

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017088.D
 Acq On : 01 Jul 2020 11:17
 Operator : JC/SP
 Sample : VX0701WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS01

Quant Time: Jul 02 01:33:17 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	266249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	393901	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196121	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	153070	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
35) Dibromofluoromethane	5.46	113	127202	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	8.70	98	470244	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	11.12	95	178521	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	49614	19.262	ug/l	97
3) Chloromethane	1.32	50	53100	17.031	ug/l	99
4) Vinyl Chloride	1.39	62	50975	17.621	ug/l	100
5) Bromomethane	1.63	94	35015	22.910	ug/l	99
6) Chloroethane	1.72	64	30783	18.018	ug/l	96
7) Trichlorofluoromethane	1.92	101	83293	19.469	ug/l	98
8) Diethyl Ether	2.17	74	28852	20.262	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45767	17.848	ug/l	98
10) Methyl Iodide	2.49	142	55525	16.781	ug/l	98
11) Tert butyl alcohol	3.00	59	53699	85.758	ug/l	98
12) 1,1-Dichloroethene	2.36	96	42890	16.282	ug/l	98
13) Acrolein	2.27	56	32041	85.600	ug/l	98
14) Allyl chloride	2.71	41	84706	17.400	ug/l	98
15) Acrylonitrile	3.11	53	131254	87.196	ug/l	99
16) Acetone	2.42	43	103056	83.930	ug/l	98
17) Carbon Disulfide	2.55	76	137498	18.720	ug/l	100
18) Methyl Acetate	2.75	43	56316	17.569	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	162883	18.424	ug/l	95
20) Methylene Chloride	2.83	84	56824	19.704	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	54139	18.520	ug/l	98
22) Diisopropyl ether	3.82	45	170100	18.879	ug/l	91
23) Vinyl Acetate	3.78	43	723394	93.432	ug/l	100
24) 1,1-Dichloroethane	3.67	63	94903	18.512	ug/l	98
25) 2-Butanone	4.63	43	174306	85.195	ug/l	99
26) 2,2-Dichloropropane	4.55	77	84853	18.641	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	59398	17.933	ug/l	99
28) Bromochloromethane	4.98	49	43863	17.582	ug/l	99
29) Tetrahydrofuran	5.09	42	116090	85.877	ug/l	99
30) Chloroform	5.17	83	97706	18.592	ug/l	100
31) Cyclohexane	5.54	56	80132	18.083	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	89399	18.471	ug/l	98
36) 1,1-Dichloropropene	5.77	75	71296	19.151	ug/l	99
37) Ethyl Acetate	4.79	43	71081	18.818	ug/l	98
38) Carbon Tetrachloride	5.75	117	82969	20.234	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS01

Quant Time: Jul 02 01:33:17 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	80571	19.452	ug/l	96
40) Benzene	6.11	78	211608	19.346	ug/l	99
41) Methacrylonitrile	5.00	41	39800	18.721	ug/l	98
42) 1,2-Dichloroethane	6.16	62	79346	20.082	ug/l	99
43) Isopropyl Acetate	6.41	43	115611	18.419	ug/l	99
44) Trichloroethene	7.18	130	61758	20.276	ug/l	98
45) 1,2-Dichloropropane	7.49	63	54987	19.572	ug/l	97
46) Dibromomethane	7.63	93	38130	19.880	ug/l	98
47) Bromodichloromethane	7.87	83	78280	19.804	ug/l	98
48) Methyl methacrylate	7.74	41	56720	19.021	ug/l	99
49) 1,4-Dioxane	7.71	88	24208	358.336	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	359246	96.016	ug/l	100
52) Toluene	8.76	92	135806	19.886	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	85208	19.538	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	92279	19.738	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	54980	19.704	ug/l	98
56) Ethyl methacrylate	9.16	69	75501	19.011	ug/l	99
57) 1,3-Dichloropropane	9.35	76	91036	19.282	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	184288	93.237	ug/l	99
59) 2-Hexanone	9.47	43	261112	95.556	ug/l	100
60) Dibromochloromethane	9.56	129	62643	19.330	ug/l	98
61) 1,2-Dibromoethane	9.65	107	57636	19.217	ug/l	99
64) Tetrachloroethene	9.32	164	63227	21.103	ug/l	96
65) Chlorobenzene	10.12	112	145486	18.988	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	57885	19.603	ug/l	99
67) Ethyl Benzene	10.23	91	247479	19.341	ug/l	99
68) m/p-Xylenes	10.34	106	195646	39.821	ug/l	98
69) o-Xylene	10.68	106	90999	19.470	ug/l	99
70) Styrene	10.70	104	158859	19.959	ug/l	99
71) Bromoform	10.84	173	46645	19.920	ug/l #	99
73) Isopropylbenzene	11.00	105	247561	19.271	ug/l	99
74) N-amyl acetate	10.88	43	98220	17.919	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	75772	18.752	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	91859	23.819	ug/l	86
77) Bromobenzene	11.24	156	68352	19.360	ug/l	98
78) n-propylbenzene	11.34	91	287380	19.783	ug/l	100
79) 2-Chlorotoluene	11.40	91	172639	19.636	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	208153	19.535	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	26390	17.720	ug/l	90
82) 4-Chlorotoluene	11.49	91	206634	19.661	ug/l	99
83) tert-Butylbenzene	11.76	119	201387	19.253	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	212589	19.666	ug/l	99
85) sec-Butylbenzene	11.93	105	239508	19.479	ug/l	99
86) p-Isopropyltoluene	12.05	119	223897	19.561	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	118548	18.488	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	121987	20.058	ug/l	99
89) n-Butylbenzene	12.37	91	187562	18.352	ug/l	99
90) Hexachloroethane	12.58	117	41876	18.552	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	113429	18.924	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16551	17.170	ug/l	98

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0701WBS01

Quant Time: Jul 02 01:33:17 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

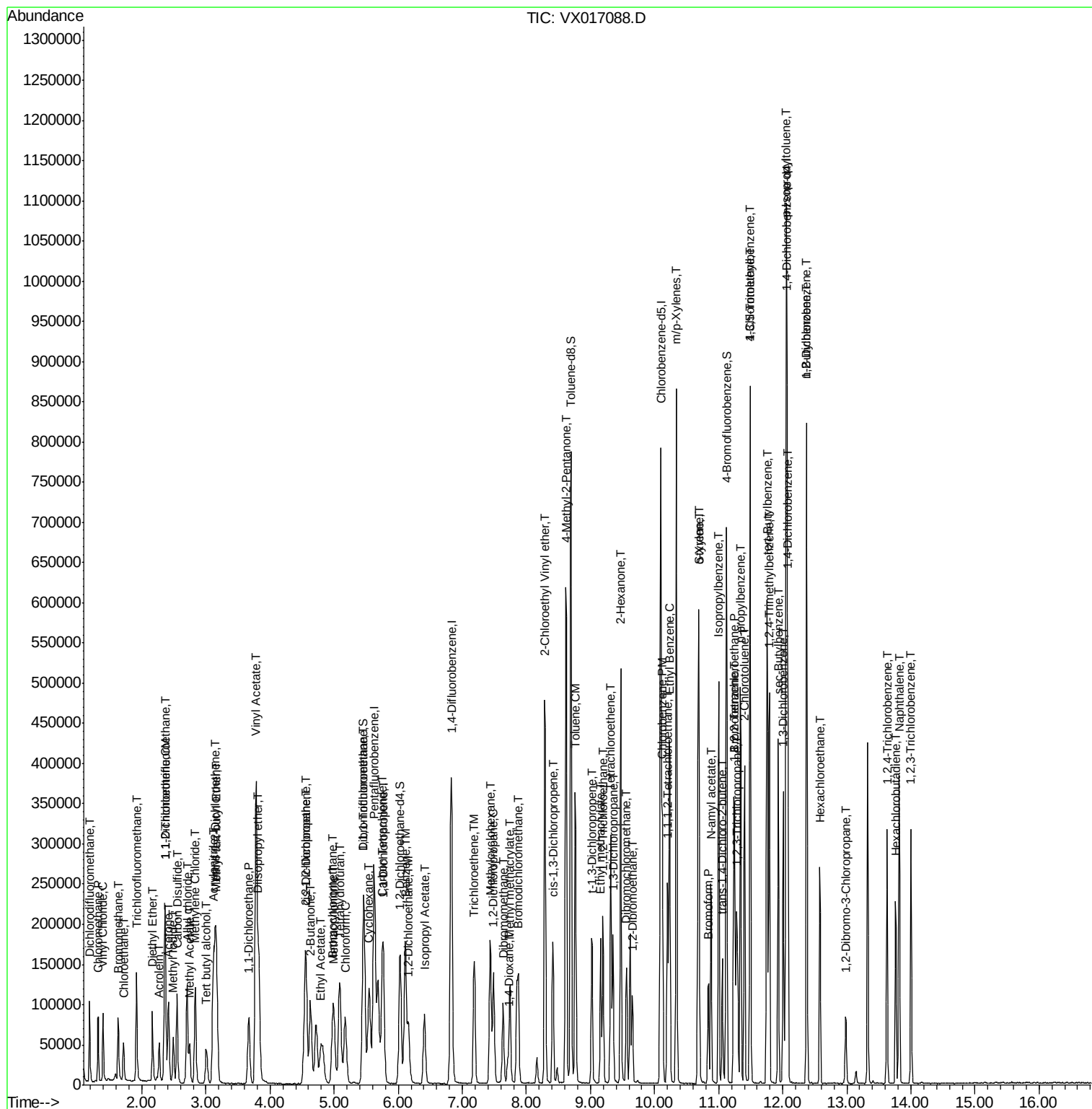
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	74067	18.105	ug/l	99
94) Hexachlorobutadiene	13.76	225	32028	21.124	ug/l	97
95) Naphthalene	13.82	128	227561	18.296	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	73962	18.681	ug/l	99

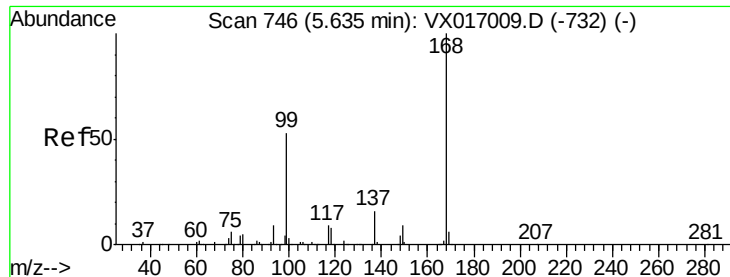
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070120\
Data File : VX017088.D
Acq On : 01 Jul 2020 11:17
Operator : JC/SP
Sample : VX0701WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBS01

Quant Time: Jul 02 01:33:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampled :

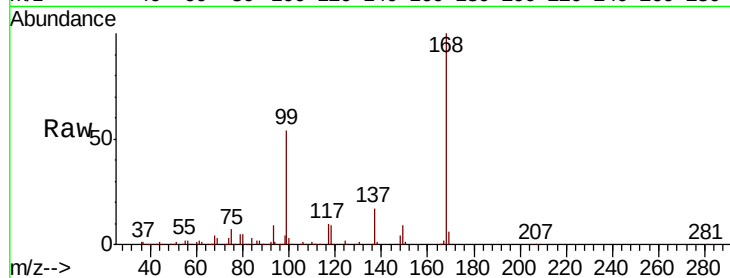
VX0701WBS01

Tot Ion:168 Resp: 266249

Ion Ratio Lower Upper

168 100

99 53.6 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

100000

80000

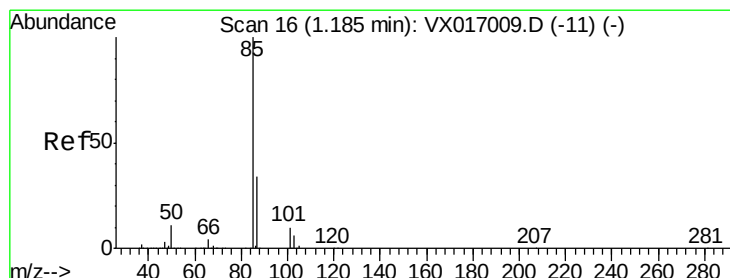
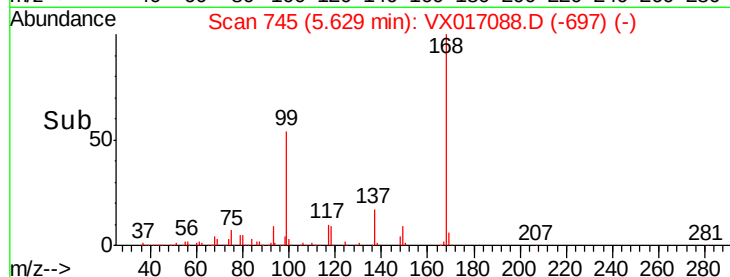
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.262 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017088.D

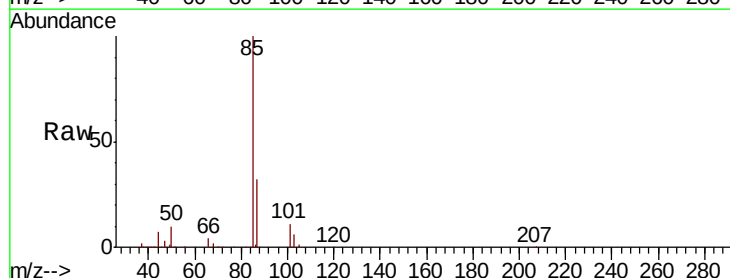
Acq: 01 Jul 2020 11:17

Tgt Ion: 85 Resp: 49614

Ion Ratio Lower Upper

85 100

87 31.7 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

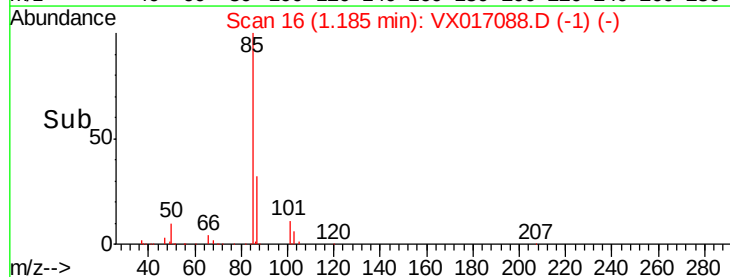
30000

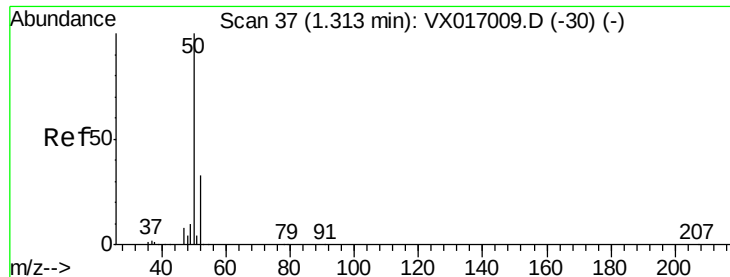
20000

10000

0

Time-->





#3

Chloromethane

Concen: 17.031 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampled :

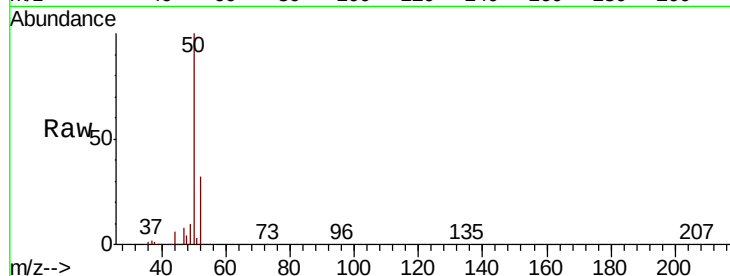
VX0701WBS01

Tot Ion: 50 Resp: 53100

Ion Ratio Lower Upper

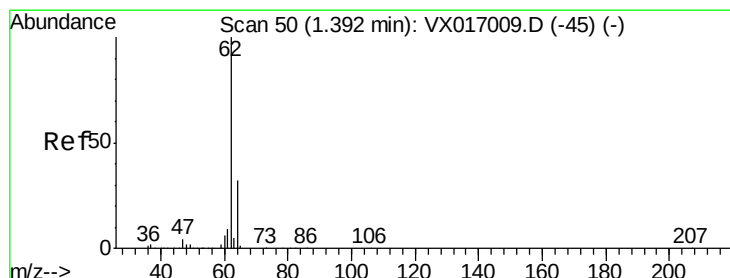
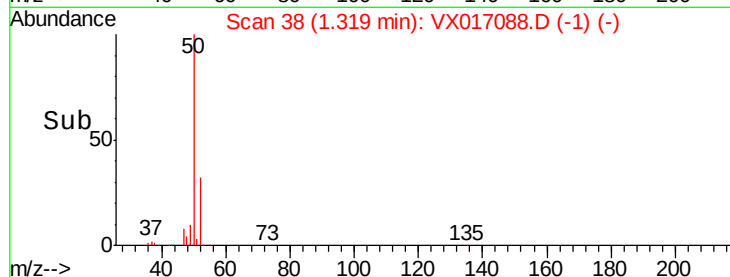
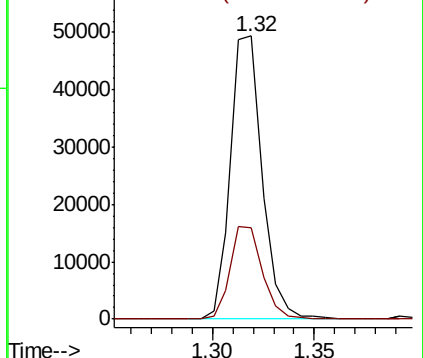
50 100

52 32.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.621 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017088.D

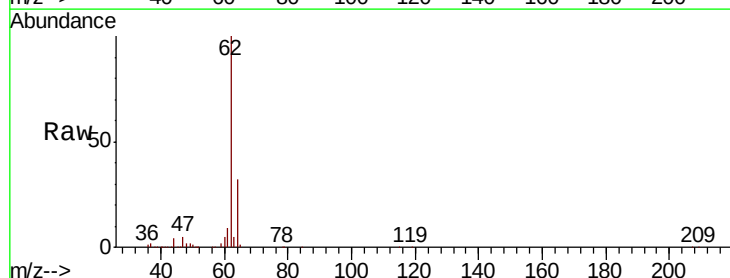
Acq: 01 Jul 2020 11:17

Tgt Ion: 62 Resp: 50975

Ion Ratio Lower Upper

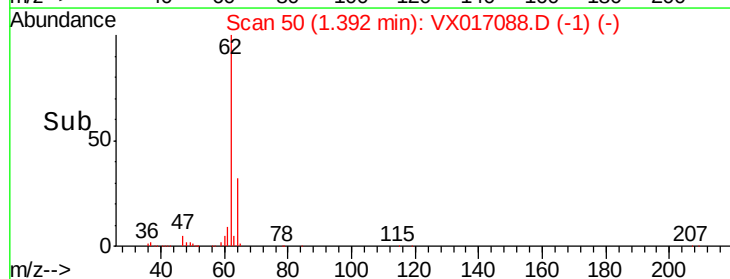
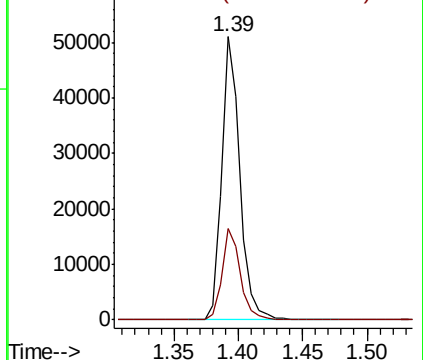
62 100

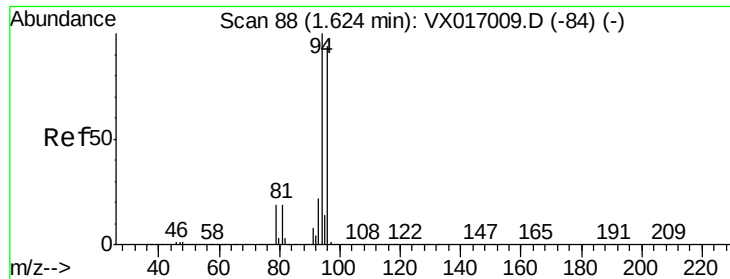
64 32.4 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.910 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

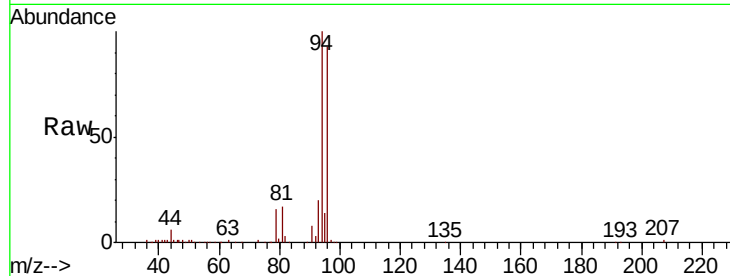
VX0701WBS01

Tot Ion: 94 Resp: 35015

Ion Ratio Lower Upper

94 100

96 92.9 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

30000

25000

20000

15000

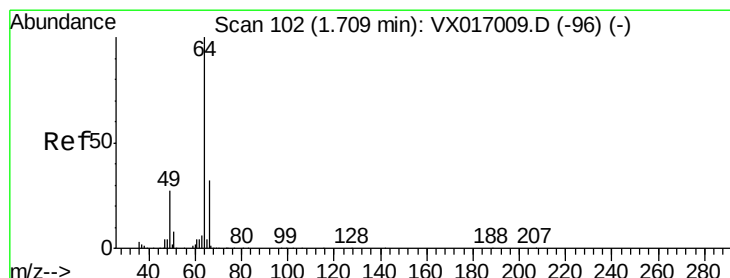
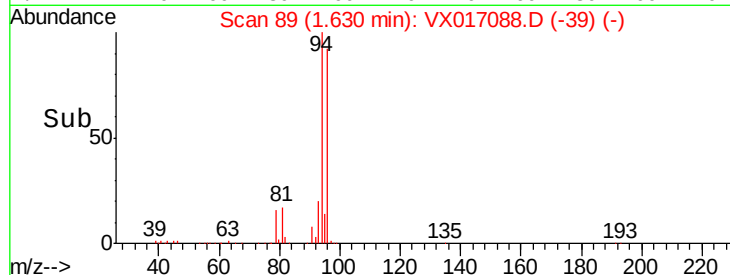
10000

5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 18.018 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017088.D

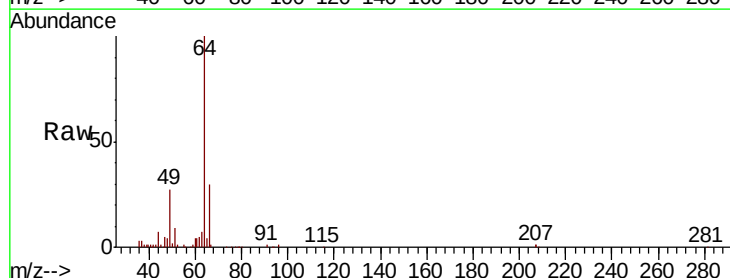
Acq: 01 Jul 2020 11:17

Tgt Ion: 64 Resp: 30783

Ion Ratio Lower Upper

64 100

66 29.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

25000

20000

15000

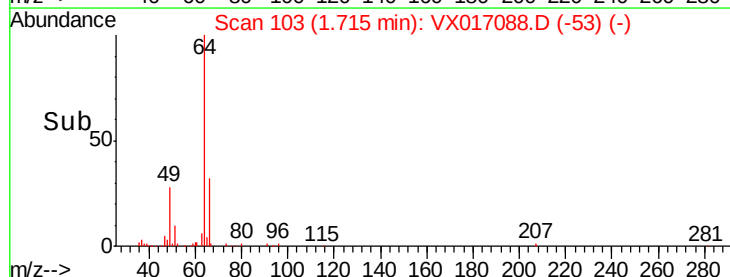
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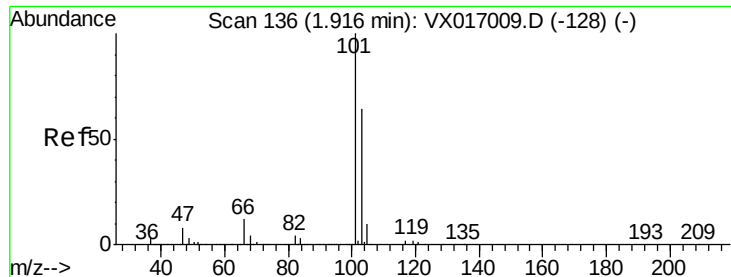
5000

0

Time-->

1.65 1.70 1.75 1.80



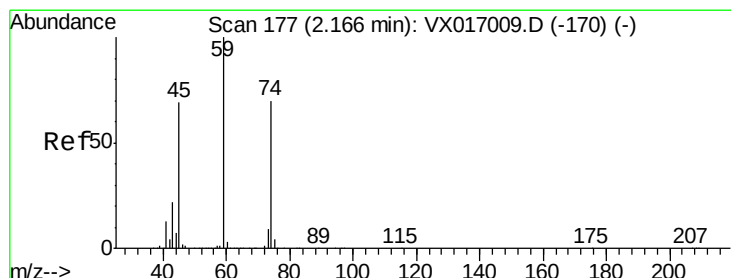
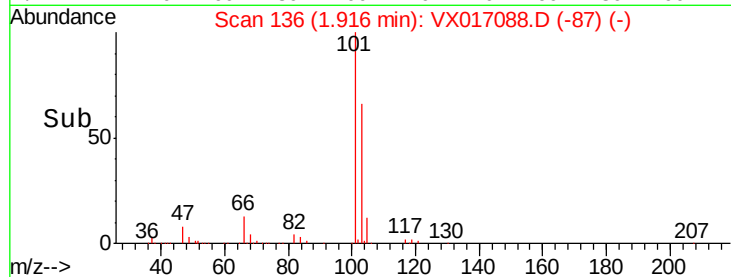
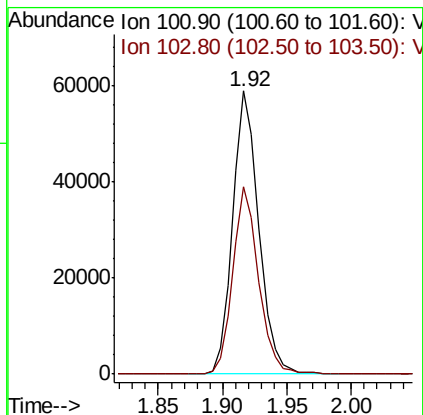
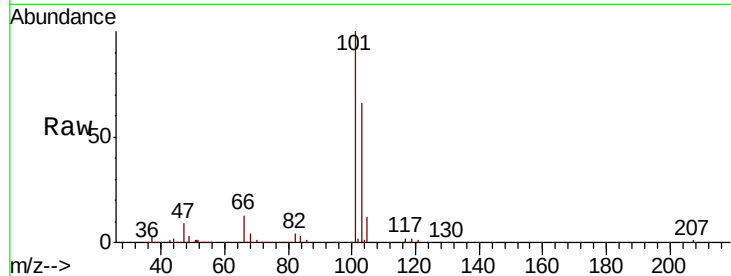


#7

Trichlorofluoromethane
 Concen: 19.469 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS01

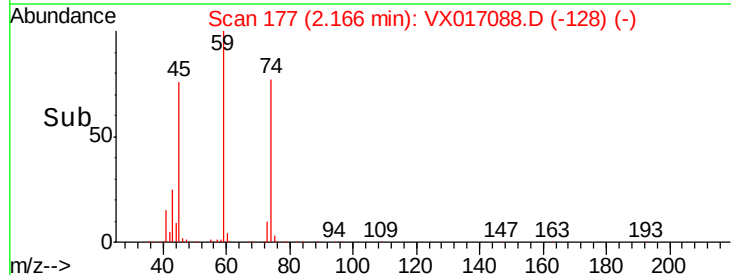
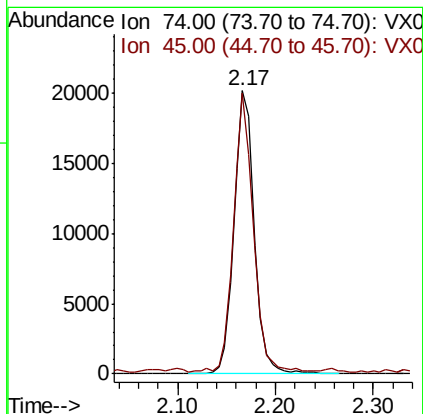
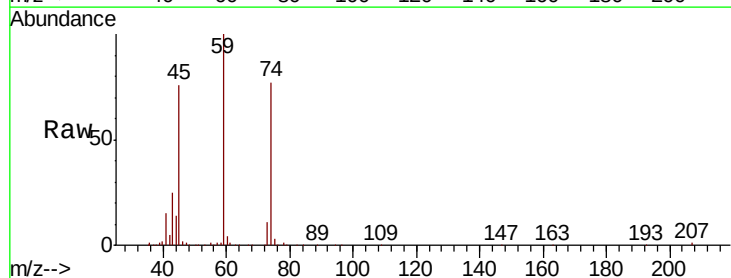
Tot Ion:101 Resp: 83293
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.5 77.3

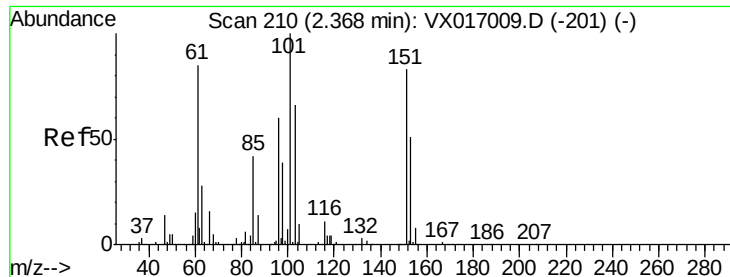


#8

Diethyl Ether
 Concen: 20.262 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

Tgt Ion: 74 Resp: 28852
 Ion Ratio Lower Upper
 74 100
 45 96.3 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.848 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBS01

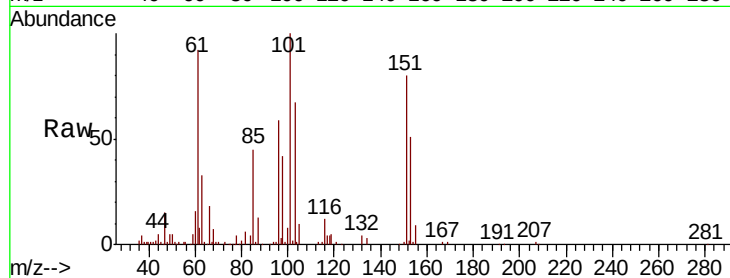
Tot Ion:101 Resp: 45767

Ion Ratio Lower Upper

101 100

85 44.3 33.5 50.3

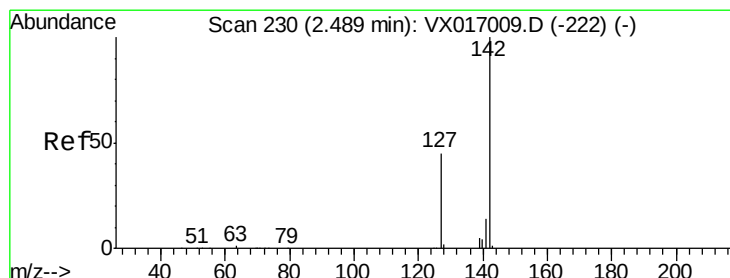
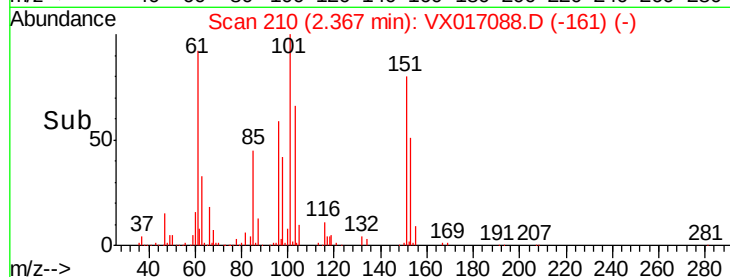
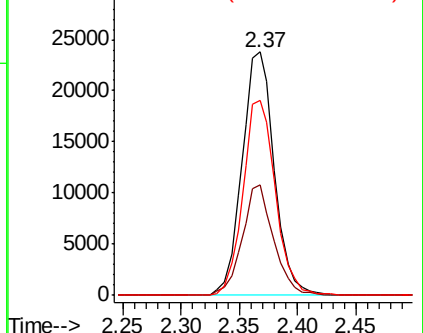
151 80.9 63.8 95.6



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: 16.781 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

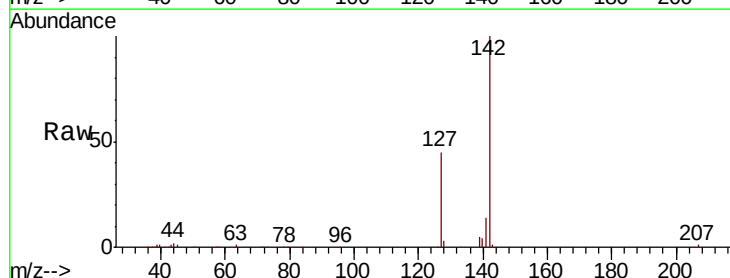
Tgt Ion:142 Resp: 55525

Ion Ratio Lower Upper

142 100

127 44.3 36.6 54.8

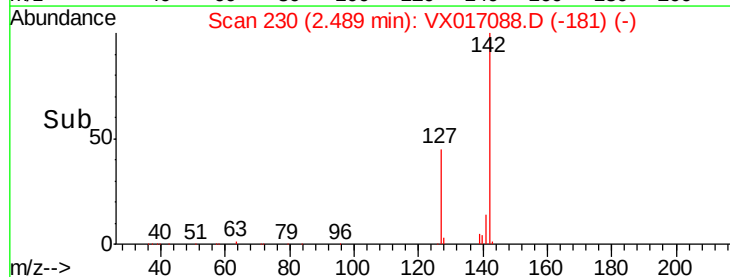
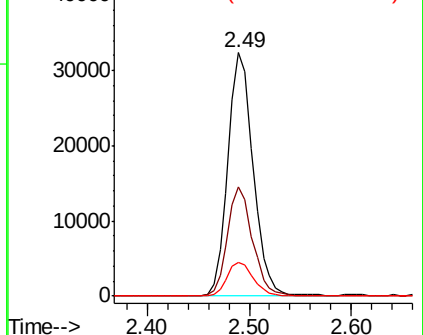
141 14.5 11.6 17.4

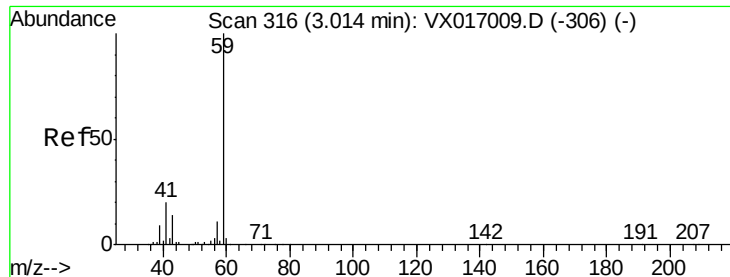


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



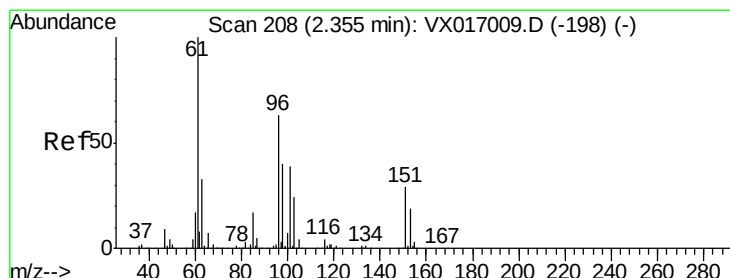
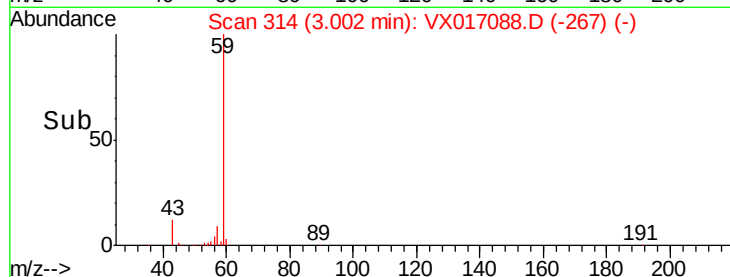
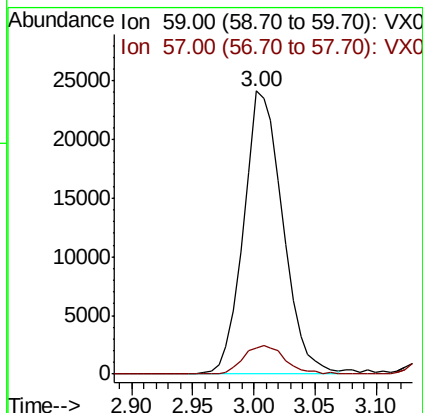
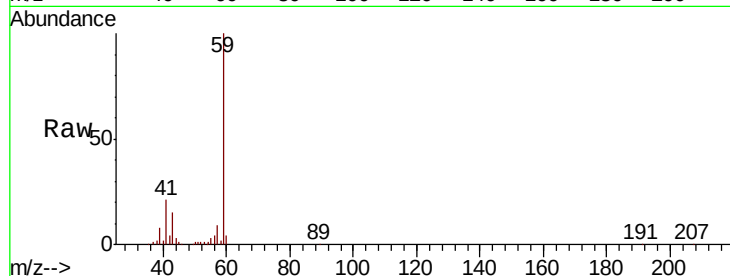


#11

Tert butyl alcohol
Concen: 85.758 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

Instrument :
MSVOA_X
ClientSampled :
VX0701WBS01

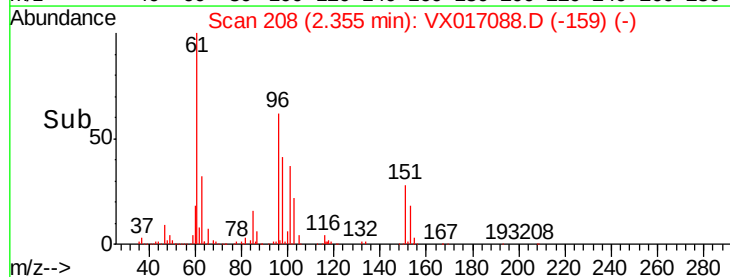
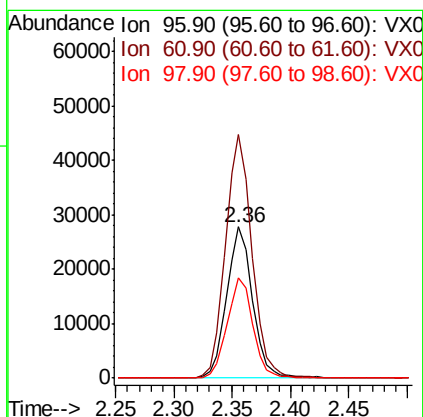
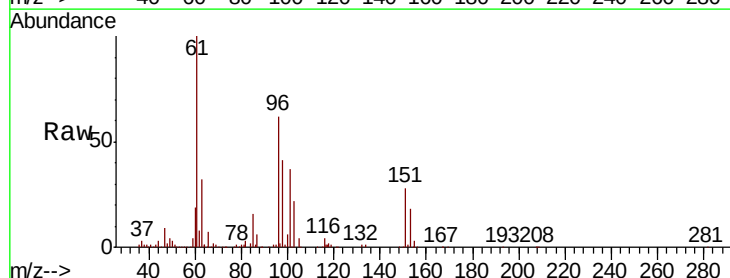
Tot Ion: 59 Resp: 53699
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2

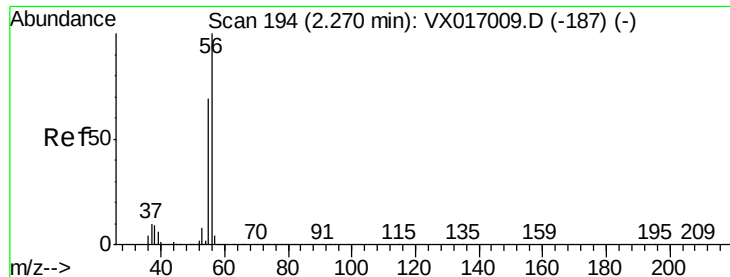


#12

1,1-Dichloroethene
Concen: 16.282 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

Tgt Ion: 96 Resp: 42890
Ion Ratio Lower Upper
96 100
61 160.6 126.3 189.5
98 66.4 51.0 76.6





#13

Acrolein

Concen: 85.600 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

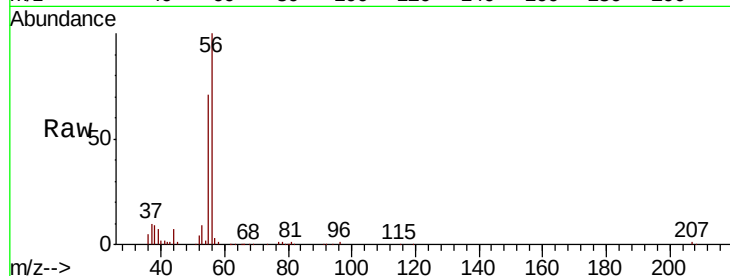
VX0701WBS01

Tot Ion: 56 Resp: 32041

Ion Ratio Lower Upper

56 100

55 71.1 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

25000

20000

15000

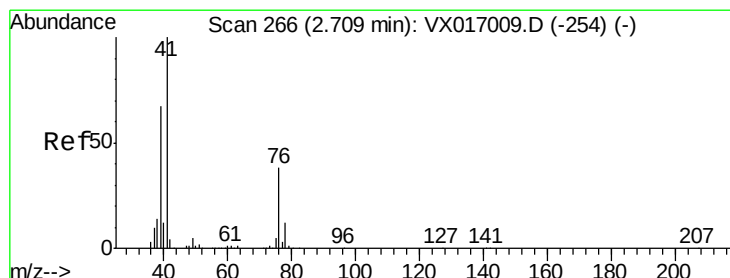
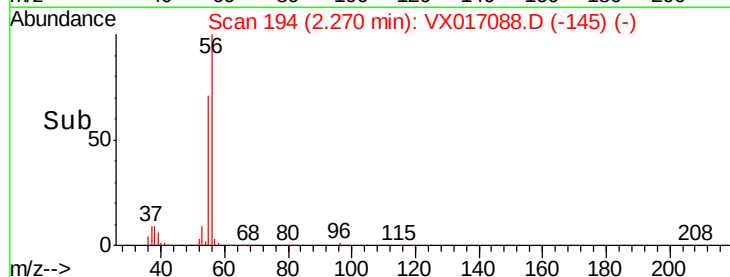
10000

5000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 17.400 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

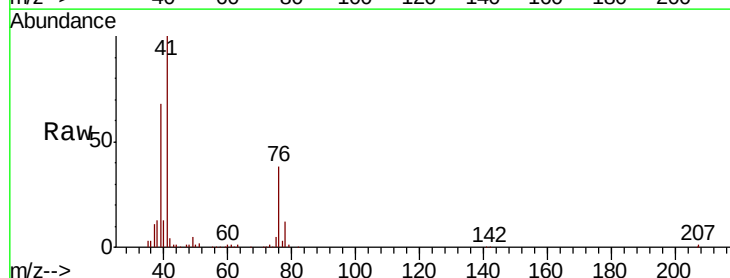
Tgt Ion: 41 Resp: 84706

Ion Ratio Lower Upper

41 100

39 64.7 49.4 74.2

76 33.5 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

100000

80000

60000

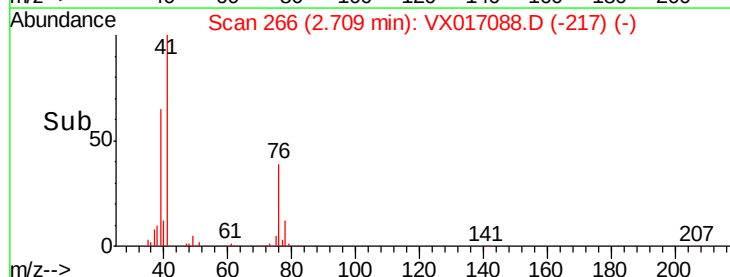
40000

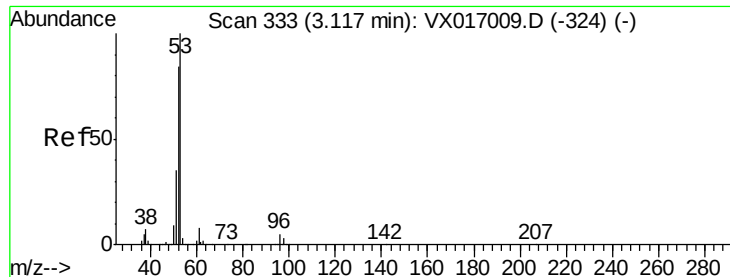
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 87.196 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBS01

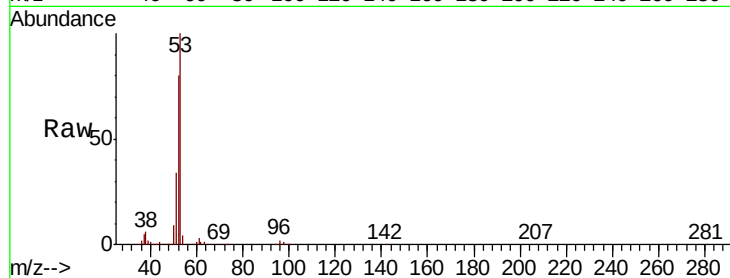
Tot Ion: 53 Resp: 131254

Ion Ratio Lower Upper

53 100

52 81.6 65.6 98.4

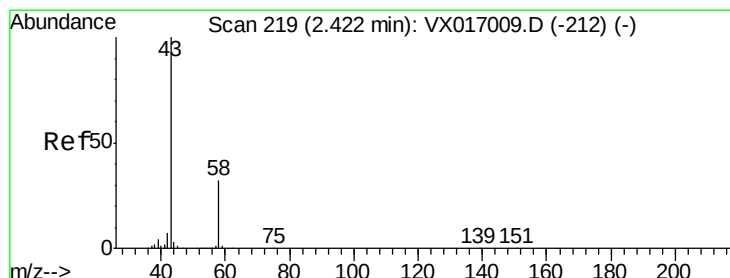
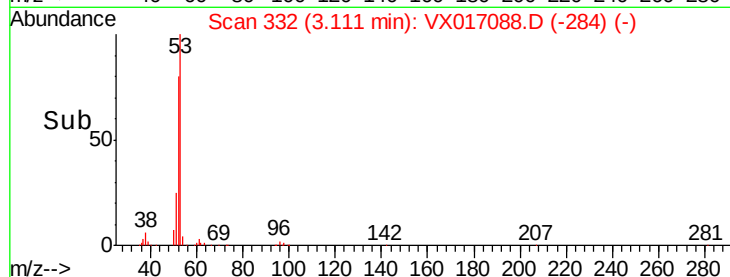
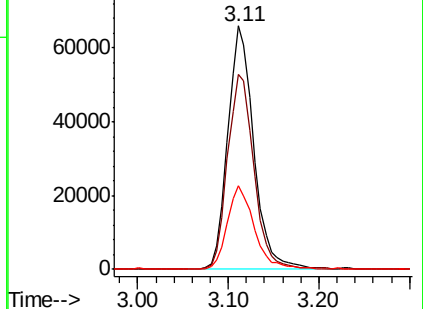
51 35.9 28.3 42.5



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: 83.930 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017088.D

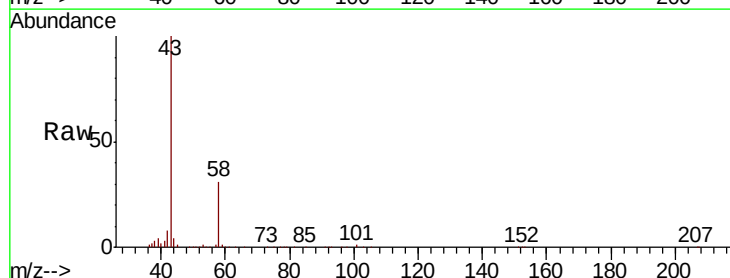
Acq: 01 Jul 2020 11:17

Tgt Ion: 43 Resp: 103056

Ion Ratio Lower Upper

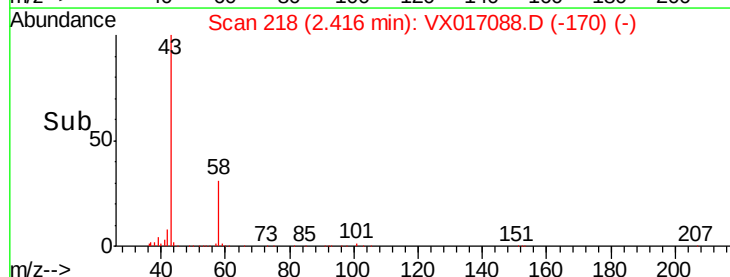
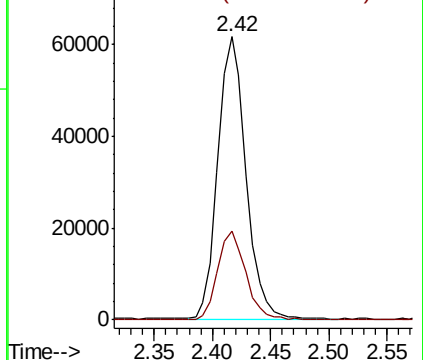
43 100

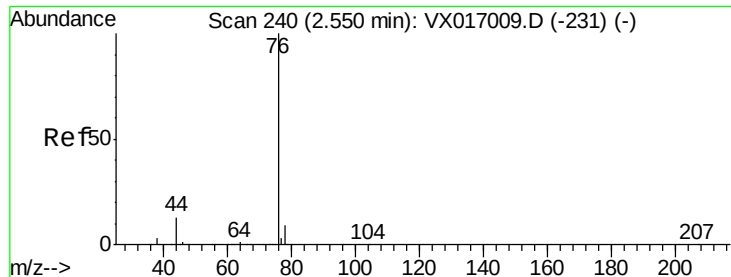
58 31.1 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.720 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

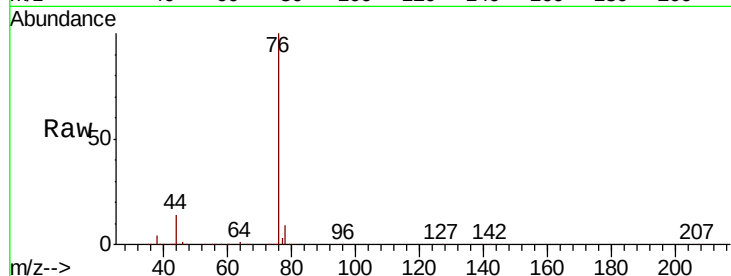
VX0701WBS01

Tot Ion: 76 Resp: 137498

Ion Ratio Lower Upper

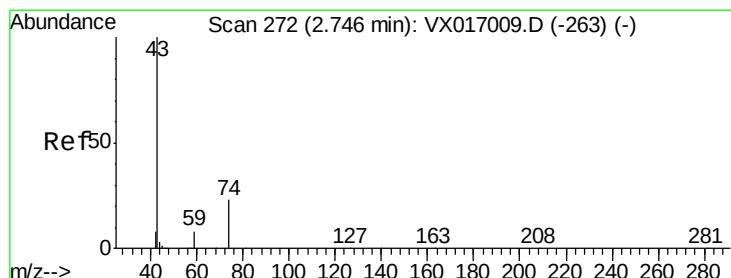
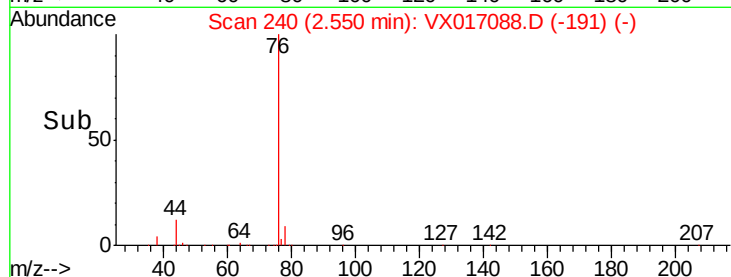
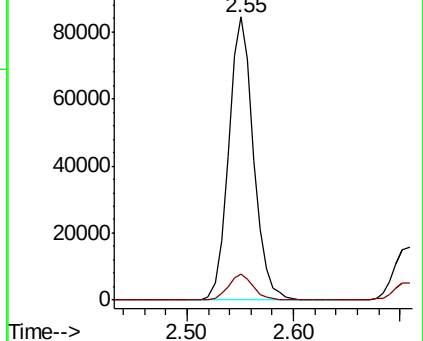
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.569 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX017088.D

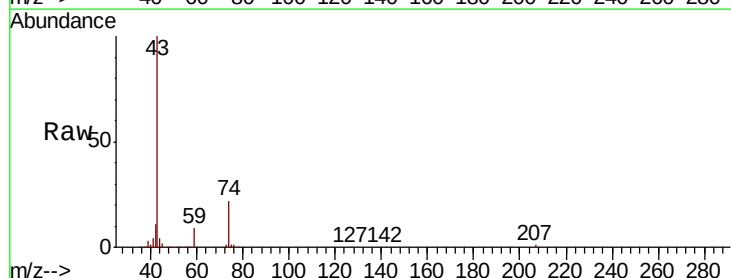
Acq: 01 Jul 2020 11:17

Tgt Ion: 43 Resp: 56316

Ion Ratio Lower Upper

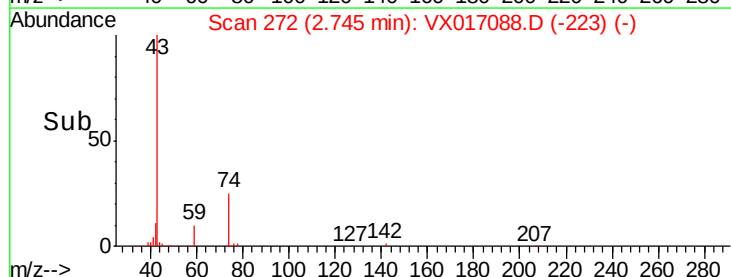
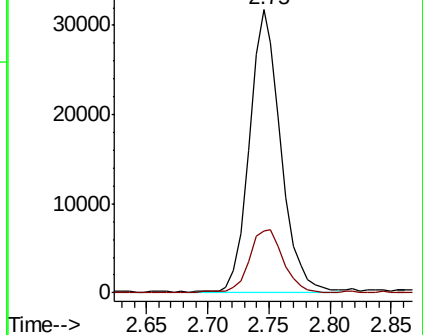
43 100

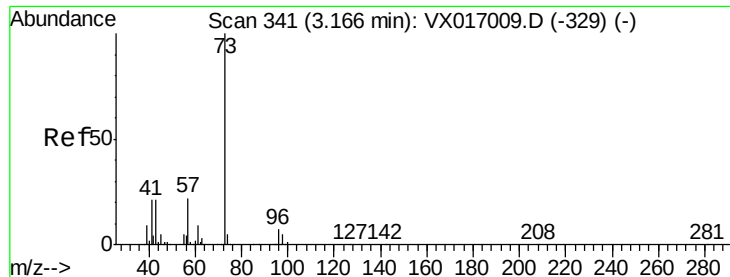
74 24.7 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 18.424 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

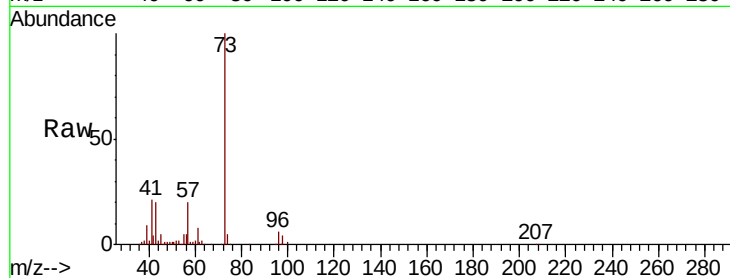
VX0701WBS01

Tot Ion: 73 Resp: 162883

Ion Ratio Lower Upper

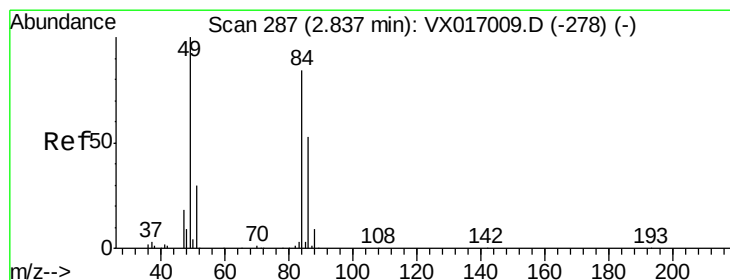
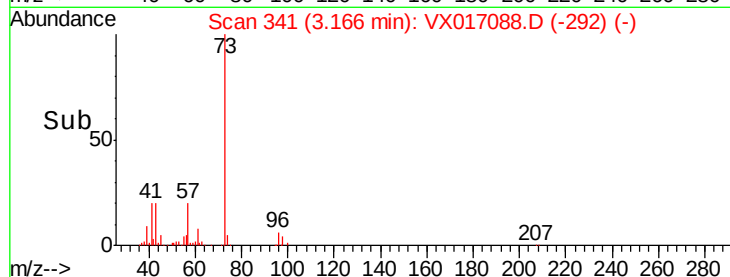
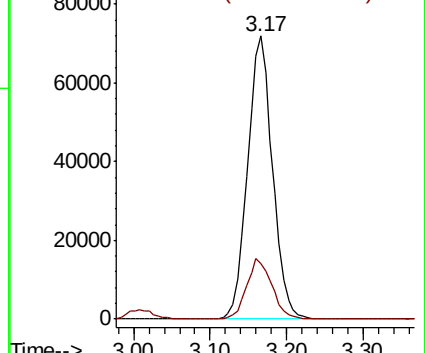
73 100

57 19.8 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 19.704 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Tgt Ion: 84 Resp: 56824

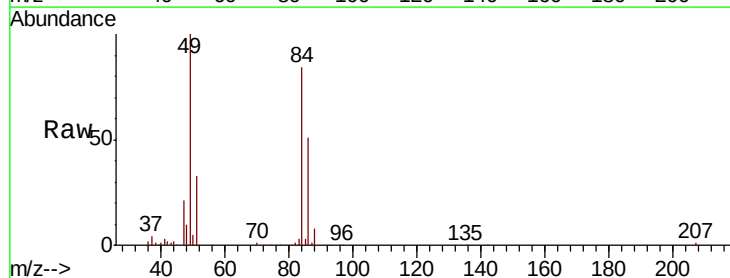
Ion Ratio Lower Upper

84 100

49 119.2 94.7 142.1

51 39.1 28.6 42.8

86 60.5 50.5 75.7

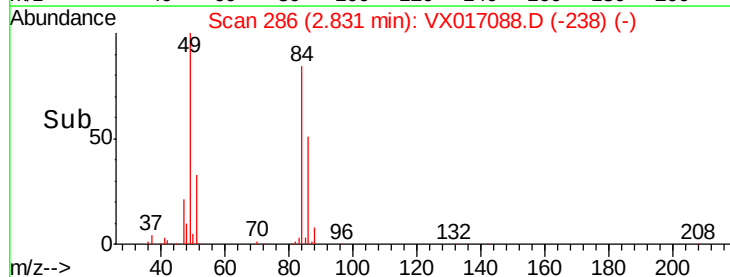
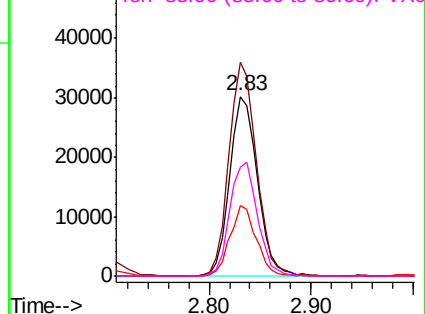


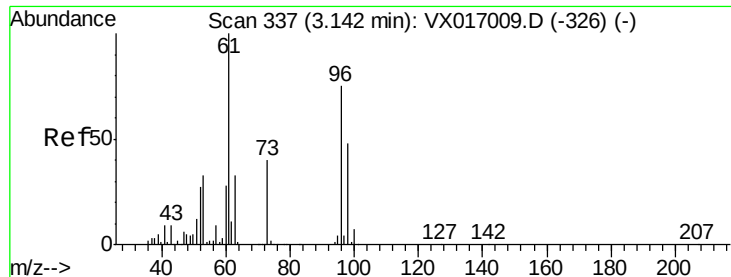
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 18.520 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBS01

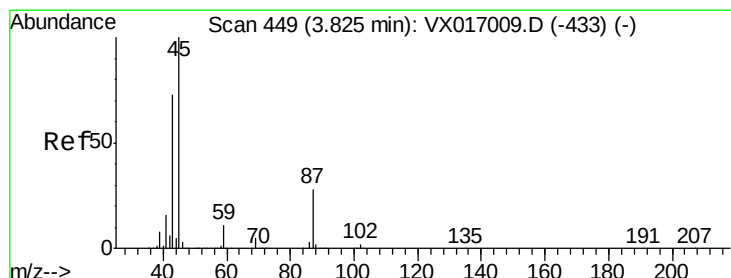
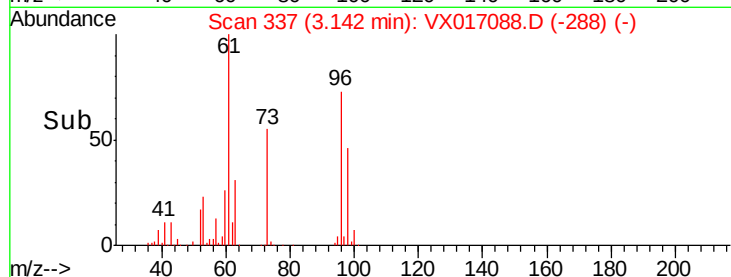
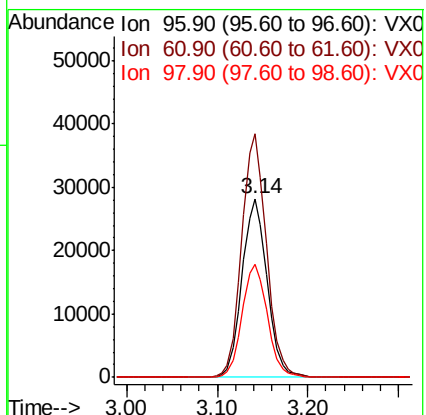
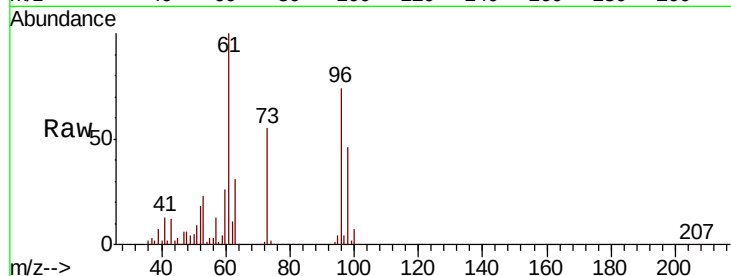
Tot Ion: 96 Resp: 54139

Ion Ratio Lower Upper

96 100

61 136.0 107.0 160.6

98 62.8 51.6 77.4



#22

Diisopropyl ether

Concen: 18.879 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Tgt Ion: 45 Resp: 170100

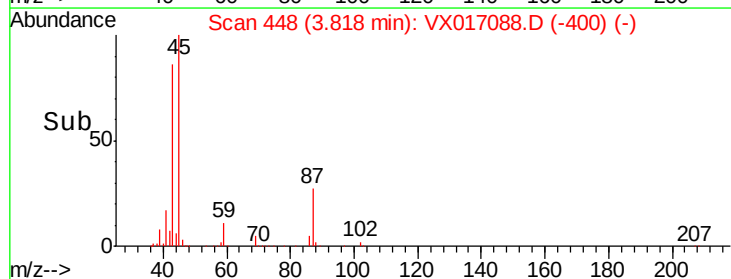
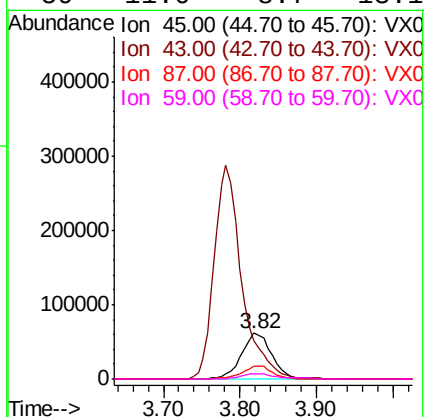
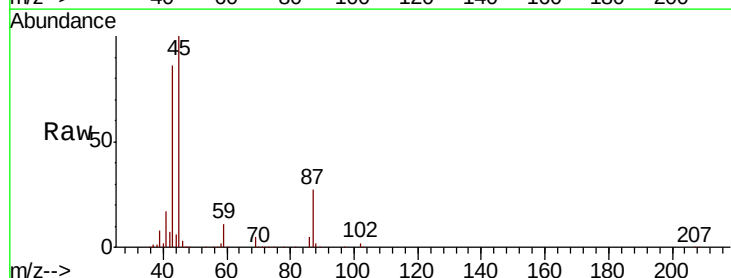
Ion Ratio Lower Upper

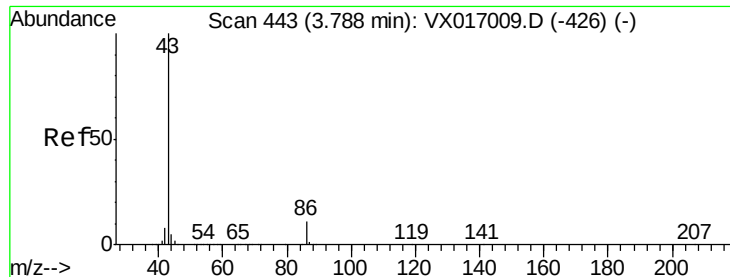
45 100

43 85.0 58.6 88.0

87 27.4 22.6 34.0

59 11.0 8.7 13.1





#23

Vinyl Acetate

Concen: 93.432 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

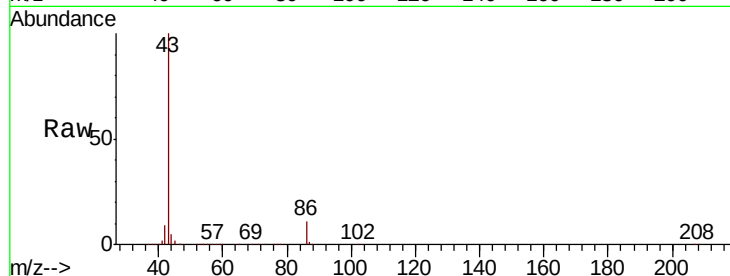
VX0701WBS01

Tot Ion: 43 Resp: 723394

Ion Ratio Lower Upper

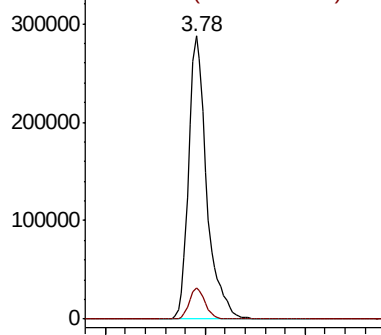
43 100

86 11.0 8.6 13.0

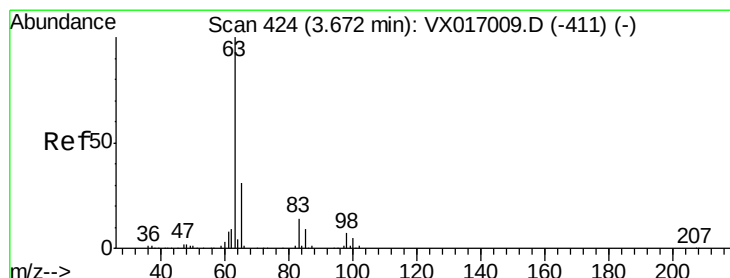
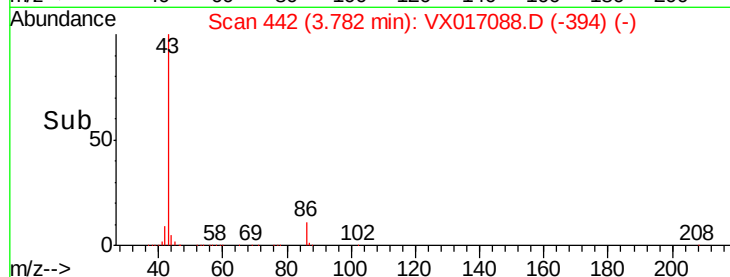


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 18.512 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

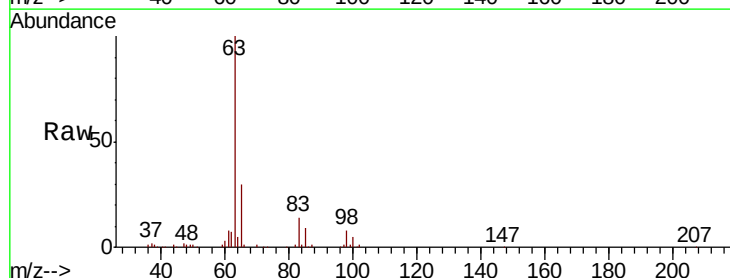
Tgt Ion: 63 Resp: 94903

Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

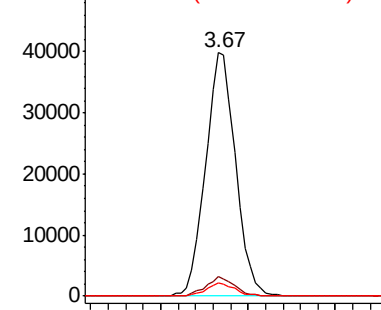
100 5.4 2.4 7.1



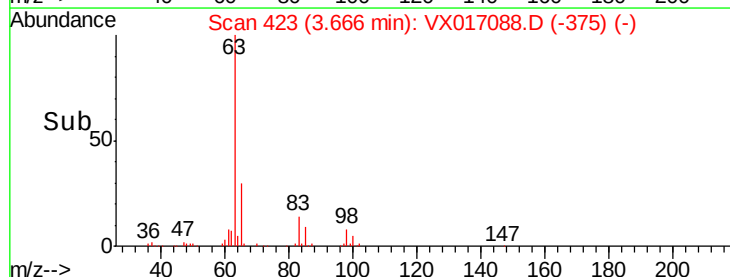
Abundance Ion 62.90 (62.60 to 63.60): VX0

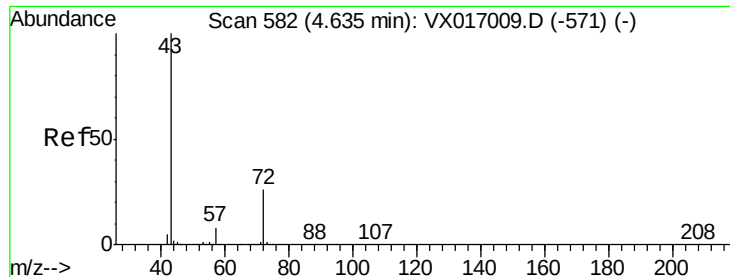
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->

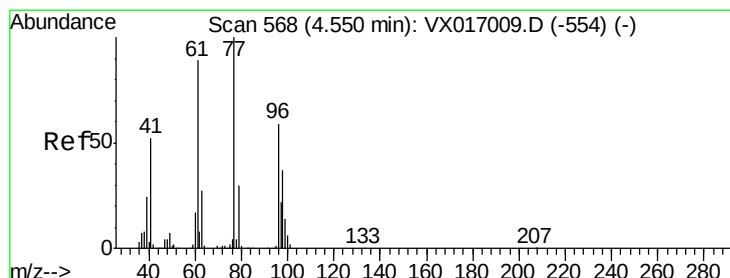
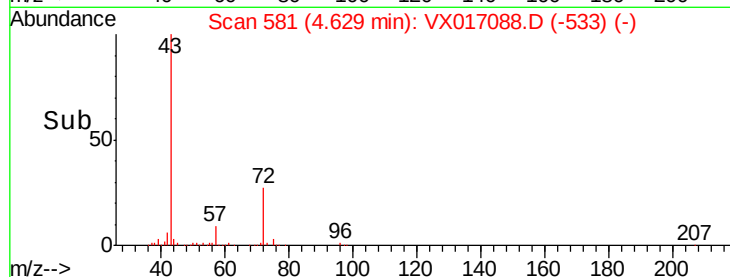
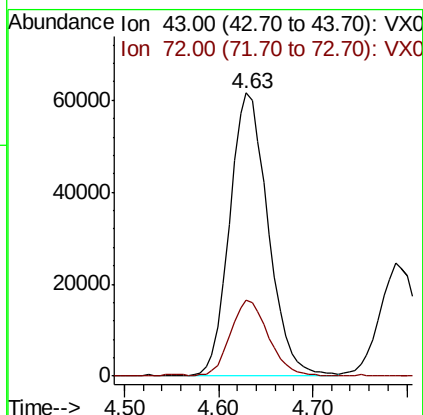
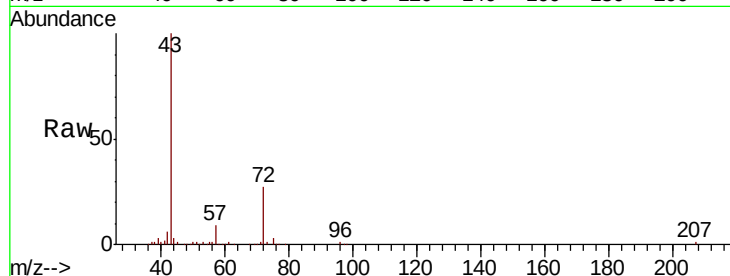




#25
2-Butanone
Concen: 85.195 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

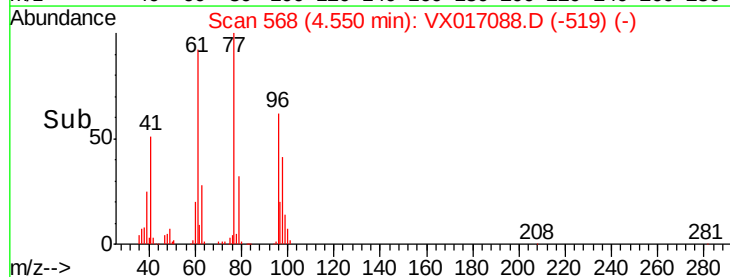
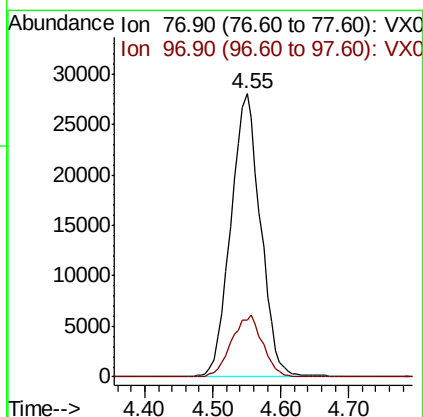
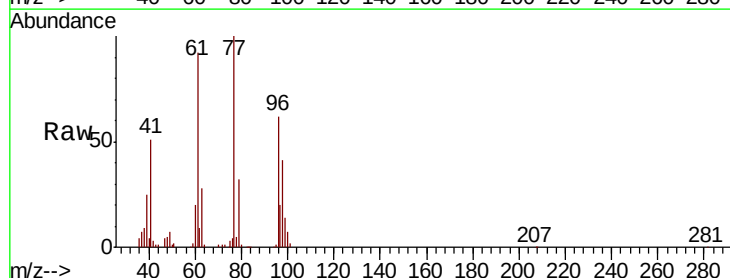
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBS01

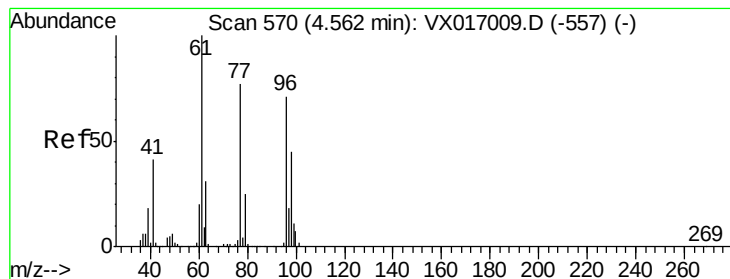
Tot Ion: 43 Resp: 174306
Ion Ratio Lower Upper
43 100
72 26.7 20.8 31.2



#26
2,2-Dichloropropane
Concen: 18.641 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

Tgt Ion: 77 Resp: 84853
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.2



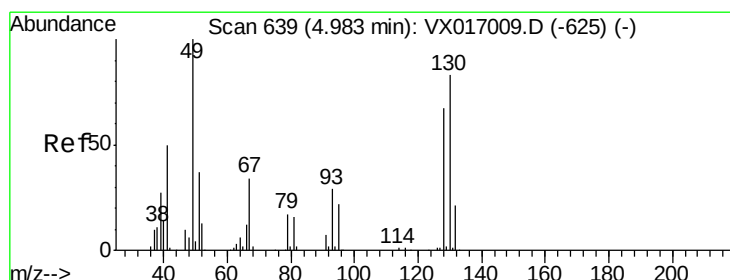
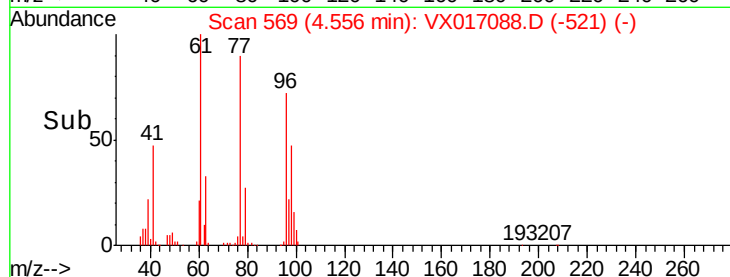
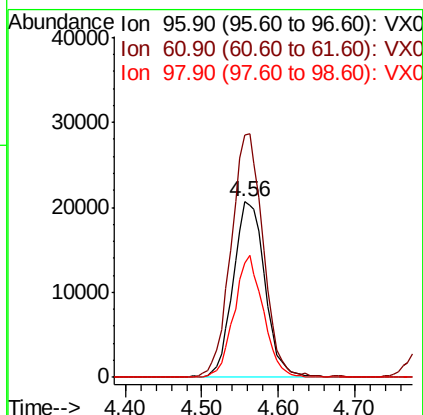
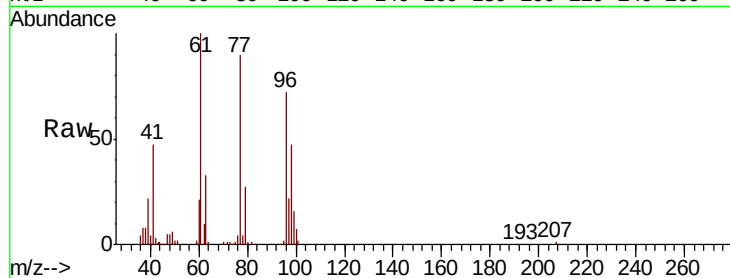


#27

cis-1,2-Dichloroethene
 Concen: 17.933 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS01

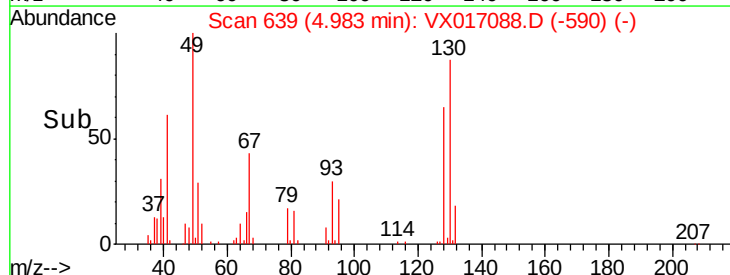
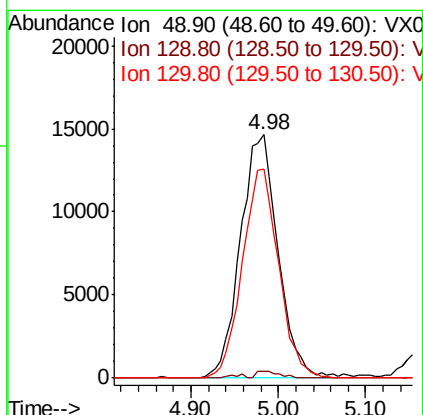
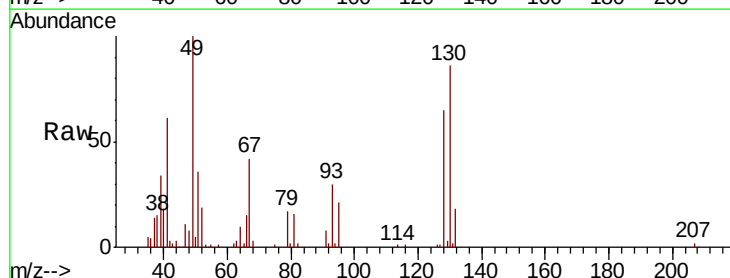
Tot Ion	96	Resp	59398
Ion Ratio	Lower	Upper	
96	100		
61	140.4	0.0	282.8
98	63.9	0.0	127.6

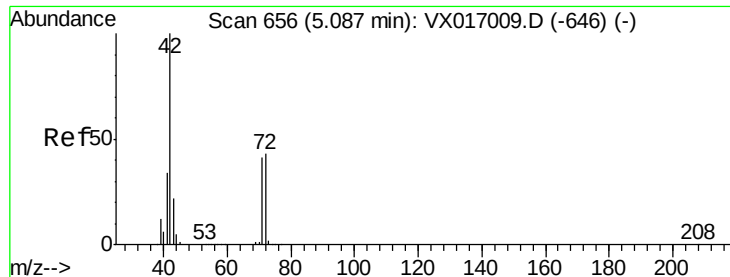


#28

Bromochloromethane
 Concen: 17.582 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

Tgt Ion	49	Resp	43863
Ion Ratio	Lower	Upper	
49	100		
129	1.7	0.0	4.2
130	82.4	66.6	100.0

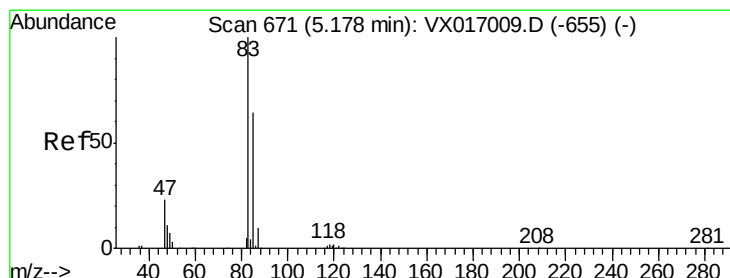
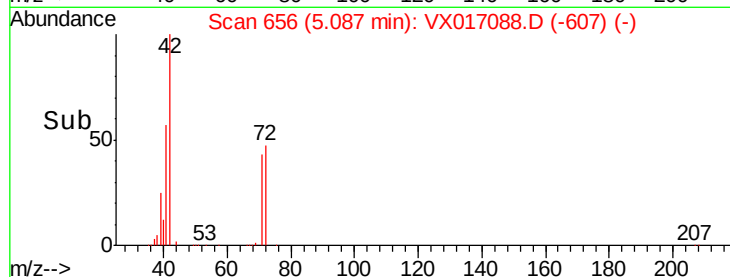
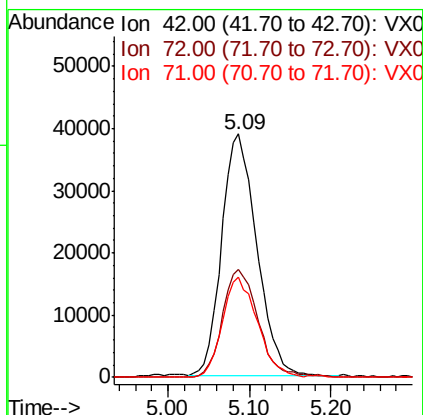
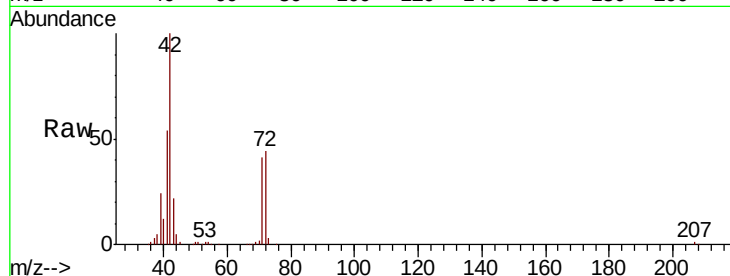




#29
Tetrahydrofuran
Concen: 85.877 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

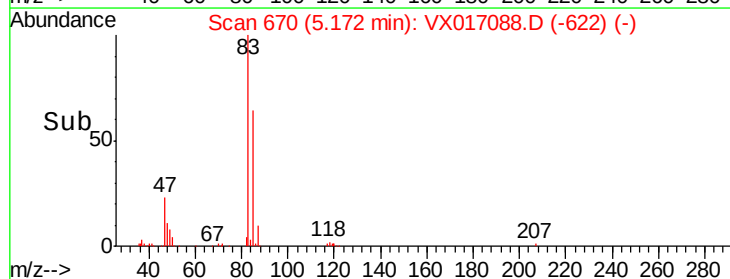
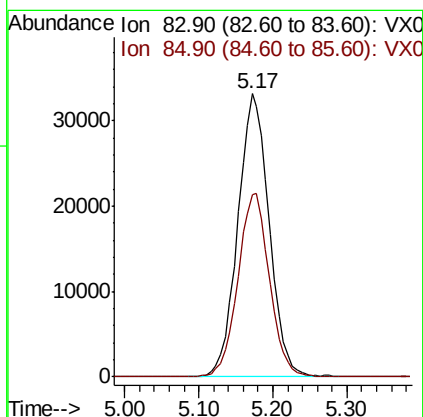
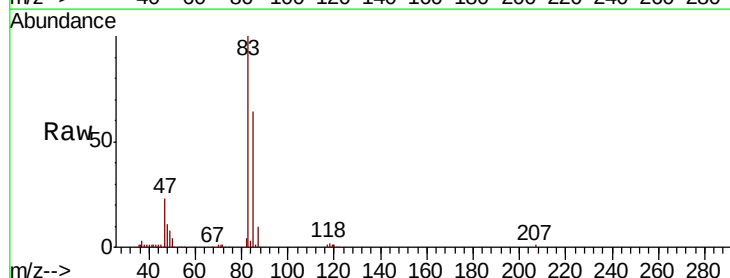
Instrument :
MSVOA_X
ClientSampled :
VX0701WBS01

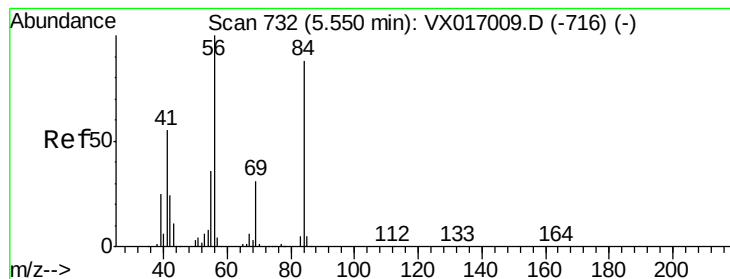
Tot Ion: 42 Resp: 116090
Ion Ratio Lower Upper
42 100
72 45.2 35.3 52.9
71 41.4 33.1 49.7



#30
Chloroform
Concen: 18.592 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

Tgt Ion: 83 Resp: 97706
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.2





#31

Cyclohexane

Concen: 18.083 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBS01

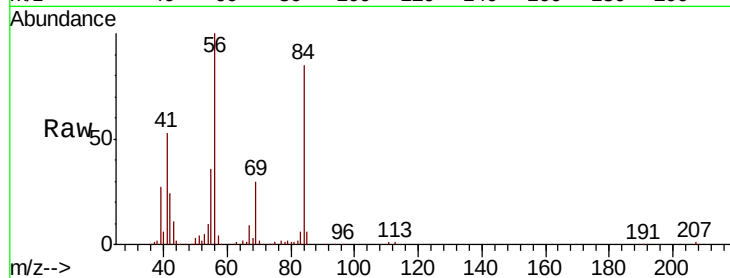
Tot Ion: 56 Resp: 80132

Ion Ratio Lower Upper

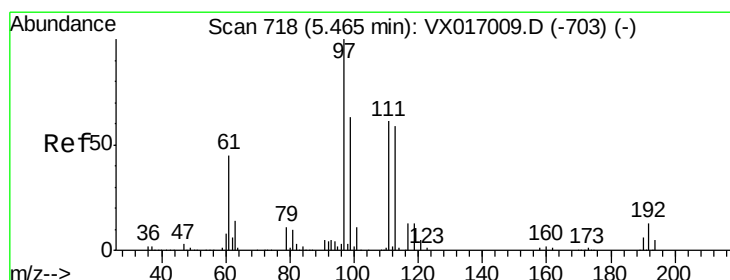
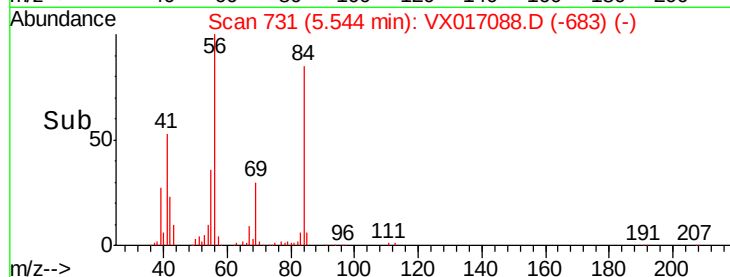
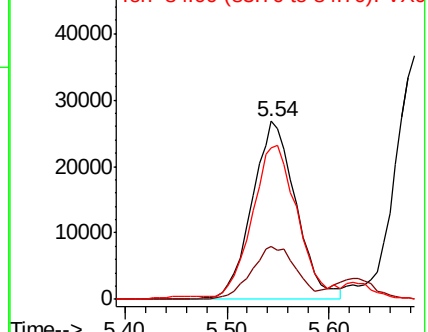
56 100

69 29.6 25.0 37.4

84 83.5 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: 18.471 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

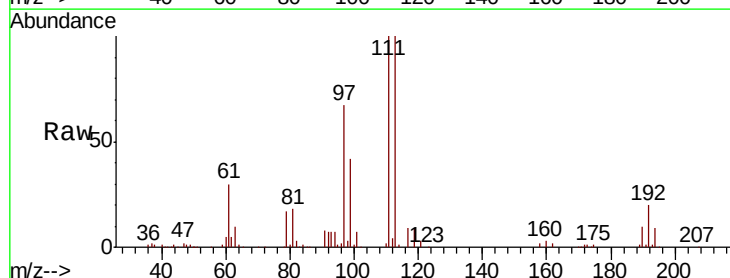
Tgt Ion: 97 Resp: 89399

Ion Ratio Lower Upper

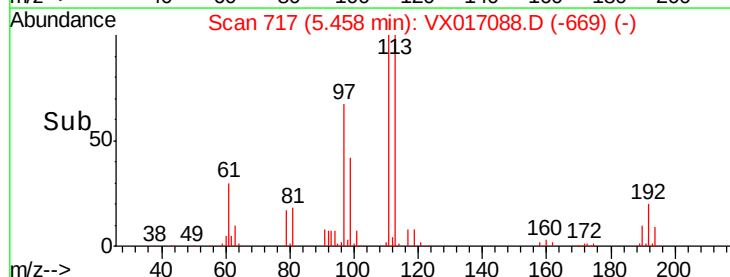
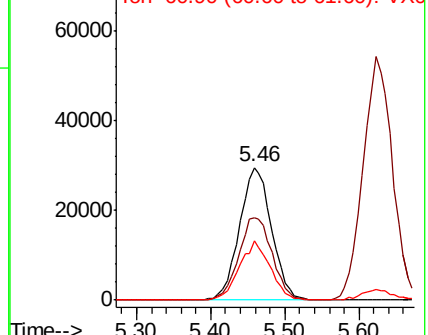
97 100

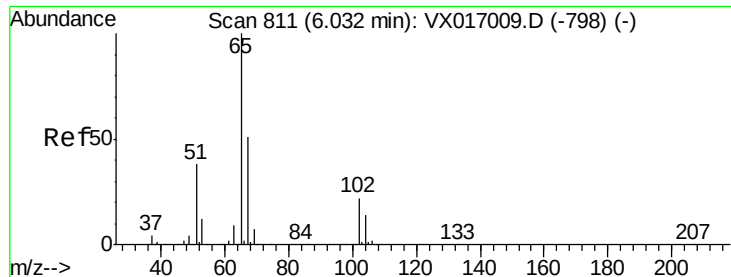
99 64.8 50.8 76.2

61 43.1 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

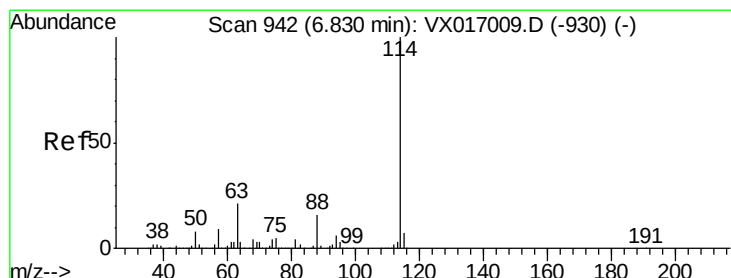
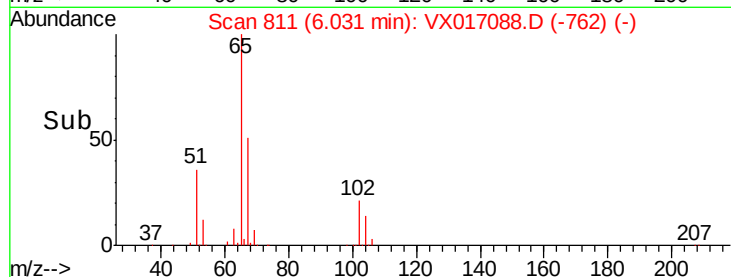
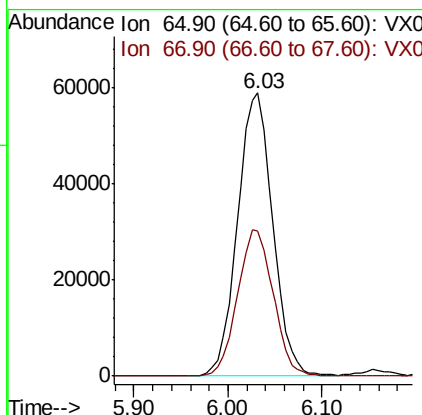
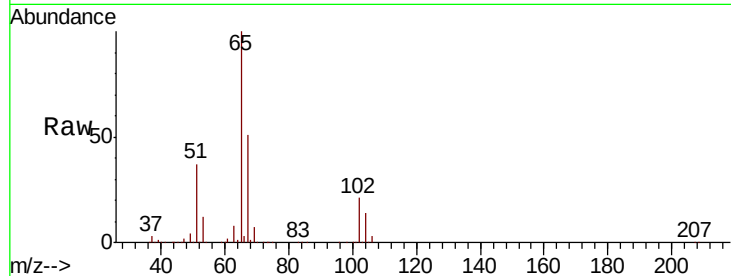




#33
 1,2-Dichloroethane-d4
 Concen: 46.635 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

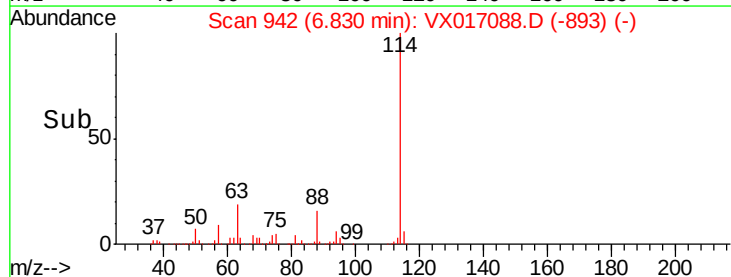
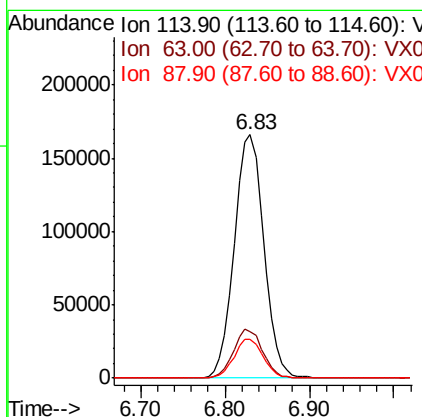
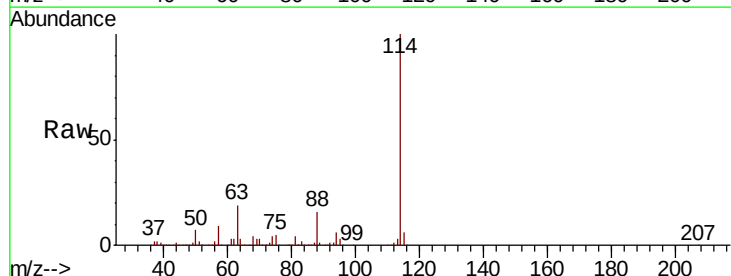
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS01

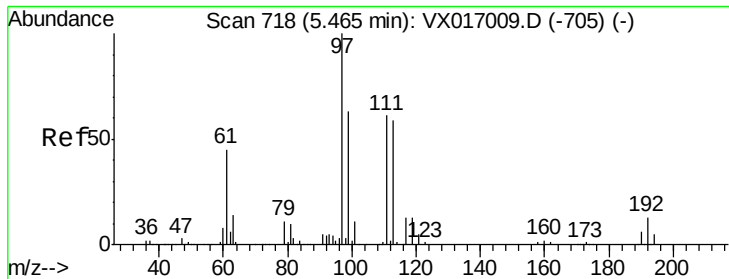
Tot Ion: 65 Resp: 153070
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

Tgt Ion: 114 Resp: 393901
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.4
 88 15.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.050 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBS01

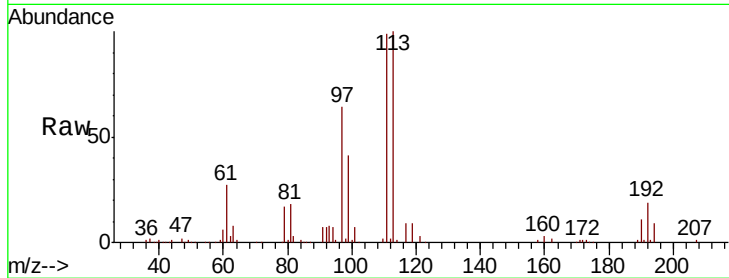
Tot Ion:113 Resp: 127202

Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

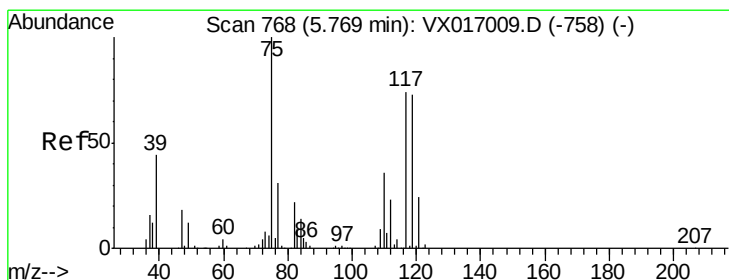
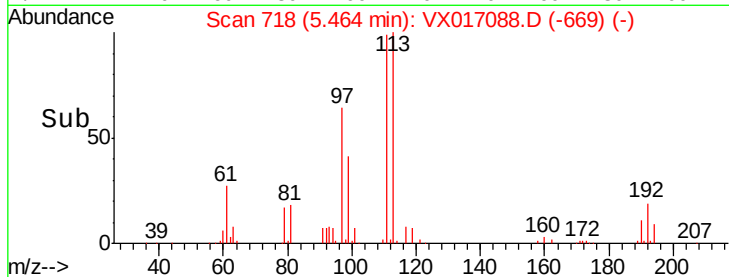
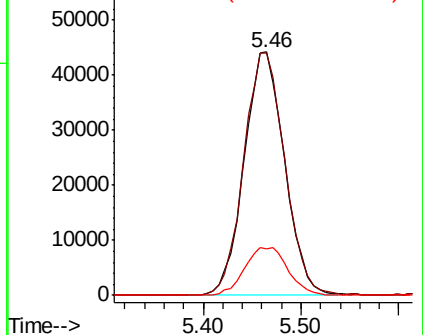
192 21.3 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.151 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

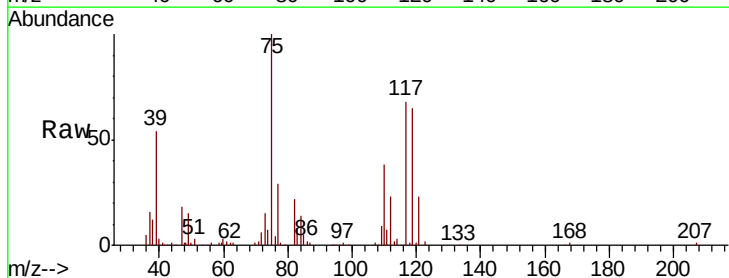
Tgt Ion: 75 Resp: 71296

Ion Ratio Lower Upper

75 100

110 36.7 18.1 54.1

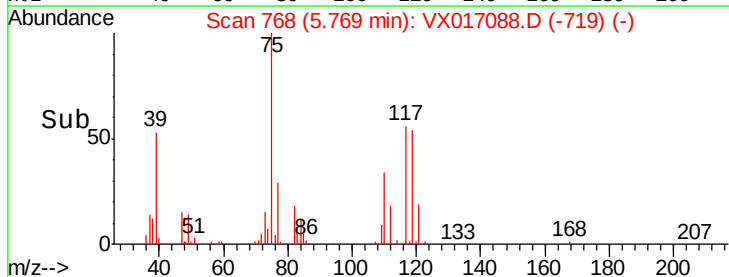
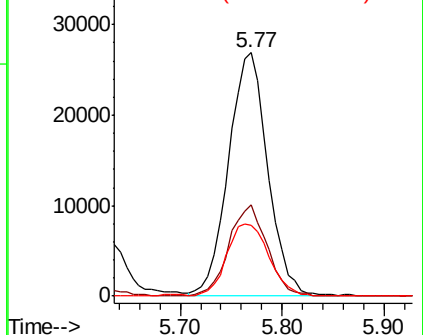
77 31.9 24.6 37.0

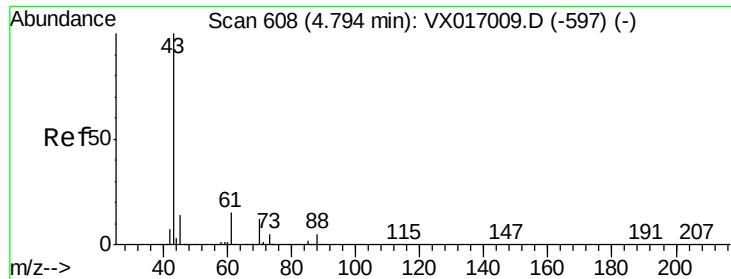


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

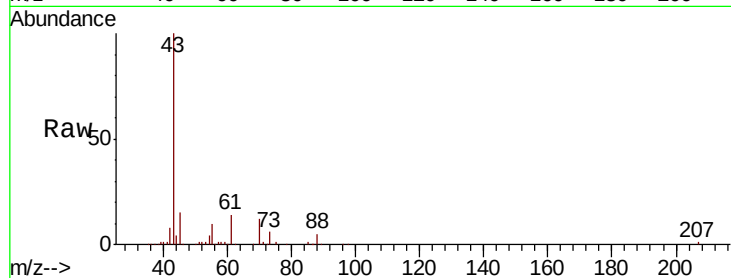




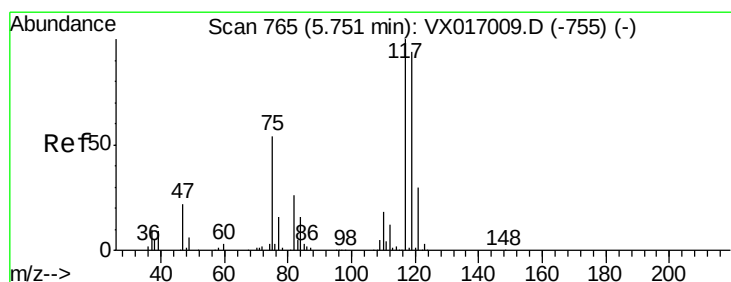
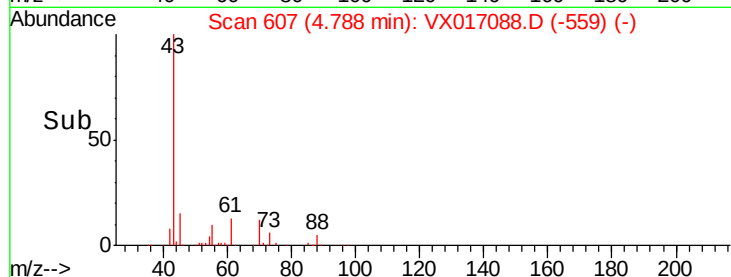
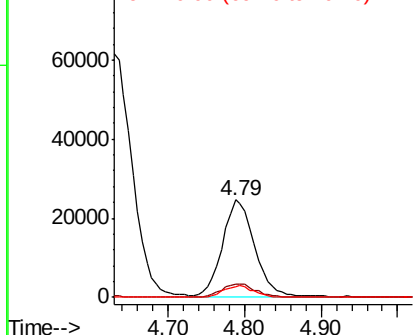
#37
Ethyl Acetate
Concen: 18.818 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBS01

Tot Ion: 43 Resp: 71081
Ion Ratio Lower Upper
43 100
61 14.9 11.0 16.4
70 11.7 8.9 13.3

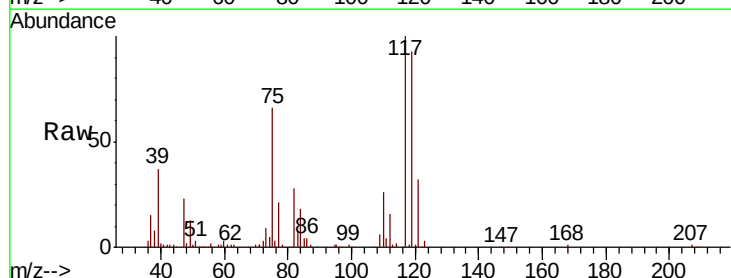


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

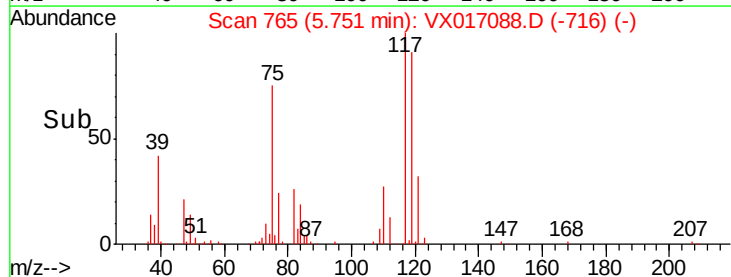
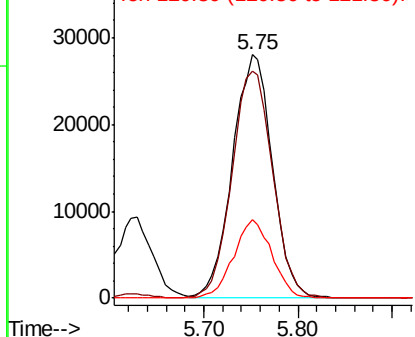


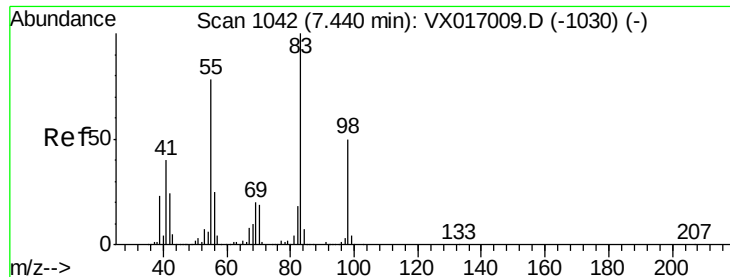
#38
Carbon Tetrachloride
Concen: 20.234 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

Tgt Ion: 117 Resp: 82969
Ion Ratio Lower Upper
117 100
119 92.9 75.4 113.0
121 32.3 23.8 35.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

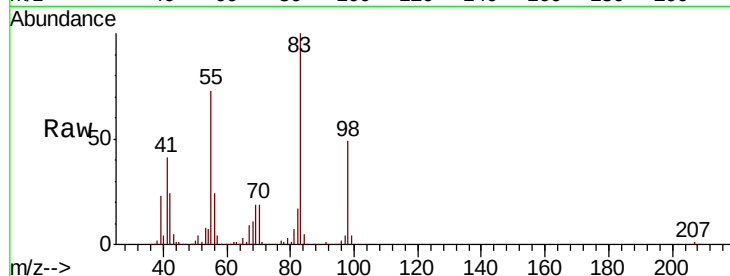




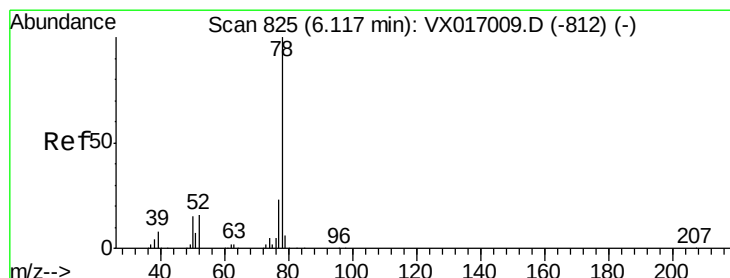
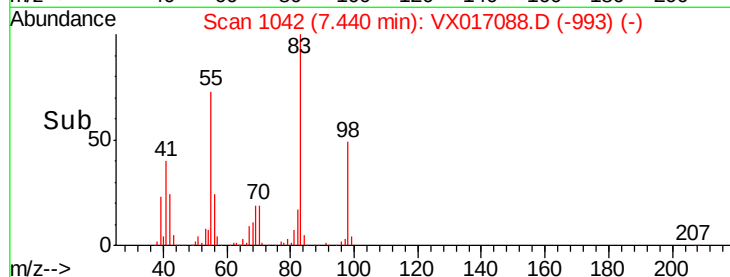
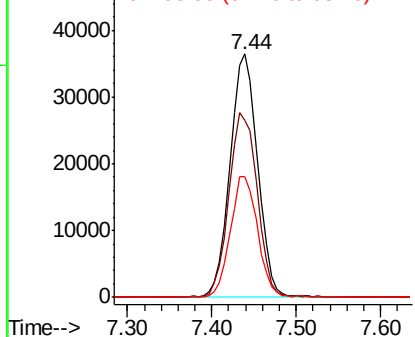
#39
Methylvlcyclohexane
Concen: 19.452 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBS01

Tot Ion: 83 Resp: 80571
Ion Ratio Lower Upper
83 100
55 72.6 62.5 93.7
98 49.5 40.1 60.1

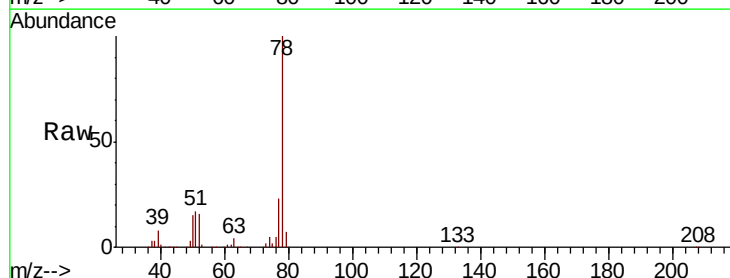


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

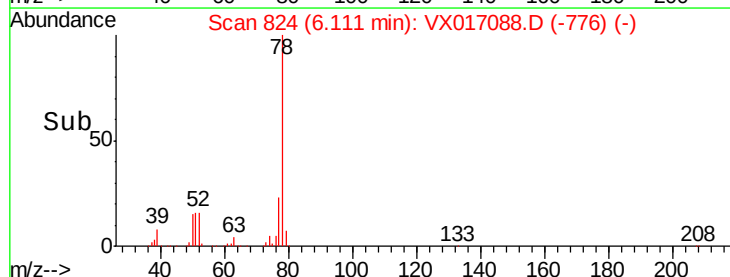
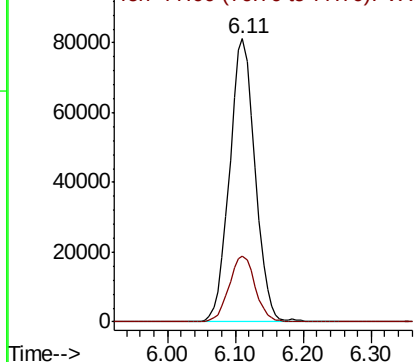


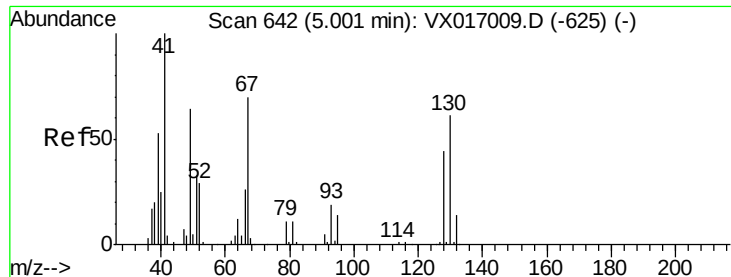
#40
Benzene
Concen: 19.346 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

Tgt Ion: 78 Resp: 211608
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 18.721 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampled :

VX0701WBS01

Tot Ion: 41 Resp: 39800

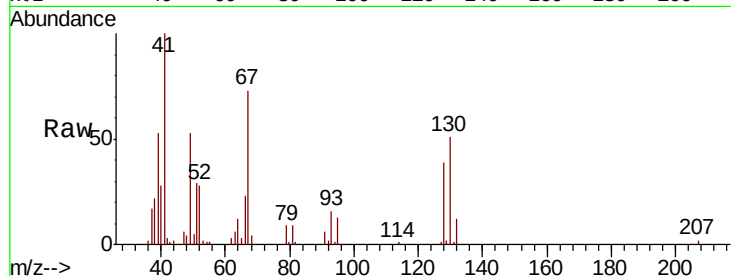
Ion Ratio Lower Upper

41 100

39 56.2 44.4 66.6

67 70.3 57.1 85.7

52 31.3 23.2 34.8

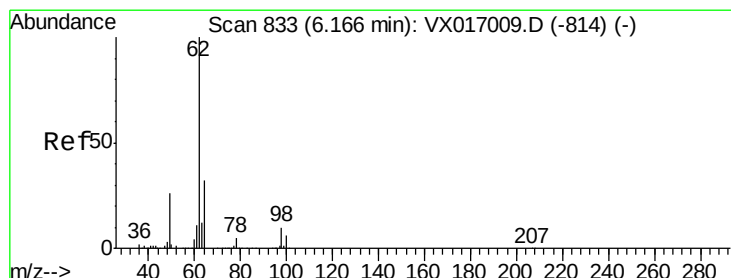
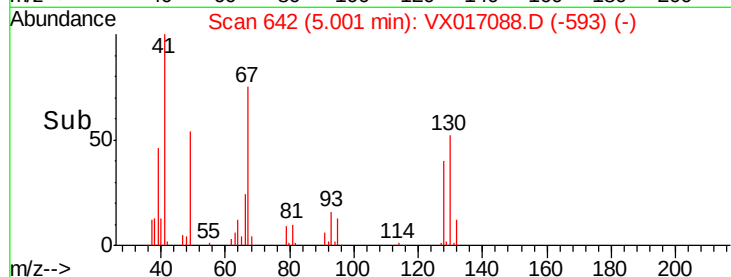
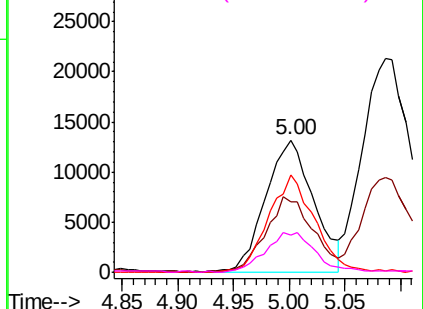


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.082 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017088.D

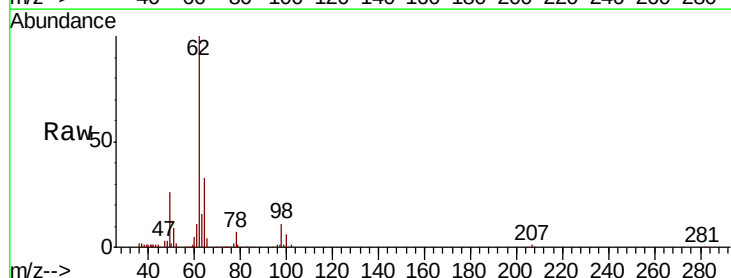
Acq: 01 Jul 2020 11:17

Tgt Ion: 62 Resp: 79346

Ion Ratio Lower Upper

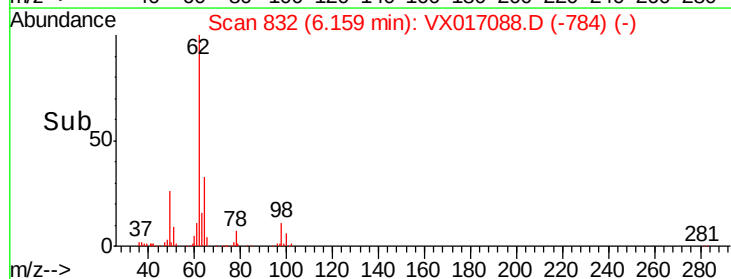
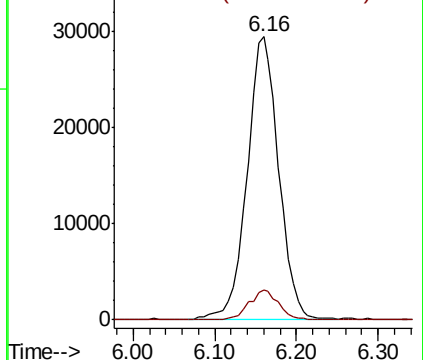
62 100

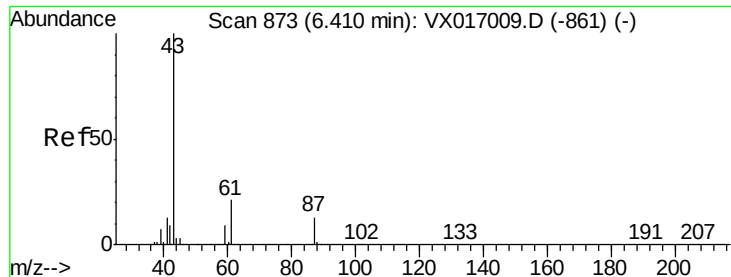
98 10.0 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.419 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBS01

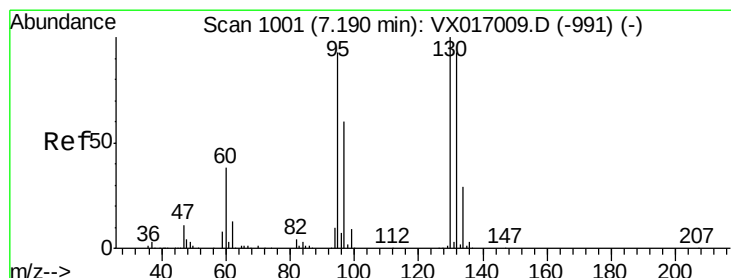
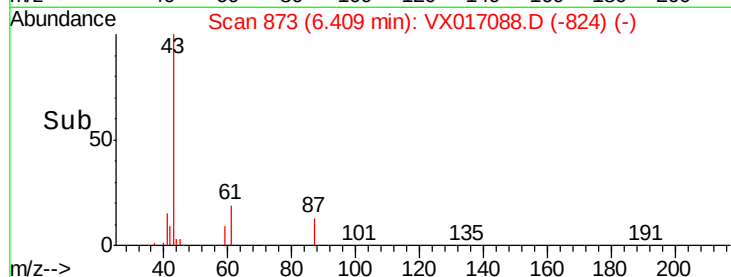
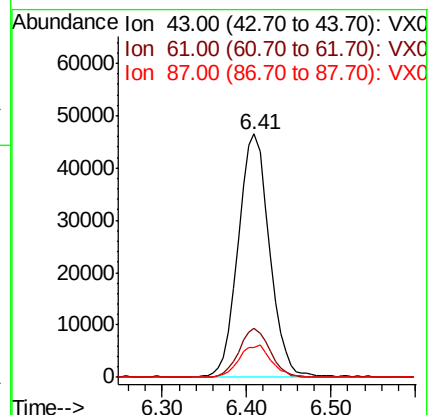
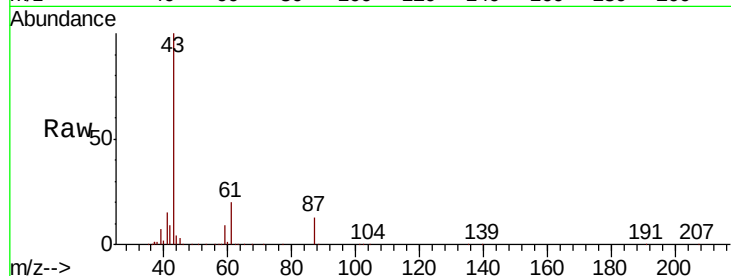
Tot Ion: 43 Resp: 115611

Ion Ratio Lower Upper

43 100

61 20.1 16.2 24.2

87 13.8 10.7 16.1



#44

Trichloroethene

Concen: 20.276 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017088.D

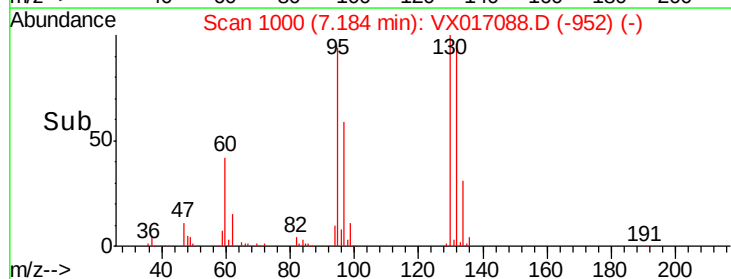
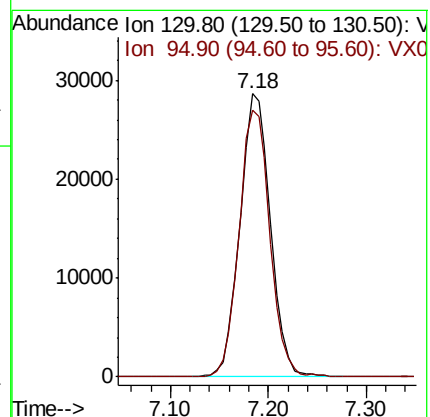
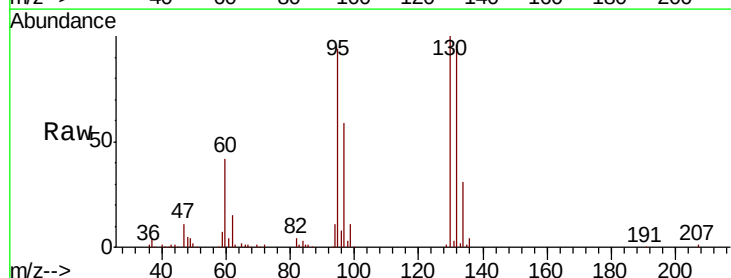
Acq: 01 Jul 2020 11:17

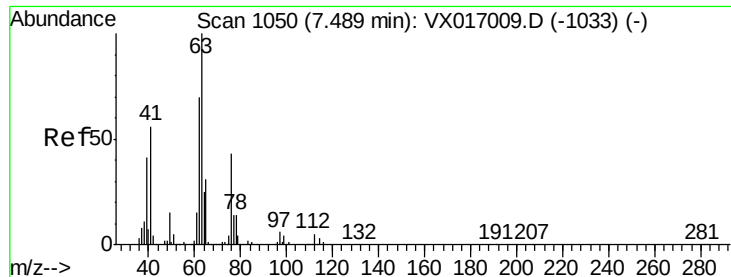
Tgt Ion: 130 Resp: 61758

Ion Ratio Lower Upper

130 100

95 94.1 0.0 185.0

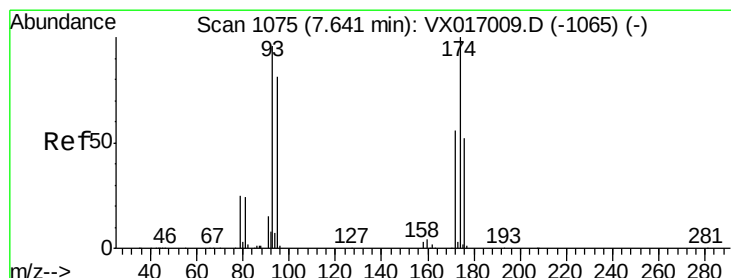
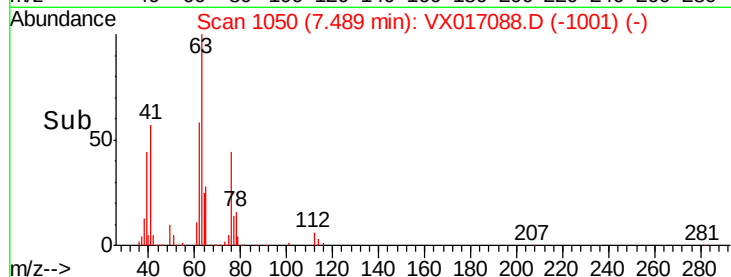
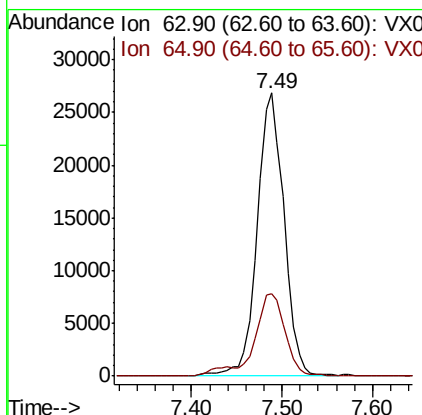
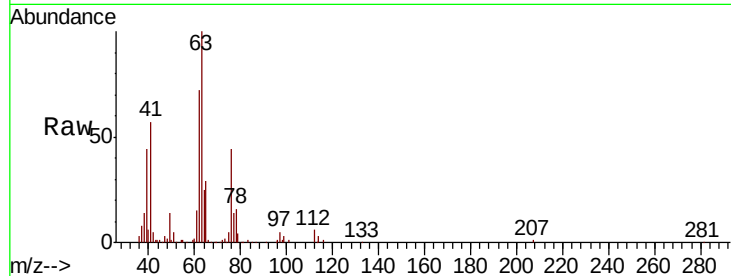




#45
 1,2-Dichloropropane
 Concen: 19.572 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

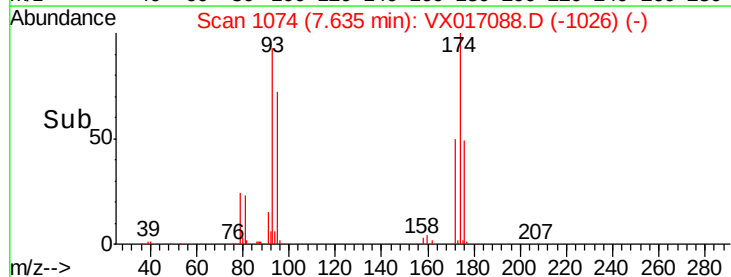
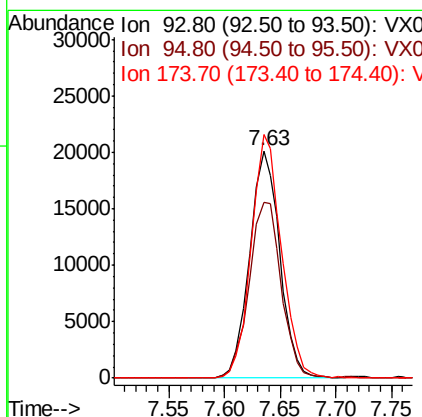
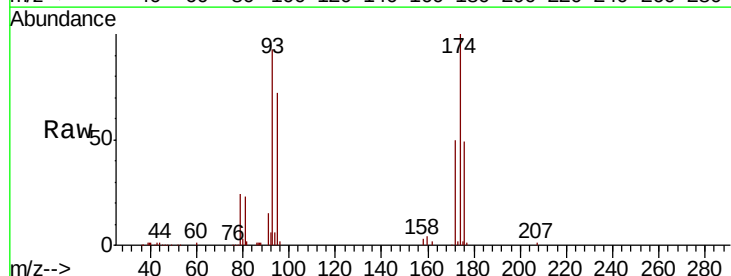
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS01

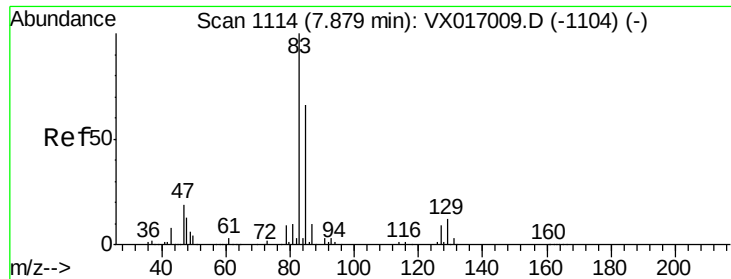
Tot Ion: 63 Resp: 54987
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.6 36.8



#46
 Dibromomethane
 Concen: 19.880 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

Tgt Ion: 93 Resp: 38130
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.4 101.0
 174 107.4 84.3 126.5





#47

Bromodichloromethane

Concen: 19.804 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBS01

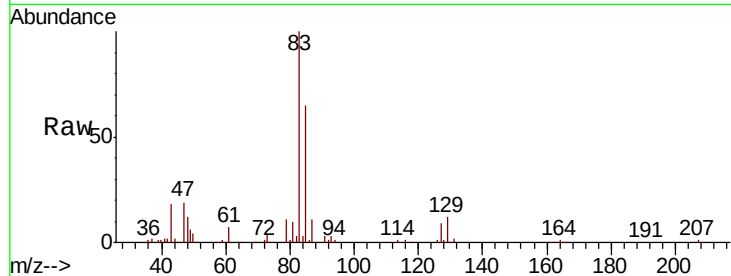
Tot Ion: 83 Resp: 78280

Ion Ratio Lower Upper

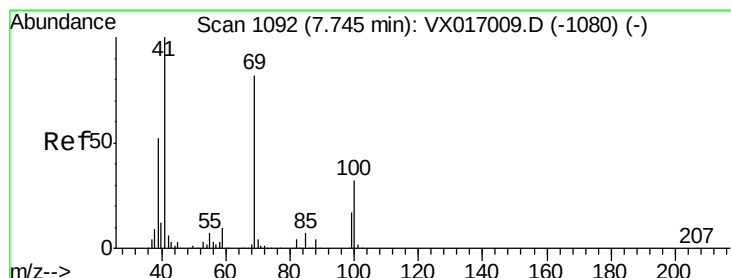
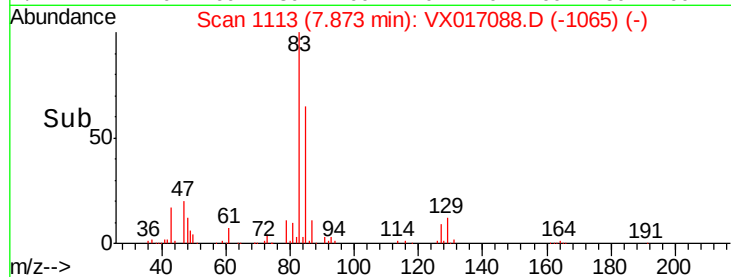
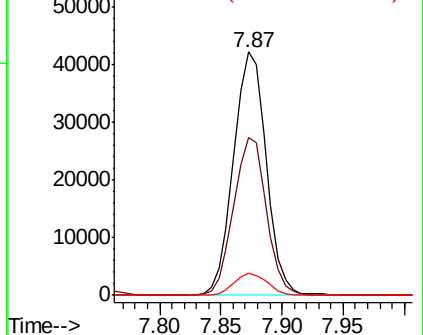
83 100

85 64.9 53.0 79.4

127 9.1 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: 19.021 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

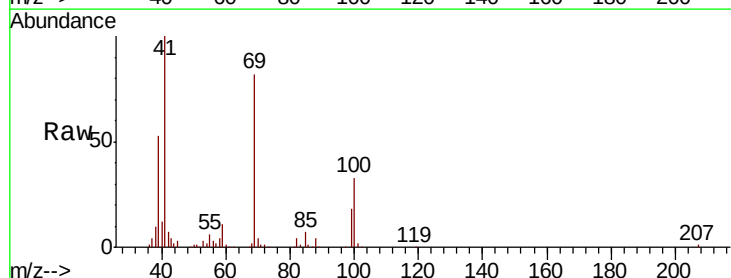
Tgt Ion: 41 Resp: 56720

Ion Ratio Lower Upper

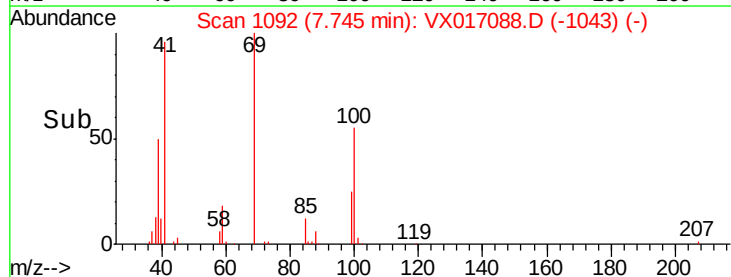
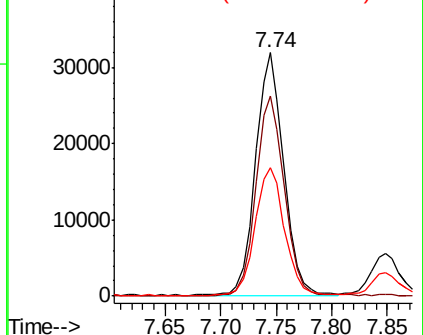
41 100

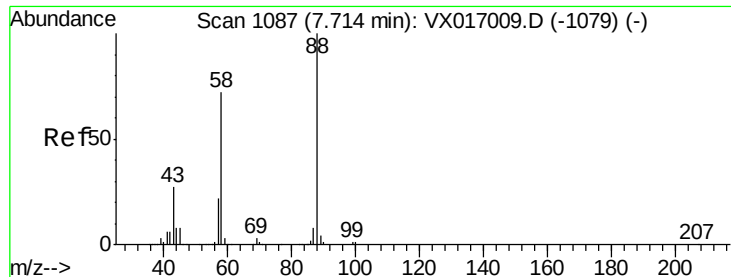
69 82.5 65.8 98.8

39 55.6 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

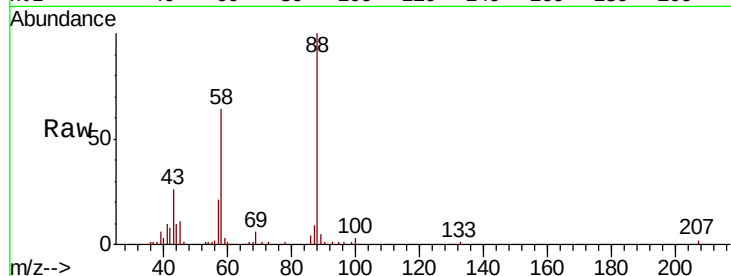




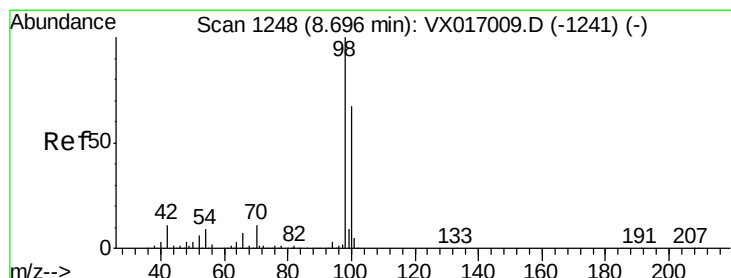
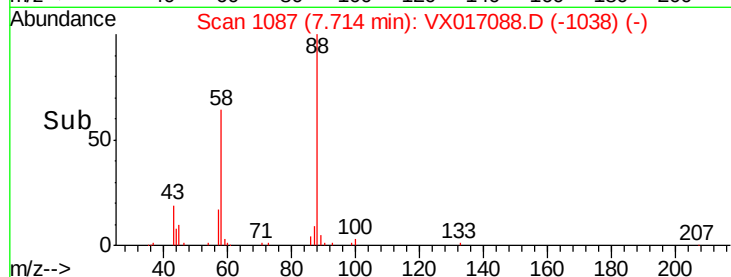
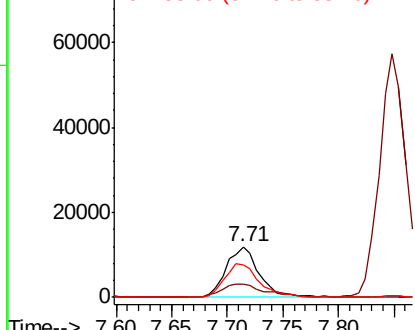
#49
1,4-Dioxane
Concen: 358.336 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBS01

Tot Ion: 88 Resp: 24208
Ion Ratio Lower Upper
88 100
43 32.8 25.8 38.8
58 70.3 54.8 82.2

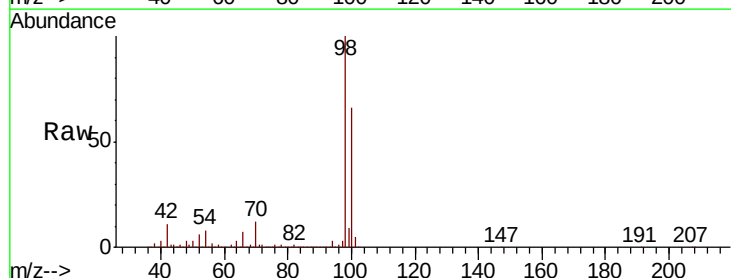


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

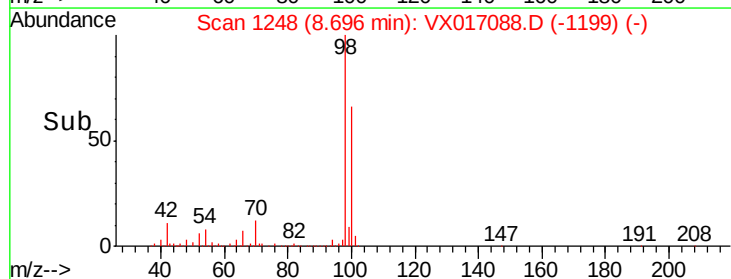
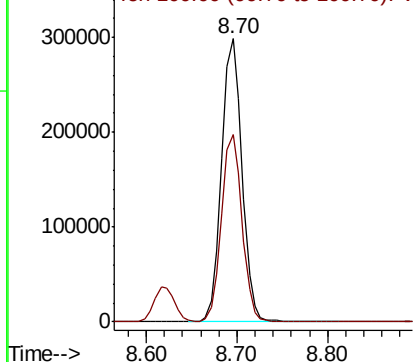


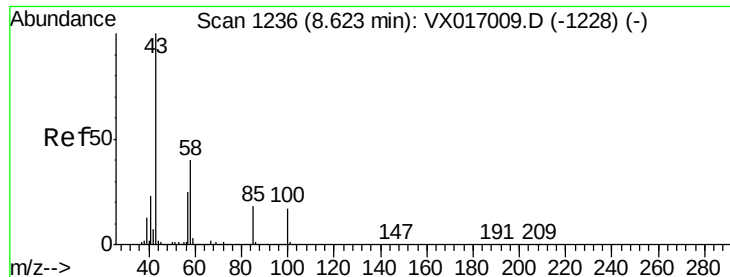
#50
Toluene-d8
Concen: 51.037 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

Tgt Ion: 98 Resp: 470244
Ion Ratio Lower Upper
98 100
100 66.8 53.8 80.6



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

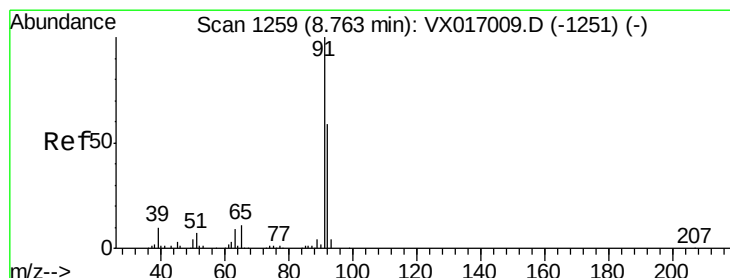
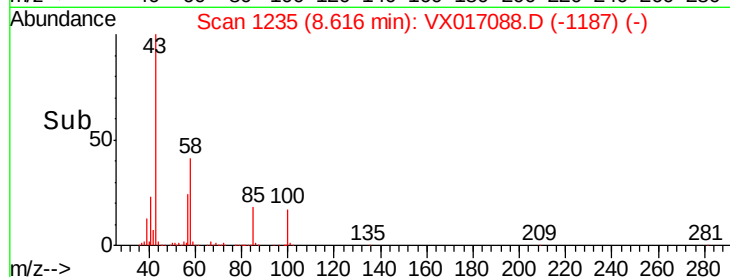
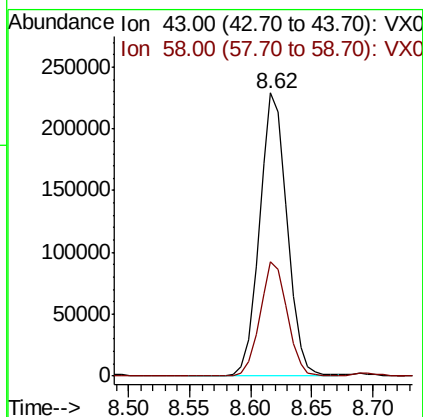
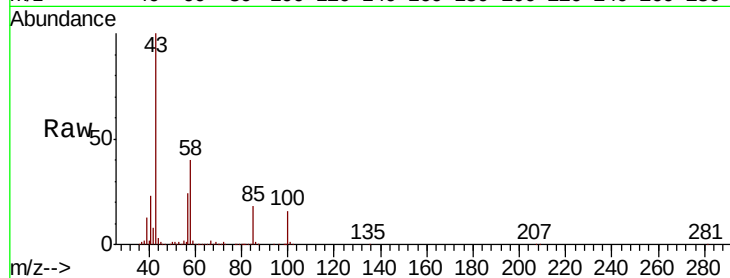




#51
 4-Methyl-2-Pentanone
 Concen: 96.016 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

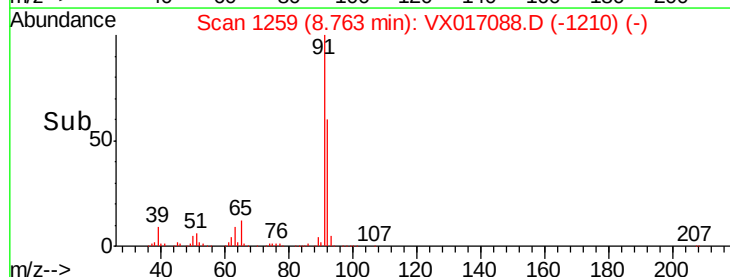
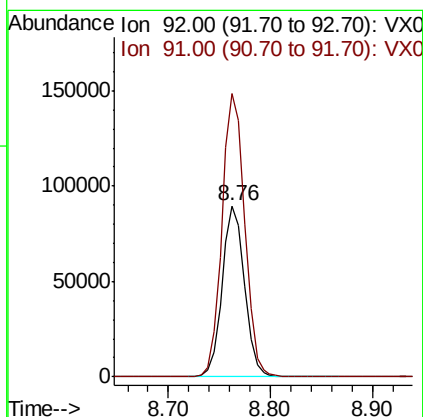
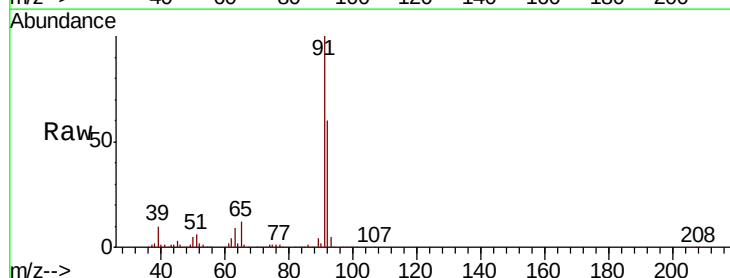
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS01

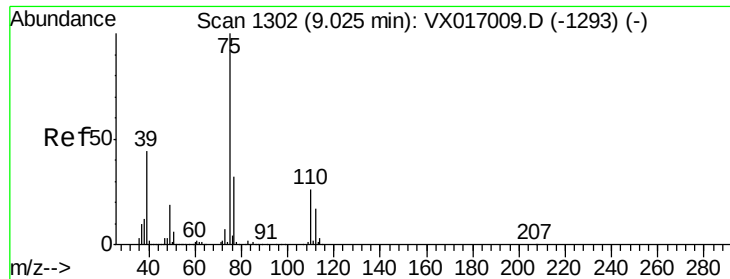
Tot Ion: 43 Resp: 359246
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.9 47.9



#52
 Toluene
 Concen: 19.886 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

Tgt Ion: 92 Resp: 135806
 Ion Ratio Lower Upper
 92 100
 91 169.5 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 19.538 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

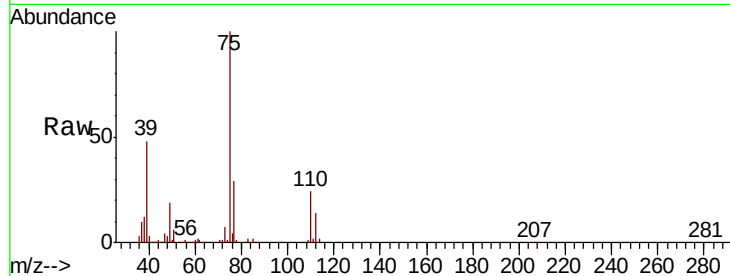
VX0701WBS01

Tot Ion: 75 Resp: 85208

Ion Ratio Lower Upper

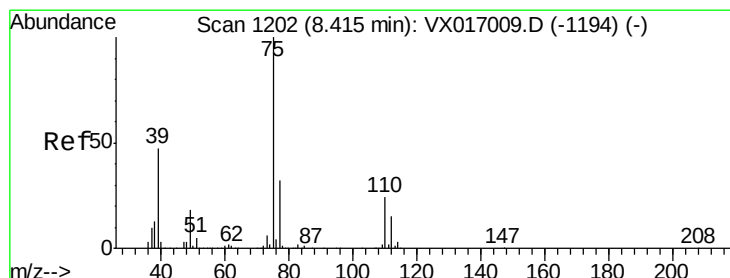
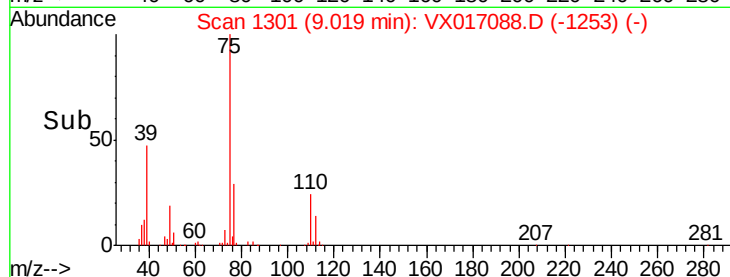
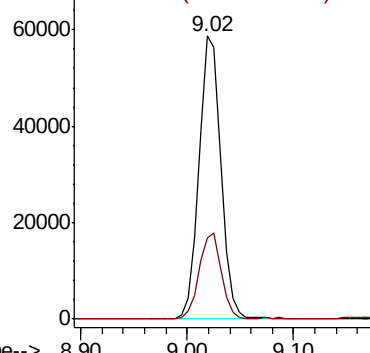
75 100

77 28.8 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.738 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

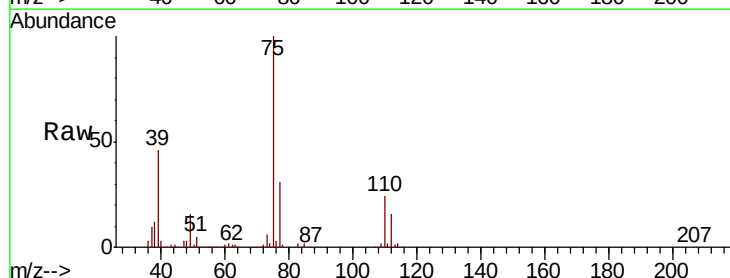
Tgt Ion: 75 Resp: 92279

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

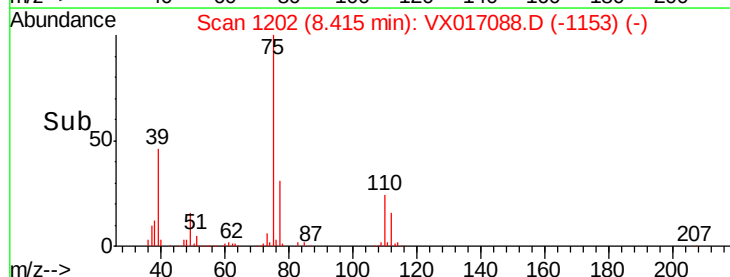
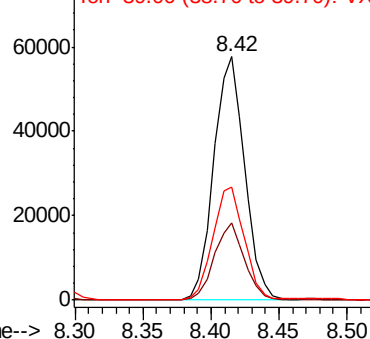
39 45.6 37.4 56.2

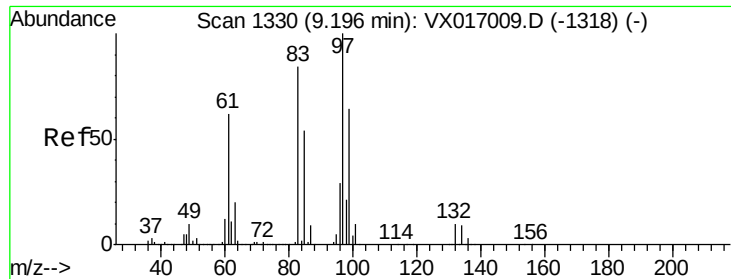


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

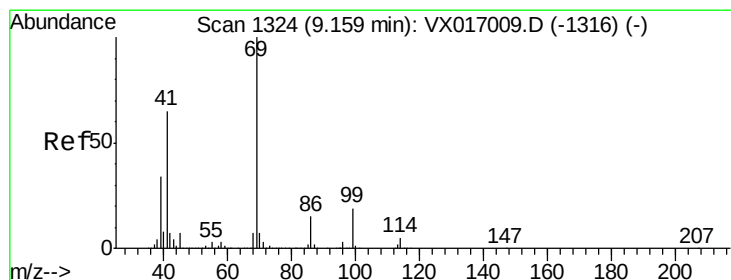
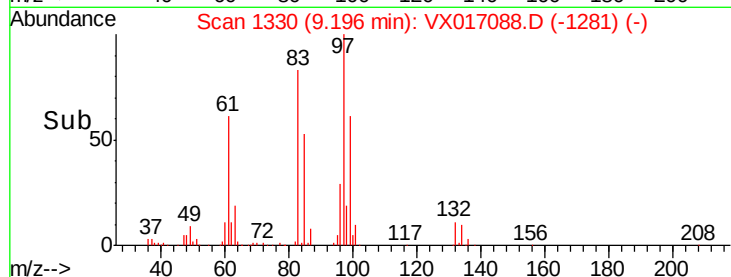
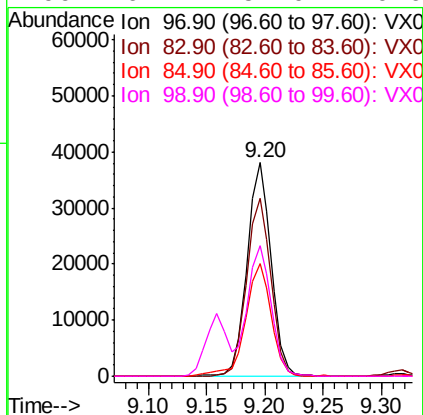
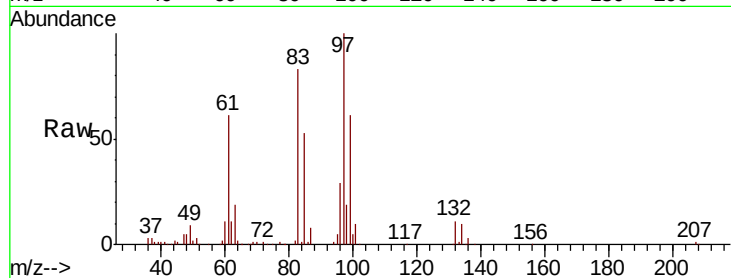




#55
 1,1,2-Trichloroethane
 Concen: 19.704 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

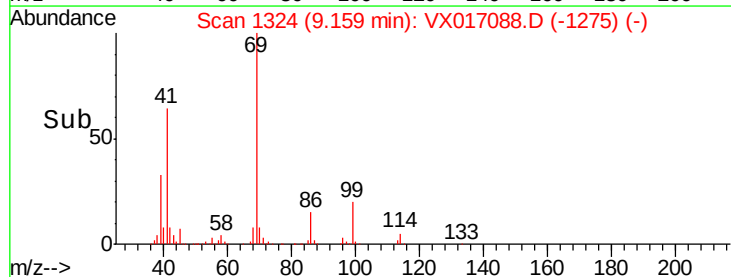
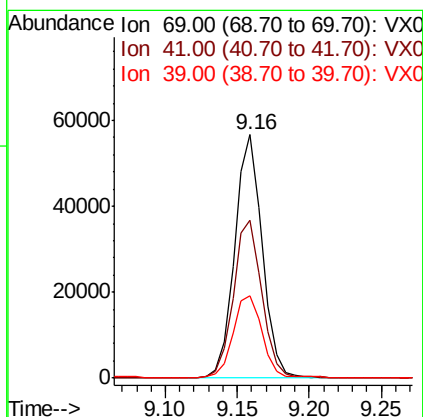
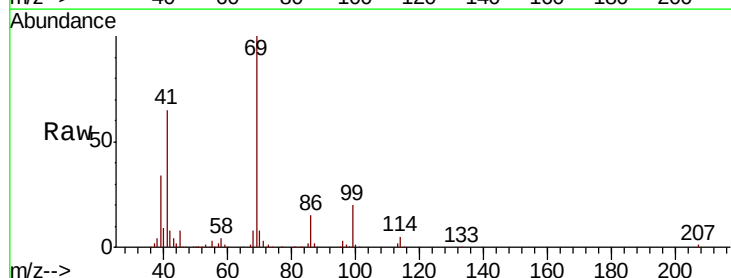
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS01

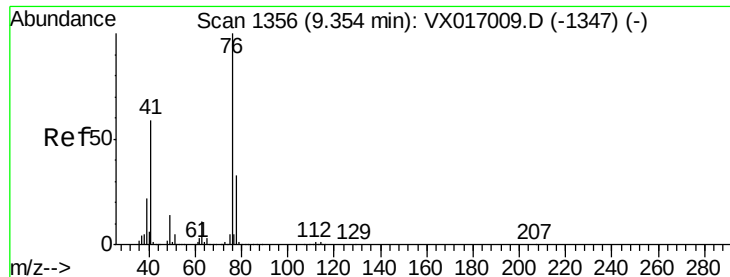
Tot Ion:	97	Resp:	54980
Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.0	100.6
85	52.6	43.5	65.3
99	61.1	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 19.011 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

Tgt Ion:	69	Resp:	75501
Ion	Ratio	Lower	Upper
69	100		
41	66.8	53.6	80.4
39	35.9	28.2	42.2

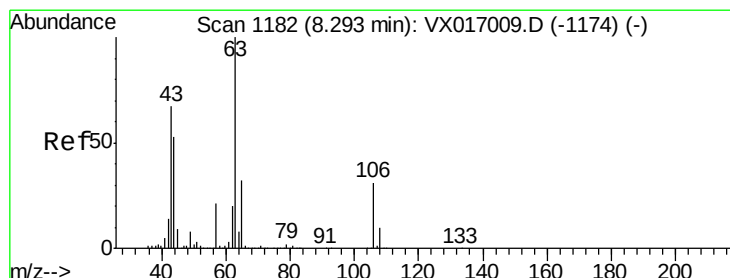
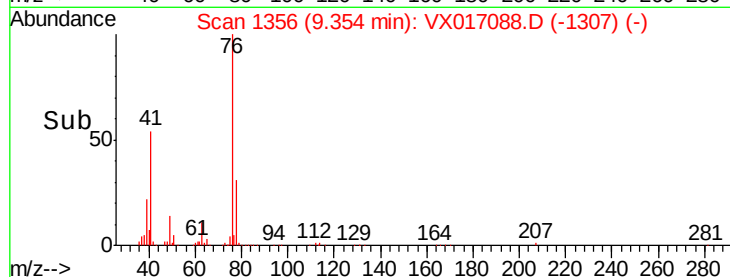
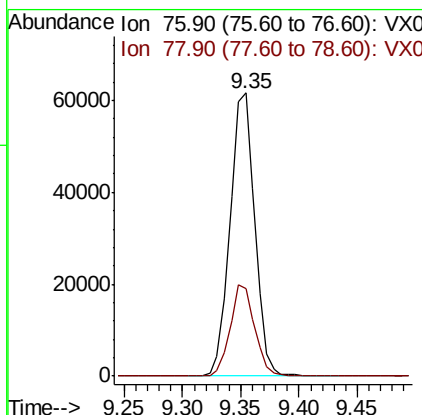
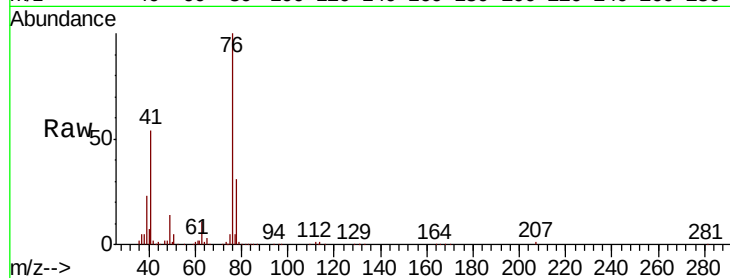




#57
 1,3-Dichloropropane
 Concen: 19.282 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

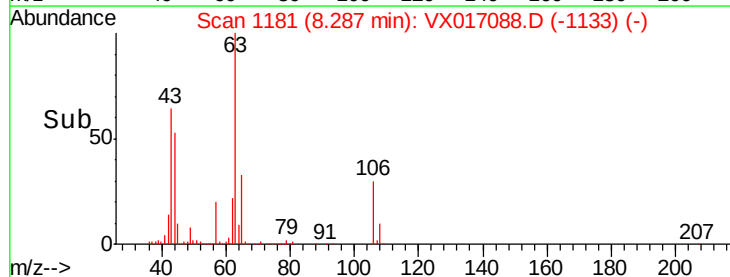
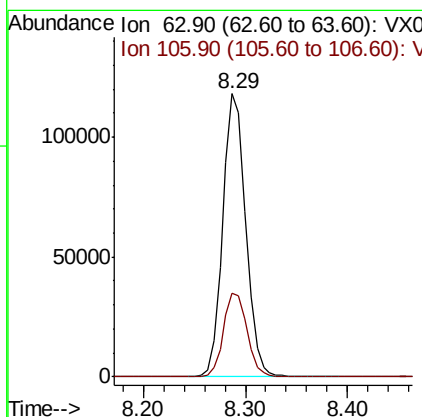
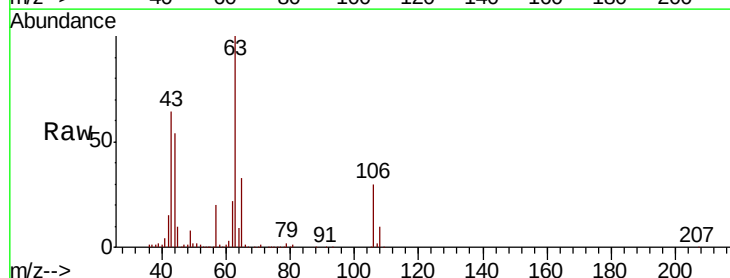
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS01

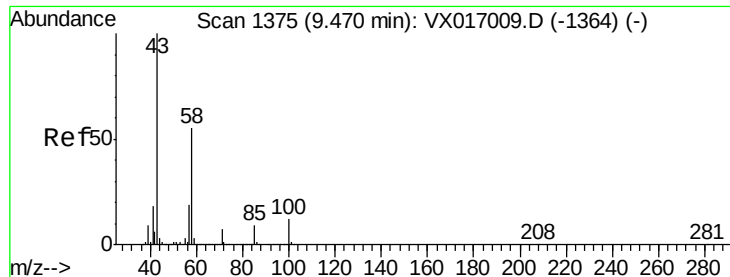
Tot Ion: 76 Resp: 91036
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.237 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

Tgt Ion: 63 Resp: 184288
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.0 36.0

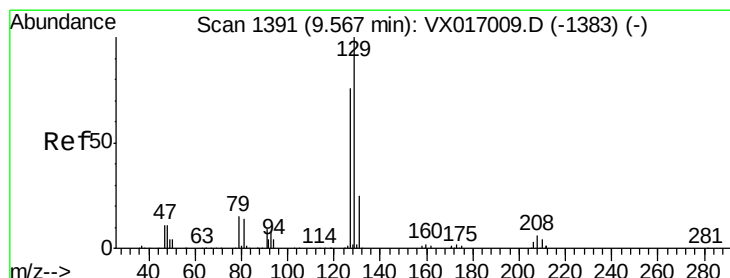
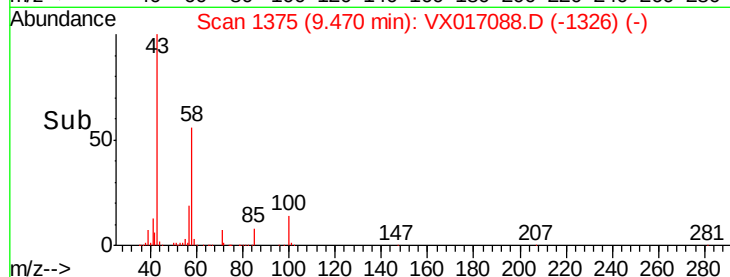
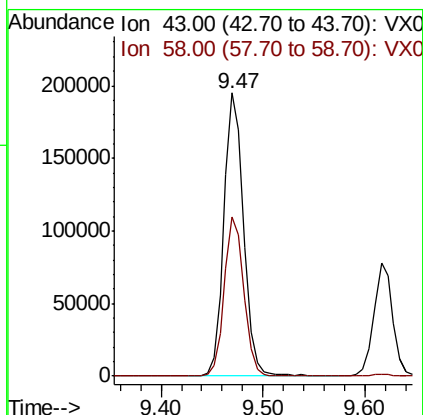
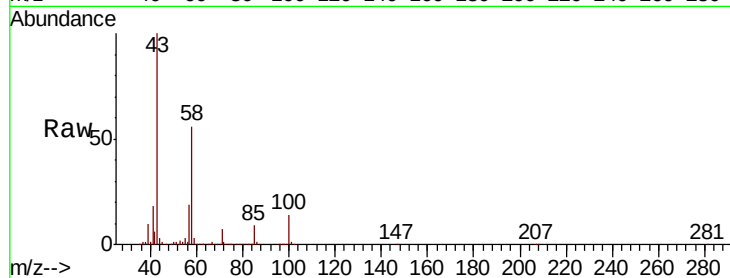




#59
2-Hexanone
Concen: 95.556 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

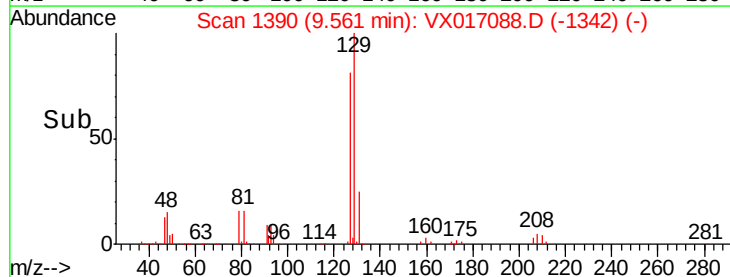
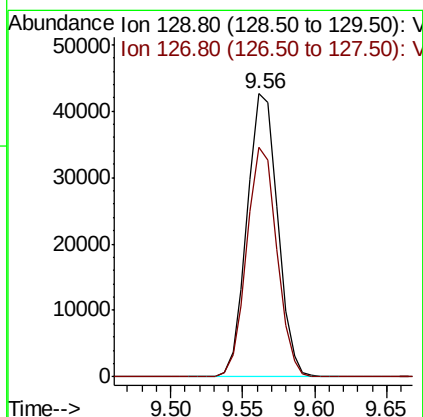
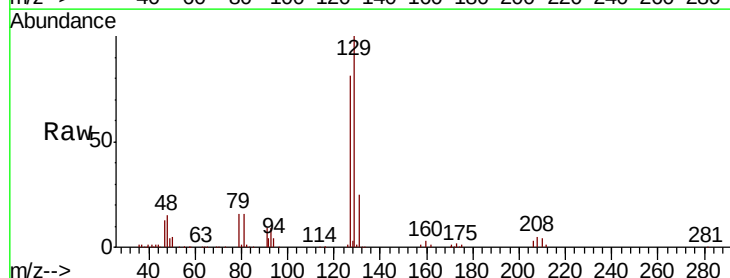
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBS01

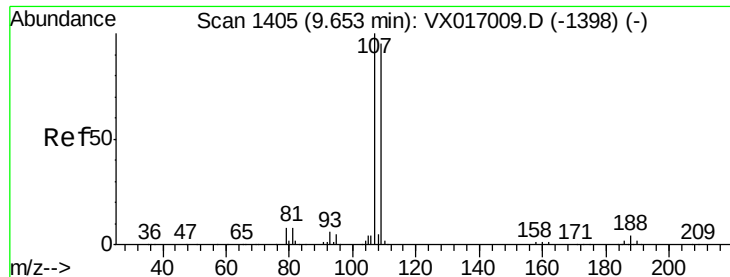
Tot Ion: 43 Resp: 261112
Ion Ratio Lower Upper
43 100
58 55.9 27.9 83.6



#60
Dibromochloromethane
Concen: 19.330 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

Tgt Ion: 129 Resp: 62643
Ion Ratio Lower Upper
129 100
127 79.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.217 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

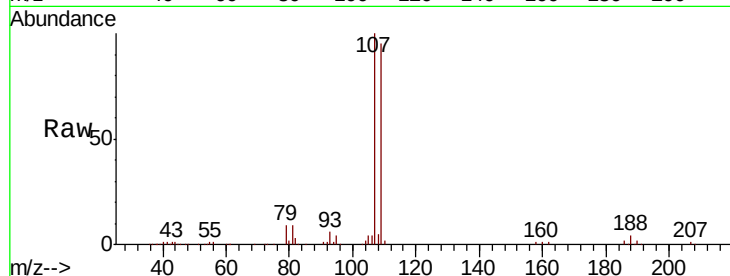
VX0701WBS01

Tot Ion:107 Resp: 57636

Ion Ratio Lower Upper

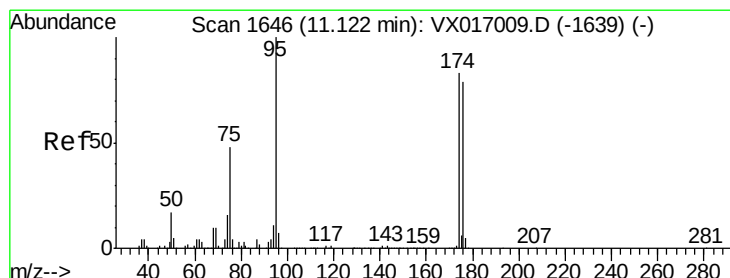
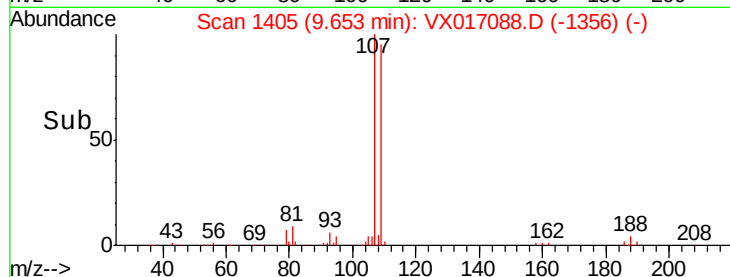
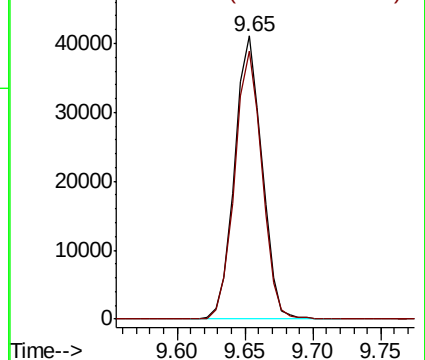
107 100

109 94.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.565 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

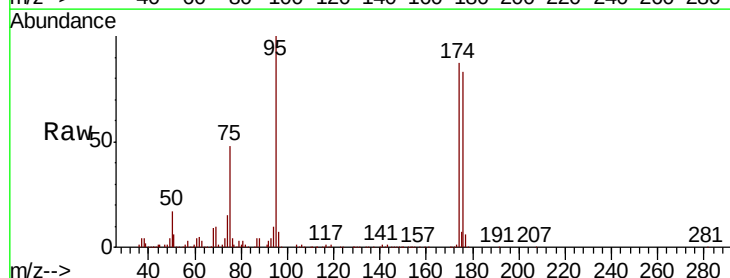
Tgt Ion: 95 Resp: 178521

Ion Ratio Lower Upper

95 100

174 83.5 0.0 164.0

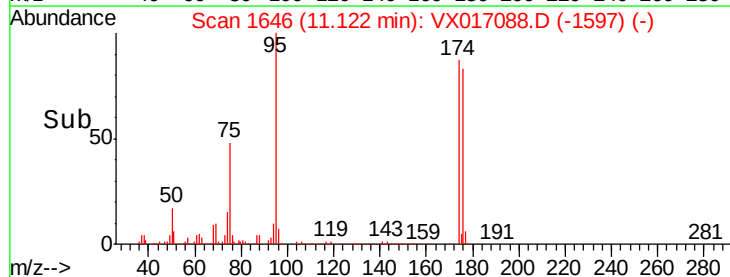
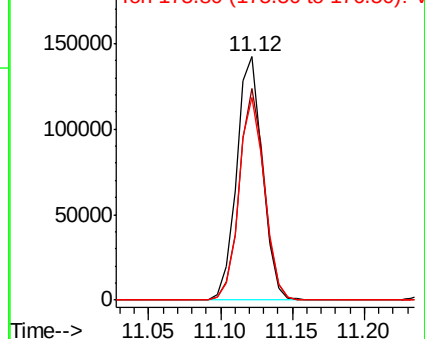
176 81.8 0.0 157.6

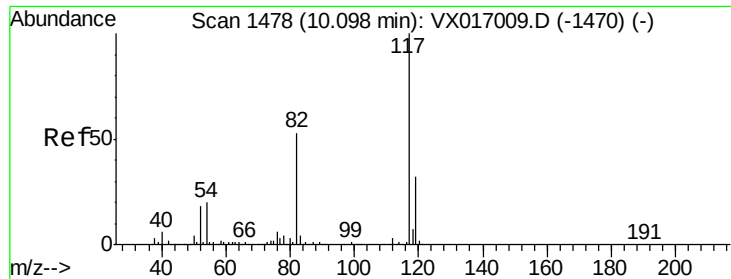


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

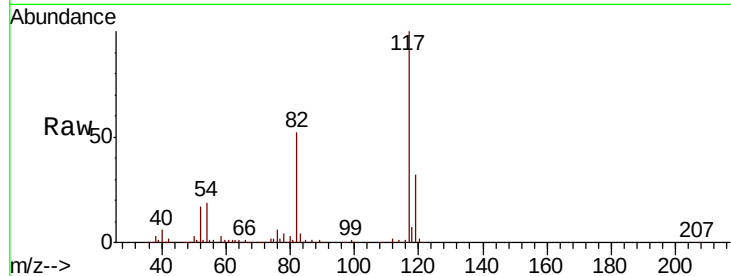




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.6	63.8
119	32.3	25.4	38.2

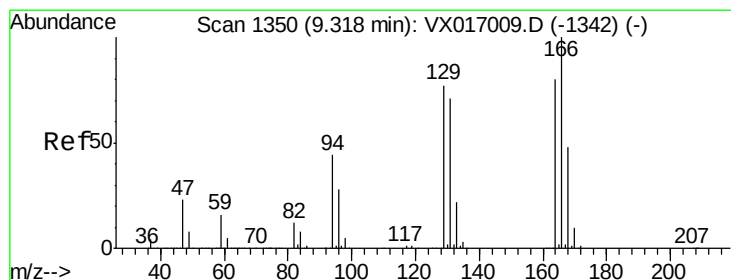
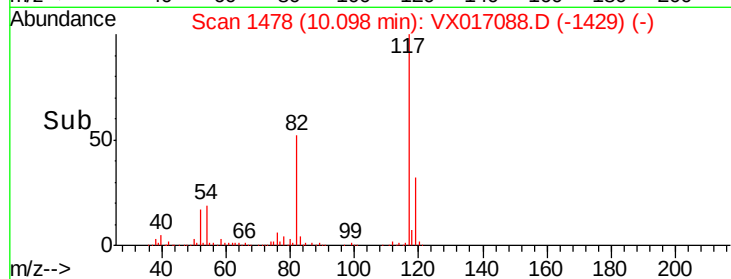
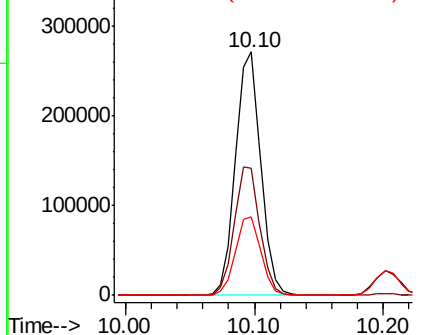


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 21.103 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	99.4	149.0
129	98.3	76.3	114.5
131	91.2	70.6	105.8

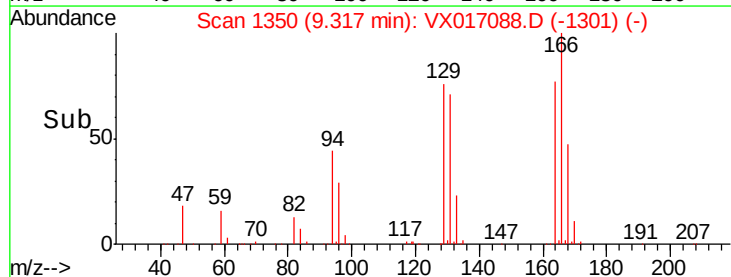
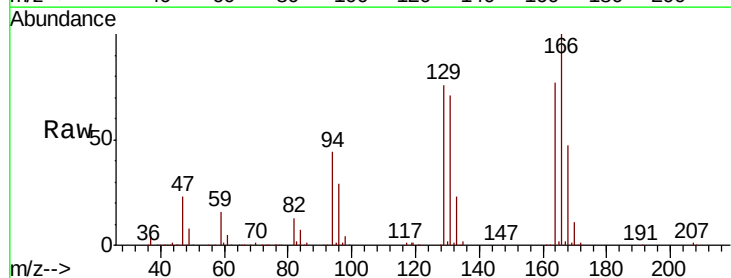
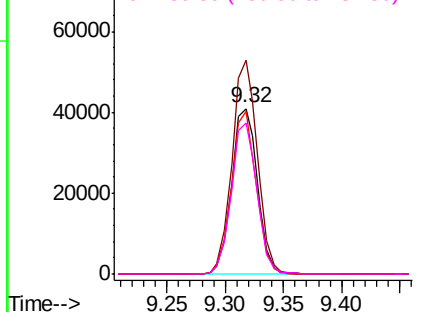
Abundance

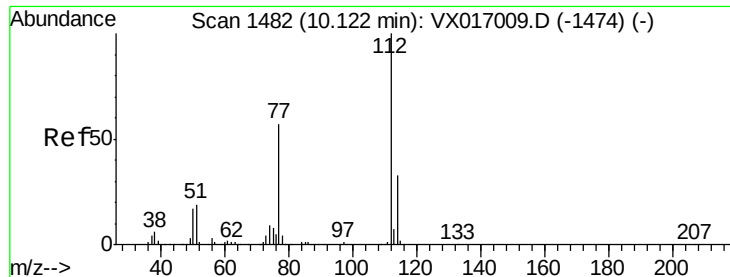
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

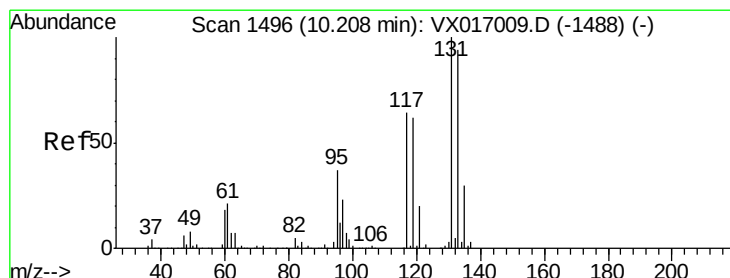
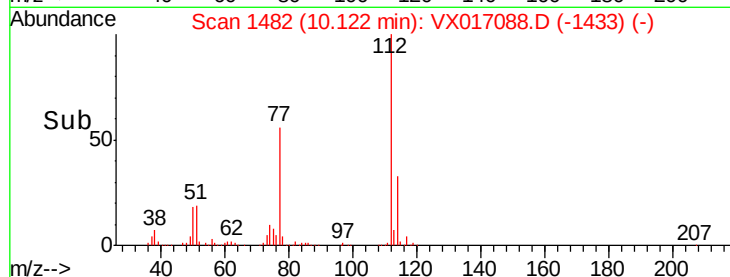
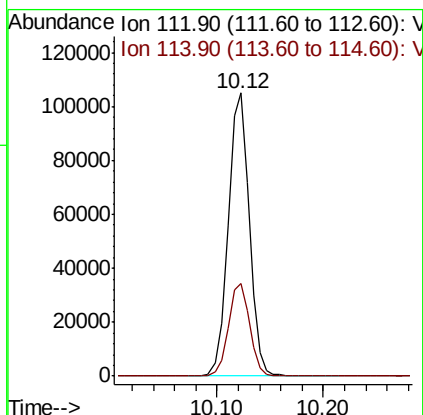
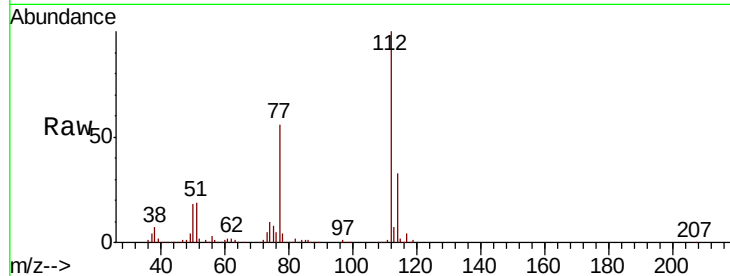




#65
Chlorobenzene
Concen: 18.988 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

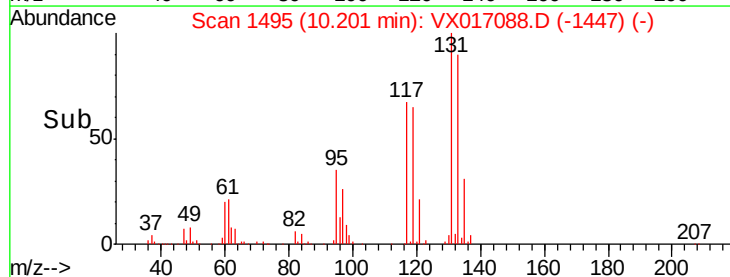
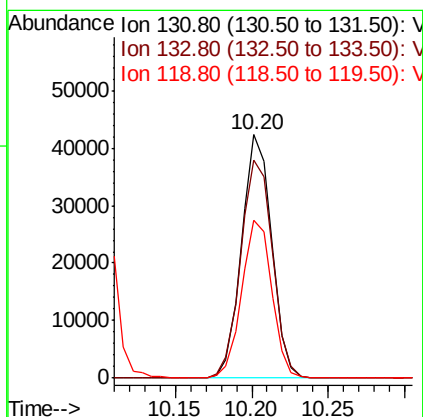
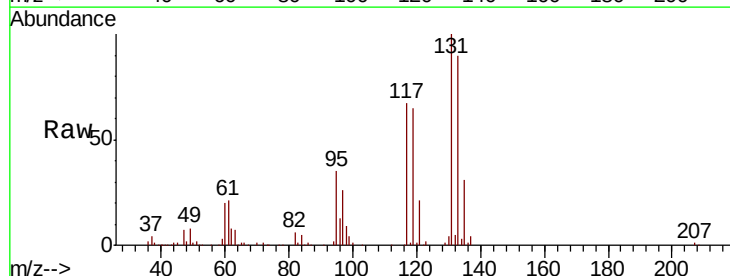
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBS01

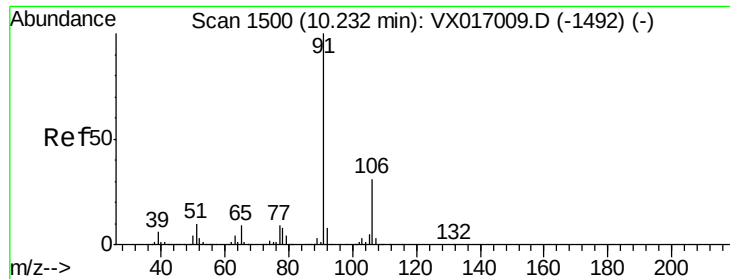
Tot Ion:112 Resp: 145486
Ion Ratio Lower Upper
112 100
114 32.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.603 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

Tgt Ion:131 Resp: 57885
Ion Ratio Lower Upper
131 100
133 94.8 47.3 141.9
119 65.0 31.9 95.5





#67

Ethyl Benzene

Concen: 19.341 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

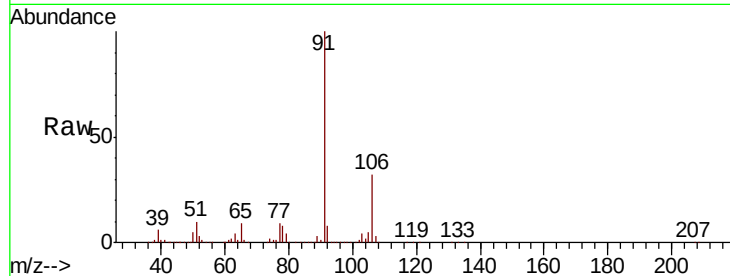
VX0701WBS01

Tot Ion: 91 Resp: 247479

Ion Ratio Lower Upper

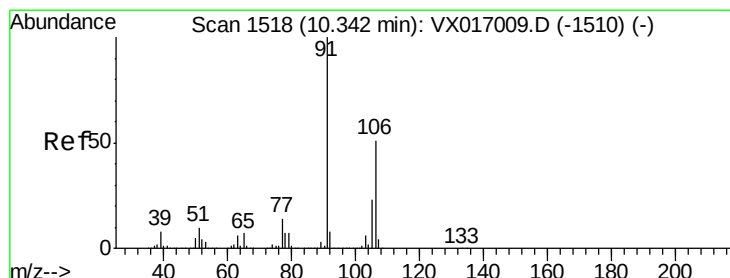
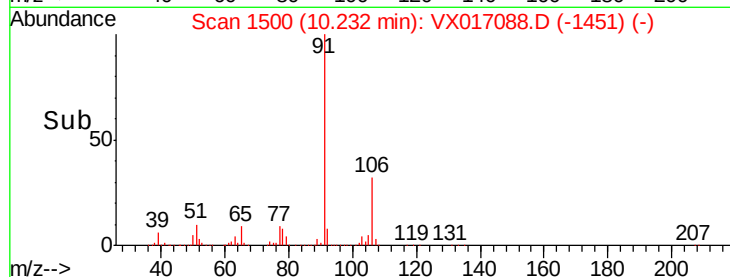
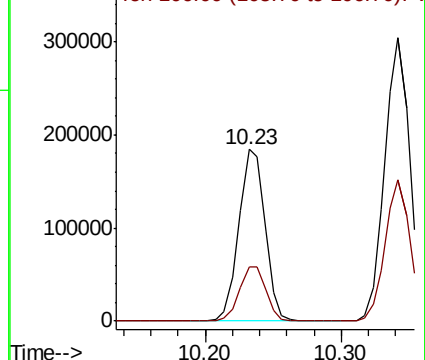
91 100

106 31.7 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.821 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017088.D

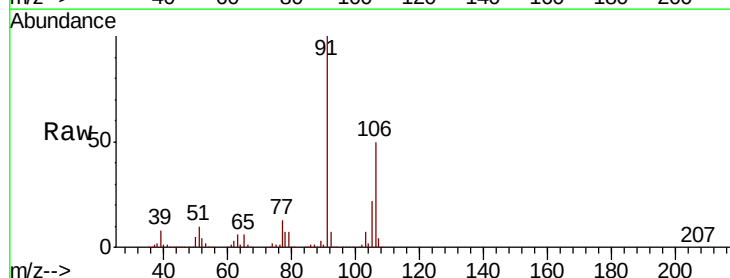
Acq: 01 Jul 2020 11:17

Tgt Ion: 106 Resp: 195646

Ion Ratio Lower Upper

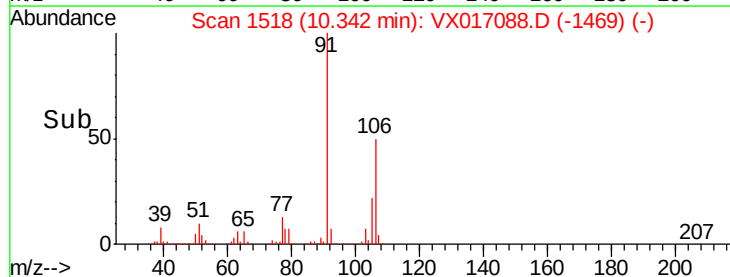
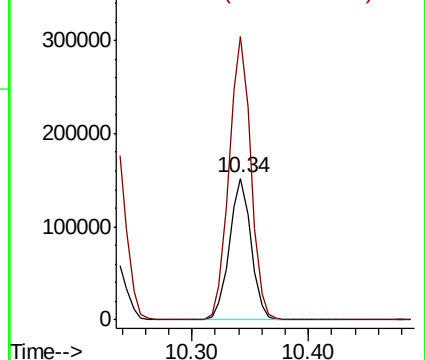
106 100

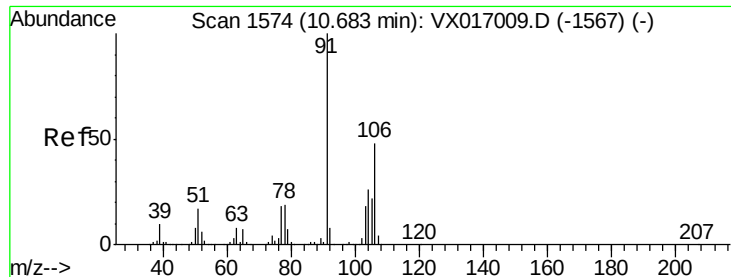
91 201.2 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

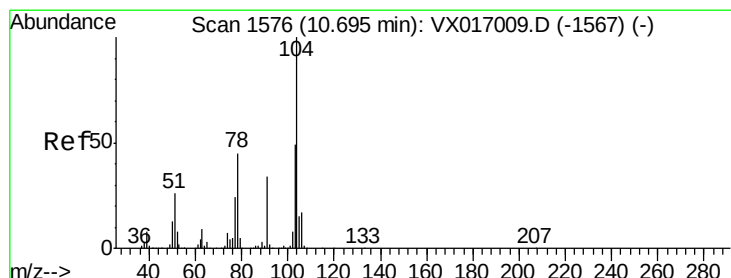
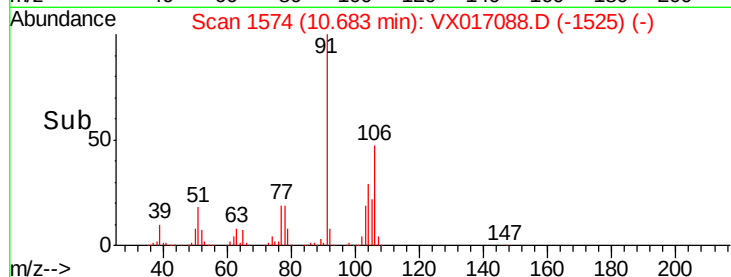
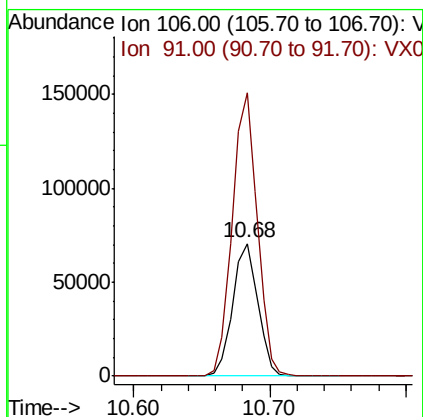
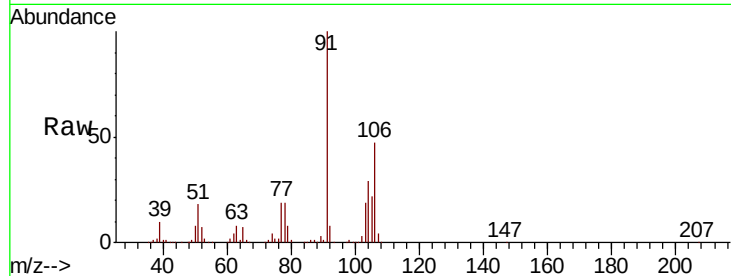




#69
o-Xylene
Concen: 19.470 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

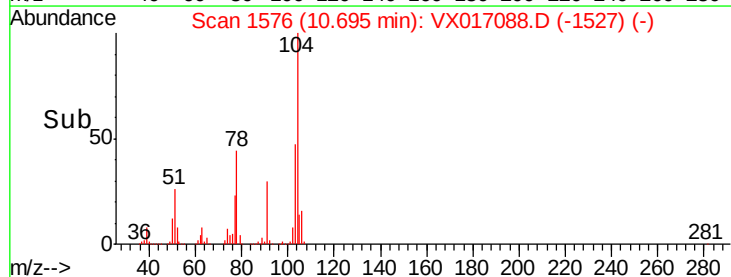
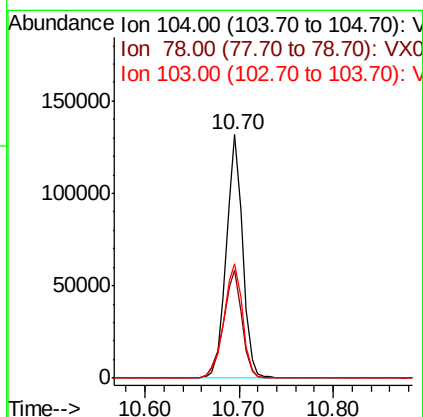
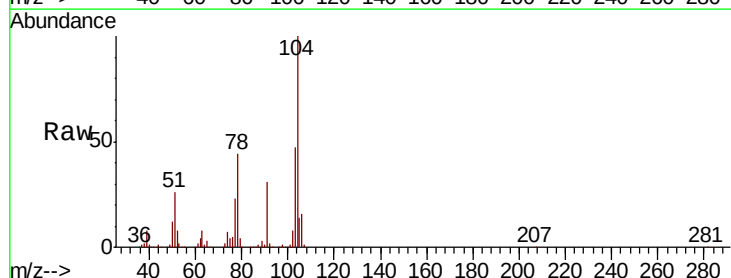
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBS01

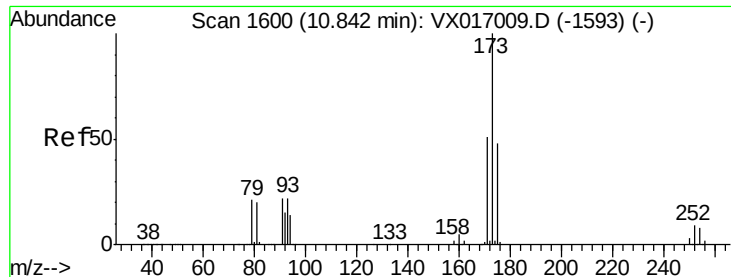
Tot Ion:106 Resp: 90999
Ion Ratio Lower Upper
106 100
91 212.4 105.6 316.7



#70
Styrene
Concen: 19.959 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

Tgt Ion:104 Resp: 158859
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 53.4 43.0 64.6





#71

Bromoform

Concen: 19.920 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBS01

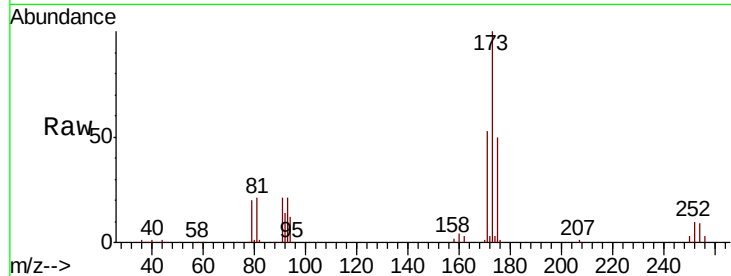
Tot Ion:173 Resp: 46645

Ion Ratio Lower Upper

173 100

175 49.7 24.5 73.5

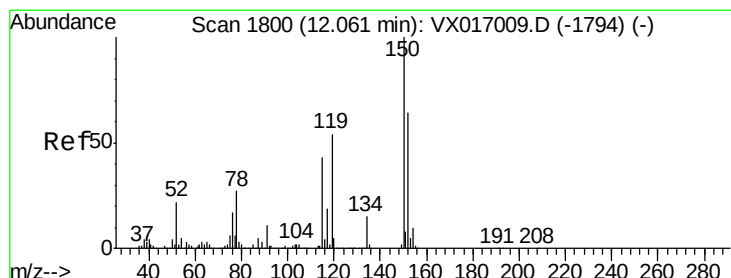
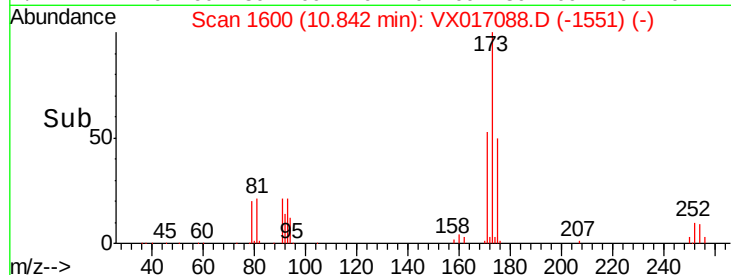
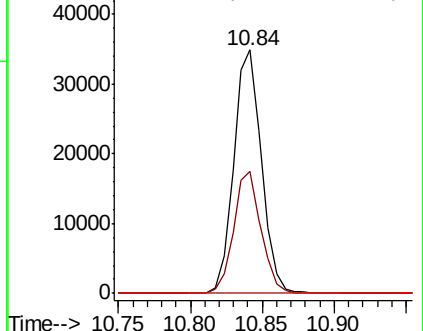
254 0.0 0.1 0.1#



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: VX017088.D

Acq: 01 Jul 2020 11:17

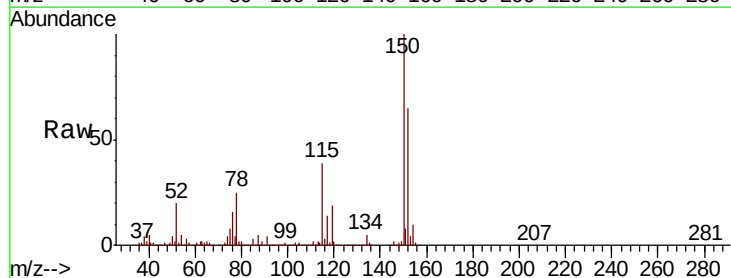
Tgt Ion:152 Resp: 196121

Ion Ratio Lower Upper

152 100

115 66.2 40.9 122.7

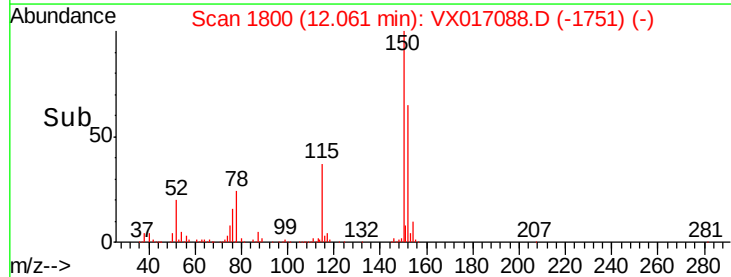
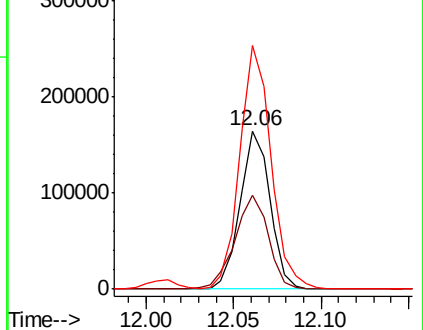
150 161.4 0.0 351.6

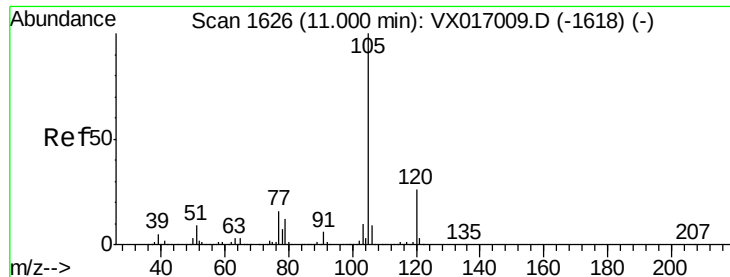


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.271 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

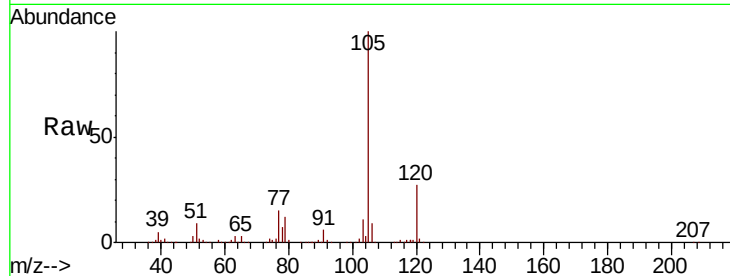
VX0701WBS01

Tot Ion:105 Resp: 247561

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

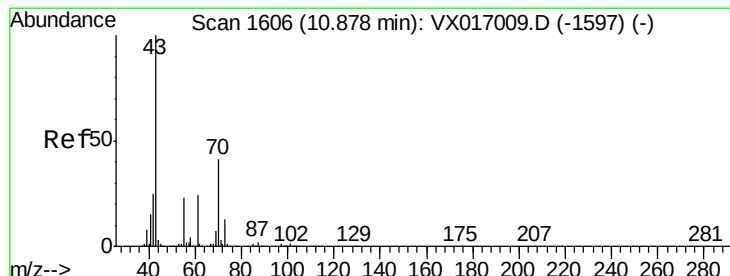
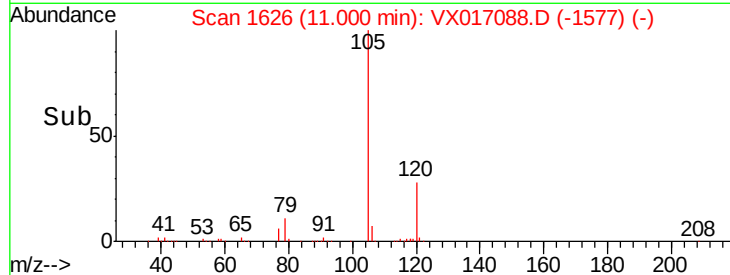
50000

0

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 17.919 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Tgt Ion: 43 Resp: 98220

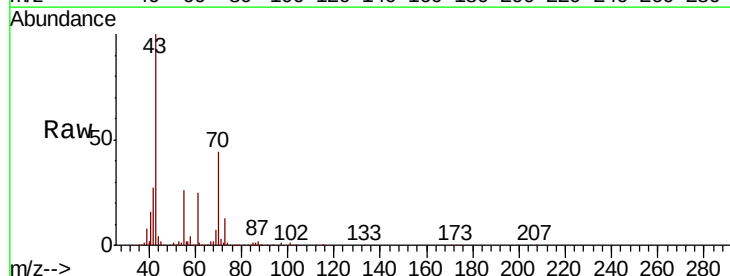
Ion Ratio Lower Upper

43 100

70 44.1 34.2 51.2

55 25.9 19.2 28.8

61 24.6 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

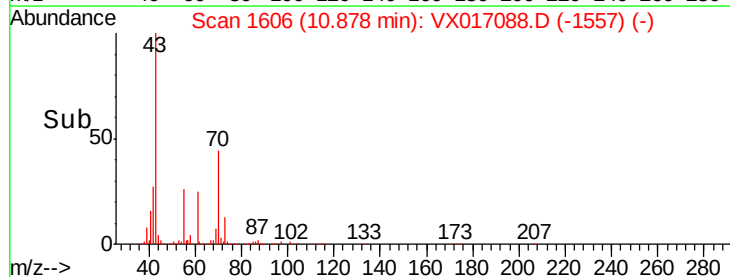
20000

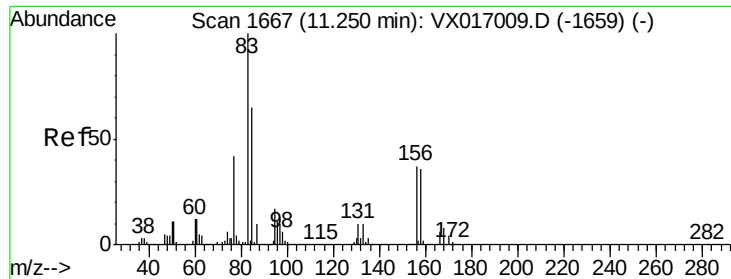
0

10.88

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.752 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBS01

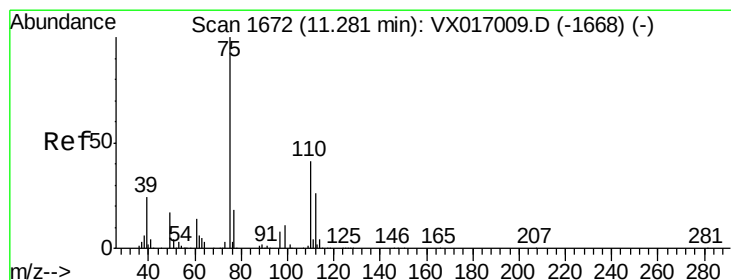
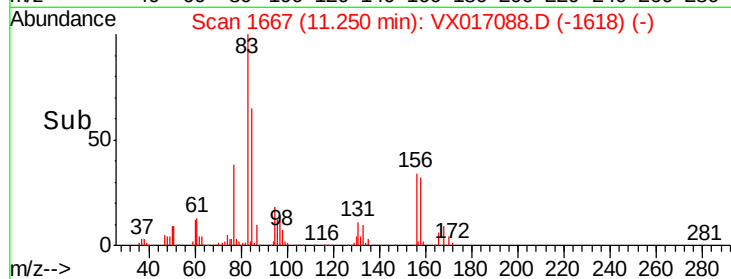
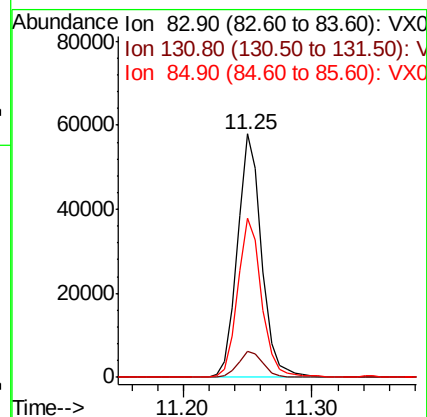
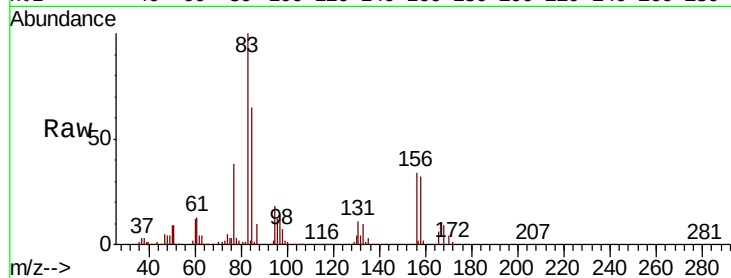
Tot Ion: 83 Resp: 75772

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

85 65.0 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 23.819 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017088.D

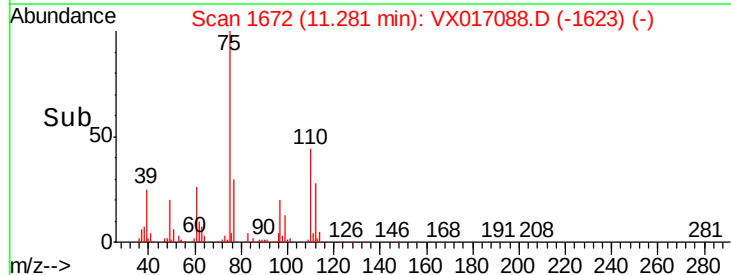
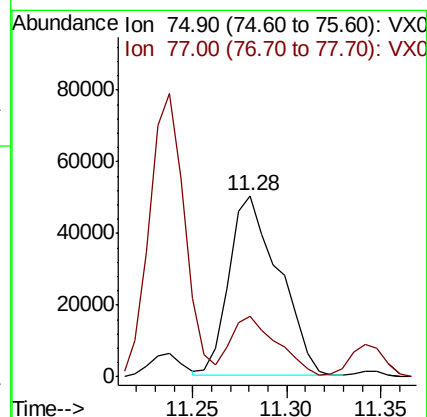
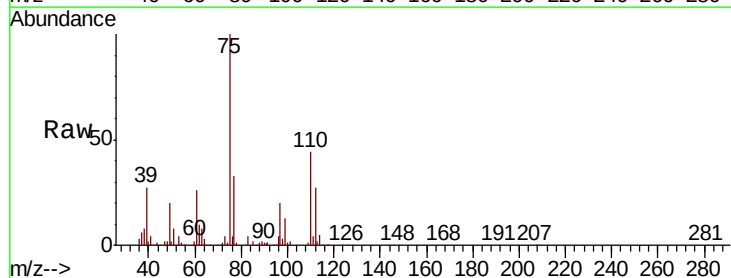
Acq: 01 Jul 2020 11:17

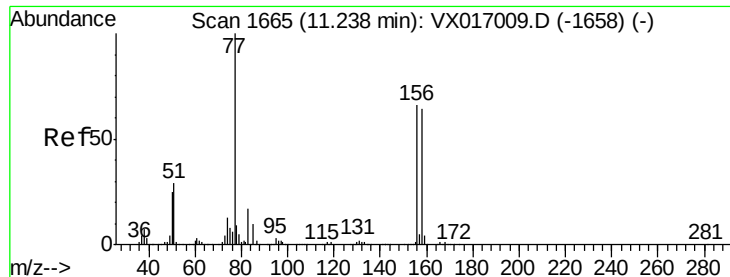
Tgt Ion: 75 Resp: 91859

Ion Ratio Lower Upper

75 100

77 31.8 20.2 60.6





#77

Bromobenzene

Concen: 19.360 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampled :

VX0701WBS01

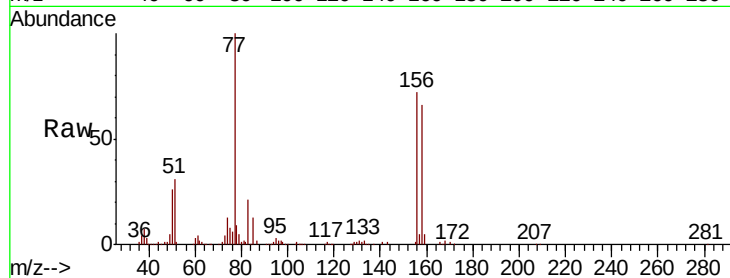
Tot Ion:156 Resp: 68352

Ion Ratio Lower Upper

156 100

77 151.3 76.9 230.7

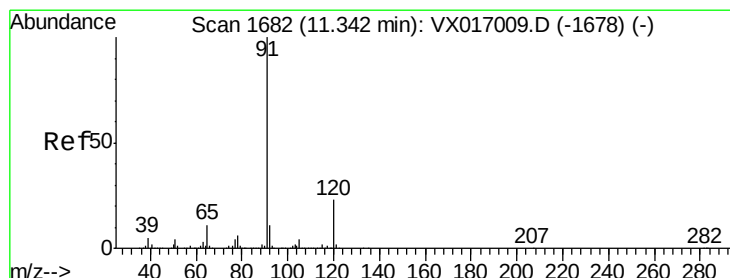
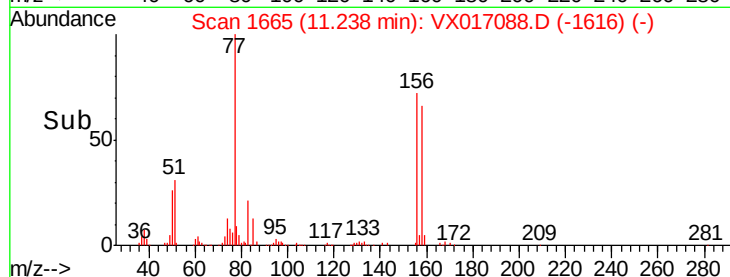
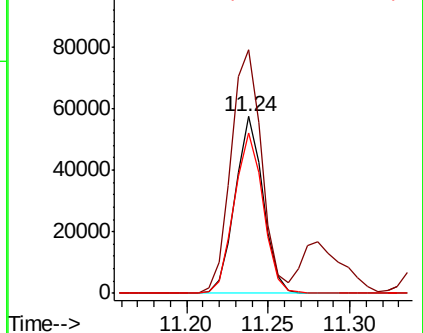
158 94.0 47.9 143.6



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: 19.783 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017088.D

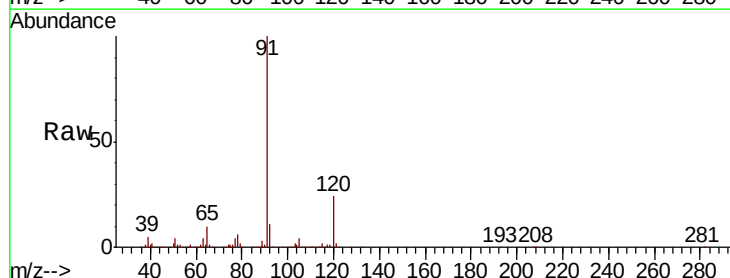
Acq: 01 Jul 2020 11:17

Tgt Ion: 91 Resp: 287380

Ion Ratio Lower Upper

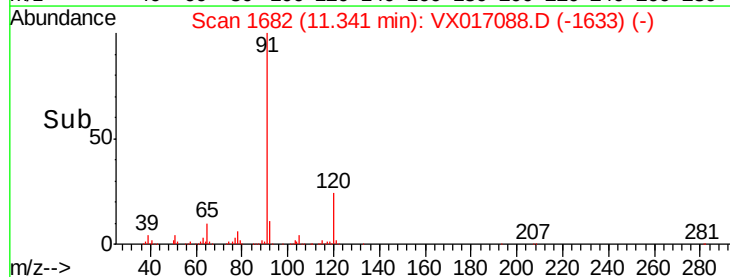
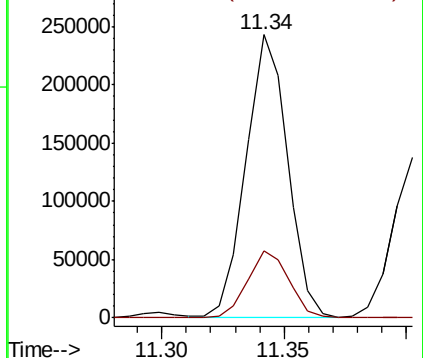
91 100

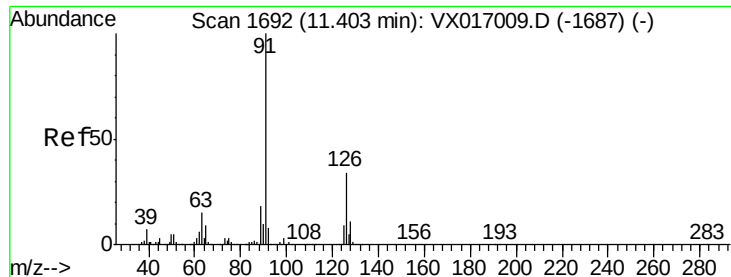
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.636 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampled :

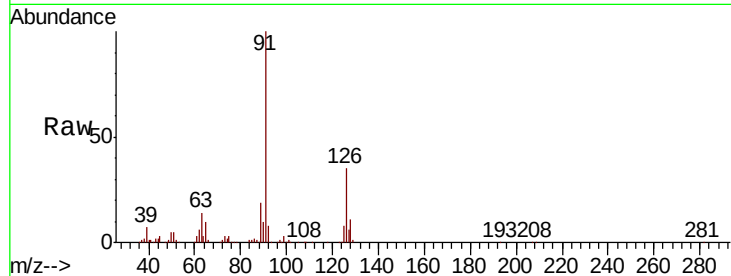
VX0701WBS01

Tot Ion: 91 Resp: 172639

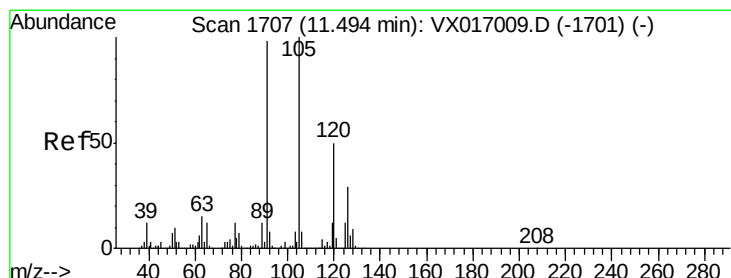
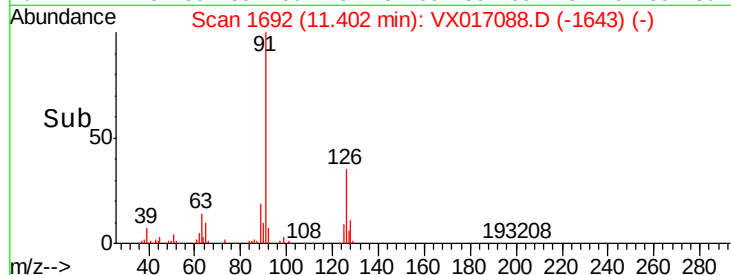
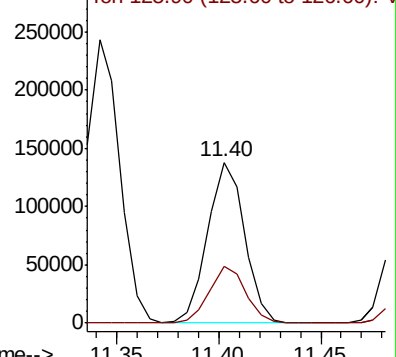
Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.535 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017088.D

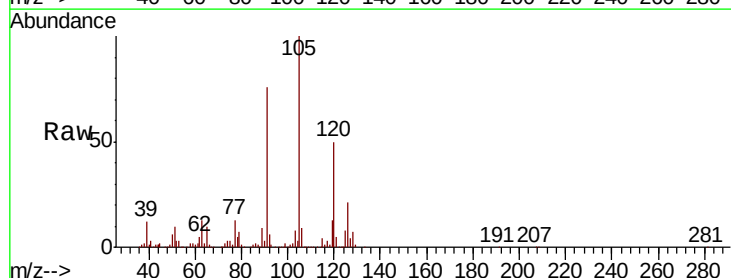
Acq: 01 Jul 2020 11:17

Tgt Ion: 105 Resp: 208153

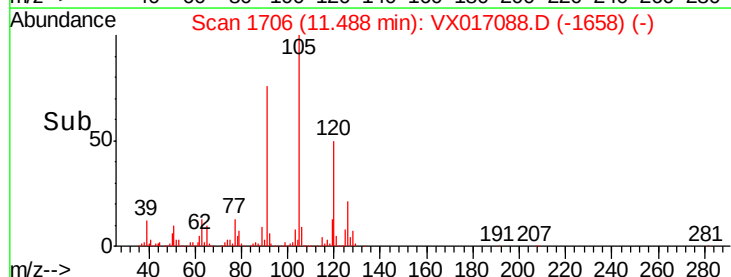
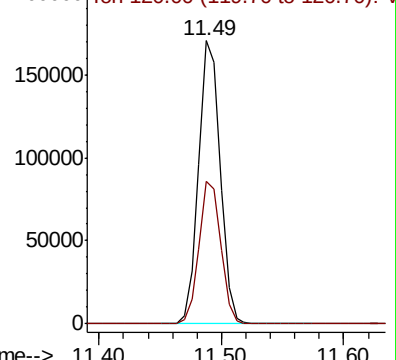
Ion Ratio Lower Upper

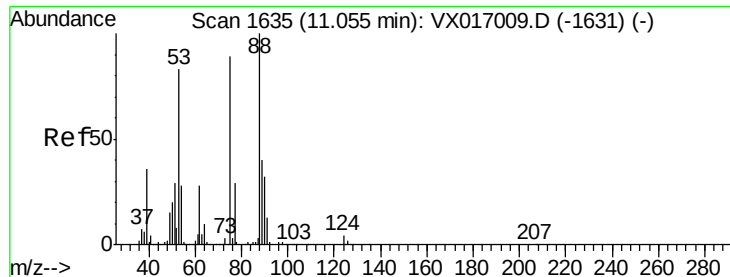
105 100

120 50.7 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX017009.D (-1701) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.720 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBS01

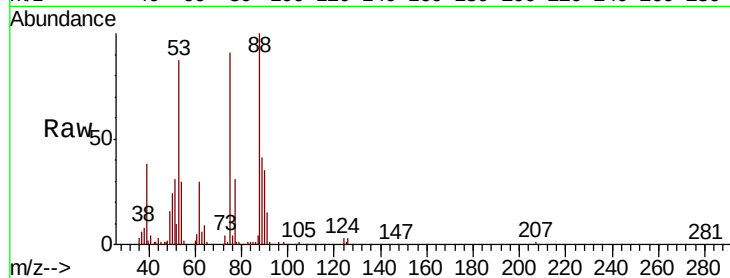
Tot Ion: 75 Resp: 26390

Ion Ratio Lower Upper

75 100

53 99.4 72.4 108.6

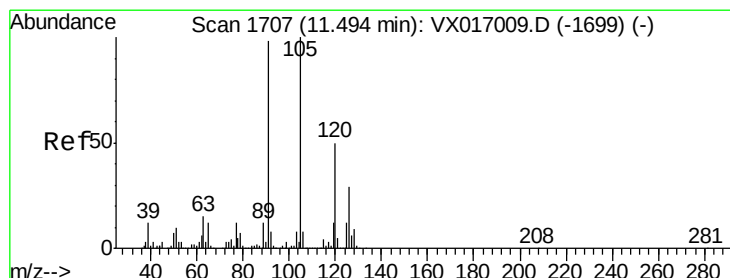
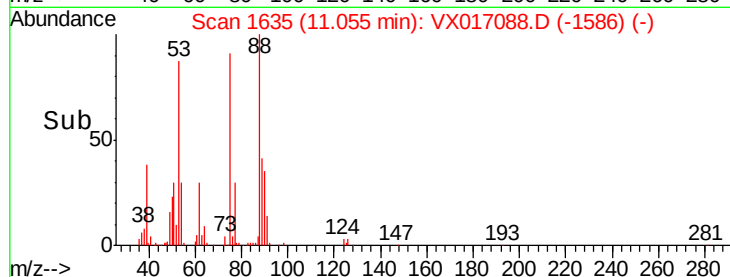
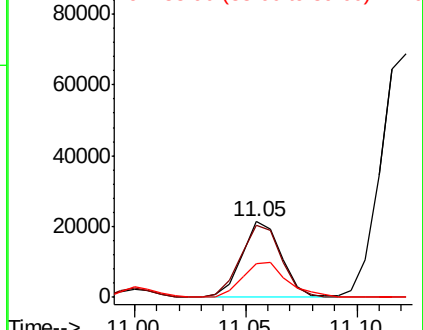
89 53.1 37.0 55.4



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: 19.661 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017088.D

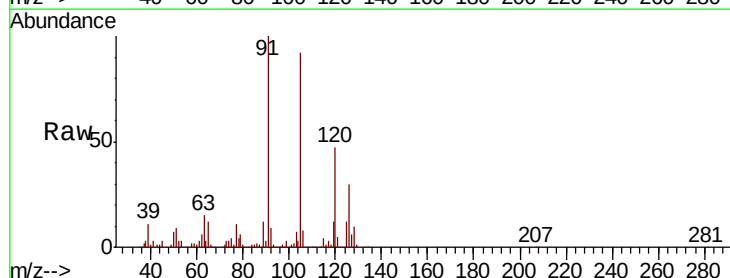
Acq: 01 Jul 2020 11:17

Tgt Ion: 91 Resp: 206634

Ion Ratio Lower Upper

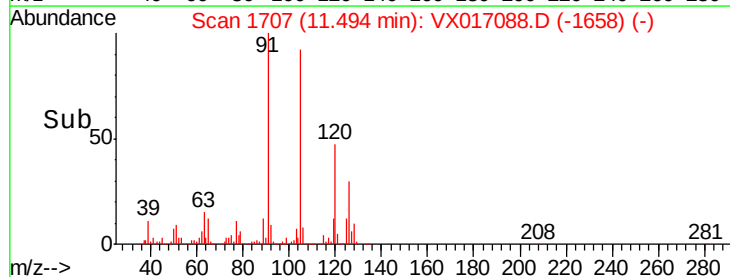
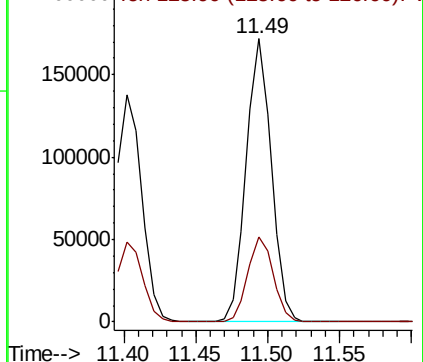
91 100

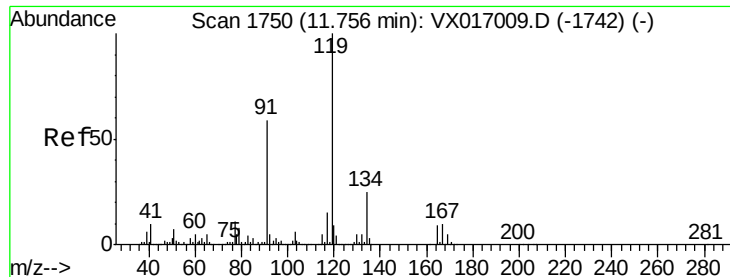
126 30.7 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

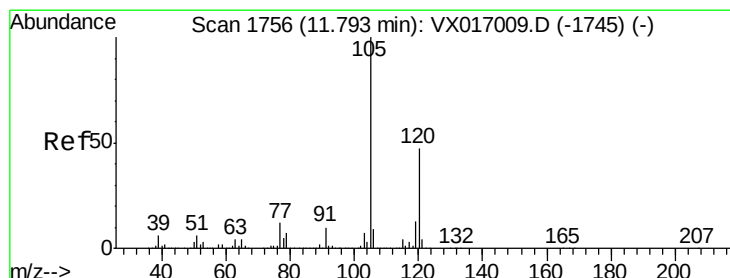
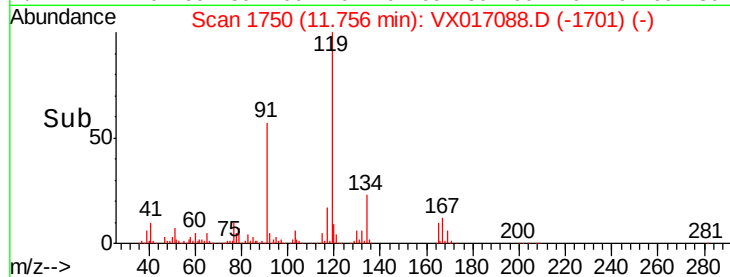
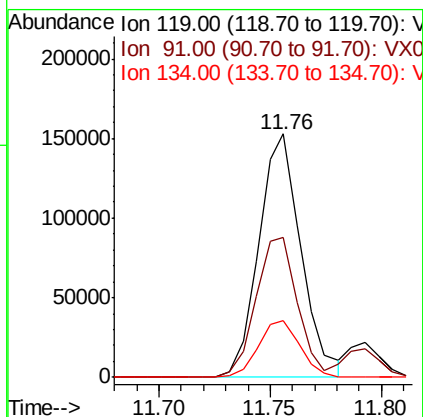
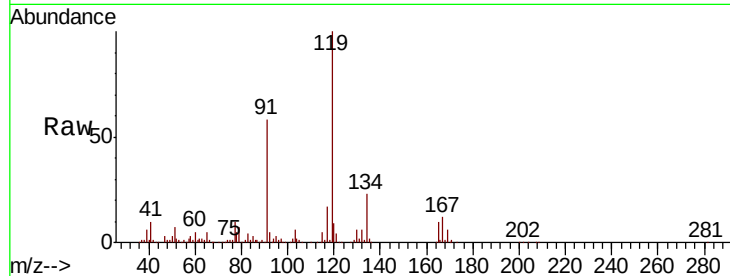




#83
 tert-Butylbenzene
 Concen: 19.253 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

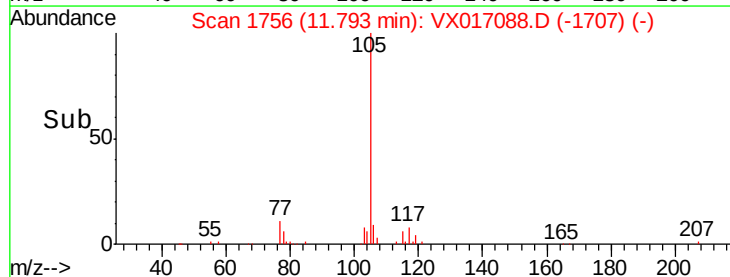
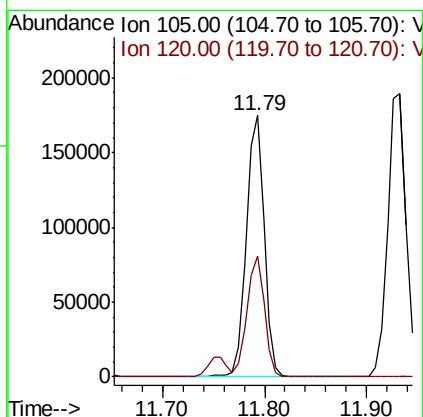
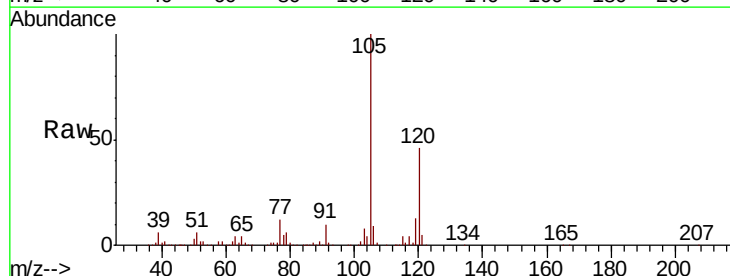
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS01

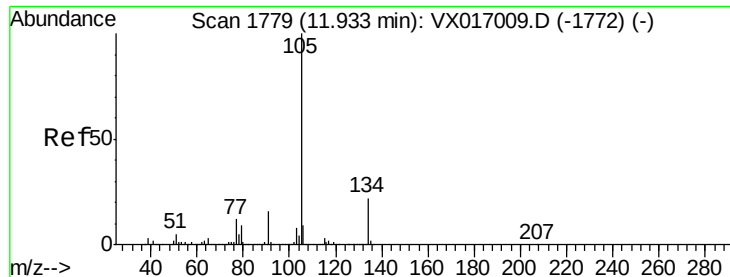
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.6	28.3	84.9
134	23.0	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.666 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.9	68.5





#85

sec-Butylbenzene

Concen: 19.479 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

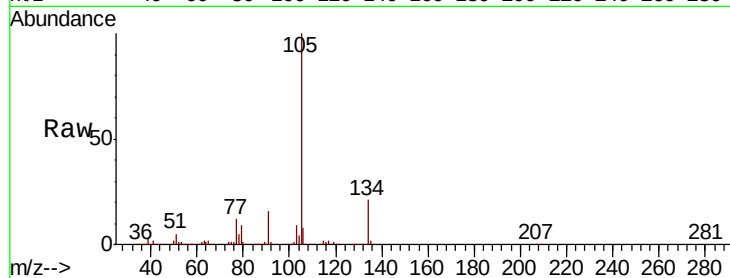
VX0701WBS01

Tot Ion:105 Resp: 239508

Ion Ratio Lower Upper

105 100

134 20.5 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

50000

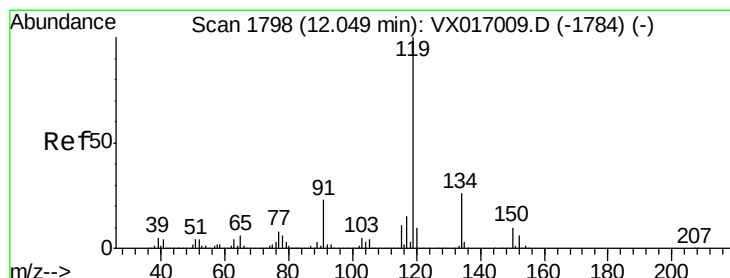
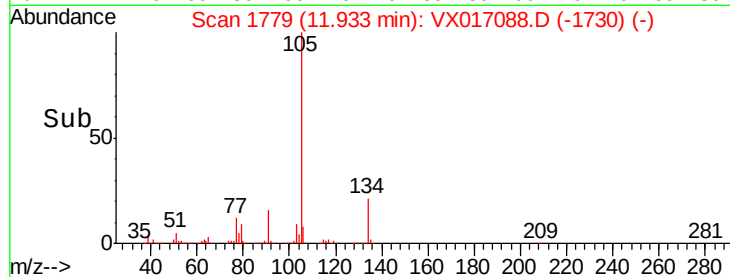
0

11.90

11.93

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 19.561 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

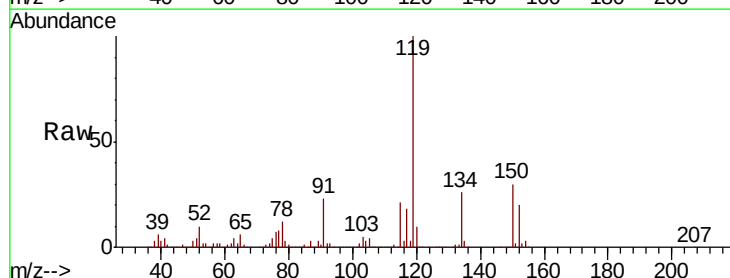
Tgt Ion:119 Resp: 223897

Ion Ratio Lower Upper

119 100

134 26.4 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

250000

200000

150000

100000

50000

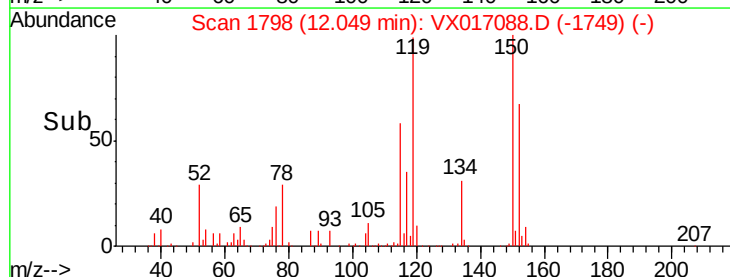
0

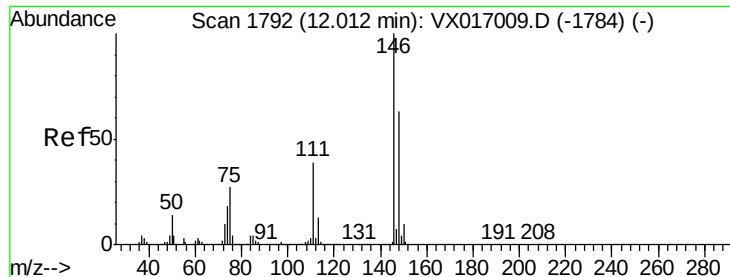
12.00

12.05

12.10

Time-->

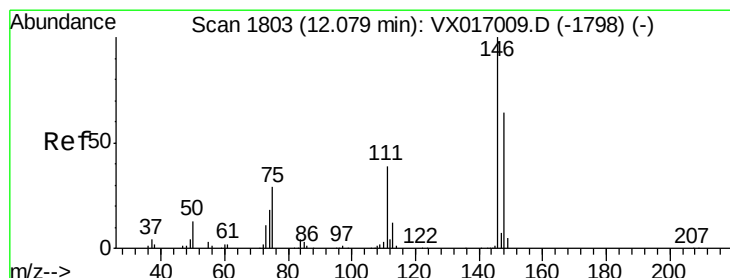
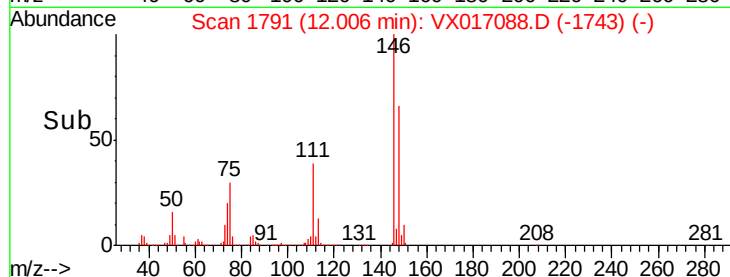
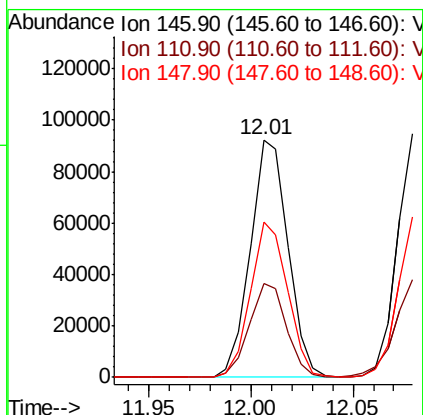
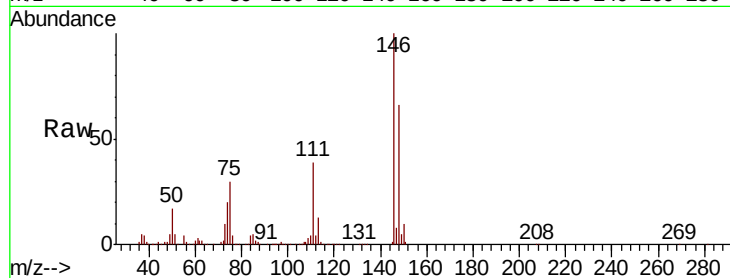




#87
 1,3-Dichlorobenzene
 Concen: 18.488 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

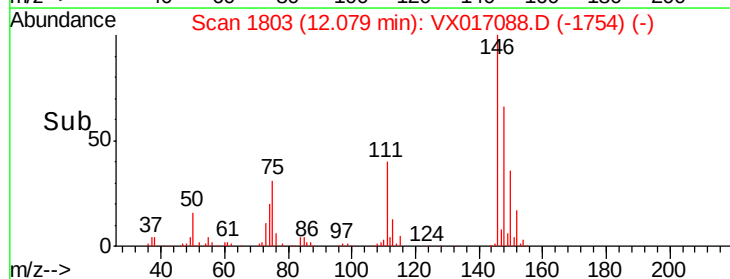
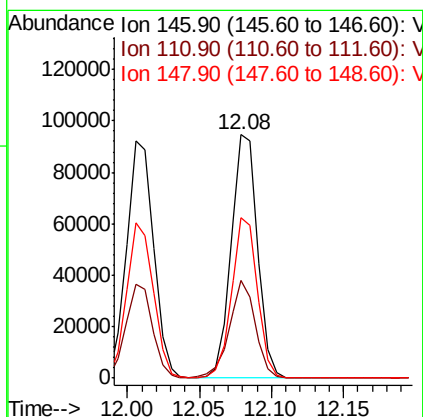
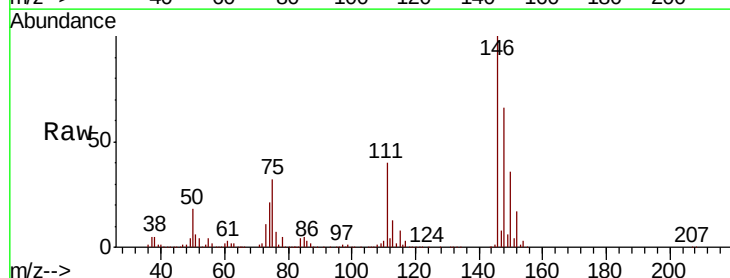
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS01

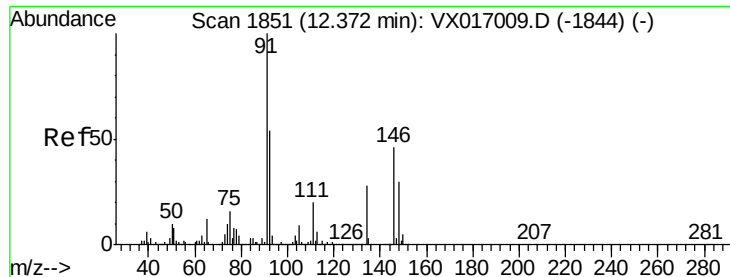
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.4	61.2
148	64.7	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 20.058 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.5	58.5
148	64.2	31.9	95.7





#89

n-Butylbenzene

Concen: 18.352 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017088.D

Acq: 01 Jul 2020 11:17

Instrument :

MSVOA_X

ClientSampled :

VX0701WBS01

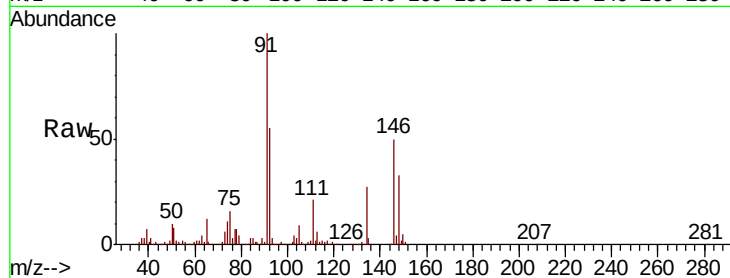
Tot Ion: 91 Resp: 187562

Ion Ratio Lower Upper

91 100

92 54.8 27.2 81.6

134 27.8 13.6 40.7

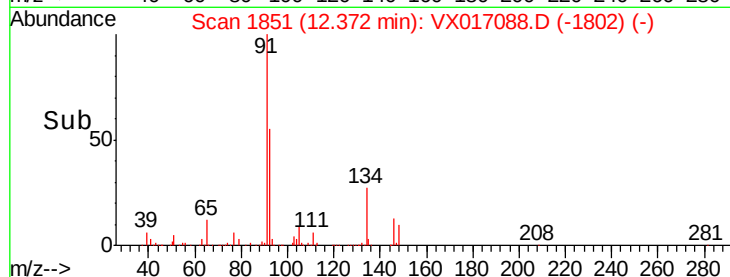


Abundance Ion 91.00 (90.70 to 91.70): VX017009.D

Ion 92.00 (91.70 to 92.70): VX017009.D

Ion 134.00 (133.70 to 134.70): VX017009.D

Time-->

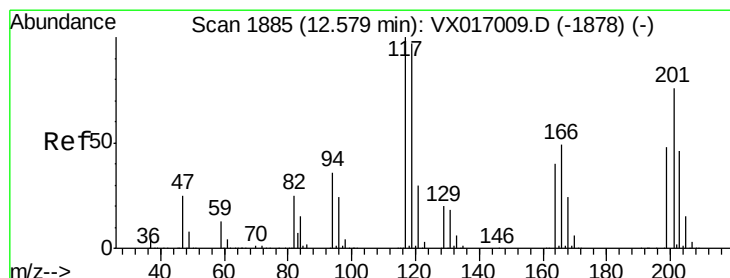


Abundance Ion 91.00 (90.70 to 91.70): VX017088.D

Ion 92.00 (91.70 to 92.70): VX017088.D

Ion 134.00 (133.70 to 134.70): VX017088.D

Time-->



#90

Hexachloroethane

Concen: 18.552 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017088.D

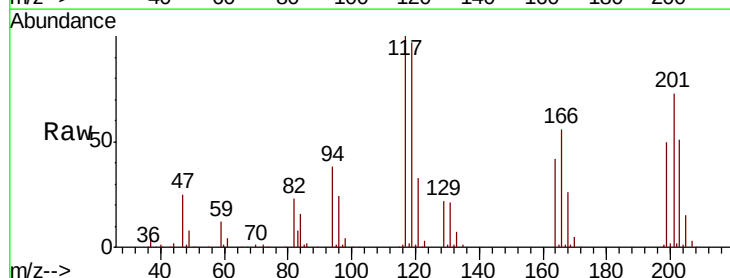
Acq: 01 Jul 2020 11:17

Tgt Ion: 117 Resp: 41876

Ion Ratio Lower Upper

117 100

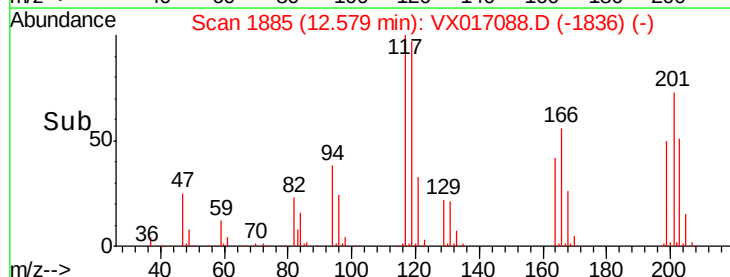
201 79.4 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): VX017009.D

Ion 200.70 (200.40 to 201.40): VX017009.D

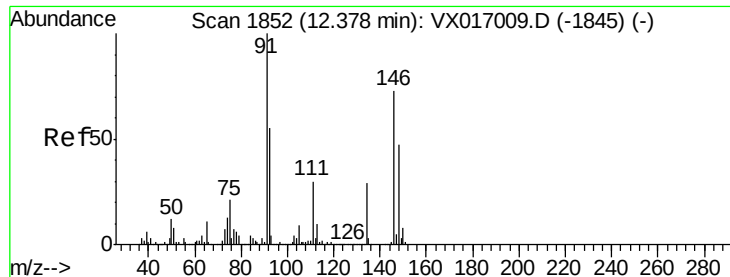
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX017088.D

Ion 200.70 (200.40 to 201.40): VX017088.D

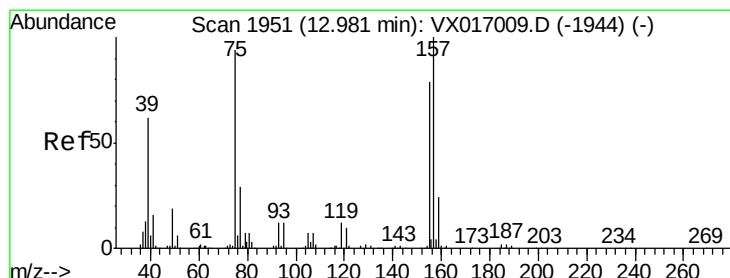
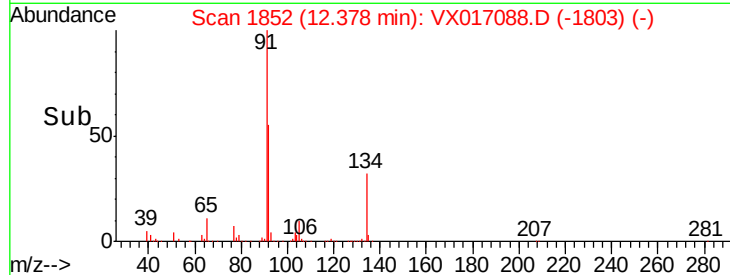
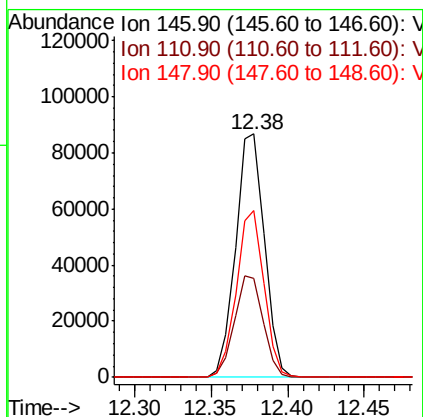
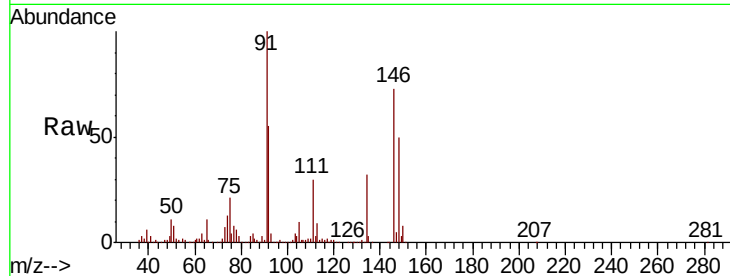
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 18.924 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

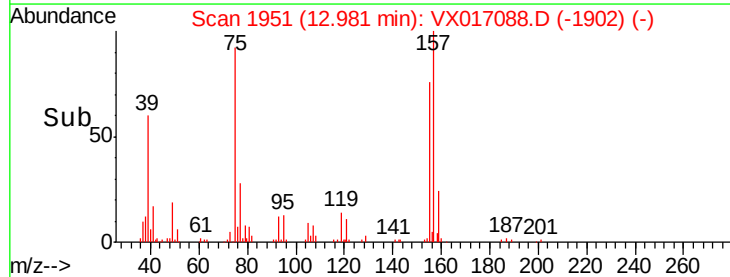
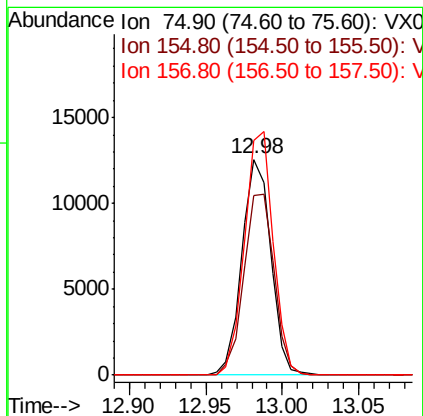
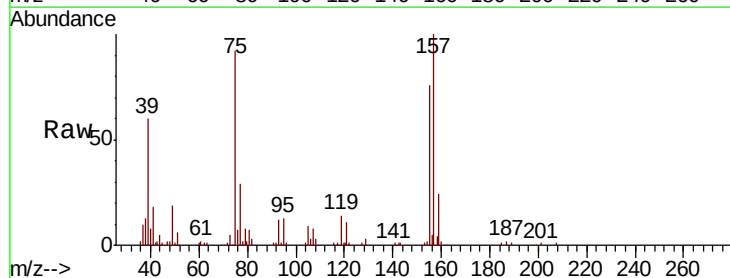
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS01

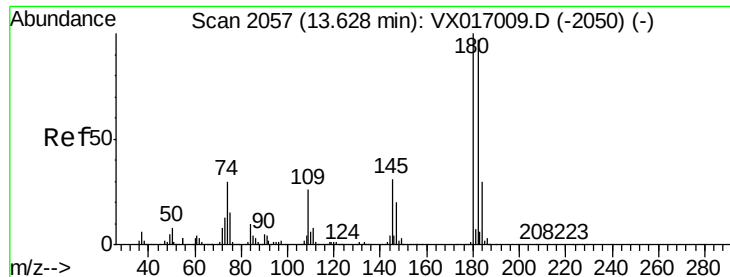
Tot Ion:146 Resp: 113429
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.6 61.9
 148 65.4 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.170 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

Tgt Ion: 75 Resp: 16551
 Ion Ratio Lower Upper
 75 100
 155 87.7 45.1 135.2
 157 111.9 56.5 169.3

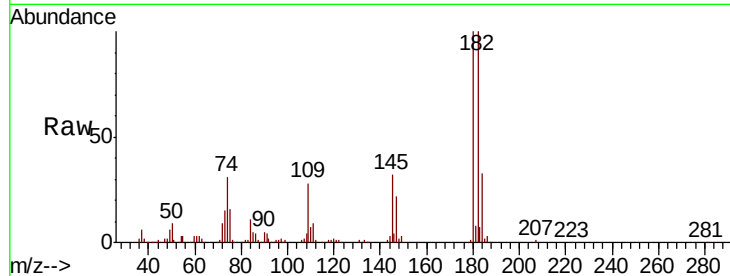




#93
 1,2,4-Trichlorobenzene
 Concen: 18.105 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.3	141.9
145	31.1	15.4	46.2

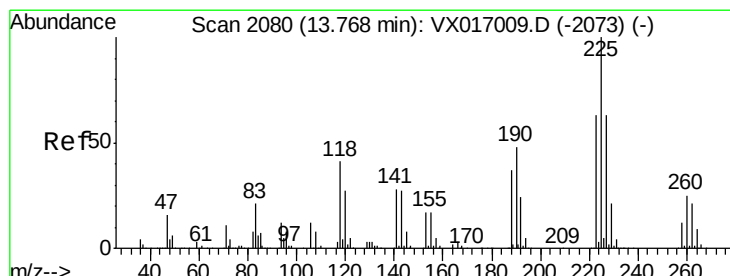
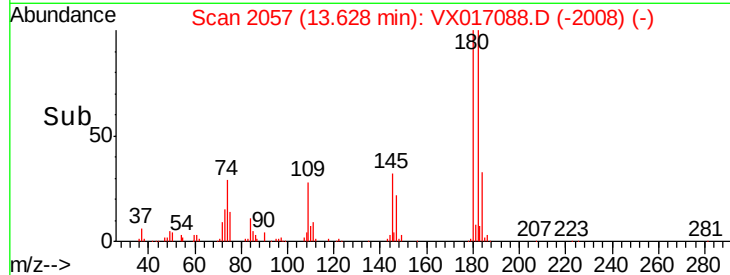
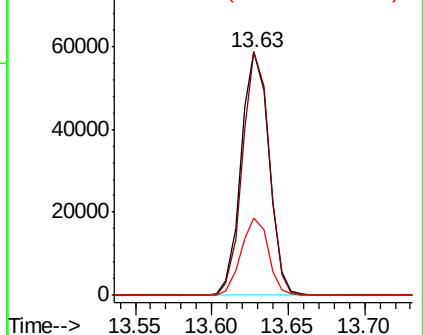


Abundance

Ion 179.80 (179.50 to 180.50): V

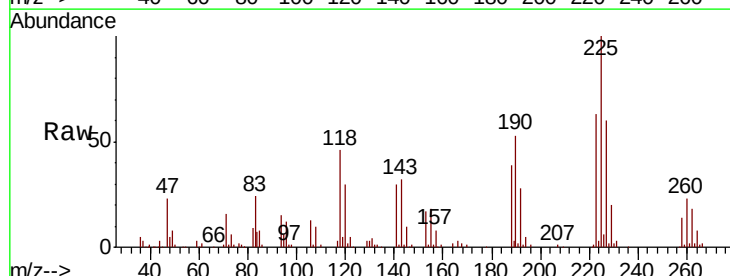
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.124 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017088.D
 Acq: 01 Jul 2020 11:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.5	97.5
227	62.9	33.1	99.2

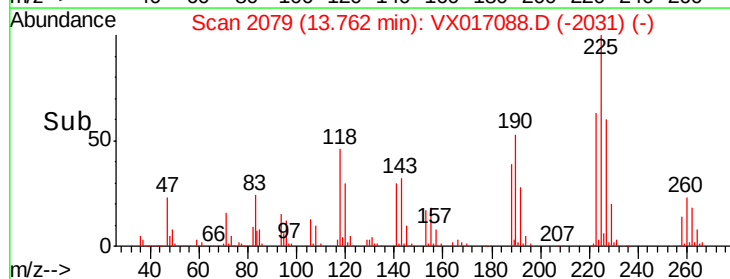
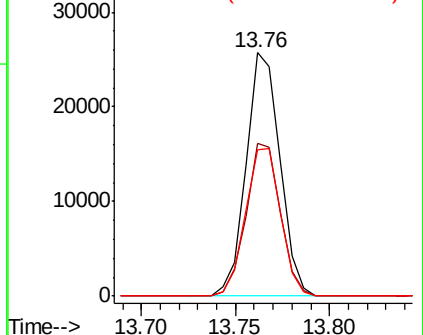


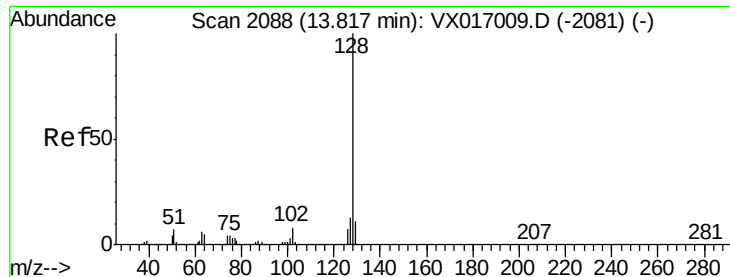
Abundance

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

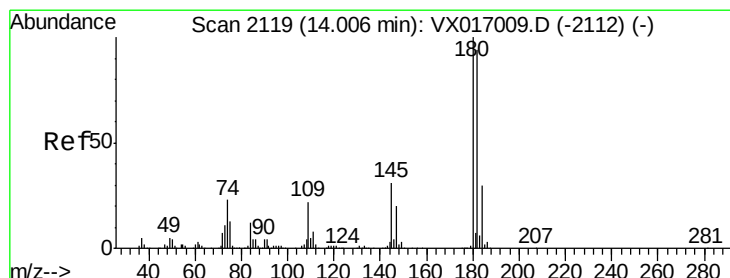
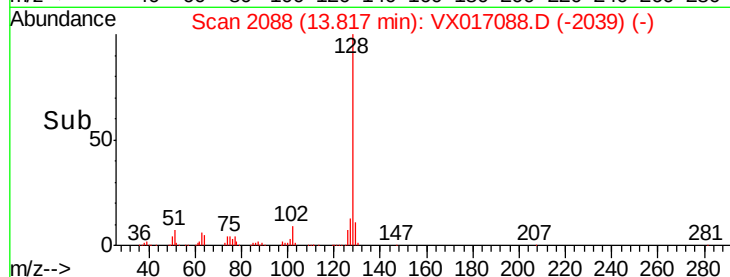
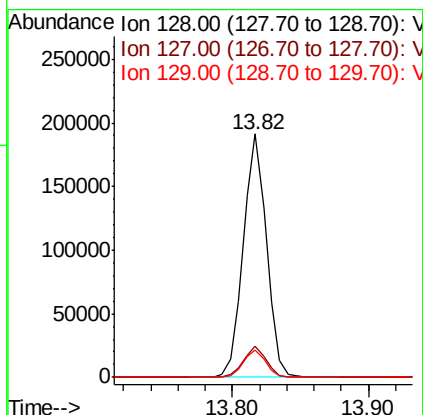
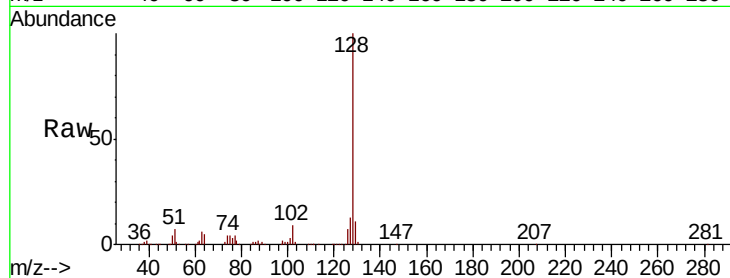




#95
Naphthalene
Concen: 18.296 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBS01

Tot Ion:128 Resp: 227561
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.681 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX017088.D
Acq: 01 Jul 2020 11:17

Tgt Ion:180 Resp: 73962
Ion Ratio Lower Upper
180 100
182 95.7 47.1 141.4
145 33.4 16.6 49.7

