

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017089.D
 Acq On : 01 Jul 2020 11:50
 Operator : JC/SP
 Sample : VX0701WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

Quant Time: Jul 02 01:34:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	252574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	380849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	360178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192575	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	150817	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
35) Dibromofluoromethane	5.46	113	122268	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	8.70	98	452399	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.12	95	173301	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	47106	19.278	ug/l	98
3) Chloromethane	1.31	50	48262	16.317	ug/l	98
4) Vinyl Chloride	1.39	62	47433	17.285	ug/l	99
5) Bromomethane	1.63	94	32587	22.476	ug/l	97
6) Chloroethane	1.71	64	29015	17.902	ug/l	95
7) Trichlorofluoromethane	1.92	101	79287	19.536	ug/l	99
8) Diethyl Ether	2.17	74	27948	20.682	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	44235	18.185	ug/l	98
10) Methyl Iodide	2.49	142	53508	17.047	ug/l	99
11) Tert butyl alcohol	3.01	59	52976	89.184	ug/l	100
12) 1,1-Dichloroethene	2.35	96	40744	16.305	ug/l	95
13) Acrolein	2.27	56	32137	90.505	ug/l	99
14) Allyl chloride	2.71	41	79409	17.195	ug/l	98
15) Acrylonitrile	3.11	53	130100	91.108	ug/l	99
16) Acetone	2.42	43	105619	90.674	ug/l	99
17) Carbon Disulfide	2.55	76	129360	18.566	ug/l	99
18) Methyl Acetate	2.75	43	54659	17.975	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	158638	18.915	ug/l	98
20) Methylene Chloride	2.83	84	53527	19.560	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	50205	18.104	ug/l	93
22) Diisopropyl ether	3.82	45	163187	19.092	ug/l	90
23) Vinyl Acetate	3.78	43	702360	95.627	ug/l	99
24) 1,1-Dichloroethane	3.67	63	89192	18.340	ug/l	100
25) 2-Butanone	4.63	43	173641	89.465	ug/l	97
26) 2,2-Dichloropropane	4.55	77	79866	18.495	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	56502	17.982	ug/l	100
28) Bromochloromethane	4.97	49	41434	17.508	ug/l	99
29) Tetrahydrofuran	5.09	42	115508	90.073	ug/l	99
30) Chloroform	5.17	83	93905	18.836	ug/l	94
31) Cyclohexane	5.54	56	77262	18.379	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	86180	18.770	ug/l	100
36) 1,1-Dichloropropene	5.77	75	67257	18.685	ug/l	97
37) Ethyl Acetate	4.79	43	69090	18.918	ug/l	99
38) Carbon Tetrachloride	5.75	117	78836	19.885	ug/l	99

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 VX0701WBSD01

Quant Time: Jul 02 01:34:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	76800	19.177	ug/l	98
40) Benzene	6.11	78	201887	19.089	ug/l	98
41) Methacrylonitrile	5.00	41	39795	19.360	ug/l	98
42) 1,2-Dichloroethane	6.16	62	77850	20.379	ug/l	100
43) Isopropyl Acetate	6.41	43	114051	18.793	ug/l	100
44) Trichloroethene	7.18	130	59542	20.218	ug/l	99
45) 1,2-Dichloropropane	7.49	63	52914	19.480	ug/l	100
46) Dibromomethane	7.63	93	37519	20.231	ug/l	98
47) Bromodichloromethane	7.87	83	75388	19.726	ug/l	99
48) Methyl methacrylate	7.74	41	55931	19.399	ug/l	99
49) 1,4-Dioxane	7.71	88	24618	376.894	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	350289	96.831	ug/l	100
52) Toluene	8.76	92	129199	19.567	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	81717	19.379	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	87719	19.406	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	53603	19.869	ug/l	99
56) Ethyl methacrylate	9.16	69	74327	19.357	ug/l	99
57) 1,3-Dichloropropane	9.35	76	89638	19.636	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	181919	95.193	ug/l	98
59) 2-Hexanone	9.47	43	258023	97.662	ug/l	99
60) Dibromochloromethane	9.56	129	62603	19.979	ug/l	99
61) 1,2-Dibromoethane	9.65	107	57723	19.906	ug/l	100
64) Tetrachloroethene	9.32	164	60391	20.775	ug/l	99
65) Chlorobenzene	10.12	112	142238	19.134	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	56024	19.555	ug/l	99
67) Ethyl Benzene	10.24	91	238715	19.229	ug/l	97
68) m/p-Xylenes	10.34	106	189280	39.708	ug/l	99
69) o-Xylene	10.68	106	88525	19.522	ug/l	100
70) Styrene	10.69	104	153446	19.871	ug/l	99
71) Bromoform	10.84	173	46332	20.394	ug/l	98
73) Isopropylbenzene	11.00	105	237562	18.833	ug/l	99
74) N-amyl acetate	10.88	43	97767	18.165	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	74843	18.863	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	91872	24.261	ug/l	85
77) Bromobenzene	11.24	156	65069	18.769	ug/l	99
78) n-propylbenzene	11.34	91	270642	18.974	ug/l	99
79) 2-Chlorotoluene	11.40	91	167357	19.386	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	207300	19.813	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	26727	18.277	ug/l	94
82) 4-Chlorotoluene	11.49	91	200062	19.386	ug/l	99
83) tert-Butylbenzene	11.76	119	190950	18.591	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	208128	19.608	ug/l	99
85) sec-Butylbenzene	11.93	105	223605	18.521	ug/l	99
86) p-Isopropyltoluene	12.05	119	218245	19.418	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	116335	18.477	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	119205	19.961	ug/l	100
89) n-Butylbenzene	12.37	91	180274	17.964	ug/l	99
90) Hexachloroethane	12.58	117	40952	18.477	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	111433	18.934	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16505	17.437	ug/l	98

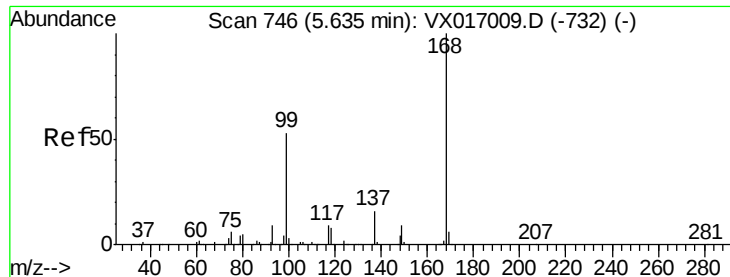
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
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Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

Quant Time: Jul 02 01:34:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	74055	18.435	ug/l	99
94) Hexachlorobutadiene	13.77	225	31215	20.973	ug/l	95
95) Naphthalene	13.82	128	224579	18.389	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	74453	19.151	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

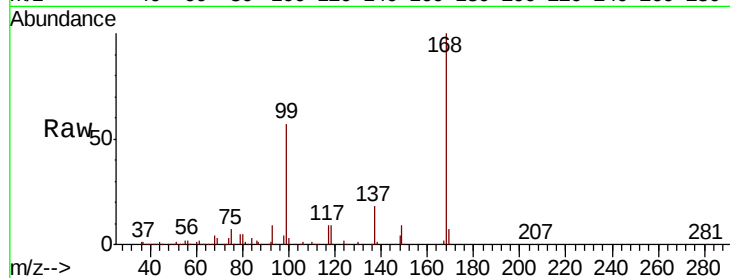
VX0701WBSD01

Tot Ion:168 Resp: 252574

Ion Ratio Lower Upper

168 100

99 56.5 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

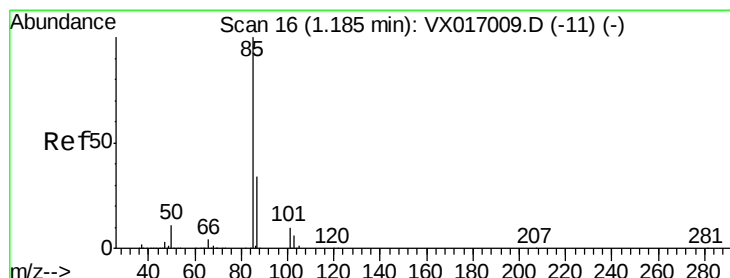
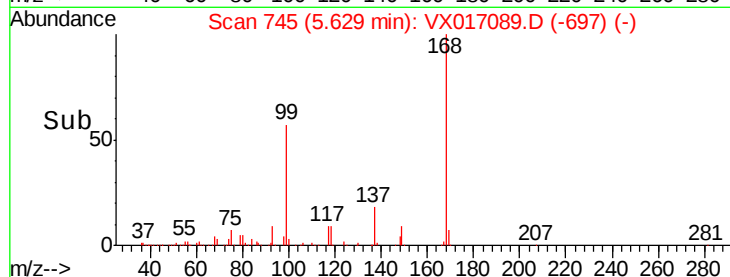
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.278 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017089.D

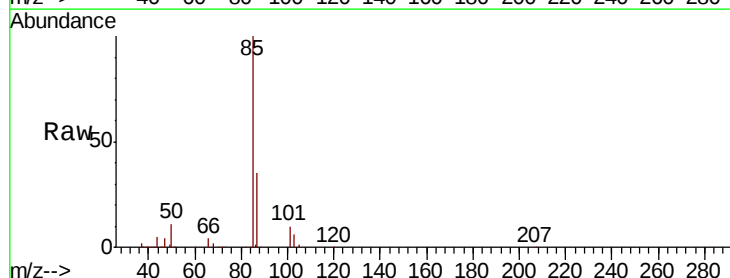
Acq: 01 Jul 2020 11:50

Tgt Ion: 85 Resp: 47106

Ion Ratio Lower Upper

85 100

87 34.9 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

30000

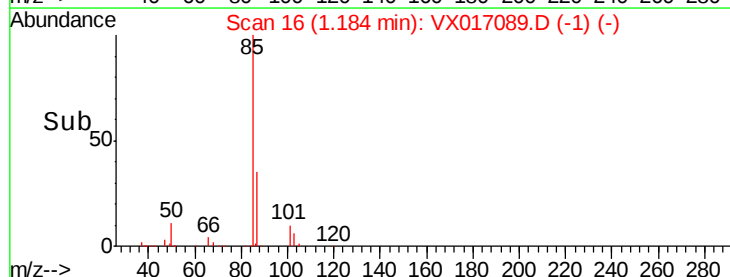
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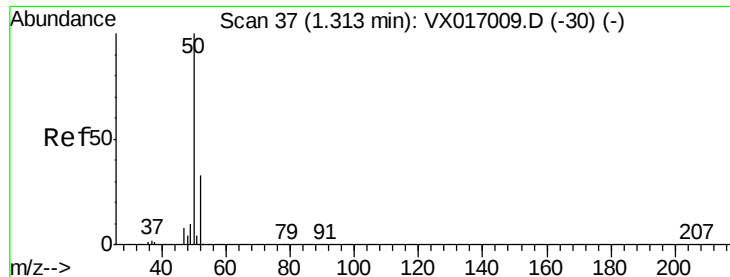
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.317 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

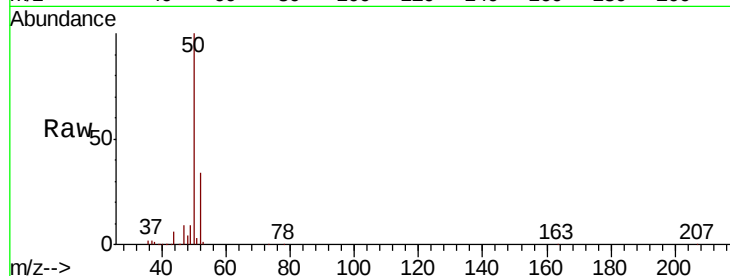
VX0701WBSD01

Tot Ion: 50 Resp: 48262

Ion Ratio Lower Upper

50 100

52 34.0 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

40000

30000

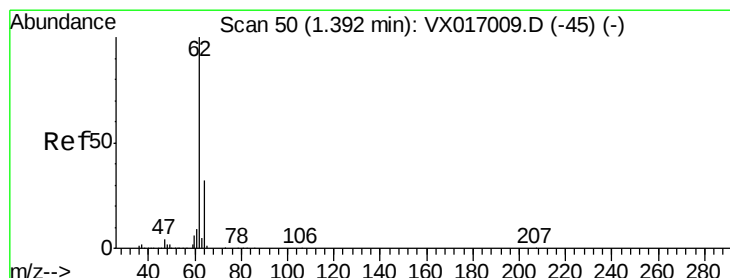
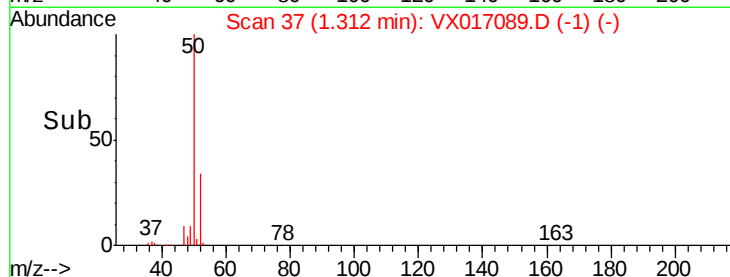
20000

10000

0

1.30 1.35

Time-->



#4

Vinyl Chloride

Concen: 17.285 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017089.D

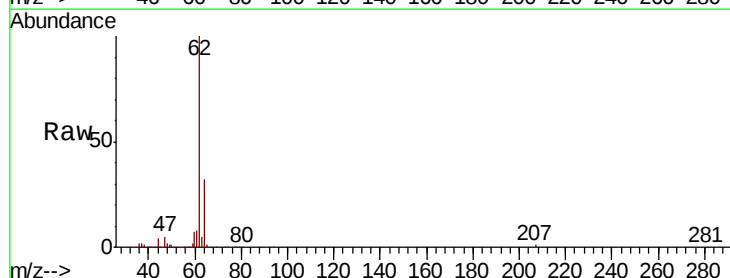
Acq: 01 Jul 2020 11:50

Tgt Ion: 62 Resp: 47433

Ion Ratio Lower Upper

62 100

64 32.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

40000

30000

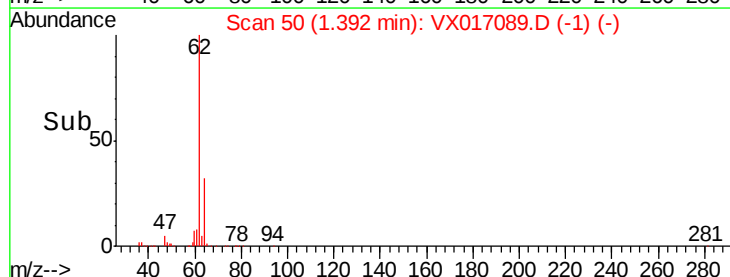
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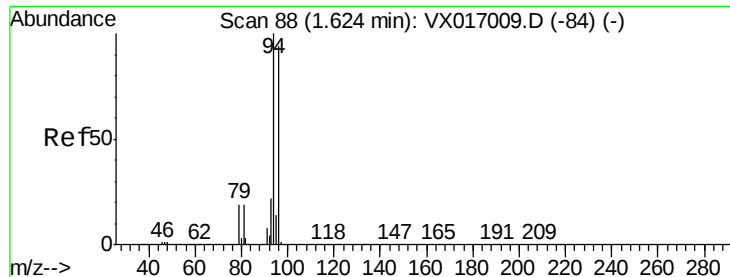
10000

0

1.30 1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 22.476 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

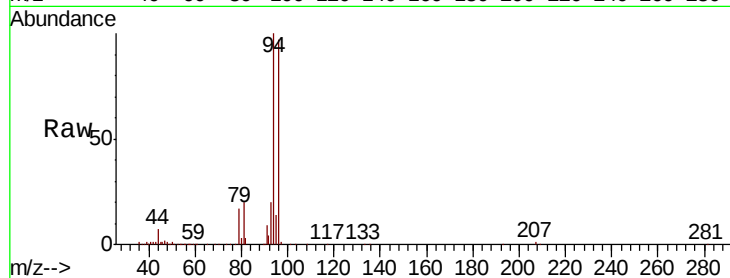
VX0701WBSD01

Tot Ion: 94 Resp: 32587

Ion Ratio Lower Upper

94 100

96 96.9 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

25000

20000

15000

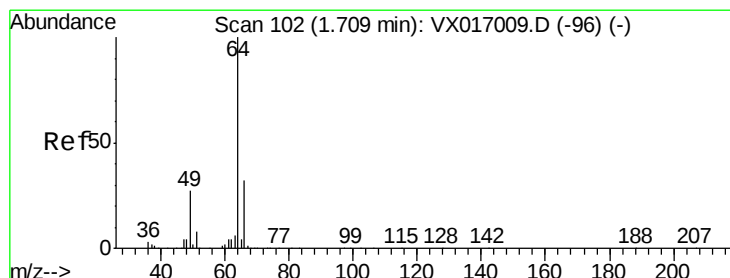
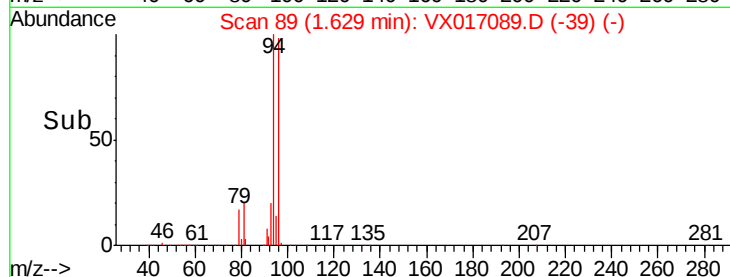
10000

5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 17.902 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017089.D

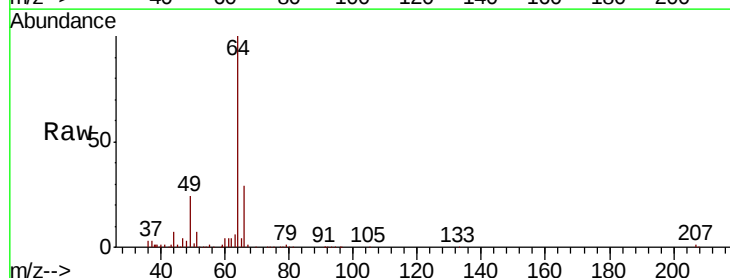
Acq: 01 Jul 2020 11:50

Tgt Ion: 64 Resp: 29015

Ion Ratio Lower Upper

64 100

66 28.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

25000

20000

15000

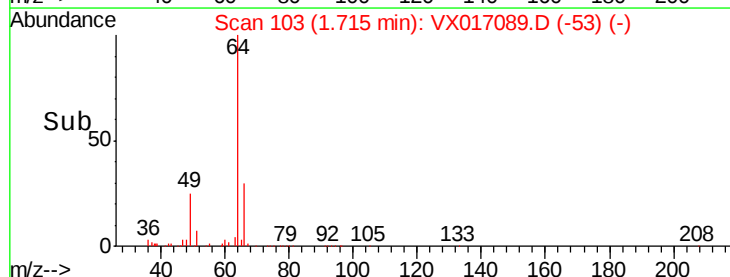
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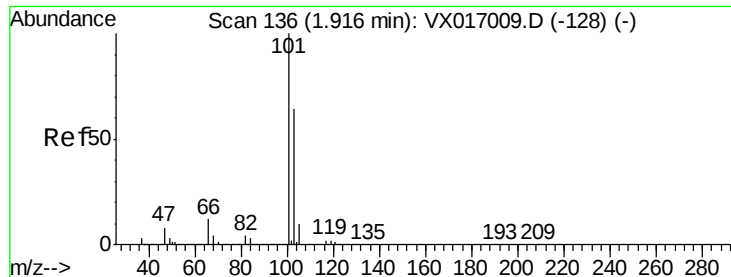
5000

0

Time-->

1.65 1.70 1.75 1.80



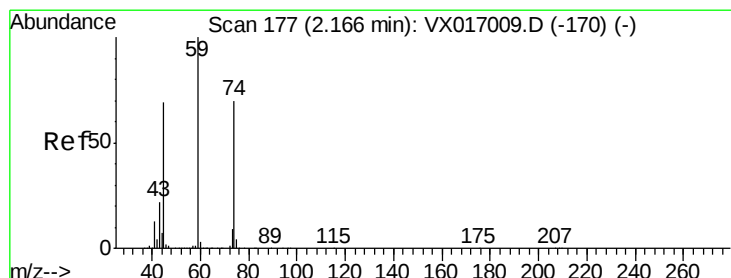
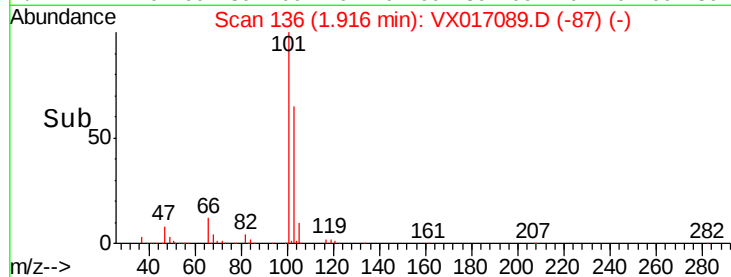
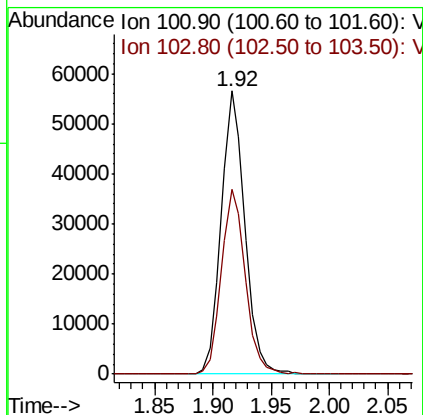
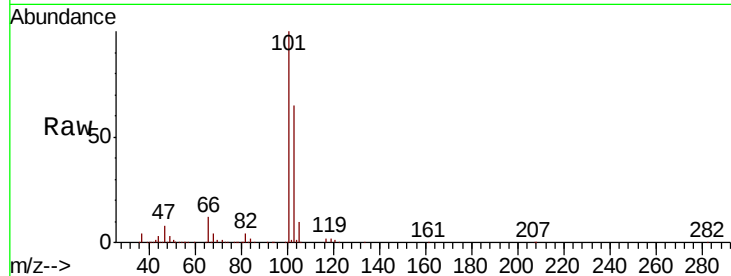


#7

Trichlorofluoromethane
 Concen: 19.536 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

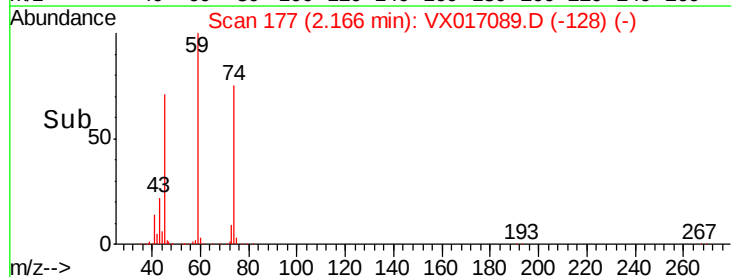
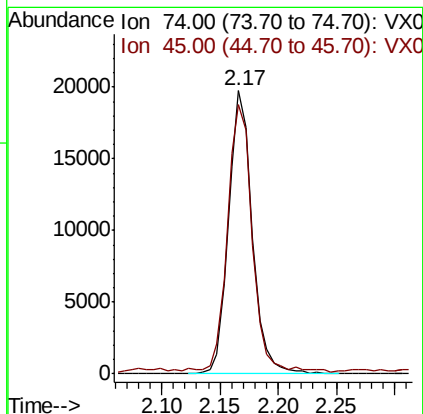
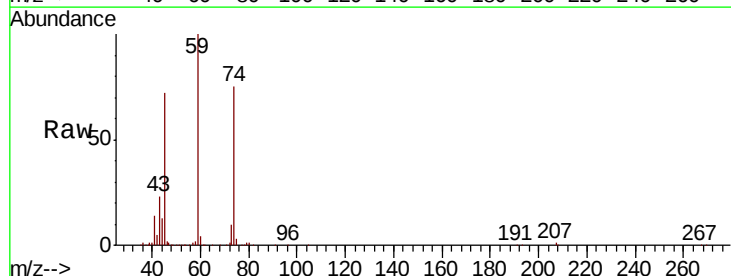
Tot Ion:101 Resp: 79287
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.5 77.3

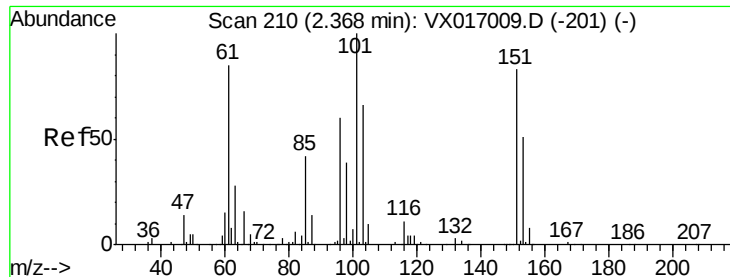


#8

Diethyl Ether
 Concen: 20.682 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion: 74 Resp: 27948
 Ion Ratio Lower Upper
 74 100
 45 97.1 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.185 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

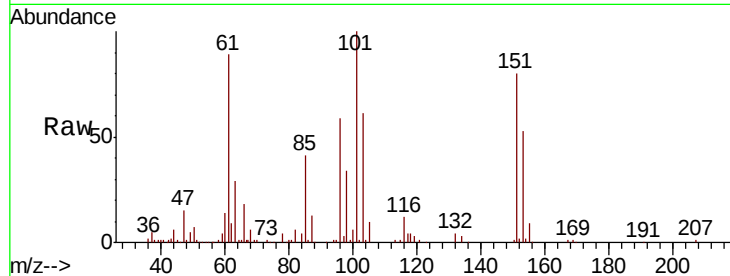
Tot Ion:101 Resp: 44235

Ion Ratio Lower Upper

101 100

85 42.7 33.5 50.3

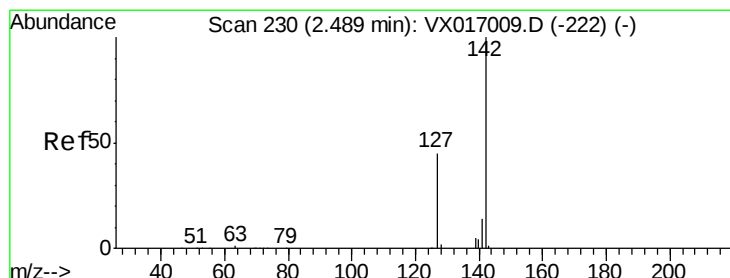
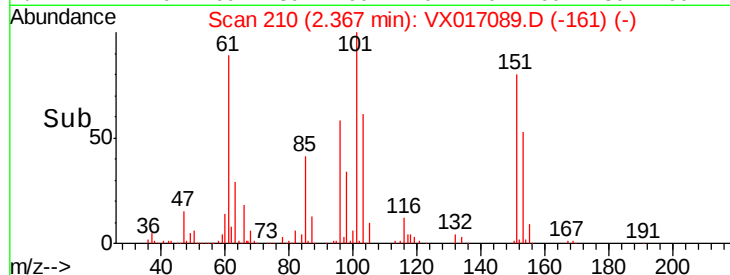
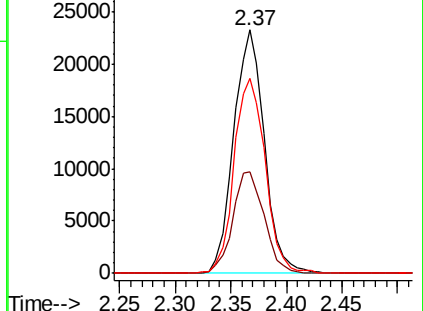
151 81.3 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.047 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

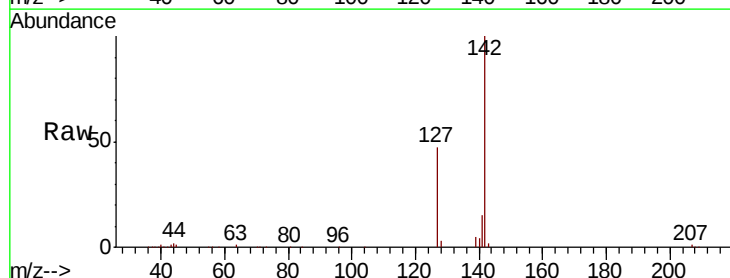
Tgt Ion:142 Resp: 53508

Ion Ratio Lower Upper

142 100

127 45.2 36.6 54.8

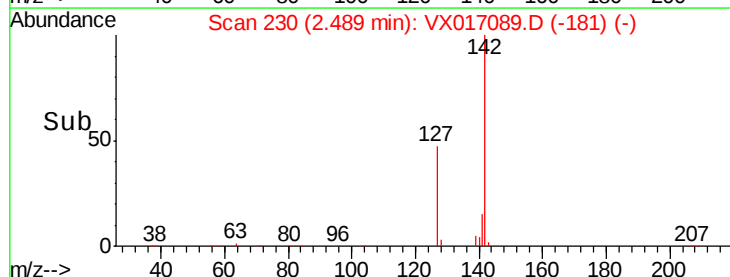
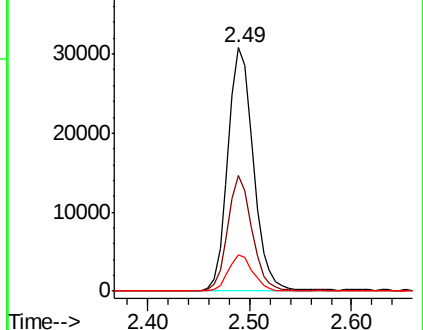
141 14.5 11.6 17.4

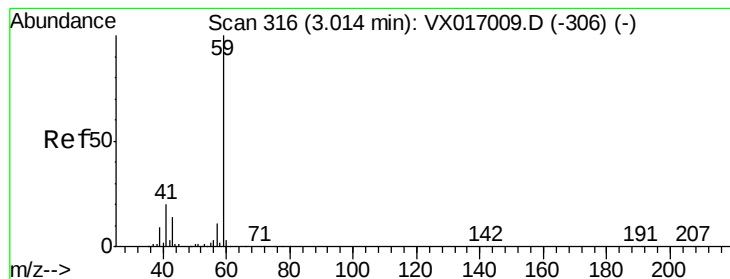


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



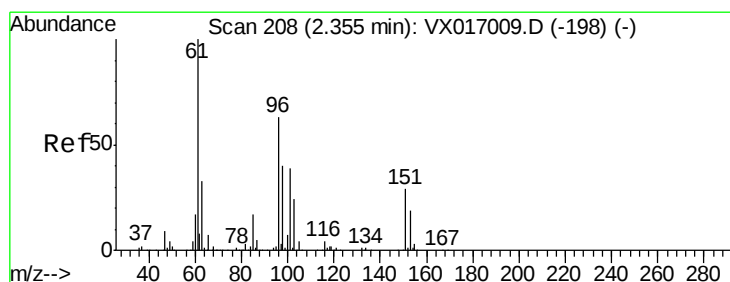
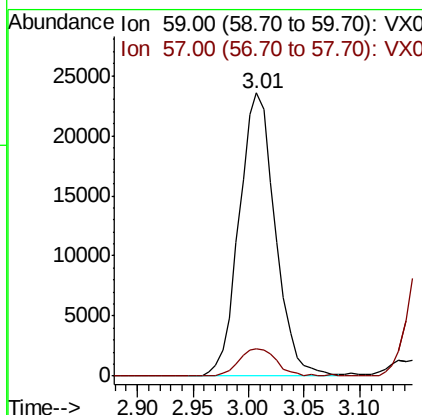
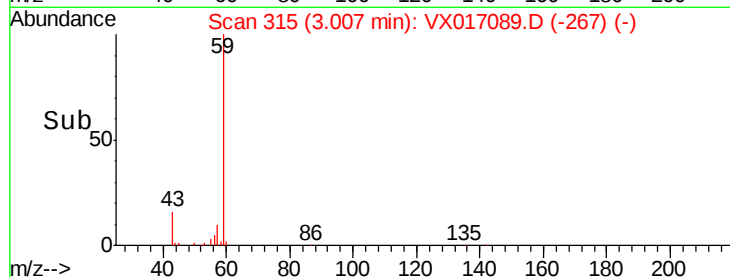
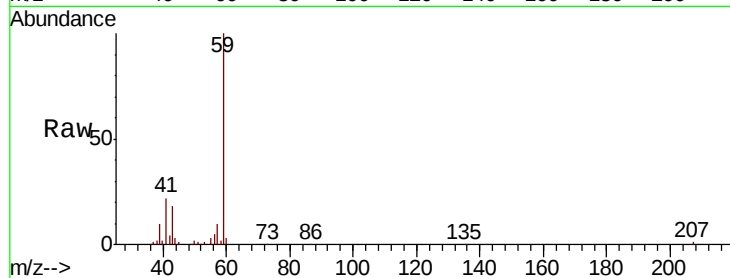


#11

Tert butyl alcohol
 Concen: 89.184 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

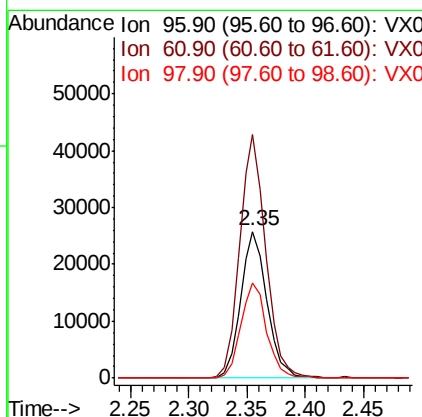
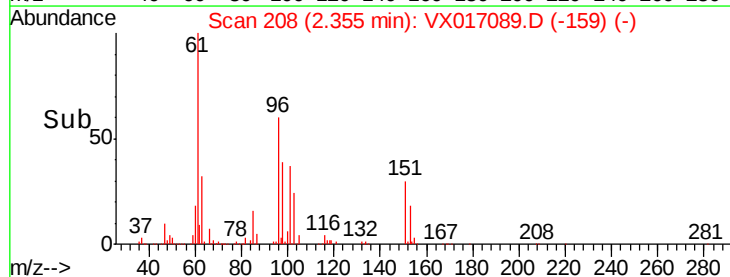
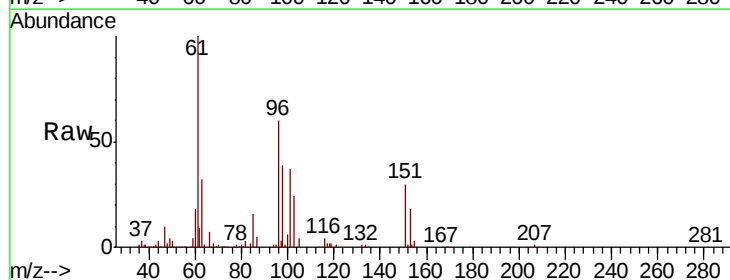
Tot Ion: 59 Resp: 52976
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.2

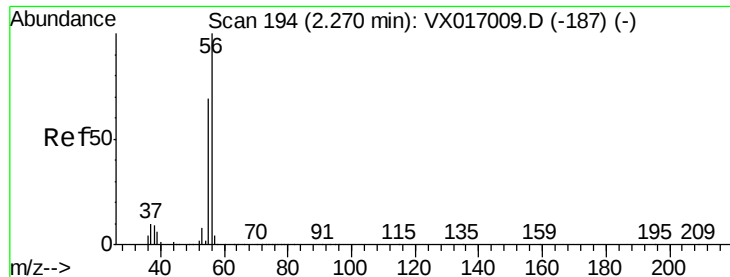


#12

1,1-Dichloroethene
 Concen: 16.305 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion: 96 Resp: 40744
 Ion Ratio Lower Upper
 96 100
 61 165.7 126.3 189.5
 98 64.5 51.0 76.6





#13

Acrolein

Concen: 90.505 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

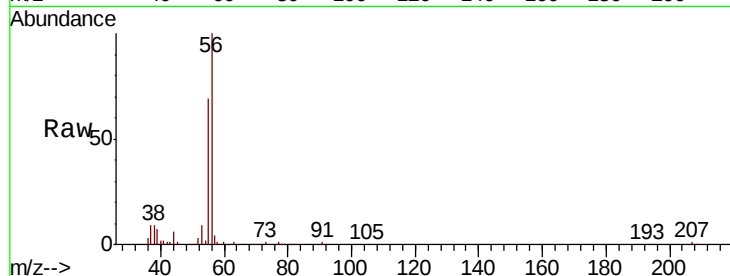
VX0701WBSD01

Tot Ion: 56 Resp: 32137

Ion Ratio Lower Upper

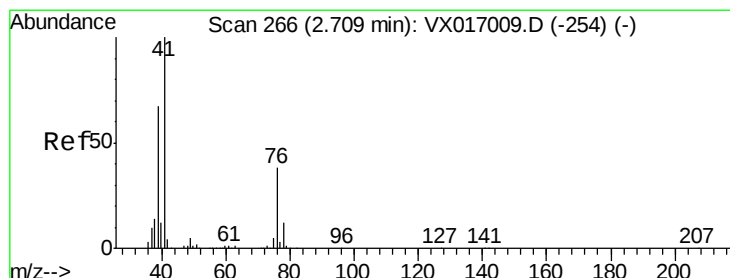
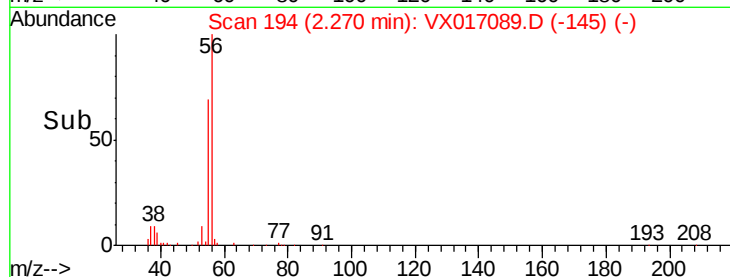
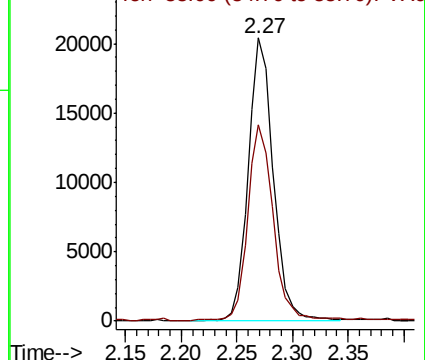
56 100

55 70.3 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.195 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

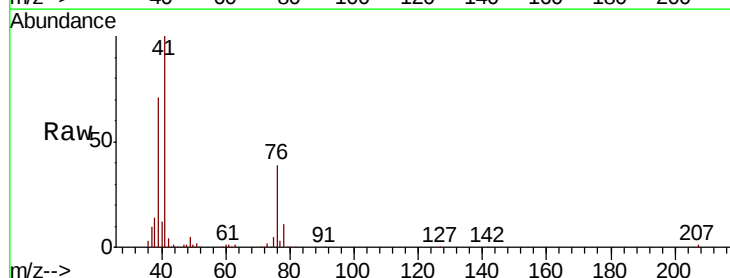
Tgt Ion: 41 Resp: 79409

Ion Ratio Lower Upper

41 100

39 63.8 49.4 74.2

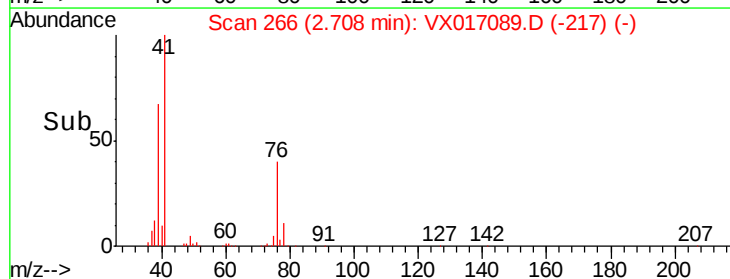
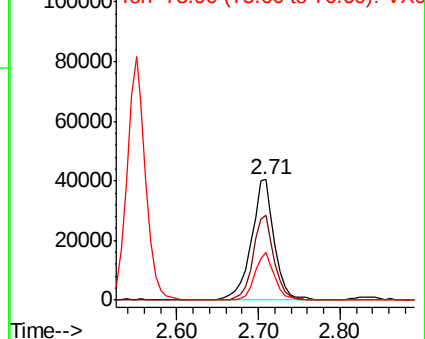
76 34.3 26.8 40.2

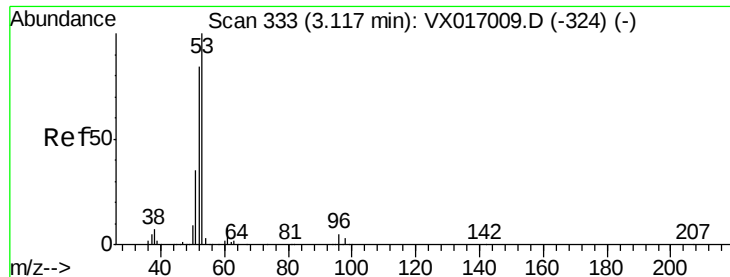


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 91.108 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

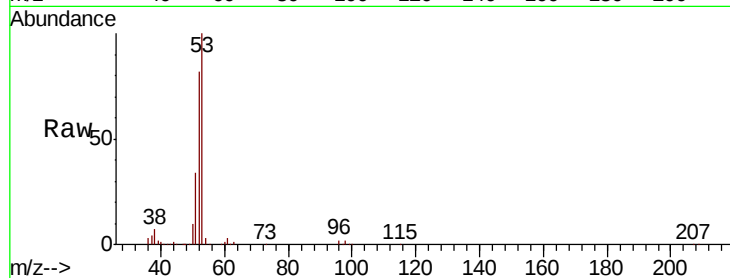
Tot Ion: 53 Resp: 130100

Ion Ratio Lower Upper

53 100

52 80.9 65.6 98.4

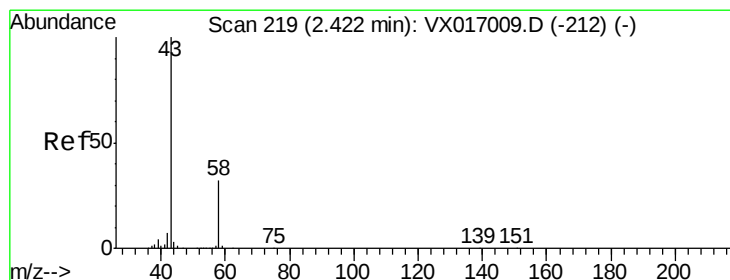
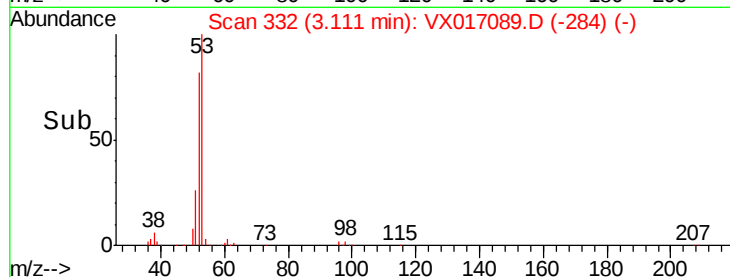
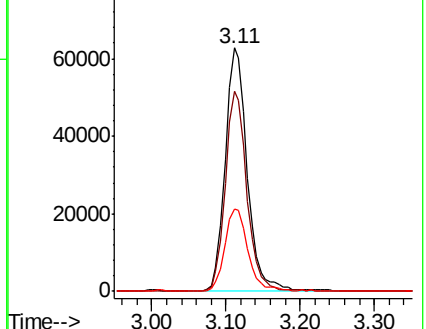
51 35.8 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 90.674 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017089.D

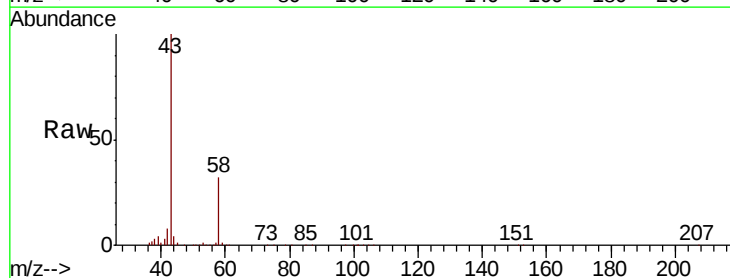
Acq: 01 Jul 2020 11:50

Tgt Ion: 43 Resp: 105619

Ion Ratio Lower Upper

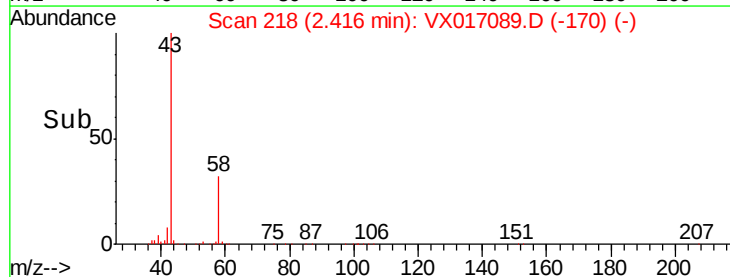
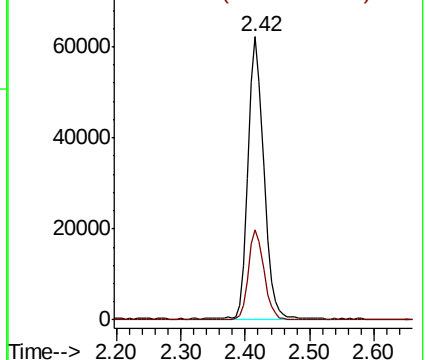
43 100

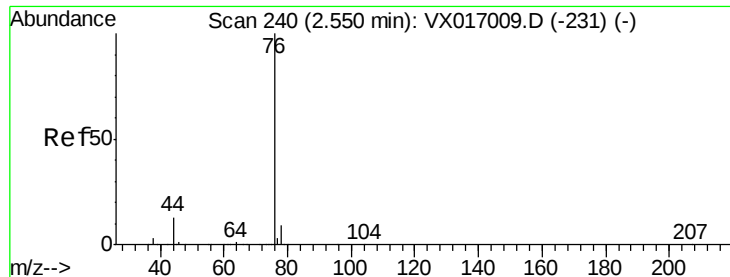
58 31.6 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

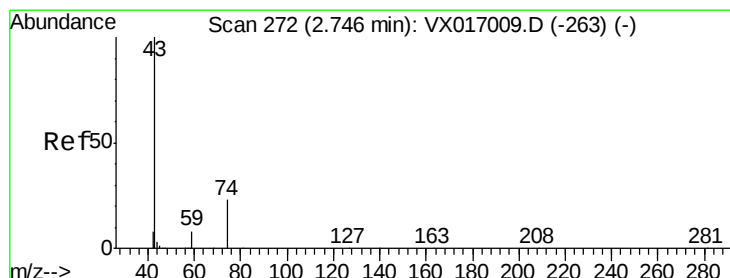
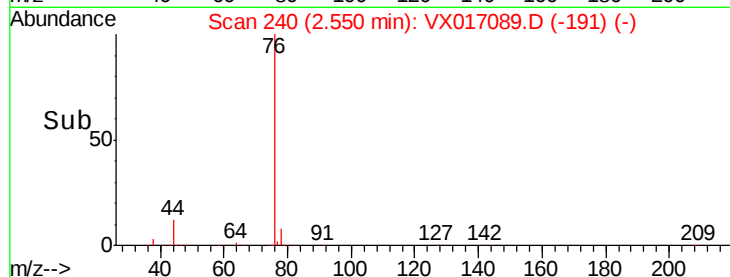
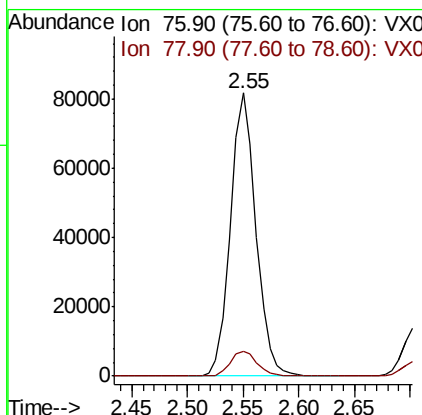
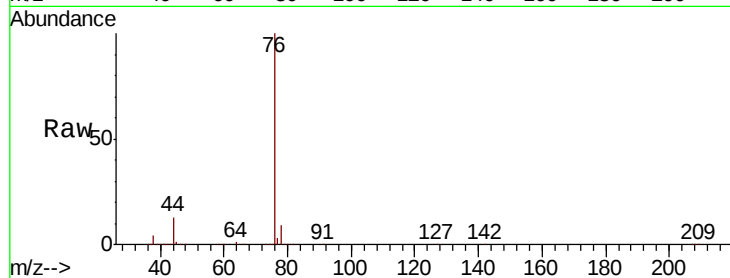




#17
Carbon Disulfide
Concen: 18.566 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

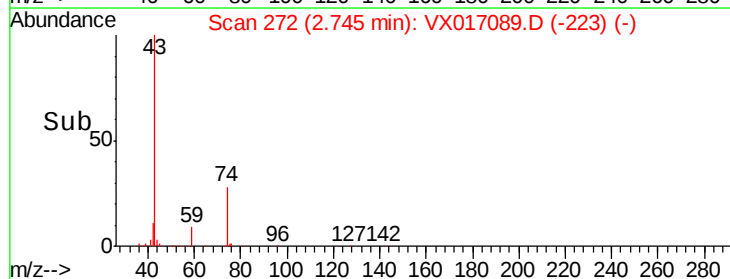
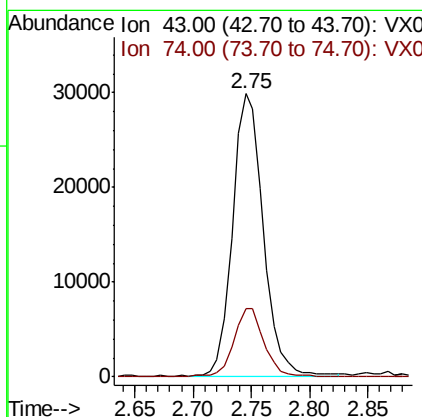
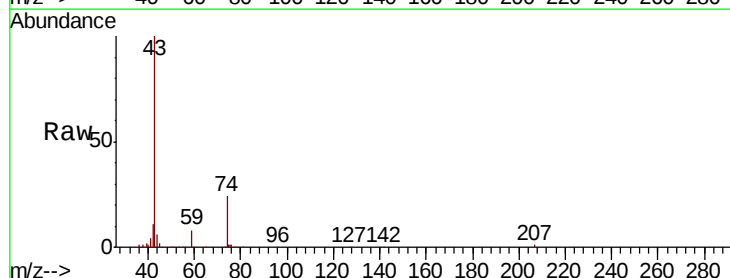
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

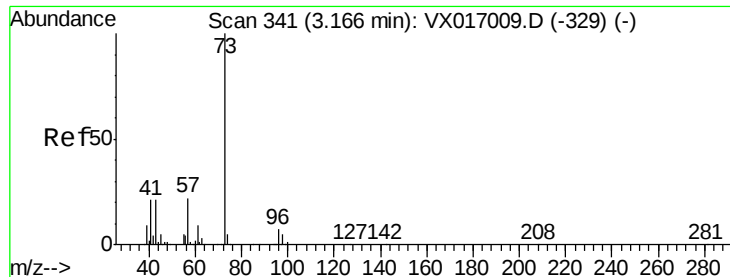
Tot Ion: 76 Resp: 129360
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 17.975 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion: 43 Resp: 54659
Ion Ratio Lower Upper
43 100
74 24.4 19.3 28.9



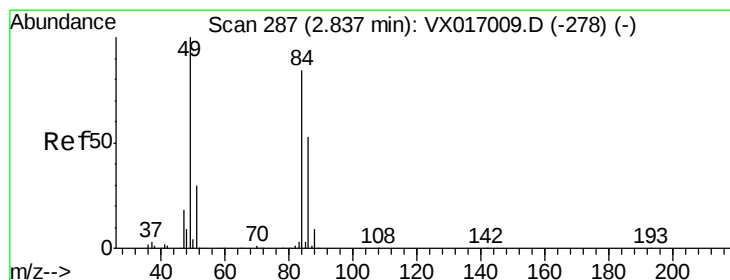
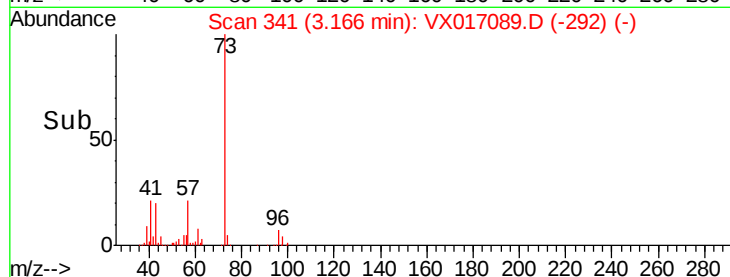
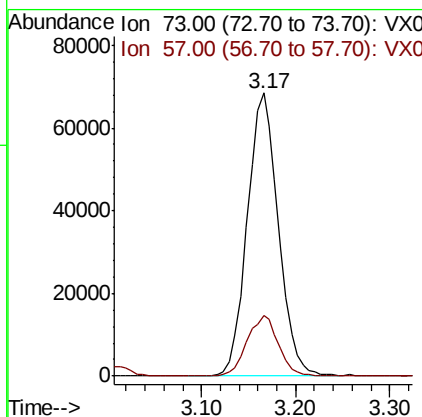
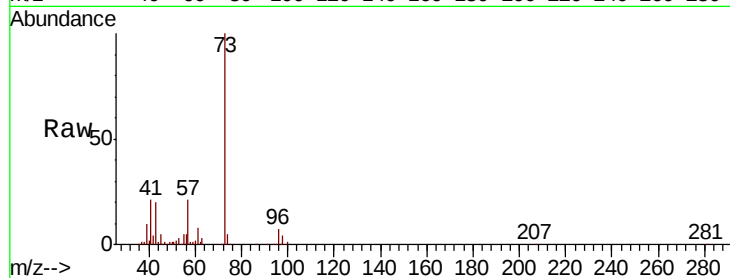


#19

Methyl tert-butyl Ether
 Concen: 18.915 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

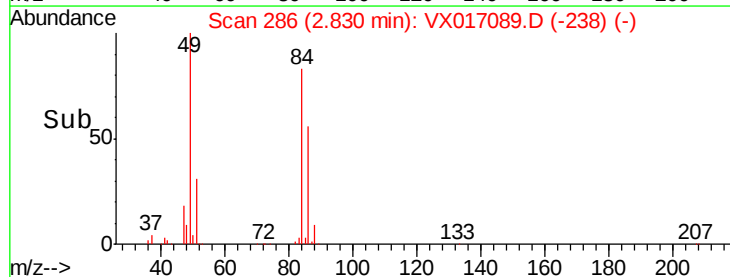
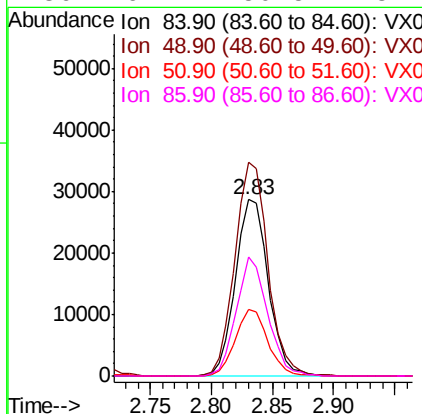
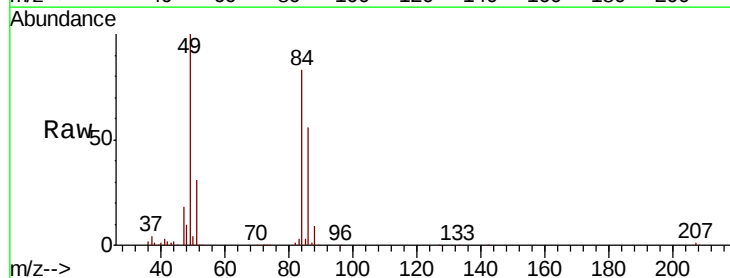
Tot Ion: 73 Resp: 158638
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.6 26.4

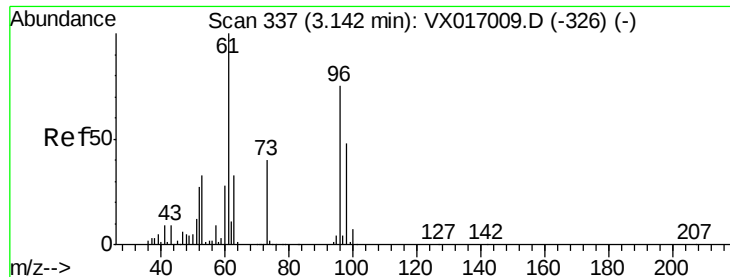


#20

Methylene Chloride
 Concen: 19.560 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion: 84 Resp: 53527
 Ion Ratio Lower Upper
 84 100
 49 121.1 94.7 142.1
 51 37.9 28.6 42.8
 86 67.7 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 18.104 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

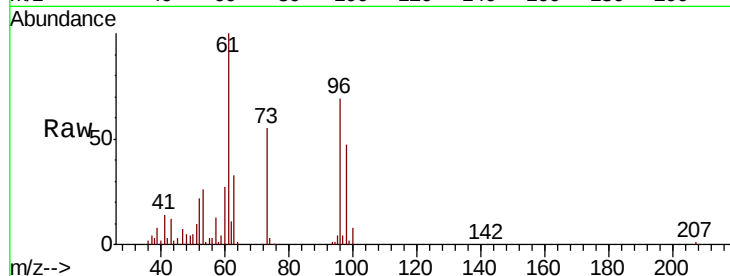
Tot Ion: 96 Resp: 50205

Ion Ratio Lower Upper

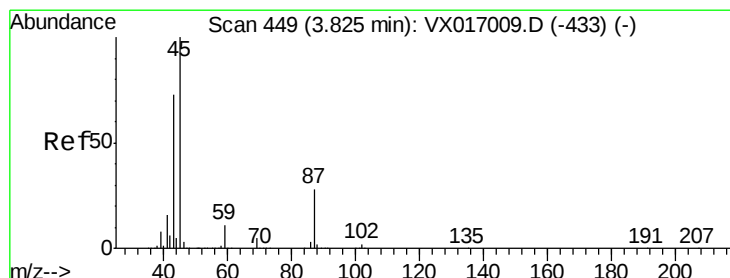
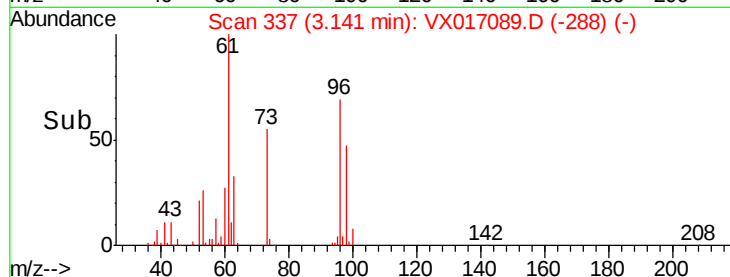
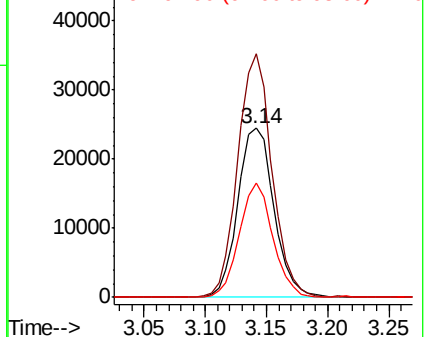
96 100

61 144.1 107.0 160.6

98 67.9 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.092 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Tgt Ion: 45 Resp: 163187

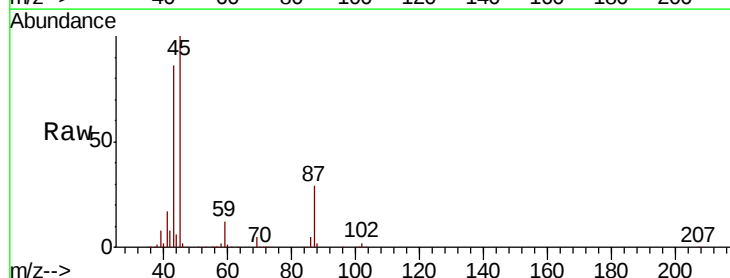
Ion Ratio Lower Upper

45 100

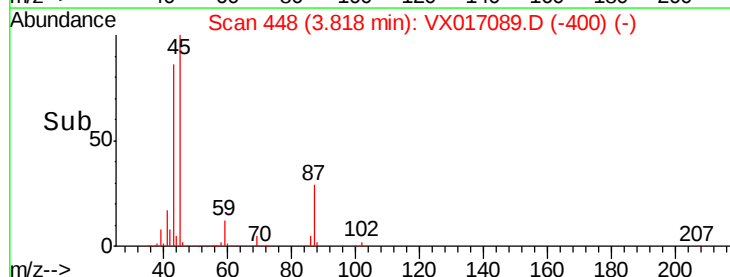
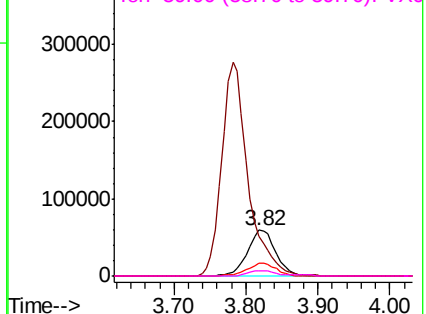
43 85.5 58.6 88.0

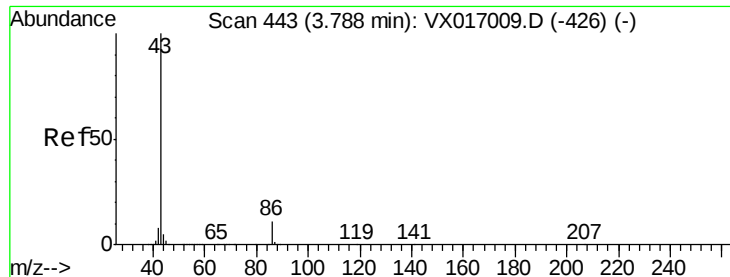
87 28.9 22.6 34.0

59 11.9 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 95.627 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

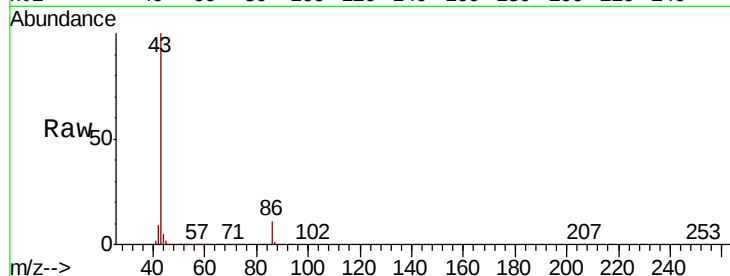
VX0701WBSD01

Tot Ion: 43 Resp: 702360

Ion Ratio Lower Upper

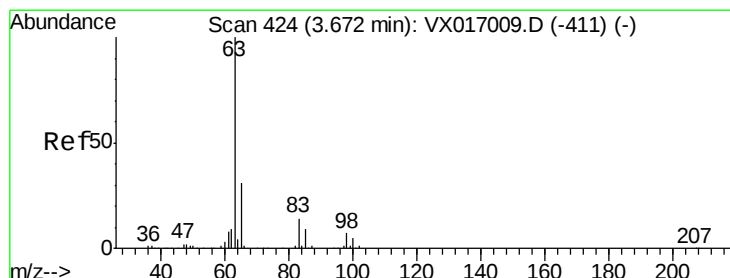
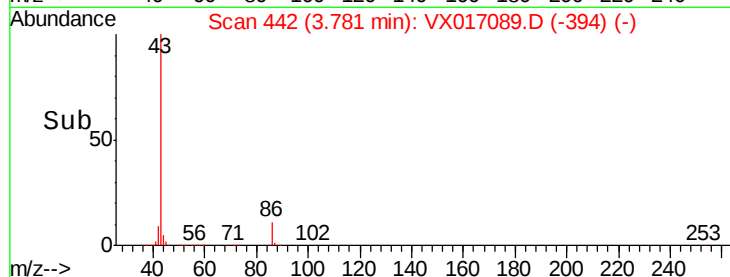
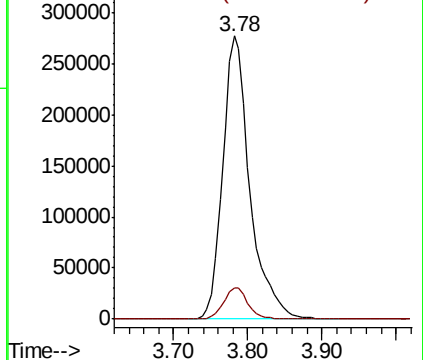
43 100

86 11.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.340 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

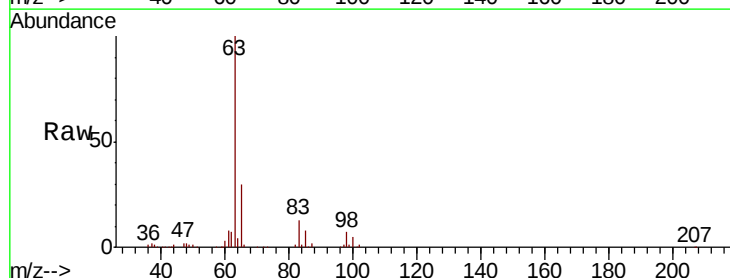
Tgt Ion: 63 Resp: 89192

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

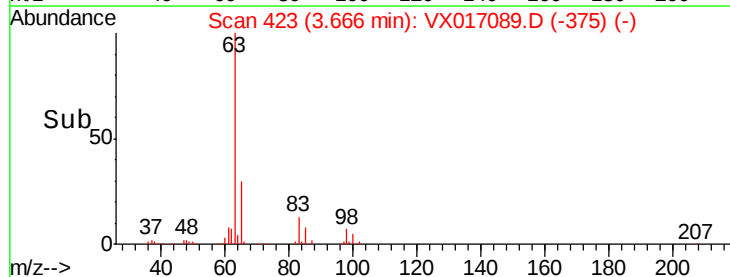
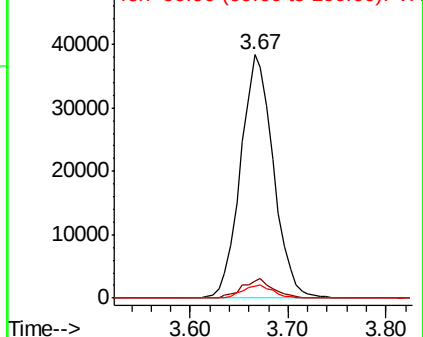
100 4.9 2.4 7.1

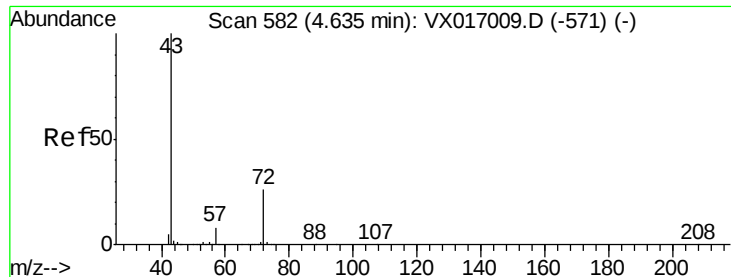


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 89.465 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

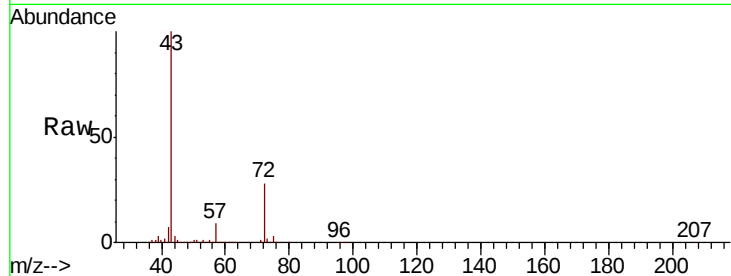
VX0701WBSD01

Tot Ion: 43 Resp: 173641

Ion Ratio Lower Upper

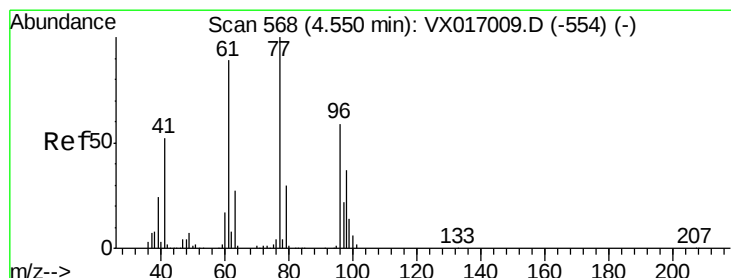
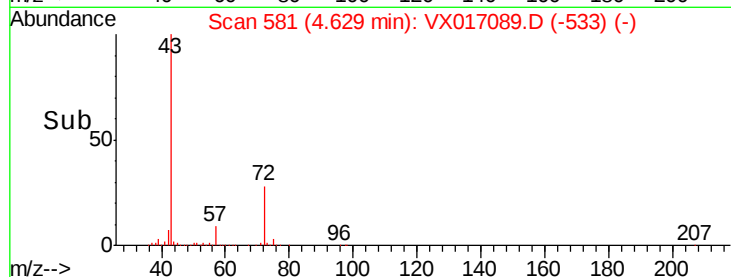
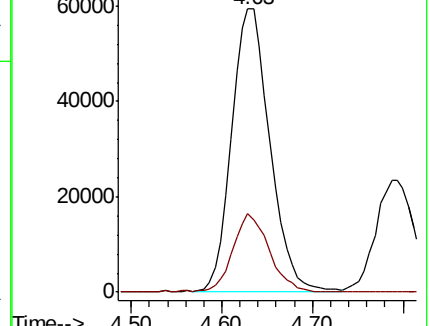
43 100

72 27.8 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.495 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017089.D

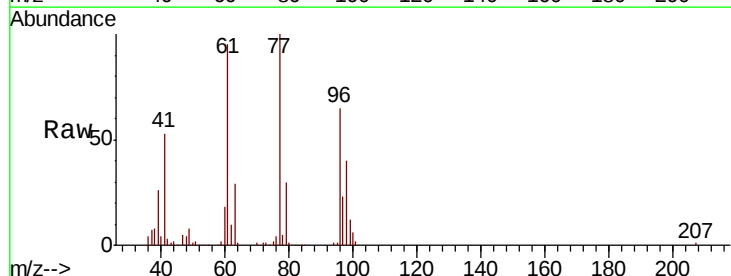
Acq: 01 Jul 2020 11:50

Tgt Ion: 77 Resp: 79866

Ion Ratio Lower Upper

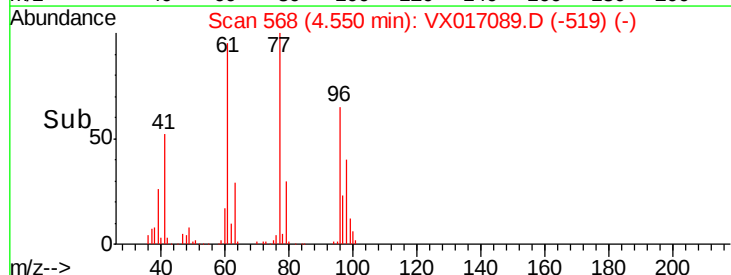
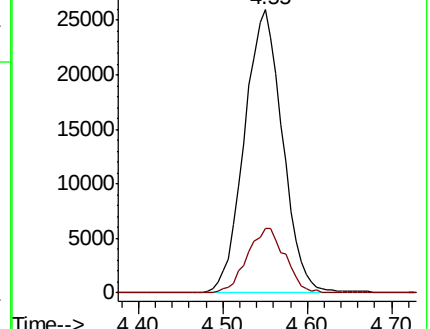
77 100

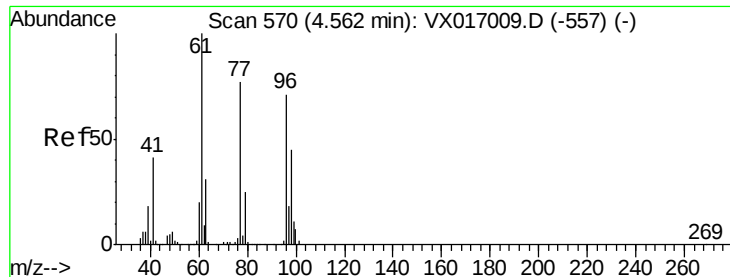
97 22.9 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



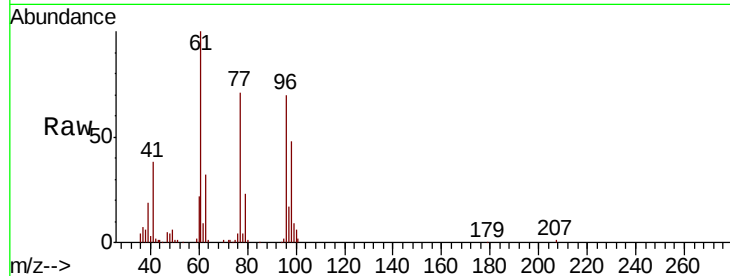


#27

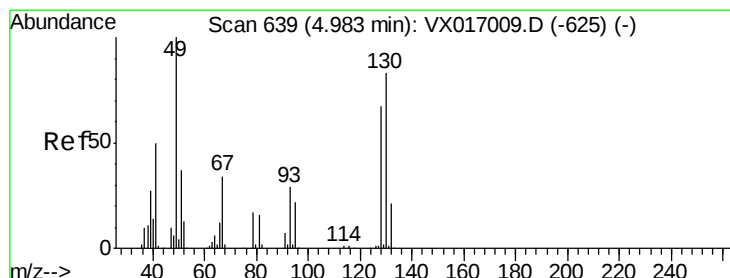
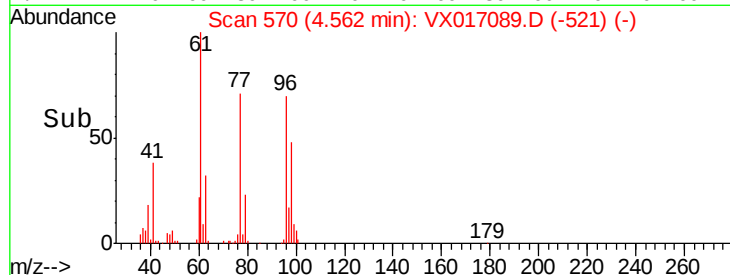
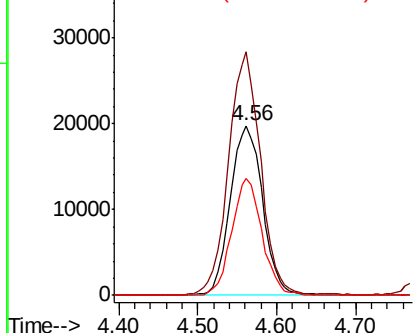
cis-1,2-Dichloroethene
 Concen: 17.982 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

Tot Ion	96	Resp	56502
Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	282.8
98	64.3	0.0	127.6



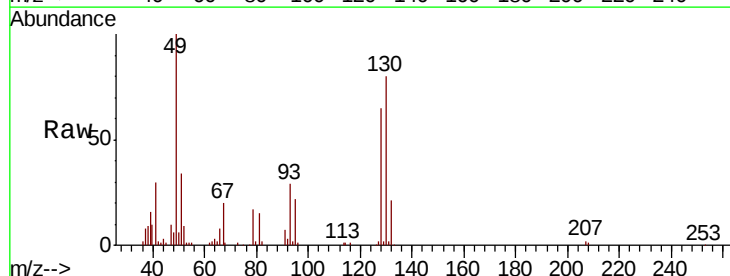
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



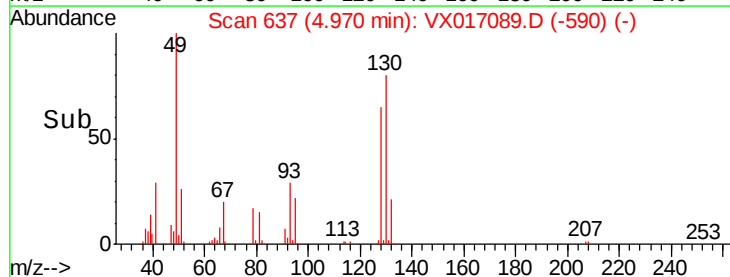
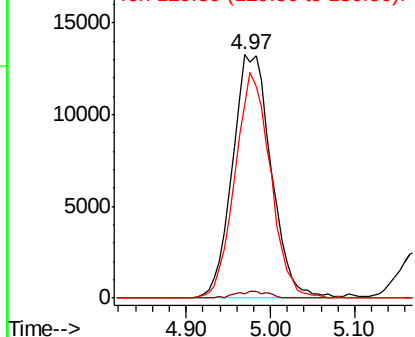
#28

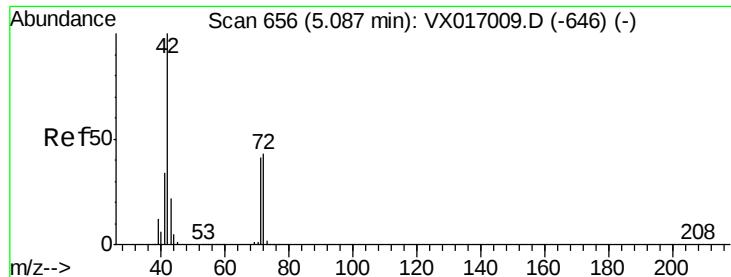
Bromochloromethane
 Concen: 17.508 ug/l
 RT: 4.97 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion	49	Resp	41434
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	84.5	66.6	100.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

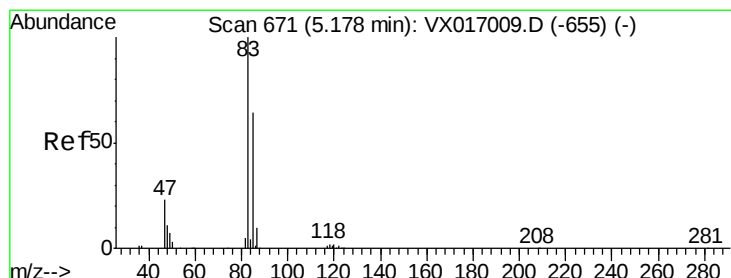
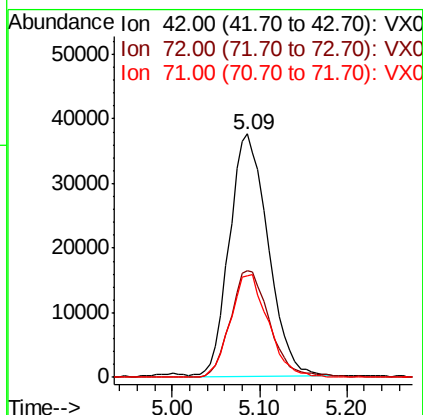
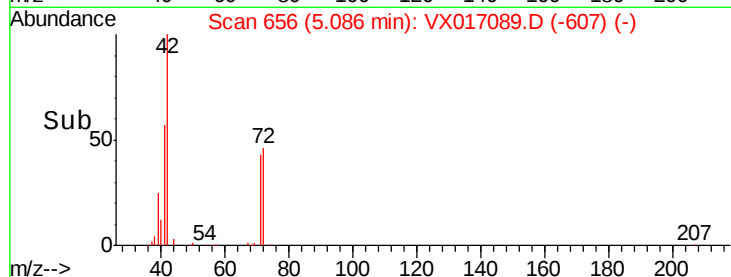
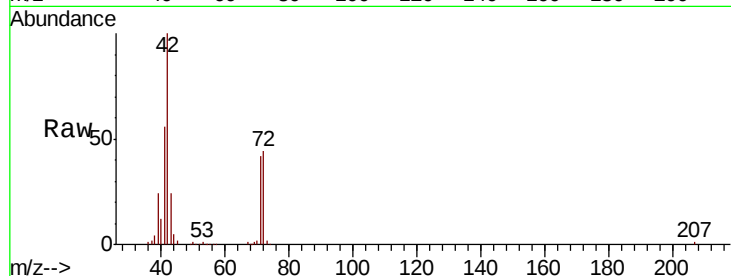




#29
Tetrahydrofuran
Concen: 90.073 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

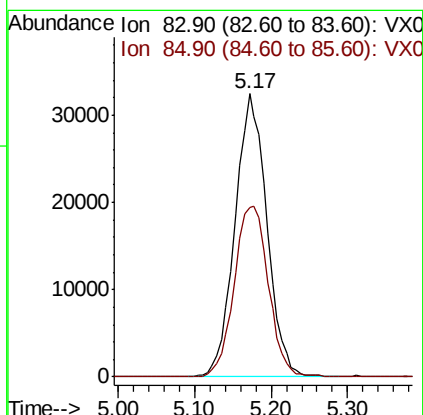
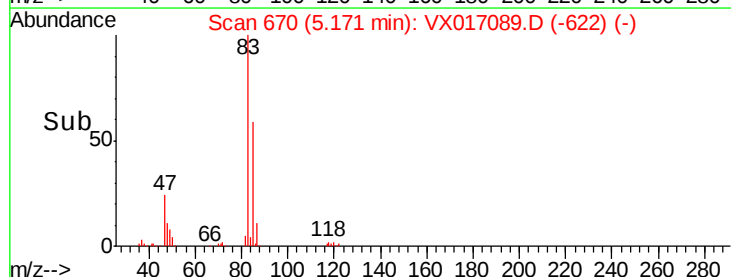
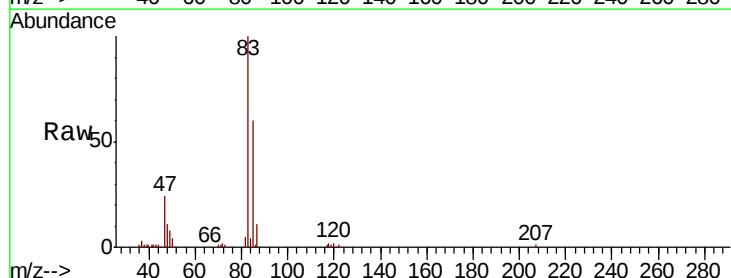
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

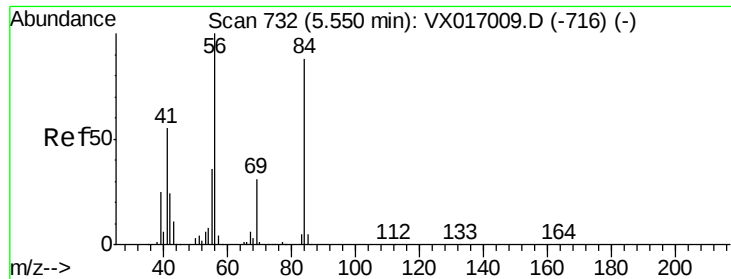
Tot Ion: 42 Resp: 115508
Ion Ratio Lower Upper
42 100
72 44.6 35.3 52.9
71 41.7 33.1 49.7



#30
Chloroform
Concen: 18.836 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion: 83 Resp: 93905
Ion Ratio Lower Upper
83 100
85 59.9 51.4 77.2





#31

Cyclohexane

Concen: 18.379 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

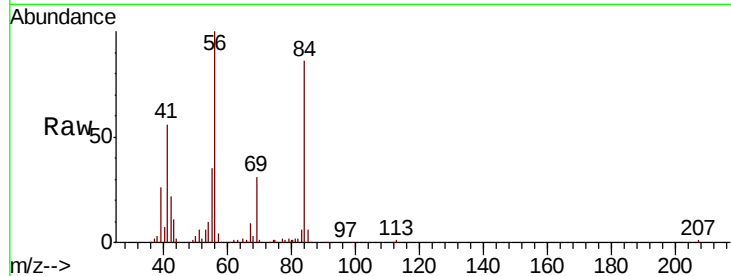
Tot Ion: 56 Resp: 77262

Ion Ratio Lower Upper

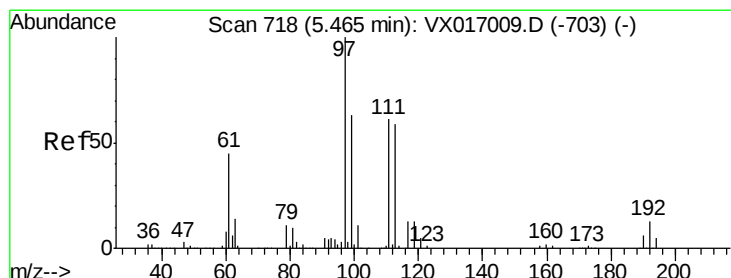
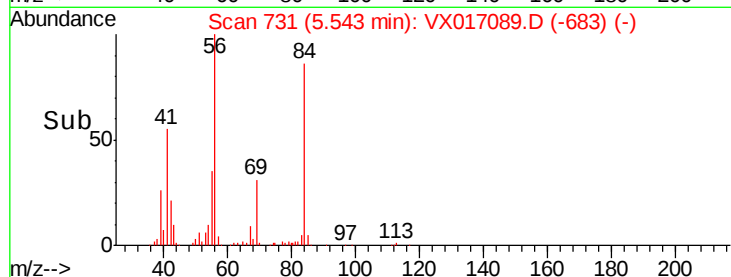
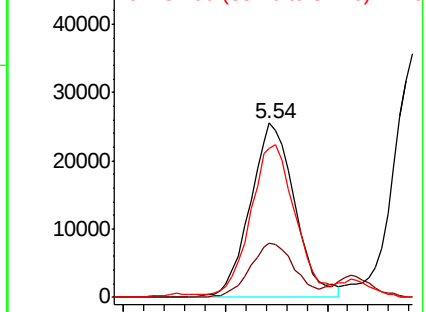
56 100

69 31.3 25.0 37.4

84 83.6 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.770 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

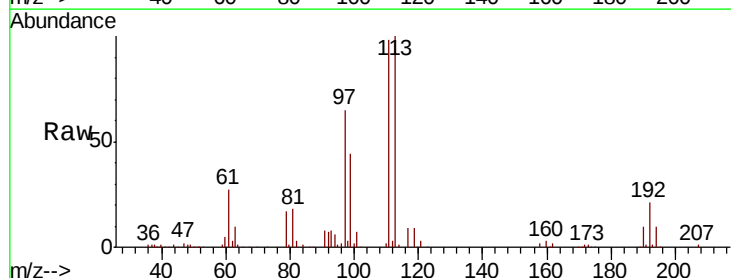
Tgt Ion: 97 Resp: 86180

Ion Ratio Lower Upper

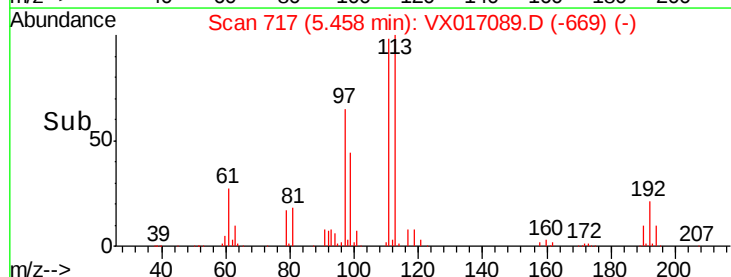
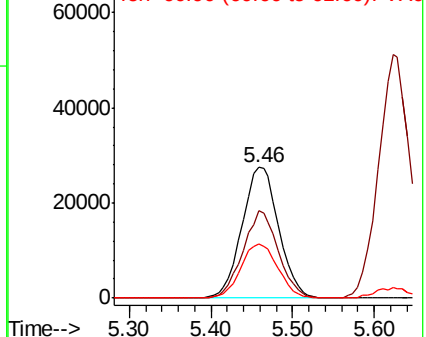
97 100

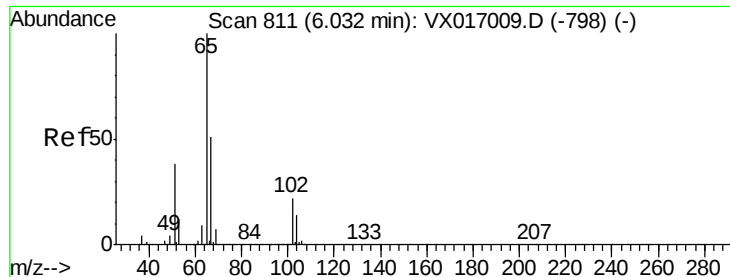
99 63.8 50.8 76.2

61 41.8 33.7 50.5



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.436 ug/l

RT: 6.02 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

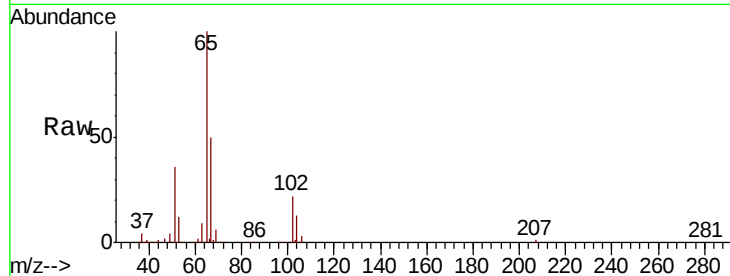
VX0701WBSD01

Tot Ion: 65 Resp: 150817

Ion Ratio Lower Upper

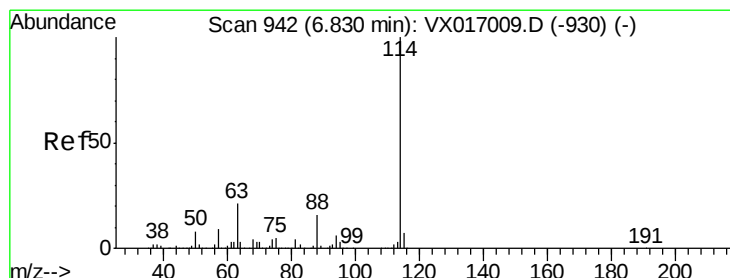
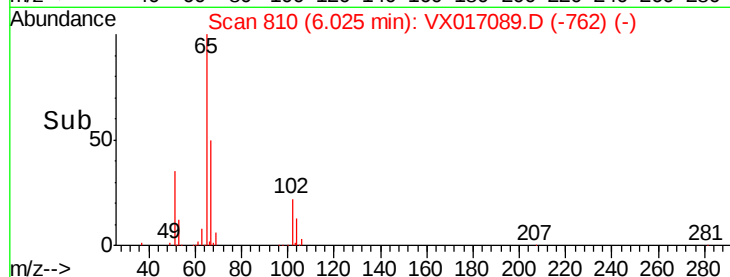
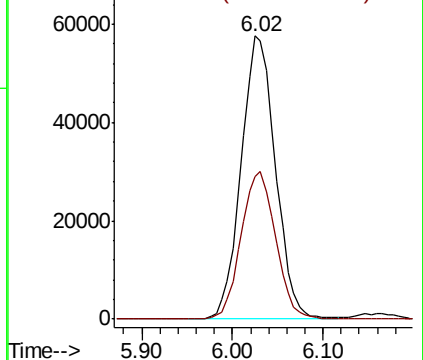
65 100

67 52.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

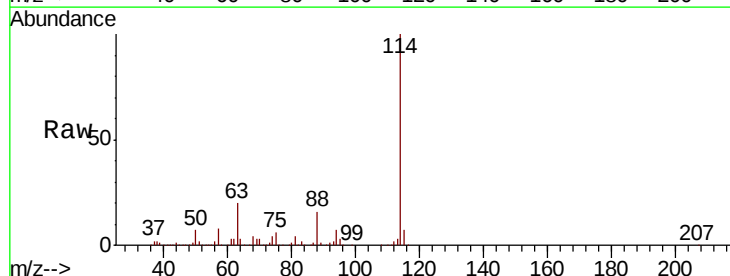
Tgt Ion: 114 Resp: 380849

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

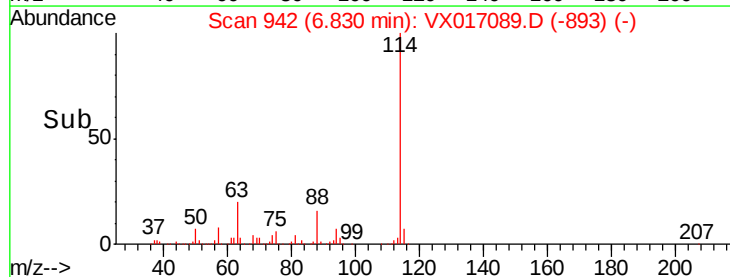
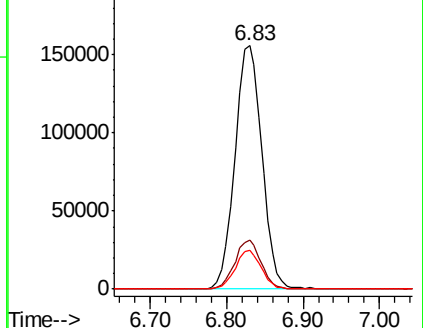
88 15.9 0.0 32.4

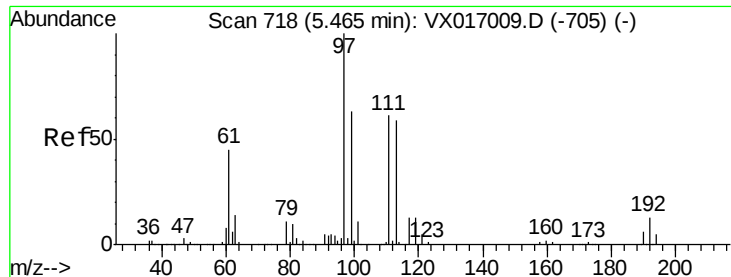


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

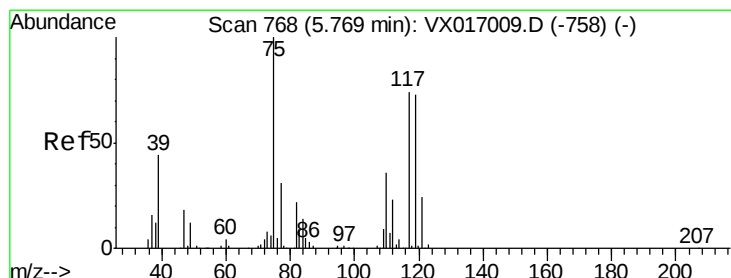
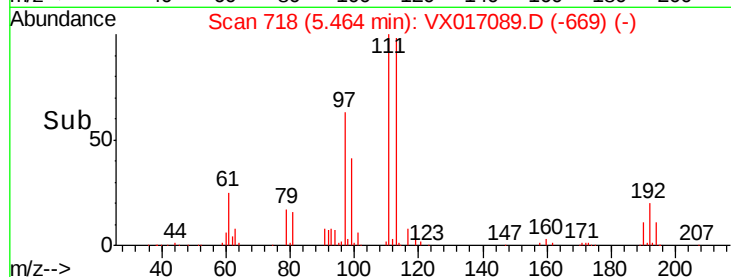
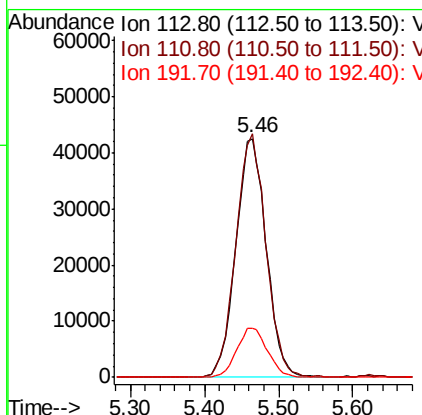
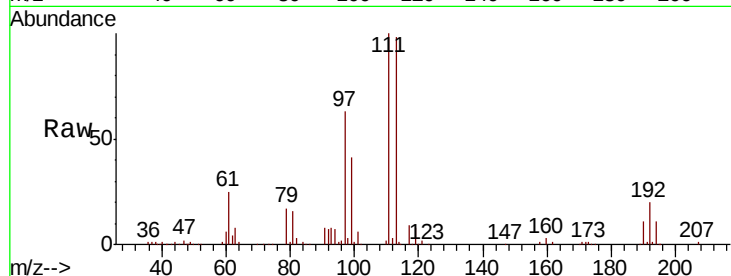




#35
Dibromofluoromethane
Concen: 50.752 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

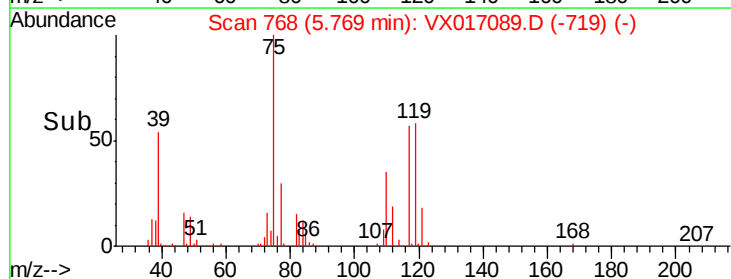
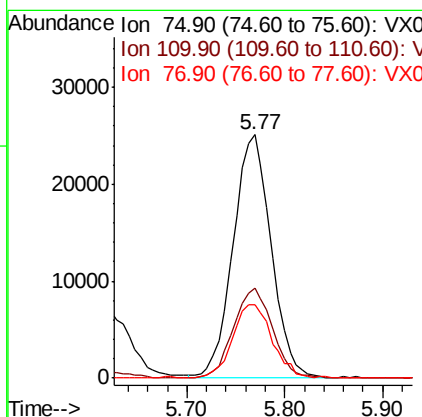
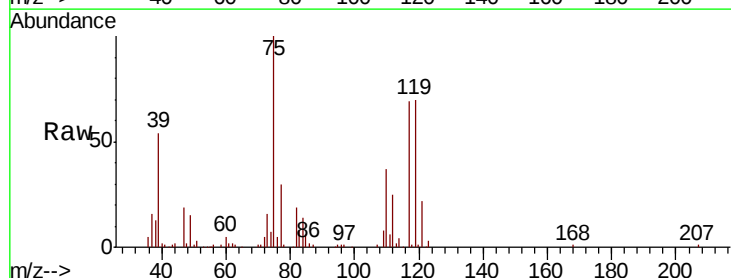
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

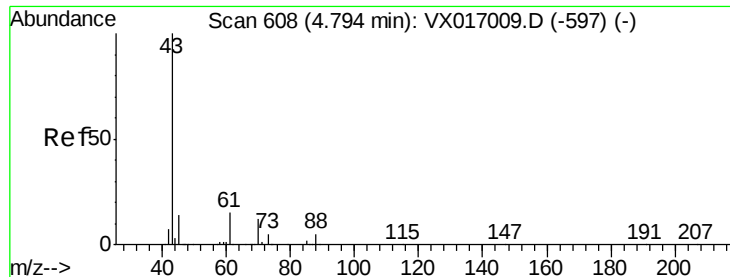
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.9	122.9
192	21.0	16.7	25.1



#36
1,1-Dichloropropene
Concen: 18.685 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	18.1	54.1
77	31.8	24.6	37.0

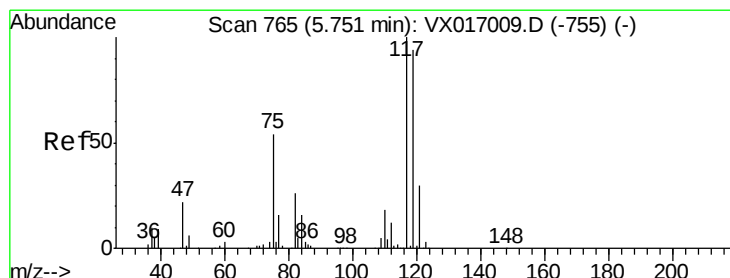
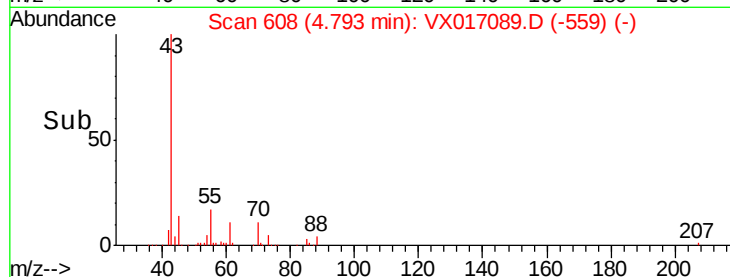
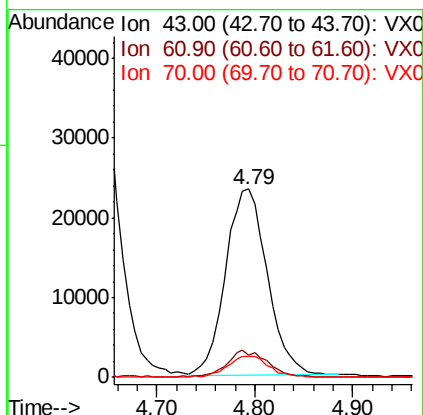
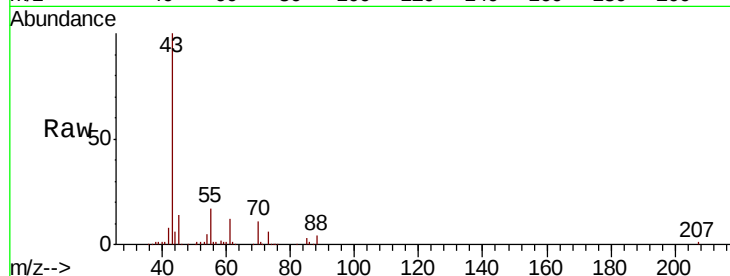




#37
Ethyl Acetate
Concen: 18.918 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

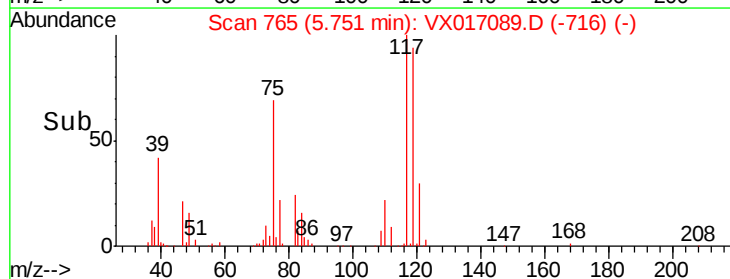
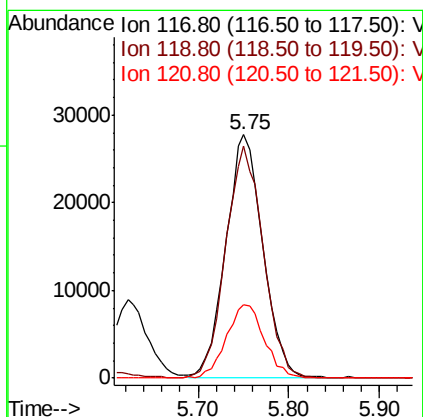
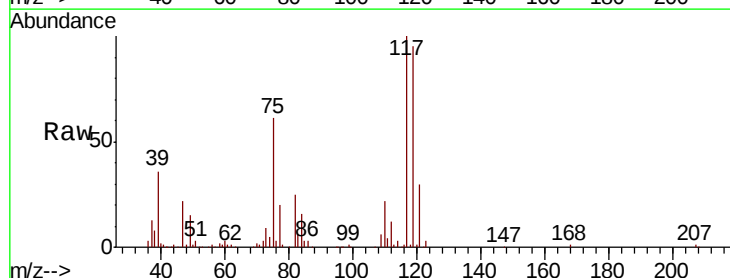
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

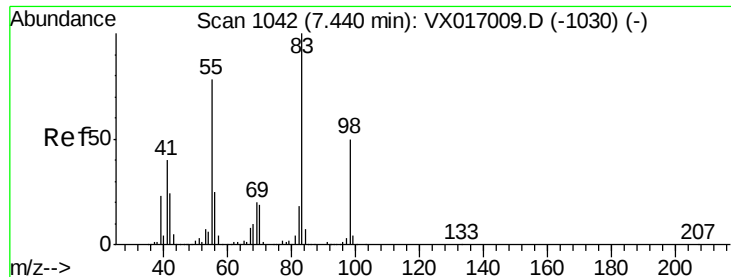
Tot Ion: 43 Resp: 69090
Ion Ratio Lower Upper
43 100
61 14.5 11.0 16.4
70 11.3 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.885 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion: 117 Resp: 78836
Ion Ratio Lower Upper
117 100
119 95.4 75.4 113.0
121 30.0 23.8 35.6

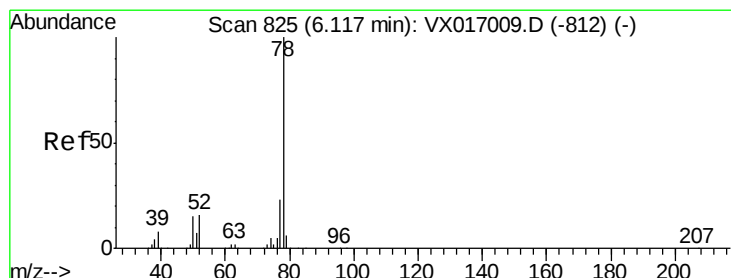
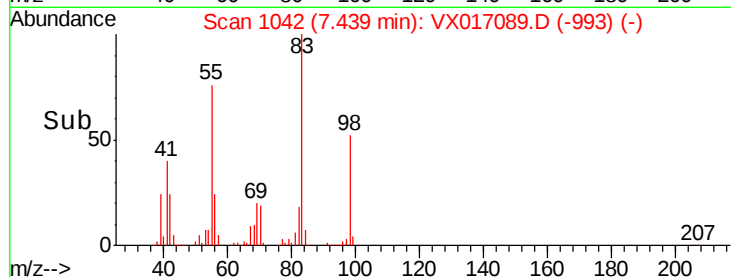
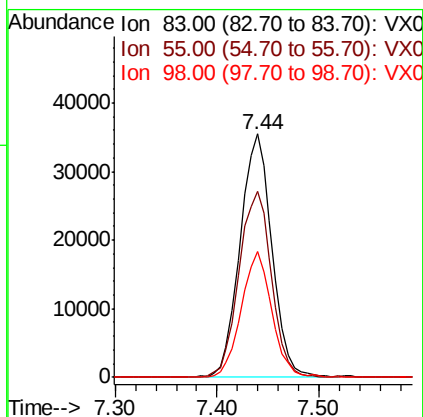
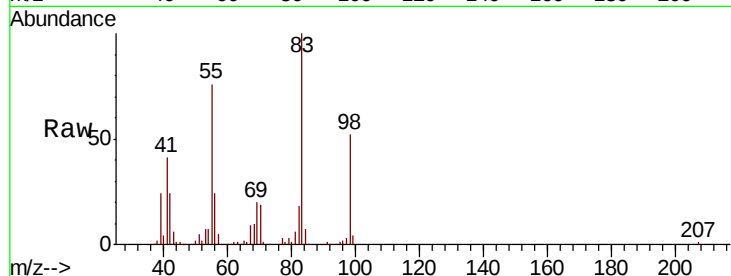




#39
Methvlcvclohexane
Concen: 19.177 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

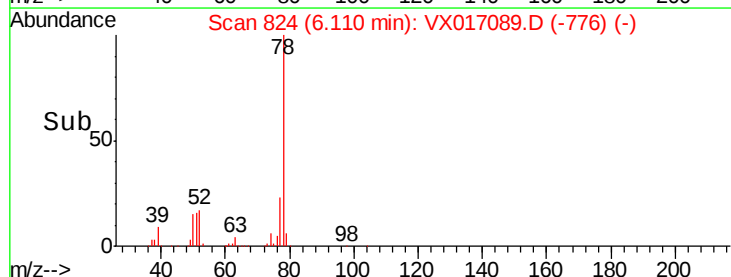
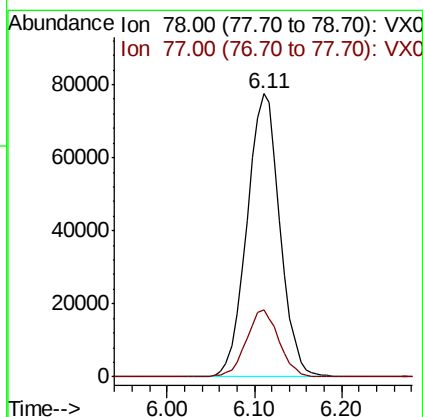
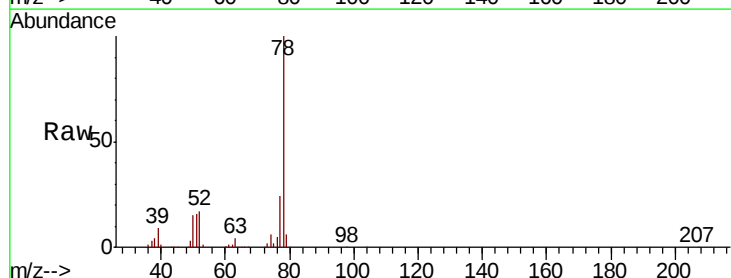
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

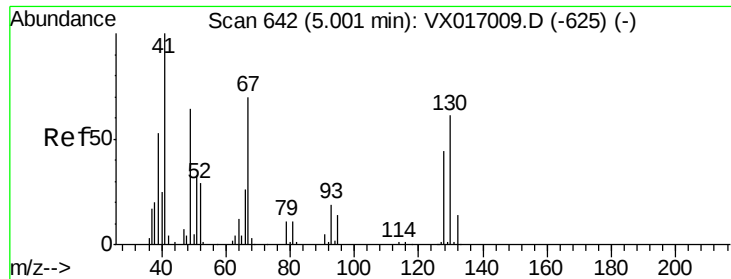
Tot Ion: 83 Resp: 76800
Ion Ratio Lower Upper
83 100
55 76.0 62.5 93.7
98 51.8 40.1 60.1



#40
Benzene
Concen: 19.089 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion: 78 Resp: 201887
Ion Ratio Lower Upper
78 100
77 23.7 18.3 27.5

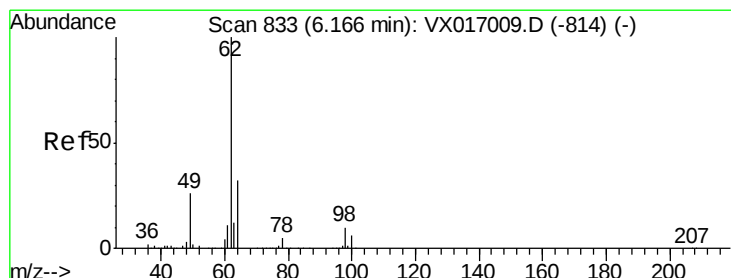
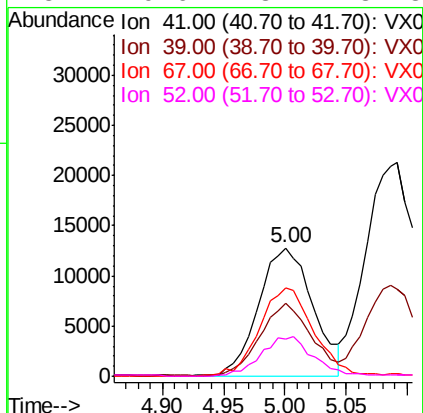
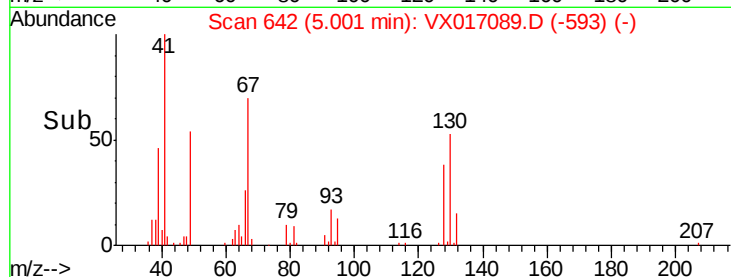
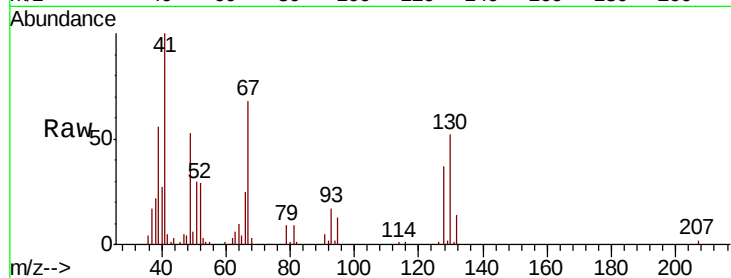




#41
Methacrylonitrile
Concen: 19.360 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

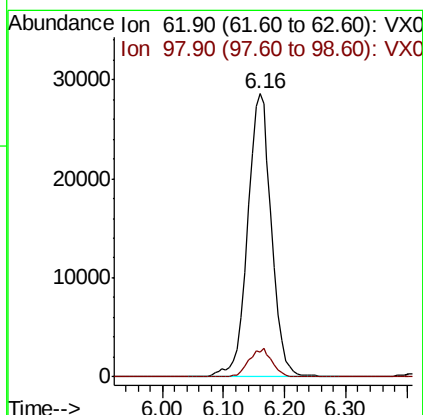
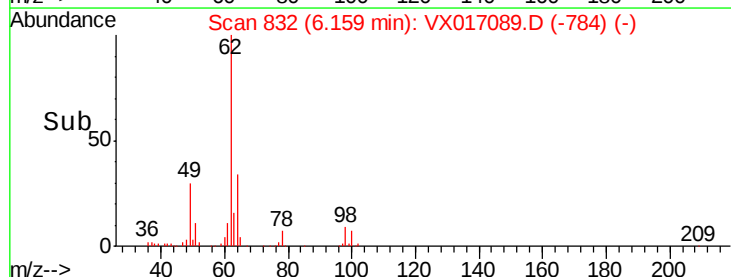
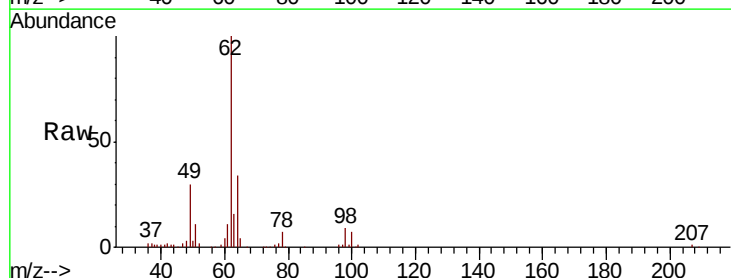
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

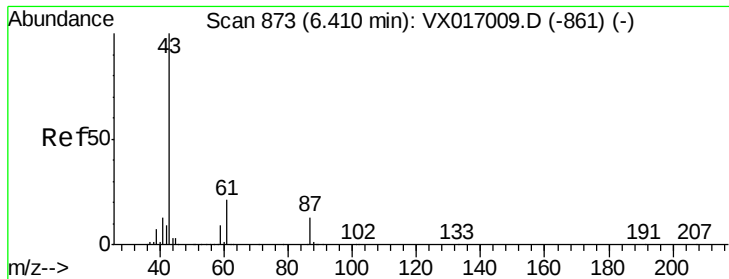
Tot Ion:	41	Resp:	39795
Ion	Ratio	Lower	Upper
41	100		
39	53.8	44.4	66.6
67	68.7	57.1	85.7
52	29.6	23.2	34.8



#42
1,2-Dichloroethane
Concen: 20.379 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion:	62	Resp:	77850
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2



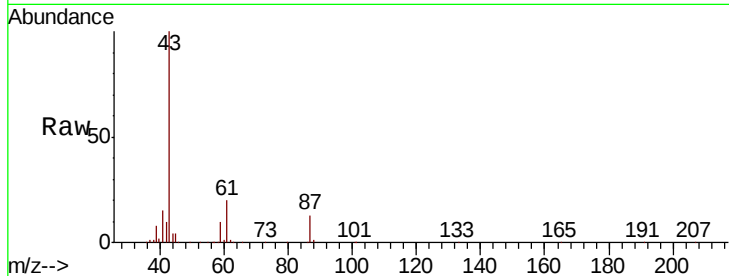


#43

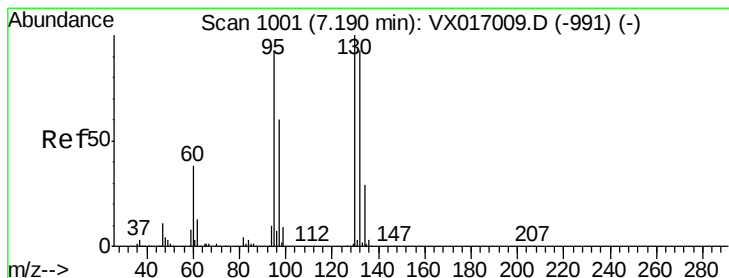
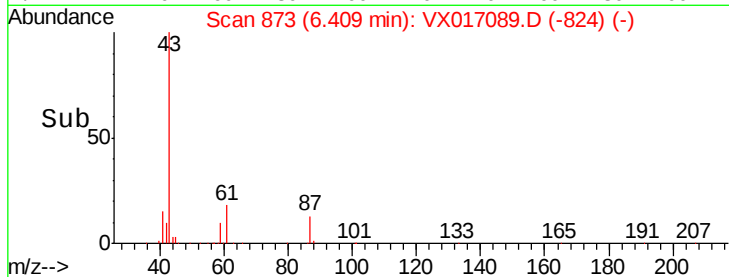
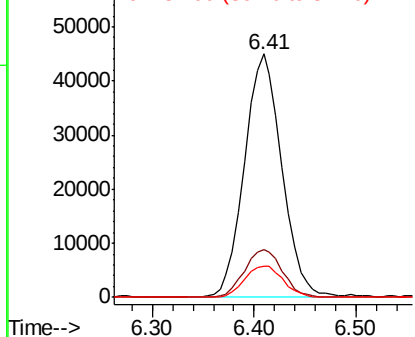
Isopropyl Acetate
 Concen: 18.793 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

Tot Ion: 43 Resp: 114051
 Ion Ratio Lower Upper
 43 100
 61 20.1 16.2 24.2
 87 13.5 10.7 16.1



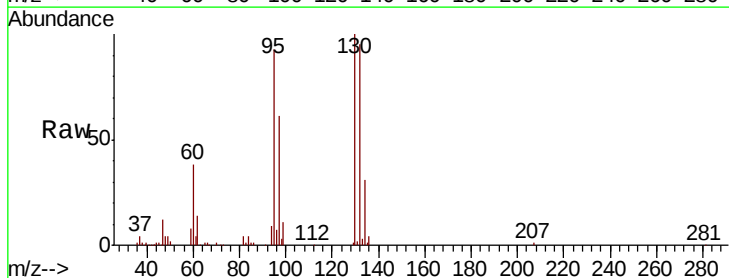
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



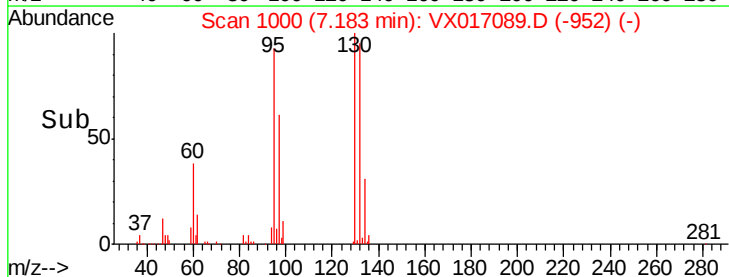
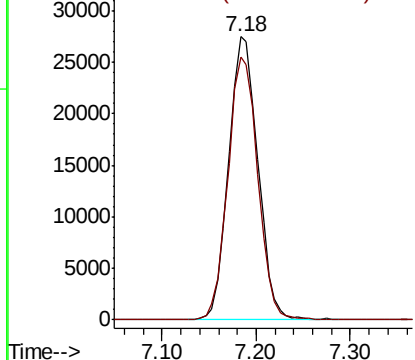
#44

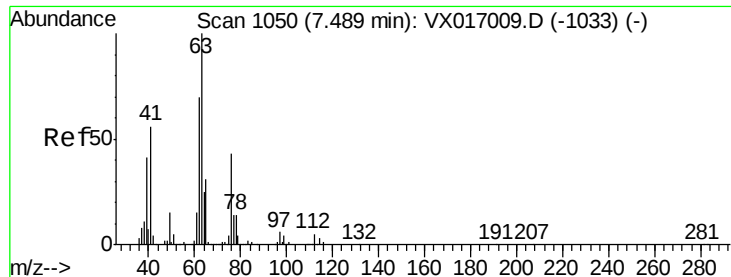
Trichloroethene
 Concen: 20.218 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion: 130 Resp: 59542
 Ion Ratio Lower Upper
 130 100
 95 93.1 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

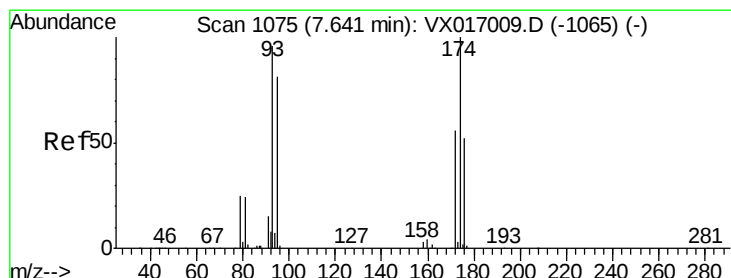
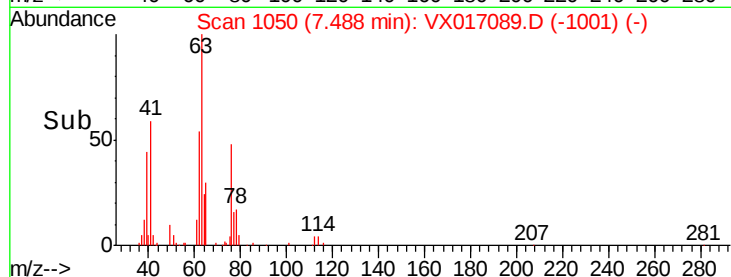
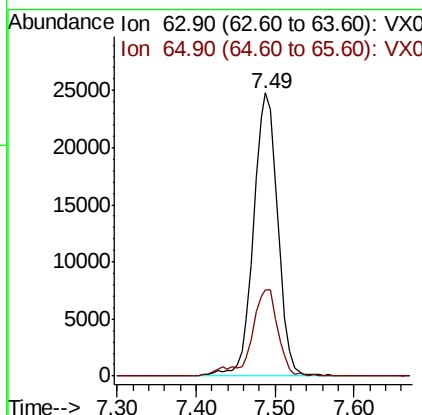
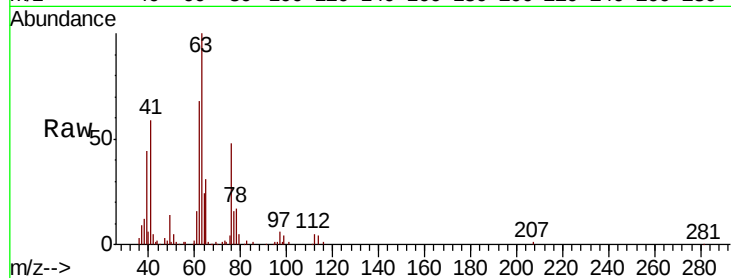




#45
 1,2-Dichloropropane
 Concen: 19.480 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

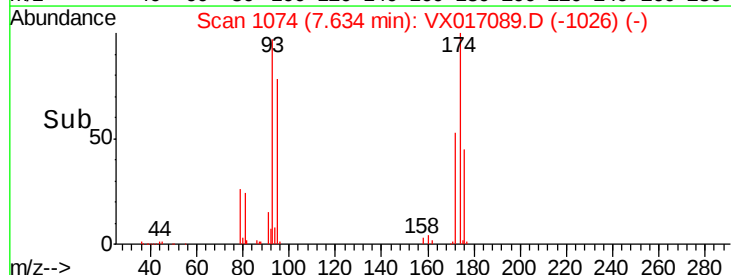
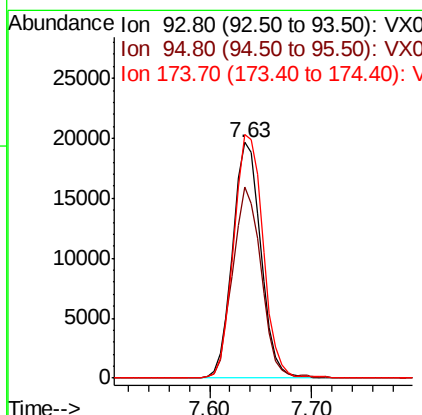
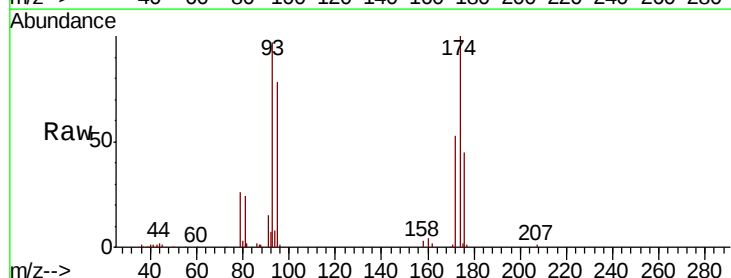
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

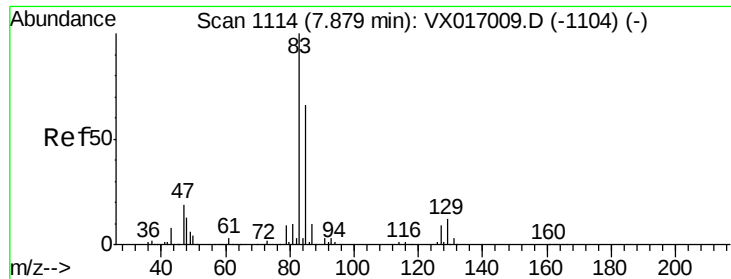
Tot Ion: 63 Resp: 52914
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.6 36.8



#46
 Dibromomethane
 Concen: 20.231 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion: 93 Resp: 37519
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.4 101.0
 174 107.8 84.3 126.5





#47

Bromodichloromethane

Concen: 19.726 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

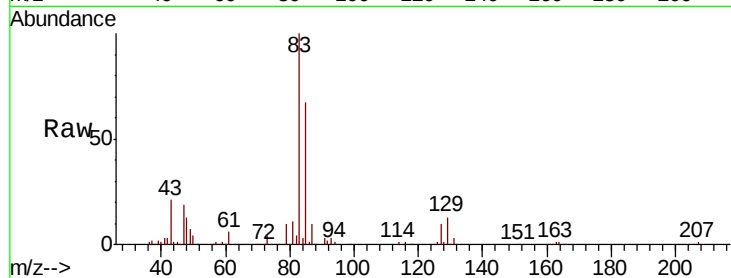
Tot Ion: 83 Resp: 75388

Ion Ratio Lower Upper

83 100

85 66.9 53.0 79.4

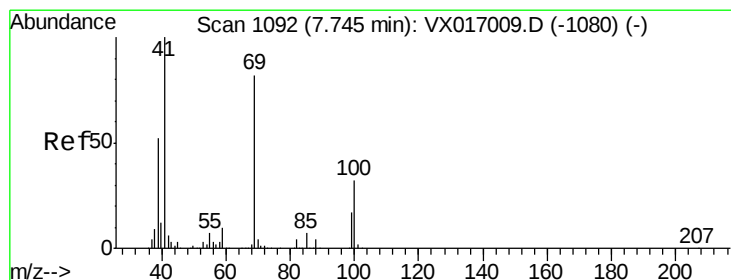
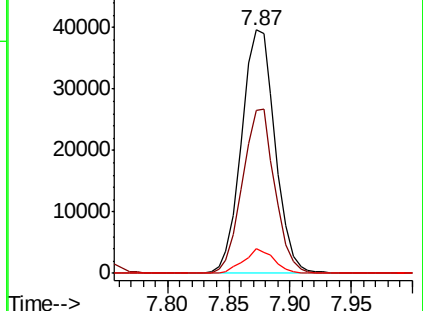
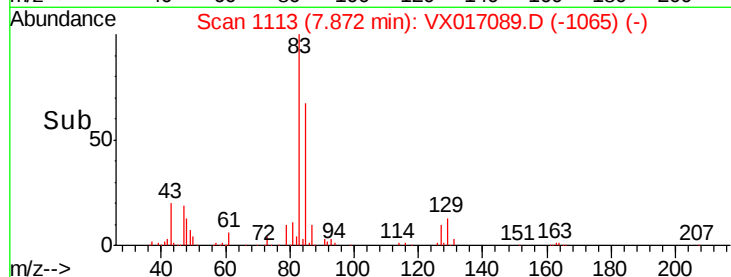
127 9.9 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.399 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

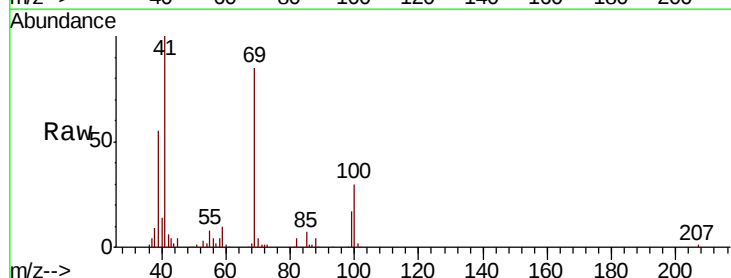
Tgt Ion: 41 Resp: 55931

Ion Ratio Lower Upper

41 100

69 82.9 65.8 98.8

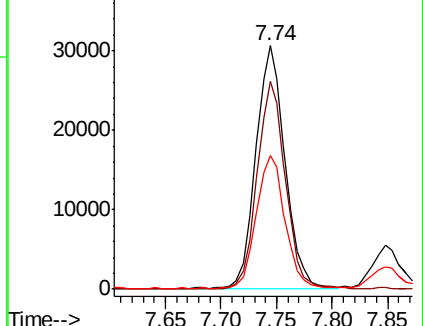
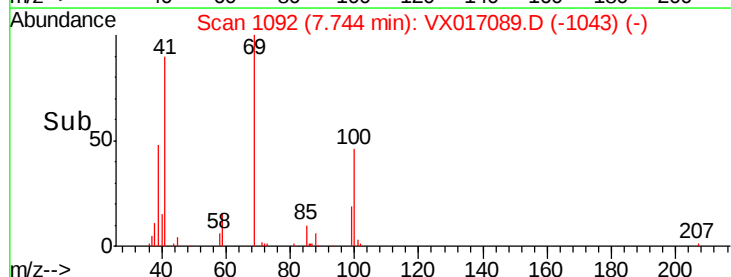
39 54.0 42.5 63.7

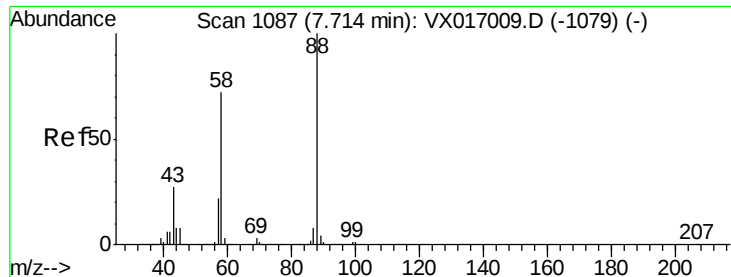


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

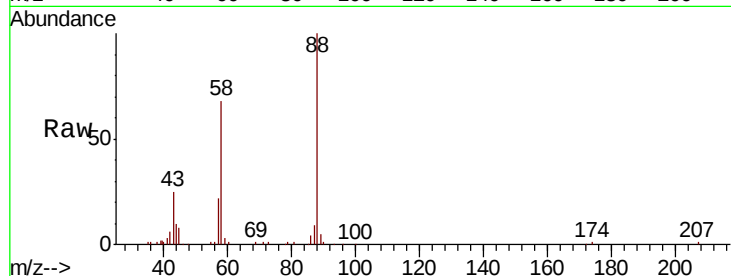




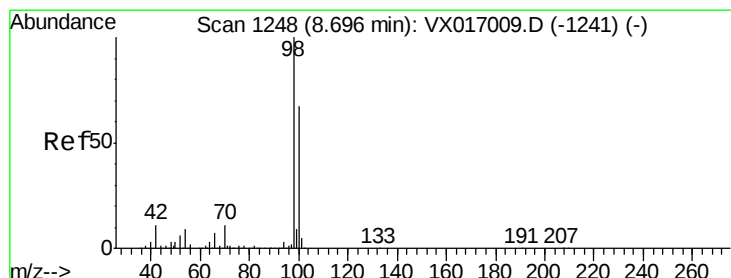
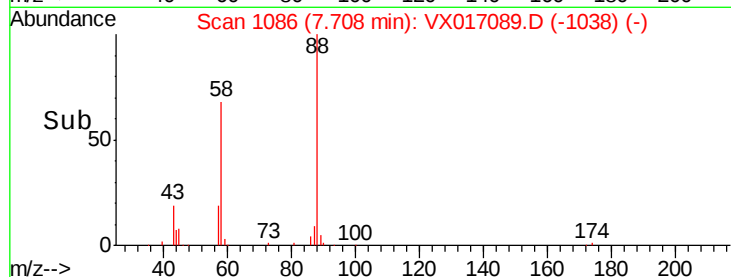
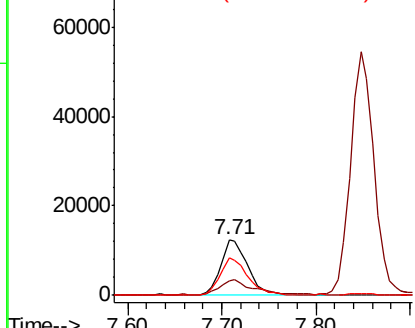
#49
1,4-Dioxane
Concen: 376.894 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampled :
VX0701WBSD01

Tot Ion: 88 Resp: 24618
Ion Ratio Lower Upper
88 100
43 31.1 25.8 38.8
58 70.5 54.8 82.2

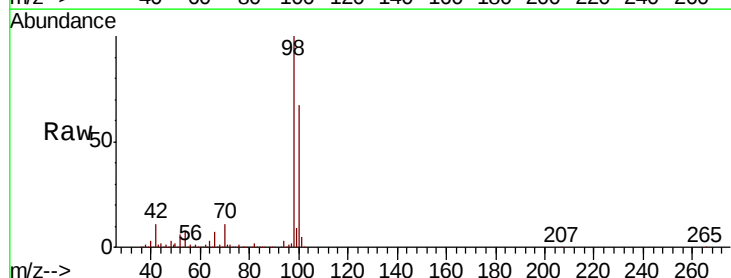


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

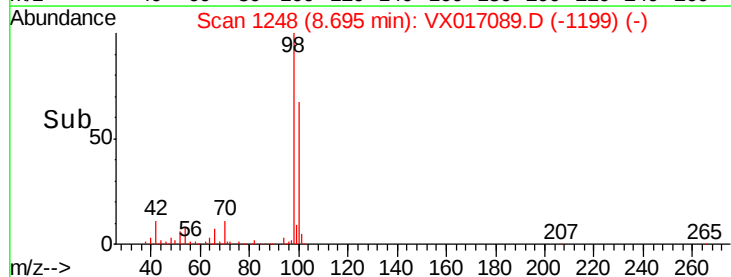
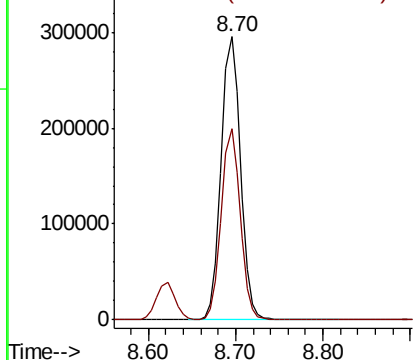


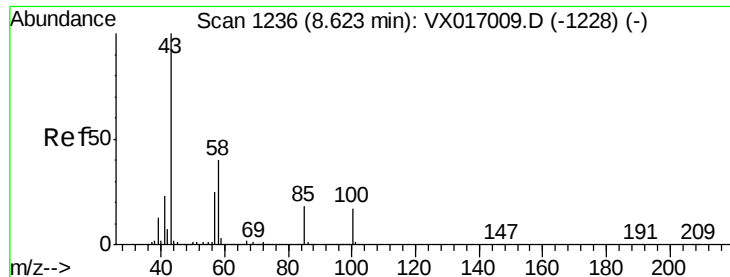
#50
Toluene-d8
Concen: 50.783 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion: 98 Resp: 452399
Ion Ratio Lower Upper
98 100
100 66.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

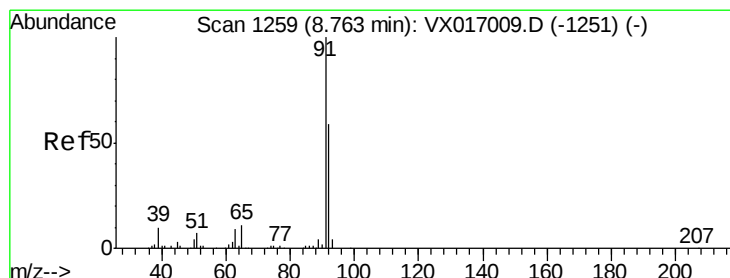
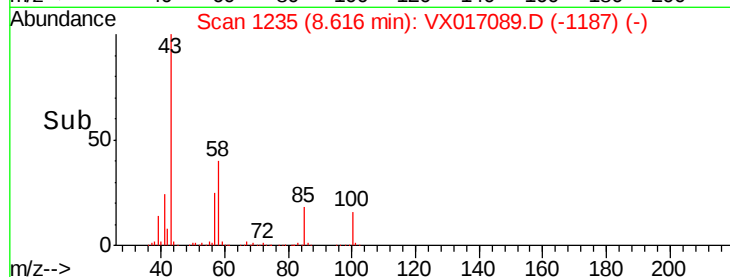
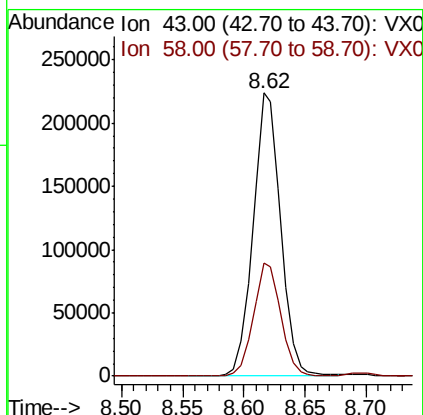
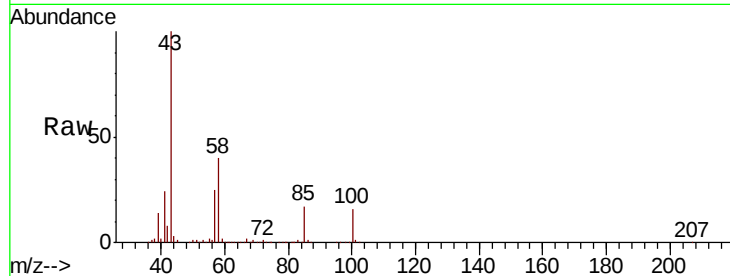




#51
 4-Methyl-2-Pentanone
 Concen: 96.831 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

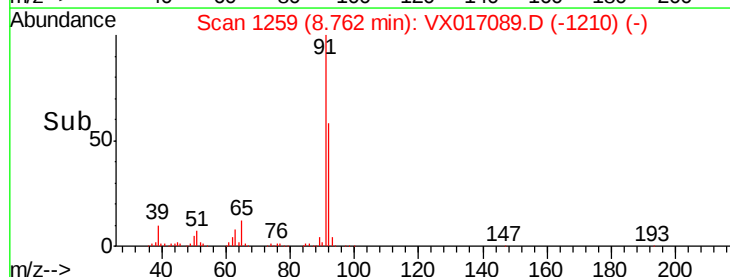
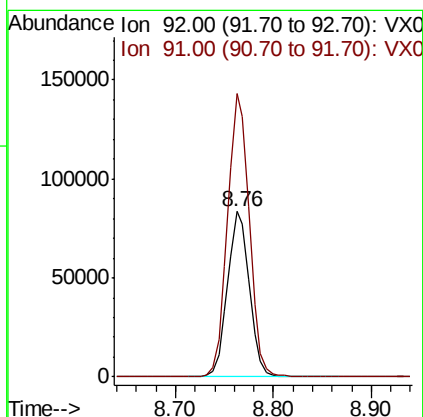
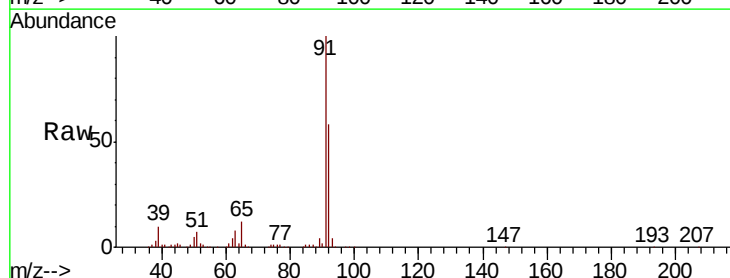
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

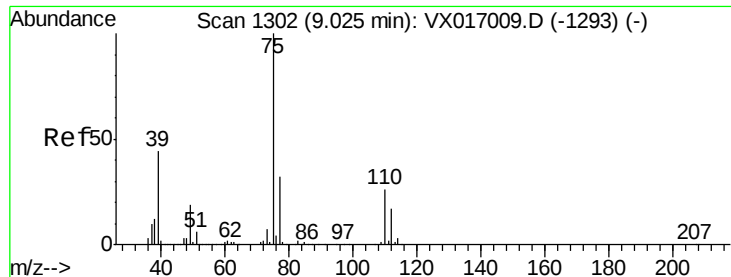
Tot Ion: 43 Resp: 350289
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.9 47.9



#52
 Toluene
 Concen: 19.567 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion: 92 Resp: 129199
 Ion Ratio Lower Upper
 92 100
 91 171.7 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 19.379 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

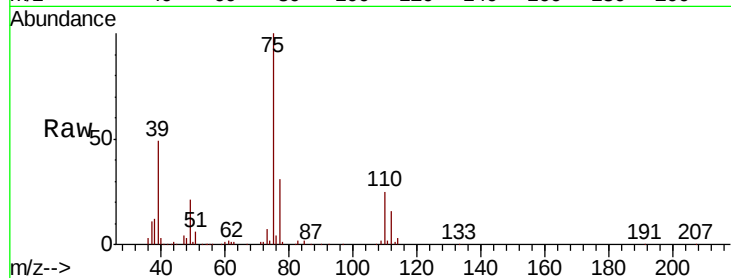
VX0701WBSD01

Tot Ion: 75 Resp: 81717

Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

60000

50000

40000

30000

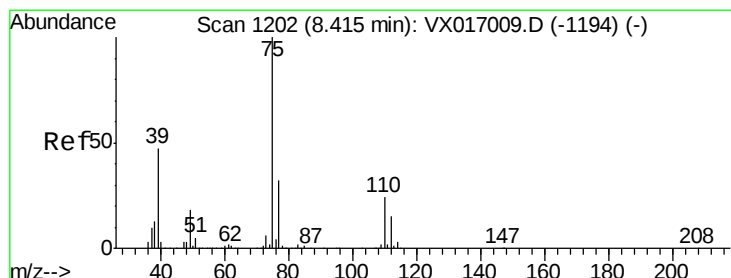
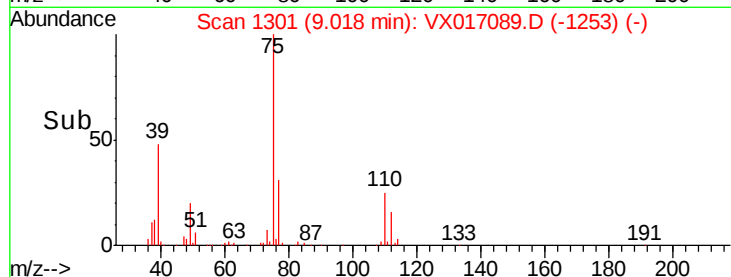
20000

10000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.406 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

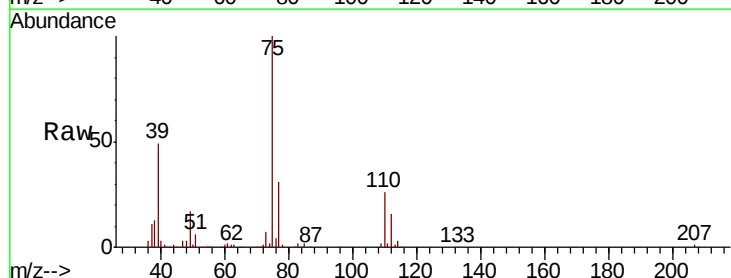
Tgt Ion: 75 Resp: 87719

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

39 48.4 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.41

60000

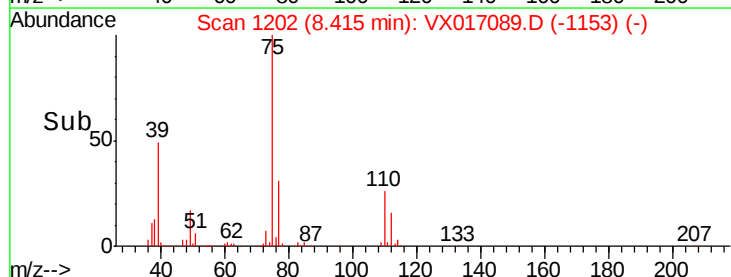
40000

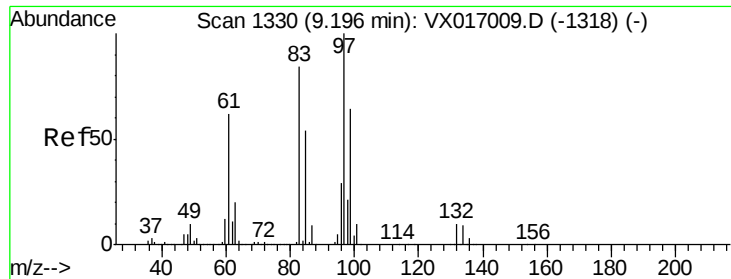
20000

0

8.35 8.40 8.45 8.50

Time-->

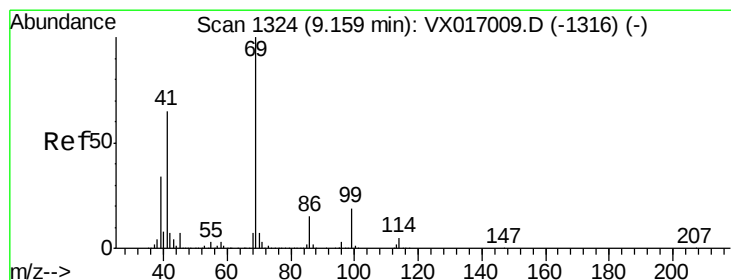
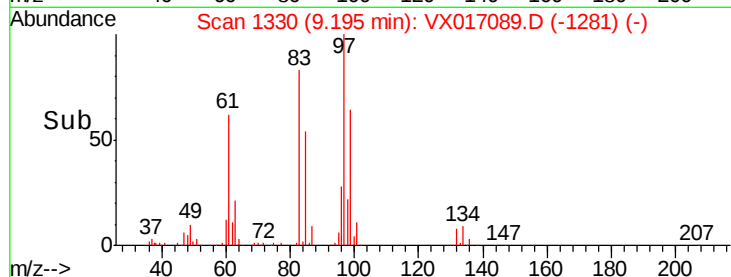
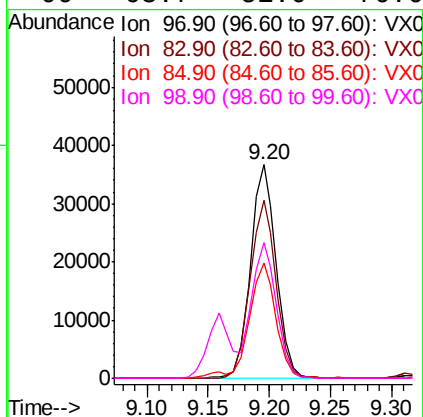
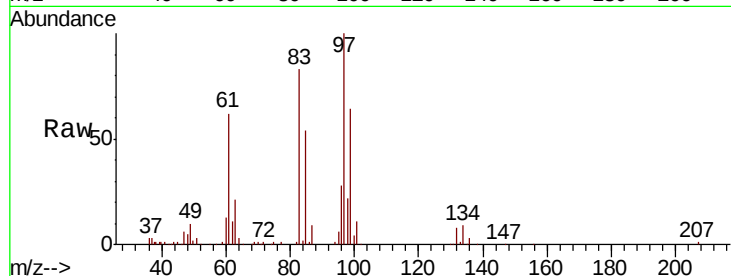




#55
 1,1,2-Trichloroethane
 Concen: 19.869 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

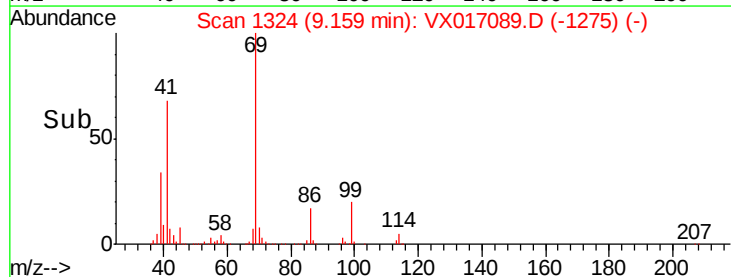
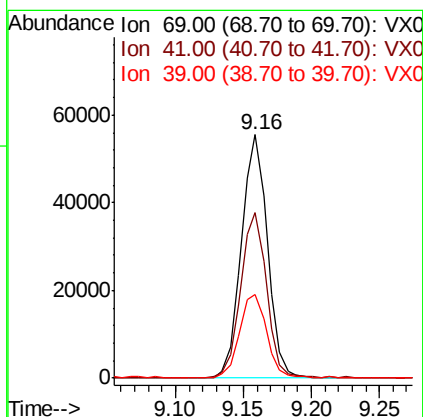
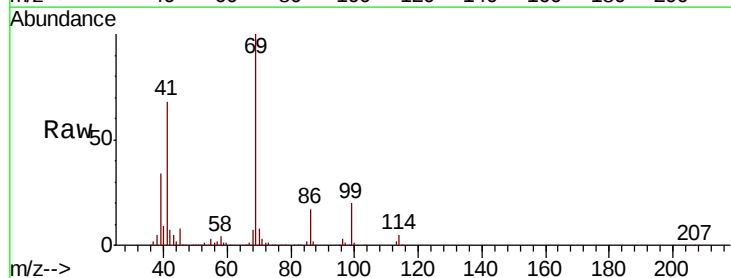
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

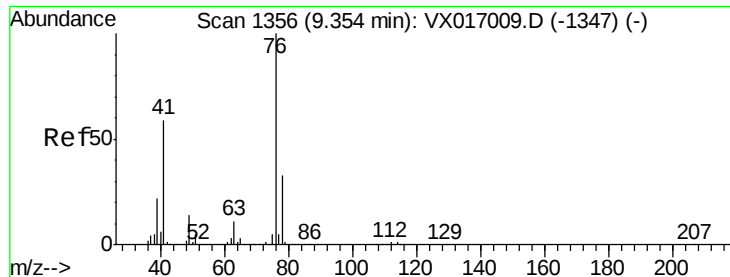
Tot Ion:	97	Resp:	53603
Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.0	100.6
85	53.4	43.5	65.3
99	63.7	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 19.357 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion:	69	Resp:	74327
Ion	Ratio	Lower	Upper
69	100		
41	67.5	53.6	80.4
39	35.6	28.2	42.2





#57

1,3-Dichloropropane

Concen: 19.636 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

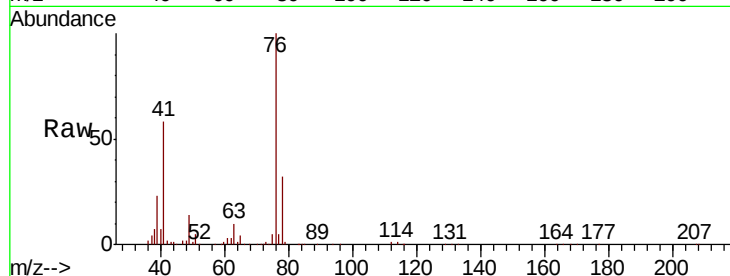
VX0701WBSD01

Tot Ion: 76 Resp: 89638

Ion Ratio Lower Upper

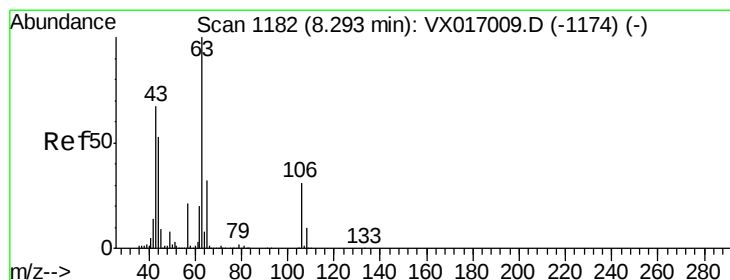
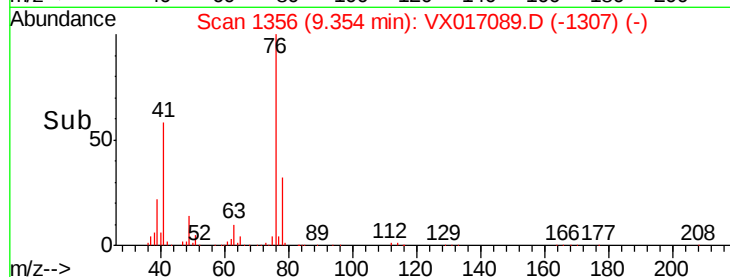
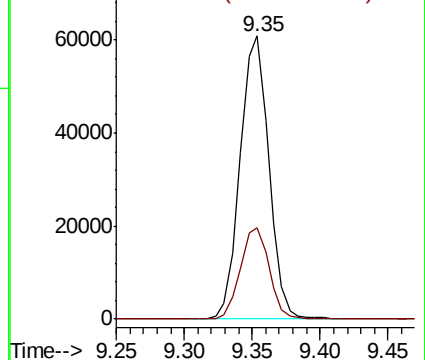
76 100

78 32.4 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 95.193 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017089.D

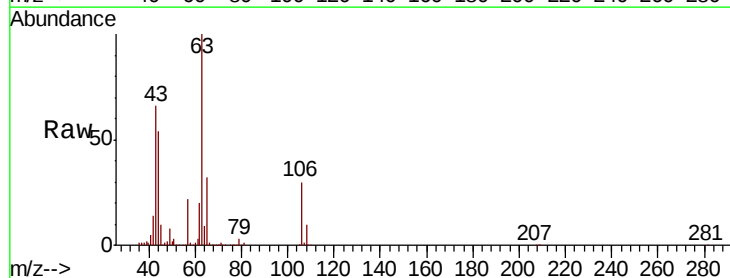
Acq: 01 Jul 2020 11:50

Tgt Ion: 63 Resp: 181919

Ion Ratio Lower Upper

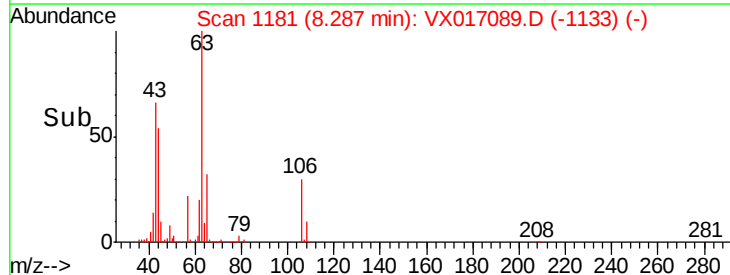
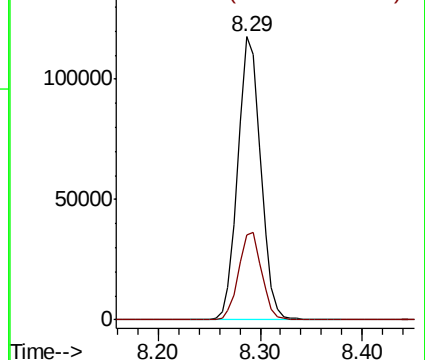
63 100

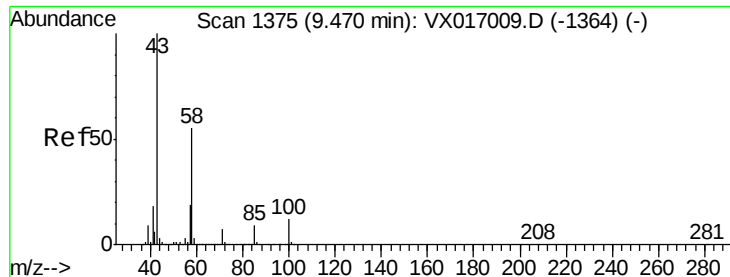
106 31.0 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

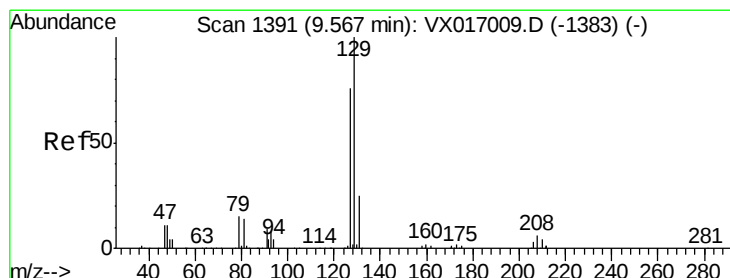
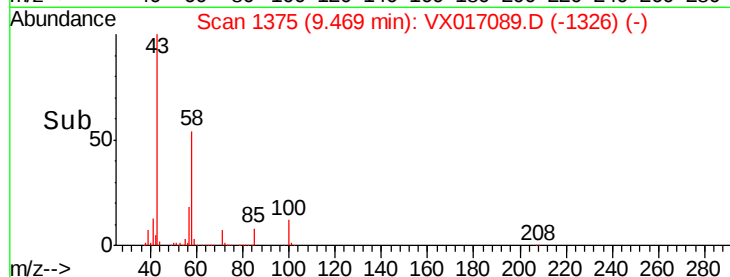
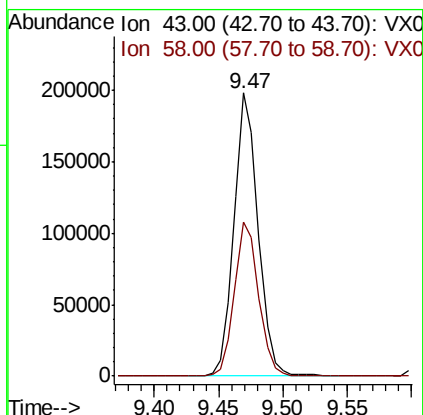
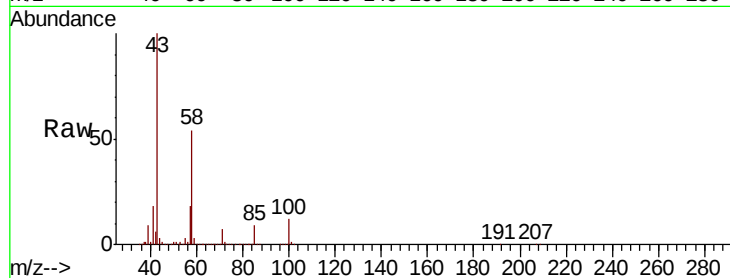




#59
2-Hexanone
Concen: 97.662 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

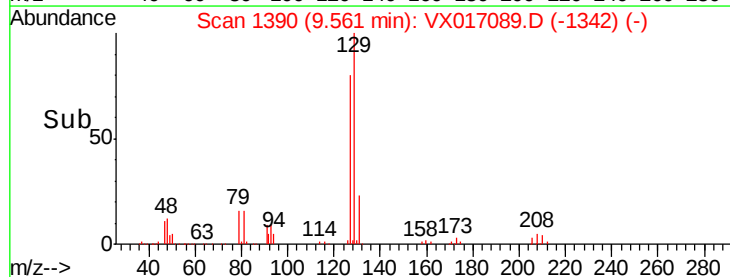
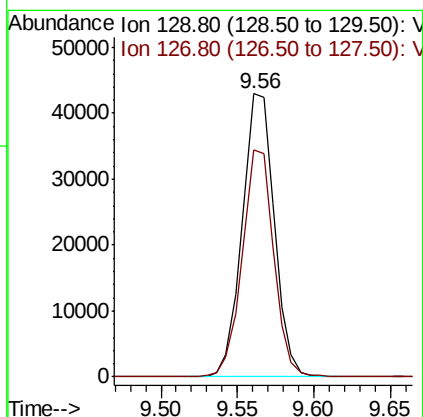
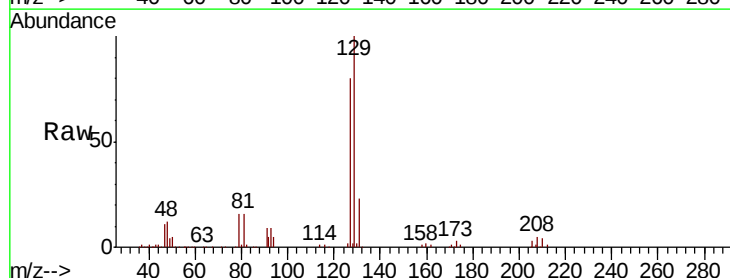
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

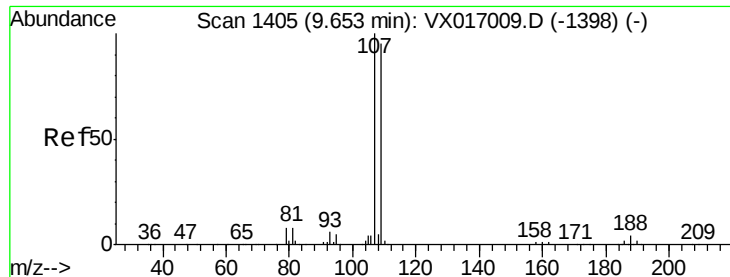
Tot Ion: 43 Resp: 258023
Ion Ratio Lower Upper
43 100
58 55.2 27.9 83.6



#60
Dibromochloromethane
Concen: 19.979 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion: 129 Resp: 62603
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.7

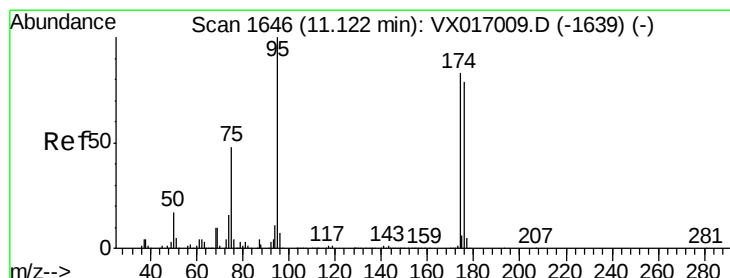
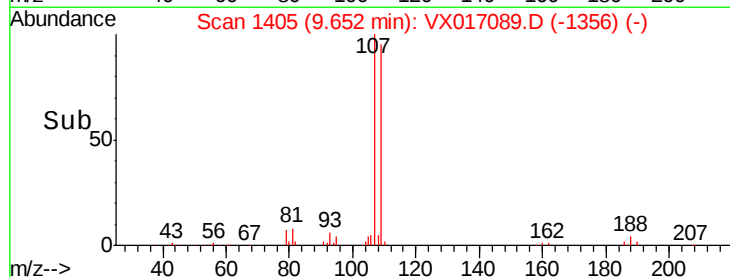
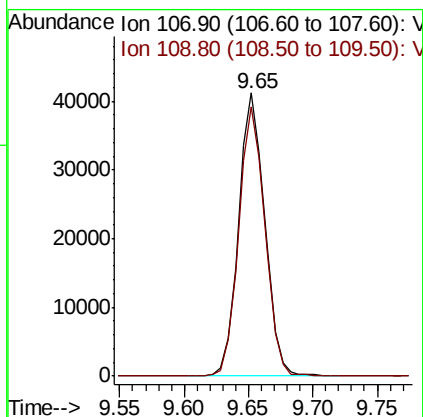
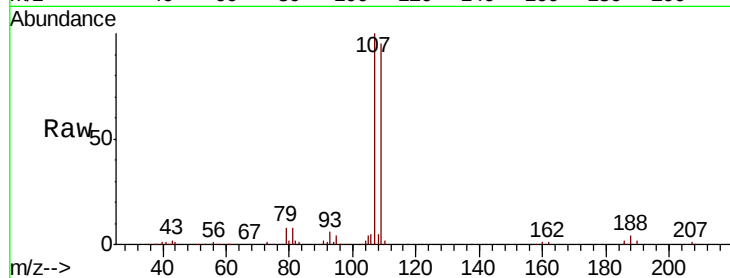




#61
 1,2-Dibromoethane
 Concen: 19.906 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

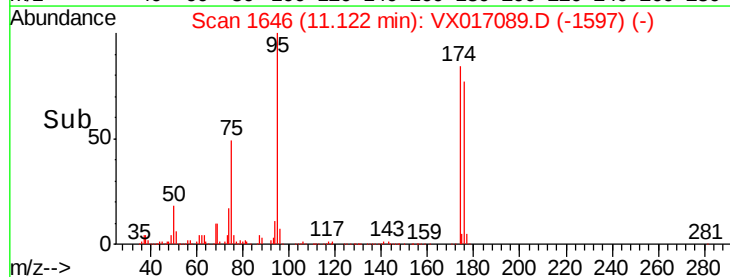
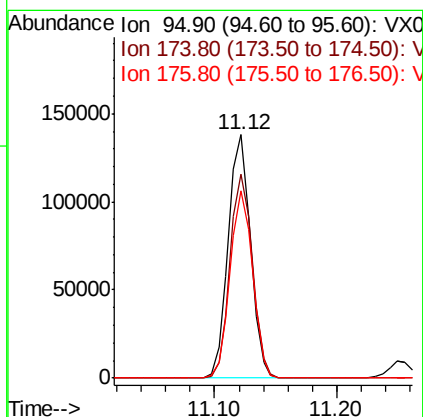
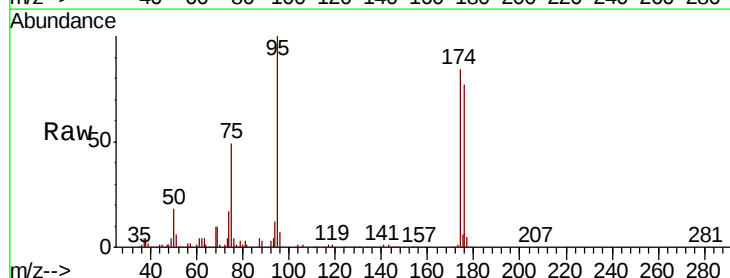
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

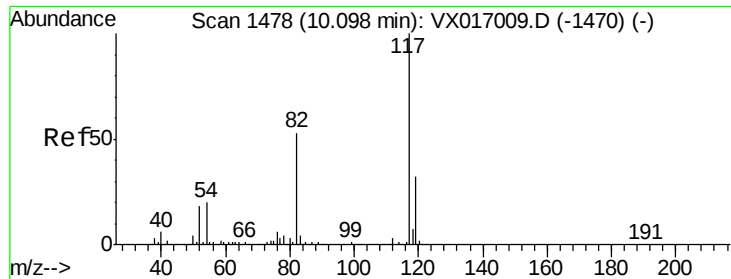
Tot Ion:107 Resp: 57723
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 49.764 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion: 95 Resp: 173301
 Ion Ratio Lower Upper
 95 100
 174 84.4 0.0 164.0
 176 77.9 0.0 157.6

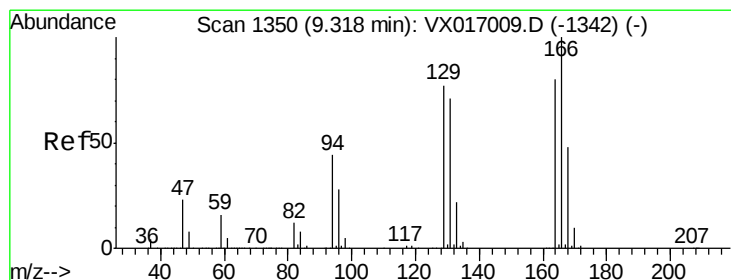
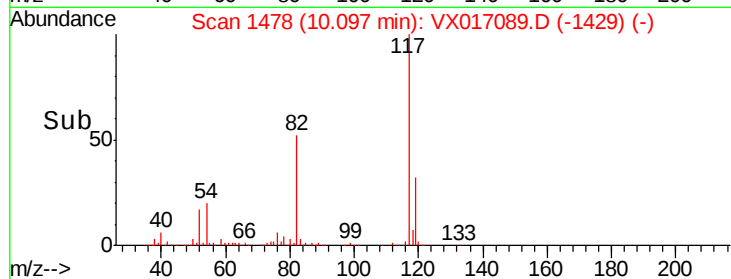
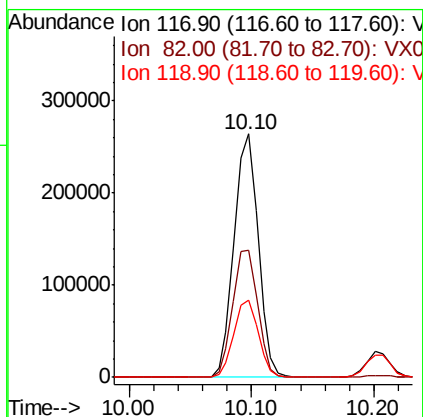
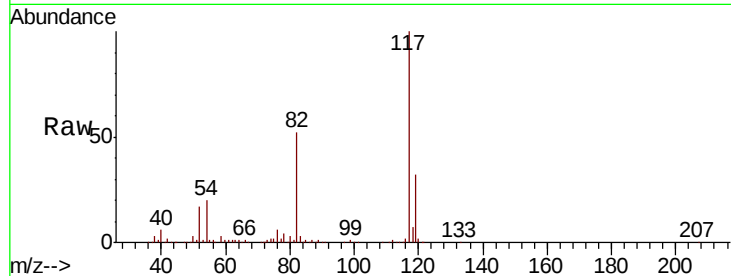




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

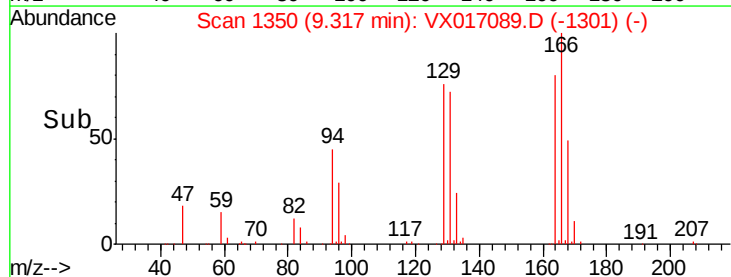
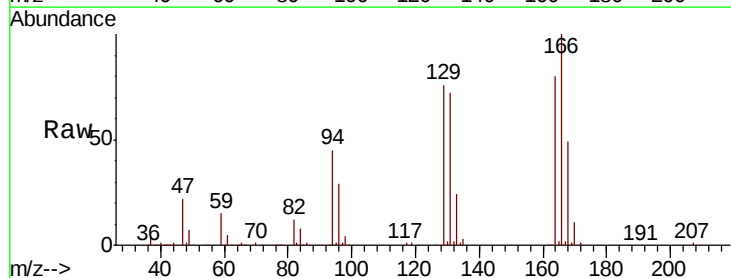
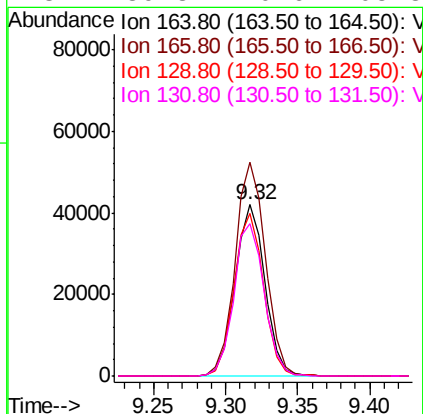
Instrument :
MSVOA_X
ClientSampled :
VX0701WBSD01

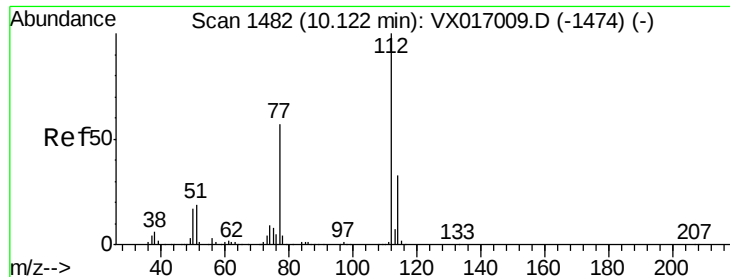
Tot Ion:117 Resp: 360178
Ion Ratio Lower Upper
117 100
82 52.3 42.6 63.8
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 20.775 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion:164 Resp: 60391
Ion Ratio Lower Upper
164 100
166 124.8 99.4 149.0
129 94.9 76.3 114.5
131 89.3 70.6 105.8

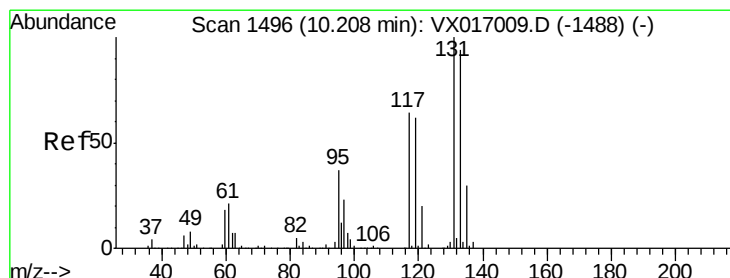
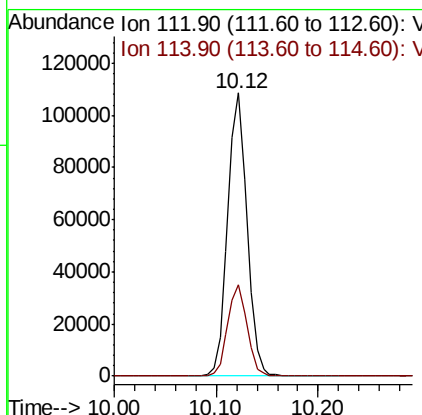
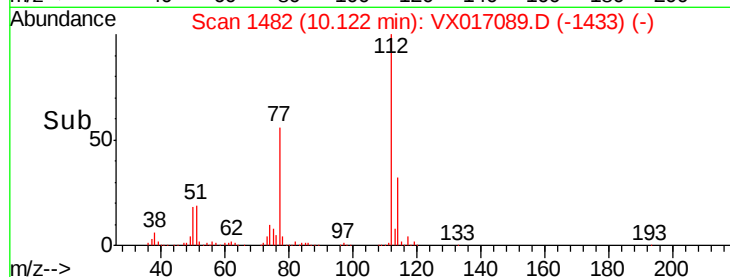
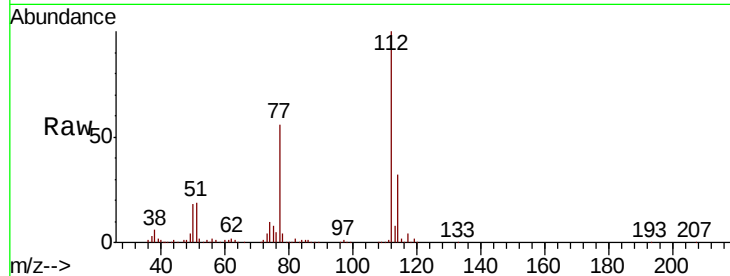




#65
Chlorobenzene
Concen: 19.134 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

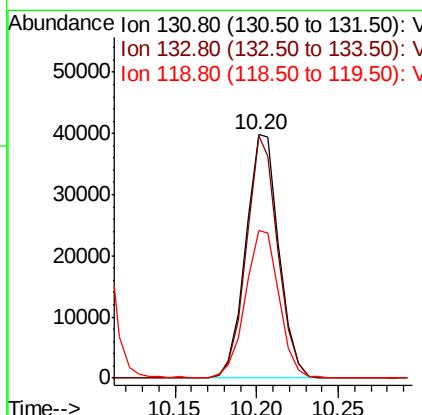
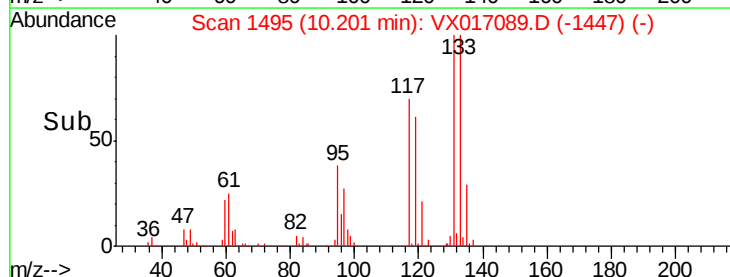
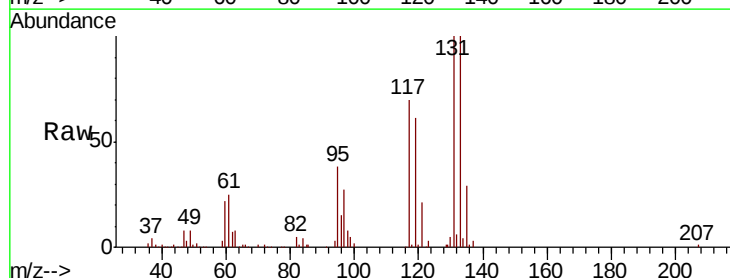
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

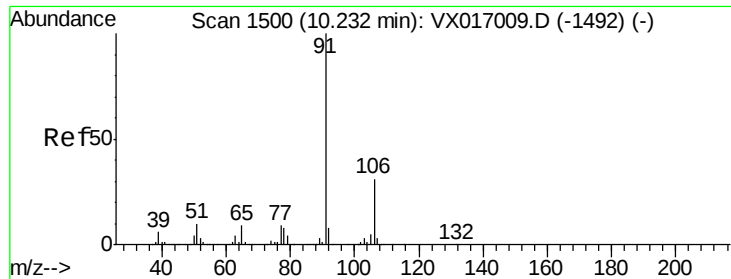
Tot Ion:112 Resp: 142238
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.555 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion:131 Resp: 56024
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 61.6 31.9 95.5

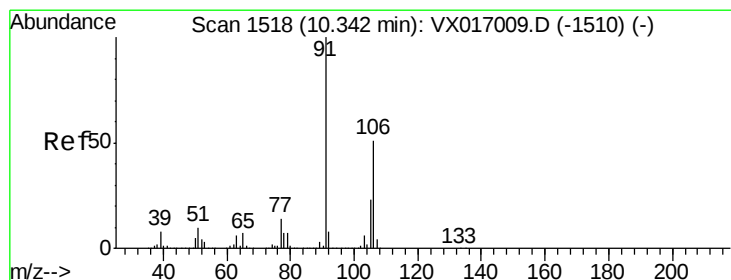
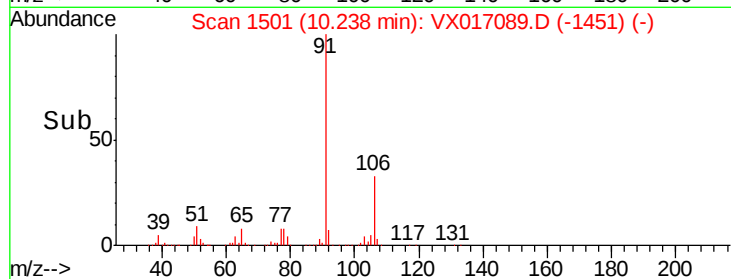
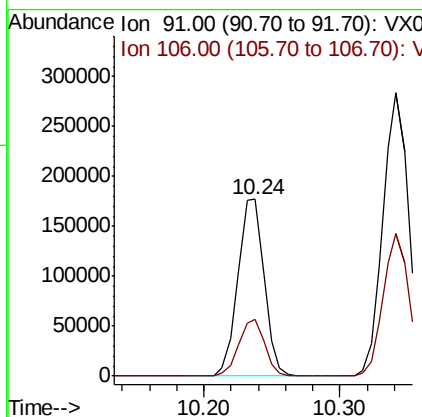
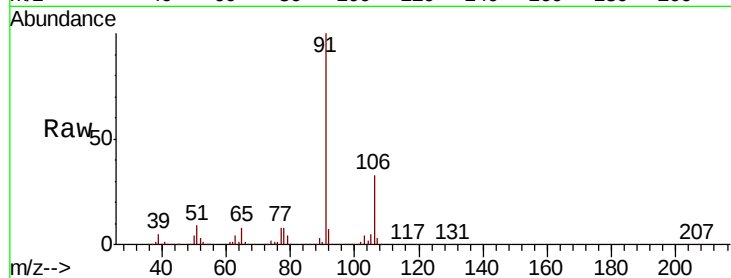




#67
Ethyl Benzene
Concen: 19.229 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

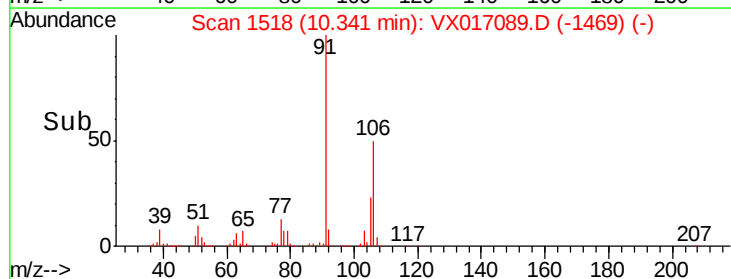
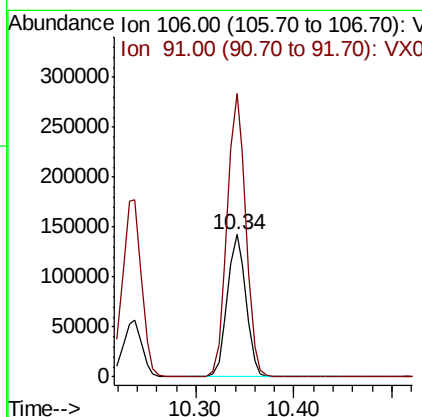
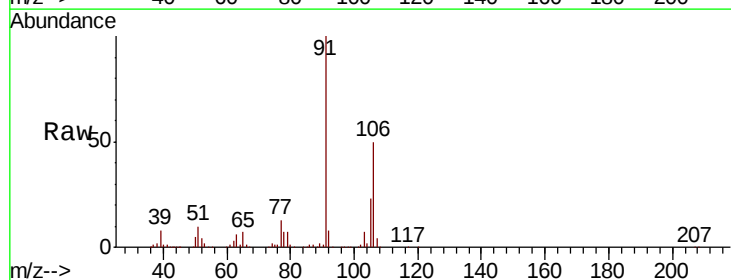
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

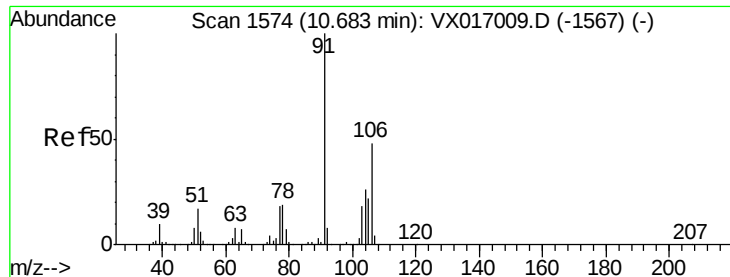
Tot Ion: 91 Resp: 238715
Ion Ratio Lower Upper
91 100
106 32.5 24.7 37.1



#68
m/p-Xylenes
Concen: 39.708 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion: 106 Resp: 189280
Ion Ratio Lower Upper
106 100
91 199.1 158.6 238.0

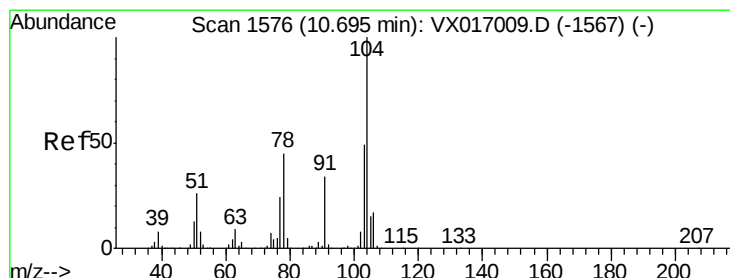
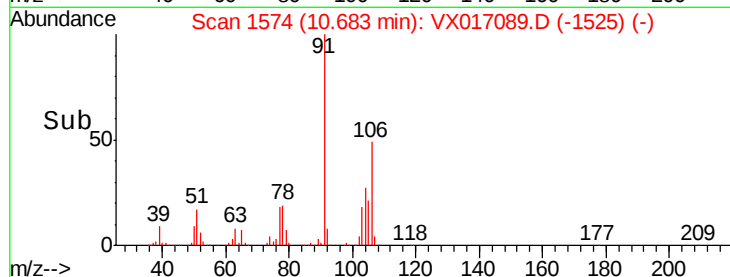
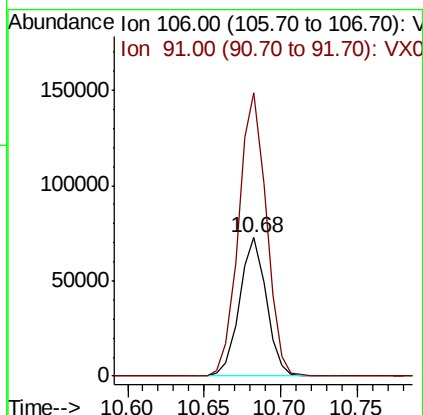
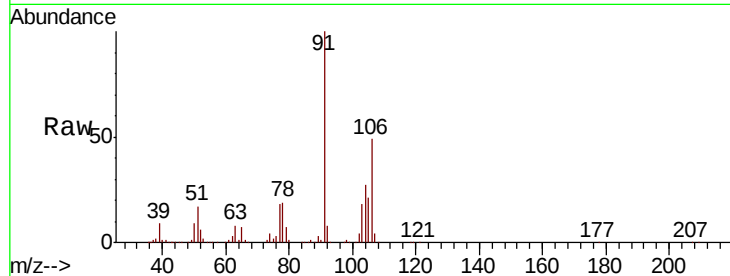




#69
o-Xylene
Concen: 19.522 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

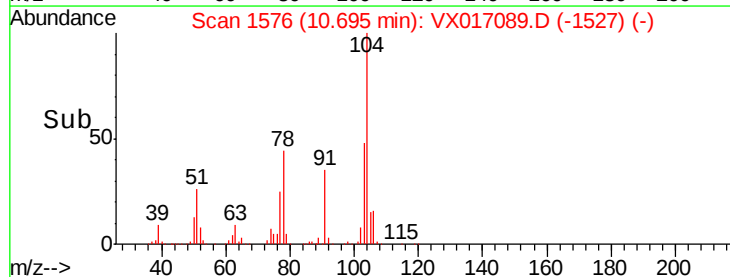
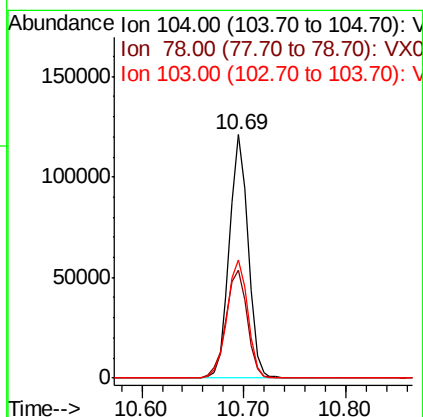
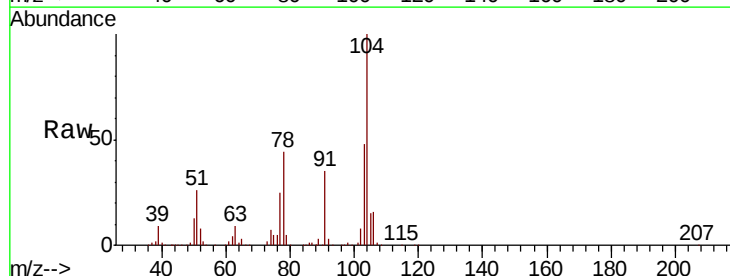
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

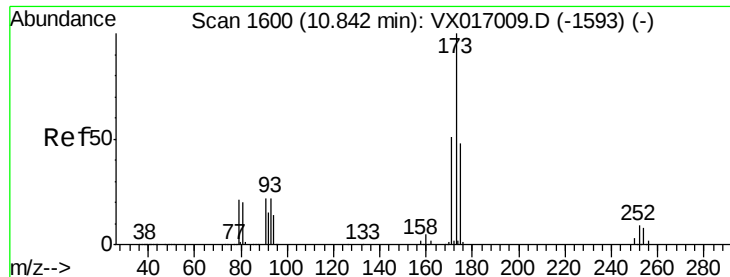
Tot Ion:106 Resp: 88525
Ion Ratio Lower Upper
106 100
91 211.7 105.6 316.7



#70
Styrene
Concen: 19.871 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion:104 Resp: 153446
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 53.9 43.0 64.6





#71

Bromoform

Concen: 20.394 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

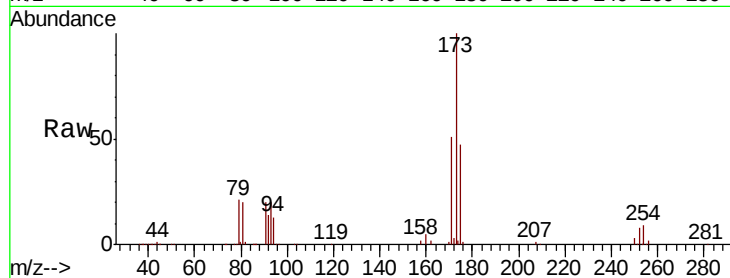
Tot Ion:173 Resp: 46332

Ion Ratio Lower Upper

173 100

175 47.6 24.5 73.5

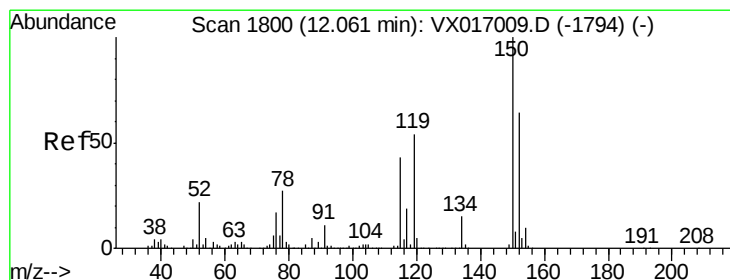
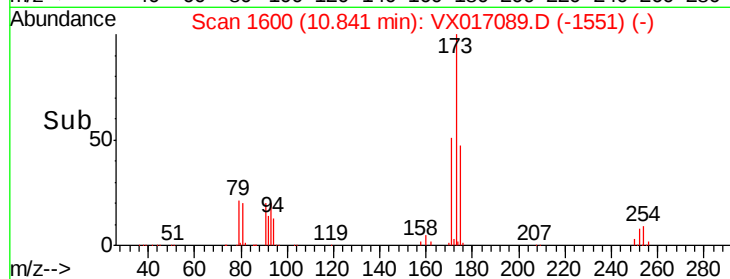
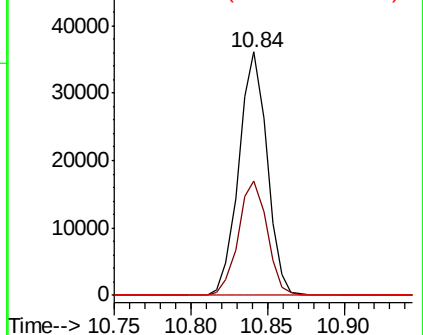
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

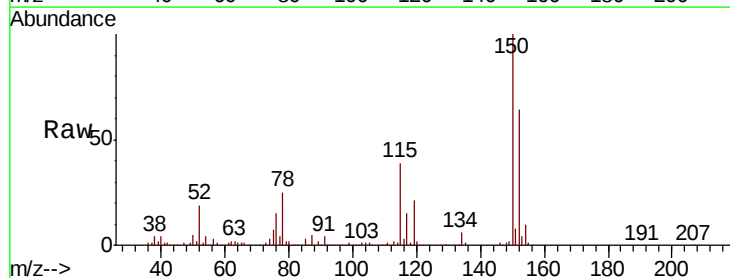
Tgt Ion:152 Resp: 192575

Ion Ratio Lower Upper

152 100

115 66.0 40.9 122.7

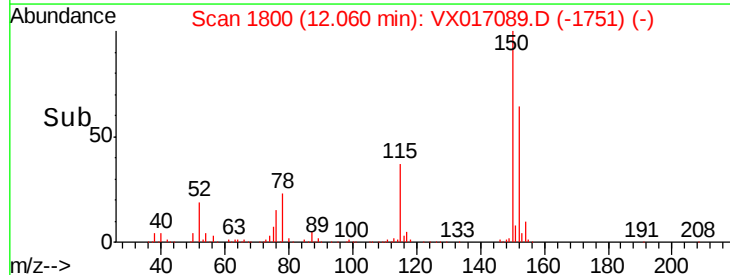
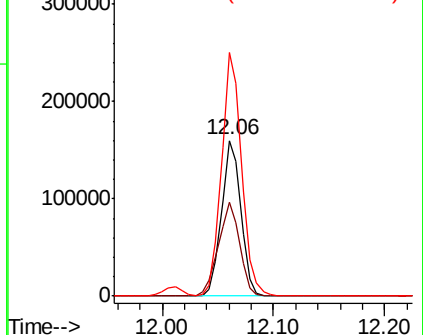
150 162.2 0.0 351.6

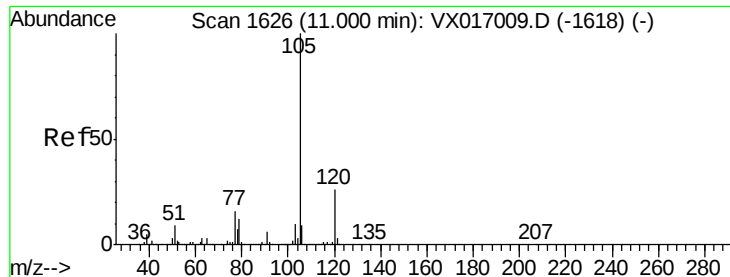


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.833 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

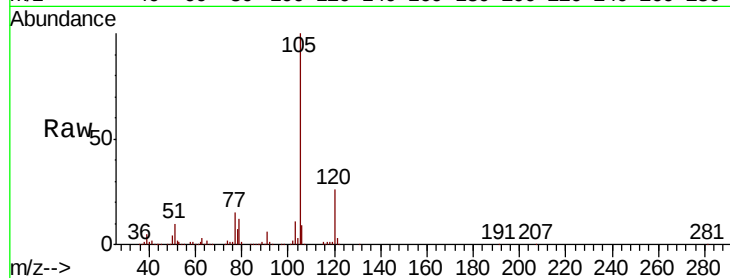
VX0701WBSD01

Tot Ion:105 Resp: 237562

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

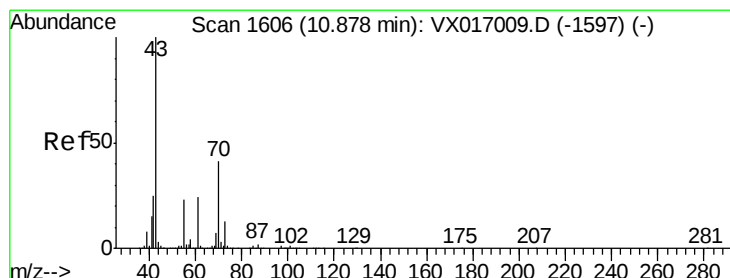
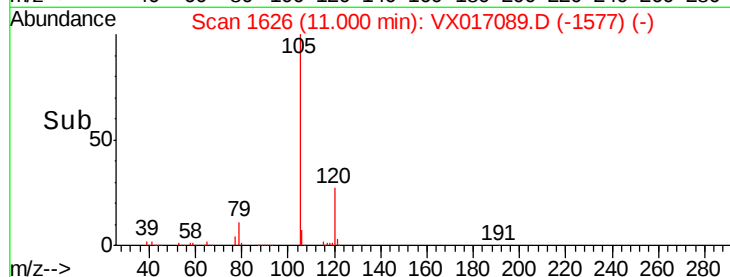
100000

50000

0

11.00

Time-->



#74

N-ethyl acetate

Concen: 18.165 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Tgt Ion: 43 Resp: 97767

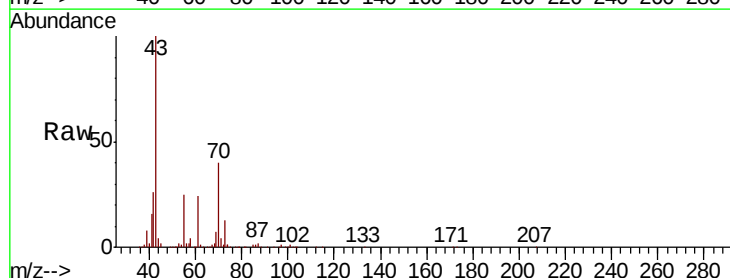
Ion Ratio Lower Upper

43 100

70 43.0 34.2 51.2

55 25.2 19.2 28.8

61 24.5 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

120000

100000

80000

60000

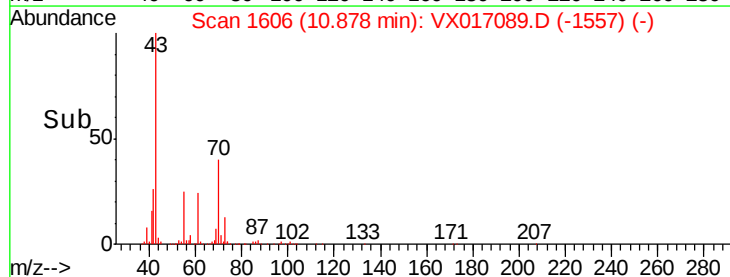
40000

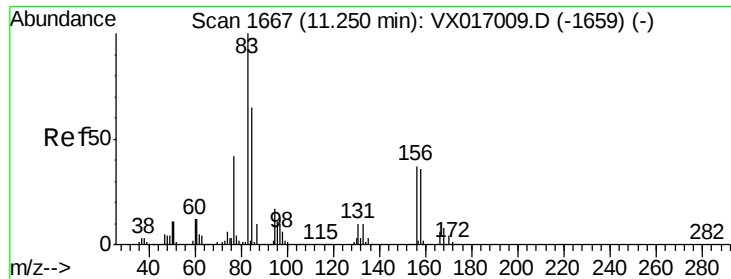
20000

0

10.88

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.863 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

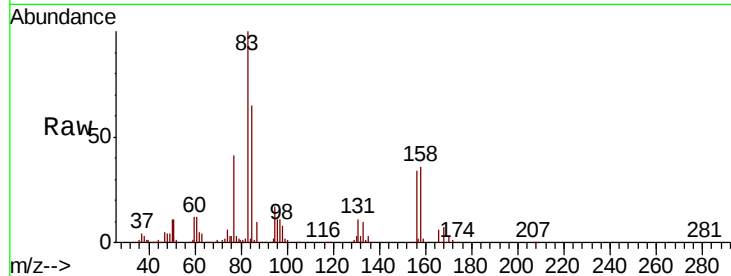
Tot Ion: 83 Resp: 74843

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

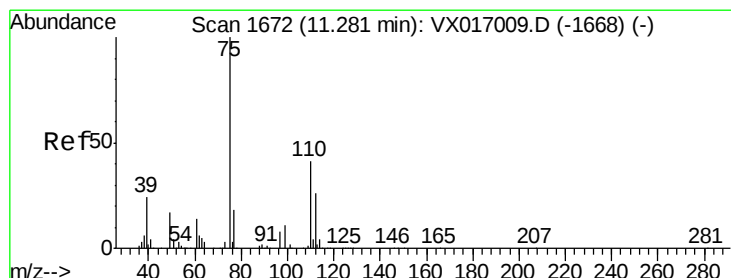
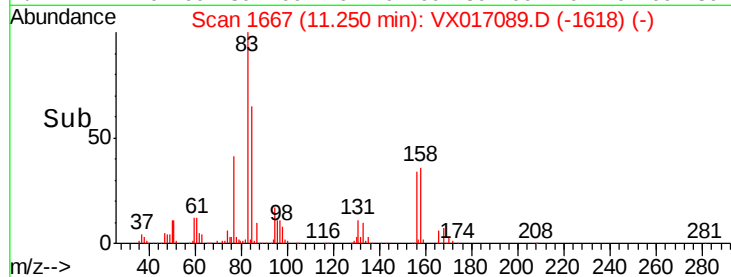
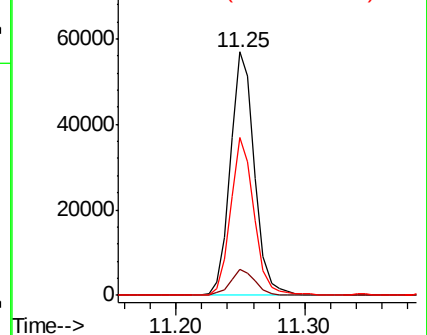
85 63.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.261 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017089.D

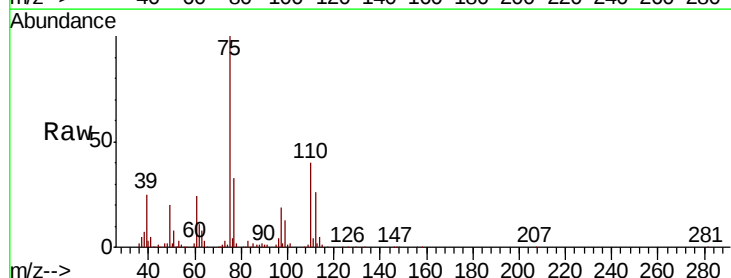
Acq: 01 Jul 2020 11:50

Tgt Ion: 75 Resp: 91872

Ion Ratio Lower Upper

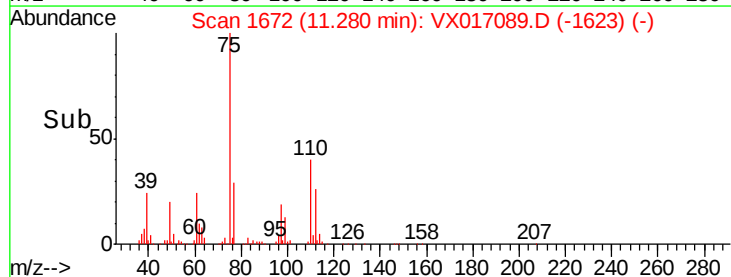
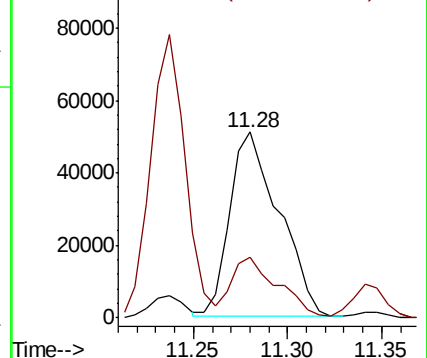
75 100

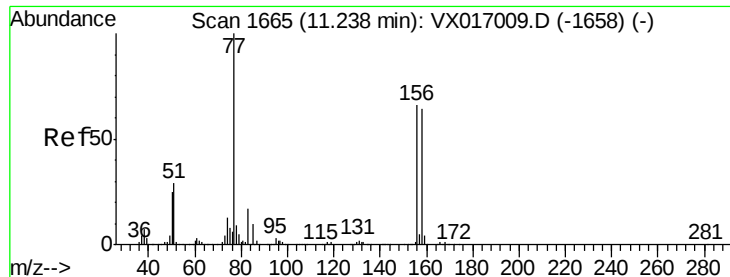
77 30.9 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.769 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

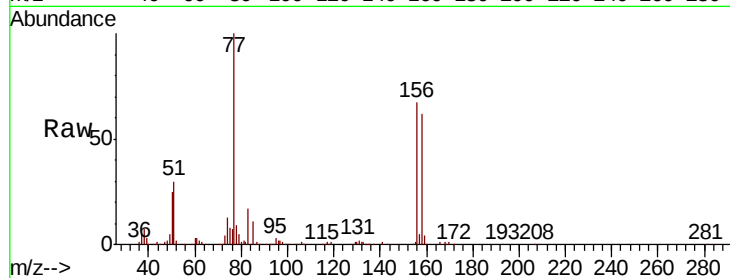
Tot Ion:156 Resp: 65069

Ion Ratio Lower Upper

156 100

77 154.0 76.9 230.7

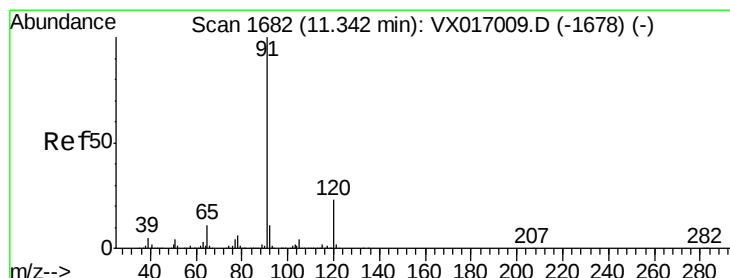
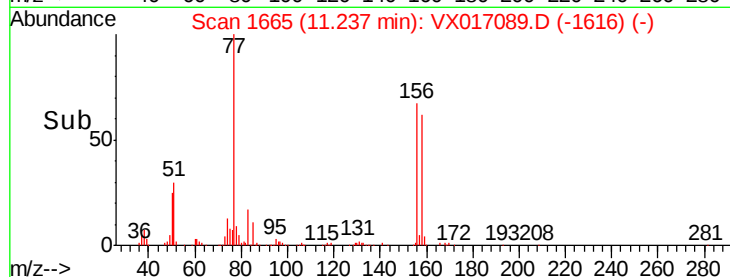
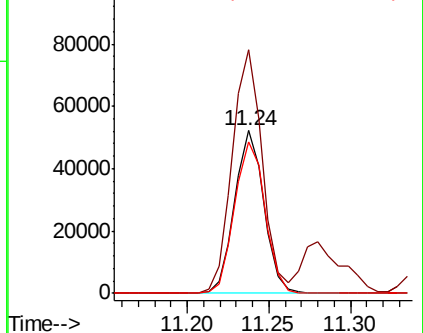
158 97.2 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.974 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017089.D

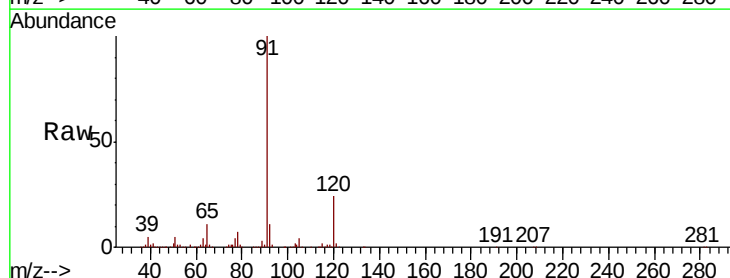
Acq: 01 Jul 2020 11:50

Tgt Ion: 91 Resp: 270642

Ion Ratio Lower Upper

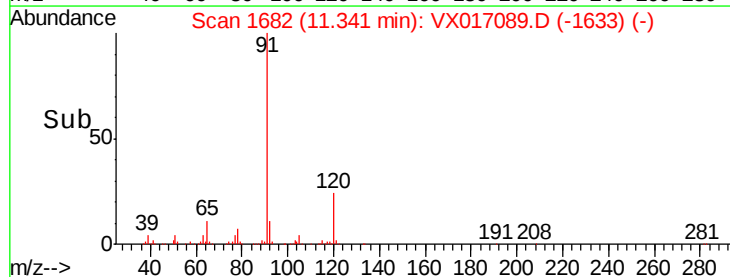
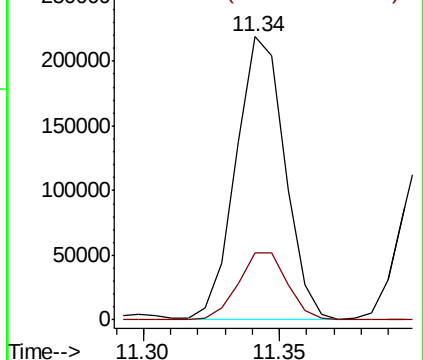
91 100

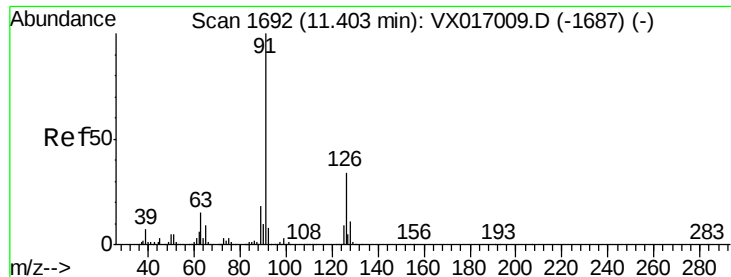
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

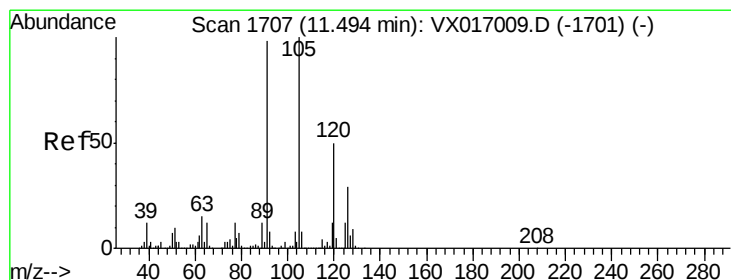
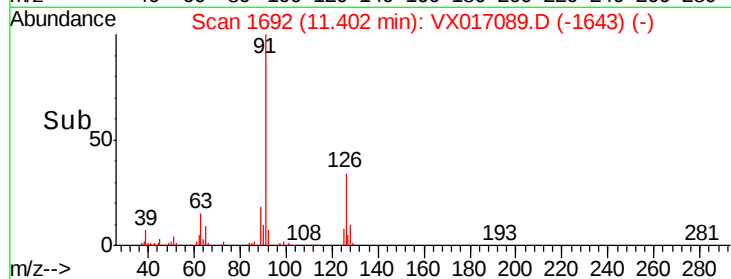
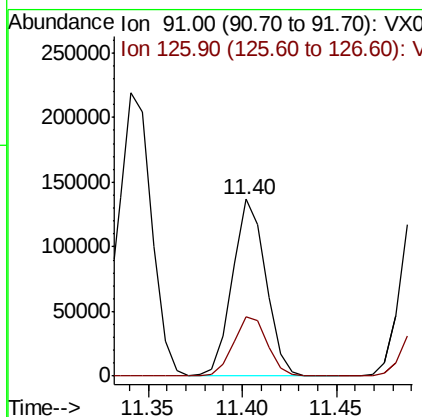
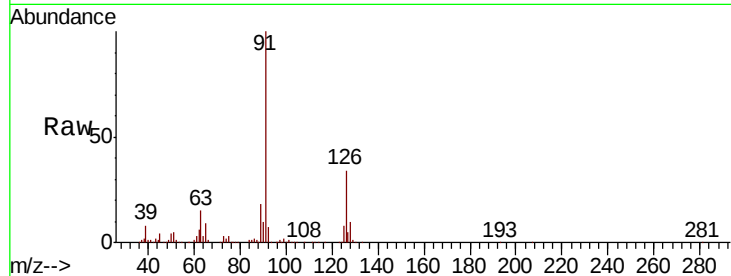




#79
 2-Chlorotoluene
 Concen: 19.386 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

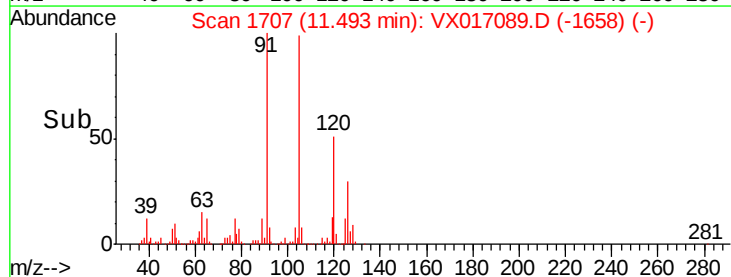
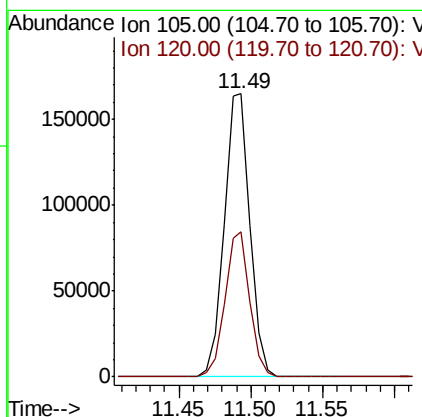
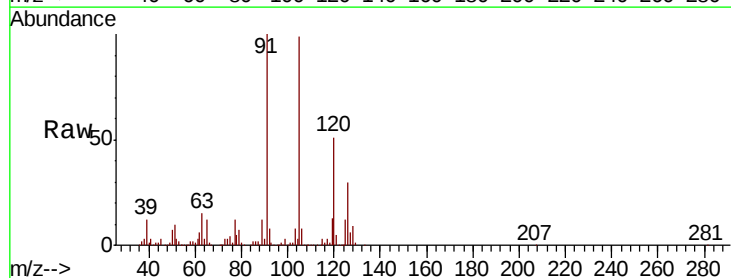
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

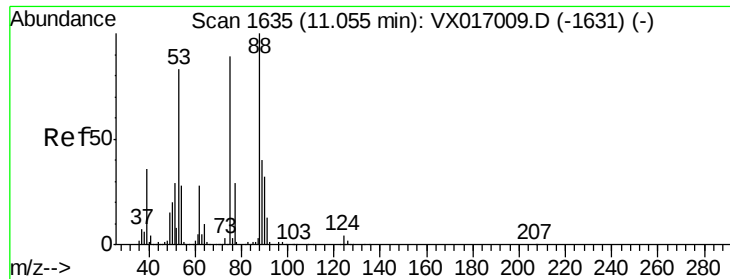
Tot Ion: 91 Resp: 167357
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.813 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion: 105 Resp: 207300
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.277 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

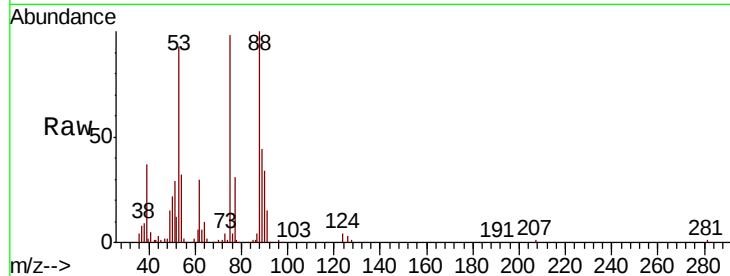
Tot Ion: 75 Resp: 26727

Ion Ratio Lower Upper

75 100

53 98.8 72.4 108.6

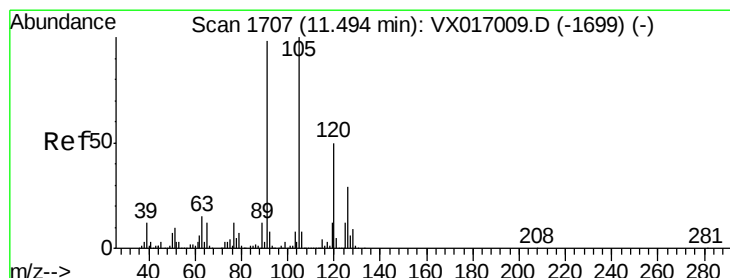
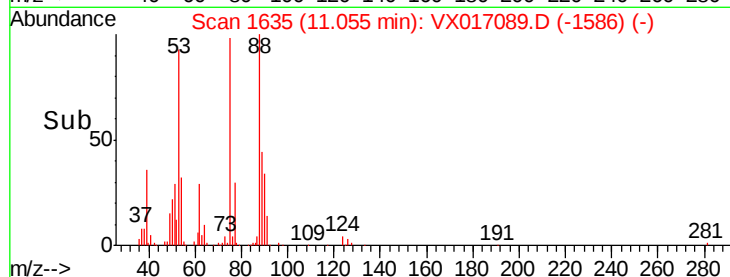
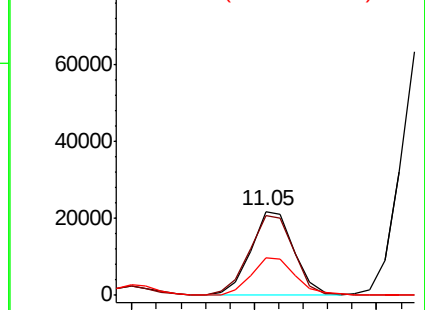
89 46.6 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.386 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017089.D

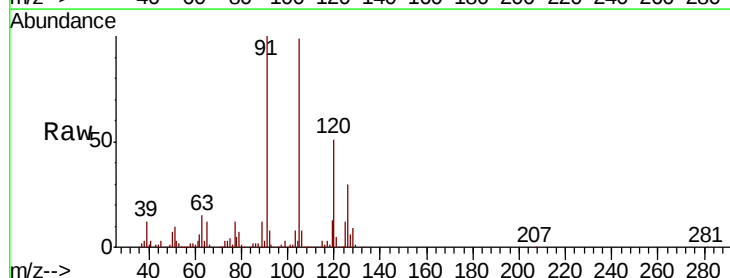
Acq: 01 Jul 2020 11:50

Tgt Ion: 91 Resp: 200062

Ion Ratio Lower Upper

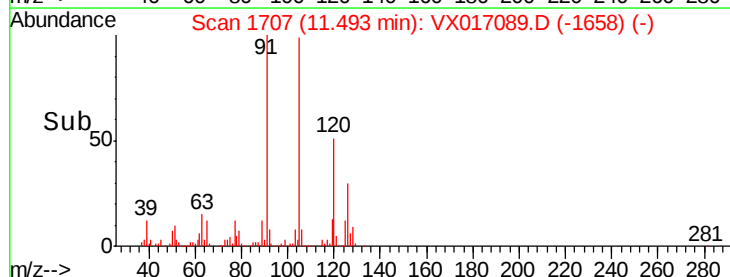
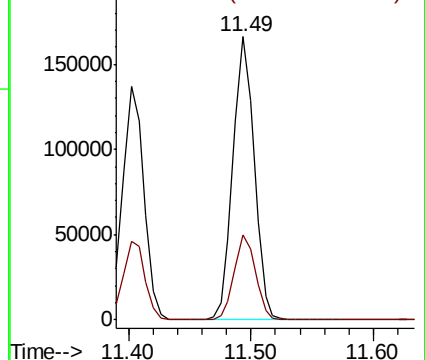
91 100

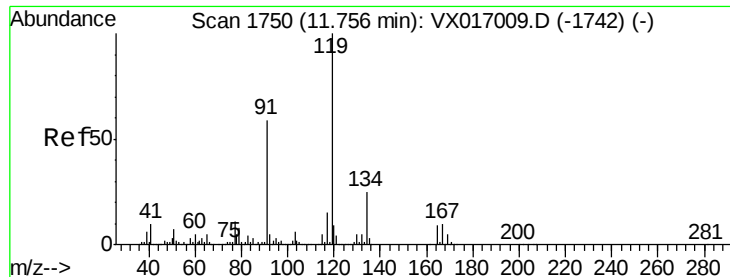
126 29.7 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

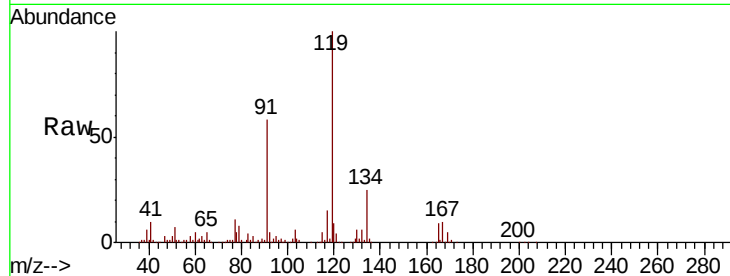




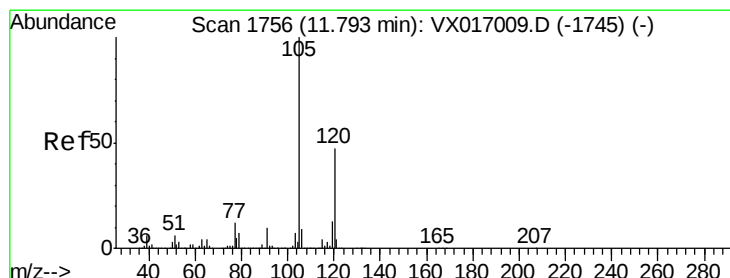
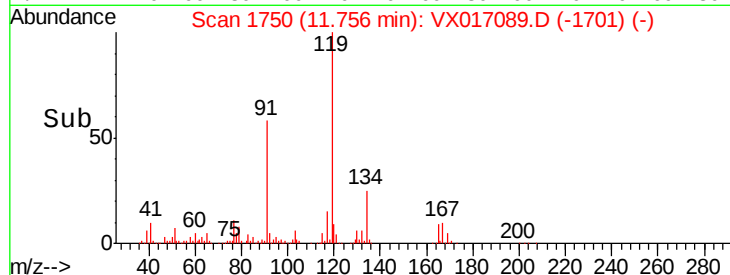
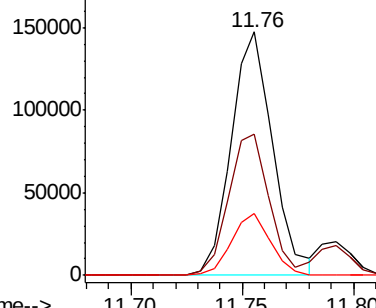
#83
tert-Butylbenzene
Concen: 18.591 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.5	28.3	84.9
134	23.8	11.7	35.1

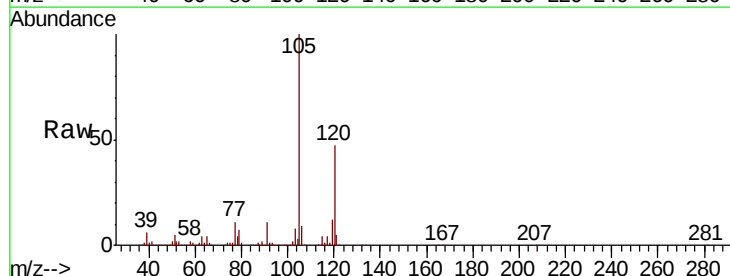


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

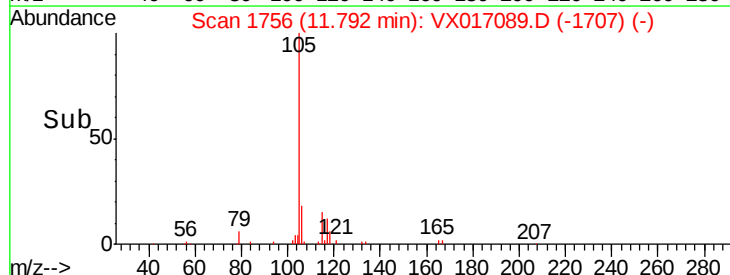
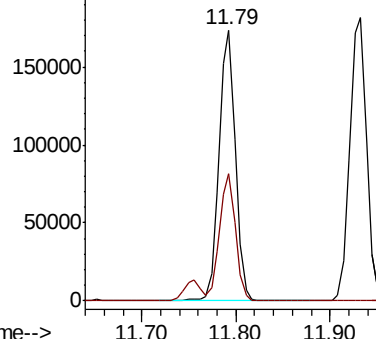


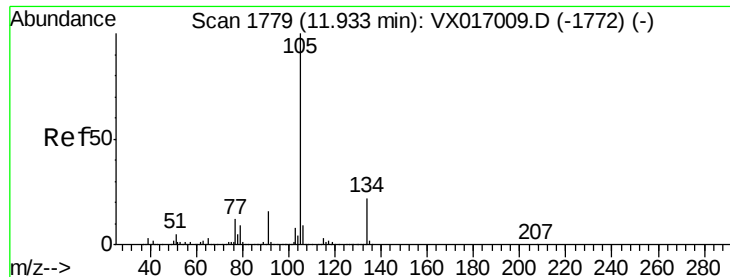
#84
1,2,4-Trimethylbenzene
Concen: 19.608 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.9	68.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.521 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

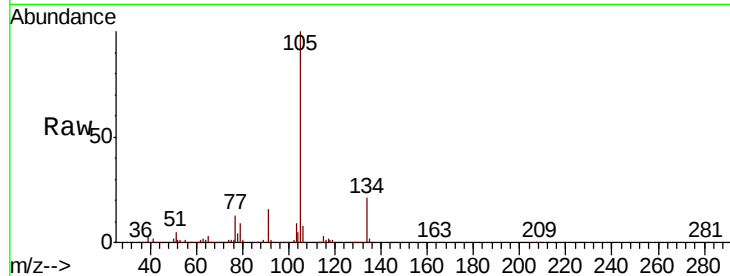
VX0701WBSD01

Tot Ion:105 Resp: 223605

Ion Ratio Lower Upper

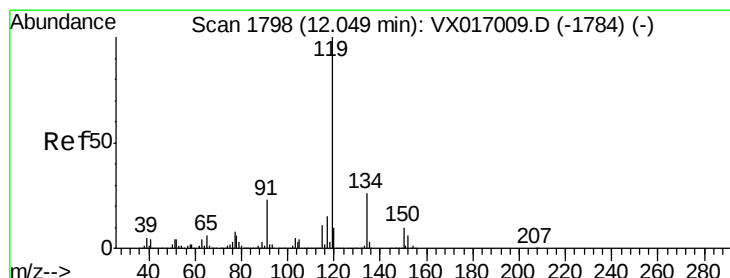
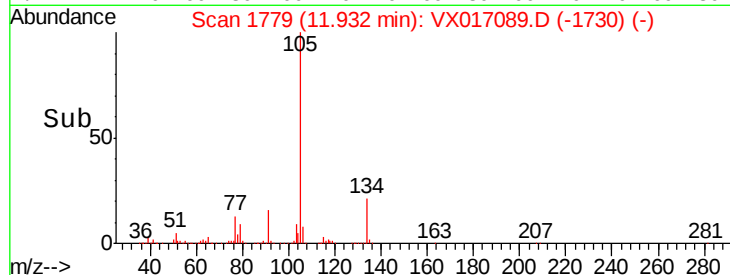
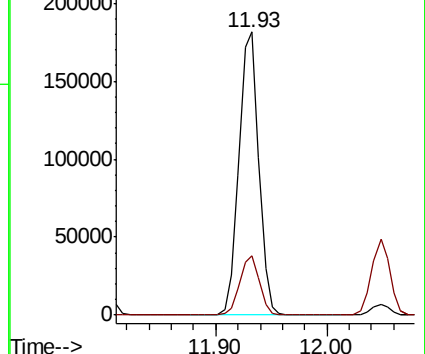
105 100

134 20.8 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.418 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

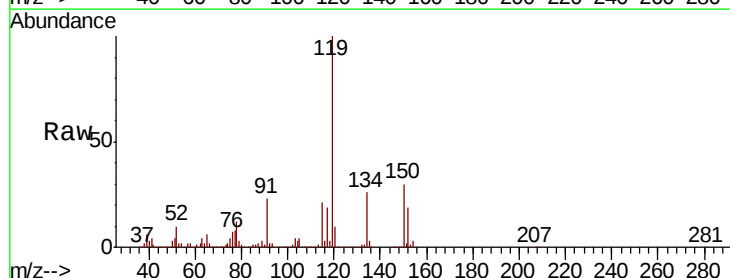
Tgt Ion:119 Resp: 218245

Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

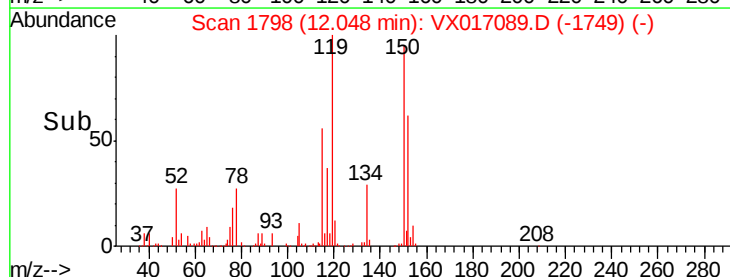
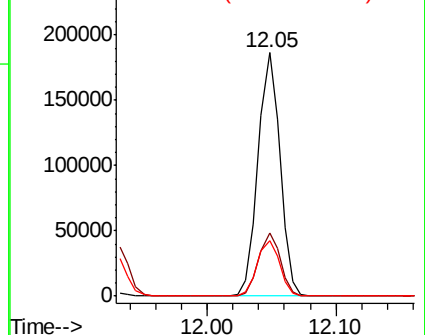
91 23.6 11.8 35.4

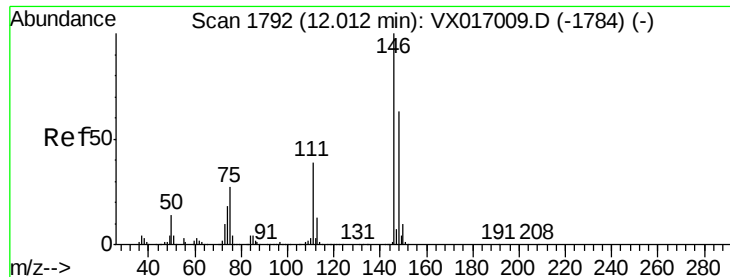


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.477 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

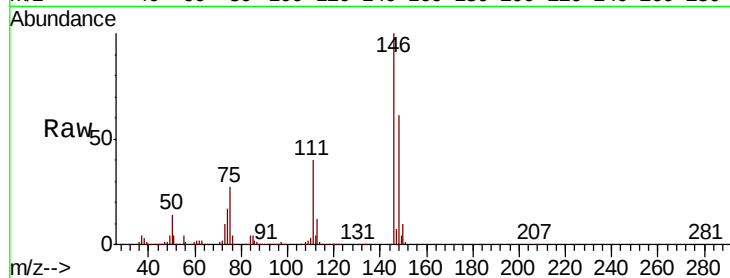
Tot Ion:146 Resp: 116335

Ion Ratio Lower Upper

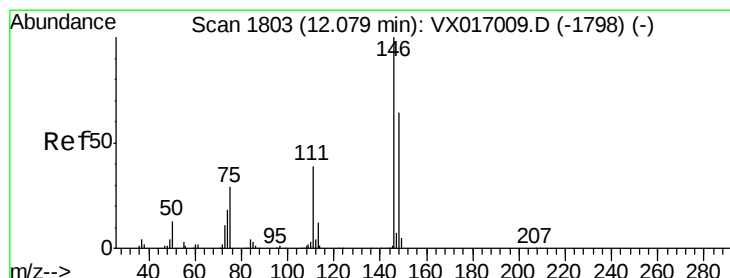
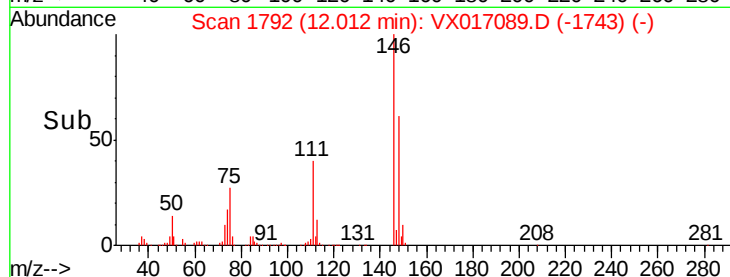
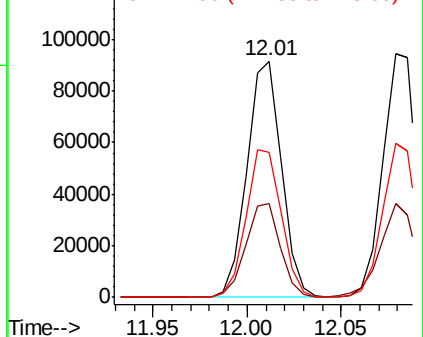
146 100

111 39.9 20.4 61.2

148 63.8 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.961 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

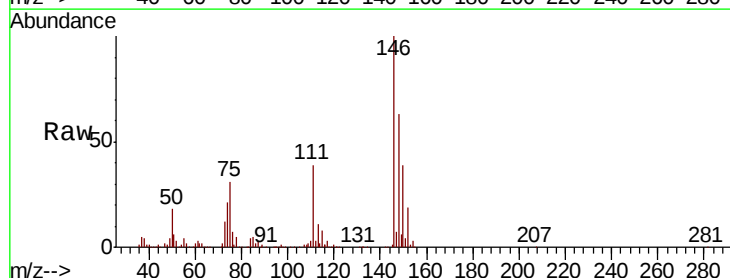
Tgt Ion:146 Resp: 119205

Ion Ratio Lower Upper

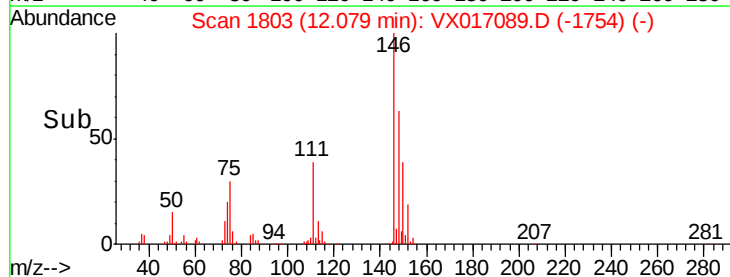
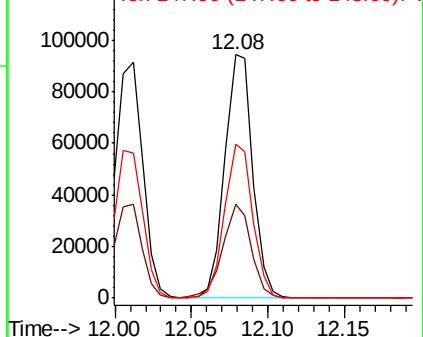
146 100

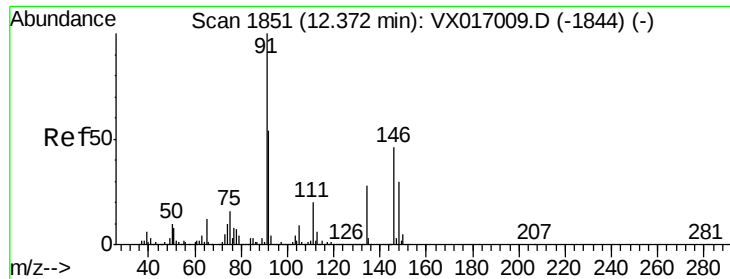
111 39.5 19.5 58.5

148 63.9 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.964 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

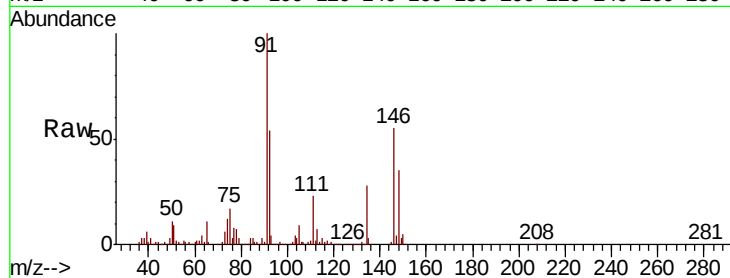
Tot Ion: 91 Resp: 180274

Ion Ratio Lower Upper

91 100

92 53.8 27.2 81.6

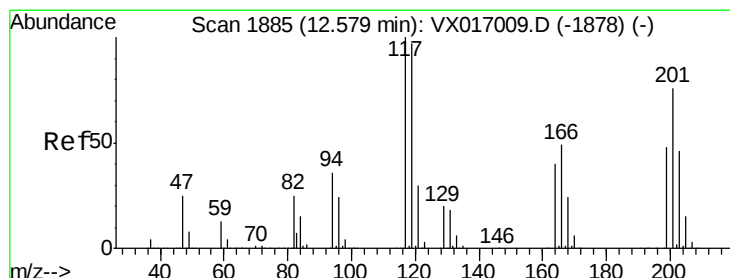
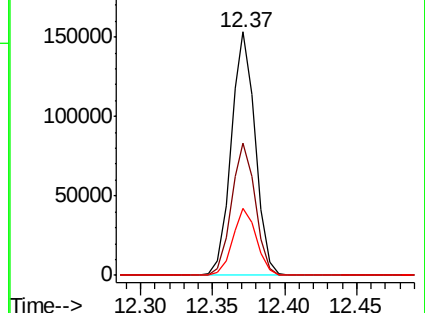
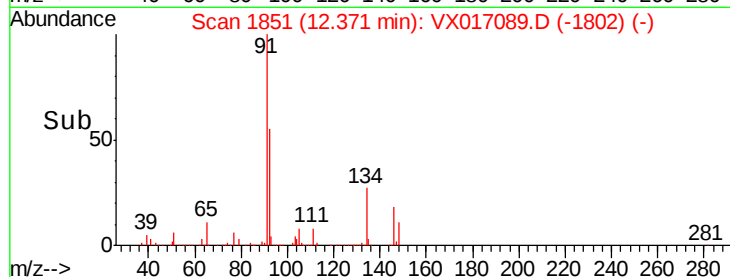
134 27.2 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.477 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017089.D

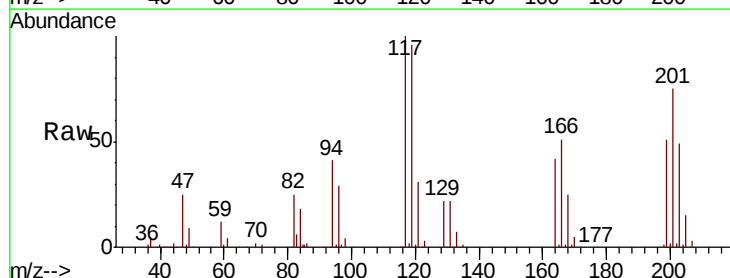
Acq: 01 Jul 2020 11:50

Tgt Ion: 117 Resp: 40952

Ion Ratio Lower Upper

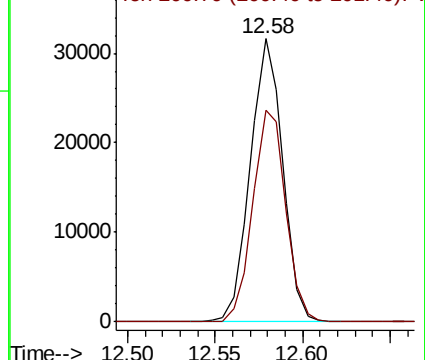
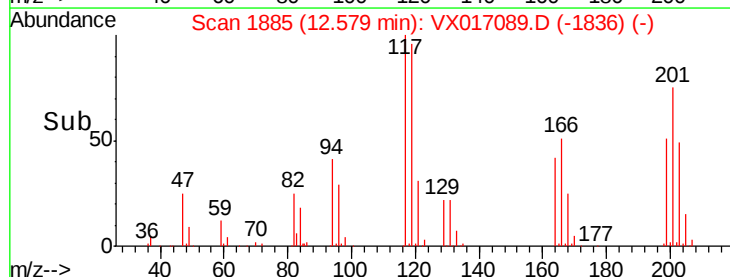
117 100

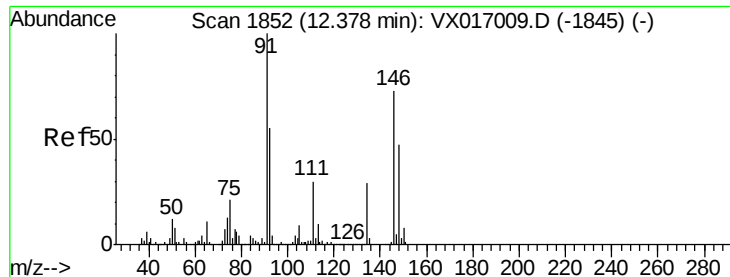
201 75.9 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.934 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

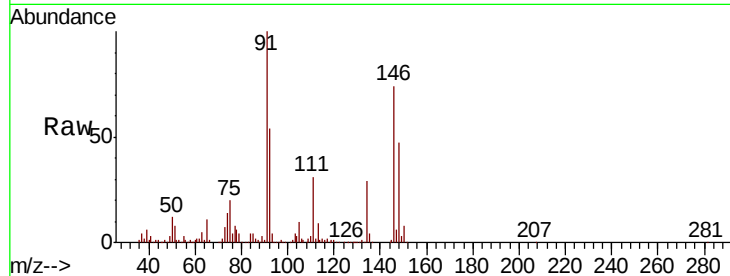
Tot Ion:146 Resp: 111433

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.9

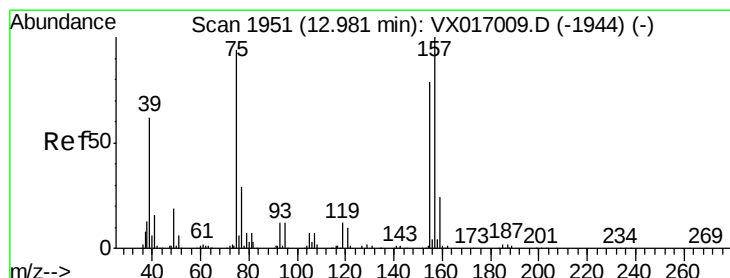
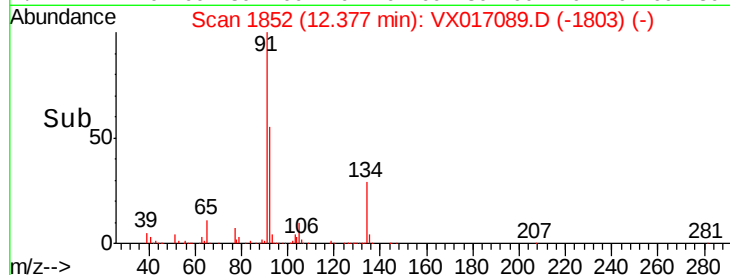
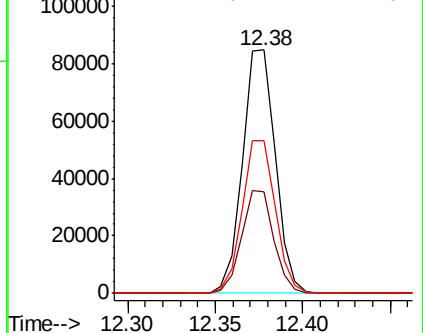
148 63.4 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.437 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

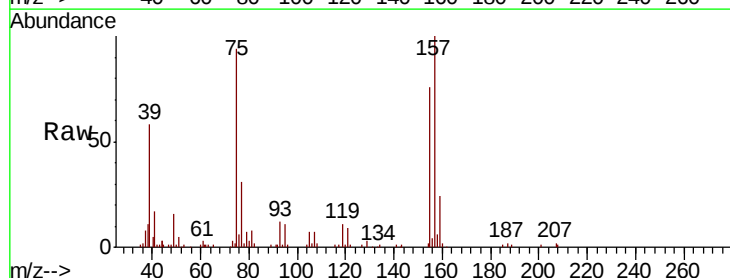
Tgt Ion: 75 Resp: 16505

Ion Ratio Lower Upper

75 100

155 89.0 45.1 135.2

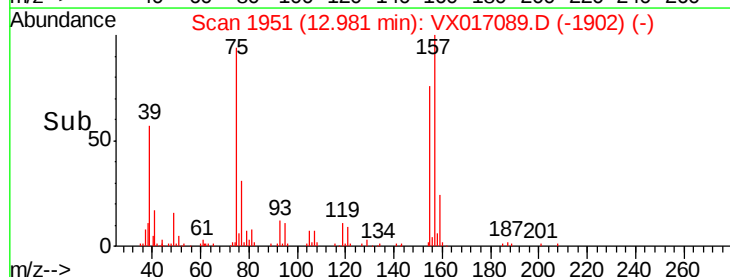
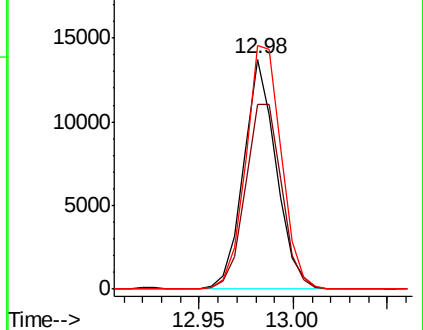
157 115.2 56.5 169.3

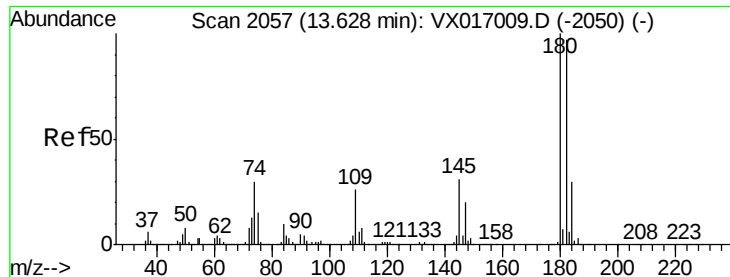


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

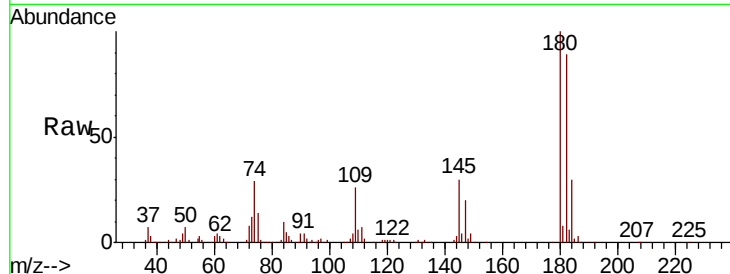




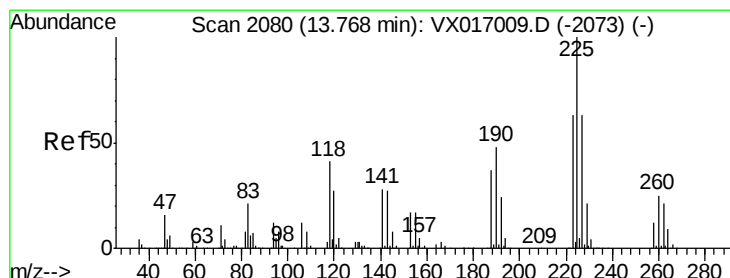
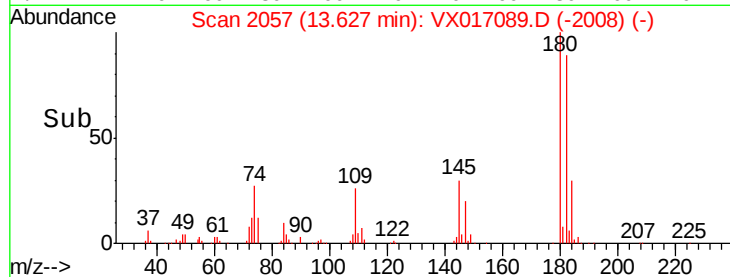
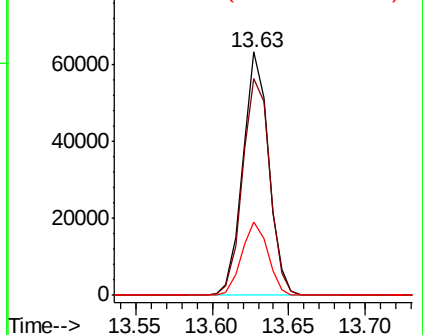
#93
 1,2,4-Trichlorobenzene
 Concen: 18.435 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

Tot Ion:180 Resp: 74055
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.3 141.9
 145 30.7 15.4 46.2

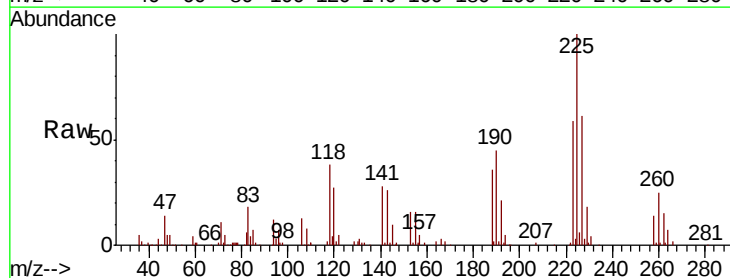


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

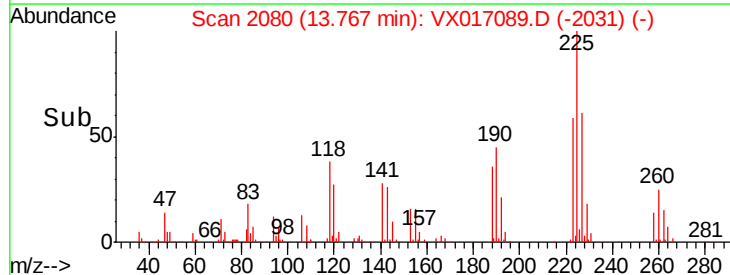
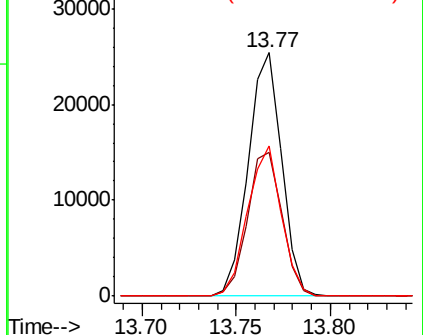


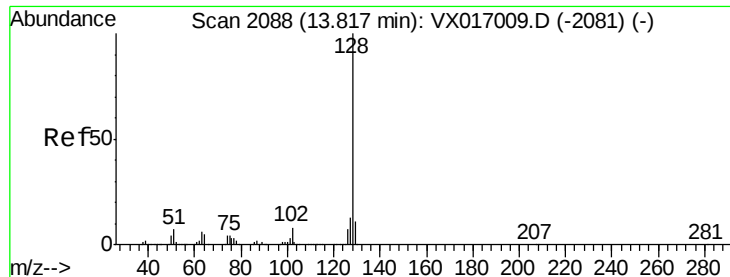
#94
 Hexachlorobutadiene
 Concen: 20.973 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion:225 Resp: 31215
 Ion Ratio Lower Upper
 225 100
 223 61.2 32.5 97.5
 227 61.9 33.1 99.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.389 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

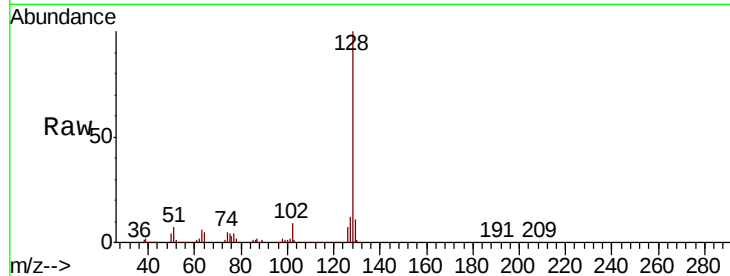
Tot Ion:128 Resp: 224579

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.2 8.7 13.1

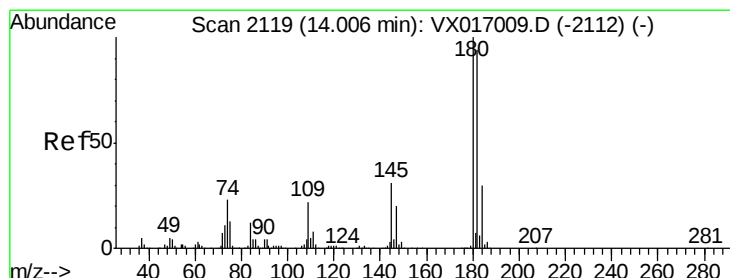
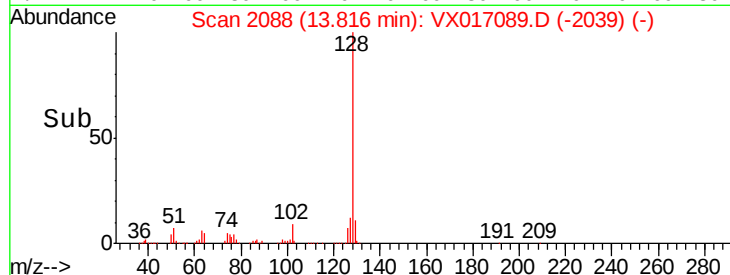
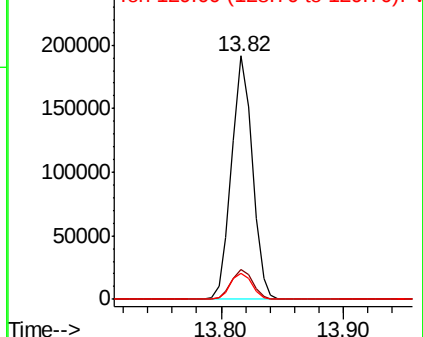


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.151 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

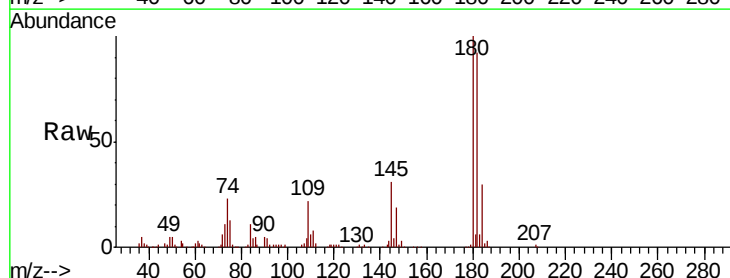
Tgt Ion:180 Resp: 74453

Ion Ratio Lower Upper

180 100

182 95.1 47.1 141.4

145 33.5 16.6 49.7



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

