

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
 Data File : VX017344.D
 Acq On : 10 Jul 2020 18:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 11 01:04:41 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	5.64	168	277852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	427002	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	425387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	230982	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	170951	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
35) Dibromofluoromethane	5.46	113	139042	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	8.70	98	500061	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.12	95	212272	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	118581	44.114	ug/l	99
3) Chloromethane	1.31	50	138822	42.665	ug/l	99
4) Vinyl Chloride	1.39	62	134574	44.578	ug/l	99
5) Bromomethane	1.62	94	74882	46.949	ug/l	97
6) Chloroethane	1.70	64	86788	48.677	ug/l	97
7) Trichlorofluoromethane	1.91	101	236549	52.981	ug/l	99
8) Diethyl Ether	2.17	74	82564	54.924	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	132502	49.516	ug/l	97
10) Methyl Iodide	2.49	142	146539	42.439	ug/l	99
11) Tert butyl alcohol	3.02	59	186658	285.647	ug/l	99
12) 1,1-Dichloroethene	2.36	96	129691	47.178	ug/l	97
13) Acrolein	2.28	56	94214	241.188	ug/l	99
14) Allyl chloride	2.70	41	237038	46.658	ug/l	97
15) Acrylonitrile	3.12	53	432257	275.168	ug/l	99
16) Acetone	2.42	43	360924	281.665	ug/l	98
17) Carbon Disulfide	2.55	76	333335	43.457	ug/l	99
18) Methyl Acetate	2.75	43	198797	59.430	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	499228	54.111	ug/l	99
20) Methylene Chloride	2.83	84	156529	53.314	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	146100	47.892	ug/l	99
22) Diisopropyl ether	3.82	45	489086	52.015	ug/l	97
23) Vinyl Acetate	3.79	43	2144855	265.456	ug/l	100
24) 1,1-Dichloroethane	3.67	63	267631	50.023	ug/l	99
25) 2-Butanone	4.64	43	596029	279.153	ug/l	99
26) 2,2-Dichloropropane	4.55	77	225230	47.413	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	171565	49.635	ug/l	100
28) Bromochloromethane	4.98	49	121260	46.576	ug/l	98
29) Tetrahydrofuran	5.09	42	384466	272.530	ug/l	98
30) Chloroform	5.18	83	287648	52.448	ug/l	98
31) Cyclohexane	5.54	56	211400	45.713	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	259678	51.412	ug/l	99
36) 1,1-Dichloropropene	5.77	75	197325	48.895	ug/l	98
37) Ethyl Acetate	4.79	43	229209	55.978	ug/l	99
38) Carbon Tetrachloride	5.75	117	238379	53.628	ug/l	99

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 ClientSampleId :

Quant Time: Jul 11 01:04:41 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	213941	47.646	ug/l	100
40) Benzene	6.11	78	597023	50.350	ug/l	99
41) Methacrylonitrile	5.01	41	128451	55.738	ug/l	99
42) 1,2-Dichloroethane	6.16	62	234252	54.693	ug/l	100
43) Isopropyl Acetate	6.42	43	376161	55.284	ug/l	99
44) Trichloroethene	7.19	130	174612	53.385	ug/l	95
45) 1,2-Dichloropropane	7.49	63	157663	51.769	ug/l	99
46) Dibromomethane	7.64	93	114025	54.840	ug/l	96
47) Bromodichloromethane	7.88	83	240001	56.011	ug/l	98
48) Methyl methacrylate	7.74	41	190456	58.917	ug/l	98
49) 1,4-Dioxane	7.71	88	75614	1032.503	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1216152	299.846	ug/l	99
52) Toluene	8.76	92	394130	53.238	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	262376	55.497	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	275928	54.445	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	172889	57.159	ug/l	98
56) Ethyl methacrylate	9.16	69	260003	60.393	ug/l	99
57) 1,3-Dichloropropane	9.35	76	281659	55.032	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	591199	275.921	ug/l	99
59) 2-Hexanone	9.48	43	941942	317.990	ug/l	99
60) Dibromochloromethane	9.57	129	209809	59.722	ug/l	99
61) 1,2-Dibromoethane	9.65	107	184883	56.865	ug/l	100
64) Tetrachloroethene	9.32	164	167342	48.743	ug/l	97
65) Chlorobenzene	10.12	112	450525	51.315	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	185076	54.698	ug/l	98
67) Ethyl Benzene	10.23	91	773446	52.751	ug/l	100
68) m/p-Xylenes	10.34	106	599701	106.522	ug/l	98
69) o-Xylene	10.68	106	289273	54.013	ug/l	98
70) Styrene	10.70	104	516352	56.617	ug/l	100
71) Bromoform	10.84	173	163346	60.878	ug/l	100
73) Isopropylbenzene	11.00	105	796864	52.669	ug/l	100
74) N-amyl acetate	10.88	43	358889	55.593	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	251038	52.749	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	314423	69.224	ug/l	85
77) Bromobenzene	11.24	156	216274	52.012	ug/l	97
78) n-propylbenzene	11.34	91	894082	52.258	ug/l	100
79) 2-Chlorotoluene	11.40	91	545137	52.647	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	682997	54.424	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	91473	52.152	ug/l	96
82) 4-Chlorotoluene	11.49	91	648812	52.415	ug/l	100
83) tert-Butylbenzene	11.76	119	672215	54.566	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	700206	54.998	ug/l	99
85) sec-Butylbenzene	11.93	105	768855	53.094	ug/l	100
86) p-Isopropyltoluene	12.05	119	728187	54.017	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	381771	50.552	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	386000	54.215	ug/l	99
89) n-Butylbenzene	12.37	91	610108	50.686	ug/l	100
90) Hexachloroethane	12.58	117	138524	52.107	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	366121	51.864	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61989	54.601	ug/l	94

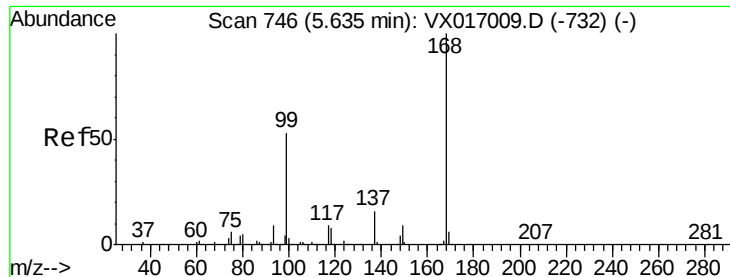
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
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Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	251924	52.285	ug/l	97
94) Hexachlorobutadiene	13.77	225	97678	53.359	ug/l	98
95) Naphthalene	13.82	128	841829	57.470	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	256559	55.021	ug/l	99

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

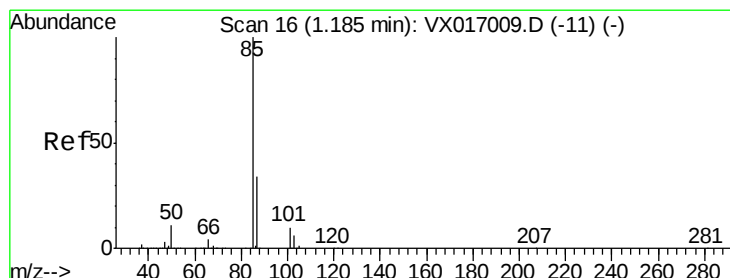
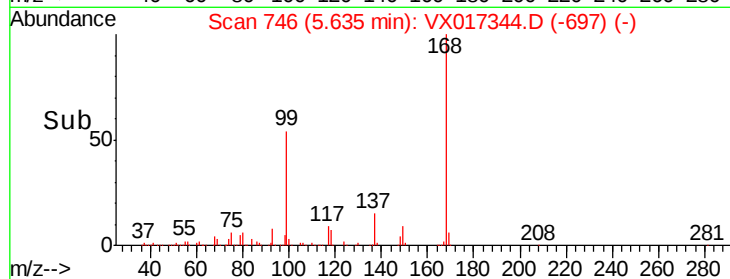
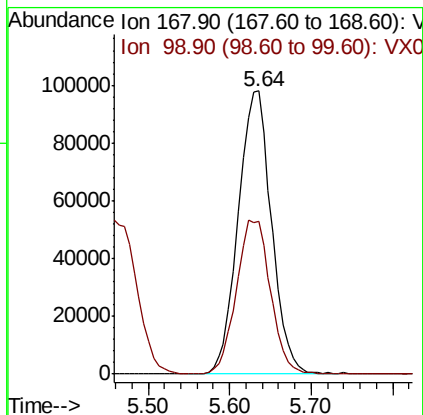
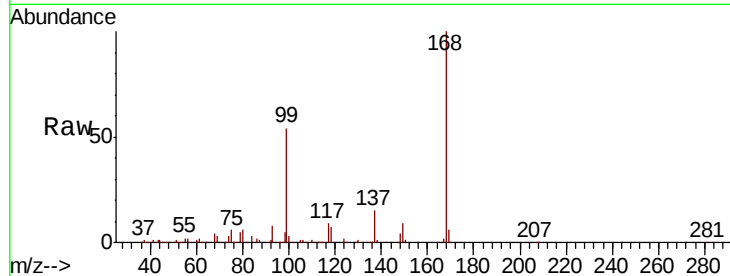


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

Instrument :
 MSVOA_X
 ClientSampled :

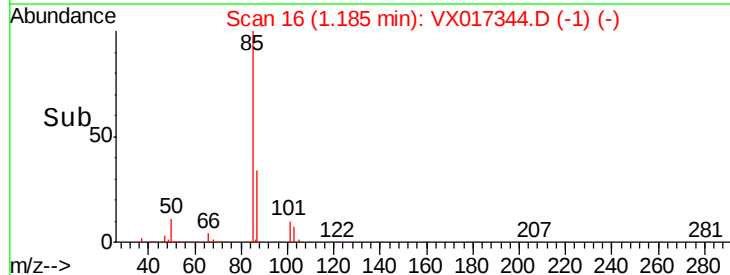
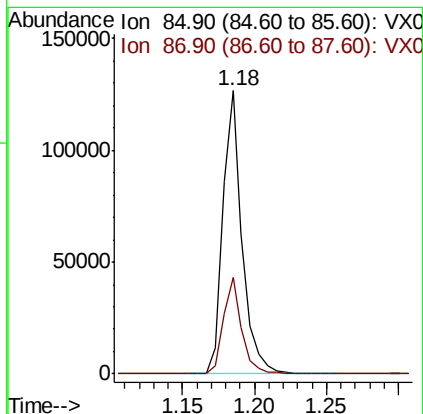
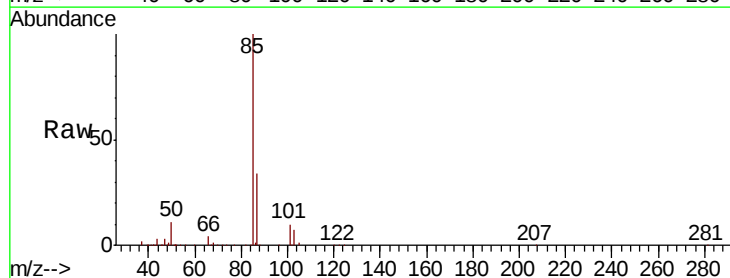
Tot Ion:168 Resp: 277852
 Ion Ratio Lower Upper
 168 100
 99 53.9 42.6 64.0

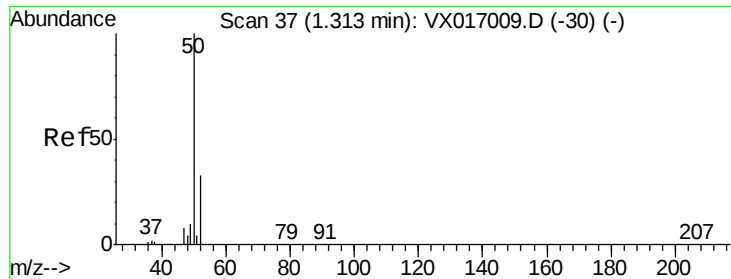


#2

Dichlorodifluoromethane
 Concen: 44.114 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

Tgt Ion: 85 Resp: 118581
 Ion Ratio Lower Upper
 85 100
 87 34.2 16.8 50.4





#3

Chloromethane

Concen: 42.665 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Instrument :

MSVOA_X

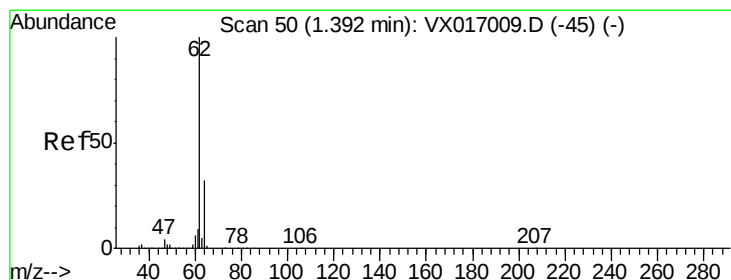
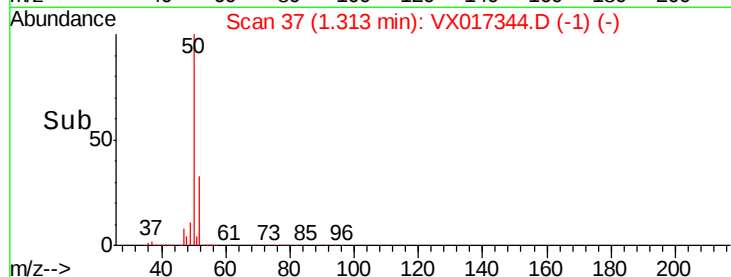
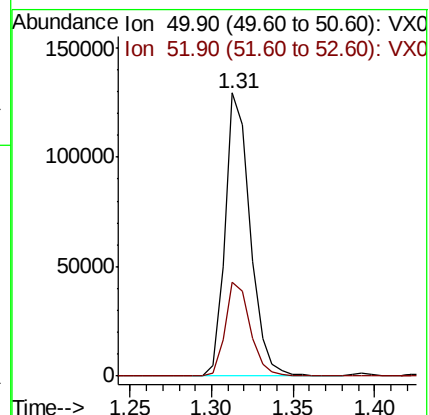
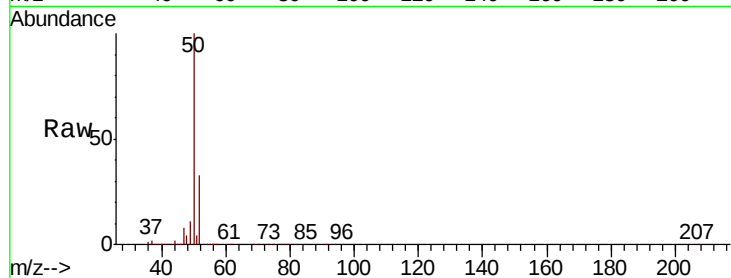
ClientSampled :

Tot Ion: 50 Resp: 138822

Ion Ratio Lower Upper

50 100

52 33.3 26.1 39.1



#4

Vinyl Chloride

Concen: 44.578 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017344.D

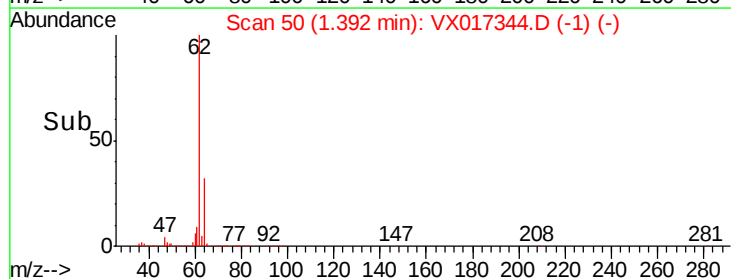
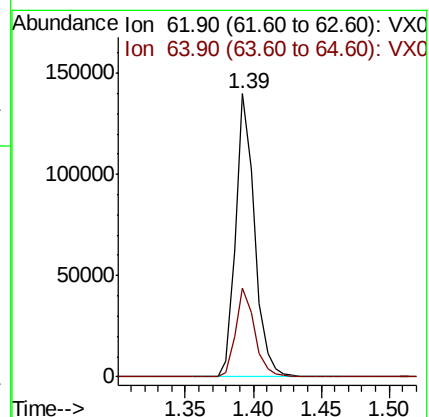
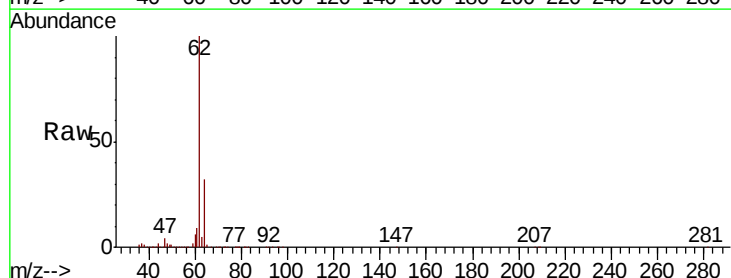
Acq: 10 Jul 2020 18:35

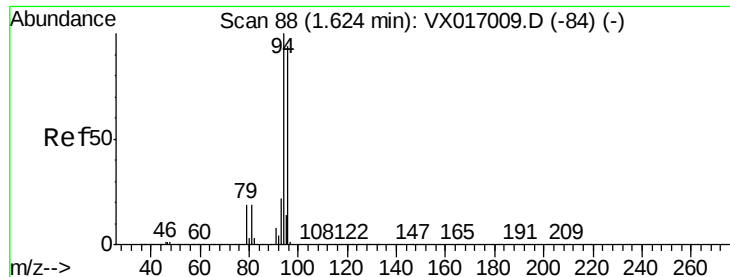
Tgt Ion: 62 Resp: 134574

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9





#5

Bromomethane

Concen: 46.949 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Instrument :

MSVOA_X

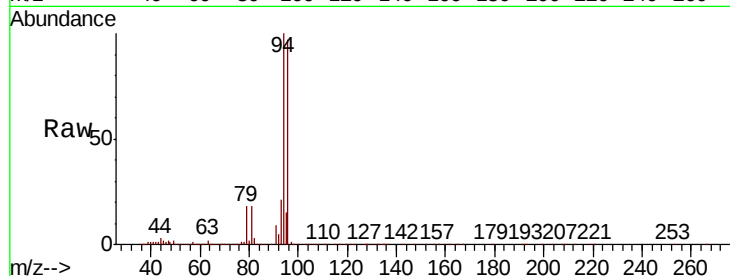
ClientSampleId :

Tot Ion: 94 Resp: 74882

Ion Ratio Lower Upper

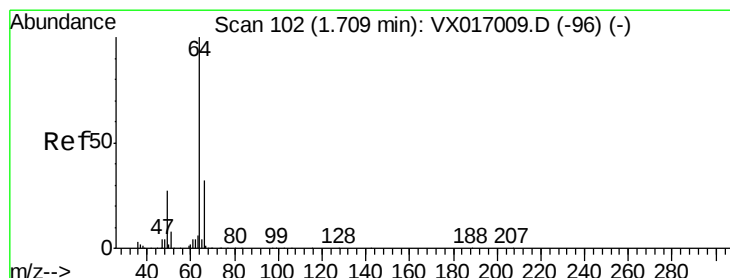
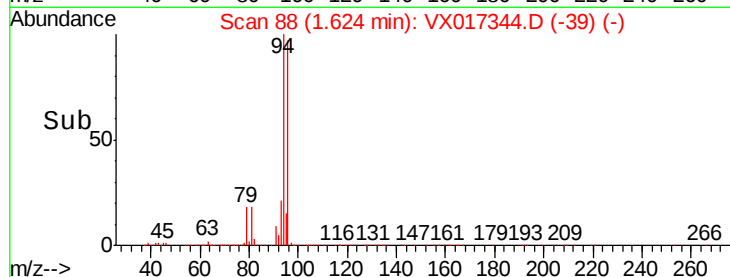
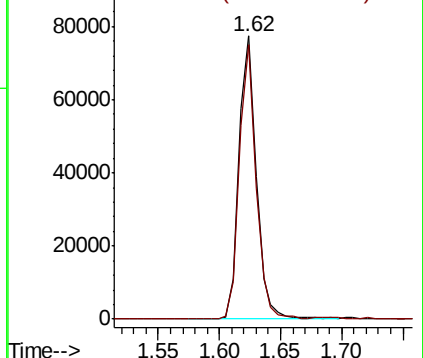
94 100

96 96.9 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.677 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017344.D

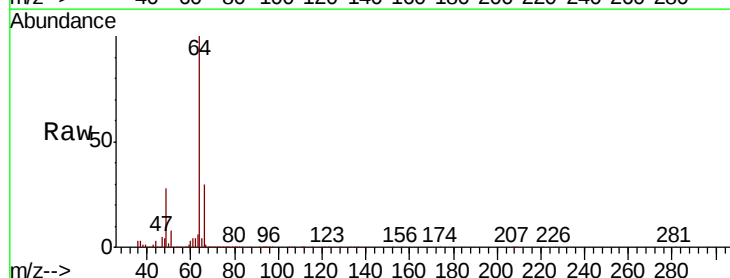
Acq: 10 Jul 2020 18:35

Tgt Ion: 64 Resp: 86788

Ion Ratio Lower Upper

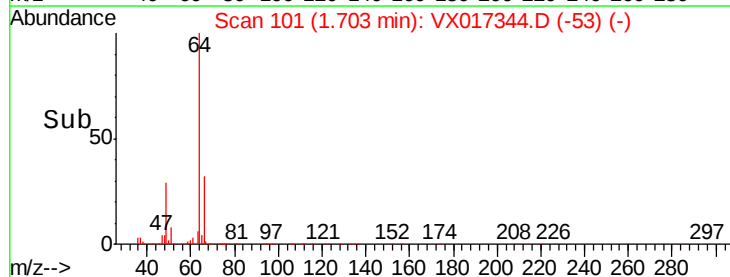
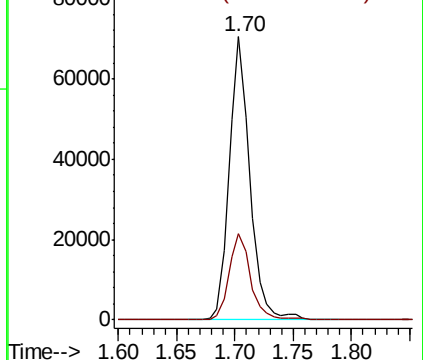
64 100

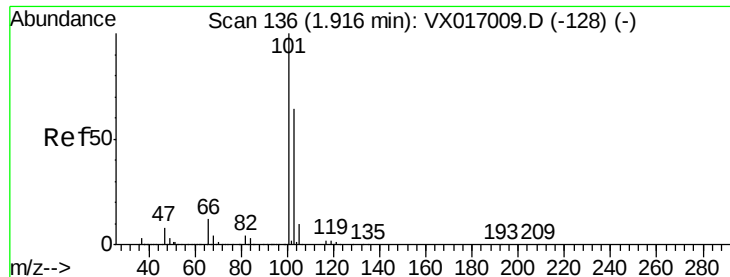
66 30.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



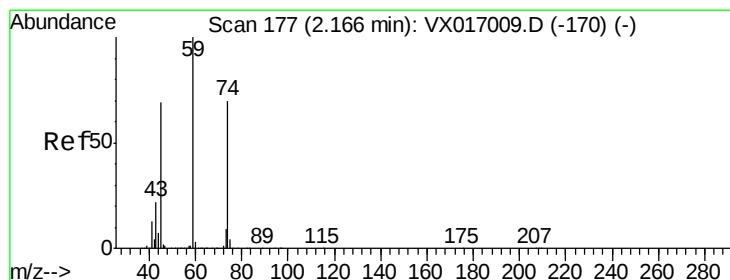
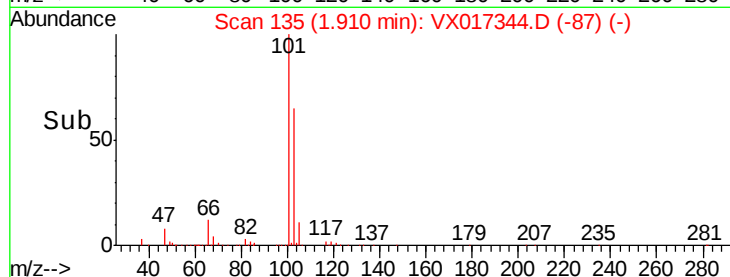
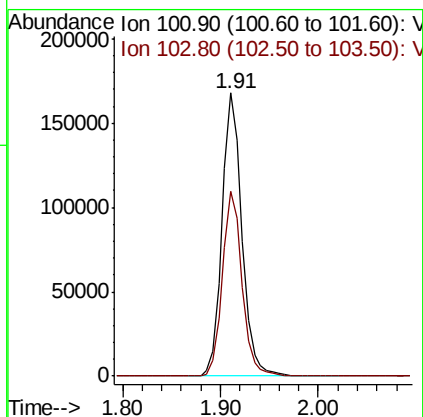
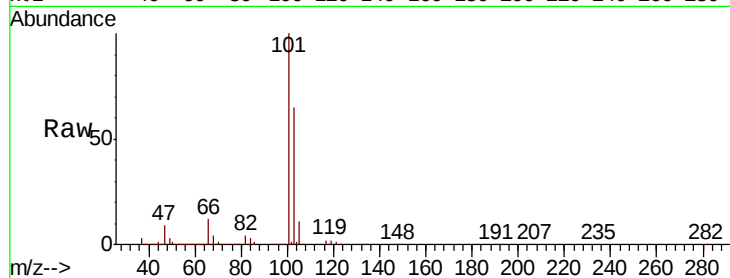


#7

Trichlorofluoromethane
Concen: 52.981 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

Instrument :
MSVOA_X
ClientSampleId :

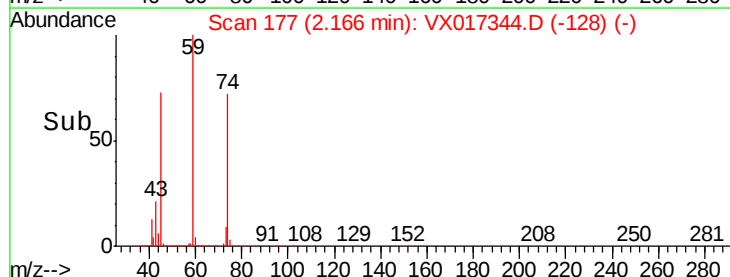
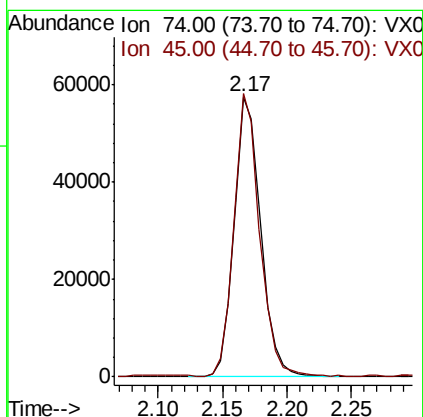
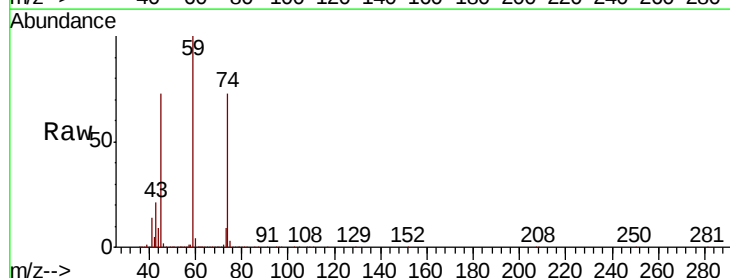
Tot Ion:101 Resp: 236549
Ion Ratio Lower Upper
101 100
103 65.2 51.5 77.3

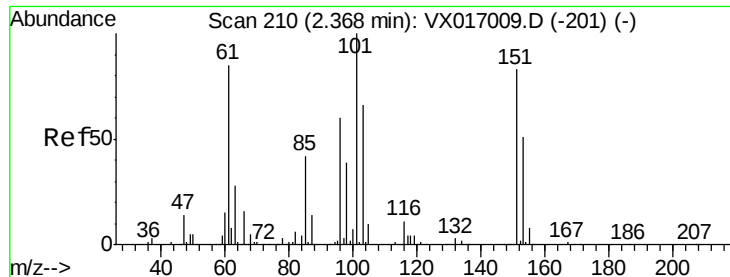


#8

Diethyl Ether
Concen: 54.924 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

Tgt Ion: 74 Resp: 82564
Ion Ratio Lower Upper
74 100
45 97.1 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.516 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

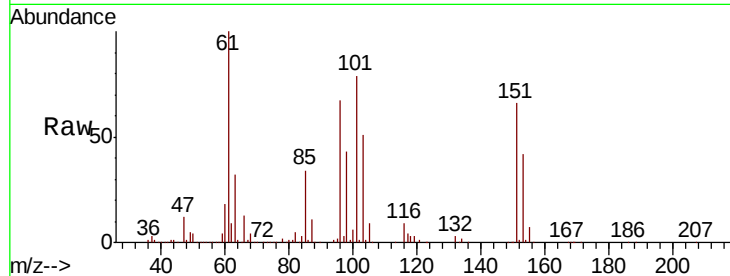
Tot Ion:101 Resp: 132502

Ion Ratio Lower Upper

101 100

85 43.1 33.5 50.3

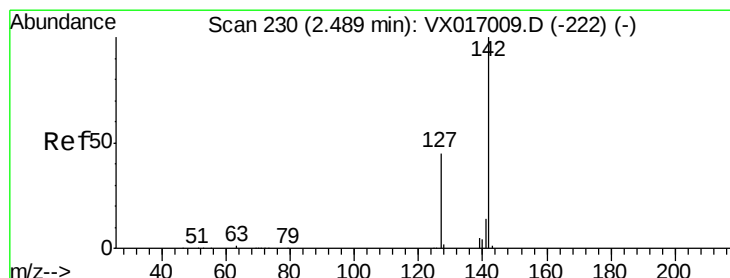
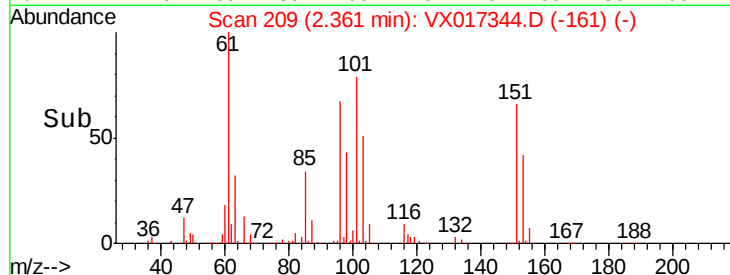
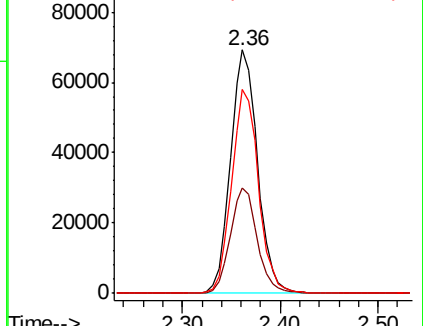
151 83.5 63.8 95.6



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: 42.439 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

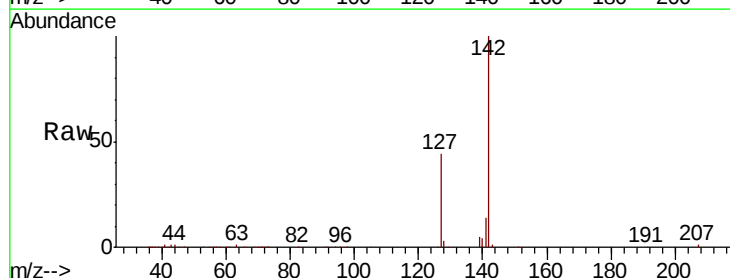
Tgt Ion:142 Resp: 146539

Ion Ratio Lower Upper

142 100

127 44.5 36.6 54.8

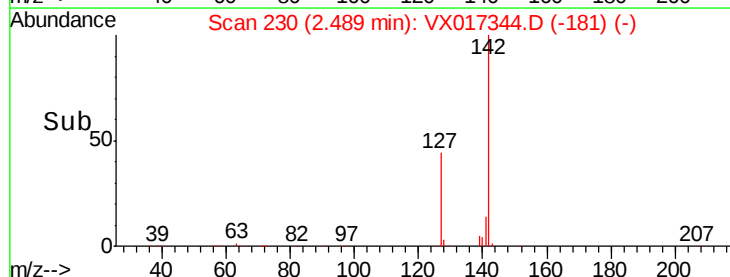
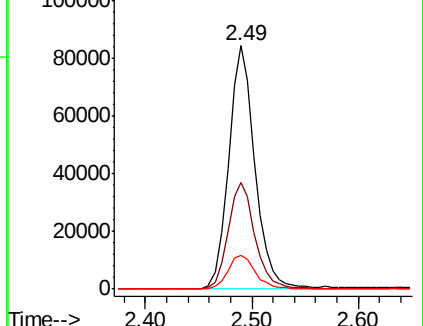
141 14.6 11.6 17.4

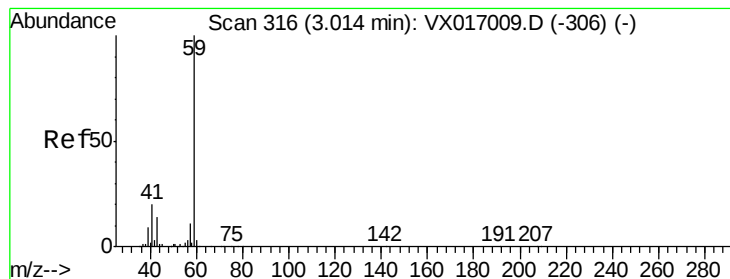


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



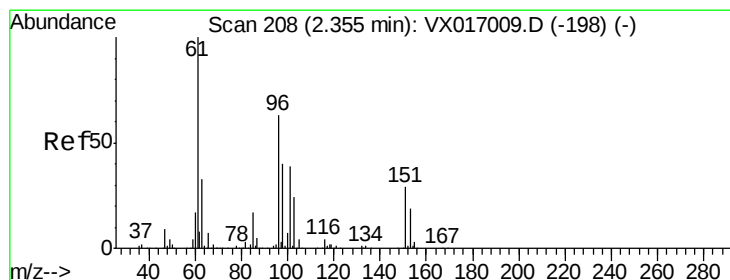
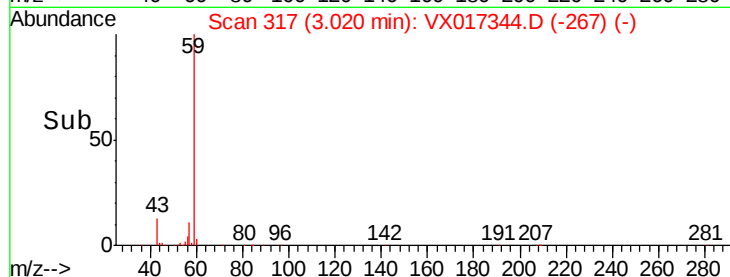
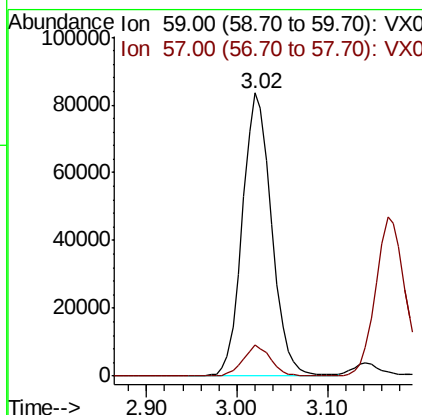
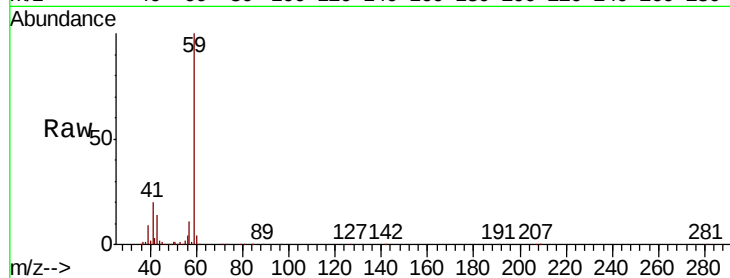


#11

Tert butyl alcohol
 Concen: 285.647 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

Instrument :
 MSVOA_X
 ClientSampleId :

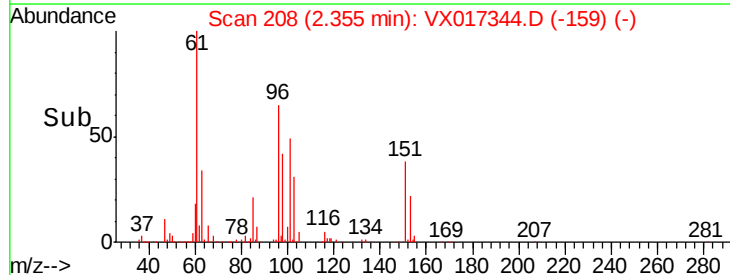
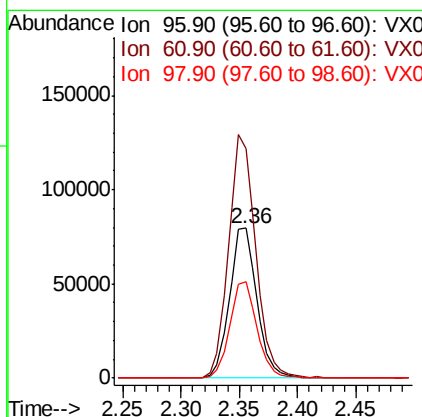
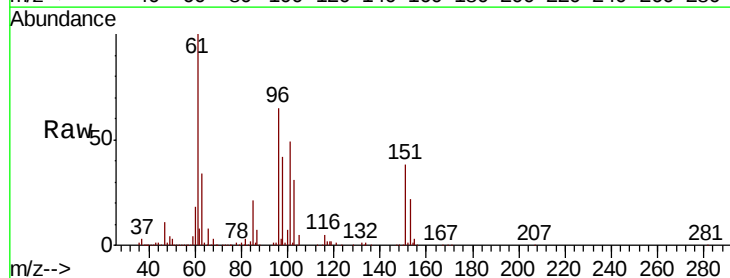
Tot Ion: 59 Resp: 186658
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

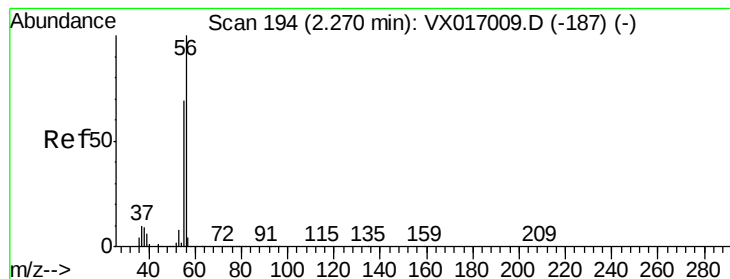


#12

1,1-Dichloroethene
 Concen: 47.178 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

Tgt Ion: 96 Resp: 129691
 Ion Ratio Lower Upper
 96 100
 61 153.4 126.3 189.5
 98 64.4 51.0 76.6





#13

Acrolein

Concen: 241.188 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Instrument :

MSVOA_X

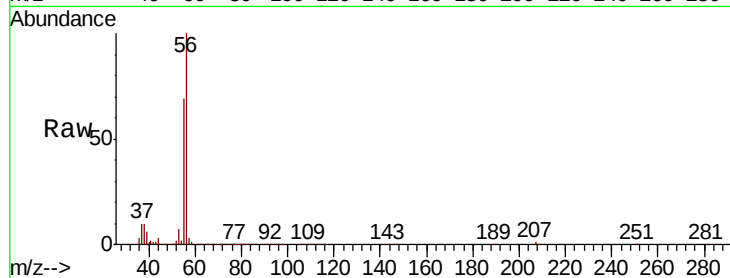
ClientSampleId :

Tot Ion: 56 Resp: 94214

Ion Ratio Lower Upper

56 100

55 70.8 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

60000

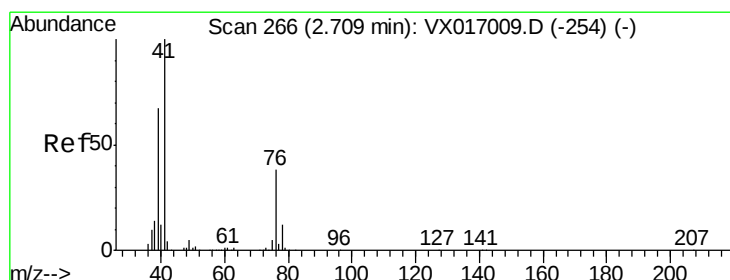
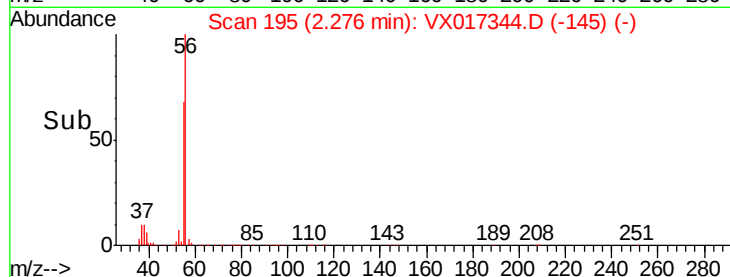
40000

20000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 46.658 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

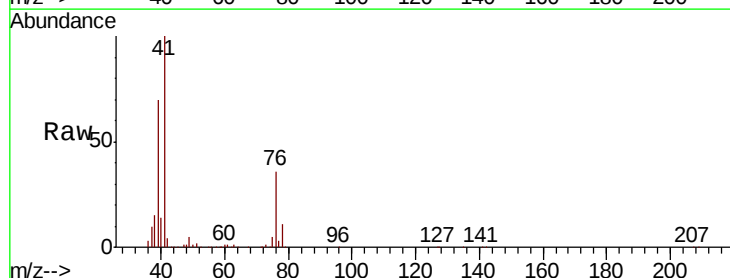
Tgt Ion: 41 Resp: 237038

Ion Ratio Lower Upper

41 100

39 64.5 49.4 74.2

76 34.3 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.70

150000

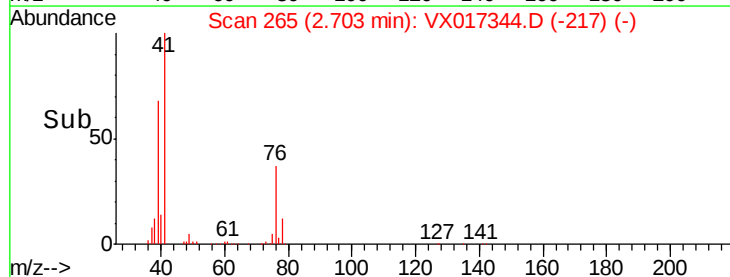
100000

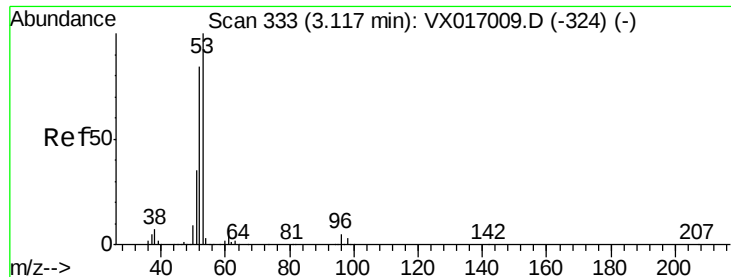
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 275.168 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

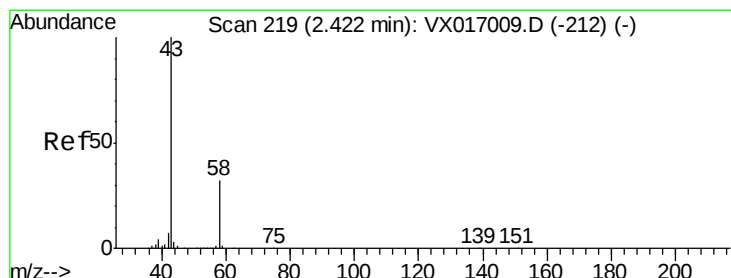
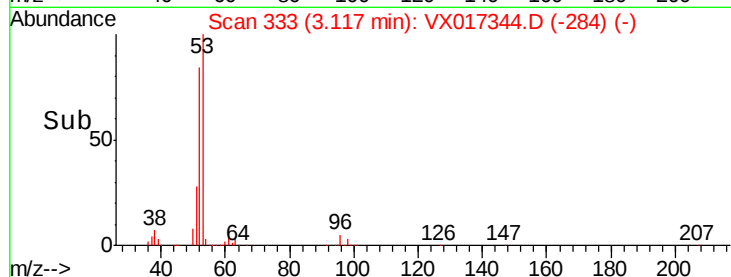
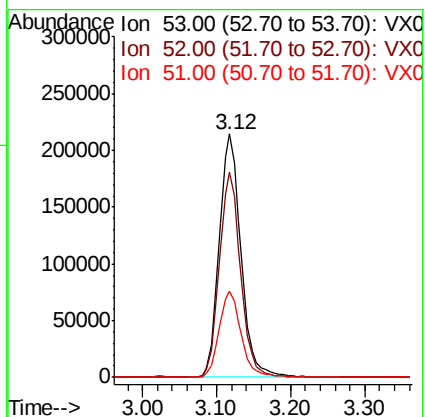
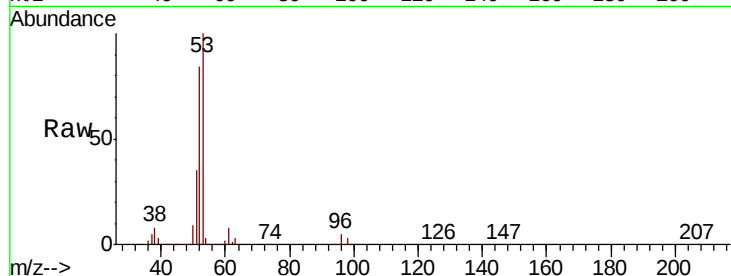
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 432257

Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.6	98.4
51	36.2	28.3	42.5



#16

Acetone

Concen: 281.665 ug/l

RT: 2.42 min Scan# 219

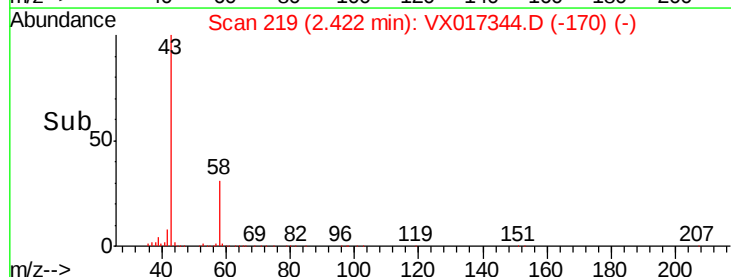
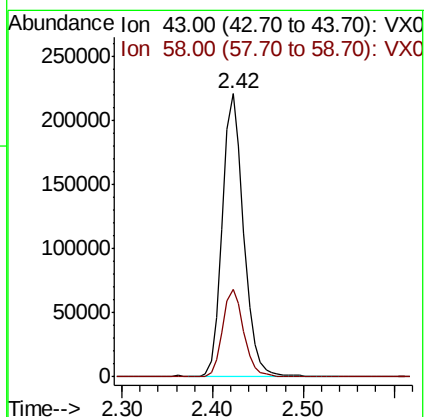
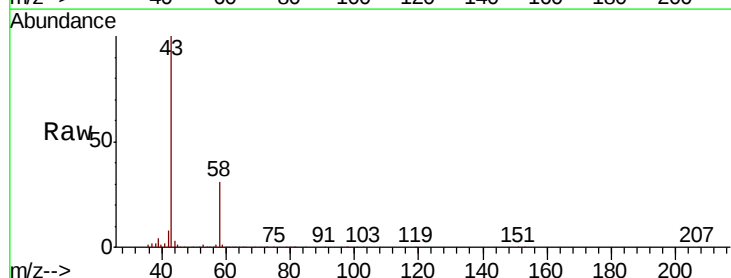
Delta R.T. -0.00 min

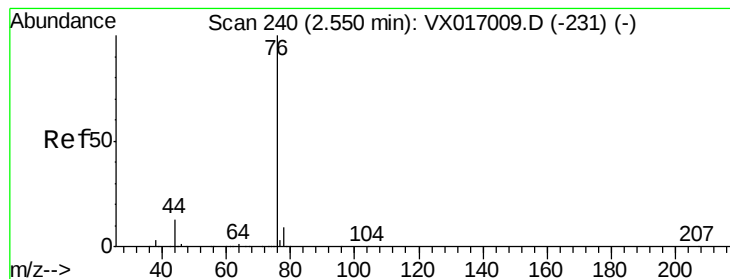
Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Tgt Ion: 43 Resp: 360924

Ion	Ratio	Lower	Upper
43	100		
58	31.1	25.7	38.5





#17

Carbon Disulfide

Concen: 43.457 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Instrument :

MSVOA_X

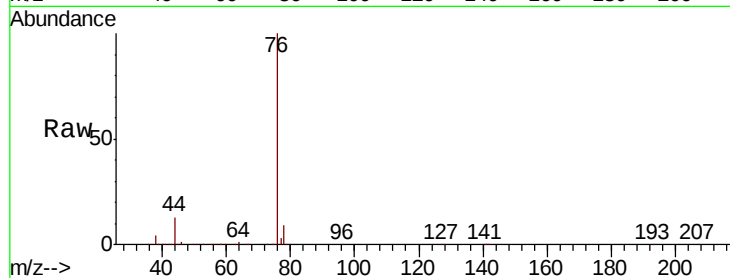
ClientSampled :

Tot Ion: 76 Resp: 33335

Ion Ratio Lower Upper

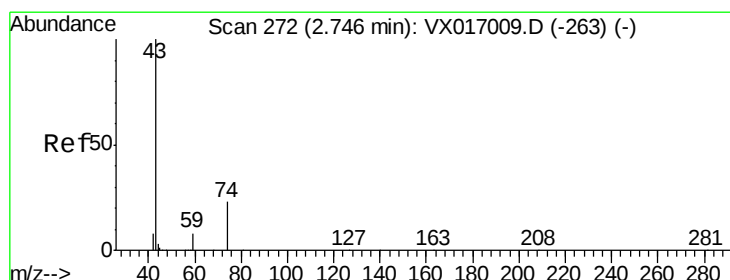
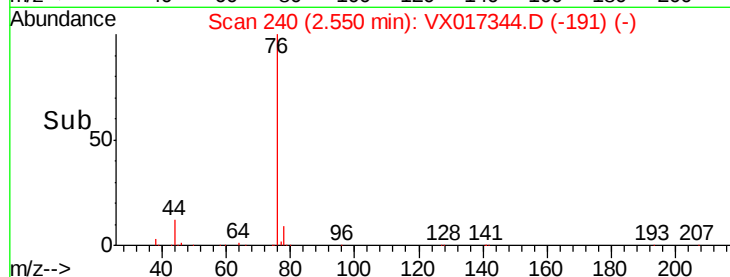
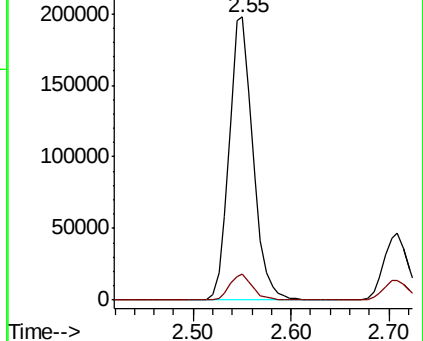
76 100

78 9.4 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: 59.430 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017344.D

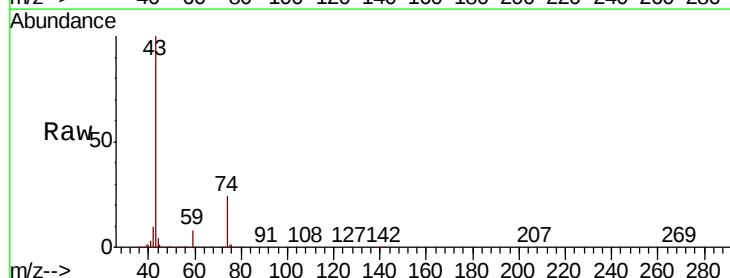
Acq: 10 Jul 2020 18:35

Tgt Ion: 43 Resp: 198797

Ion Ratio Lower Upper

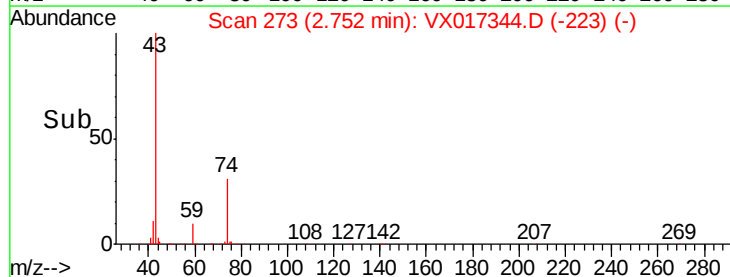
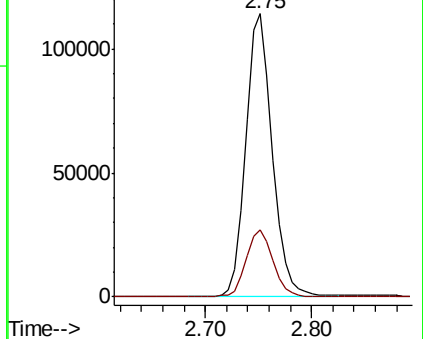
43 100

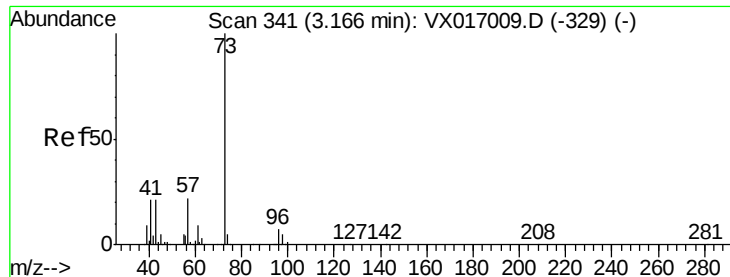
74 24.5 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



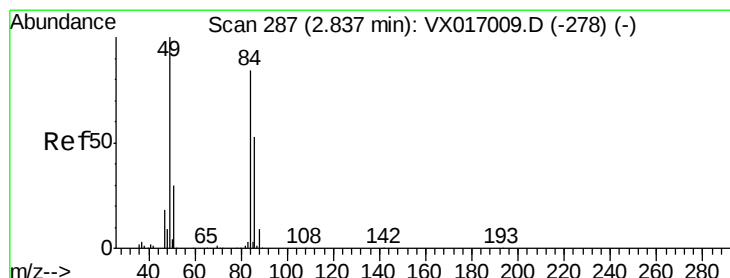
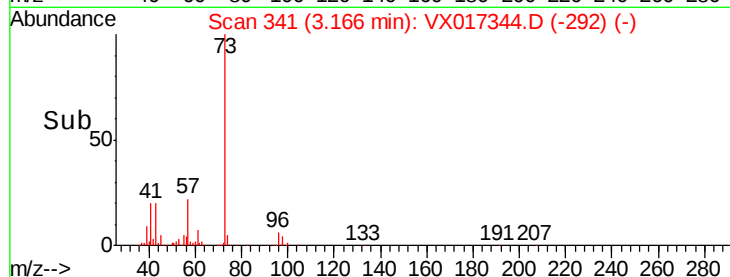
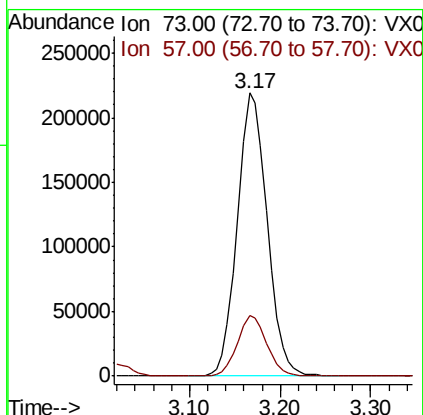
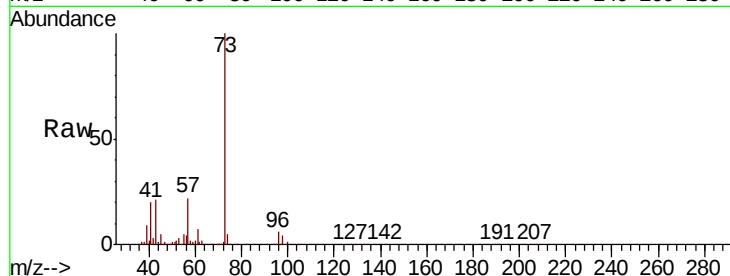


#19

Methyl tert-butyl Ether
 Concen: 54.111 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

Instrument :
 MSVOA_X
 ClientSampleId :

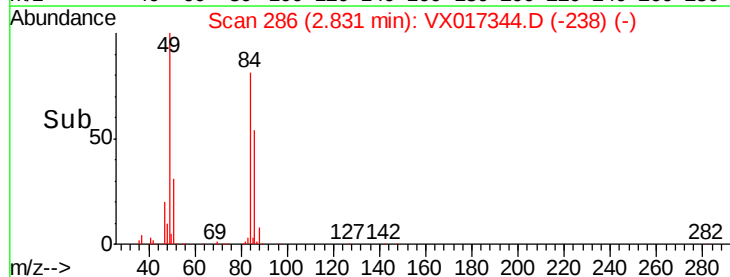
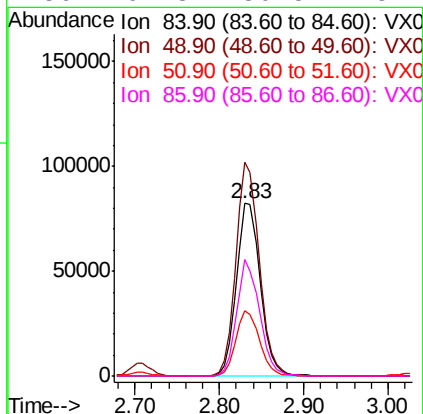
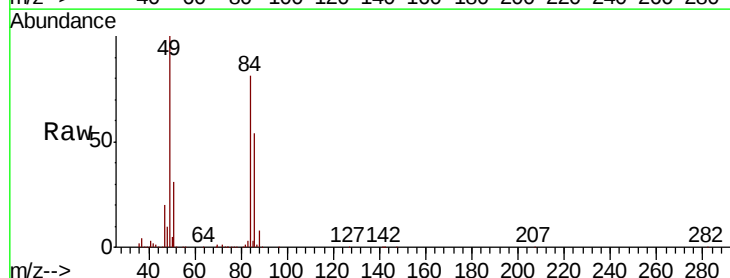
Tot Ion: 73 Resp: 499228
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.6 26.4

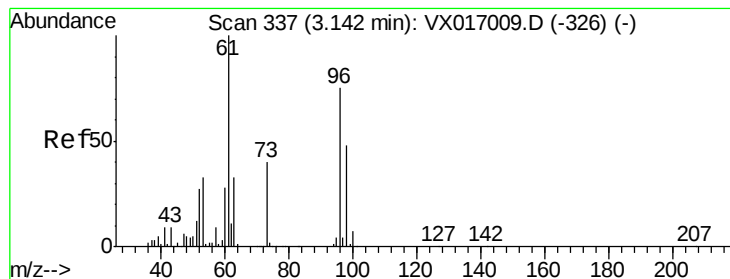


#20

Methylene Chloride
 Concen: 53.314 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

Tgt Ion: 84 Resp: 156529
 Ion Ratio Lower Upper
 84 100
 49 124.0 94.7 142.1
 51 38.2 28.6 42.8
 86 67.3 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 47.892 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Instrument :
MSVOA_X
ClientSampled :

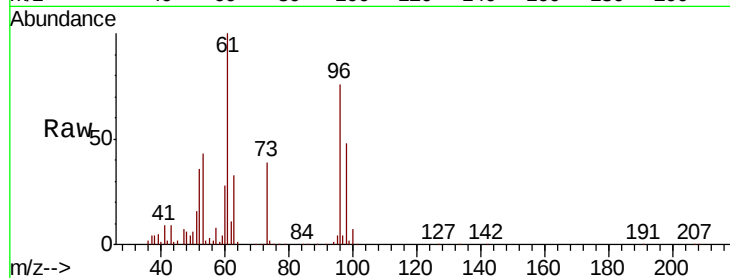
Tot Ion: 96 Resp: 146100

Ion Ratio Lower Upper

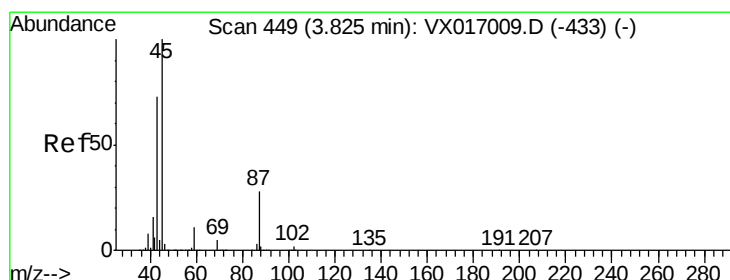
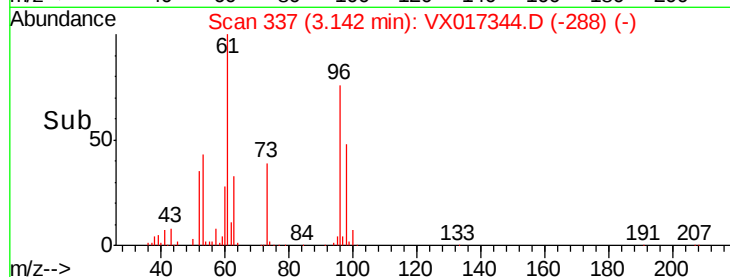
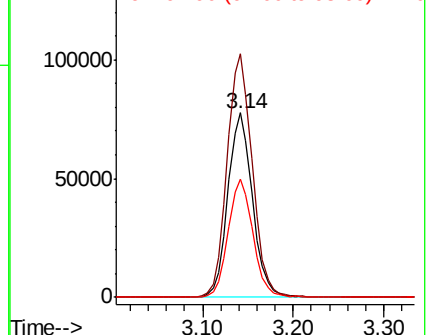
96 100

61 132.0 107.0 160.6

98 64.0 51.6 77.4



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



#22

Diisopropyl ether

Concen: 52.015 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Tgt Ion: 45 Resp: 489086

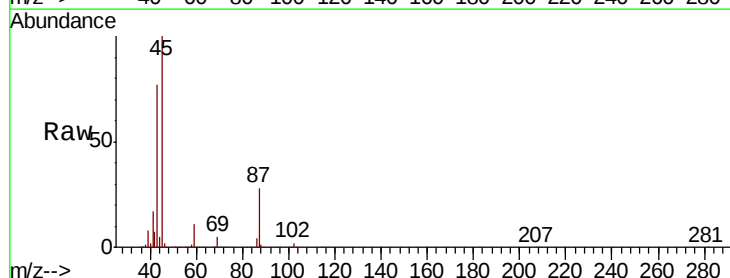
Ion Ratio Lower Upper

45 100

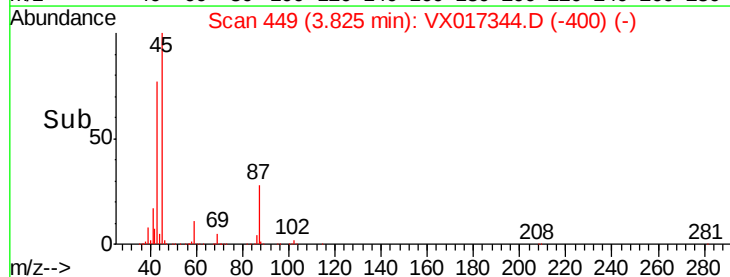
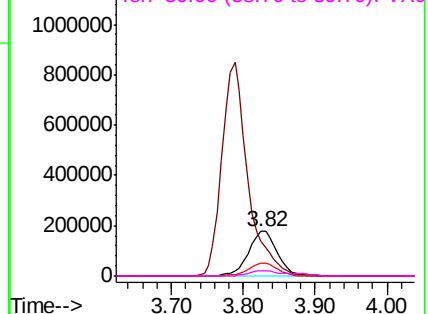
43 76.9 58.6 88.0

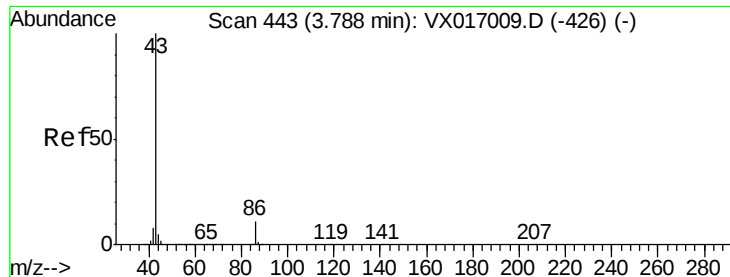
87 27.8 22.6 34.0

59 10.9 8.7 13.1



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





#23

Vinyl Acetate

Concen: 265.456 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Instrument :

MSVOA_X

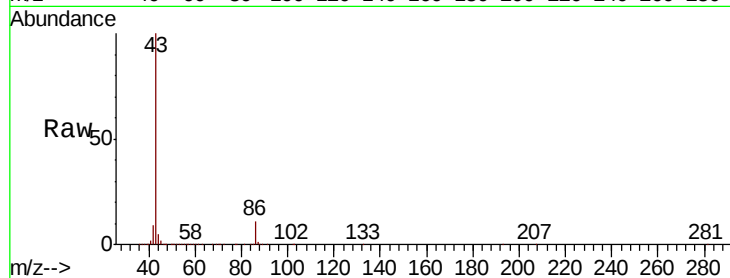
ClientSampleId :

Tot Ion: 43 Resp: 2144855

Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

800000

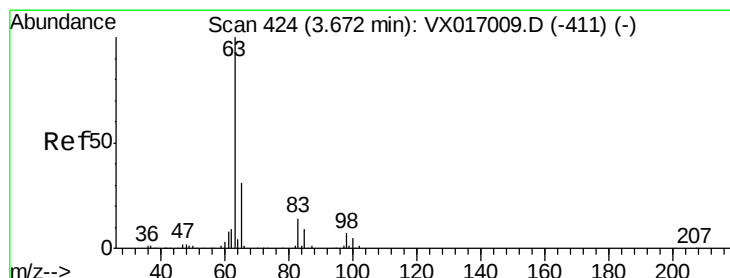
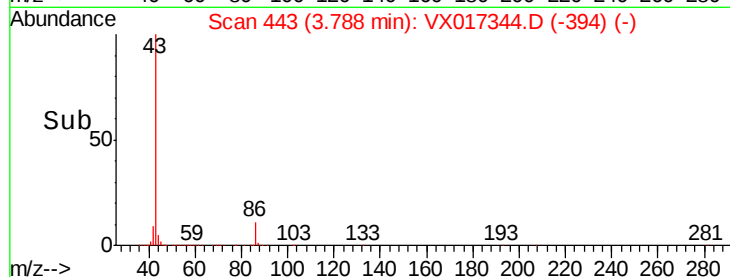
600000

400000

200000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 50.023 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

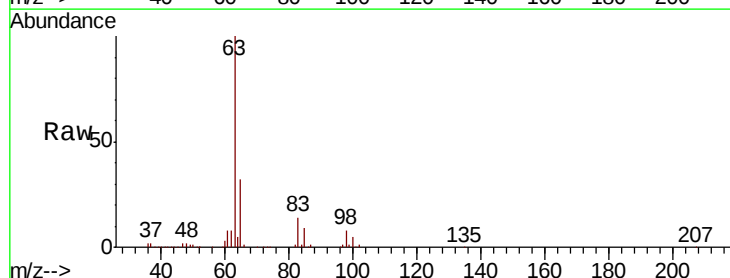
Tgt Ion: 63 Resp: 267631

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.6 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

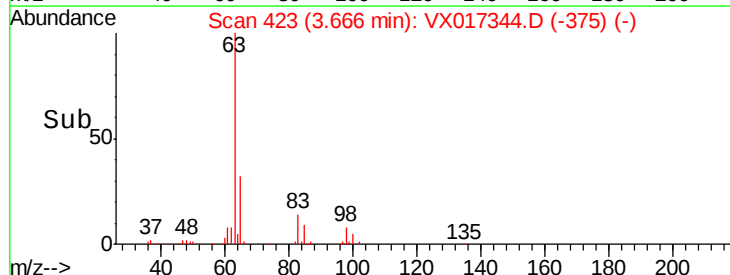
150000

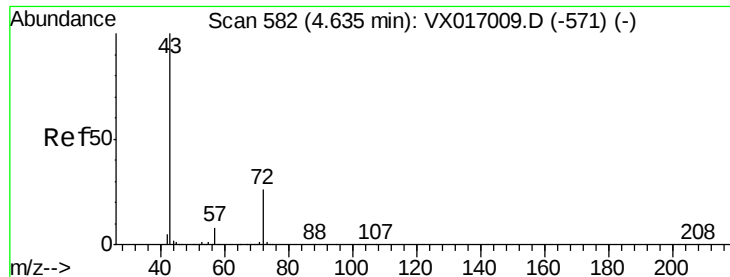
100000

50000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 279.153 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Instrument :

MSVOA_X

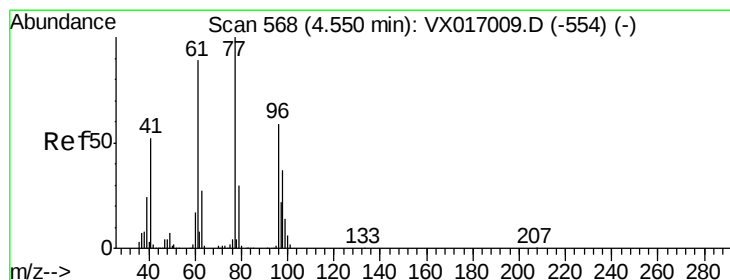
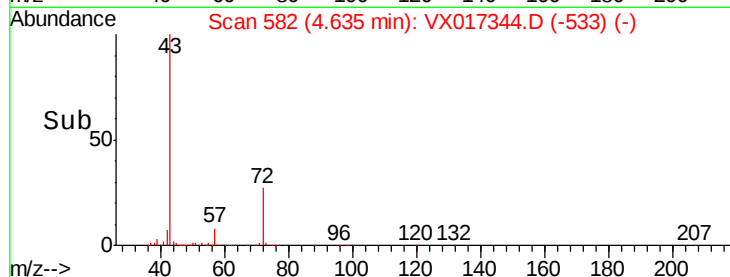
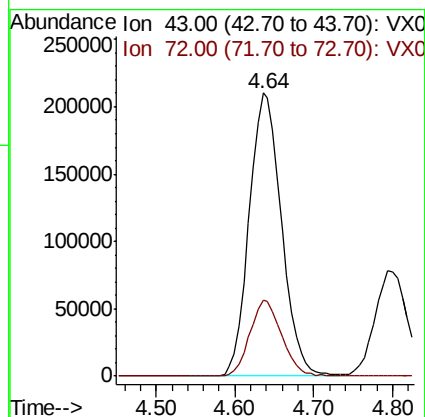
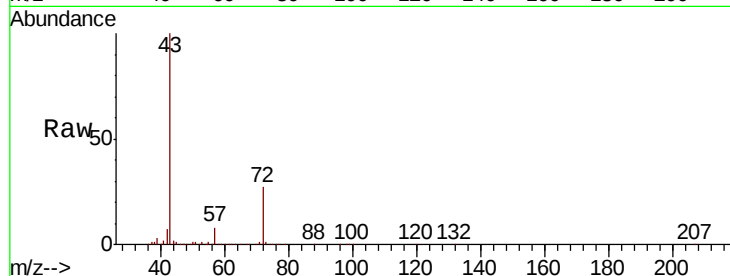
ClientSampleId :

Tot Ion: 43 Resp: 596029

Ion Ratio Lower Upper

43 100

72 26.5 20.8 31.2



#26

2,2-Dichloropropane

Concen: 47.413 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017344.D

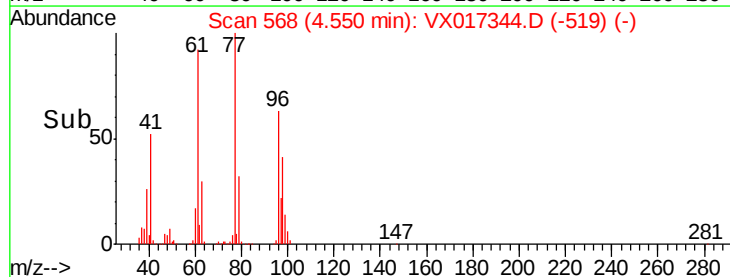
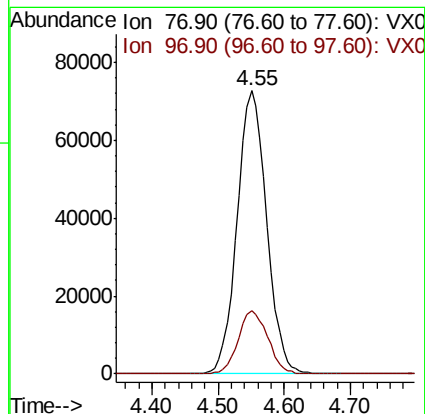
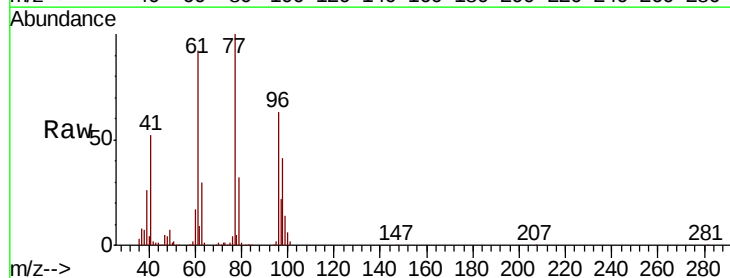
Acq: 10 Jul 2020 18:35

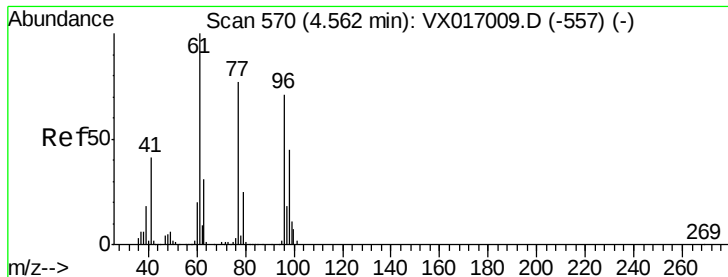
Tgt Ion: 77 Resp: 225230

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.2



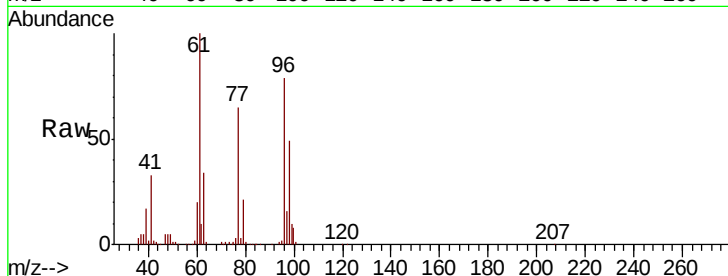


#27

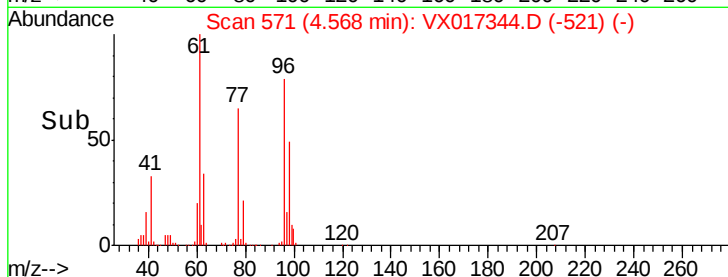
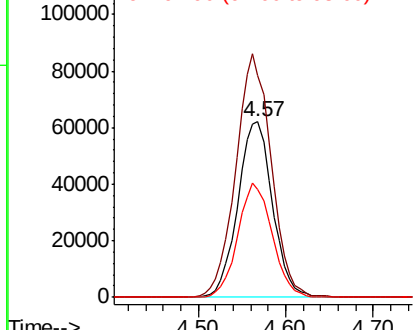
cis-1,2-Dichloroethene
Concen: 49.635 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	171565
Ion Ratio	Lower	Upper	
96	100		
61	141.5	0.0	282.8
98	64.5	0.0	127.6



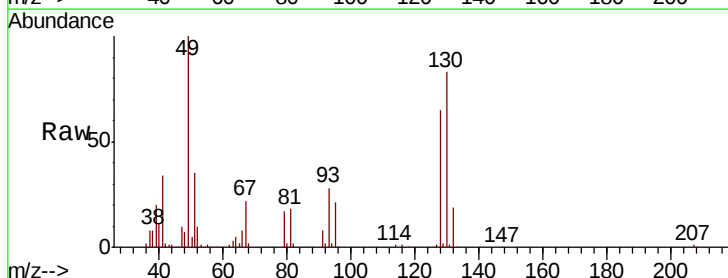
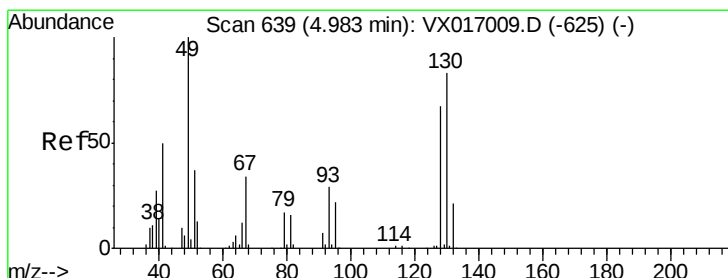
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



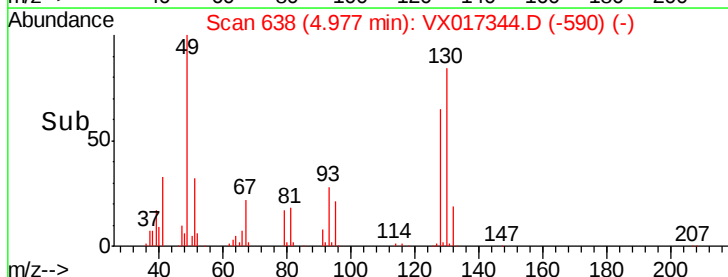
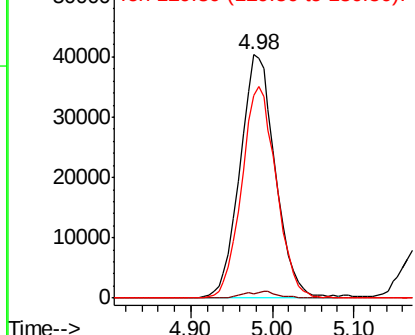
#28

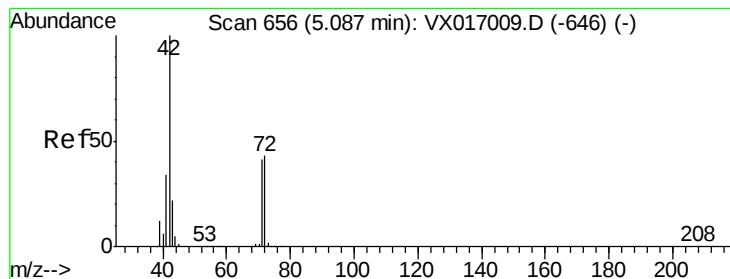
Bromochloromethane
Concen: 46.576 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

Tgt Ion	49	Resp	121260
Ion Ratio	Lower	Upper	
49	100		
129	2.5	0.0	4.2
130	85.4	66.6	100.0



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





#29

Tetrahydrofuran

Concen: 272.530 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

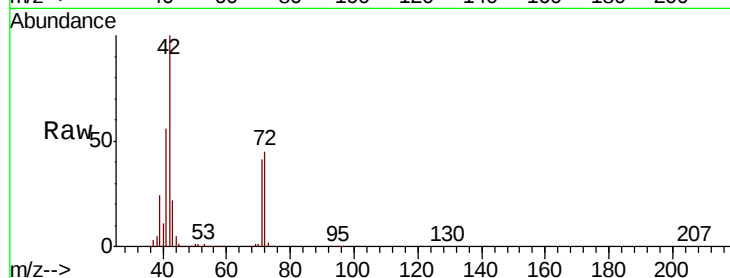
Tot Ion: 42 Resp: 384466

Ion Ratio Lower Upper

42 100

72 45.4 35.3 52.9

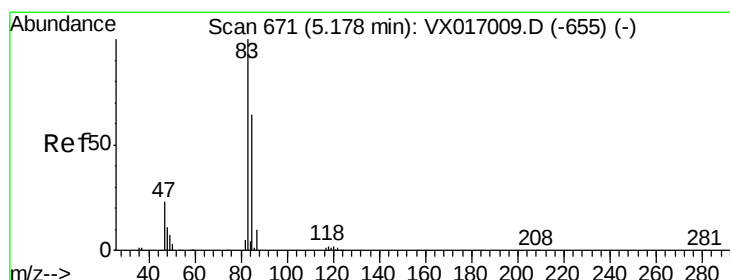
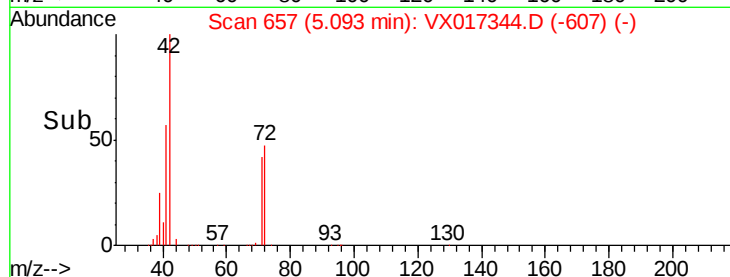
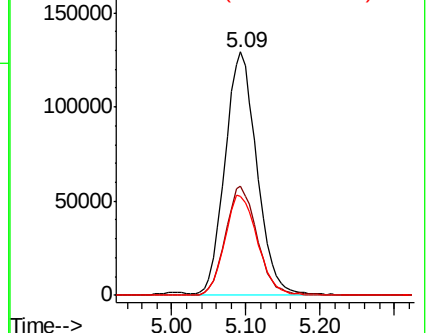
71 42.3 33.1 49.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.448 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017344.D

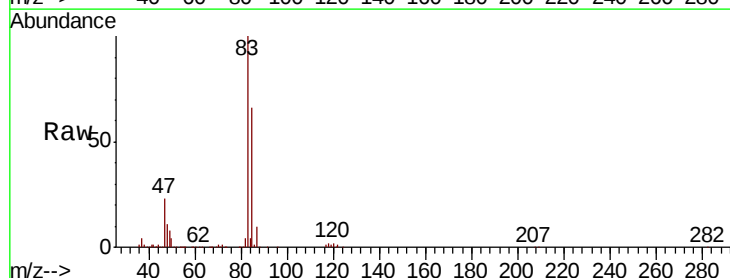
Acq: 10 Jul 2020 18:35

Tgt Ion: 83 Resp: 287648

Ion Ratio Lower Upper

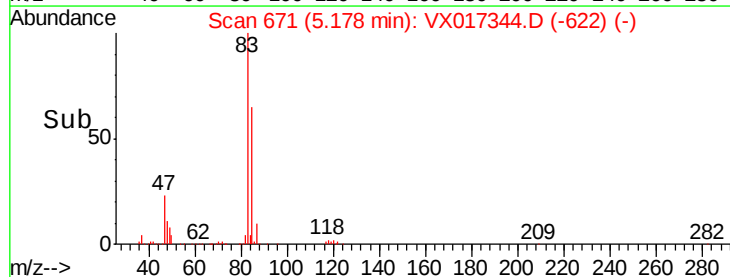
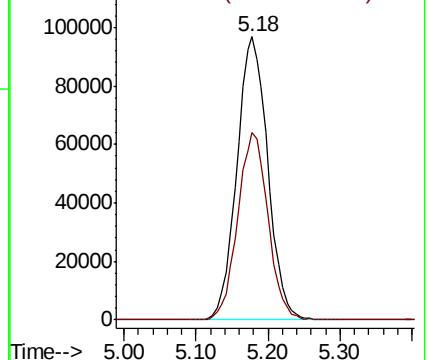
83 100

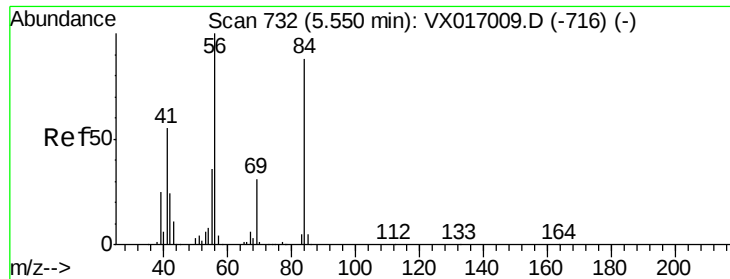
85 66.1 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

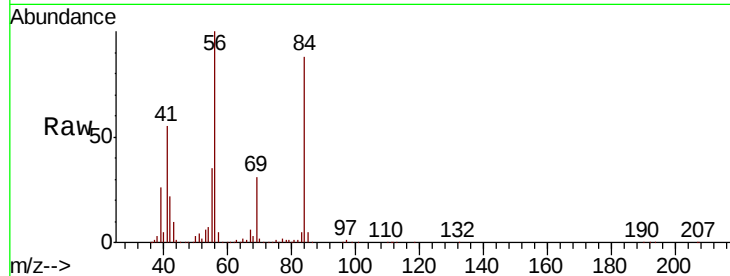




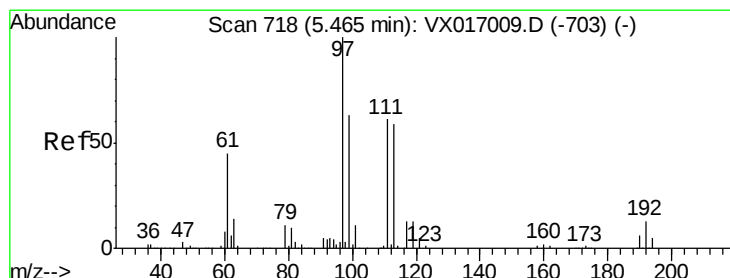
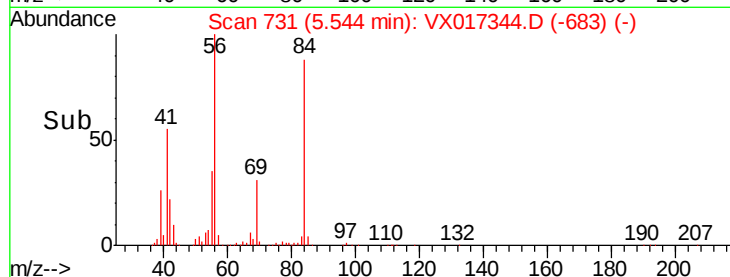
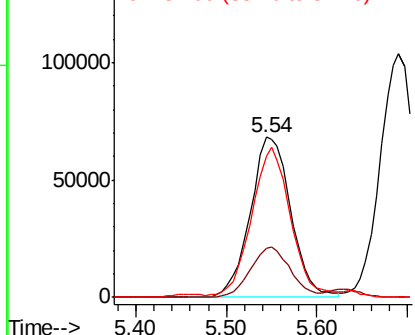
#31
Cyclohexane
Concen: 45.713 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 211400
Ion Ratio Lower Upper
56 100
69 30.6 25.0 37.4
84 86.0 69.1 103.7

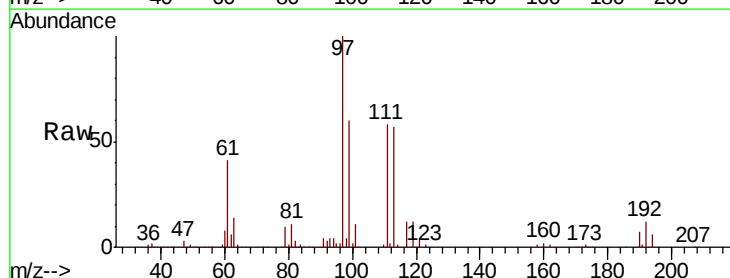


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

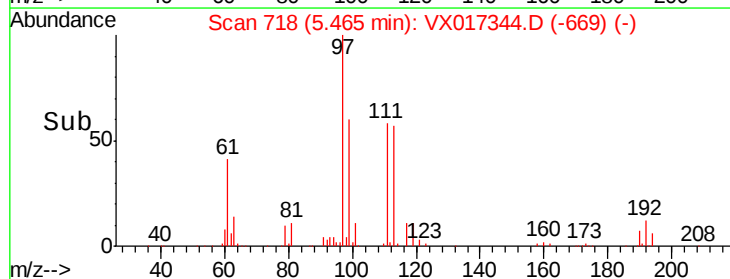
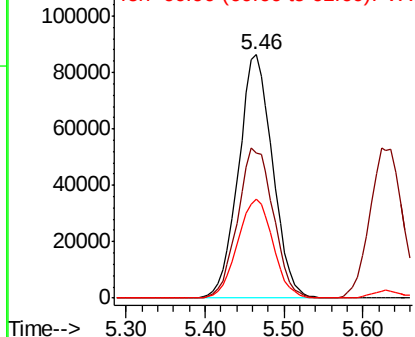


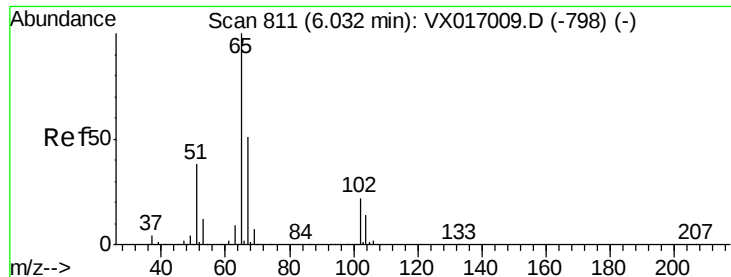
#32
1,1,1-Trichloroethane
Concen: 51.412 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

Tgt Ion: 97 Resp: 259678
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 42.4 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: 49.907 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

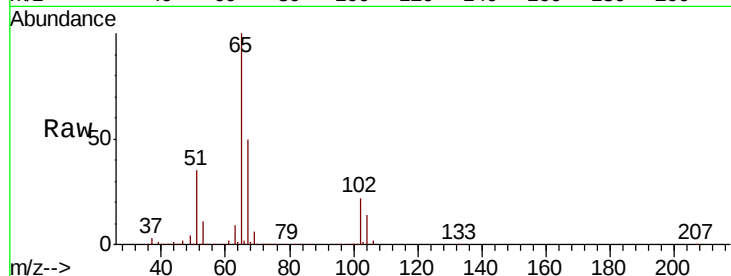
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 170951

Ion Ratio Lower Upper

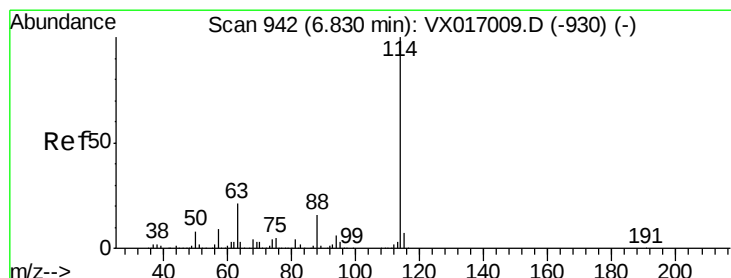
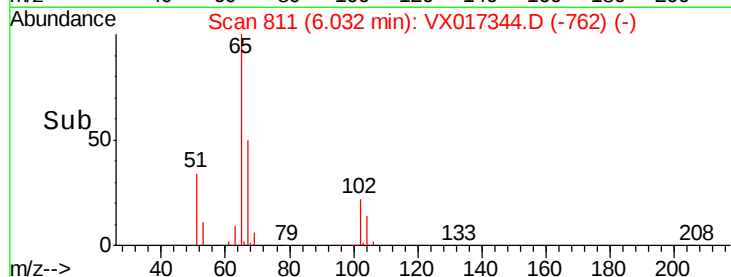
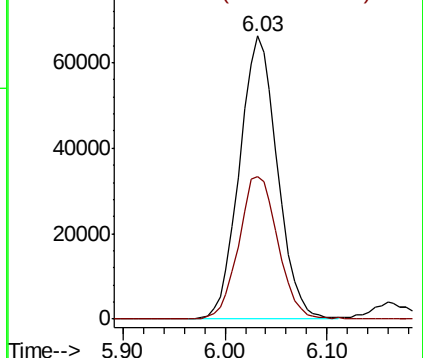
65 100

67 52.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

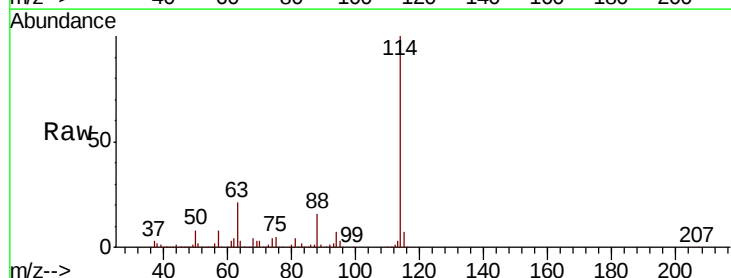
Tgt Ion: 114 Resp: 427002

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

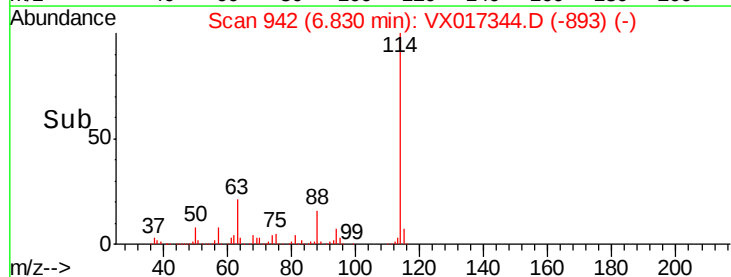
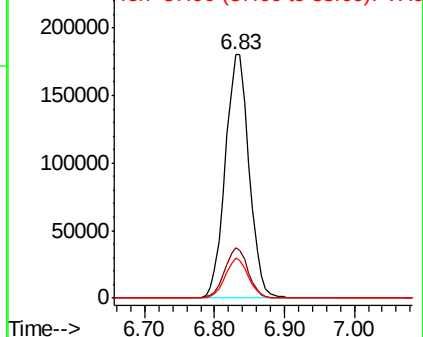
88 16.3 0.0 32.4

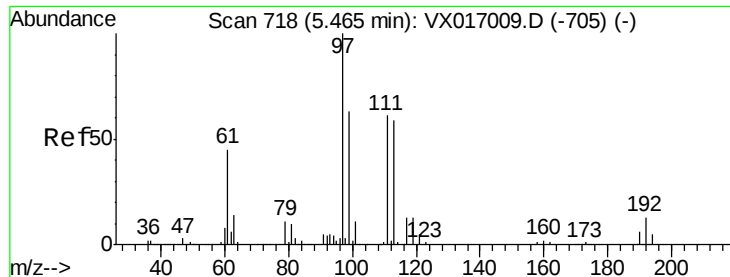


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

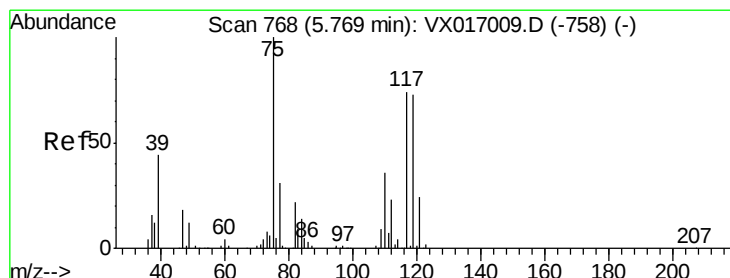
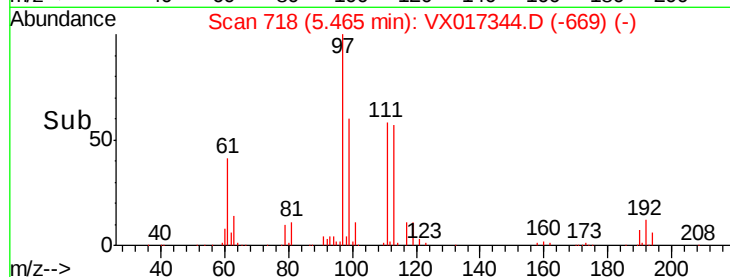
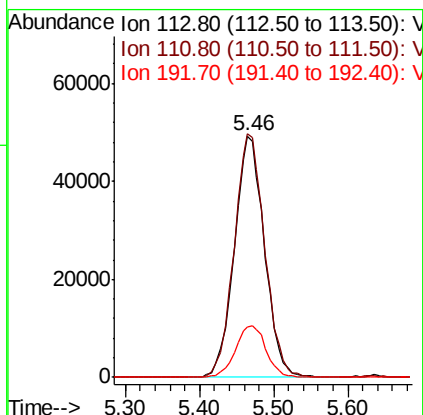
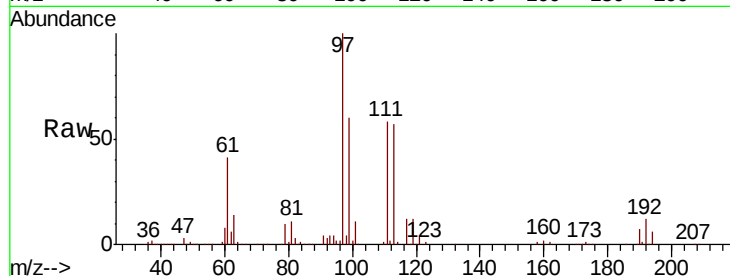




#35
 Dibromofluoromethane
 Concen: 51.476 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

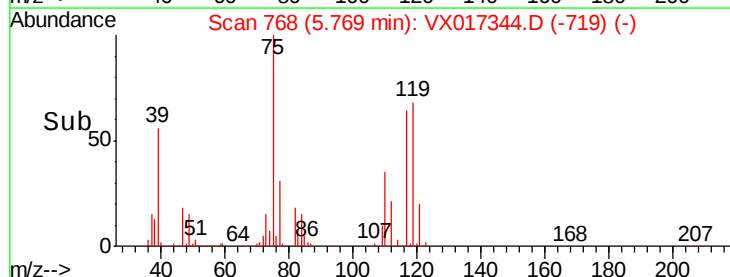
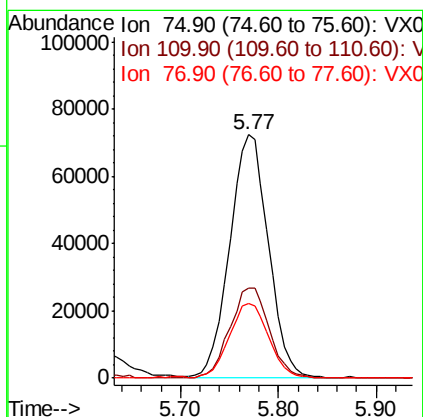
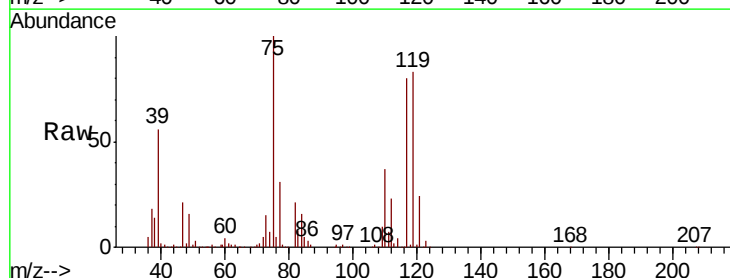
Instrument :
 MSVOA_X
 ClientSampleId :

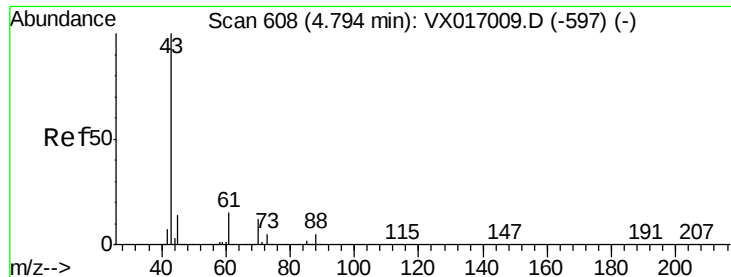
Tot Ion:113 Resp: 139042
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.9 122.9
 192 21.8 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 48.895 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

Tgt Ion: 75 Resp: 197325
 Ion Ratio Lower Upper
 75 100
 110 38.1 18.1 54.1
 77 30.9 24.6 37.0

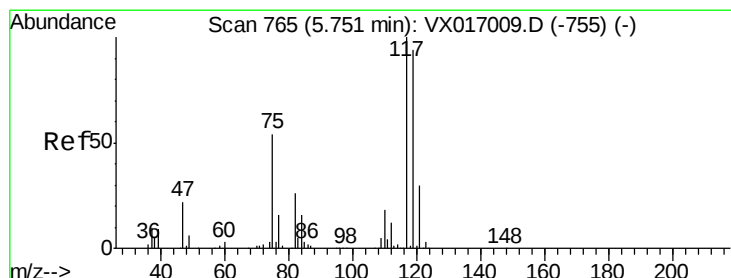
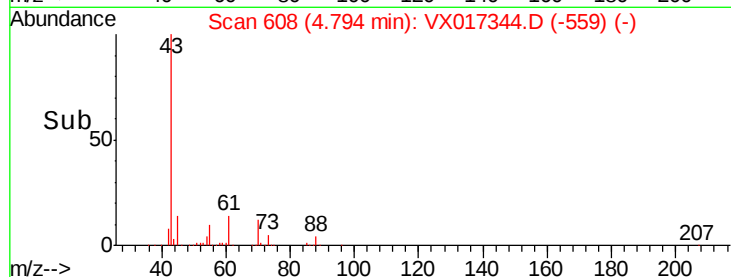
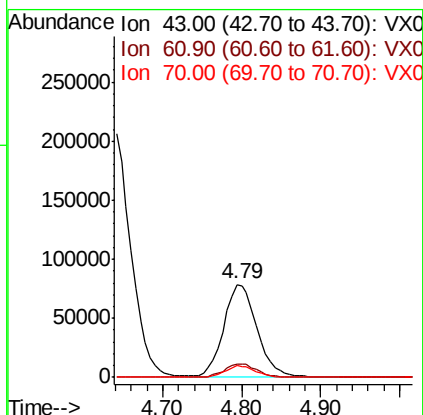
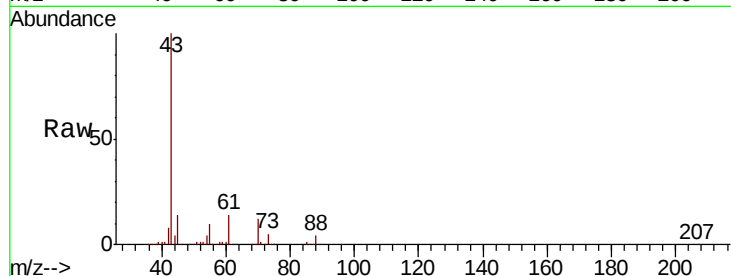




#37
Ethyl Acetate
Concen: 55.978 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

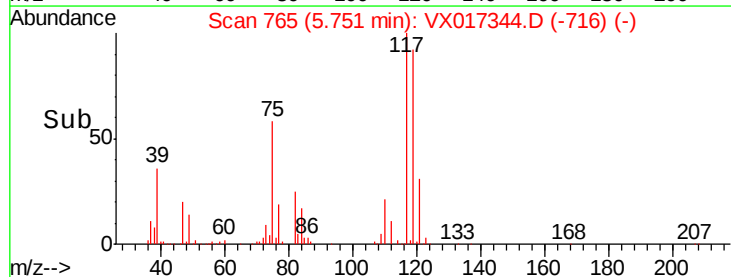
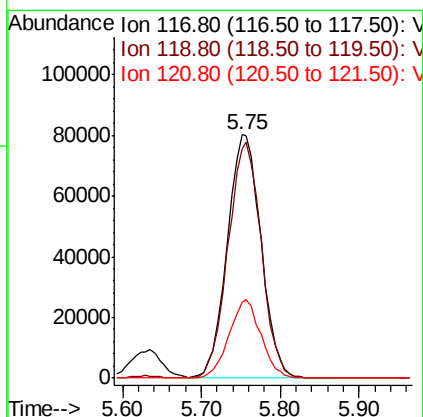
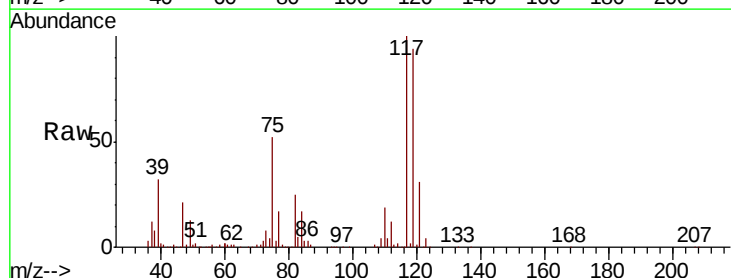
Instrument :
MSVOA_X
ClientSampled :

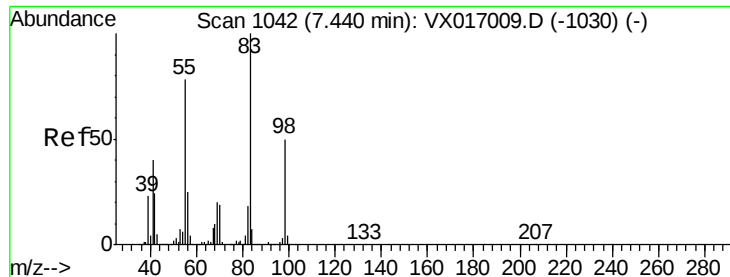
Tot Ion: 43 Resp: 229209
Ion Ratio Lower Upper
43 100
61 14.2 11.0 16.4
70 11.6 8.9 13.3



#38
Carbon Tetrachloride
Concen: 53.628 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

Tgt Ion: 117 Resp: 238379
Ion Ratio Lower Upper
117 100
119 94.1 75.4 113.0
121 31.4 23.8 35.6

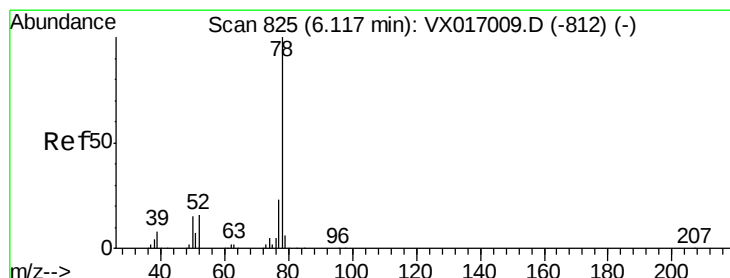
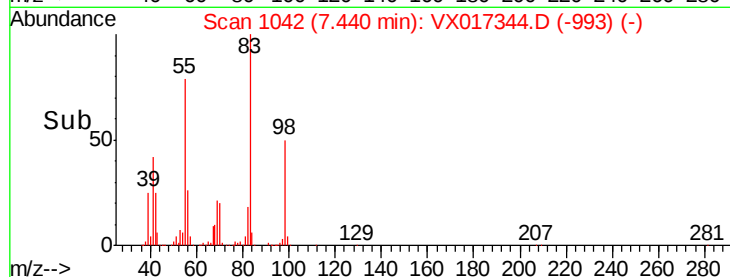
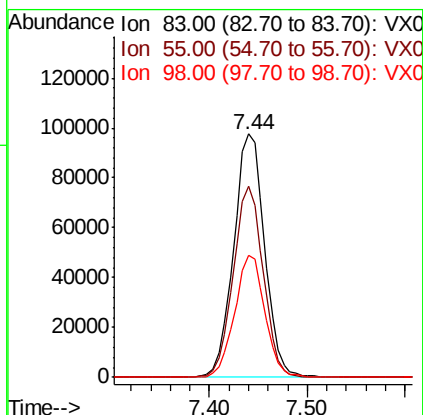
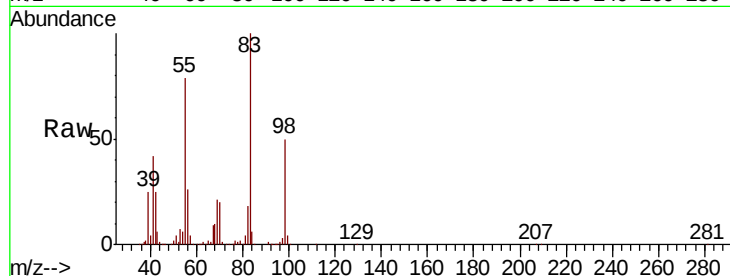




#39
Methvlcvclohexane
Concen: 47.646 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

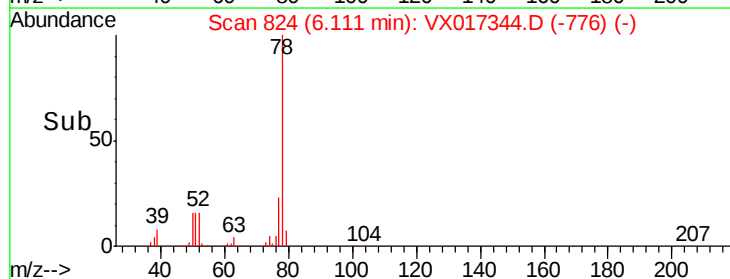
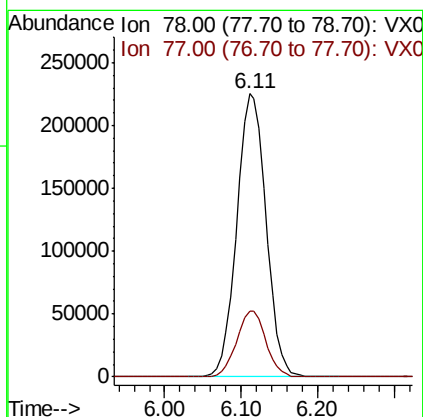
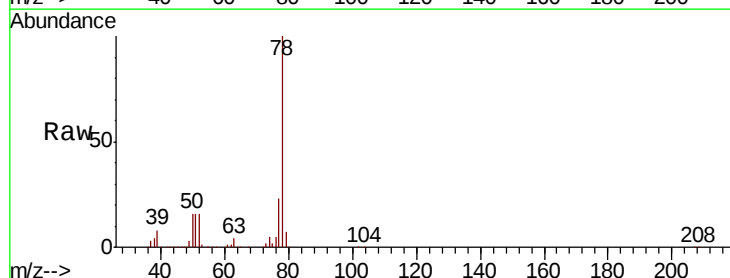
Instrument :
MSVOA_X
ClientSampleId :

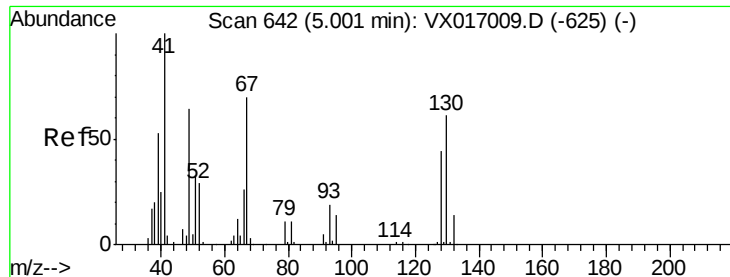
Tot Ion: 83 Resp: 213941
Ion Ratio Lower Upper
83 100
55 78.4 62.5 93.7
98 50.3 40.1 60.1



#40
Benzene
Concen: 50.350 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

Tgt Ion: 78 Resp: 597023
Ion Ratio Lower Upper
78 100
77 23.3 18.3 27.5

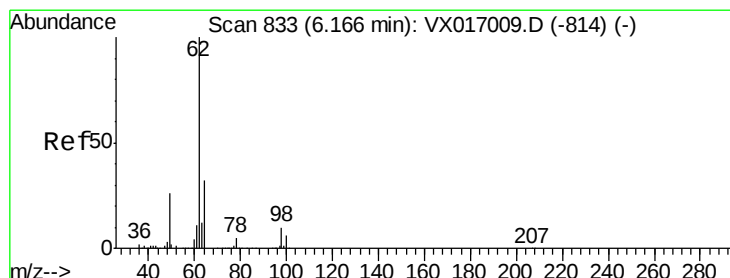
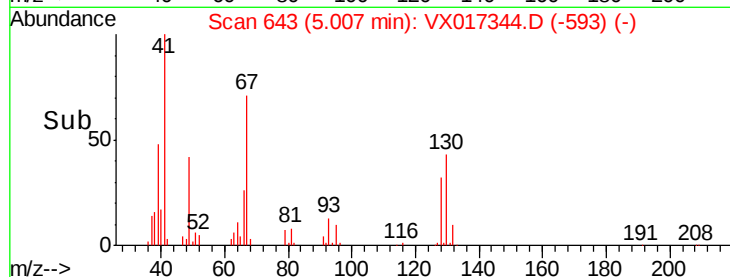
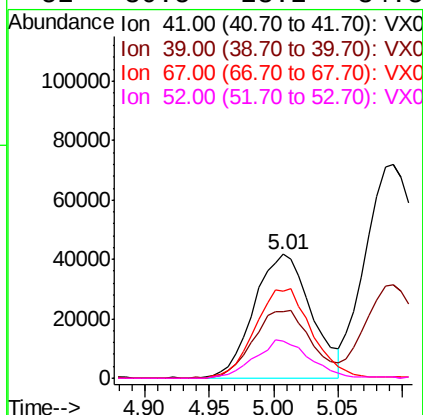
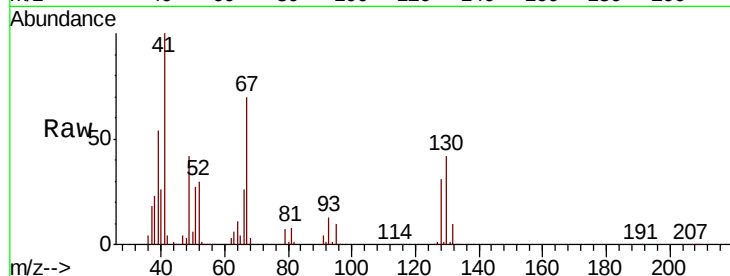




#41
Methacrylonitrile
Concen: 55.738 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

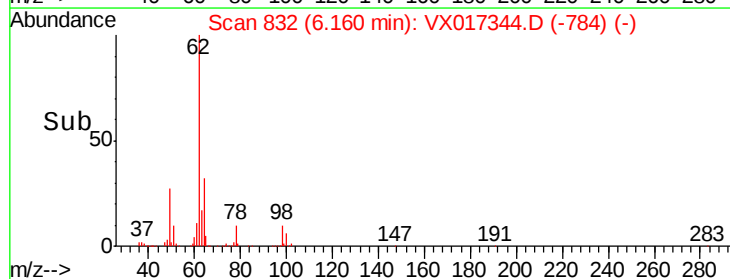
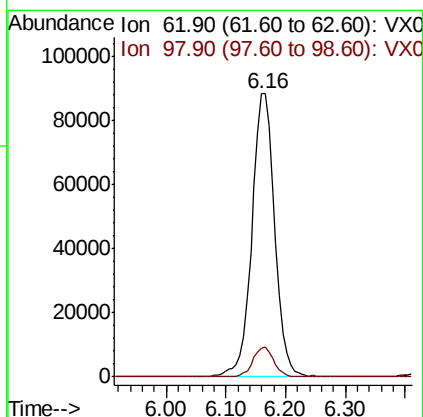
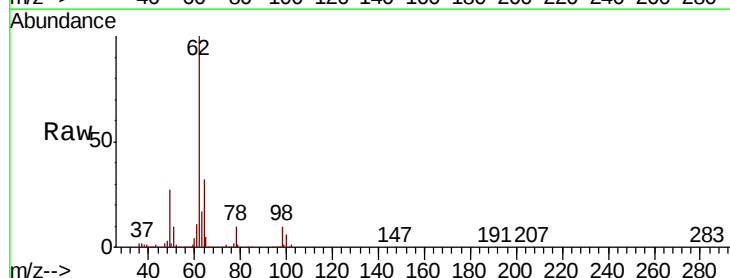
Instrument :
MSVOA_X
ClientSampled :

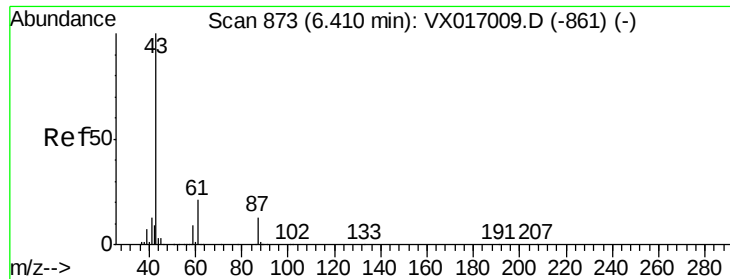
Tot Ion: 41 Resp: 128451
Ion Ratio Lower Upper
41 100
39 55.2 44.4 66.6
67 72.3 57.1 85.7
52 30.5 23.2 34.8



#42
1,2-Dichloroethane
Concen: 54.693 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

Tgt Ion: 62 Resp: 234252
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.2



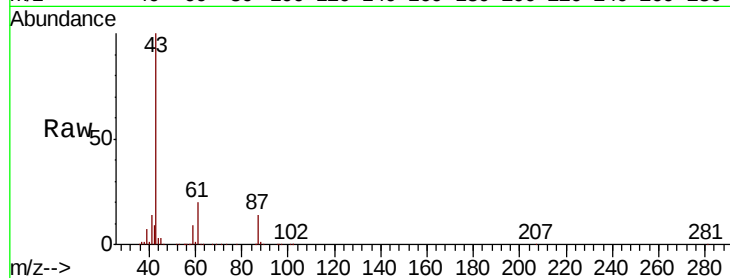


#43

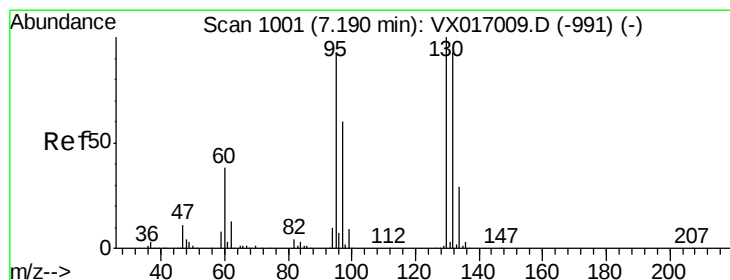
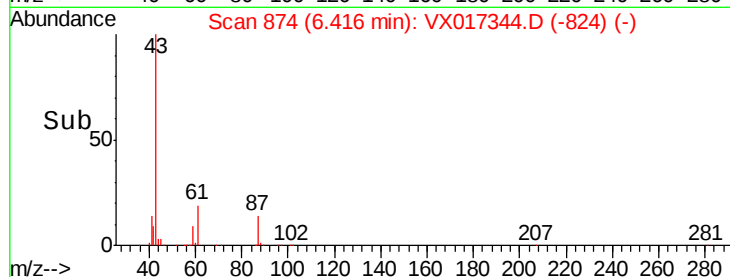
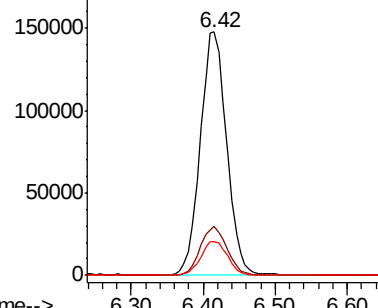
Isopropyl Acetate
 Concen: 55.284 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.2	24.2
87	14.2	10.7	16.1



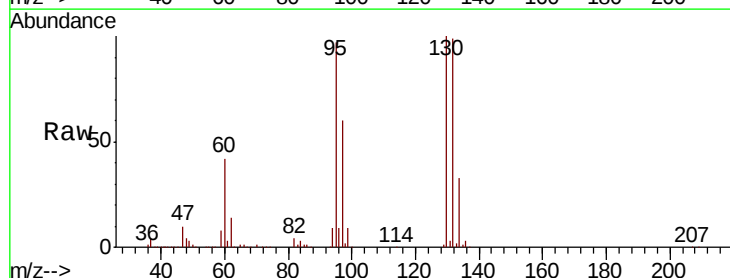
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



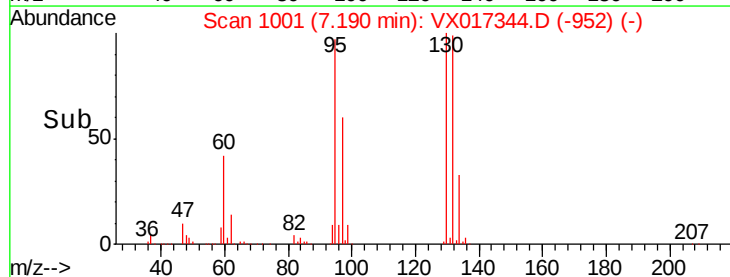
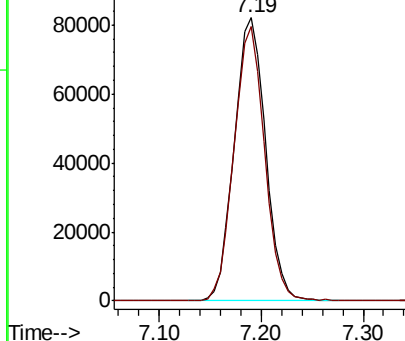
#44

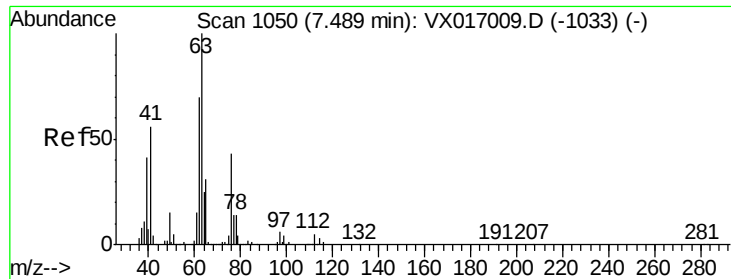
Trichloroethene
 Concen: 53.385 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	185.0



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

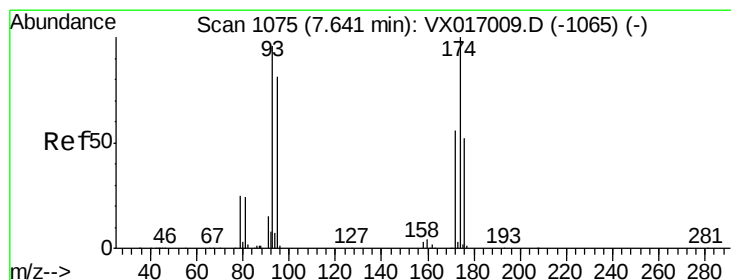
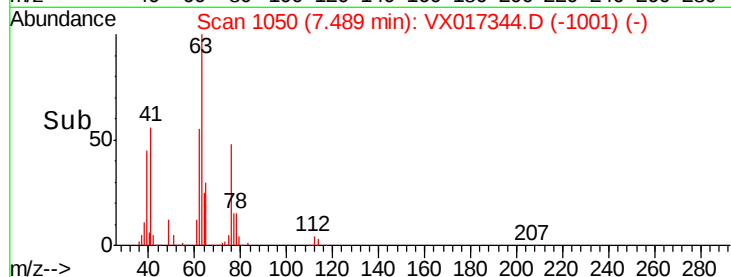
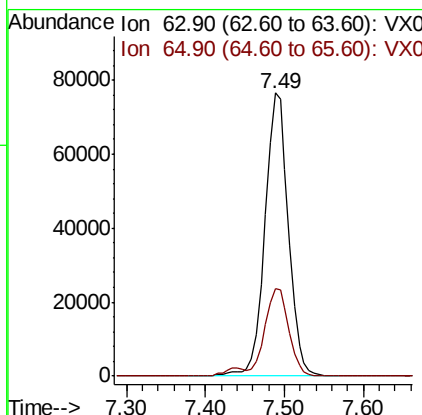
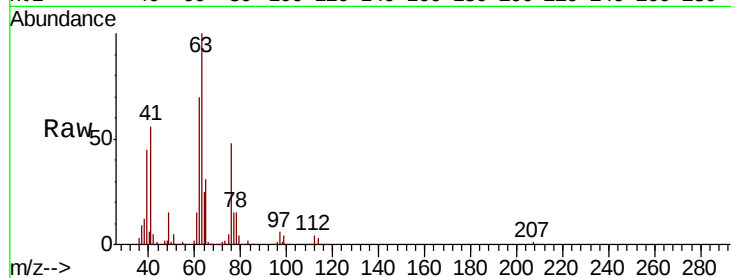




#45
 1,2-Dichloropropane
 Concen: 51.769 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

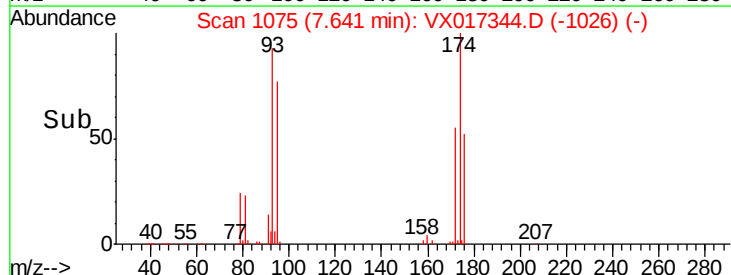
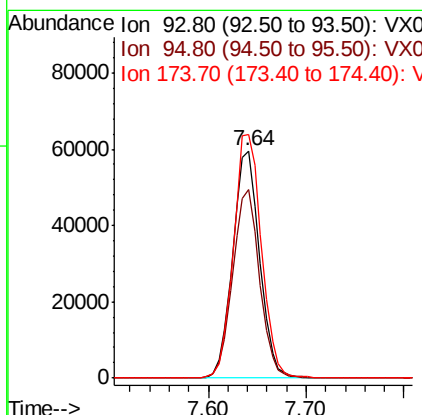
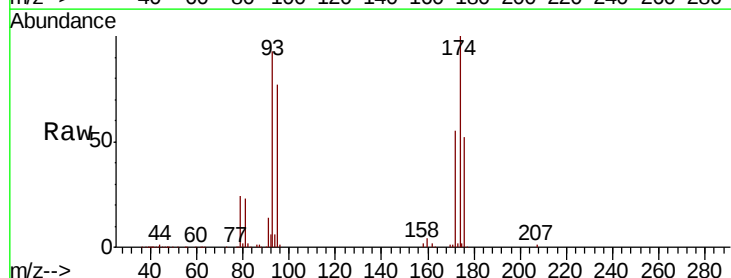
Instrument :
 MSVOA_X
 ClientSampleId :

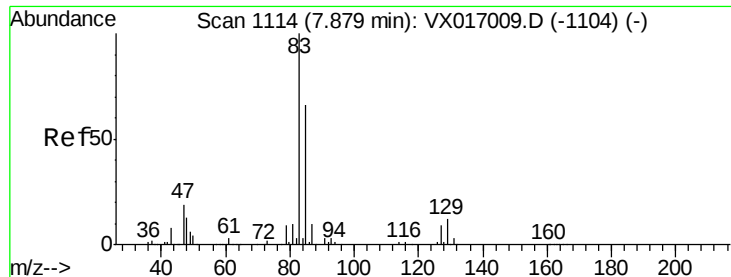
Tot Ion: 63 Resp: 157663
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.6 36.8



#46
 Dibromomethane
 Concen: 54.840 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

Tgt Ion: 93 Resp: 114025
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.4 101.0
 174 111.6 84.3 126.5





#47

Bromodichloromethane

Concen: 56.011 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

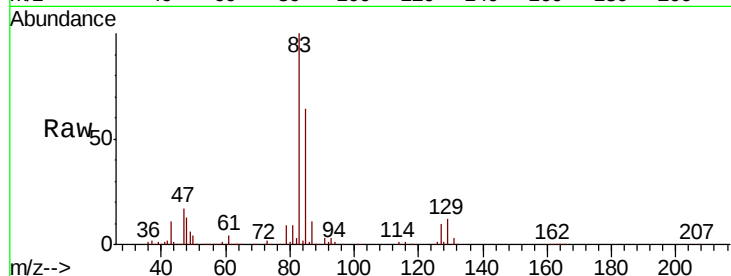
Tot Ion: 83 Resp: 240001

Ion Ratio Lower Upper

83 100

85 64.0 53.0 79.4

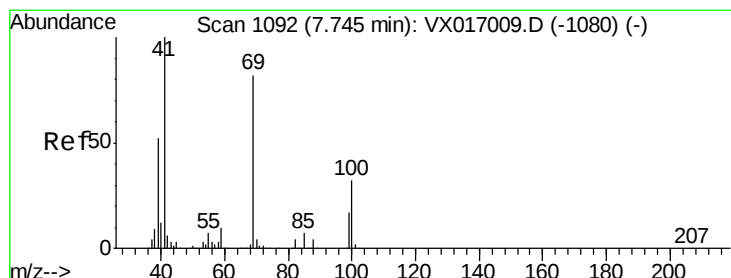
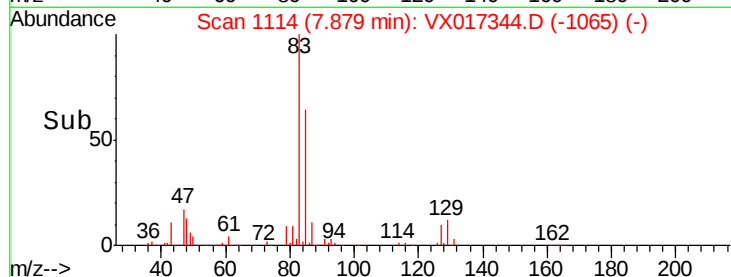
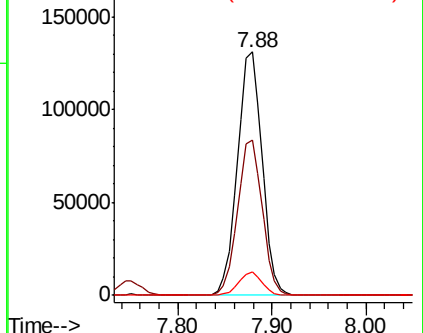
127 9.6 7.5 11.3



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: 58.917 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

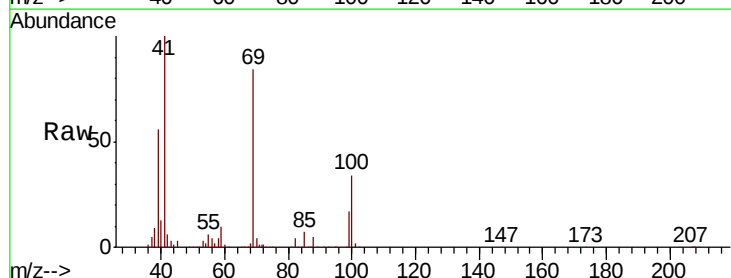
Tgt Ion: 41 Resp: 190456

Ion Ratio Lower Upper

41 100

69 83.1 65.8 98.8

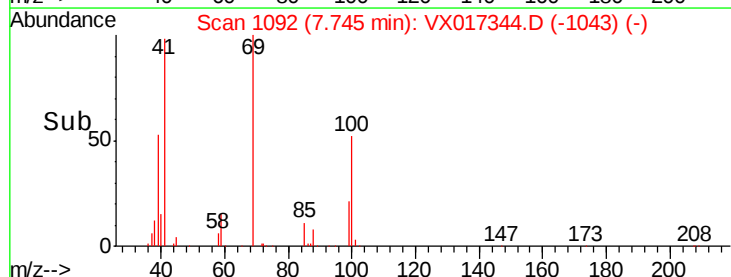
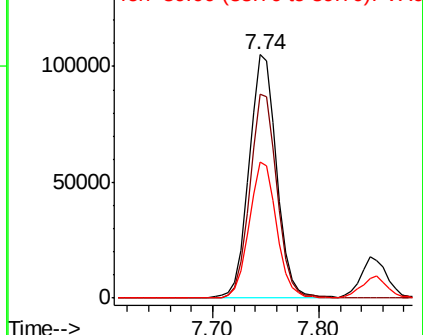
39 55.7 42.5 63.7

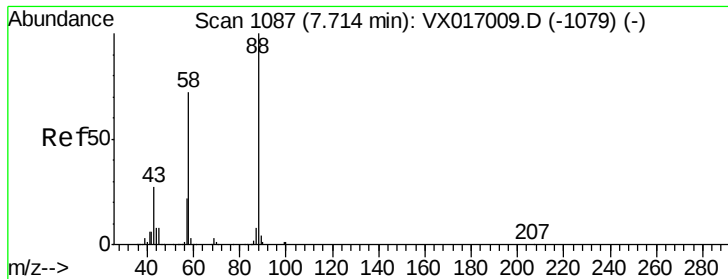


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

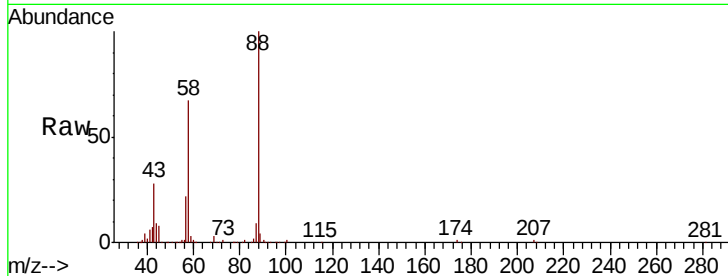




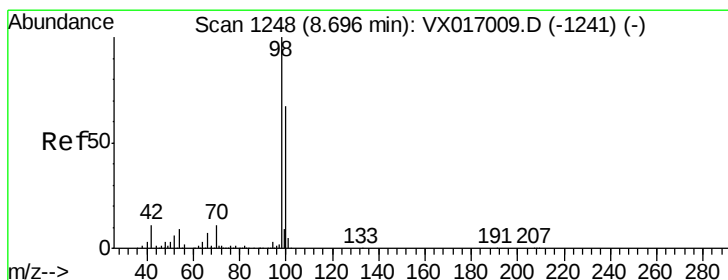
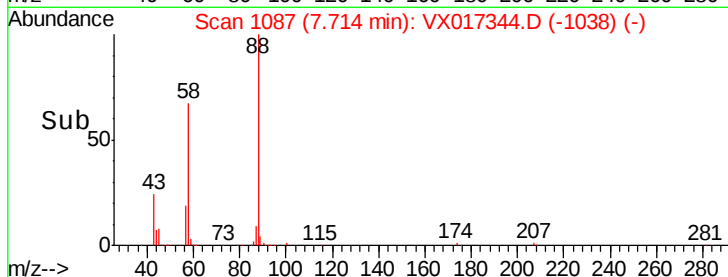
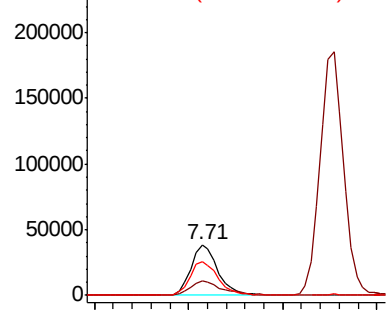
#49
1,4-Dioxane
Concen: 1032.503 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 75614
Ion Ratio Lower Upper
88 100
43 33.8 25.8 38.8
58 70.6 54.8 82.2

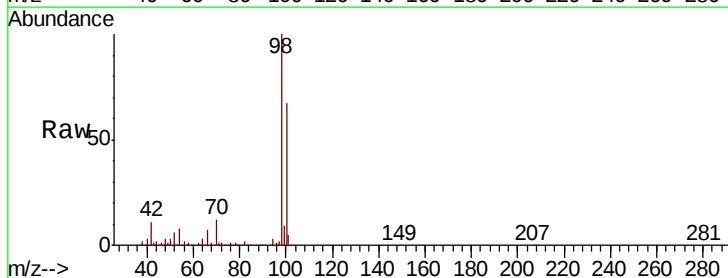


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

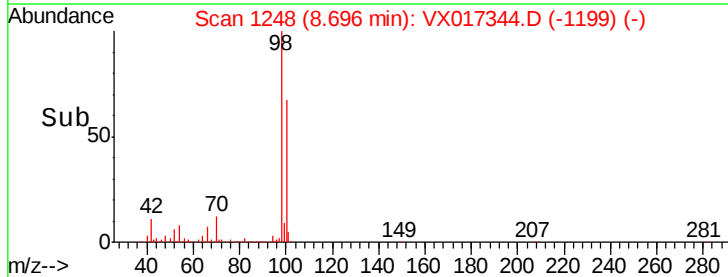
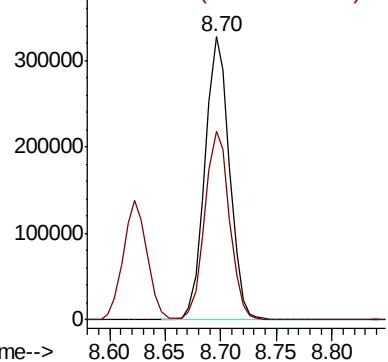


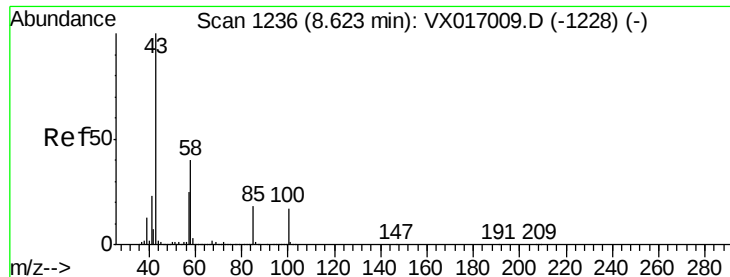
#50
Toluene-d8
Concen: 50.066 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

Tgt Ion: 98 Resp: 500061
Ion Ratio Lower Upper
98 100
100 67.6 53.8 80.6



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





#51

4-Methyl-2-Pentanone

Concen: 299.846 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Instrument :

MSVOA_X

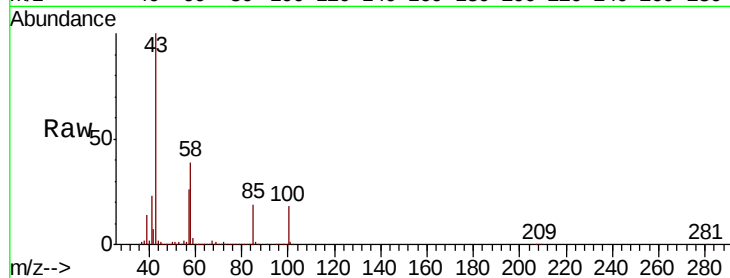
ClientSampleId :

Tot Ion: 43 Resp: 1216152

Ion Ratio Lower Upper

43 100

58 39.5 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VX017009.D (-1228) (-)

Ion 58.00 (57.70 to 58.70): VX017009.D (-1228) (-)

8.62

800000

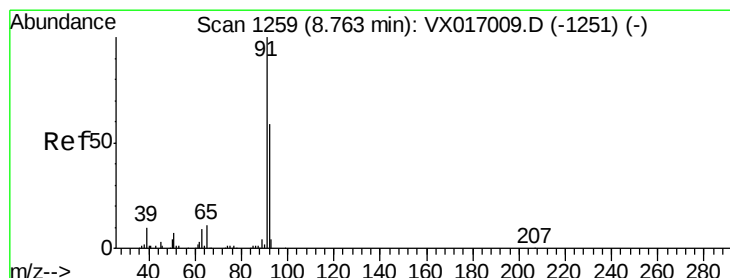
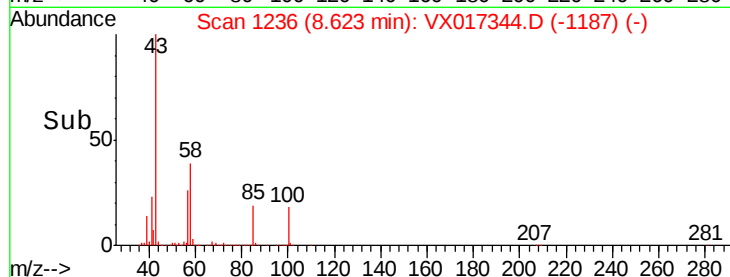
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 53.238 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017344.D

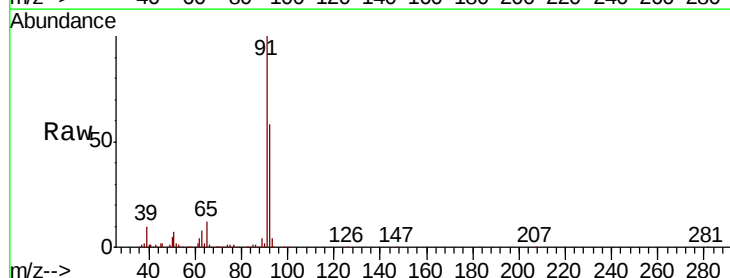
Acq: 10 Jul 2020 18:35

Tgt Ion: 92 Resp: 394130

Ion Ratio Lower Upper

92 100

91 168.9 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX017009.D (-1251) (-)

Ion 91.00 (90.70 to 91.70): VX017009.D (-1251) (-)

8.76

500000

400000

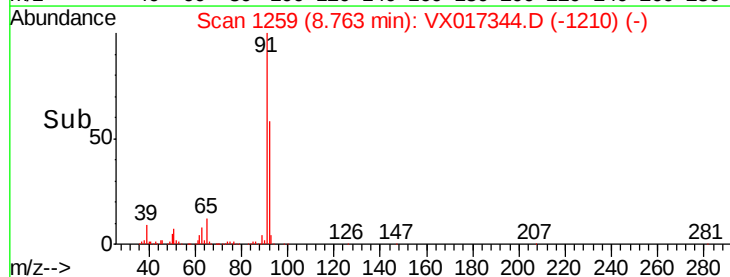
300000

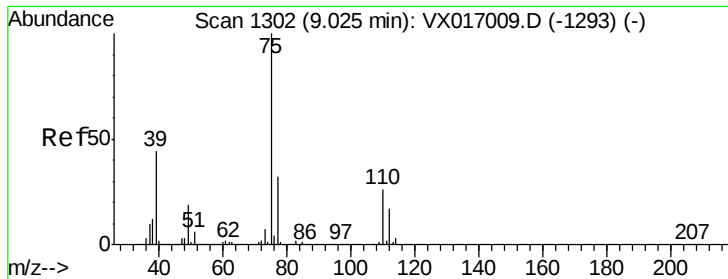
200000

100000

0

Time-->

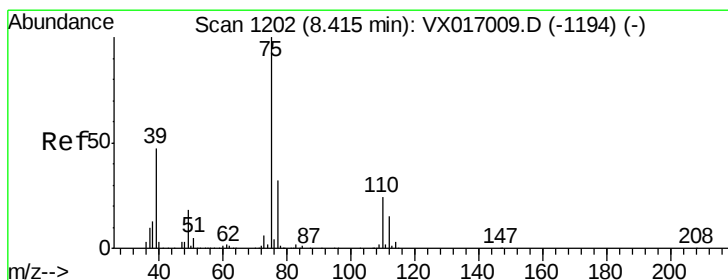
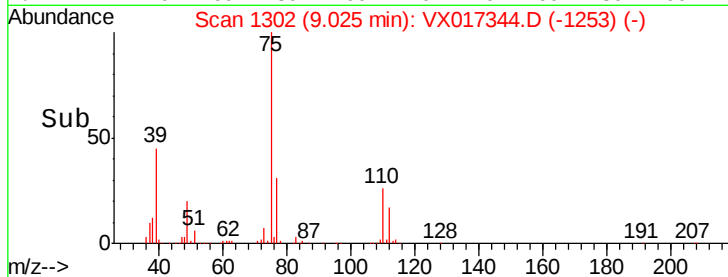
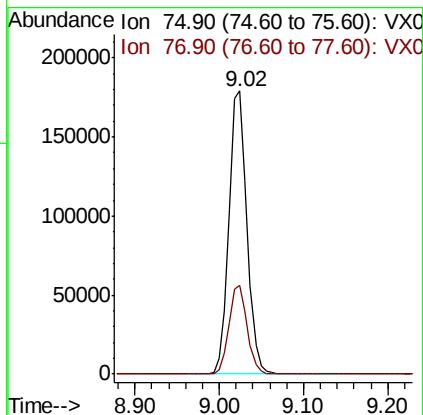
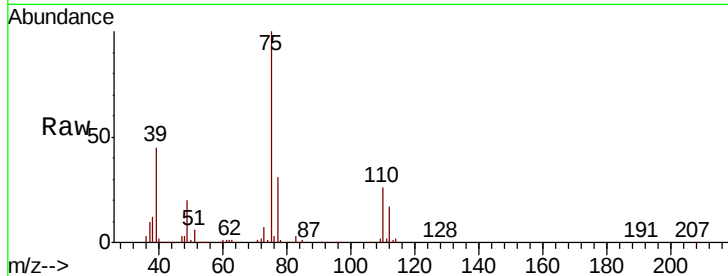




#53
 t-1,3-Dichloropropene
 Concen: 55.497 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

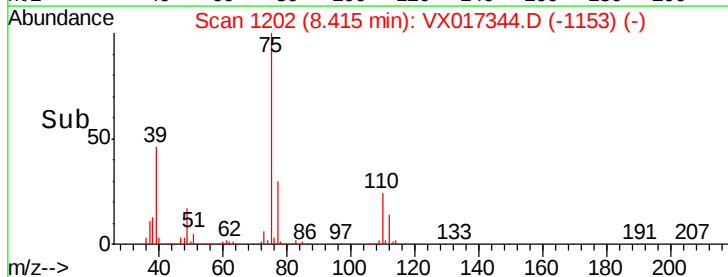
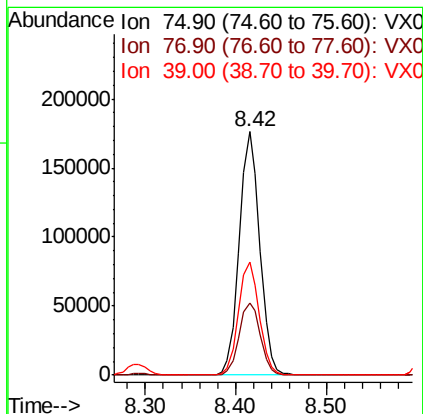
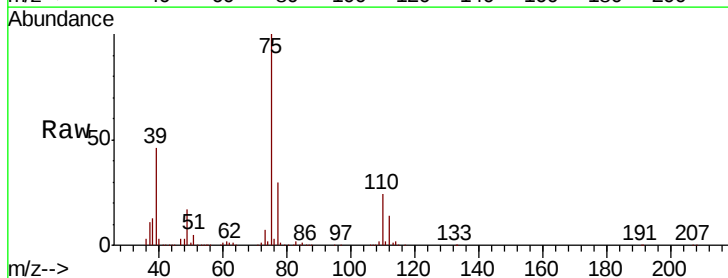
Instrument :
 MSVOA_X
 ClientSampleId :

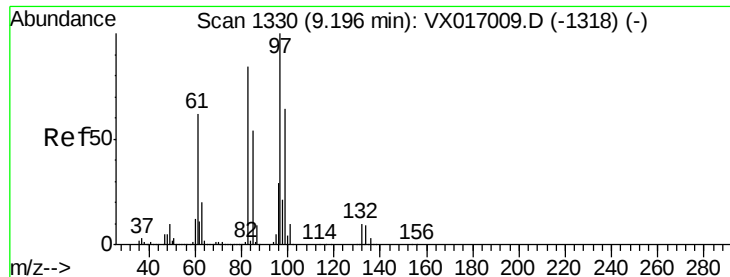
Tot Ion: 75 Resp: 262376
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 54.445 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

Tgt Ion: 75 Resp: 275928
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.2 37.8
 39 46.1 37.4 56.2





#55

1,1,2-Trichloroethane

Concen: 57.159 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

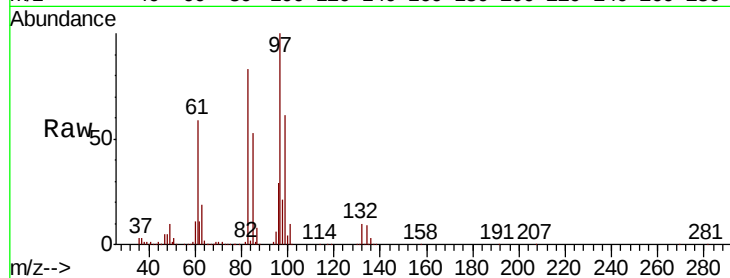
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 172889

Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.0	100.6
85	52.8	43.5	65.3
99	61.5	51.0	76.6

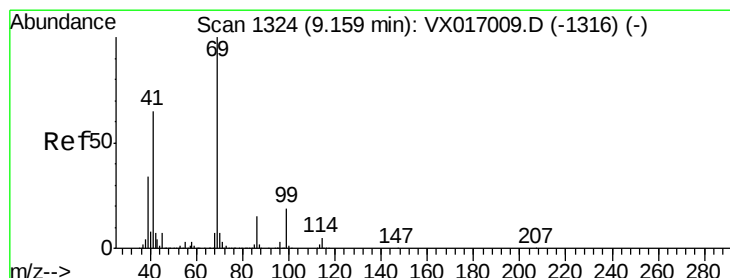
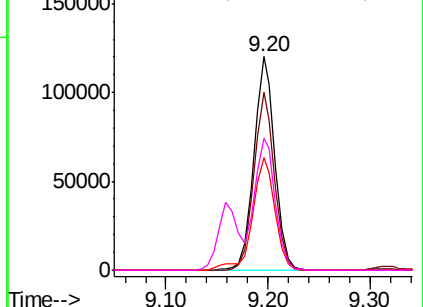
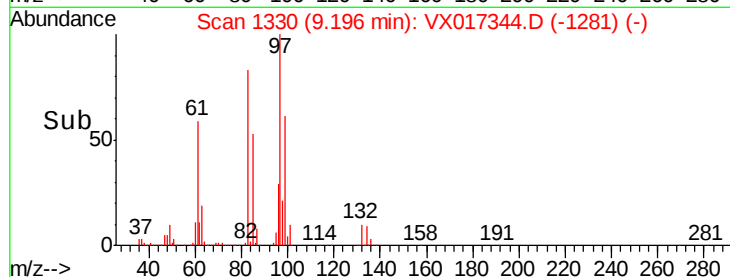


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 60.393 ug/l

RT: 9.16 min Scan# 1324

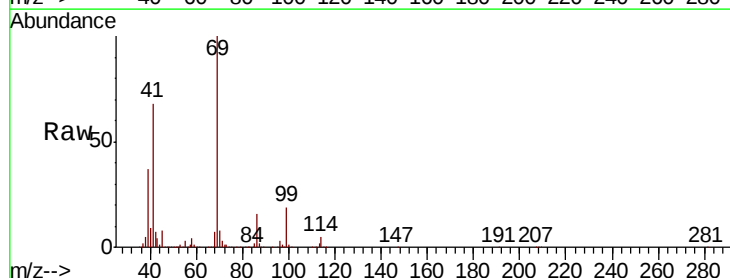
Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Tgt Ion: 69 Resp: 260003

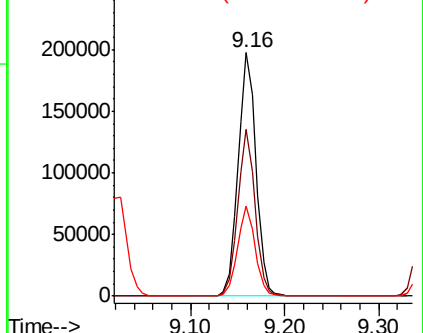
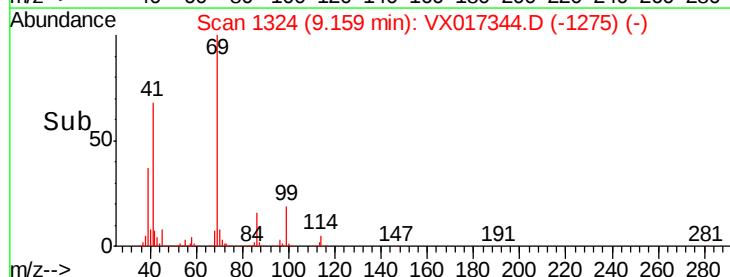
Ion	Ratio	Lower	Upper
69	100		
41	66.2	53.6	80.4
39	36.4	28.2	42.2

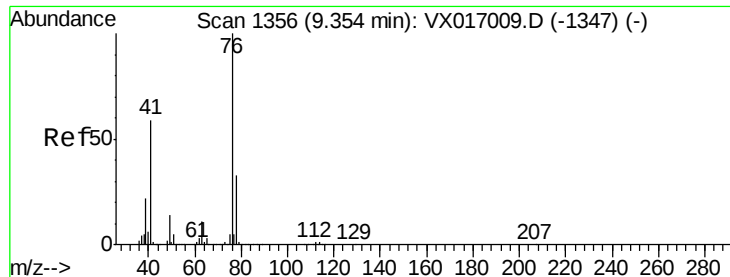


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 55.032 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Instrument :

MSVOA_X

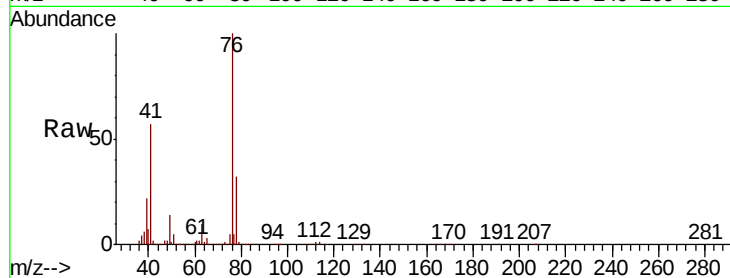
ClientSampleId :

Tot Ion: 76 Resp: 281659

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

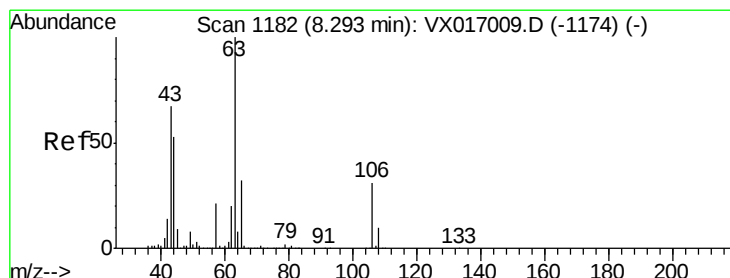
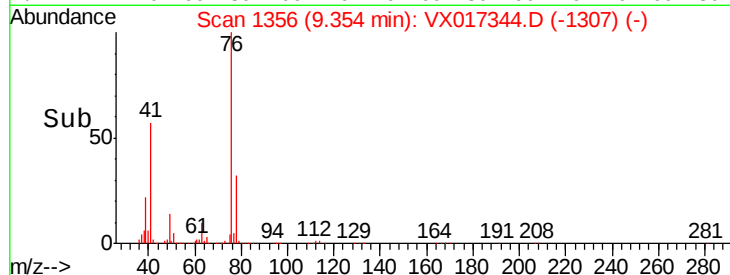
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 275.921 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017344.D

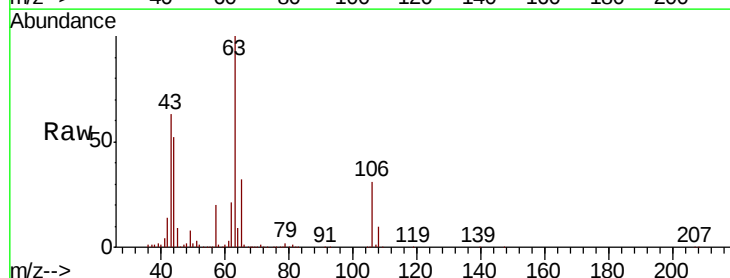
Acq: 10 Jul 2020 18:35

Tgt Ion: 63 Resp: 591199

Ion Ratio Lower Upper

63 100

106 30.4 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

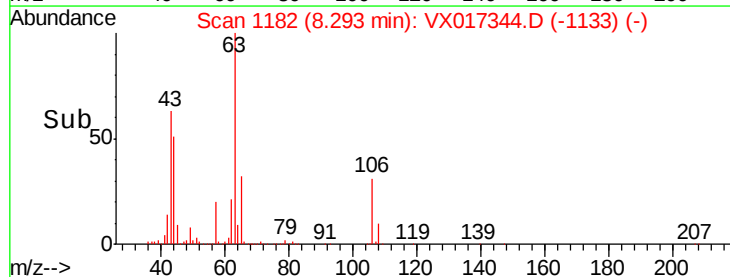
300000

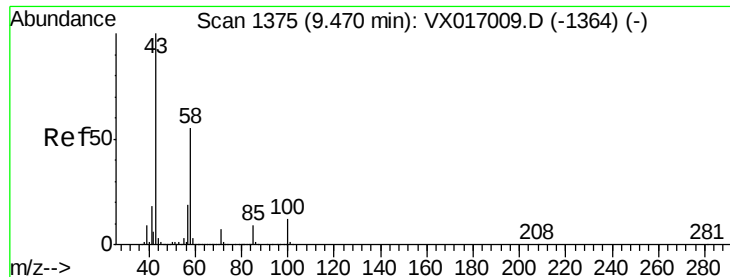
200000

100000

0

Time-->

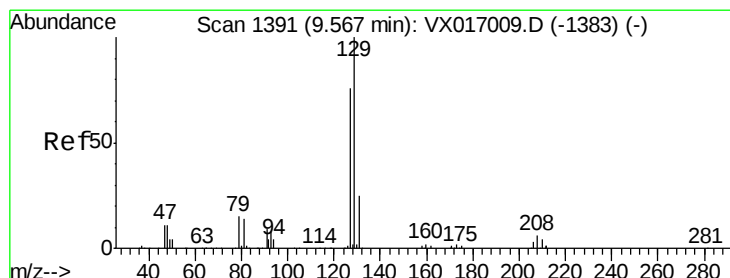
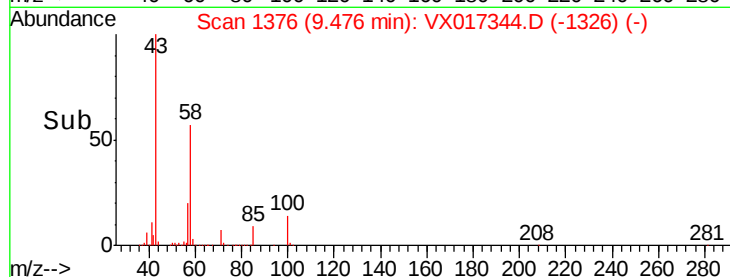
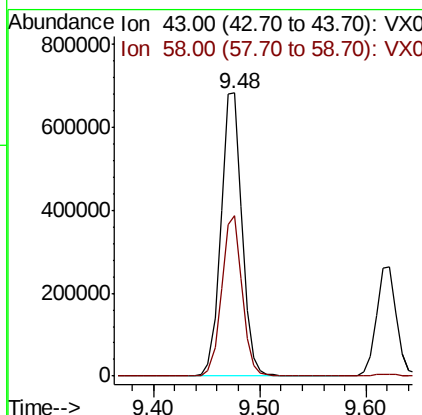
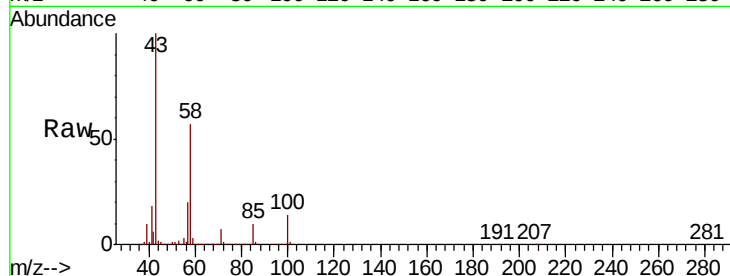




#59
2-Hexanone
Concen: 317.990 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

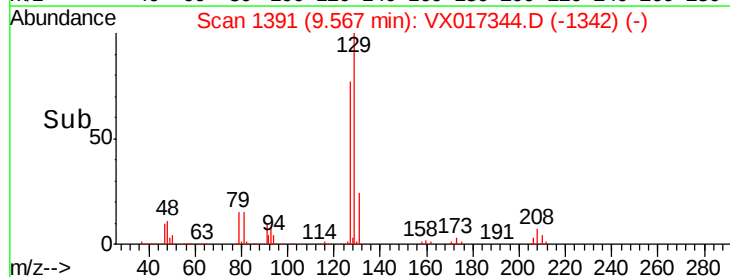
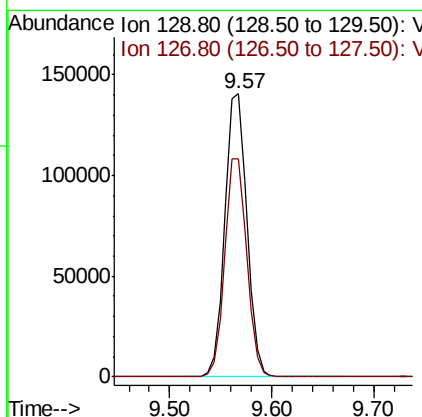
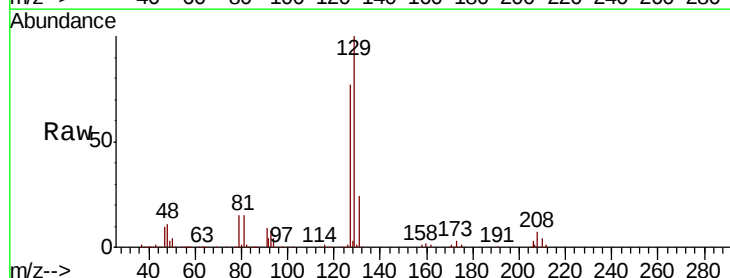
Instrument :
MSVOA_X
ClientSampleId :

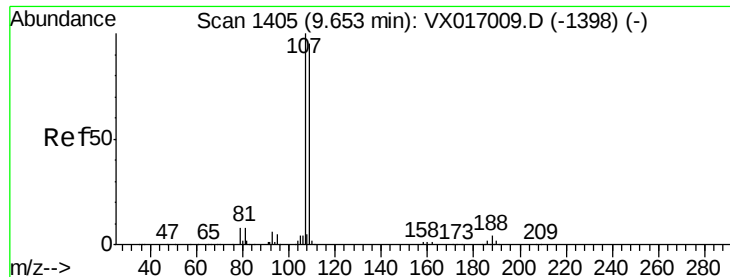
Tot Ion: 43 Resp: 941942
Ion Ratio Lower Upper
43 100
58 55.1 27.9 83.6



#60
Dibromochloromethane
Concen: 59.722 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

Tgt Ion: 129 Resp: 209809
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 56.865 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Instrument :

MSVOA_X

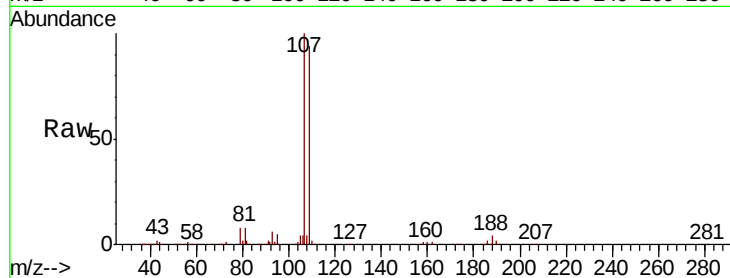
ClientSampleId :

Tot Ion:107 Resp: 184883

Ion Ratio Lower Upper

107 100

109 94.7 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

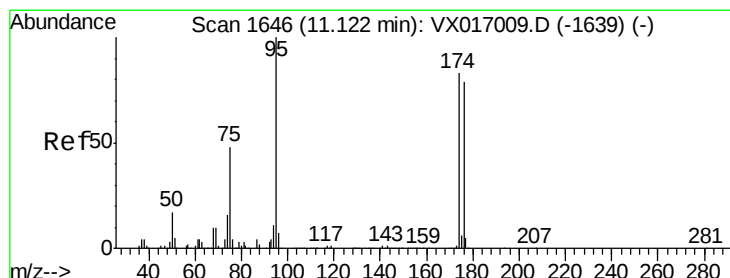
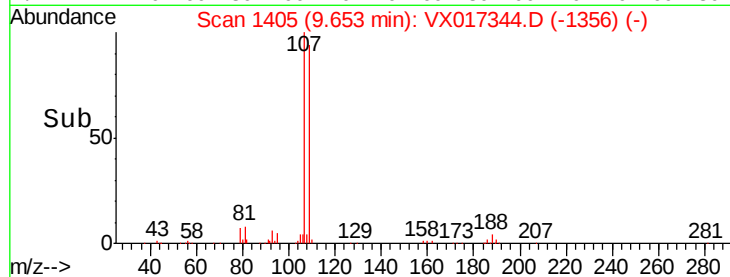
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.367 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

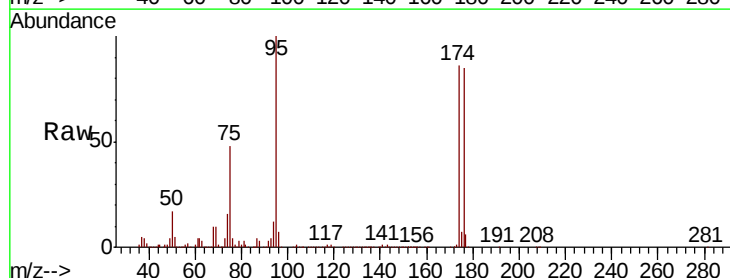
Tgt Ion: 95 Resp: 212272

Ion Ratio Lower Upper

95 100

174 85.7 0.0 164.0

176 83.5 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

11.12

200000

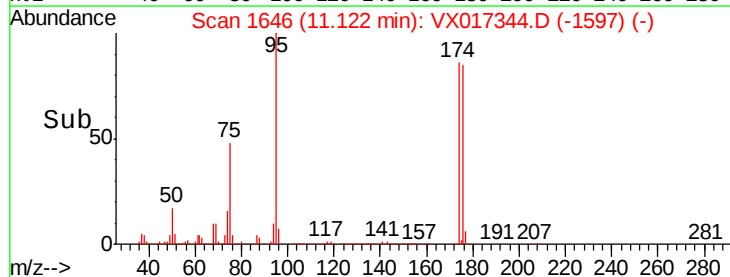
150000

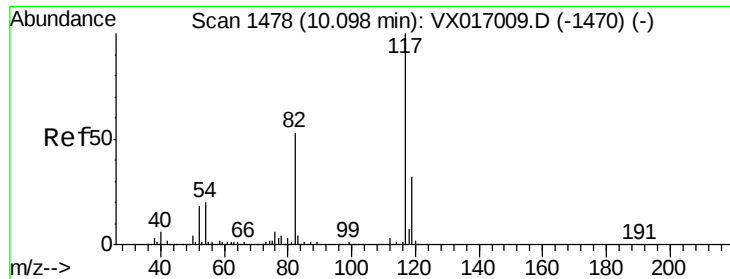
100000

50000

0

Time-->

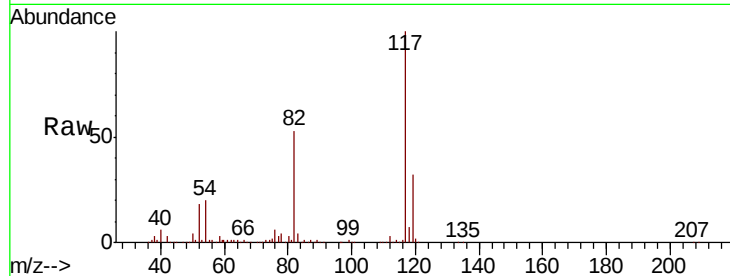




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.6	63.8
119	32.5	25.4	38.2

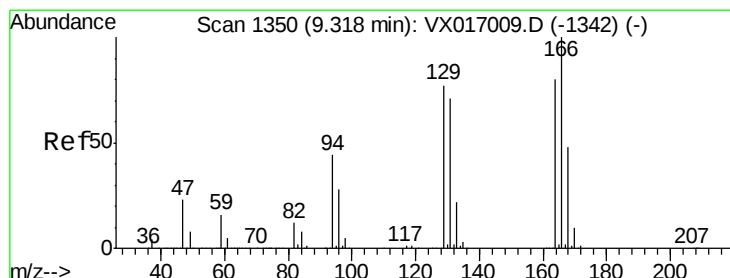
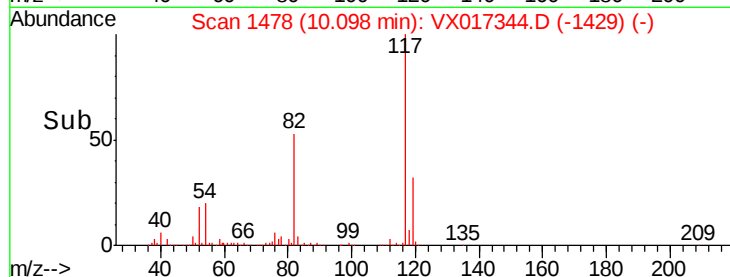
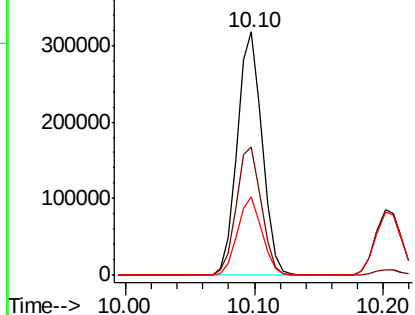


Abundance

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: 48.743 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	99.4	149.0
129	99.1	76.3	114.5
131	92.0	70.6	105.8

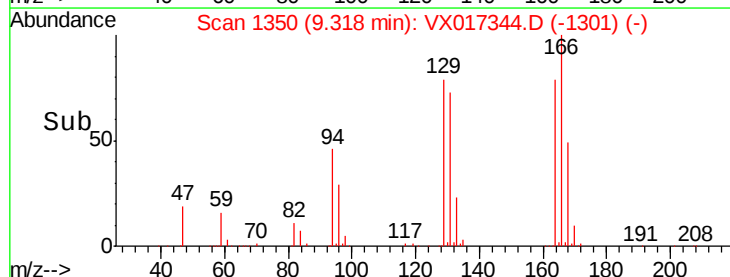
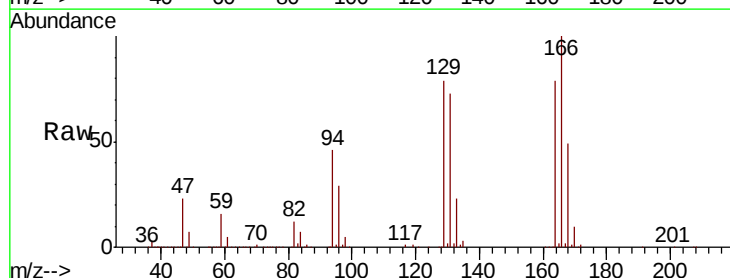
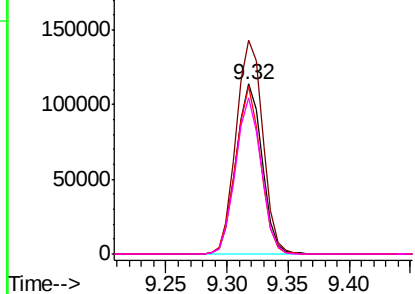
Abundance

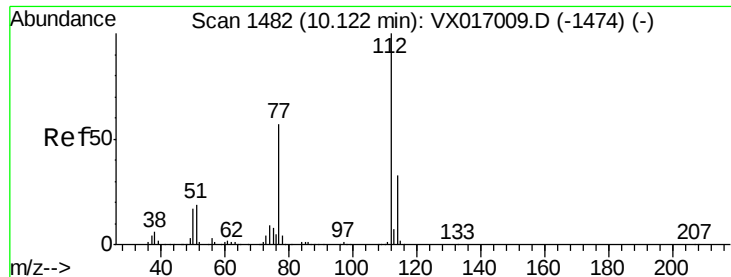
Ion 163.80 (163.50 to 164.50): V

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

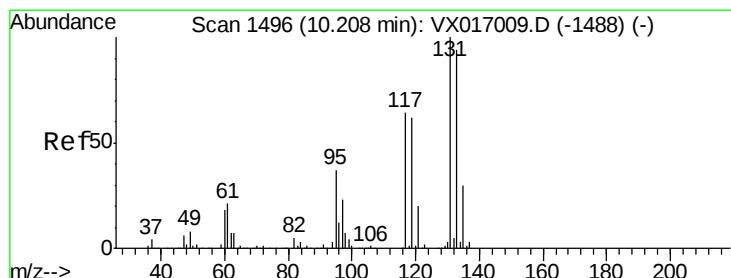
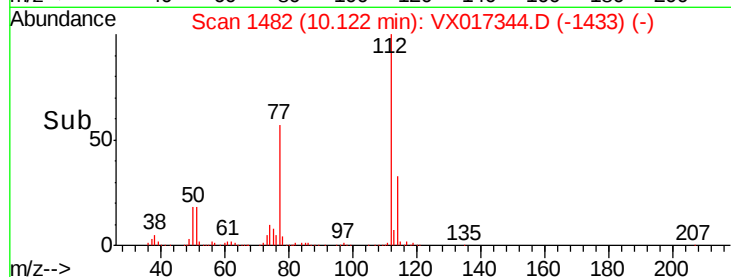
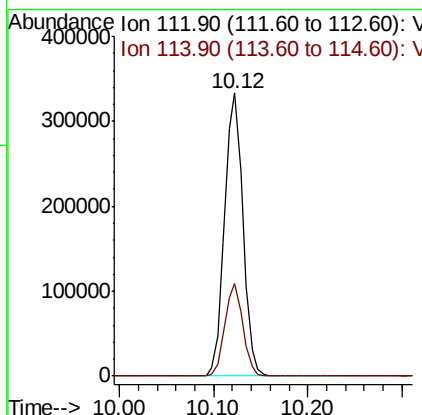
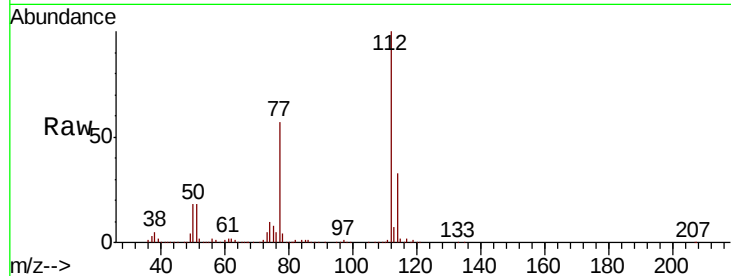




#65
Chlorobenzene
Concen: 51.315 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

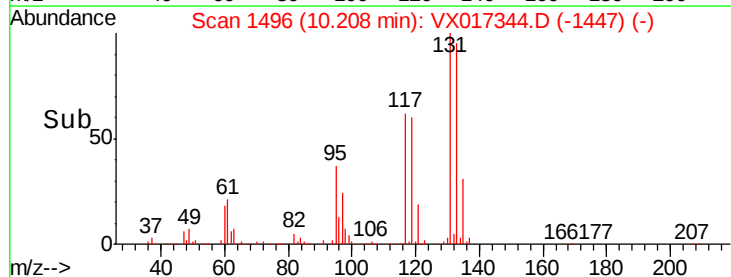
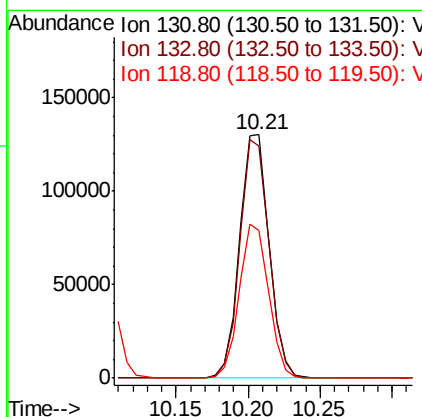
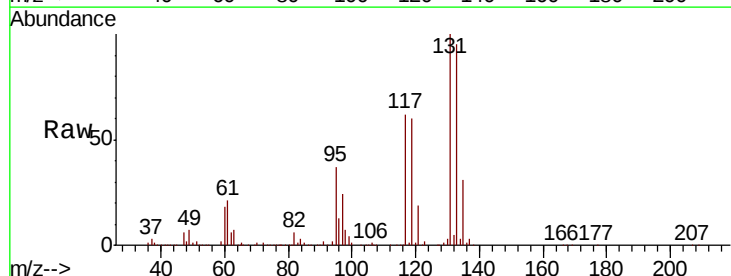
Instrument :
MSVOA_X
ClientSampled :

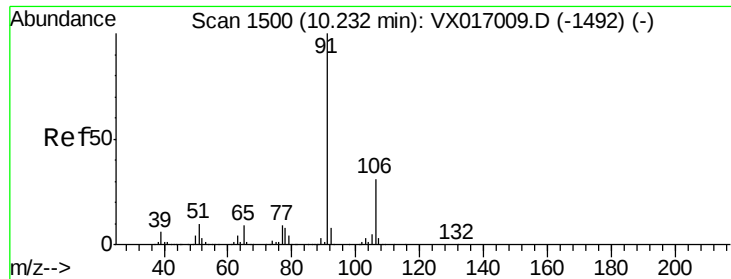
Tot Ion:112 Resp: 450525
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.698 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

Tgt Ion:131 Resp: 185076
Ion Ratio Lower Upper
131 100
133 97.1 47.3 141.9
119 63.2 31.9 95.5

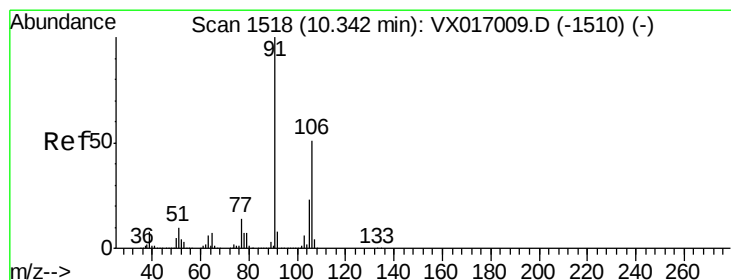
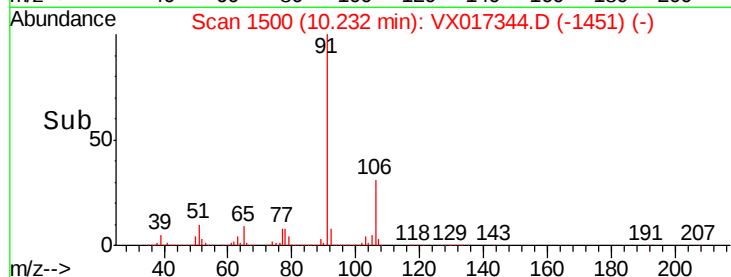
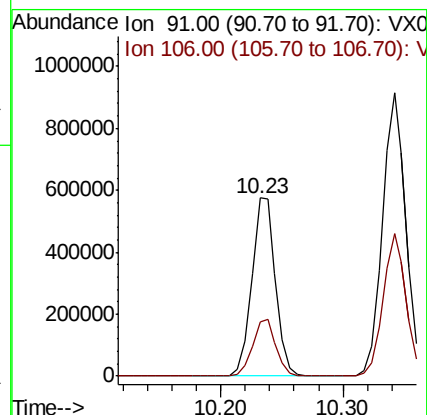
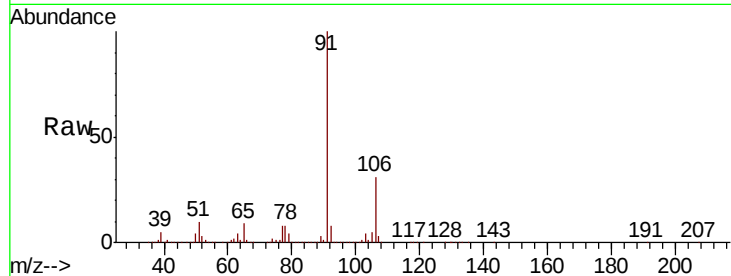




#67
Ethyl Benzene
Concen: 52.751 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

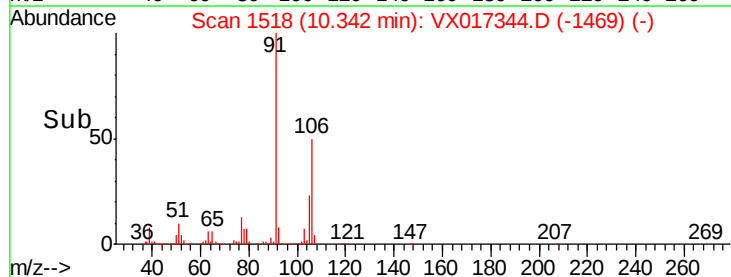
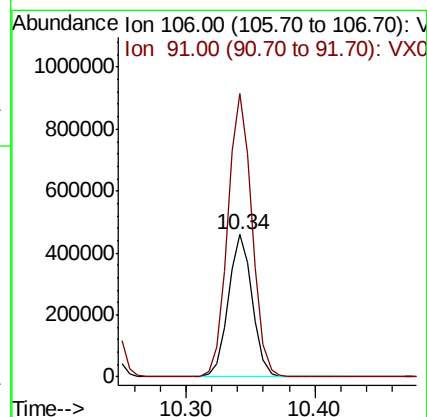
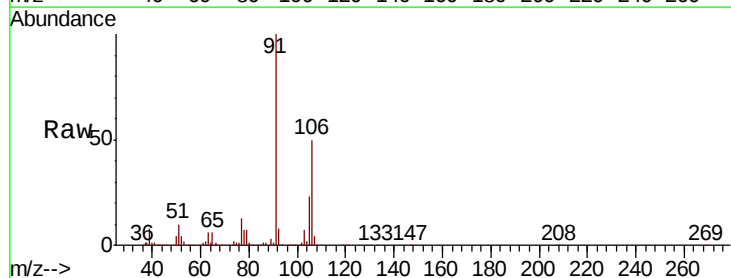
Instrument :
MSVOA_X
ClientSampleId :

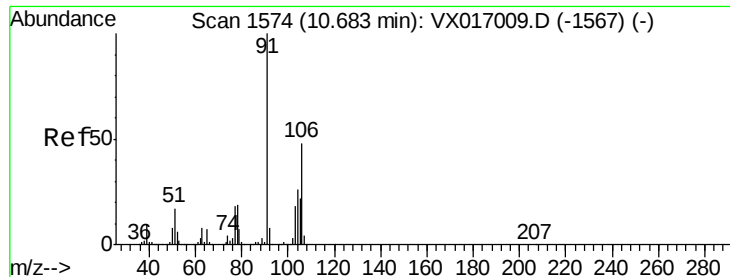
Tot Ion: 91 Resp: 773446
Ion Ratio Lower Upper
91 100
106 30.8 24.7 37.1



#68
m/p-Xylenes
Concen: 106.522 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

Tgt Ion: 106 Resp: 599701
Ion Ratio Lower Upper
106 100
91 201.7 158.6 238.0

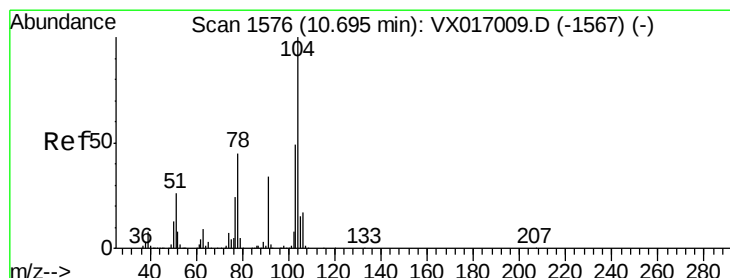
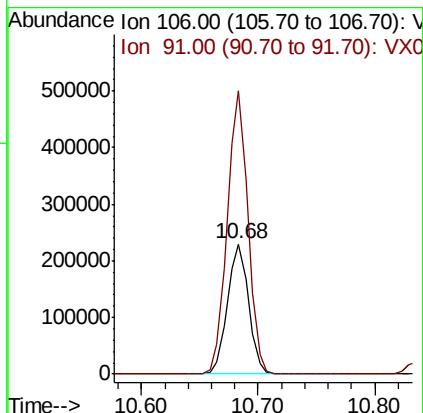
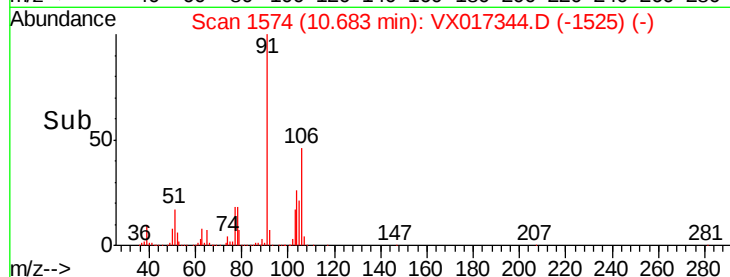
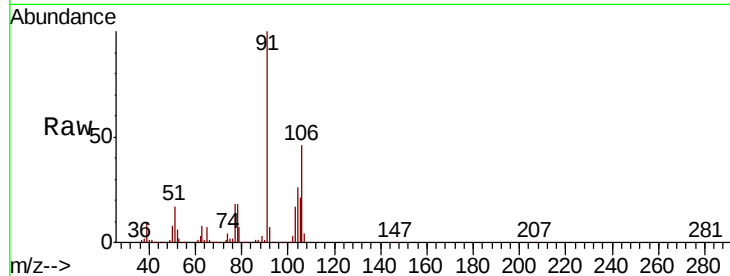




#69
o-Xylene
Concen: 54.013 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

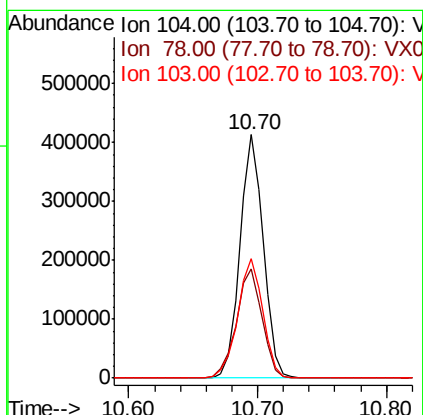
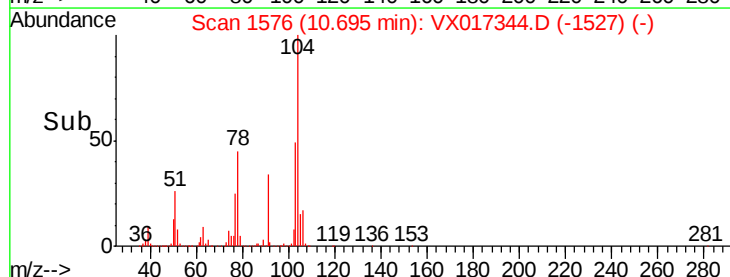
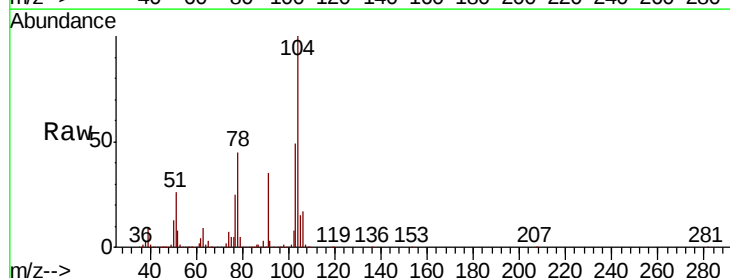
Instrument :
MSVOA_X
ClientSampled :

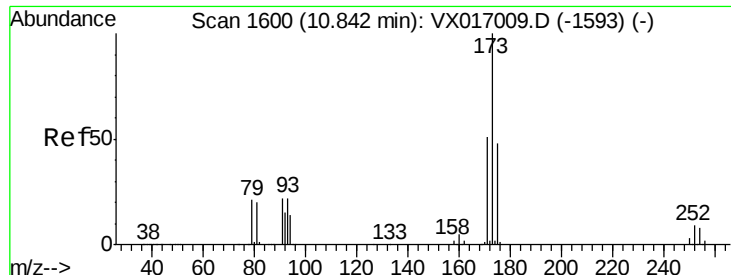
Tot Ion:106 Resp: 289273
Ion Ratio Lower Upper
106 100
91 213.8 105.6 316.7



#70
Styrene
Concen: 56.617 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

Tgt Ion:104 Resp: 516352
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 53.6 43.0 64.6





#71

Bromoform

Concen: 60.878 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

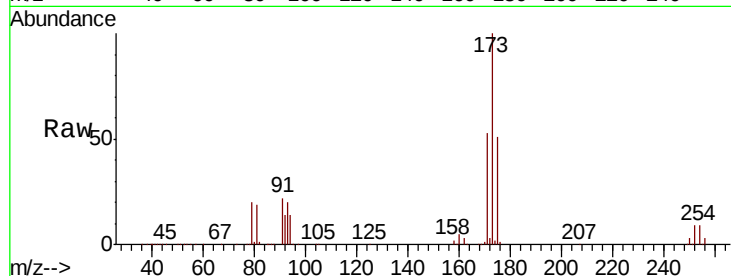
Tot Ion:173 Resp: 163346

Ion Ratio Lower Upper

173 100

175 48.8 24.5 73.5

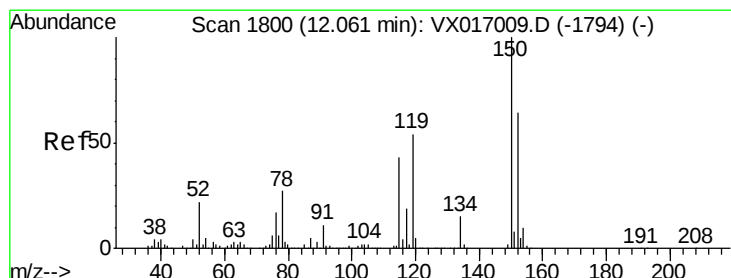
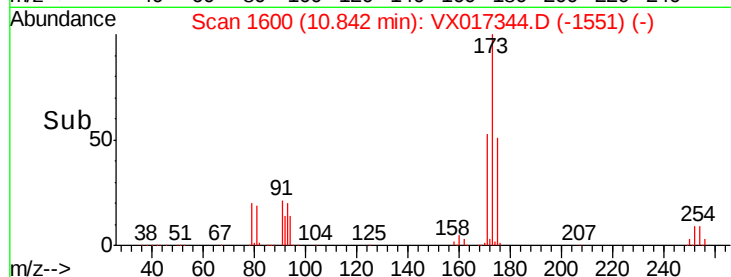
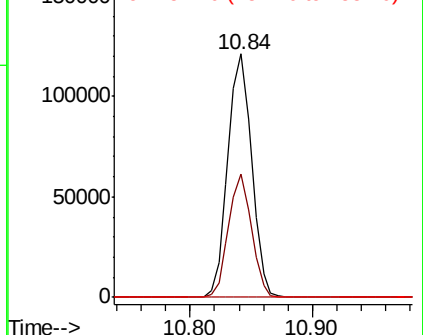
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

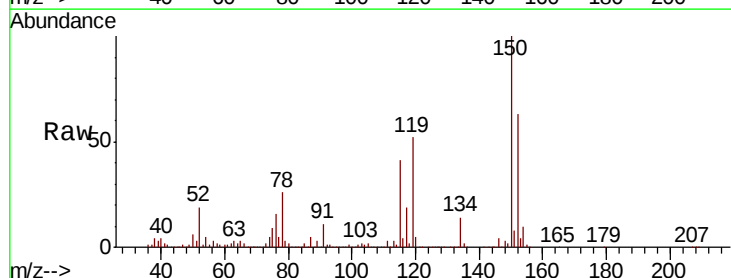
Tgt Ion:152 Resp: 230982

Ion Ratio Lower Upper

152 100

115 80.0 40.9 122.7

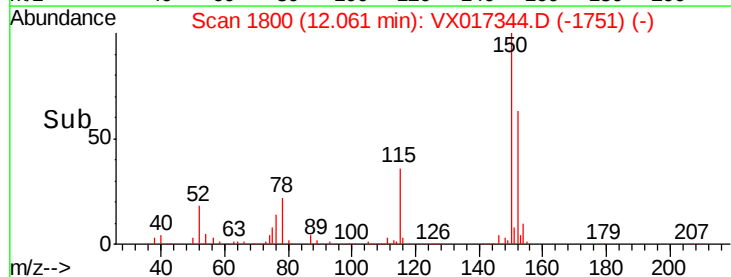
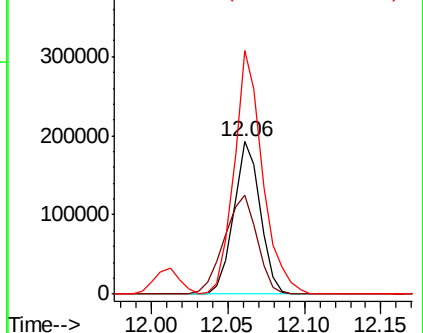
150 171.5 0.0 351.6

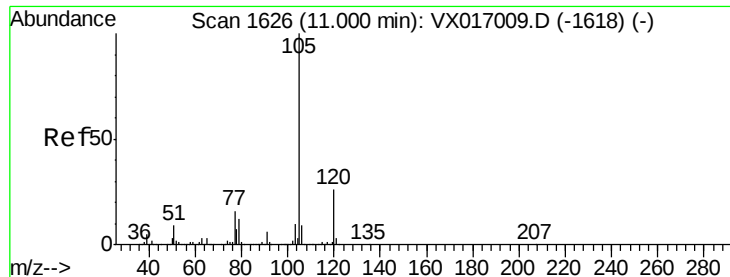


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.669 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Instrument :

MSVOA_X

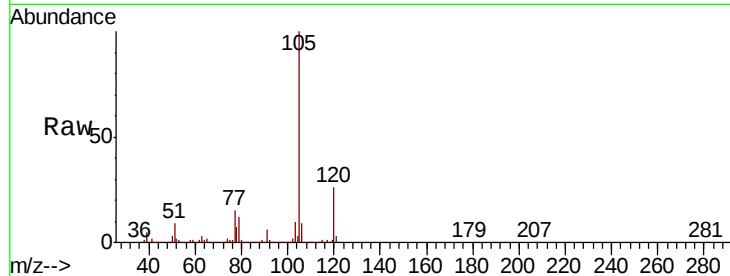
ClientSampleId :

Tot Ion: 105 Resp: 796864

Ion Ratio Lower Upper

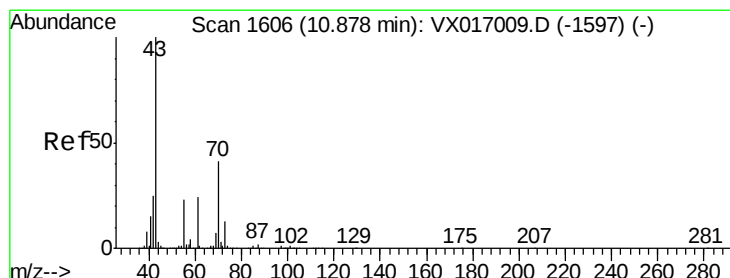
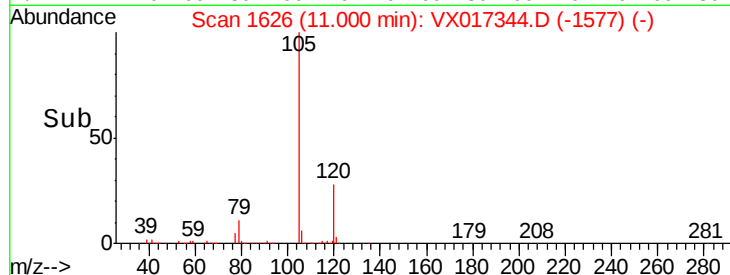
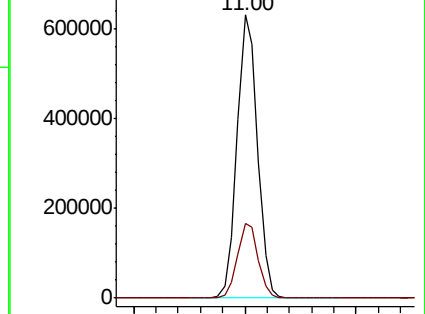
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.593 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Tgt Ion: 43 Resp: 358889

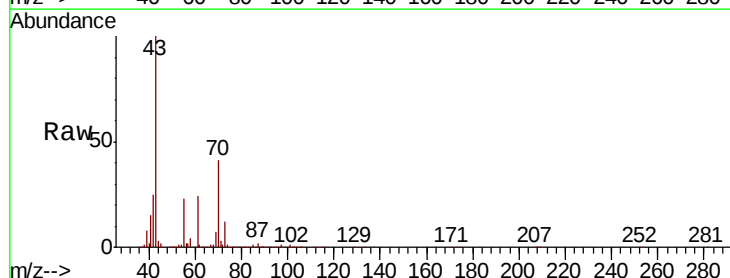
Ion Ratio Lower Upper

43 100

70 43.0 34.2 51.2

55 24.0 19.2 28.8

61 24.5 19.6 29.4

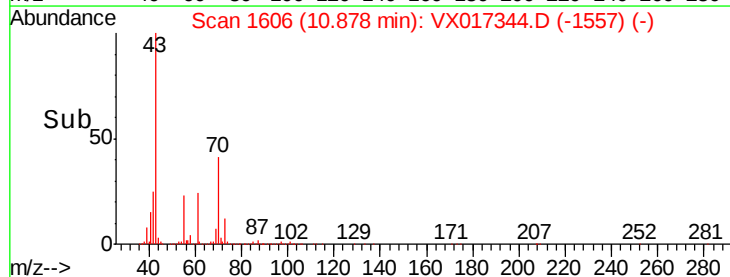
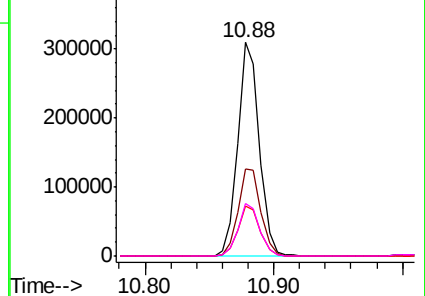


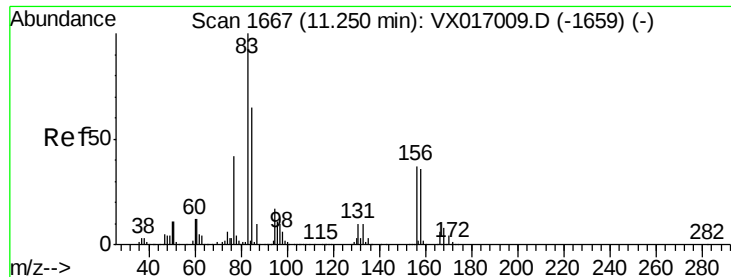
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.749 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

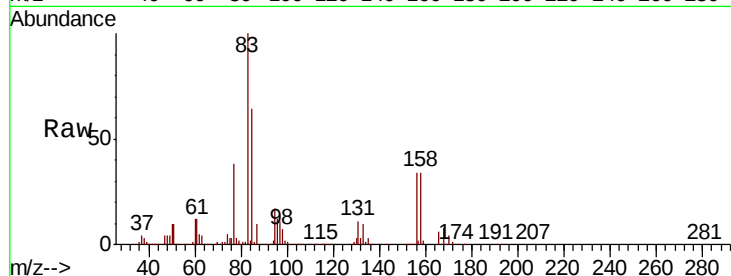
Tot Ion: 83 Resp: 251038

Ion Ratio Lower Upper

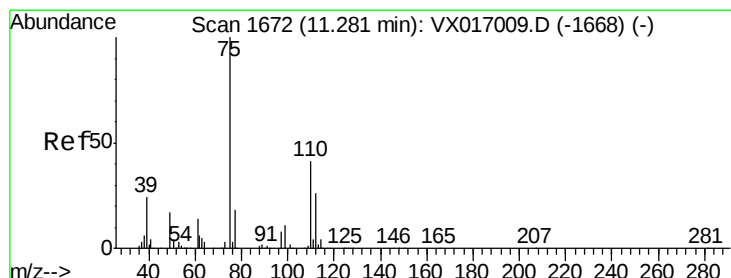
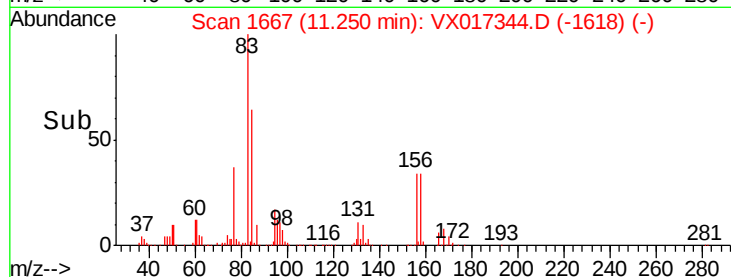
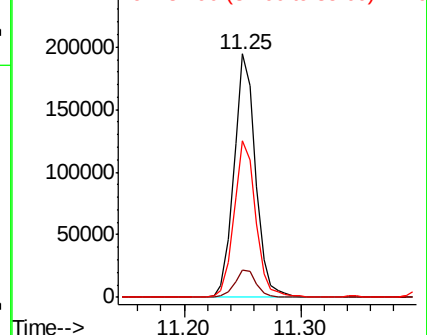
83 100

131 11.2 5.4 16.2

85 64.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 69.224 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017344.D

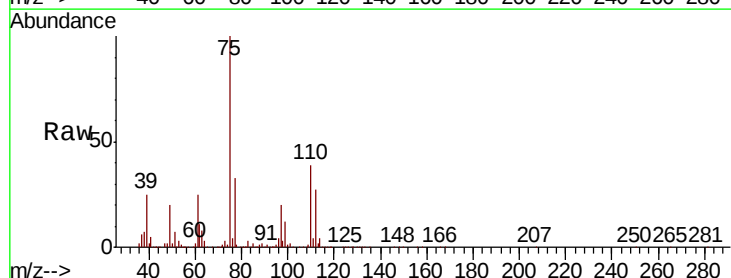
Acq: 10 Jul 2020 18:35

Tgt Ion: 75 Resp: 314423

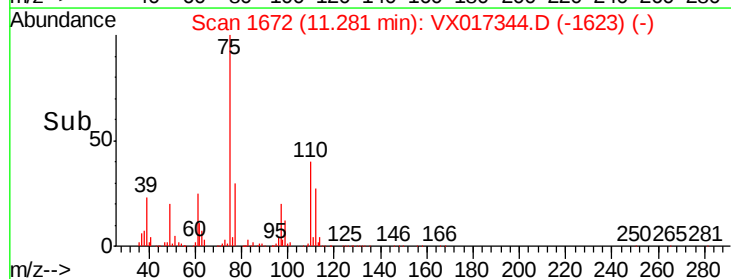
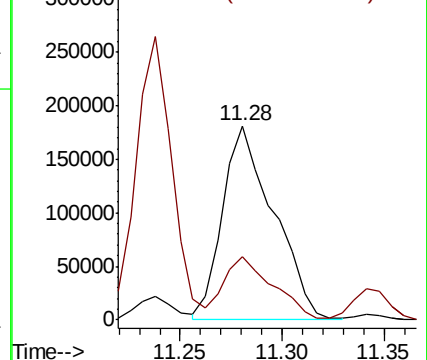
Ion Ratio Lower Upper

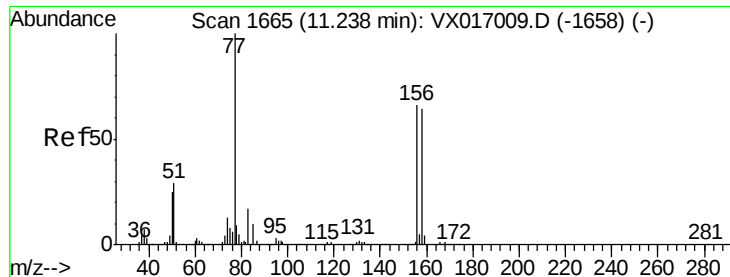
75 100

77 31.4 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.012 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

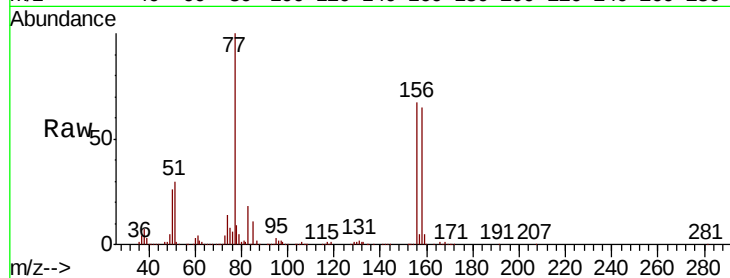
Tot Ion:156 Resp: 216274

Ion Ratio Lower Upper

156 100

77 149.4 76.9 230.7

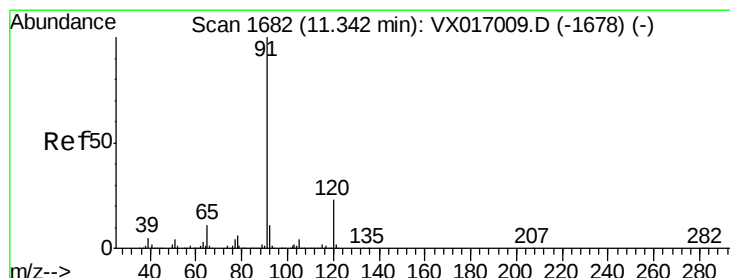
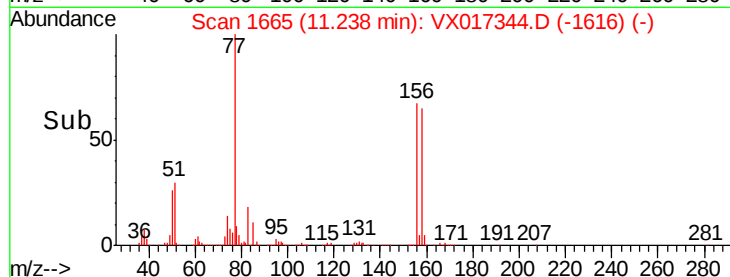
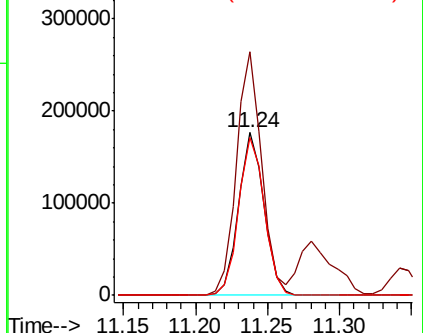
158 98.3 47.9 143.6



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: 52.258 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017344.D

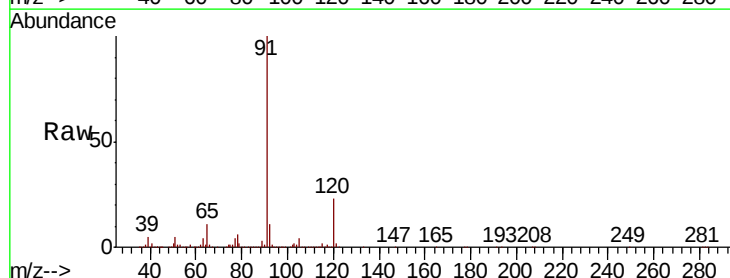
Acq: 10 Jul 2020 18:35

Tgt Ion: 91 Resp: 894082

Ion Ratio Lower Upper

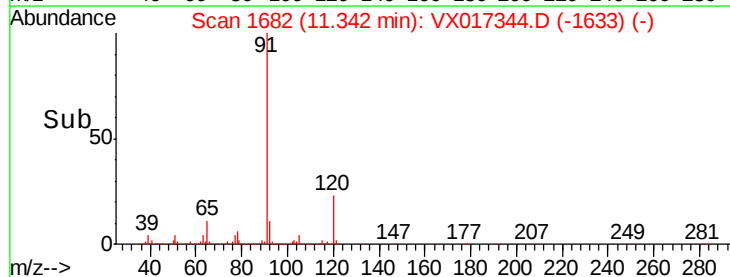
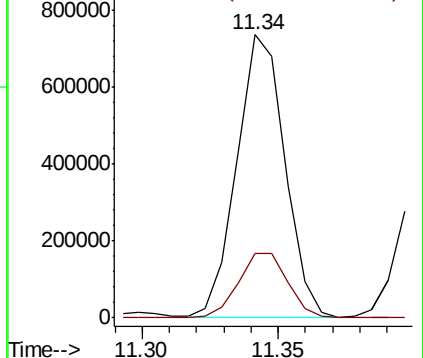
91 100

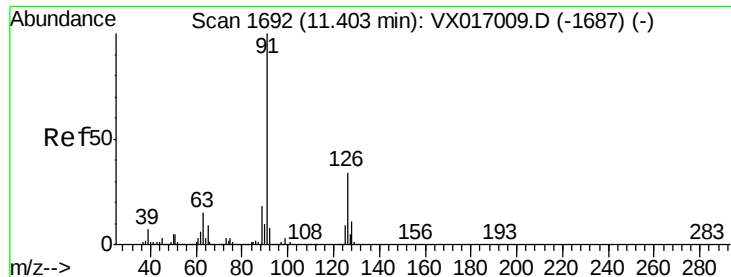
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.647 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Instrument :

MSVOA_X

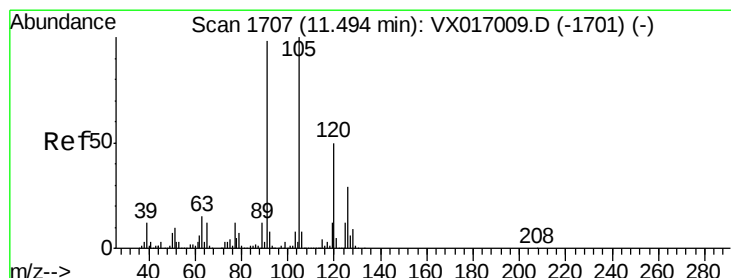
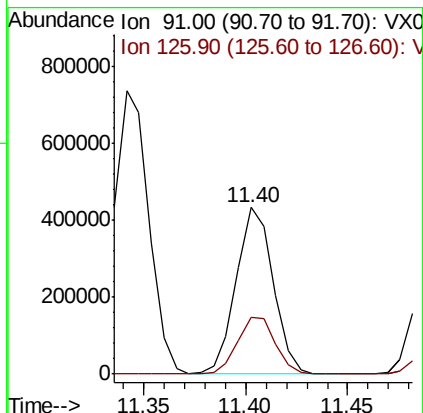
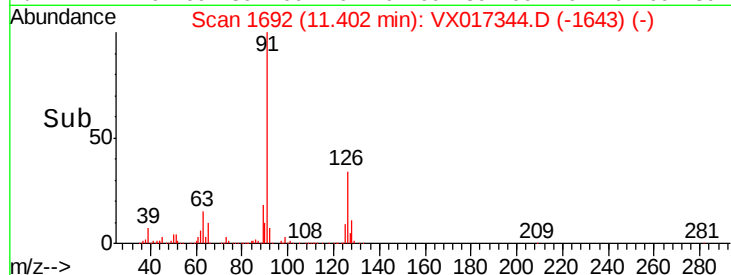
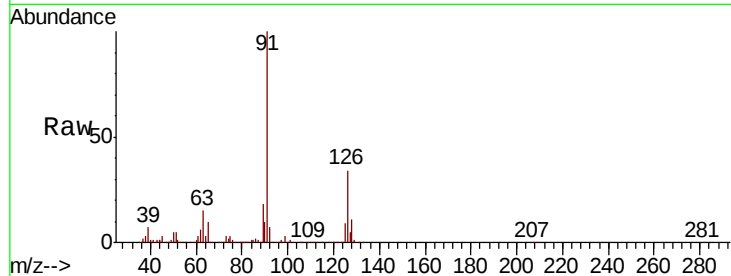
ClientSampleId :

Tot Ion: 91 Resp: 545137

Ion Ratio Lower Upper

91 100

126 35.3 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 54.424 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017344.D

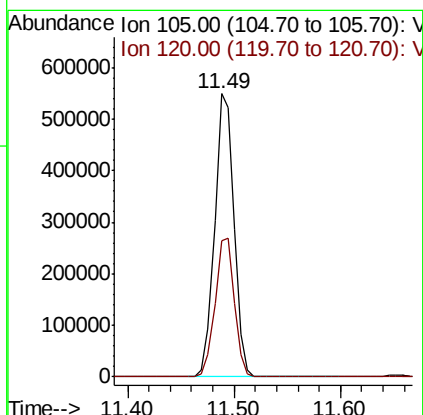
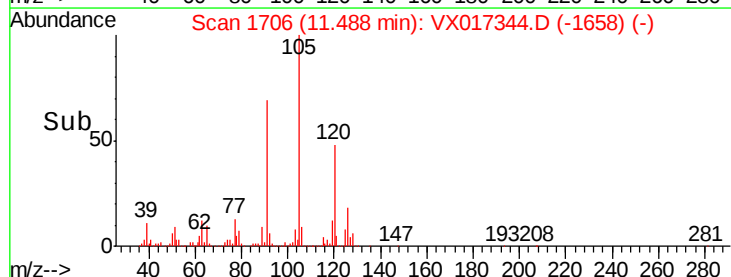
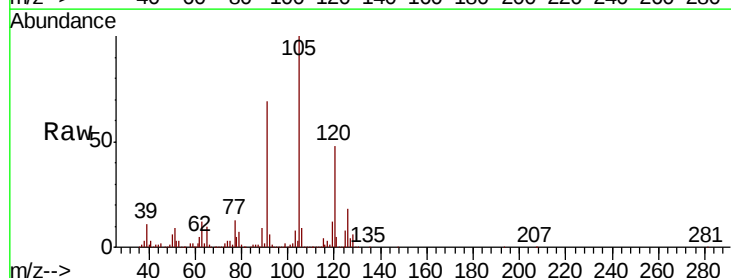
Acq: 10 Jul 2020 18:35

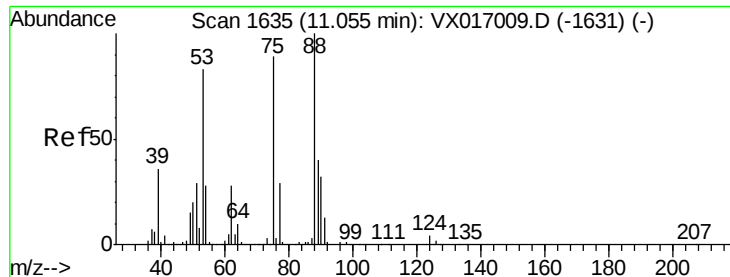
Tgt Ion:105 Resp: 682997

Ion Ratio Lower Upper

105 100

120 49.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.152 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

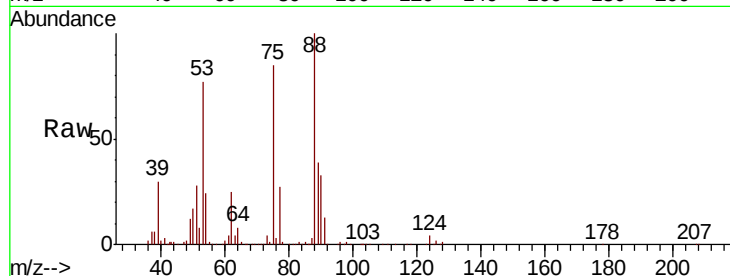
Tot Ion: 75 Resp: 91473

Ion Ratio Lower Upper

75 100

53 95.1 72.4 108.6

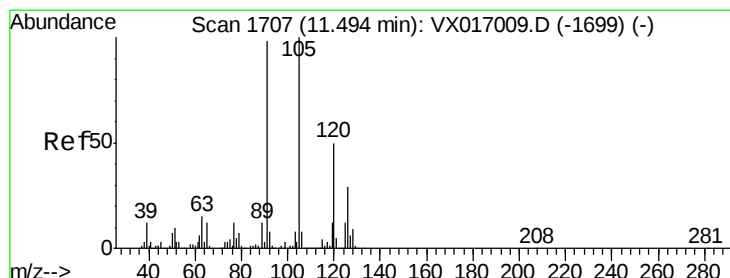
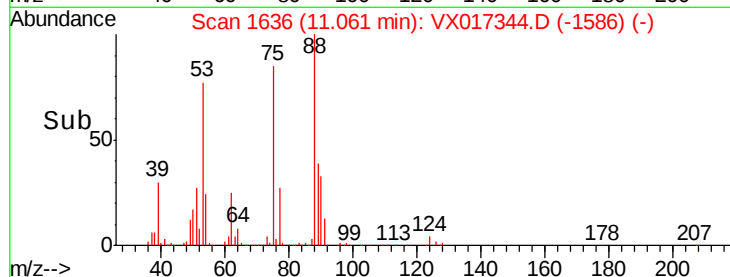
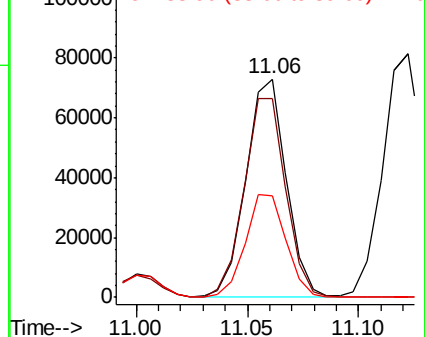
89 48.1 37.0 55.4



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: 52.415 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017344.D

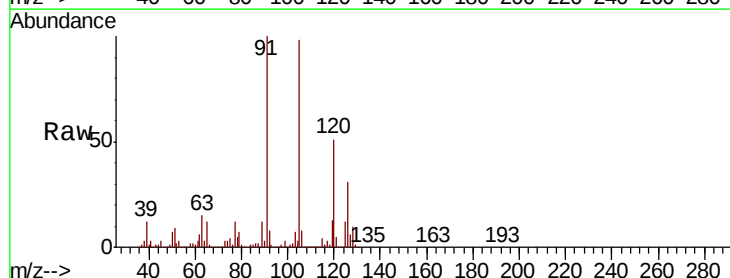
Acq: 10 Jul 2020 18:35

Tgt Ion: 91 Resp: 648812

Ion Ratio Lower Upper

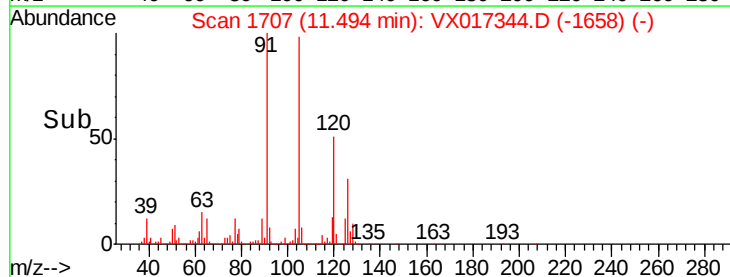
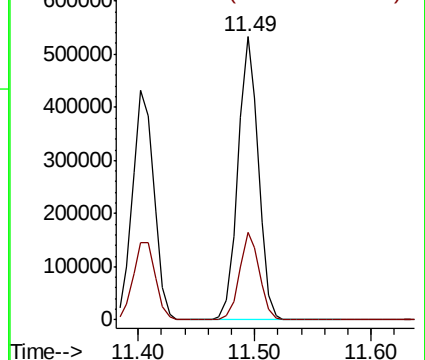
91 100

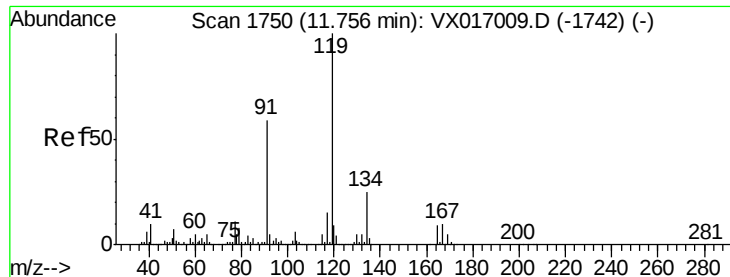
126 30.2 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

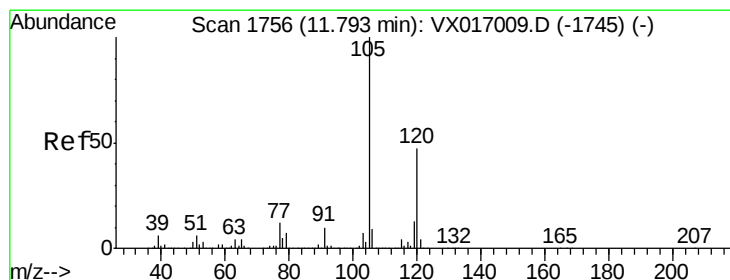
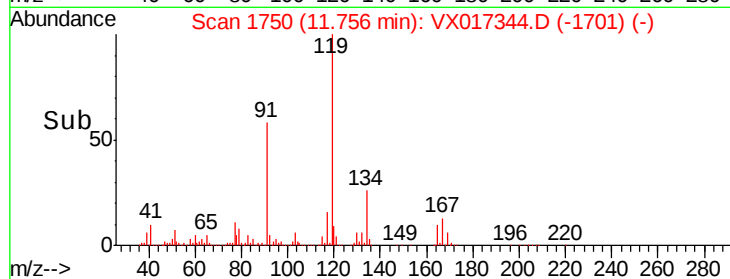
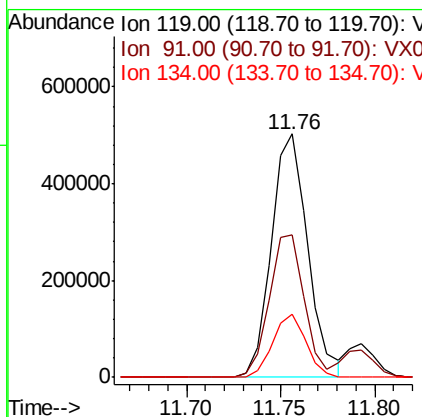
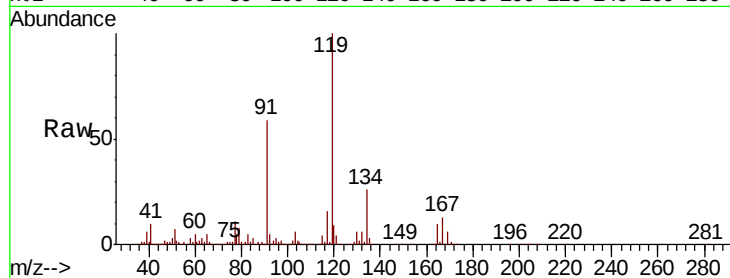




#83
 tert-Butylbenzene
 Concen: 54.566 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

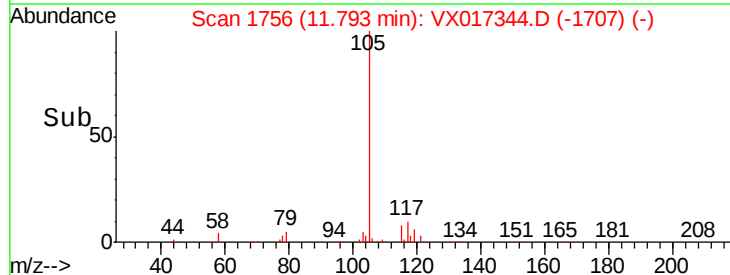
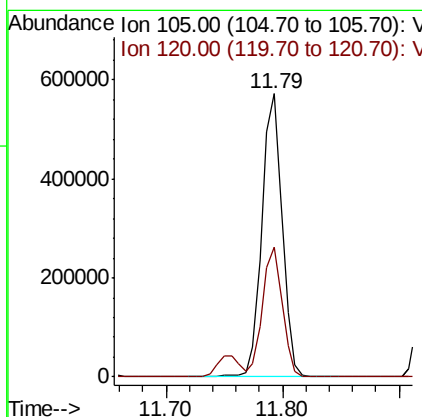
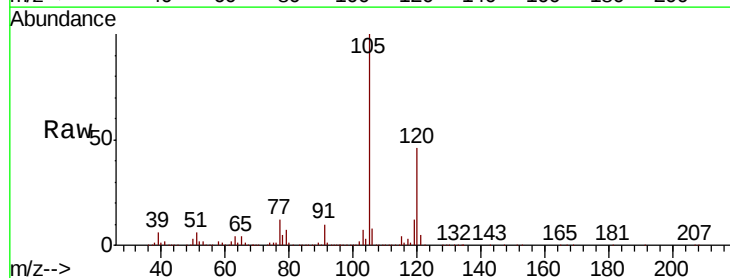
Instrument :
 MSVOA_X
 ClientSampleId :

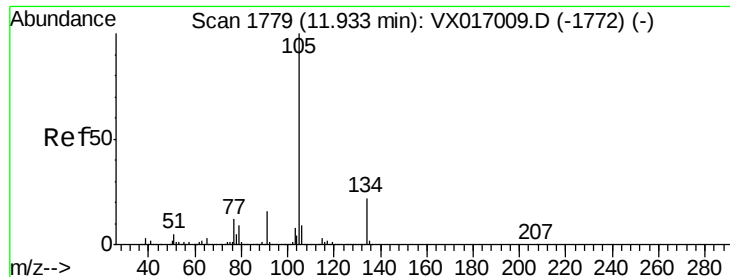
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.3	28.3	84.9
134	24.1	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 54.998 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.9	68.5





#85

sec-Butylbenzene

Concen: 53.094 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

Instrument :

MSVOA_X

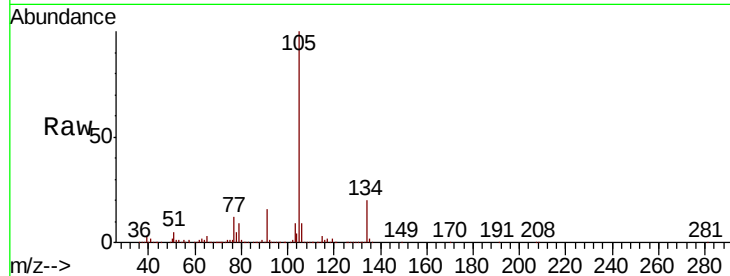
ClientSampleId :

Tot Ion:105 Resp: 768855

Ion Ratio Lower Upper

105 100

134 21.2 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

600000

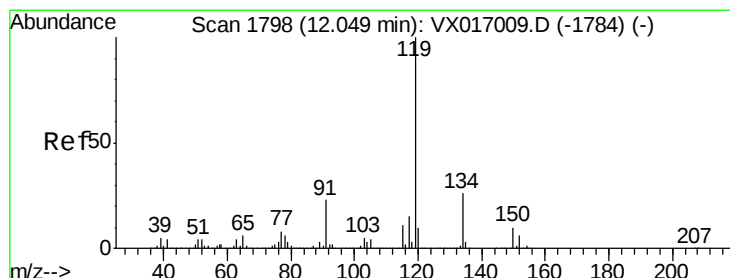
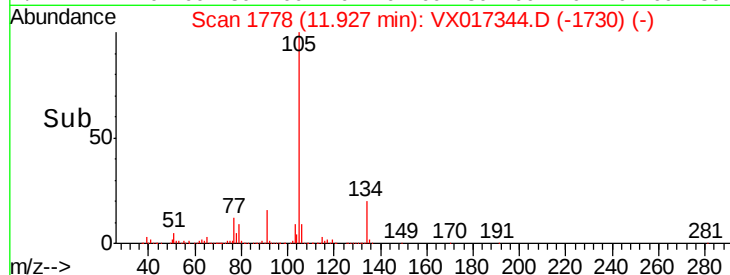
400000

200000

0

Time-->

11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 54.017 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017344.D

Acq: 10 Jul 2020 18:35

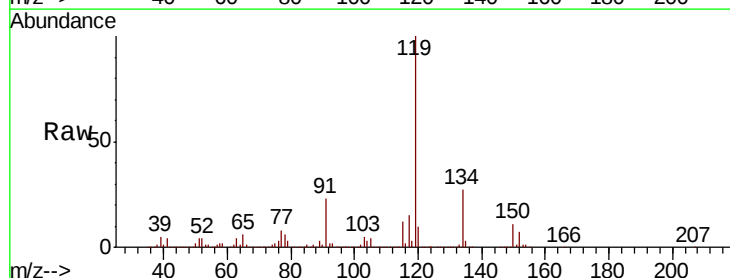
Tgt Ion:119 Resp: 728187

Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 23.5 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

800000

600000

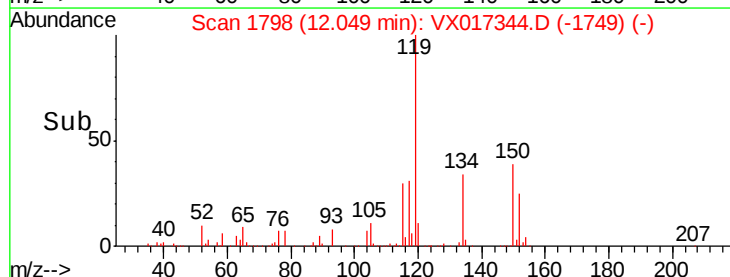
400000

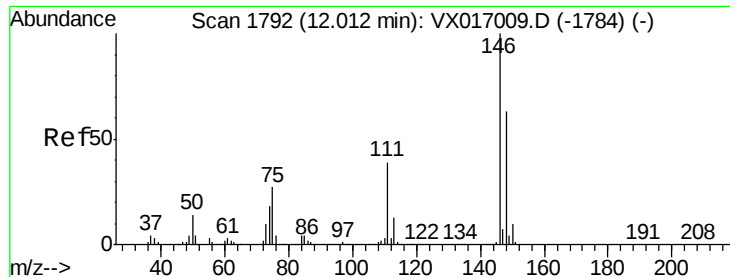
200000

0

Time-->

12.00 12.10

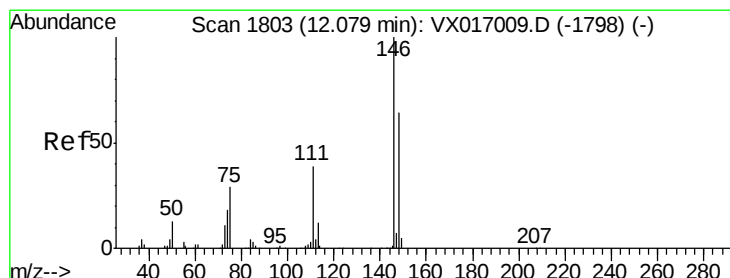
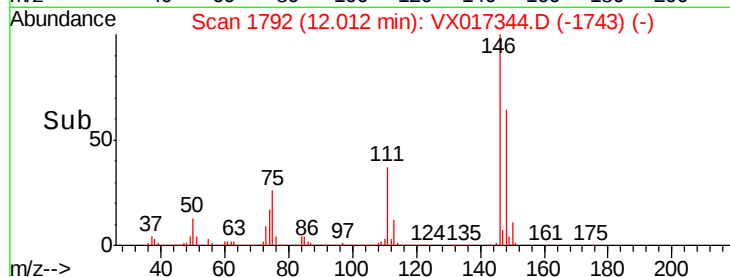
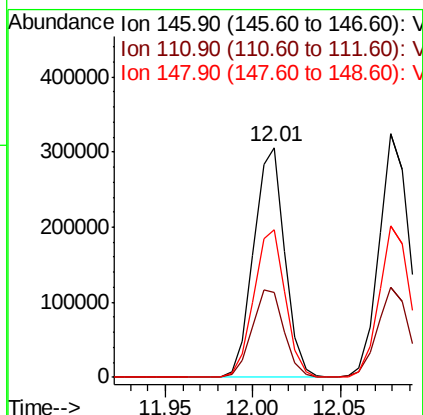
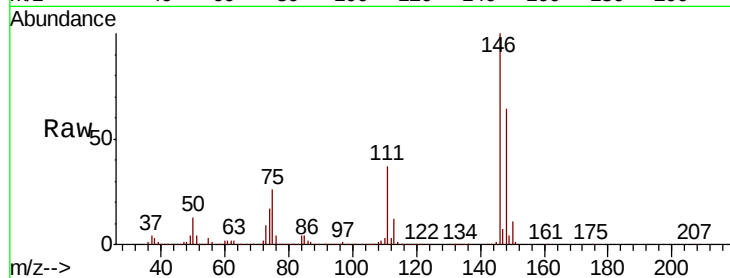




#87
 1,3-Dichlorobenzene
 Concen: 50.552 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

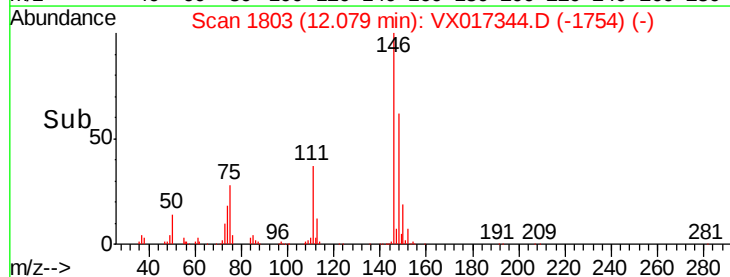
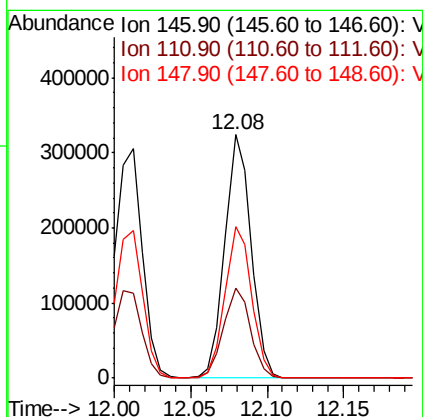
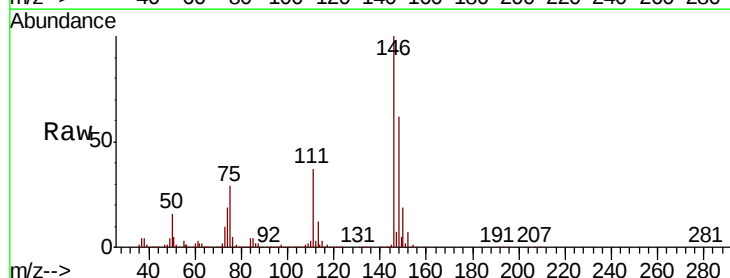
Instrument :
 MSVOA_X
 ClientSampleId :

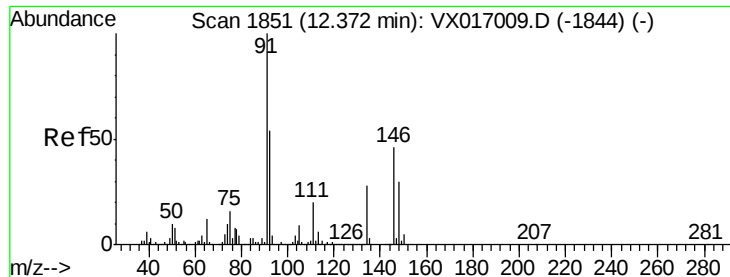
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.4	61.2
148	64.9	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 54.215 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.5	58.5
148	63.2	31.9	95.7

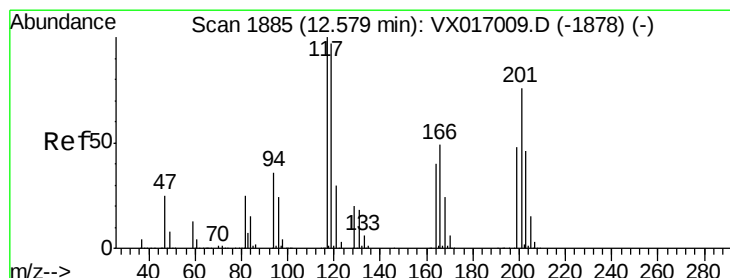
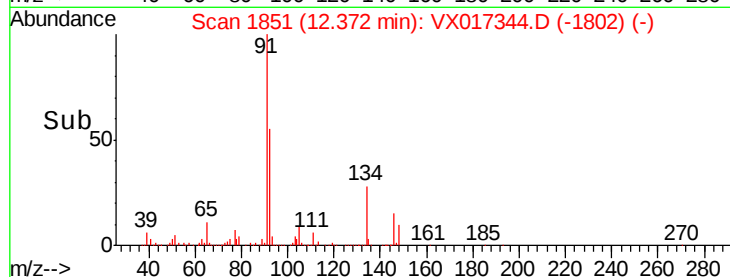
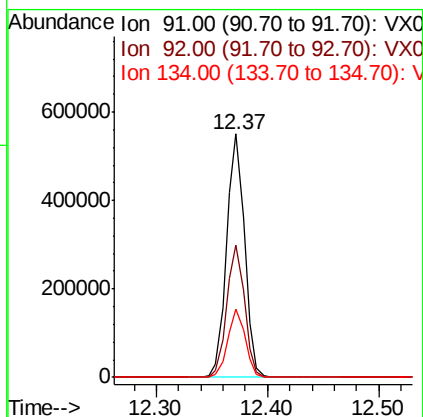
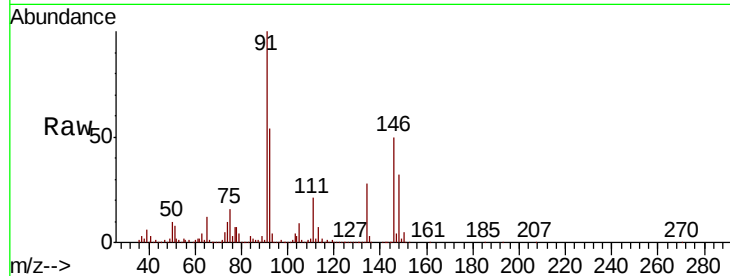




#89
n-Butylbenzene
Concen: 50.686 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

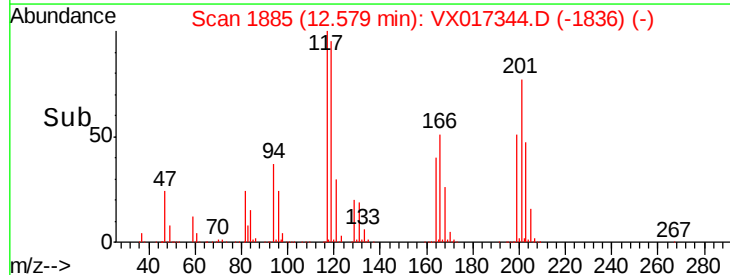
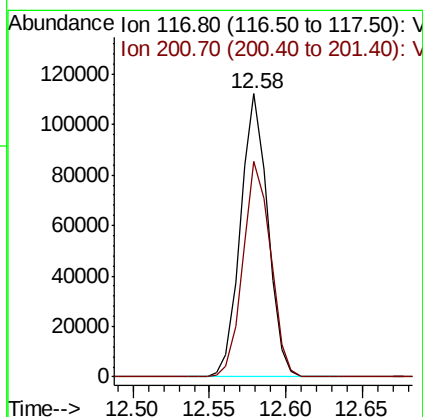
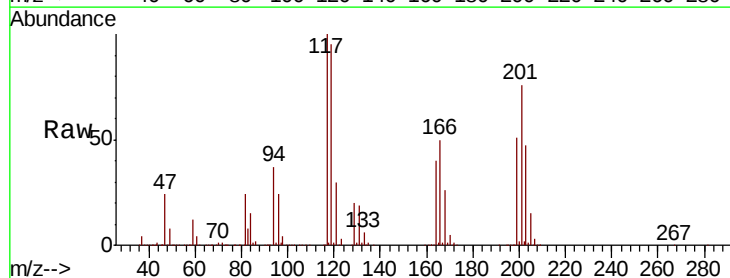
Instrument :
MSVOA_X
ClientSampleId :

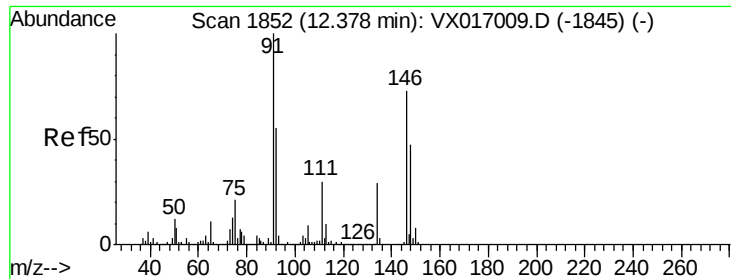
Tot Ion: 91 Resp: 610108
Ion Ratio Lower Upper
91 100
92 54.3 27.2 81.6
134 27.5 13.6 40.7



#90
Hexachloroethane
Concen: 52.107 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

Tgt Ion: 117 Resp: 138524
Ion Ratio Lower Upper
117 100
201 77.5 39.4 118.2

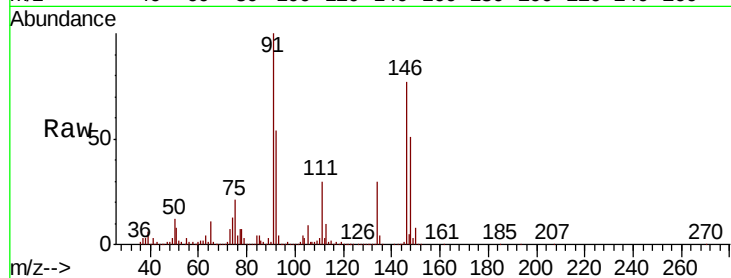




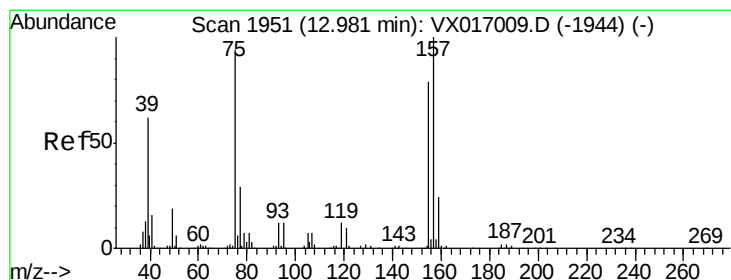
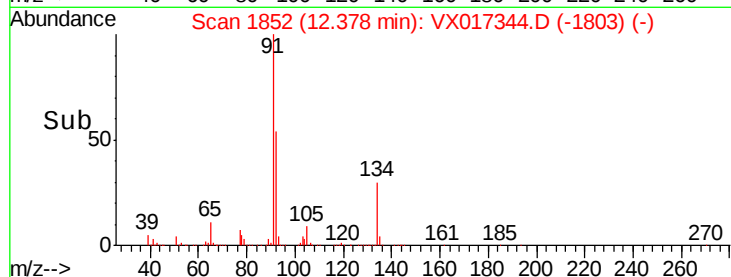
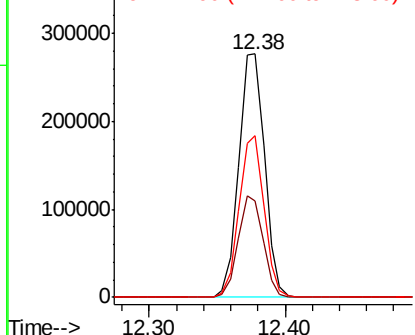
#91
 1,2-Dichlorobenzene
 Concen: 51.864 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 366121
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.6 61.9
 148 64.0 32.4 97.2

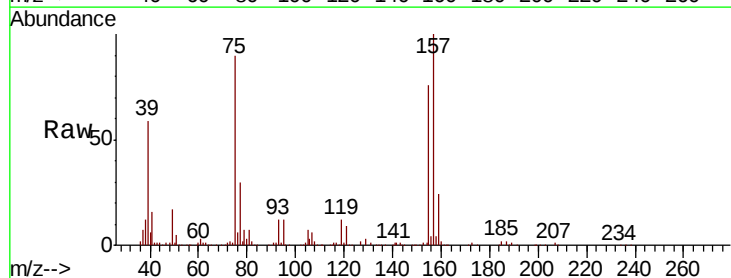


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

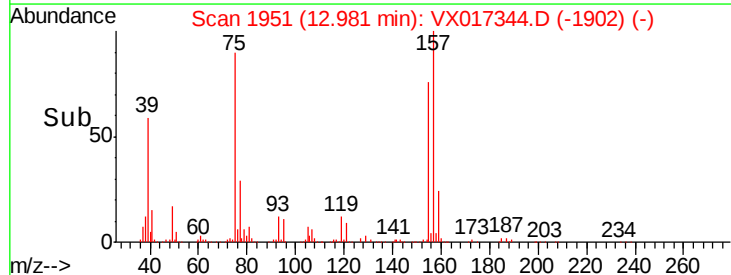
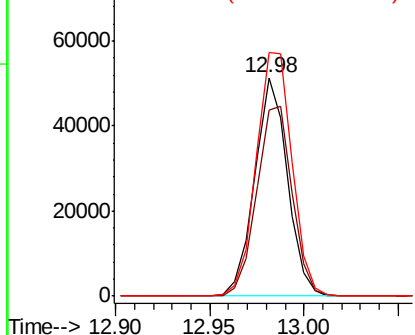


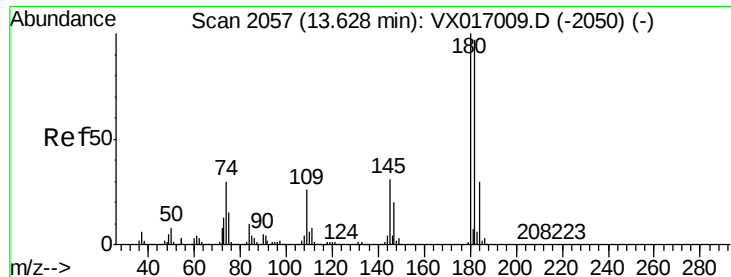
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.601 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

Tgt Ion: 75 Resp: 61989
 Ion Ratio Lower Upper
 75 100
 155 94.0 45.1 135.2
 157 121.9 56.5 169.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

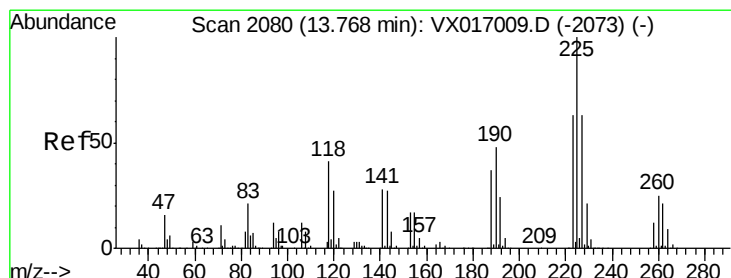
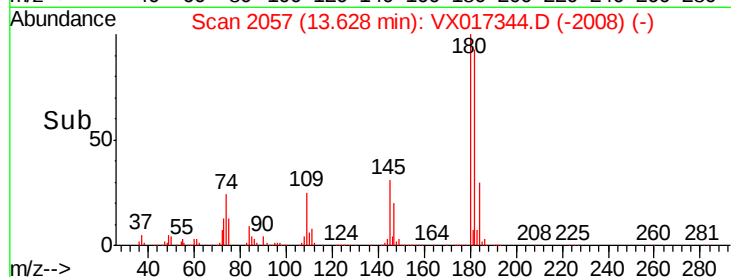
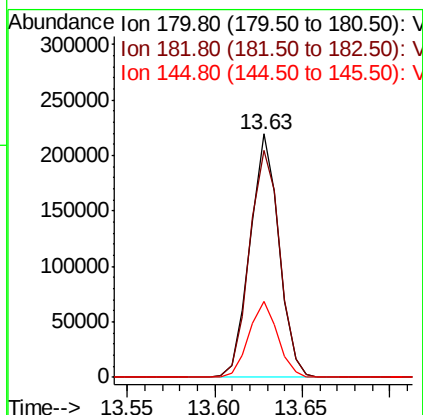
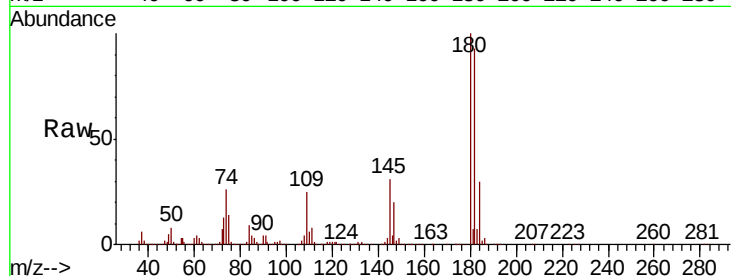




#93
 1,2,4-Trichlorobenzene
 Concen: 52.285 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

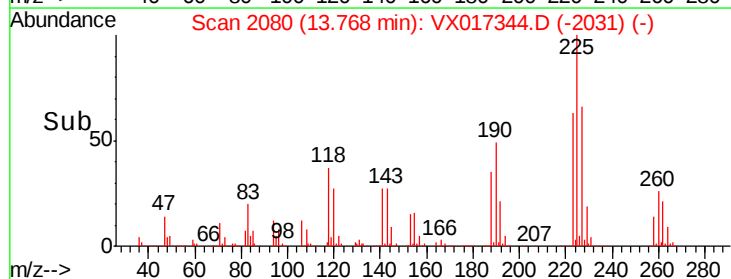
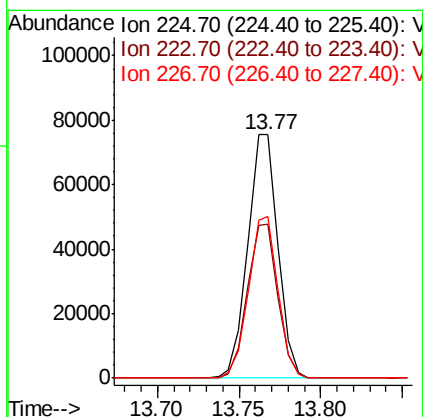
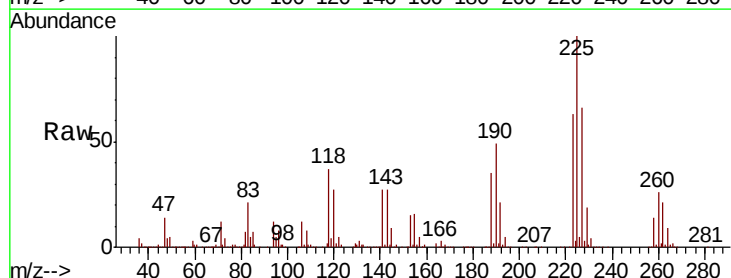
Instrument :
 MSVOA_X
 ClientSampleId :

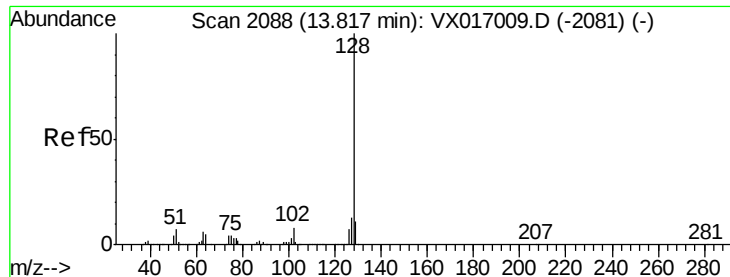
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.1	47.3	141.9
145	31.3	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 53.359 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017344.D
 Acq: 10 Jul 2020 18:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.5	97.5
227	64.9	33.1	99.2

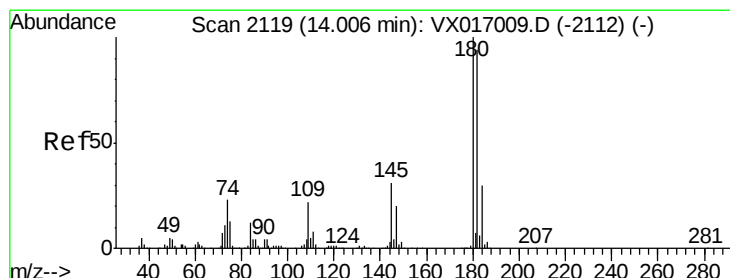
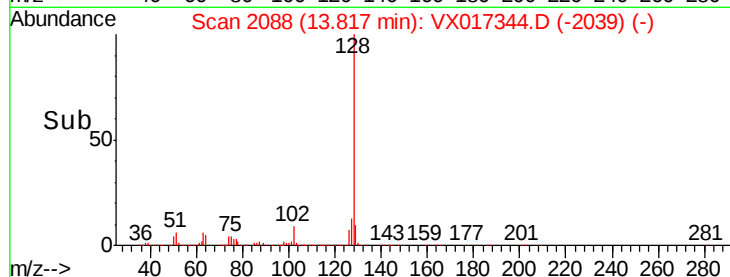
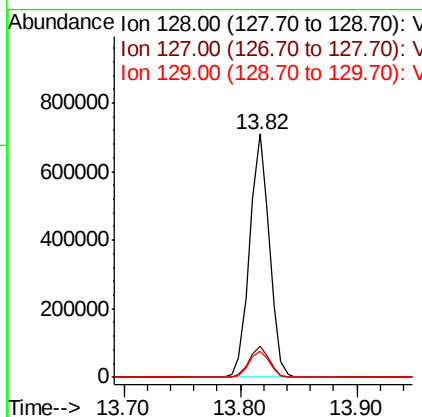
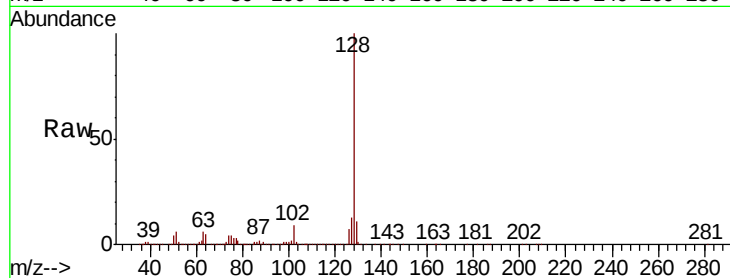




#95
Naphthalene
Concen: 57.470 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 841829
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.021 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017344.D
Acq: 10 Jul 2020 18:35

Tgt Ion:180 Resp: 256559
Ion Ratio Lower Upper
180 100
182 93.3 47.1 141.4
145 32.4 16.6 49.7

