

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072420\
 Data File : VX017584.D
 Acq On : 25 Jul 2020 10:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 27 01:10:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	527667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	827268	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	727788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	413309	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	334419	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
35) Dibromofluoromethane	5.47	113	272484	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
50) Toluene-d8	8.70	98	980978	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.12	95	389280	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	252821	51.678	ug/l	98
3) Chloromethane	1.31	50	304749	46.747	ug/l	98
4) Vinyl Chloride	1.39	62	316443	47.657	ug/l	99
5) Bromomethane	1.62	94	178937	50.146	ug/l	95
6) Chloroethane	1.71	64	189126	51.678	ug/l	100
7) Trichlorofluoromethane	1.92	101	499519	47.828	ug/l	97
8) Diethyl Ether	2.17	74	172819	51.068	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	261465	45.620	ug/l	99
10) Methyl Iodide	2.49	142	306511	41.802	ug/l	97
11) Tert butyl alcohol	3.02	59	397356	278.154	ug/l	100
12) 1,1-Dichloroethene	2.36	96	264053	48.448	ug/l	97
13) Acrolein	2.28	56	225131	207.137	ug/l	99
14) Allyl chloride	2.71	41	467598	46.986	ug/l	100
15) Acrylonitrile	3.12	53	812621	263.369	ug/l	100
16) Acetone	2.42	43	759340	254.531	ug/l	99
17) Carbon Disulfide	2.55	76	771985	46.601	ug/l	100
18) Methyl Acetate	2.75	43	367786	52.346	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	956554	50.707	ug/l	98
20) Methylene Chloride	2.84	84	302969	54.026	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	291370	49.903	ug/l	100
22) Diisopropyl ether	3.82	45	936578	51.469	ug/l #	88
23) Vinyl Acetate	3.79	43	4271490	263.270	ug/l	100
24) 1,1-Dichloroethane	3.67	63	530370	50.596	ug/l	100
25) 2-Butanone	4.64	43	1131000	266.867	ug/l	99
26) 2,2-Dichloropropane	4.55	77	268826	28.650	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	321396	50.679	ug/l	93
28) Bromochloromethane	4.98	49	229115	48.233	ug/l	97
29) Tetrahydrofuran	5.09	42	711621	271.076	ug/l	99
30) Chloroform	5.18	83	539001	50.324	ug/l	97
31) Cyclohexane	5.55	56	402314	48.128	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	492340	48.747	ug/l	100
36) 1,1-Dichloropropene	5.77	75	392189	49.430	ug/l	99
37) Ethyl Acetate	4.80	43	433185	49.899	ug/l	100
38) Carbon Tetrachloride	5.75	117	463444	48.100	ug/l	100

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Quant Time: Jul 27 01:10:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	401025	43.297	ug/l	99
40) Benzene	6.11	78	1000413	43.980	ug/l	97
41) Methacrylonitrile	5.00	41	237603	47.750	ug/l	98
42) 1,2-Dichloroethane	6.16	62	424642	45.631	ug/l	100
43) Isopropyl Acetate	6.42	43	629390	43.941	ug/l	100
44) Trichloroethene	7.19	130	330326	49.691	ug/l	100
45) 1,2-Dichloropropane	7.49	63	300294	47.621	ug/l	98
46) Dibromomethane	7.64	93	206135	46.256	ug/l	100
47) Bromodichloromethane	7.88	83	446895	49.838	ug/l	99
48) Methyl methacrylate	7.74	41	337763	47.572	ug/l	99
49) 1,4-Dioxane	7.71	88	146636	1077.212	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1958401	229.151	ug/l	99
52) Toluene	8.77	92	686105	47.032	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	461636	45.990	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	451225	44.072	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	271010	44.596	ug/l	98
56) Ethyl methacrylate	9.16	69	436837	47.713	ug/l	98
57) 1,3-Dichloropropane	9.35	76	511242	51.090	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1142167	236.789	ug/l	99
59) 2-Hexanone	9.48	43	1596622	248.137	ug/l	98
60) Dibromochloromethane	9.57	129	365030	47.259	ug/l	99
61) 1,2-Dibromoethane	9.65	107	307572	47.539	ug/l	99
64) Tetrachloroethene	9.32	164	339371	51.954	ug/l	99
65) Chlorobenzene	10.12	112	724123	45.967	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	318420	50.084	ug/l	100
67) Ethyl Benzene	10.24	91	1330087	50.581	ug/l	97
68) m/p-Xylenes	10.34	106	1104630	108.434	ug/l	99
69) o-Xylene	10.68	106	512065	52.264	ug/l	99
70) Styrene	10.70	104	880472	52.818	ug/l	100
71) Bromoform	10.84	173	283911	51.543	ug/l #	99
73) Isopropylbenzene	11.00	105	1314892	46.375	ug/l	99
74) N-amyl acetate	10.88	43	592569	47.038	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	416847	47.100	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	500810	58.905	ug/l	81
77) Bromobenzene	11.24	156	368228	46.390	ug/l	97
78) n-propylbenzene	11.34	91	1527108	47.754	ug/l	99
79) 2-Chlorotoluene	11.40	91	914474	46.164	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1241499	51.283	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	129411	38.354	ug/l	95
82) 4-Chlorotoluene	11.49	91	1175669	50.312	ug/l	100
83) tert-Butylbenzene	11.76	119	1086182	46.890	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1131809	47.005	ug/l	99
85) sec-Butylbenzene	11.93	105	1266346	46.928	ug/l	100
86) p-Isopropyltoluene	12.05	119	1199961	46.696	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	634848	46.574	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	627556	44.447	ug/l	99
89) n-Butylbenzene	12.37	91	1004473	43.867	ug/l	99
90) Hexachloroethane	12.58	117	262916	51.895	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	592225	44.206	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	105633	42.607	ug/l	99

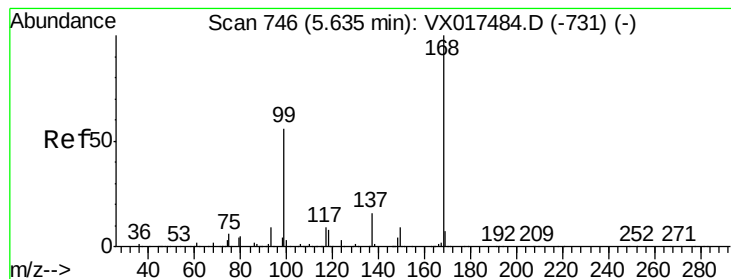
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072420\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	429442	46.968	ug/l	99
94) Hexachlorobutadiene	13.77	225	188134	44.700	ug/l	99
95) Naphthalene	13.82	128	1357556	49.738	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	420885	46.620	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

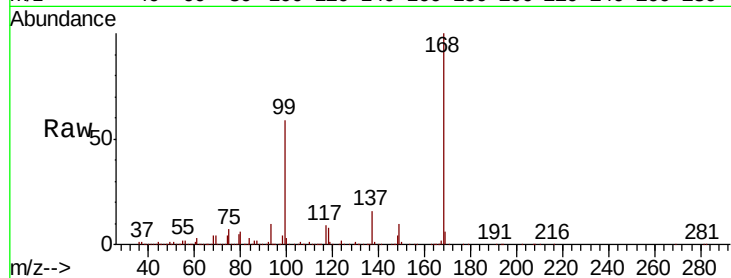
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 527667

Ion Ratio Lower Upper

168 100

99 59.1 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

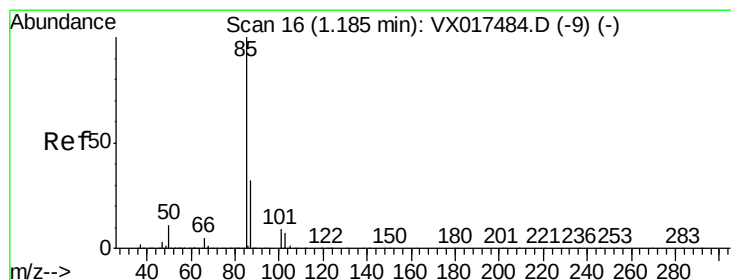
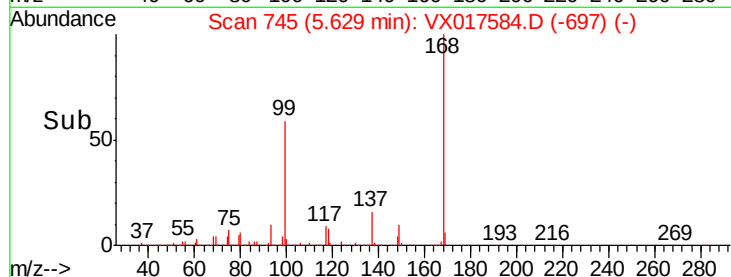
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.678 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017584.D

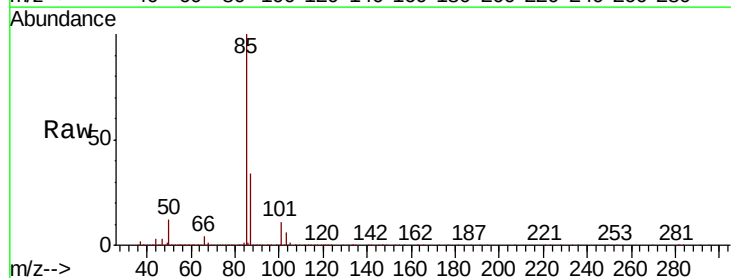
Acq: 25 Jul 2020 10:18

Tgt Ion: 85 Resp: 252821

Ion Ratio Lower Upper

85 100

87 33.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

250000

200000

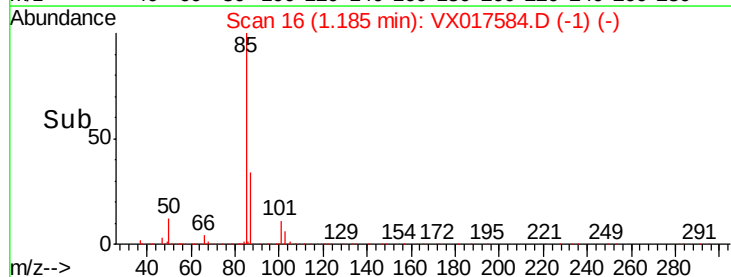
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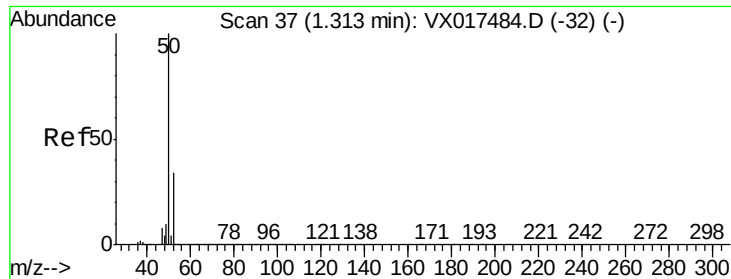
100000

50000

0

Time-->





#3

Chloromethane

Concen: 46.747 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

Instrument :

MSVOA_X

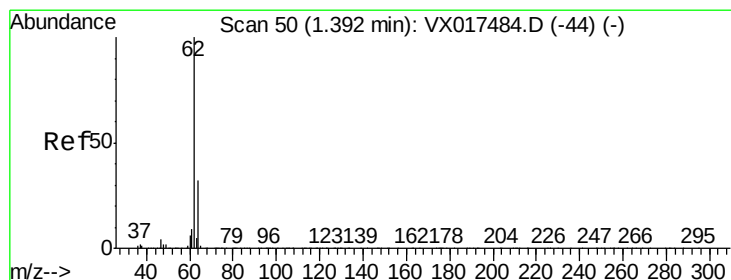
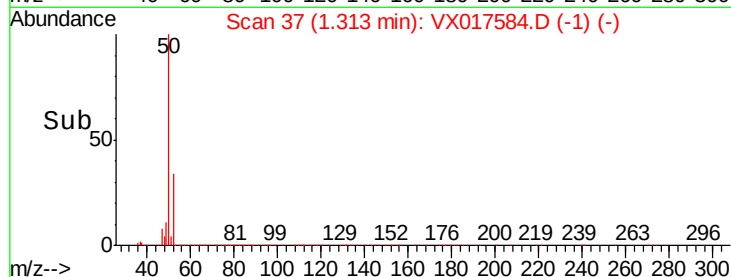
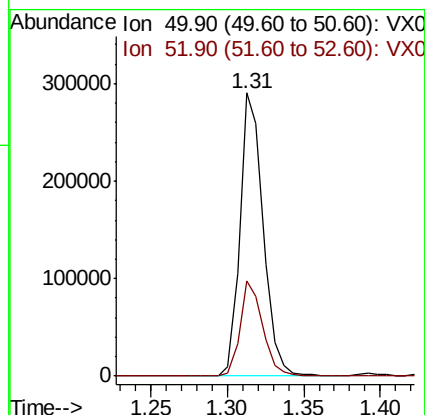
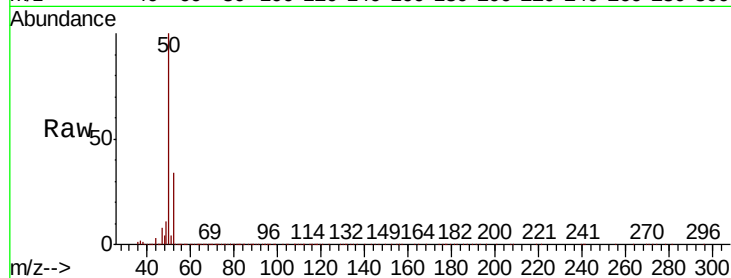
ClientSampleId :

Tot Ion: 50 Resp: 304749

Ion Ratio Lower Upper

50 100

52 33.7 25.9 38.9



#4

Vinyl Chloride

Concen: 47.657 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017584.D

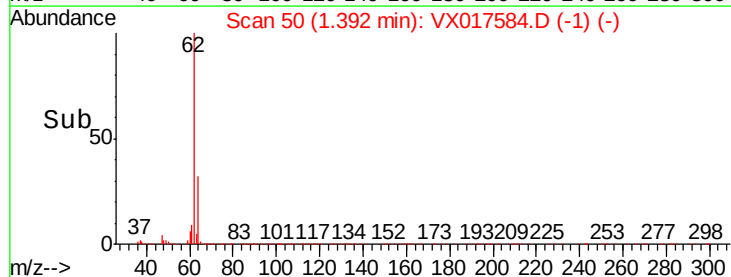
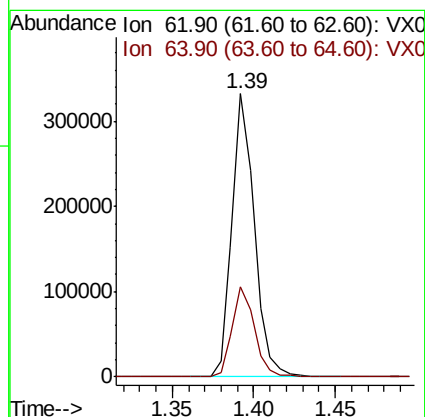
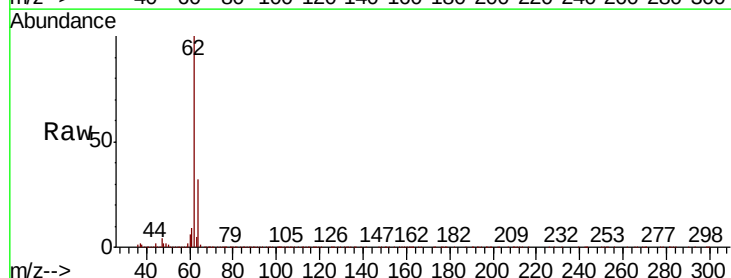
Acq: 25 Jul 2020 10:18

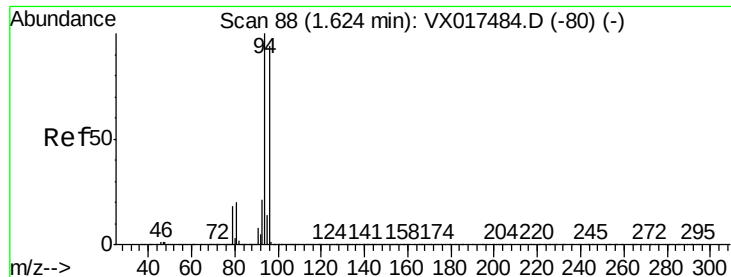
Tgt Ion: 62 Resp: 316443

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 50.146 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

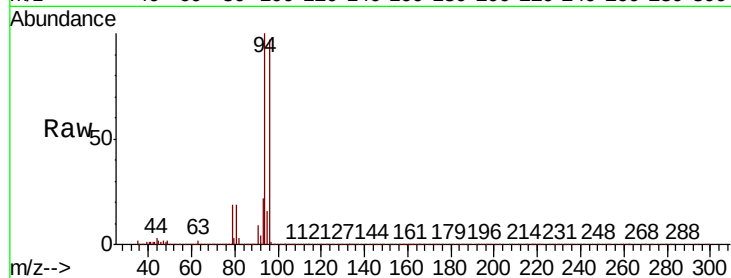
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 178937

Ion Ratio Lower Upper

94 100

96 96.9 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

200000

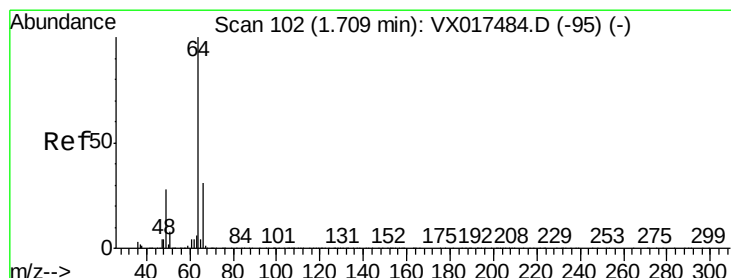
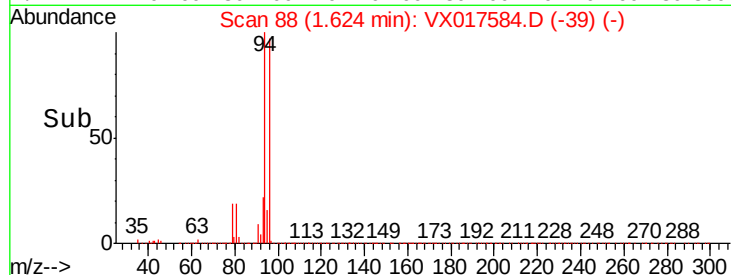
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 51.678 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017584.D

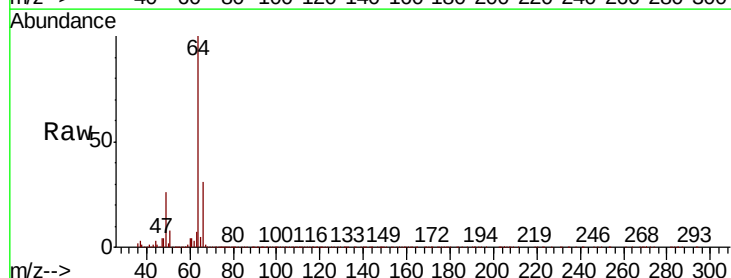
Acq: 25 Jul 2020 10:18

Tgt Ion: 64 Resp: 189126

Ion Ratio Lower Upper

64 100

66 30.9 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

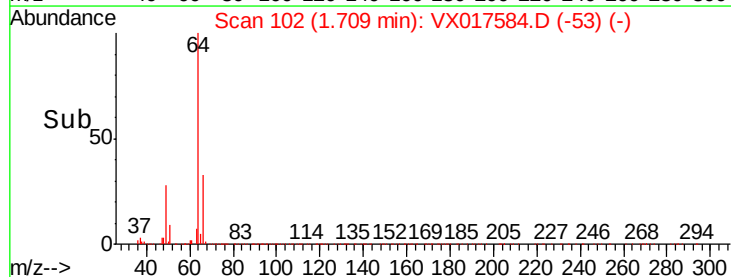
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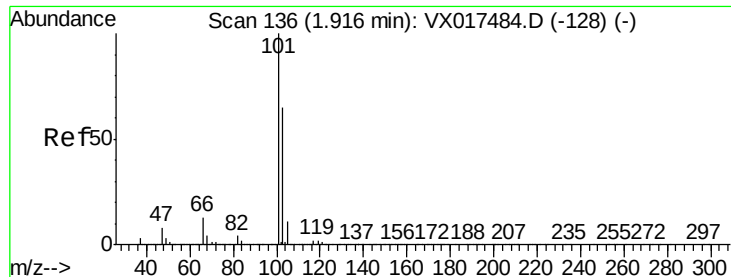
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Time-->



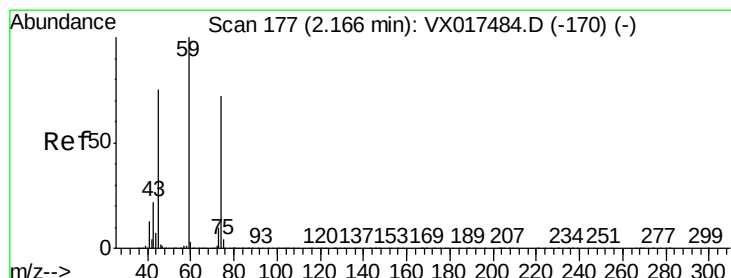
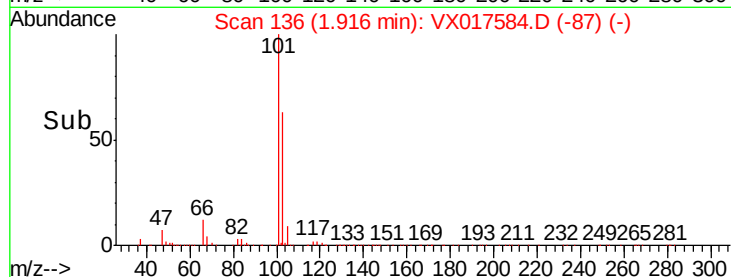
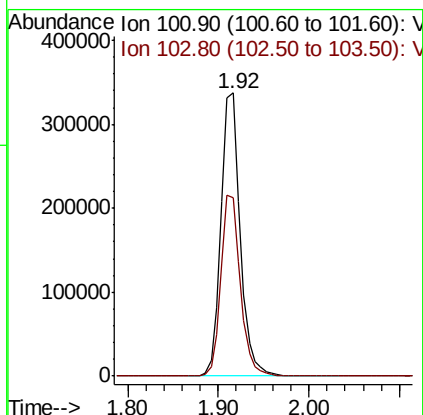
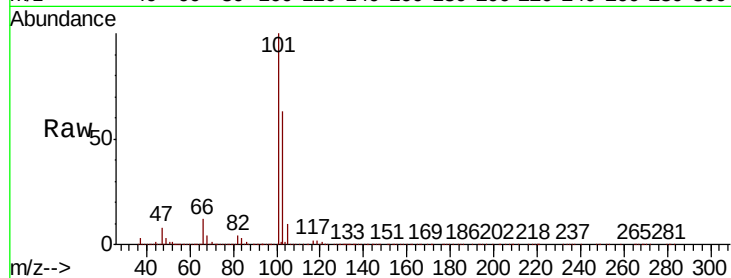


#7

Trichlorofluoromethane
Concen: 47.828 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :

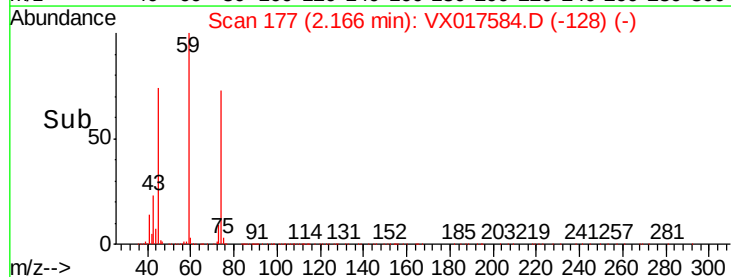
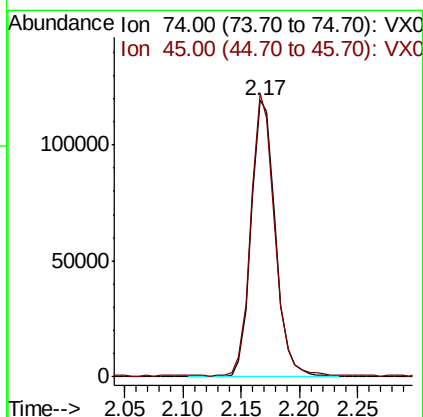
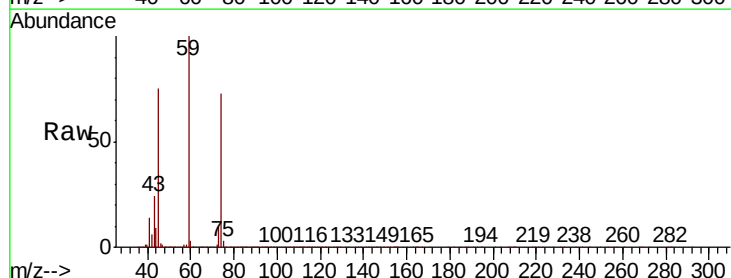
Tot Ion:101 Resp: 499519
Ion Ratio Lower Upper
101 100
103 62.8 51.8 77.8

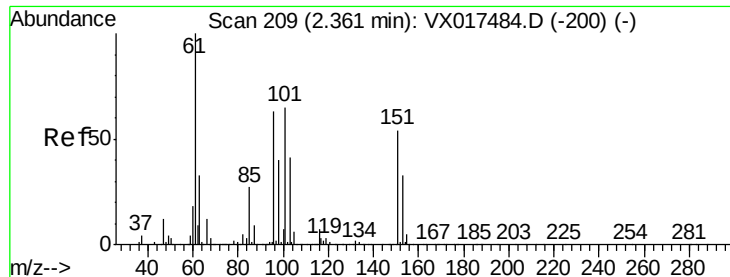


#8

Diethyl Ether
Concen: 51.068 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

Tgt Ion: 74 Resp: 172819
Ion Ratio Lower Upper
74 100
45 100.0 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.620 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

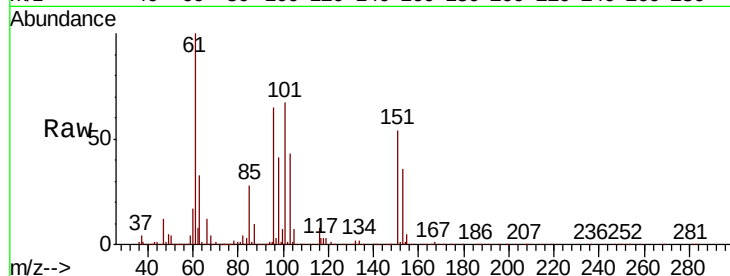
Tot Ion:101 Resp: 261465

Ion Ratio Lower Upper

101 100

85 43.3 34.8 52.2

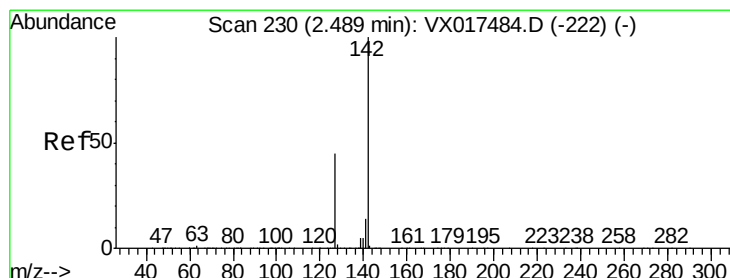
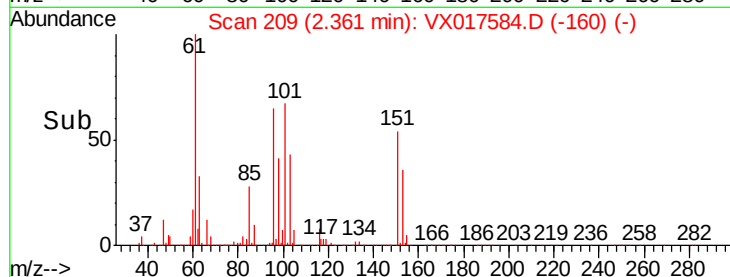
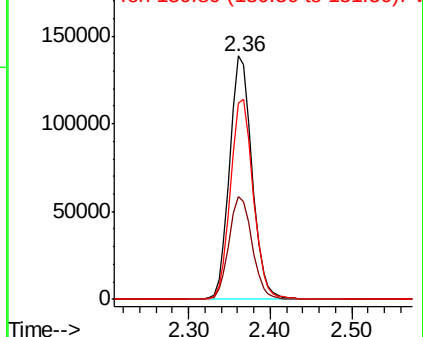
151 83.3 68.0 102.0



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: 41.802 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

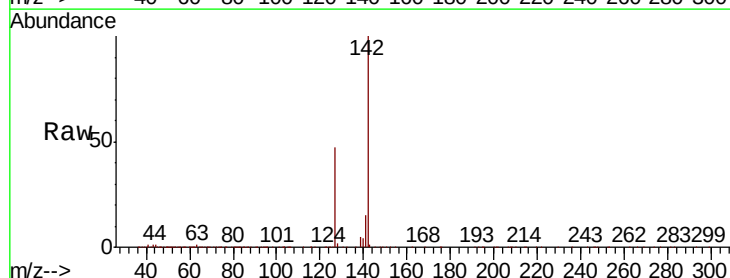
Tgt Ion:142 Resp: 306511

Ion Ratio Lower Upper

142 100

127 47.0 35.9 53.9

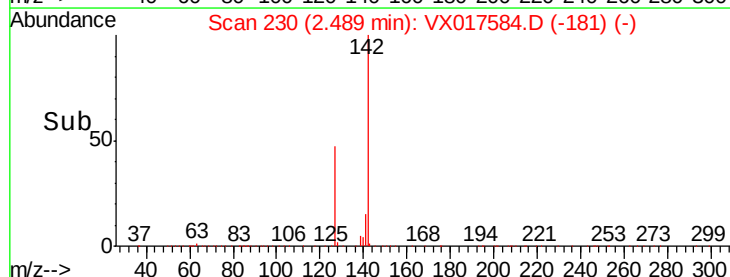
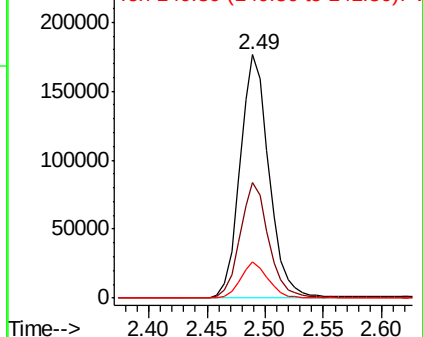
141 14.4 11.4 17.0

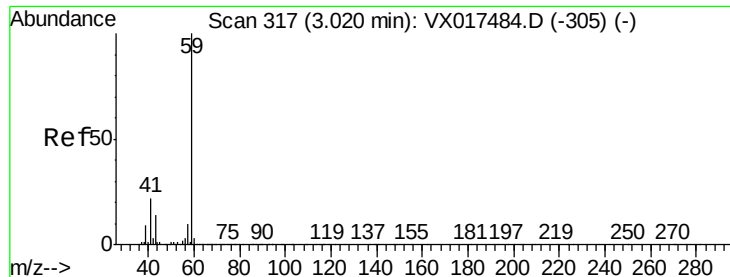


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



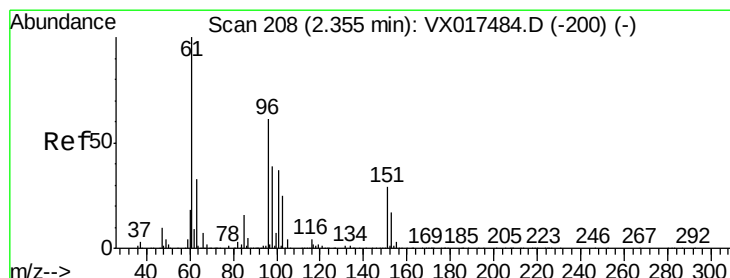
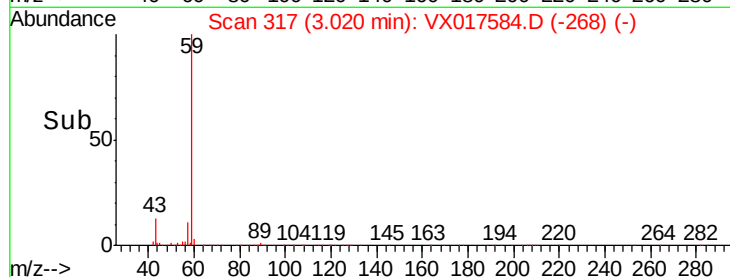
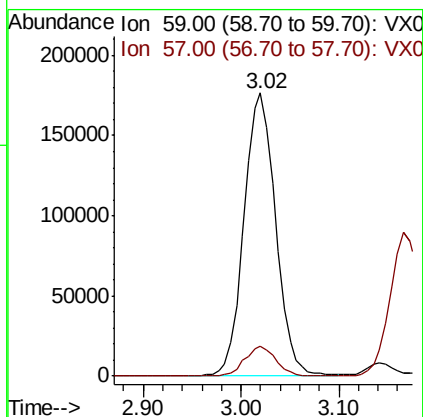
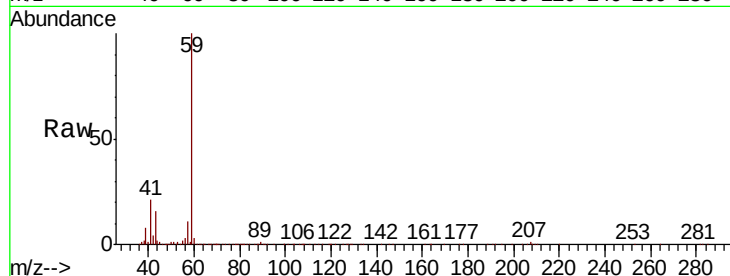


#11

Tert butyl alcohol
Concen: 278.154 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :

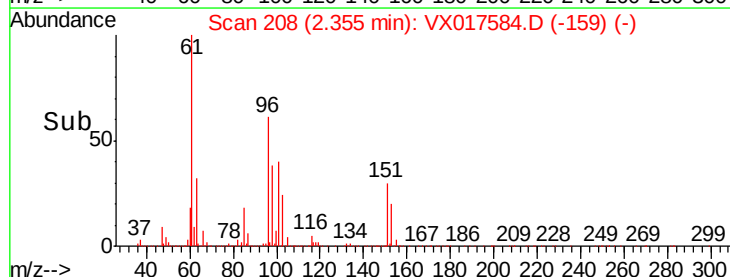
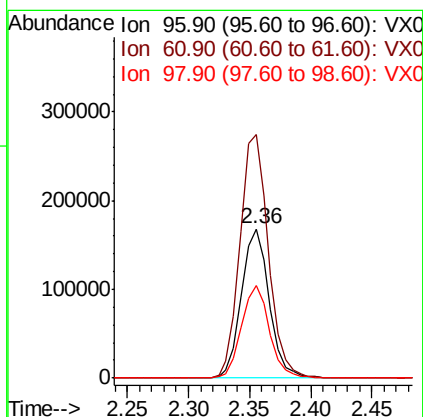
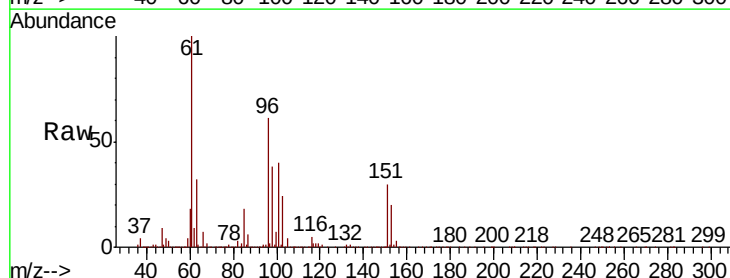
Tot Ion: 59 Resp: 397356
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

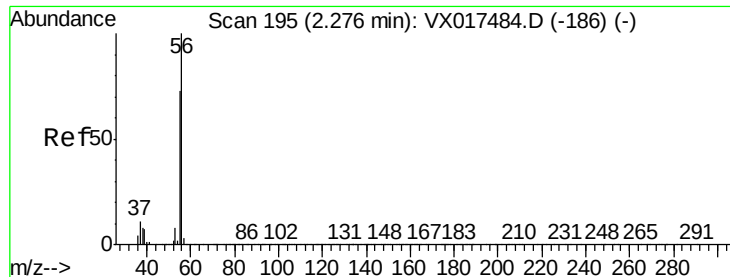


#12

1,1-Dichloroethene
Concen: 48.448 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

Tgt Ion: 96 Resp: 264053
Ion Ratio Lower Upper
96 100
61 163.2 134.0 201.0
98 61.8 51.0 76.4





#13

Acrolein

Concen: 207.137 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

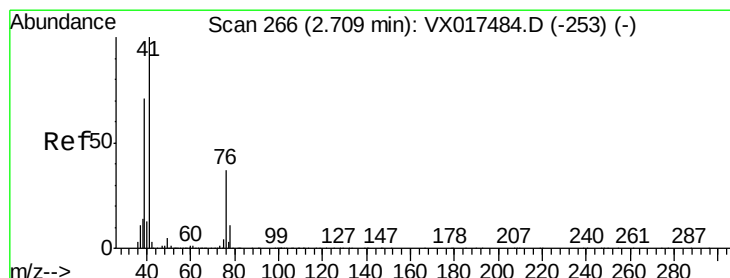
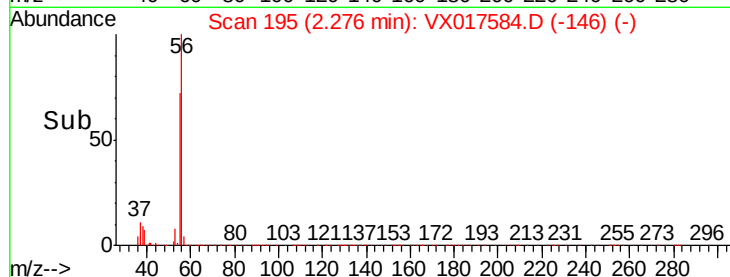
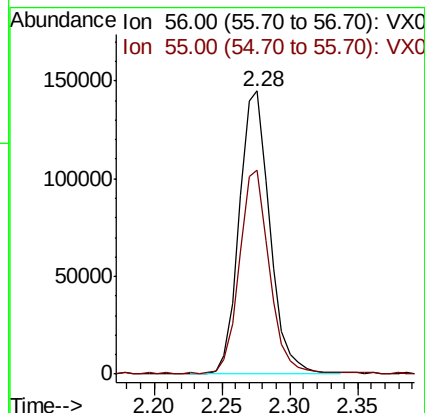
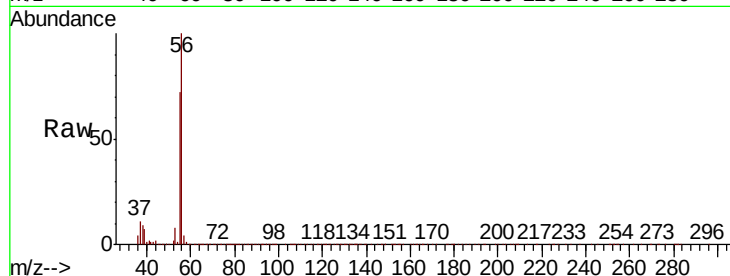
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 225131

Ion Ratio Lower Upper

56 100

55 71.1 57.4 86.2



#14

Allyl chloride

Concen: 46.986 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

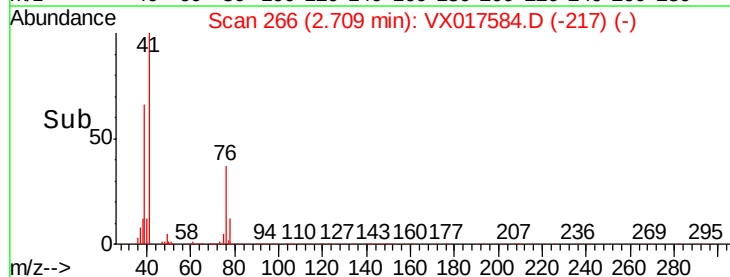
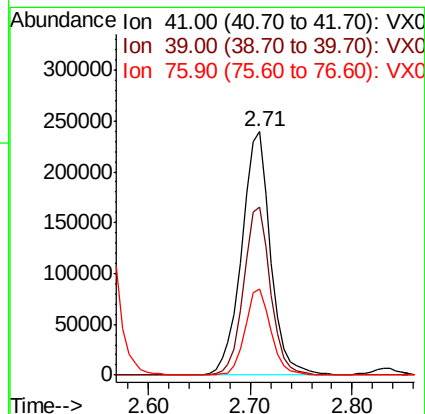
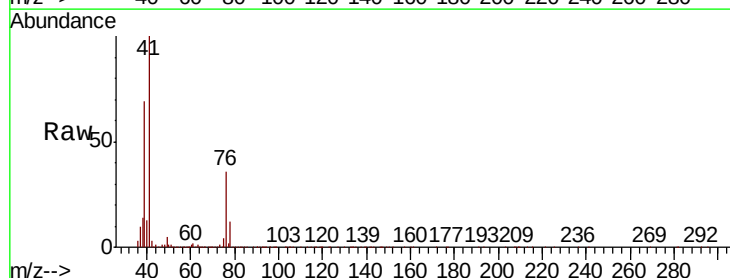
Tgt Ion: 41 Resp: 467598

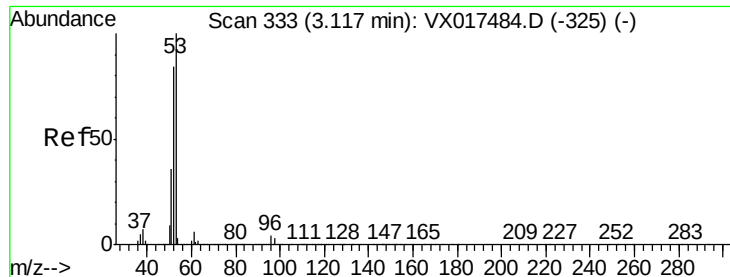
Ion Ratio Lower Upper

41 100

39 65.0 51.9 77.9

76 31.7 25.5 38.3





#15

Acrylonitrile

Concen: 263.369 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

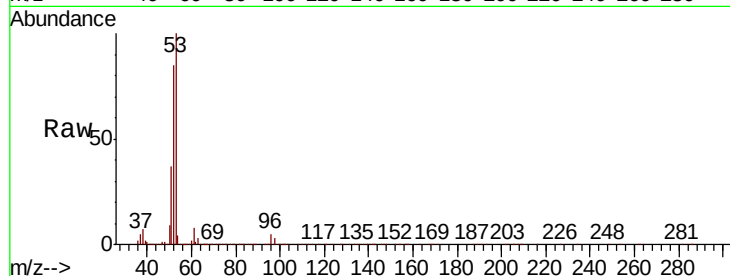
Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 53 Resp: 812621

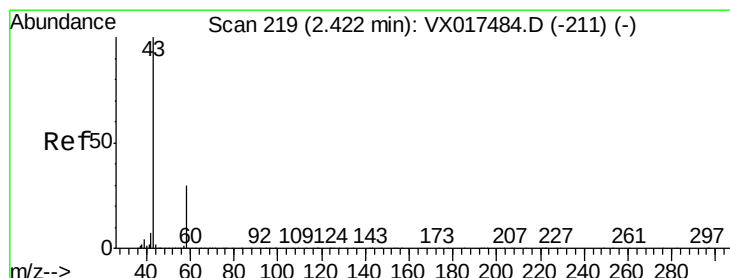
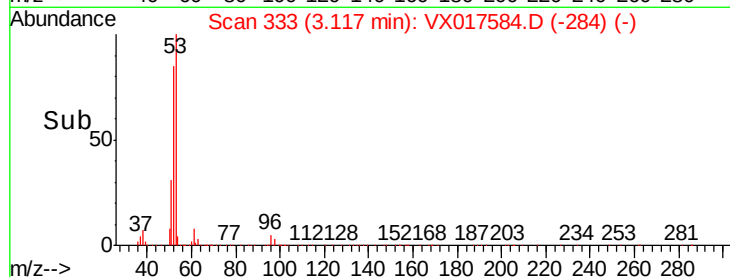
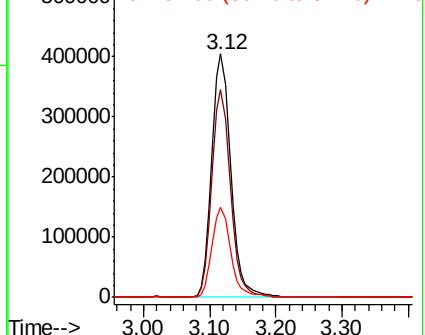
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.6	99.8
51	36.7	29.4	44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 254.531 ug/l

RT: 2.42 min Scan# 219

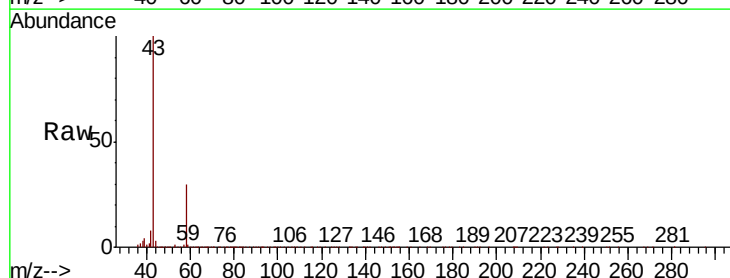
Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

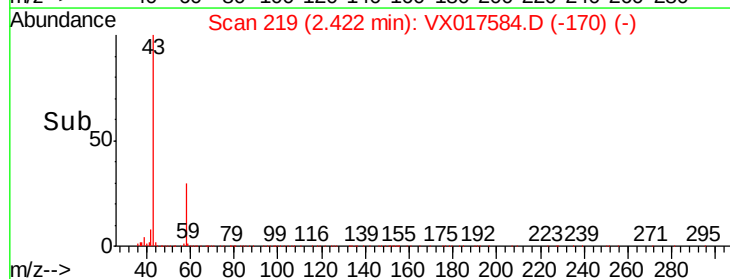
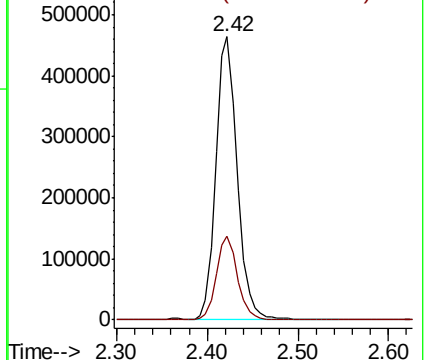
Tgt Ion: 43 Resp: 759340

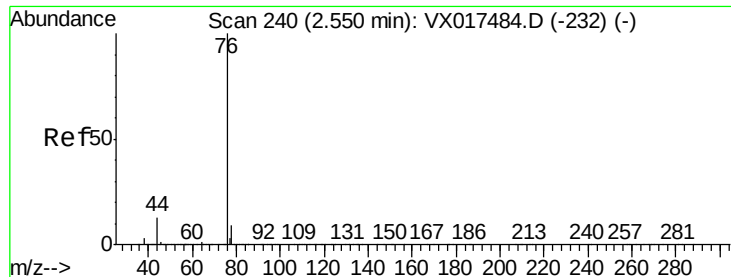
Ion	Ratio	Lower	Upper
43	100		
58	29.6	24.2	36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.601 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

Instrument :

MSVOA_X

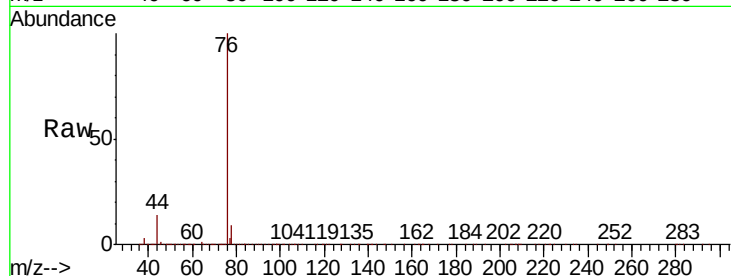
ClientSampleId :

Tot Ion: 76 Resp: 771985

Ion Ratio Lower Upper

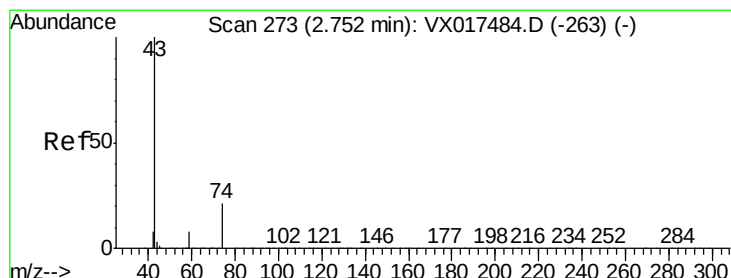
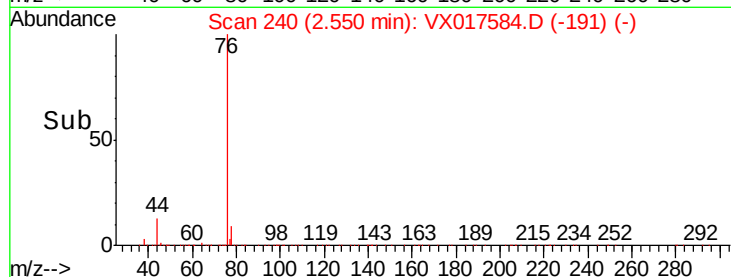
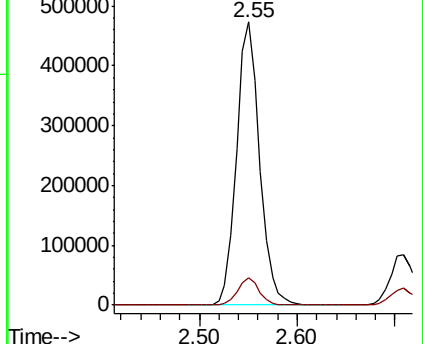
76 100

78 9.5 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.346 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017584.D

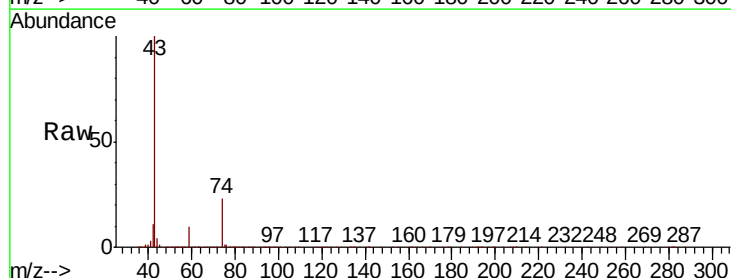
Acq: 25 Jul 2020 10:18

Tgt Ion: 43 Resp: 367786

Ion Ratio Lower Upper

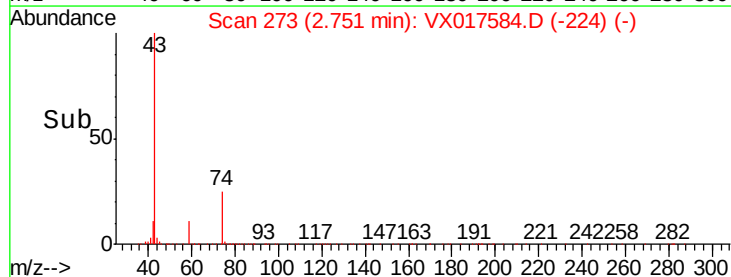
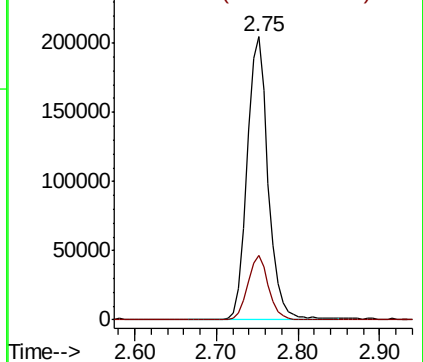
43 100

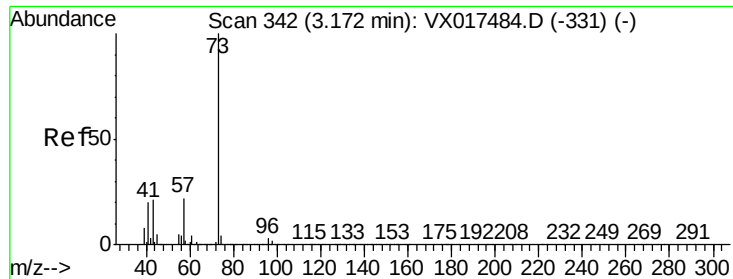
74 22.5 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

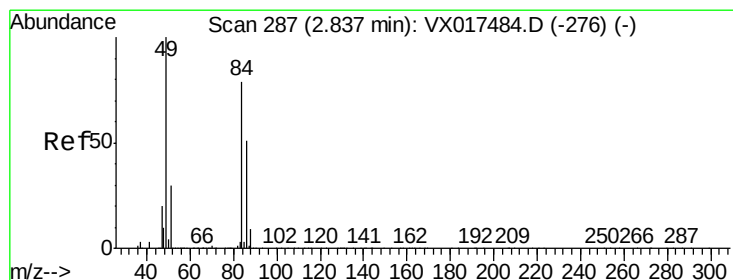
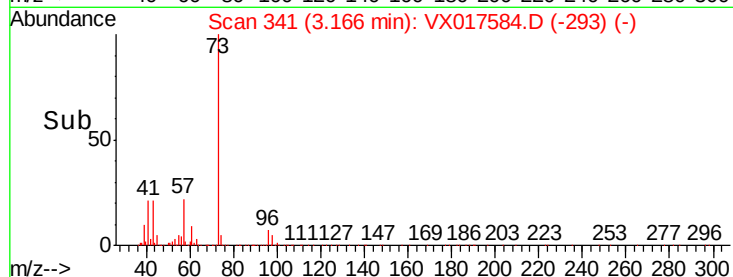
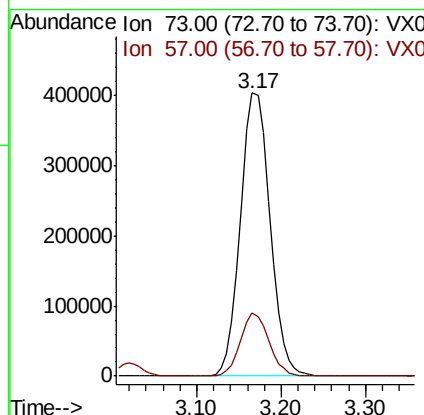
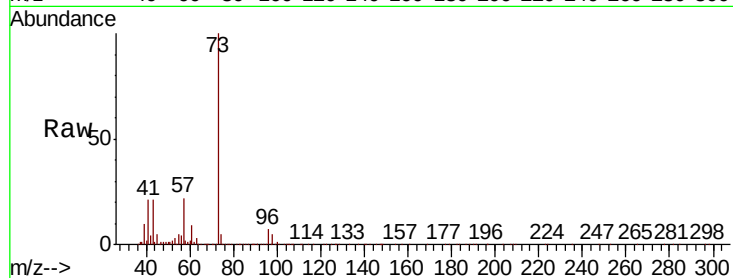




#19
Methyl tert-butyl Ether
Concen: 50.707 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

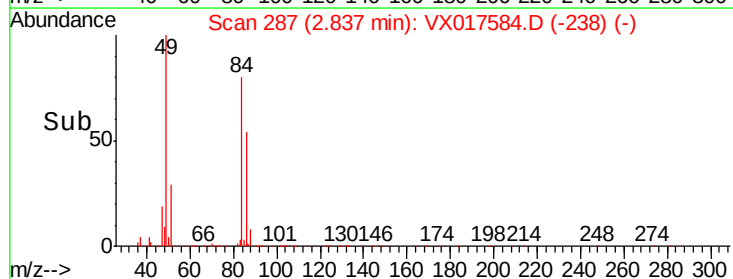
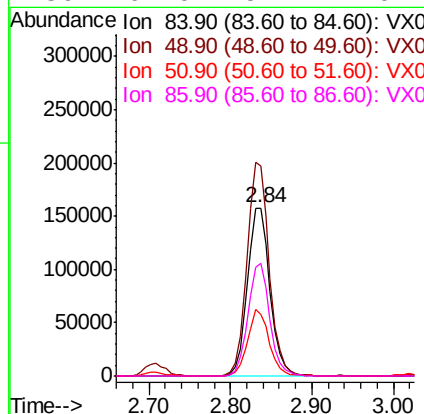
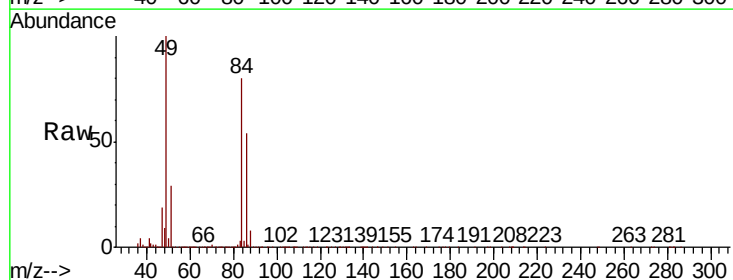
Instrument :
MSVOA_X
ClientSampled :

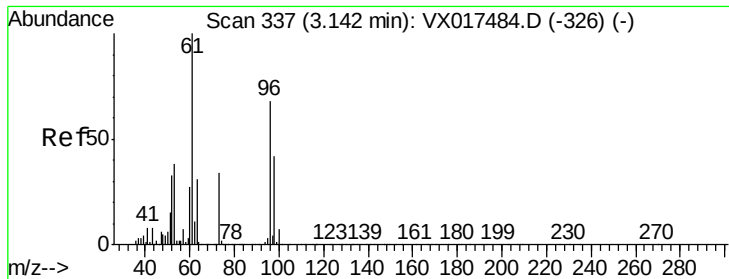
Tot Ion: 73 Resp: 956554
Ion Ratio Lower Upper
73 100
57 22.1 17.0 25.4



#20
Methylene Chloride
Concen: 54.026 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

Tgt Ion: 84 Resp: 302969
Ion Ratio Lower Upper
84 100
49 124.5 100.3 150.5
51 36.7 30.5 45.7
86 67.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 49.903 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :

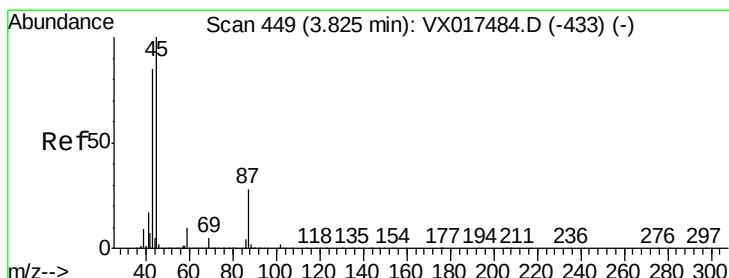
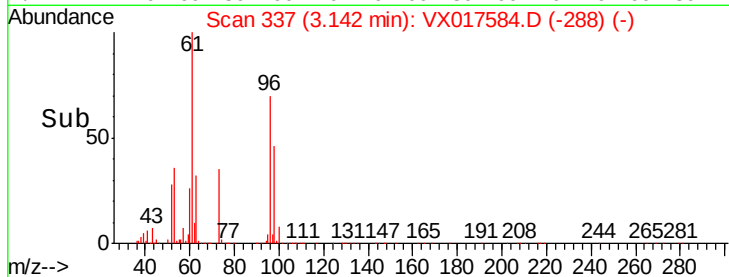
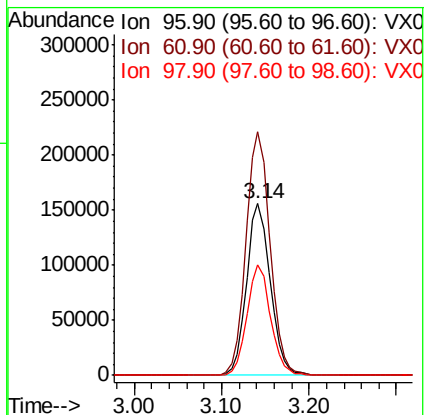
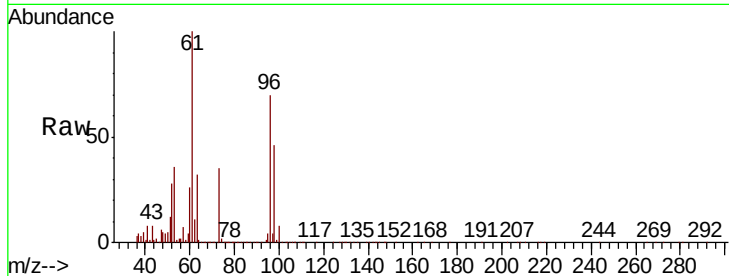
Tot Ion: 96 Resp: 291370

Ion Ratio Lower Upper

96 100

61 142.0 113.0 169.4

98 64.8 51.8 77.8



#22

Diisopropyl ether

Concen: 51.469 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

Tgt Ion: 45 Resp: 936578

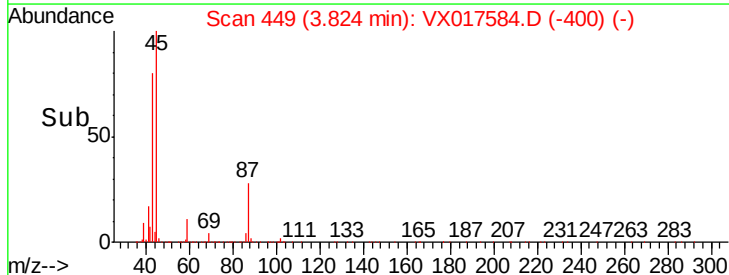
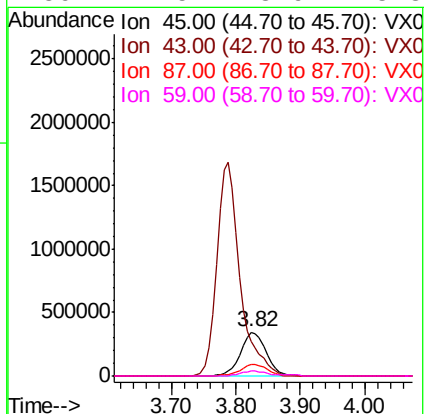
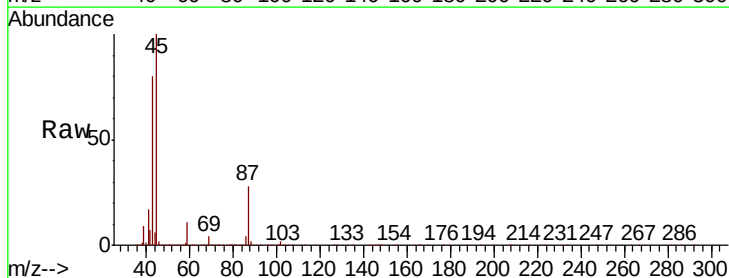
Ion Ratio Lower Upper

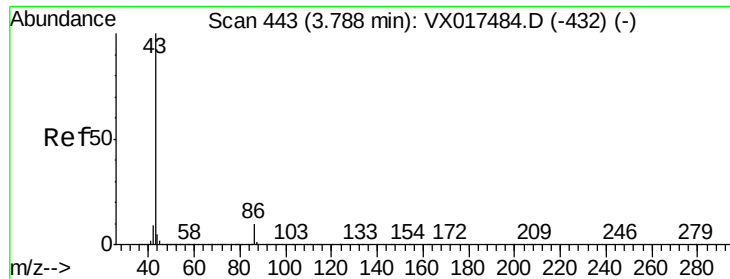
45 100

43 80.1 52.0 78.0#

87 27.5 22.2 33.4

59 11.5 8.9 13.3





#23

Vinyl Acetate

Concen: 263.270 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

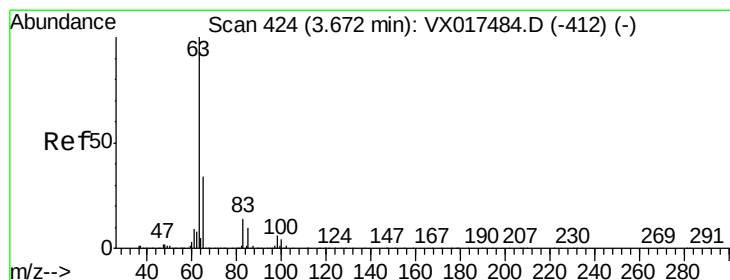
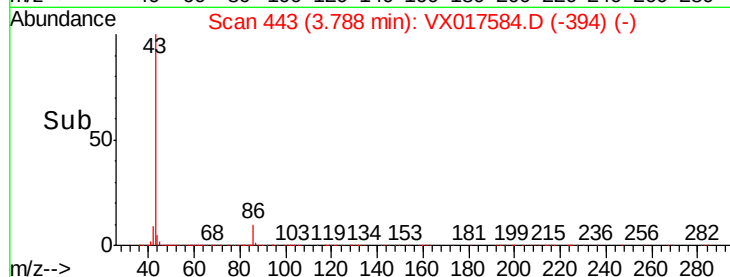
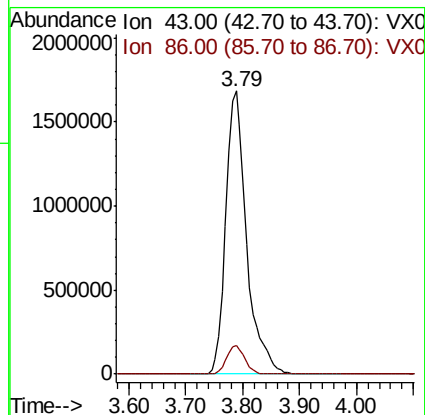
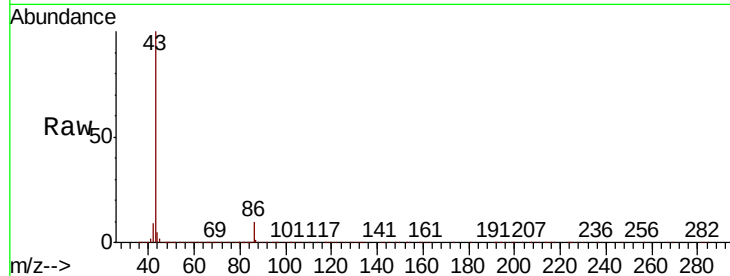
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 4271490

Ion Ratio Lower Upper

43 100

86 10.2 8.2 12.4



#24

1,1-Dichloroethane

Concen: 50.596 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

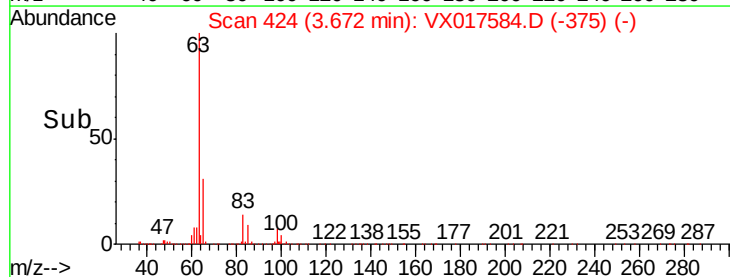
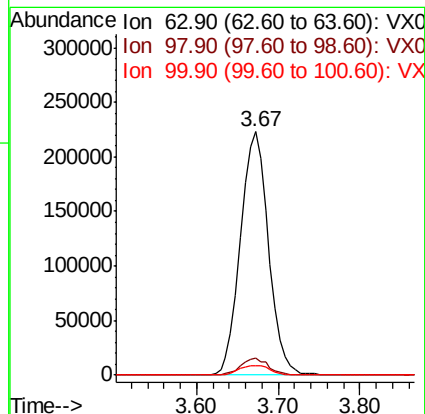
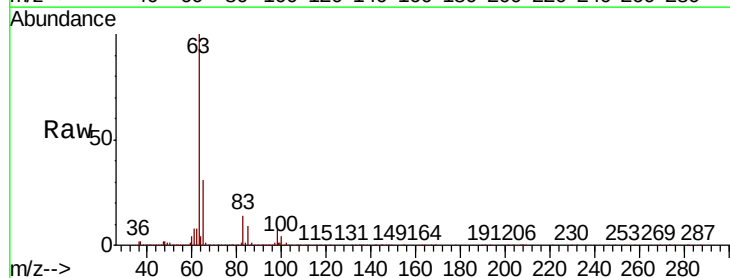
Tgt Ion: 63 Resp: 530370

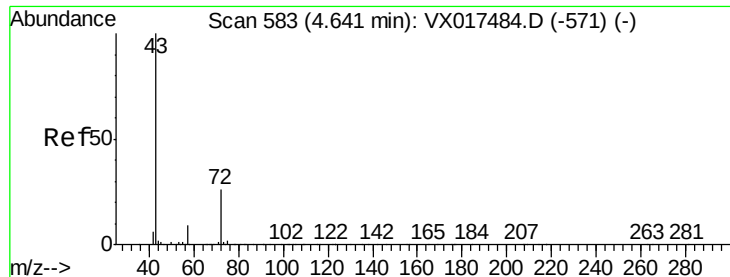
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 3.8 1.9 5.7

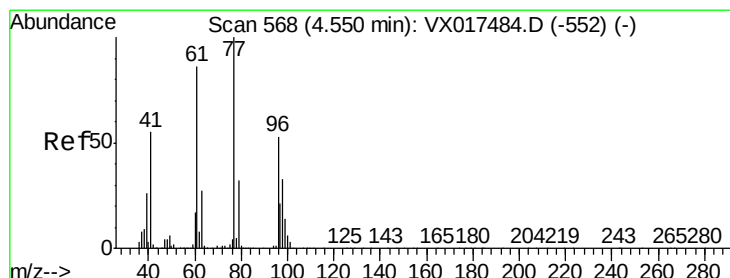
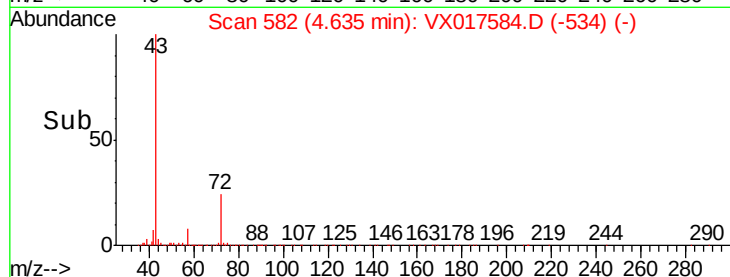
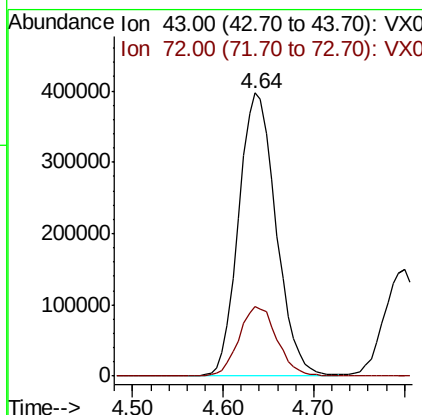
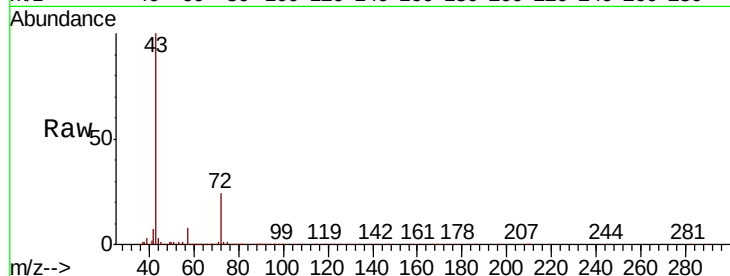




#25
2-Butanone
Concen: 266.867 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

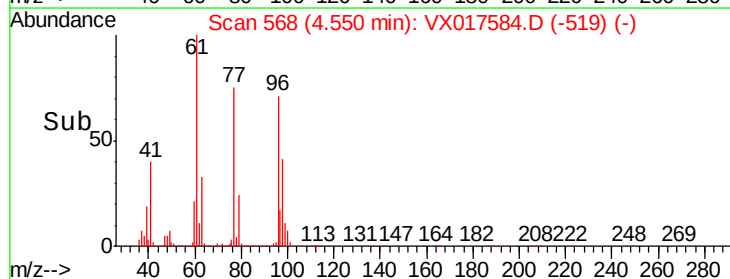
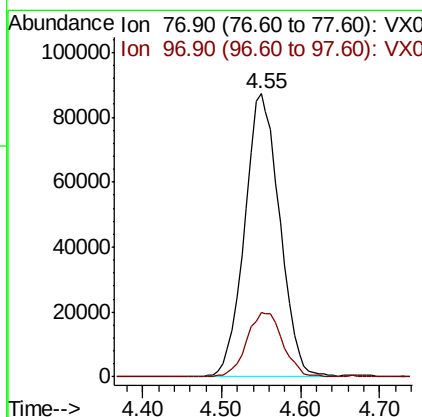
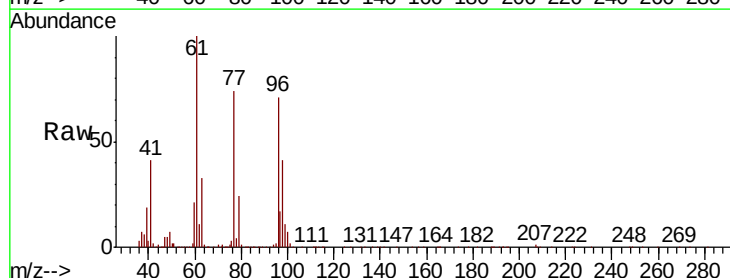
Instrument :
MSVOA_X
ClientSampleId :

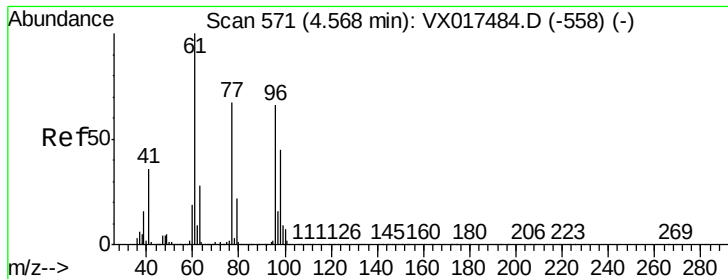
Tot Ion: 43 Resp: 1131000
Ion Ratio Lower Upper
43 100
72 24.4 19.0 28.4



#26
2,2-Dichloropropane
Concen: 28.650 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

Tgt Ion: 77 Resp: 268826
Ion Ratio Lower Upper
77 100
97 23.5 10.9 32.9



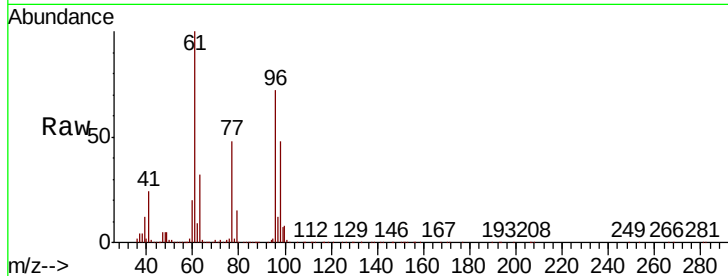


#27

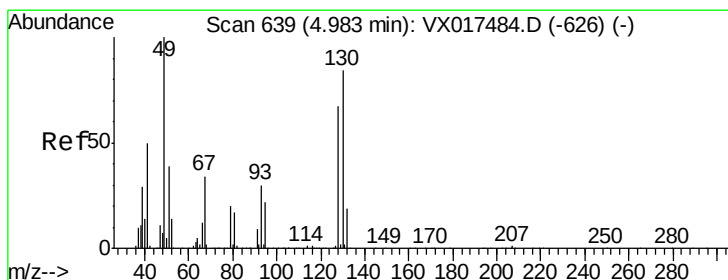
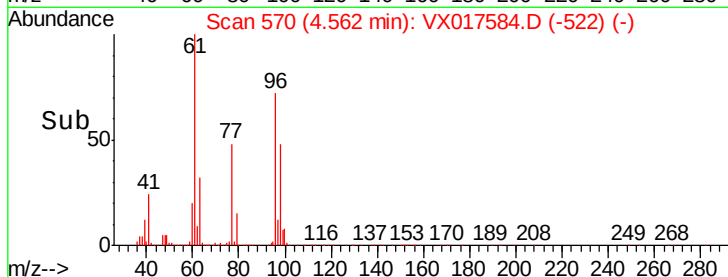
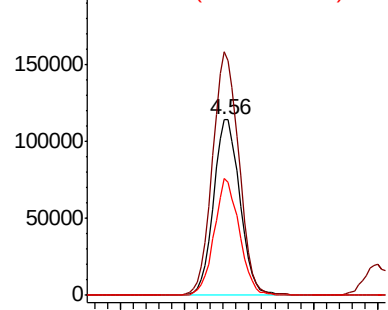
cis-1,2-Dichloroethene
 Concen: 50.679 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	301.2
98	63.0	0.0	130.0



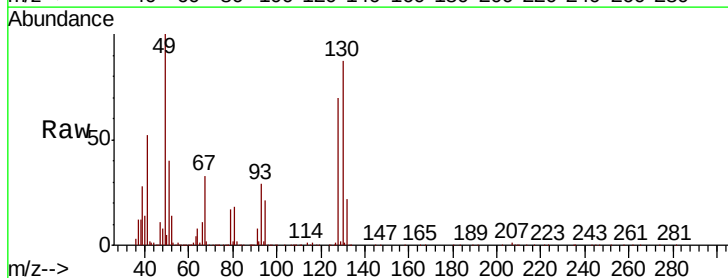
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



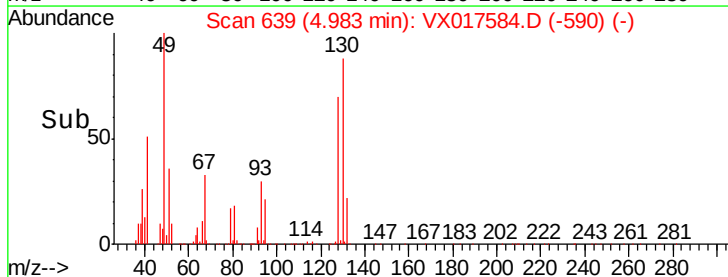
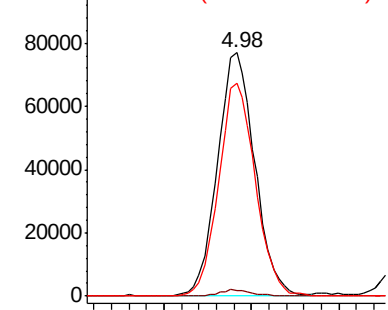
#28

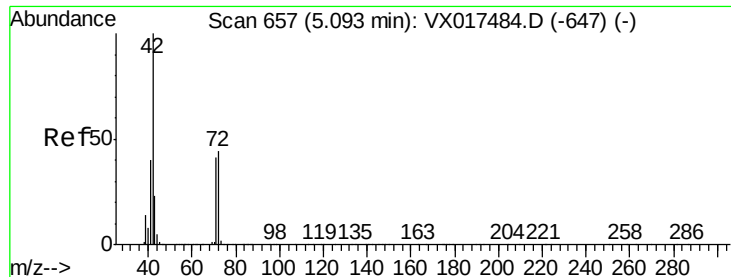
Bromochloromethane
 Concen: 48.233 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	85.8	66.7	100.1



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: 271.076 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

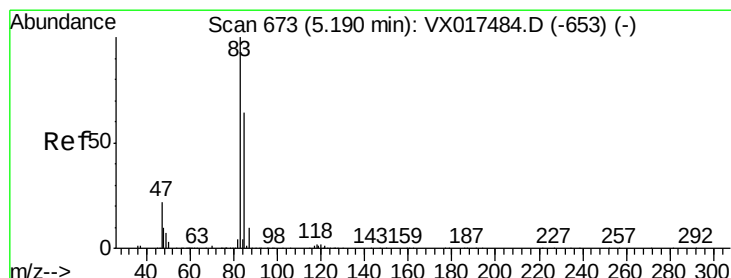
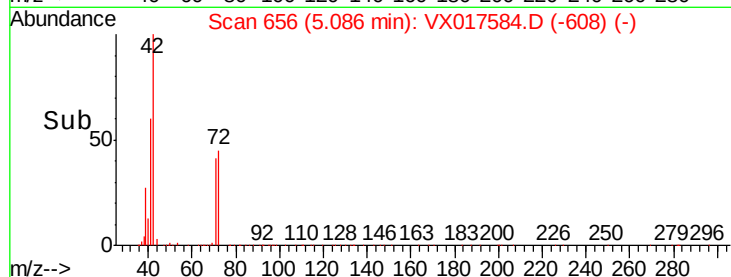
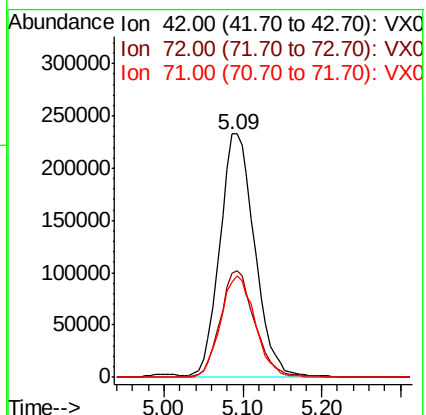
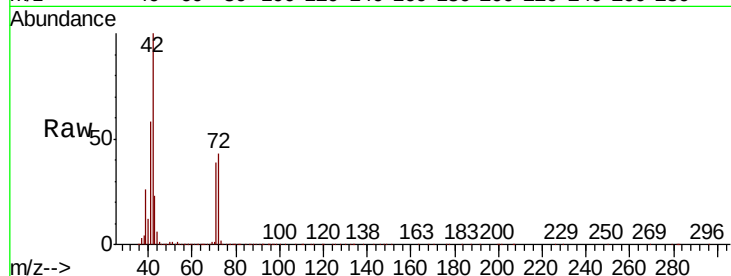
Tot Ion: 42 Resp: 711621

Ion Ratio Lower Upper

42 100

72 43.5 35.5 53.3

71 41.6 33.0 49.4



#30

Chloroform

Concen: 50.324 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017584.D

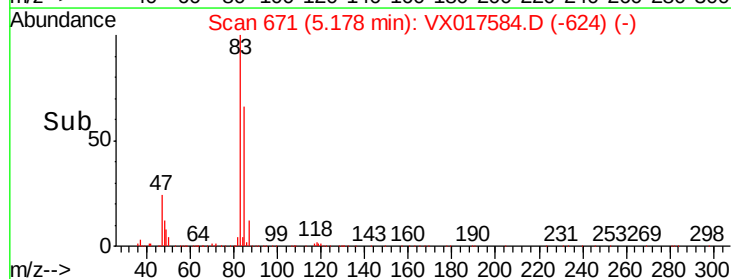
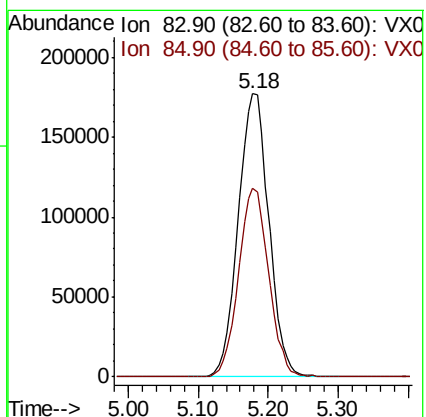
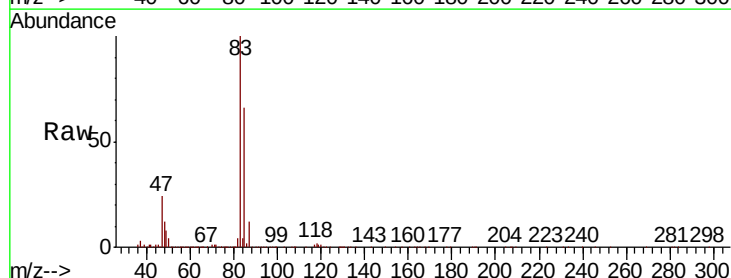
Acq: 25 Jul 2020 10:18

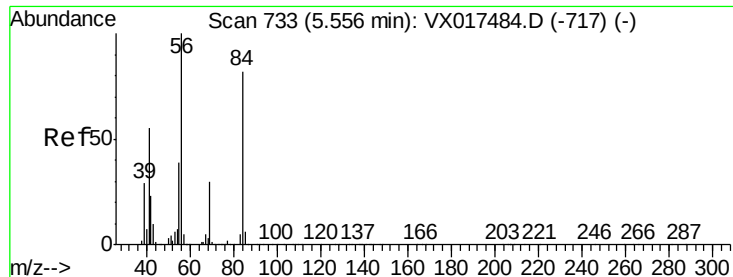
Tgt Ion: 83 Resp: 539001

Ion Ratio Lower Upper

83 100

85 66.5 51.4 77.2

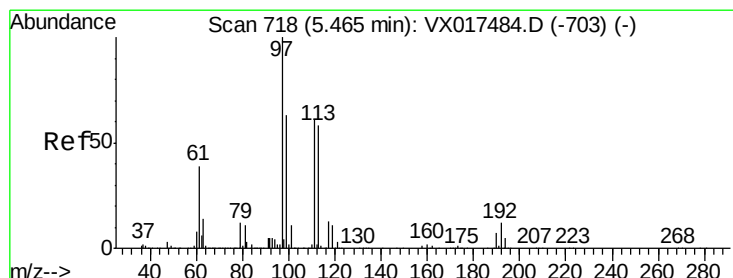
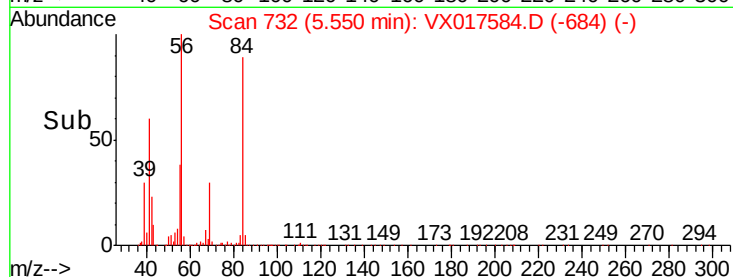
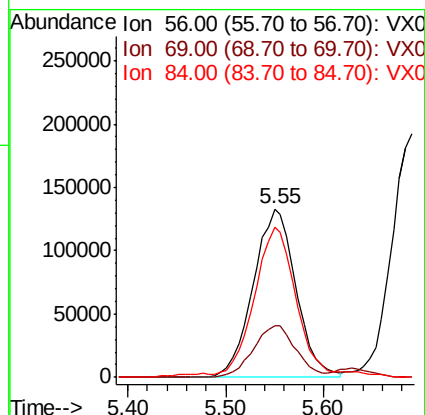
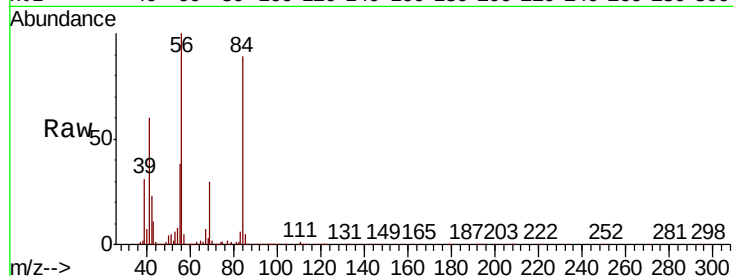




#31
Cyclohexane
Concen: 48.128 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

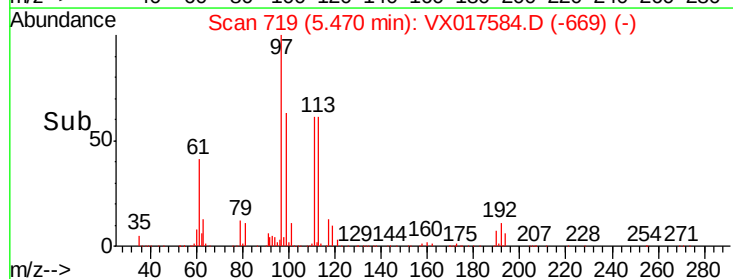
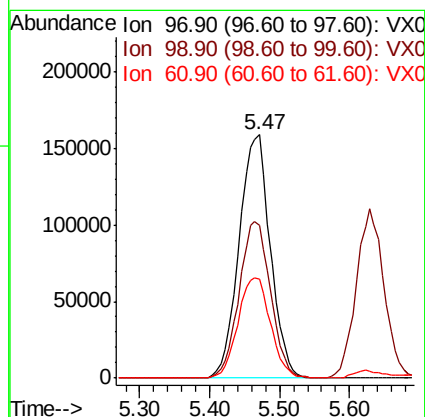
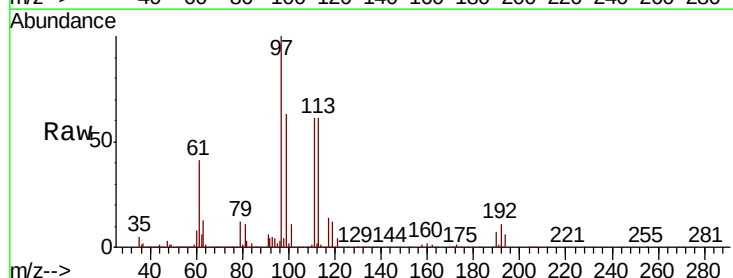
Instrument :
MSVOA_X
ClientSampled :

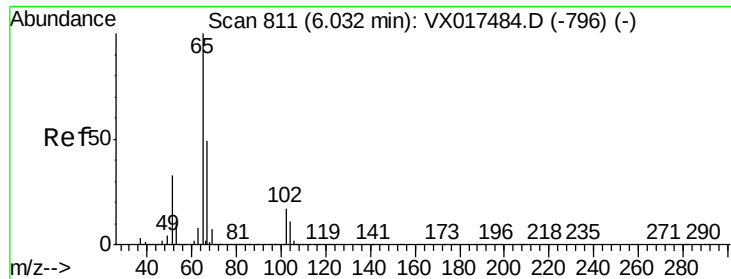
Tot Ion: 56 Resp: 402314
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.4
84 87.3 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 48.747 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

Tgt Ion: 97 Resp: 492340
Ion Ratio Lower Upper
97 100
99 64.9 51.9 77.9
61 42.7 34.1 51.1

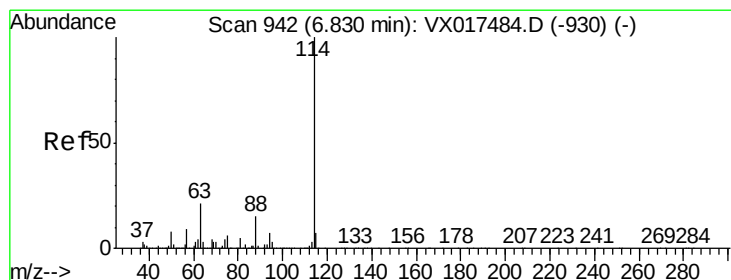
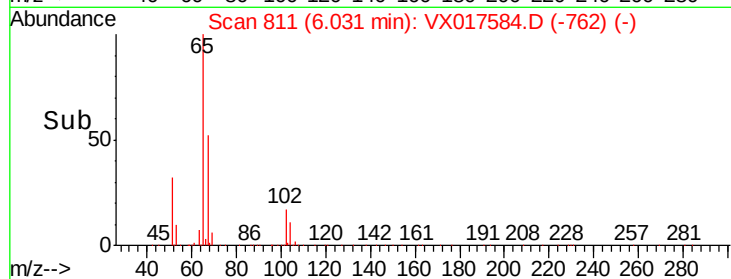
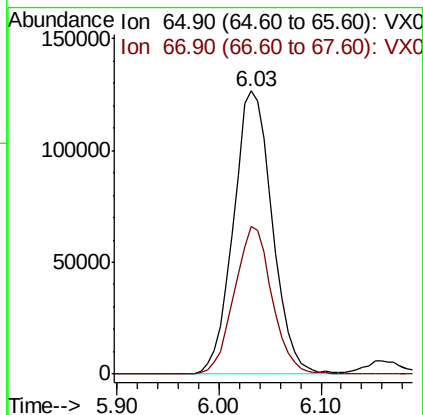
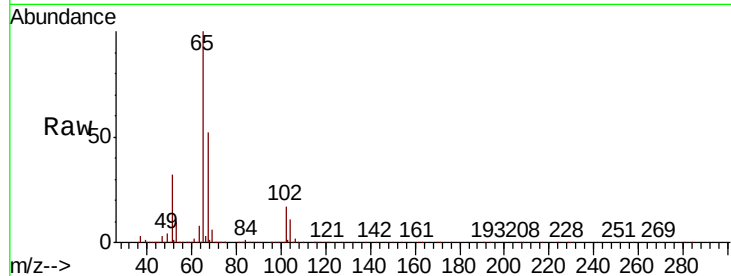




#33
 1,2-Dichloroethane-d4
 Concen: 49.338 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

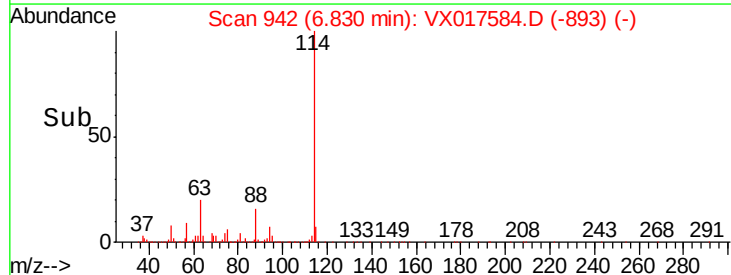
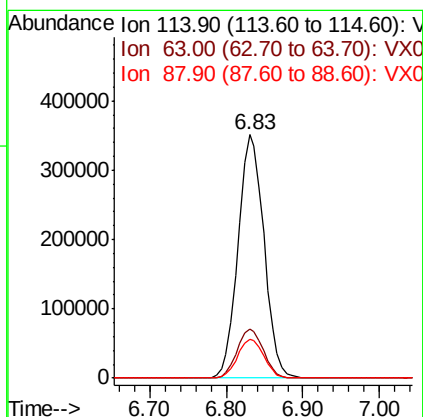
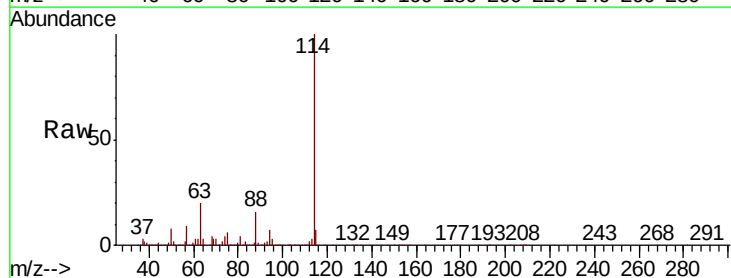
Instrument :
 MSVOA_X
 ClientSampled :

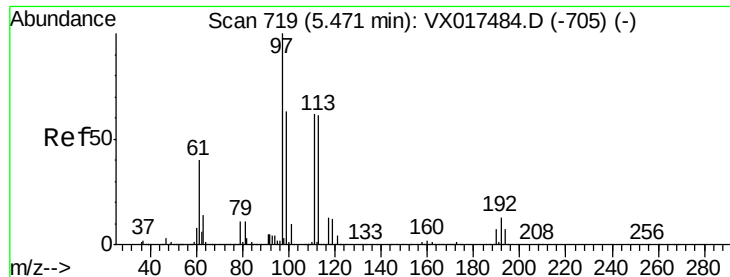
Tot Ion: 65 Resp: 334419
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

Tgt Ion: 114 Resp: 827268
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.6
 88 15.8 0.0 33.4

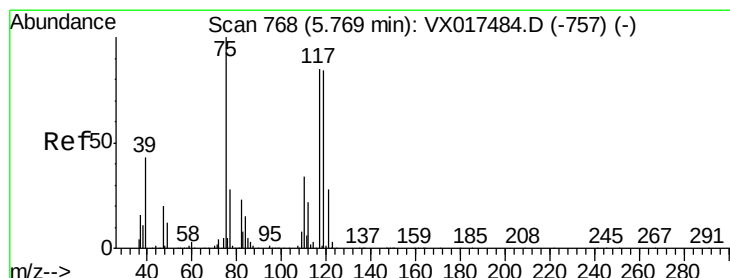
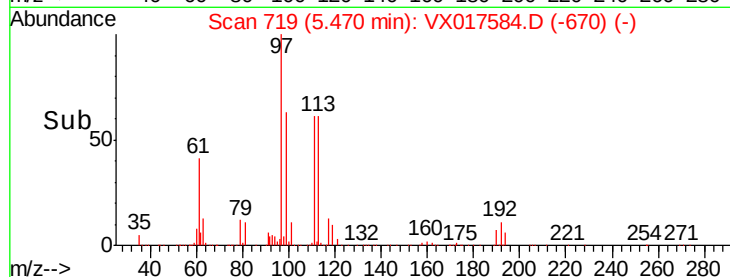
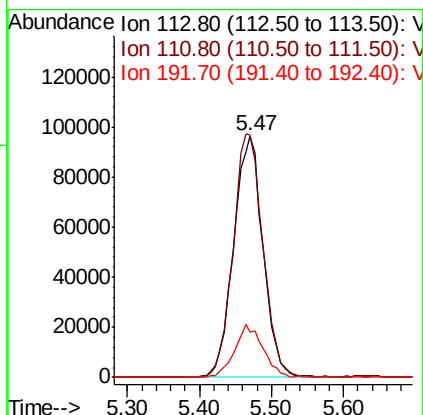
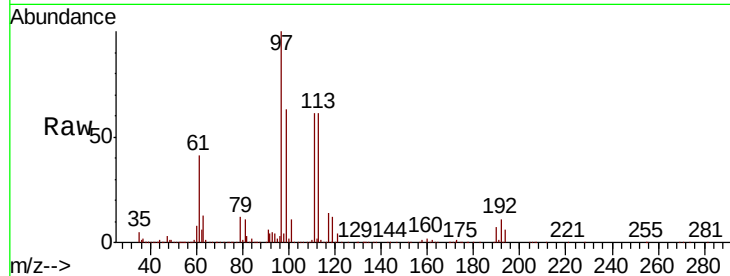




#35
 Dibromofluoromethane
 Concen: 49.249 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

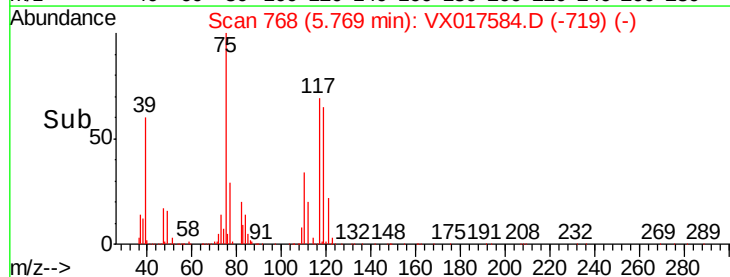
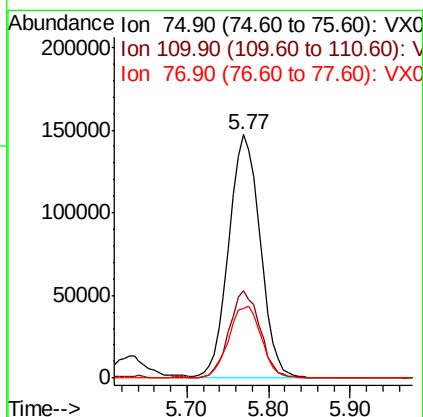
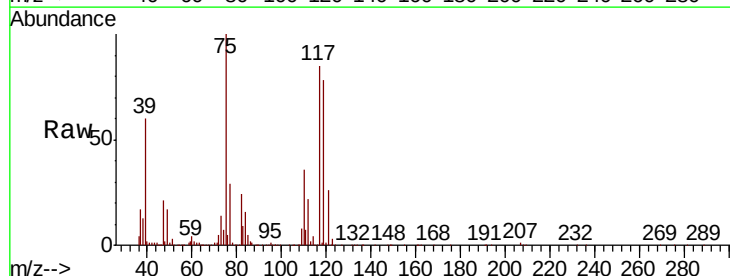
Instrument :
 MSVOA_X
 ClientSampled :

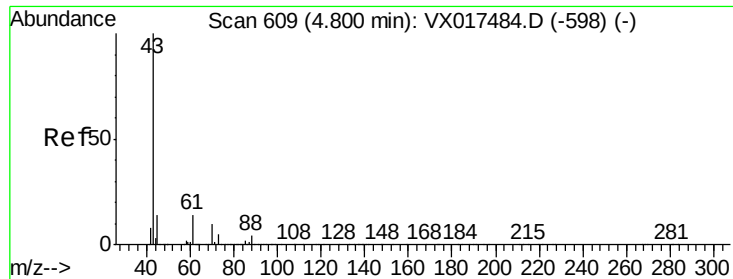
Tot Ion:113 Resp: 272484
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.7 121.1
 192 20.8 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 49.430 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

Tgt Ion: 75 Resp: 392189
 Ion Ratio Lower Upper
 75 100
 110 35.5 18.1 54.3
 77 30.6 24.6 37.0

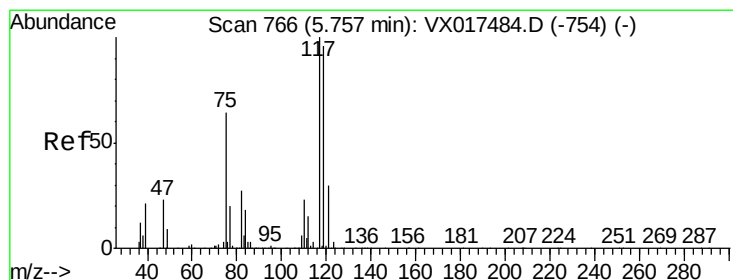
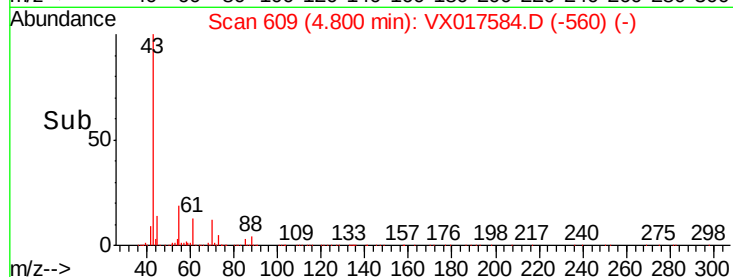
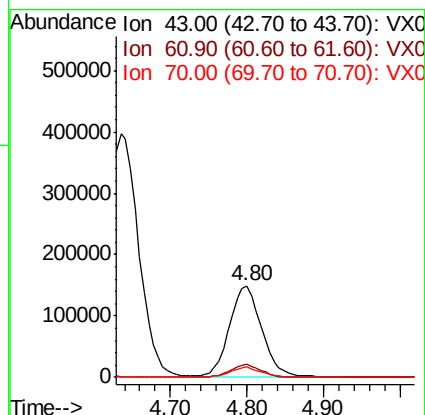
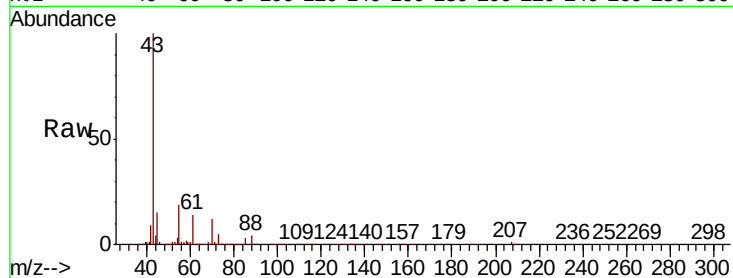




#37
Ethyl Acetate
Concen: 49.899 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

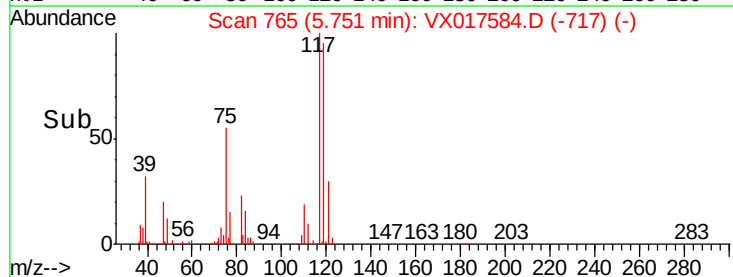
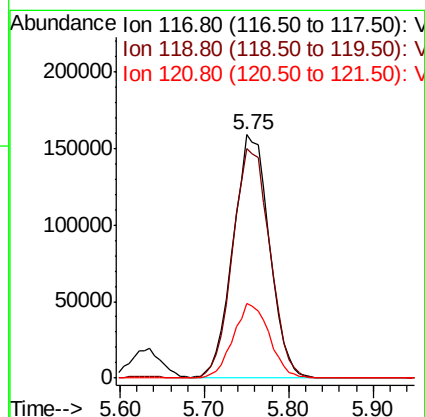
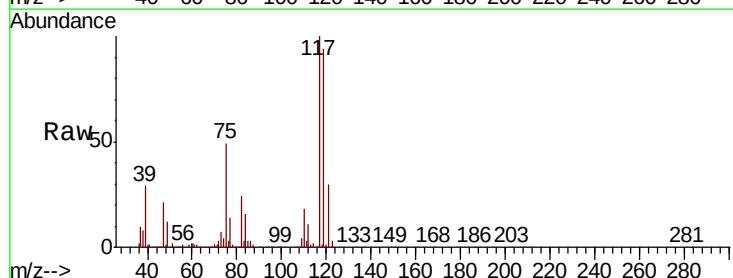
Instrument :
MSVOA_X
ClientSampled :

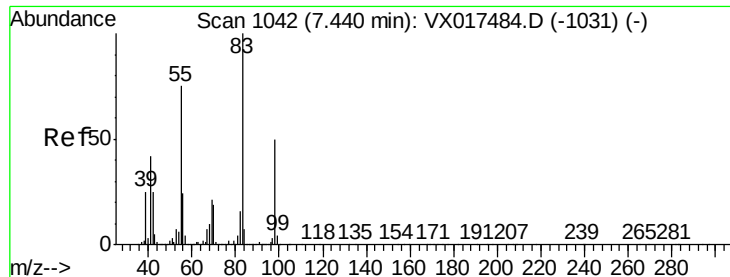
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.7	16.1
70	10.6	8.5	12.7



#38
Carbon Tetrachloride
Concen: 48.100 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.4	113.0
121	30.4	24.3	36.5

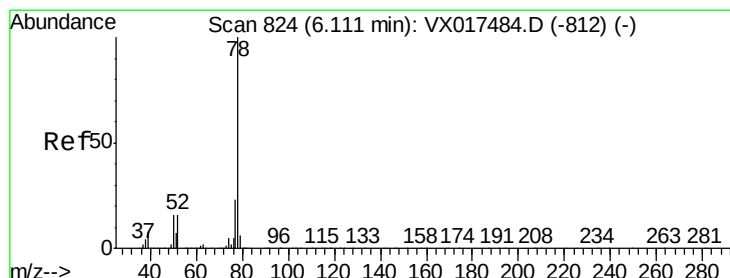
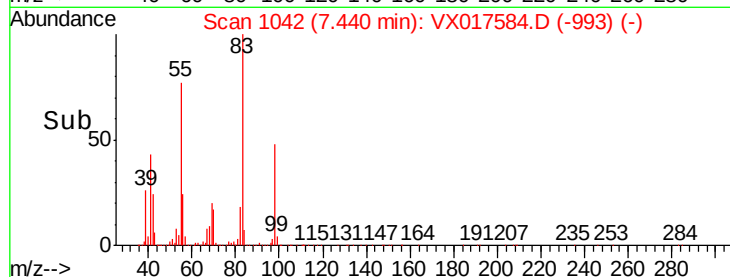
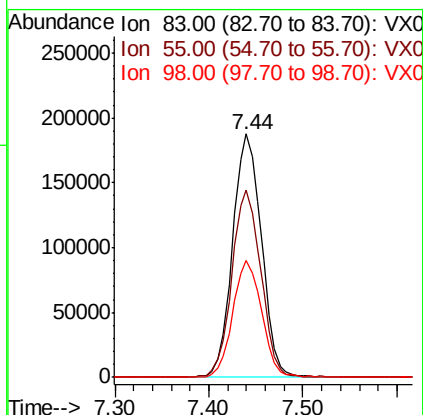
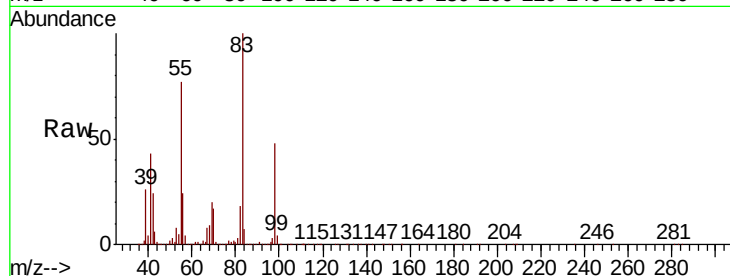




#39
Methylvlcyclohexane
Concen: 43.297 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

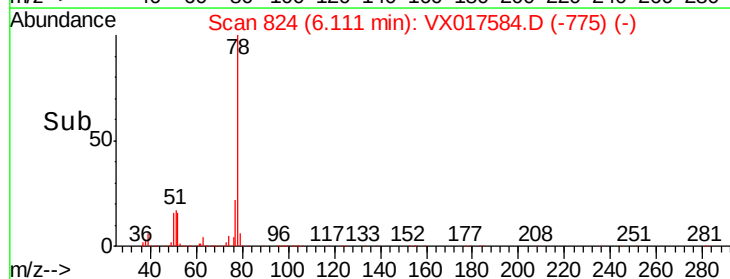
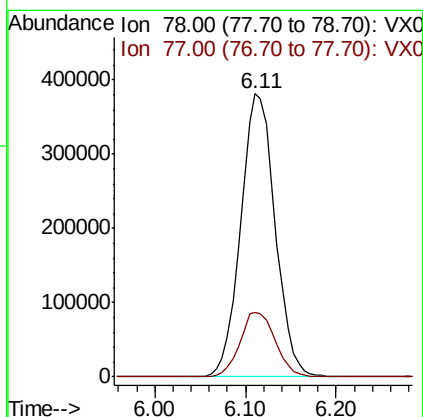
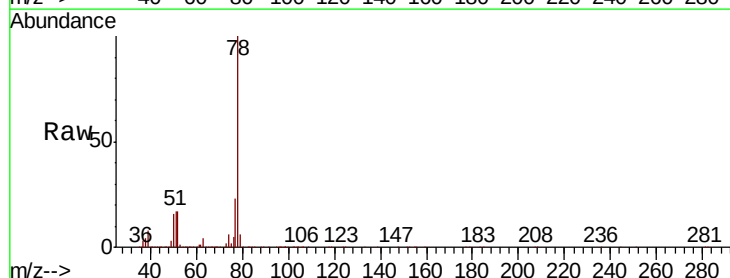
Instrument :
MSVOA_X
ClientSampled :

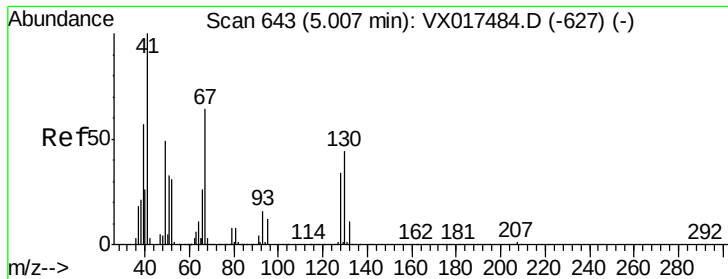
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.8	61.8	92.8
98	47.8	36.9	55.3



#40
Benzene
Concen: 43.980 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.4	29.2

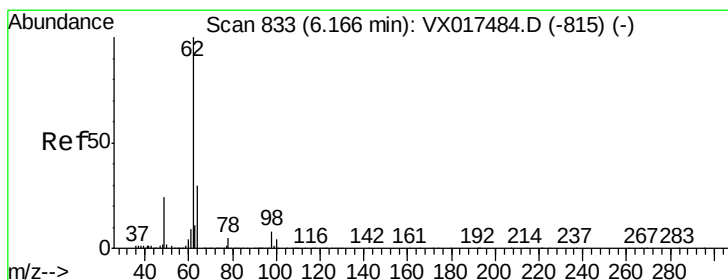
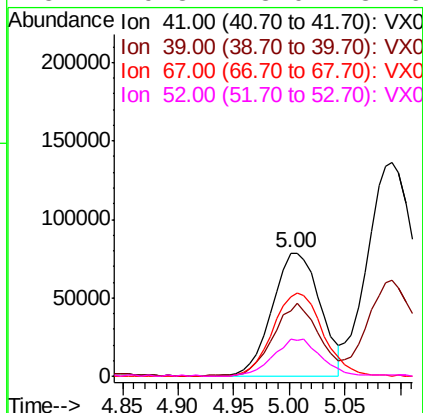
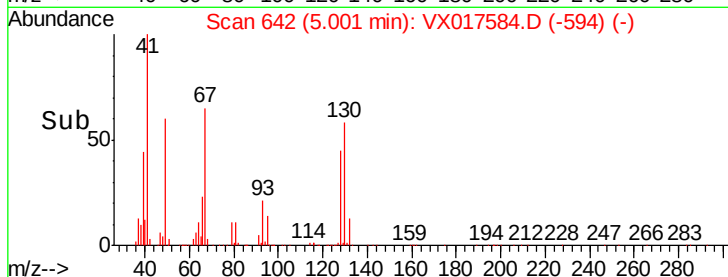
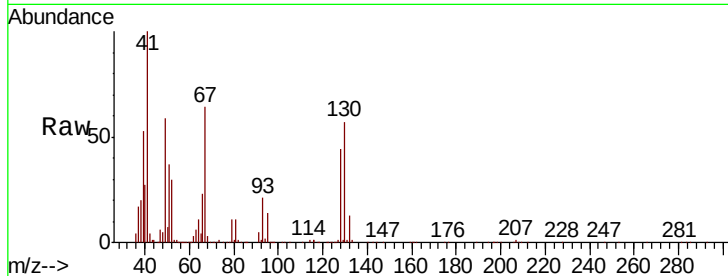




#41
Methacrylonitrile
Concen: 47.750 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

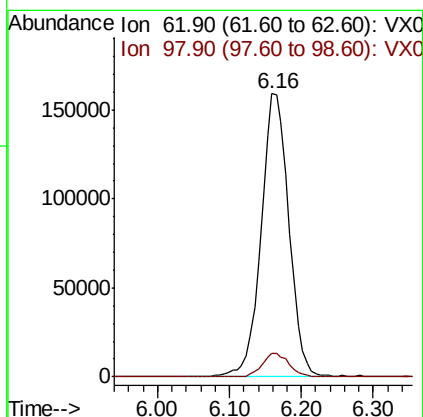
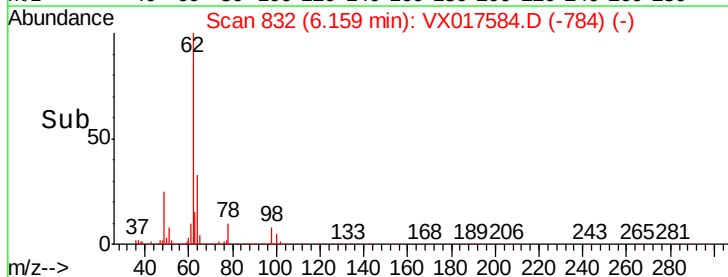
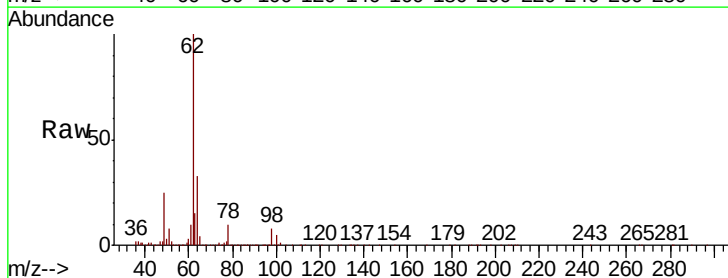
Instrument :
MSVOA_X
ClientSampled :

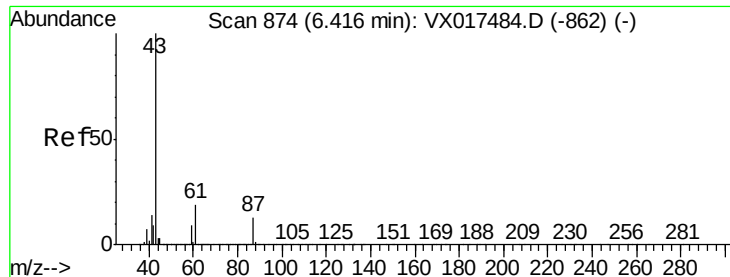
Tot Ion:	41	Resp:	237603
Ion	Ratio	Lower	Upper
41	100		
39	56.1	43.9	65.9
67	69.4	54.0	81.0
52	29.8	23.0	34.6



#42
1,2-Dichloroethane
Concen: 45.631 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

Tgt Ion:	62	Resp:	424642
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.0





#43

Isopropyl Acetate

Concen: 43.941 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

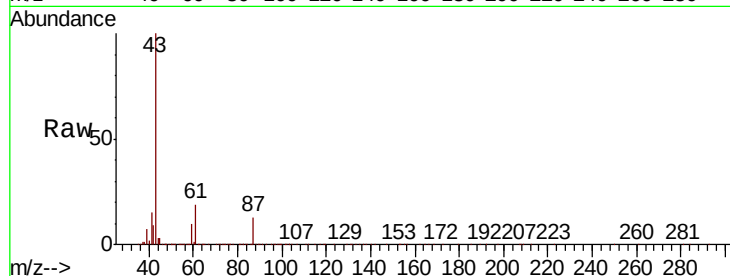
Tot Ion: 43 Resp: 629390

Ion Ratio Lower Upper

43 100

61 19.2 15.5 23.3

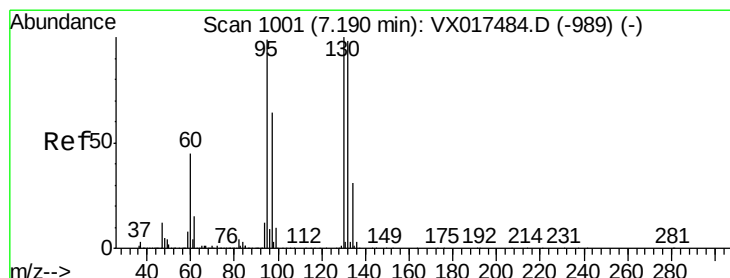
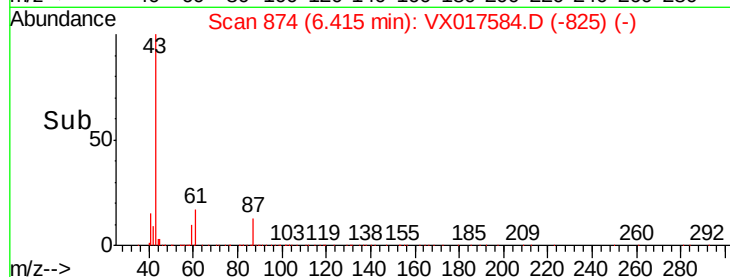
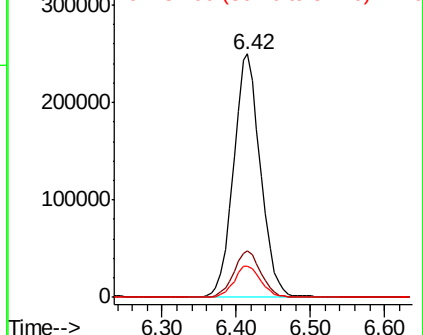
87 13.0 10.5 15.7



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: 49.691 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017584.D

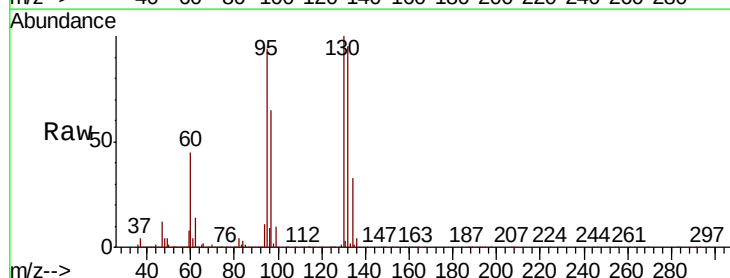
Acq: 25 Jul 2020 10:18

Tgt Ion:130 Resp: 330326

Ion Ratio Lower Upper

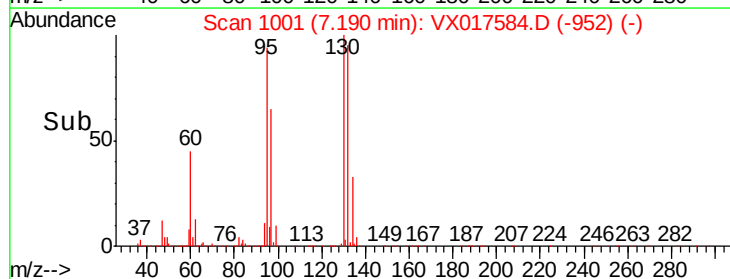
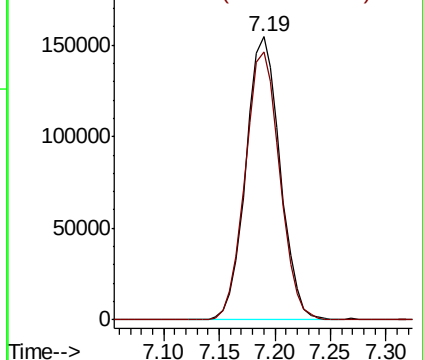
130 100

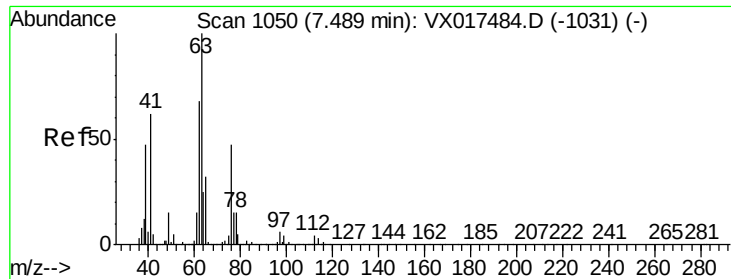
95 94.4 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

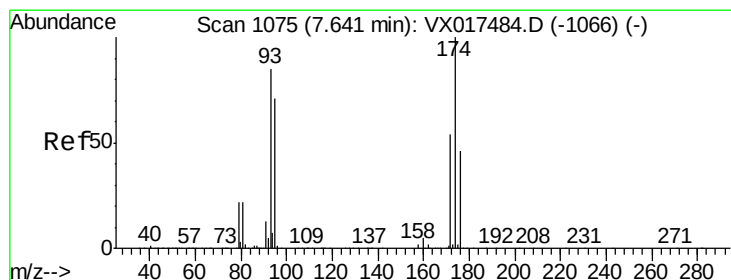
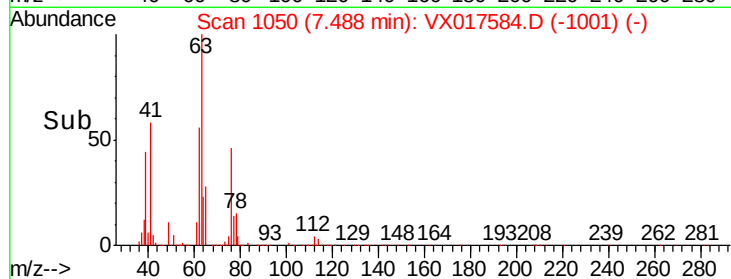
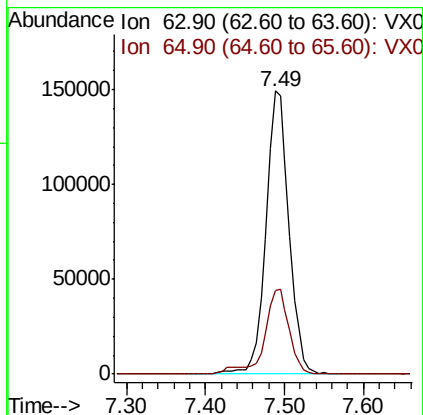
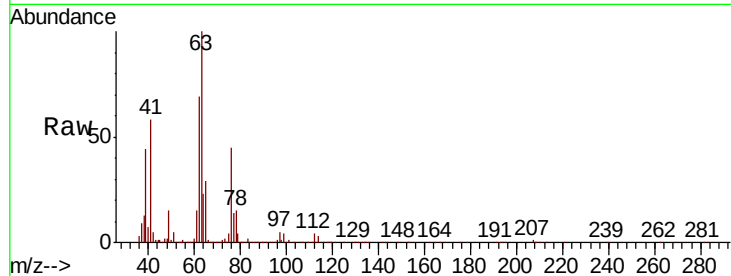




#45
 1,2-Dichloropropane
 Concen: 47.621 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

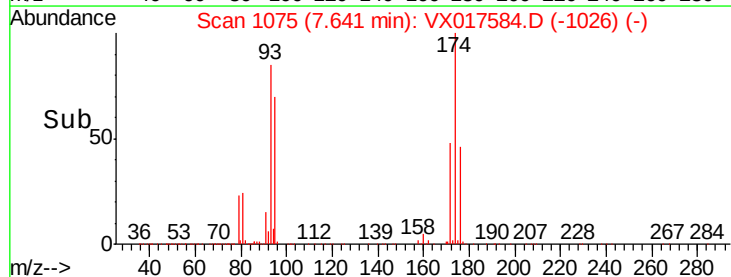
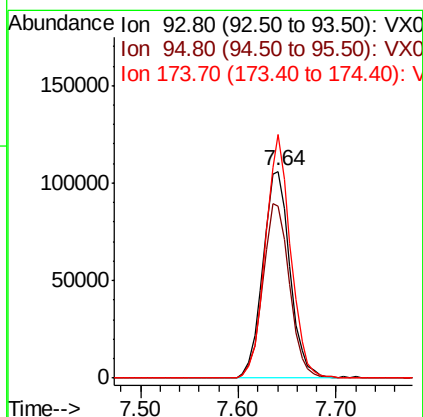
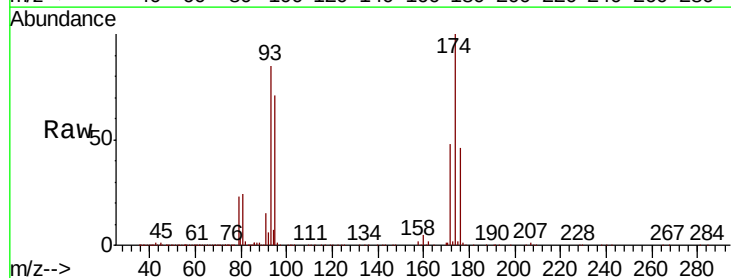
Instrument :
 MSVOA_X
 ClientSampled :

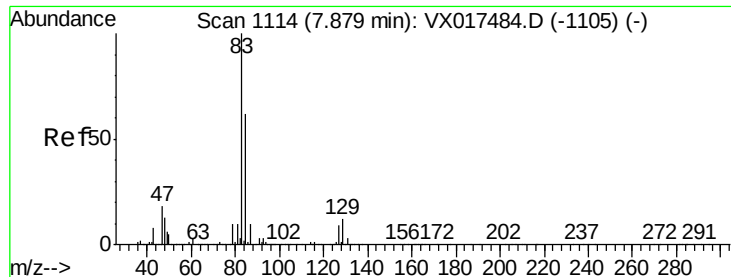
Tot Ion: 63 Resp: 300294
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.5 36.7



#46
 Dibromomethane
 Concen: 46.256 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

Tgt Ion: 93 Resp: 206135
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.6 99.8
 174 109.2 87.0 130.6





#47

Bromodichloromethane

Concen: 49.838 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

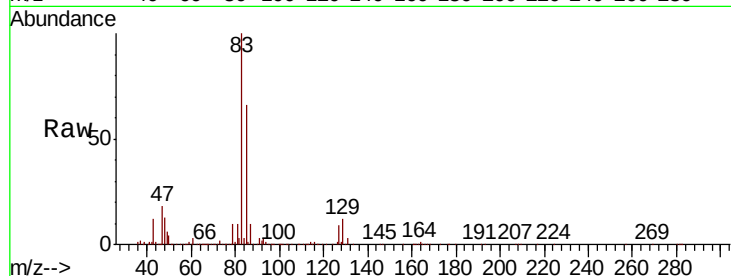
Tot Ion: 83 Resp: 446895

Ion Ratio Lower Upper

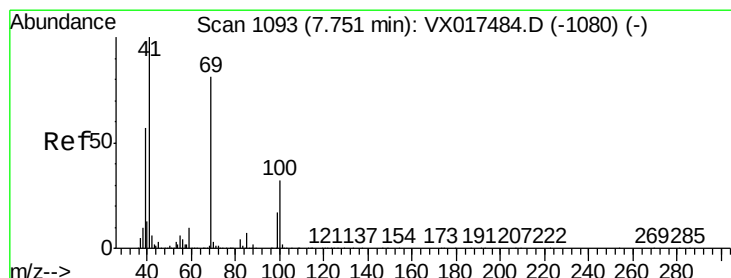
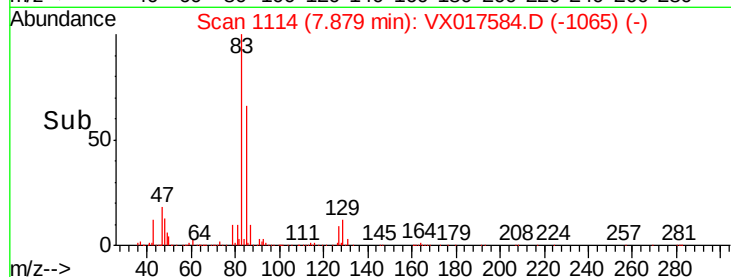
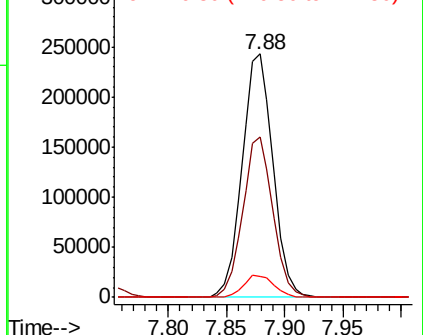
83 100

85 65.7 51.8 77.8

127 8.8 7.4 11.2



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: 47.572 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

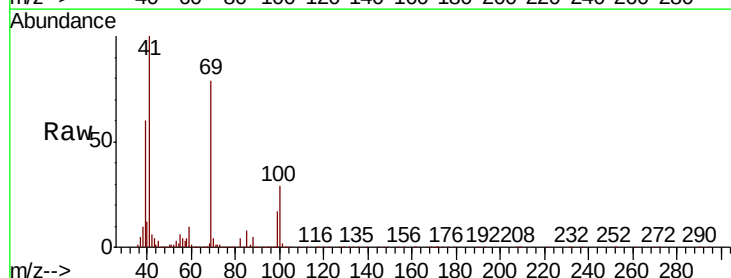
Tgt Ion: 41 Resp: 337763

Ion Ratio Lower Upper

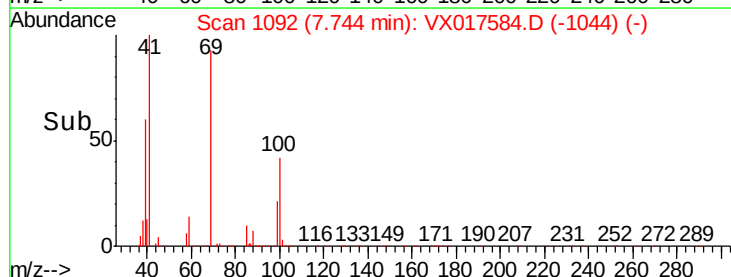
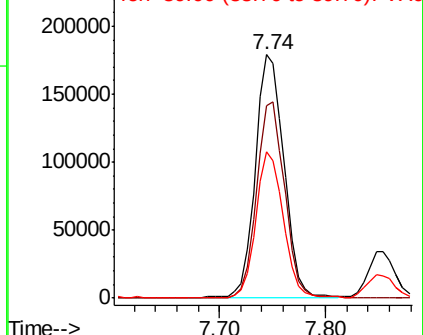
41 100

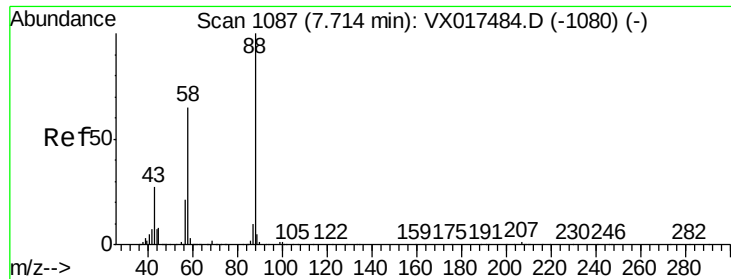
69 79.0 63.1 94.7

39 57.4 45.1 67.7



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

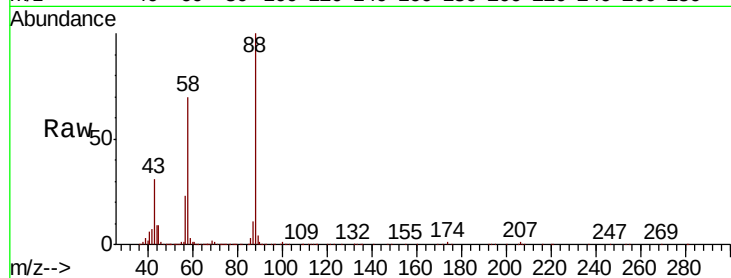




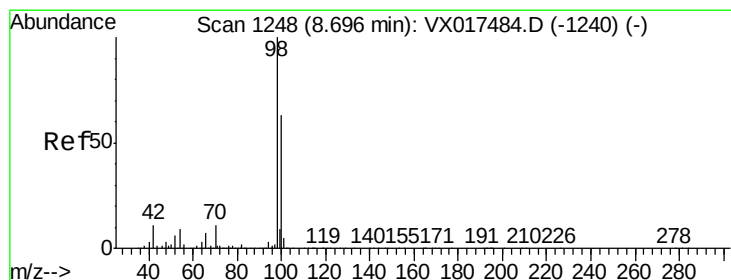
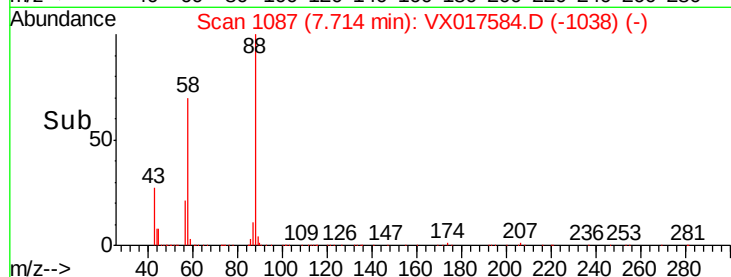
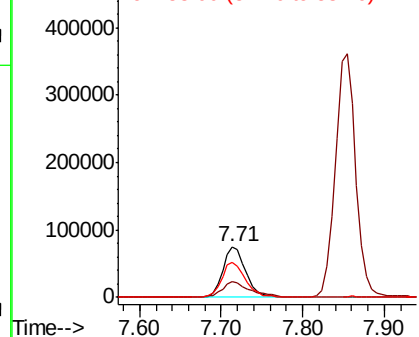
#49
1,4-Dioxane
Concen: 1077.212 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	27.8	41.6
58	71.8	58.3	87.5

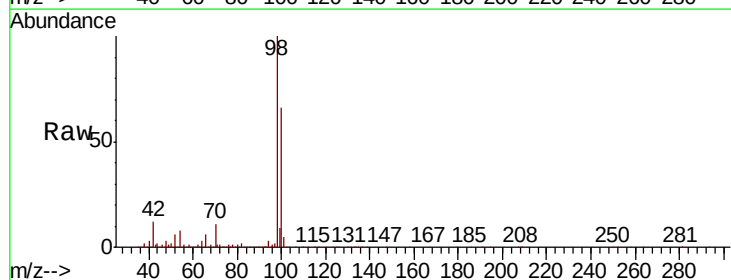


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

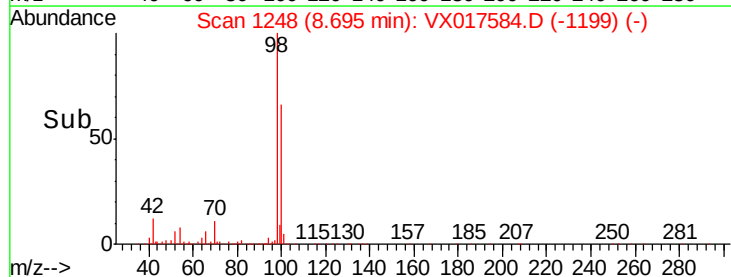
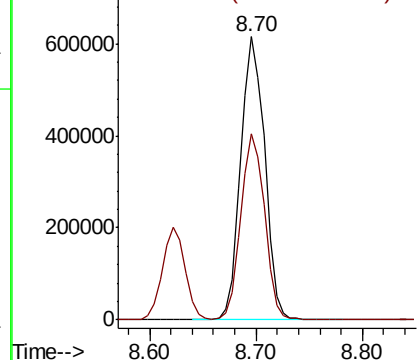


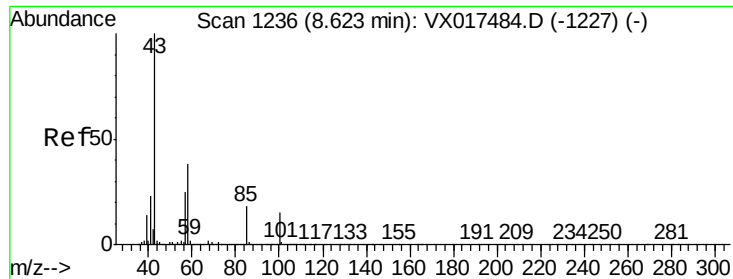
#50
Toluene-d8
Concen: 49.148 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.3	78.5



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

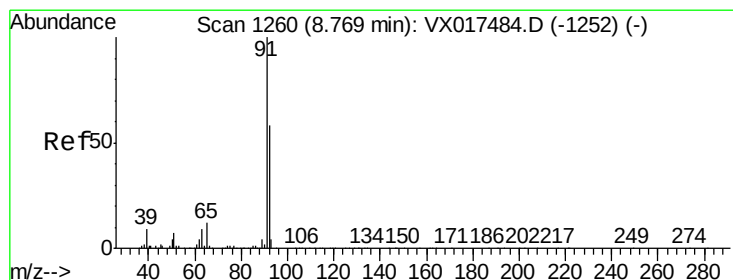
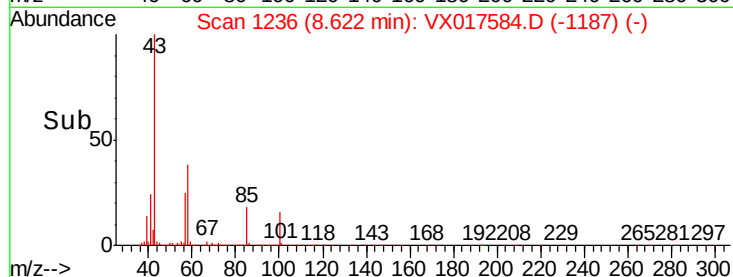
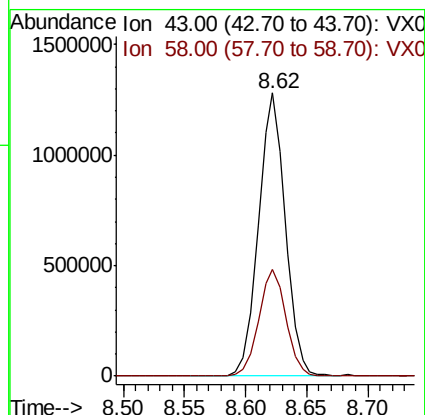
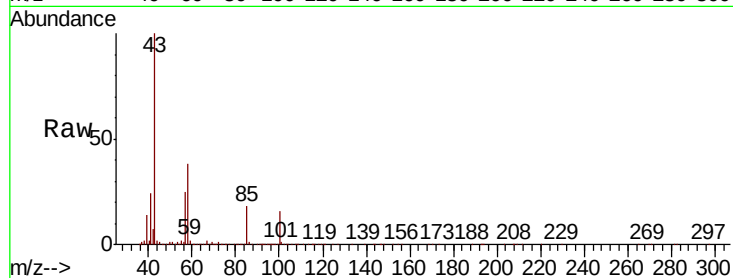




#51
 4-Methyl-2-Pentanone
 Concen: 229.151 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

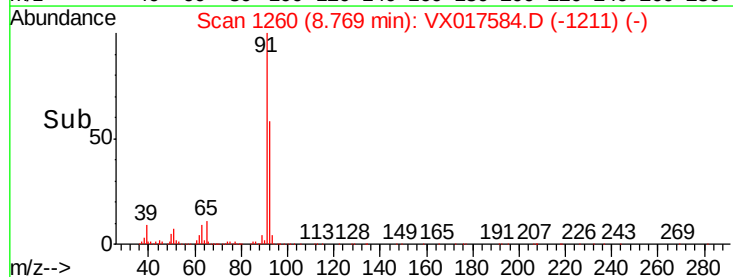
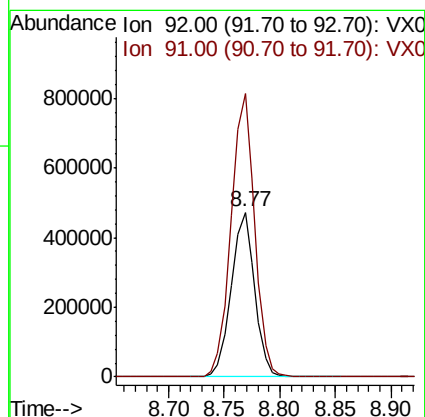
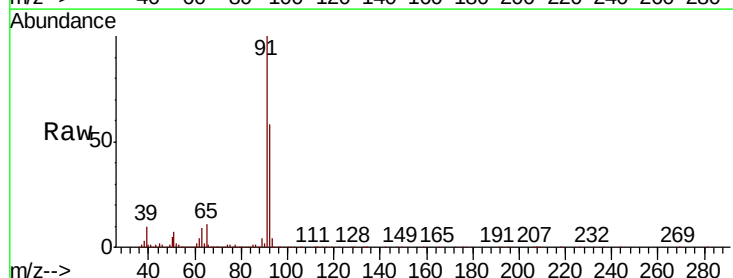
Instrument :
 MSVOA_X
 ClientSampled :

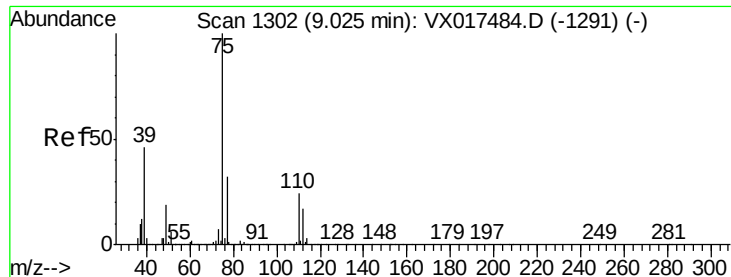
Tot Ion: 43 Resp: 1958401
 Ion Ratio Lower Upper
 43 100
 58 38.3 31.0 46.4



#52
 Toluene
 Concen: 47.032 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

Tgt Ion: 92 Resp: 686105
 Ion Ratio Lower Upper
 92 100
 91 173.1 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 45.990 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

Instrument :

MSVOA_X

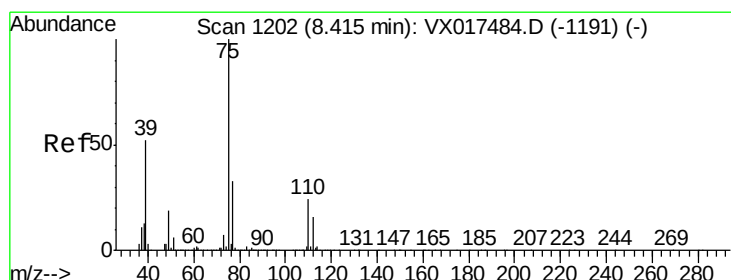
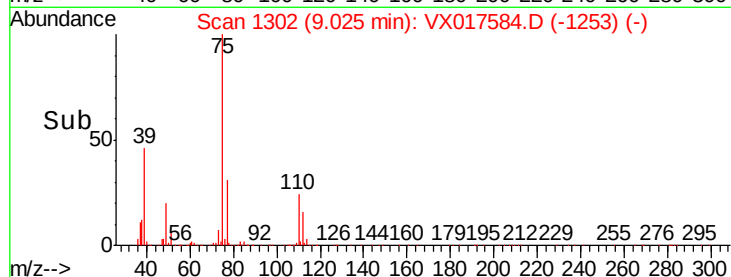
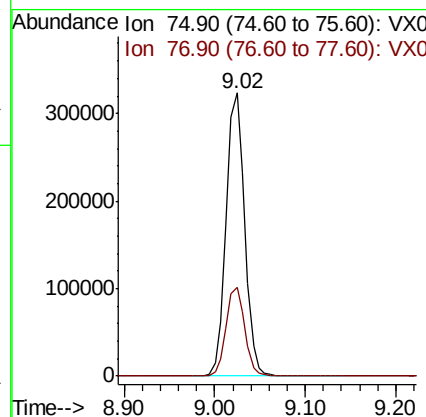
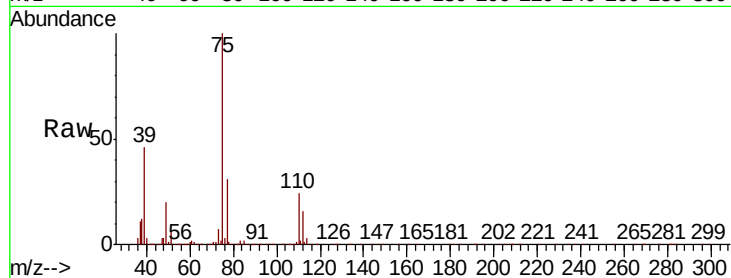
ClientSampleId :

Tot Ion: 75 Resp: 461636

Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 44.072 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

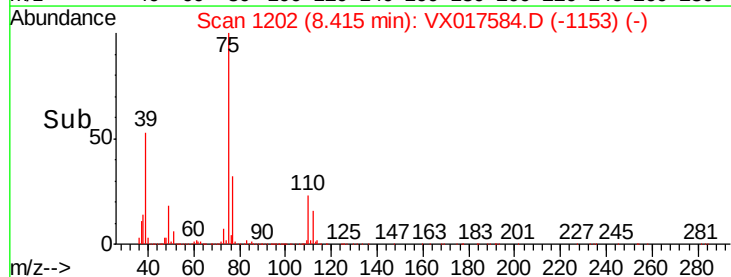
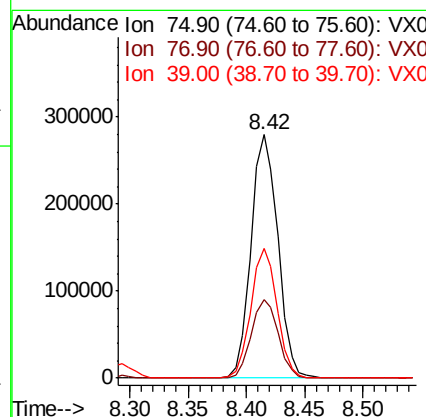
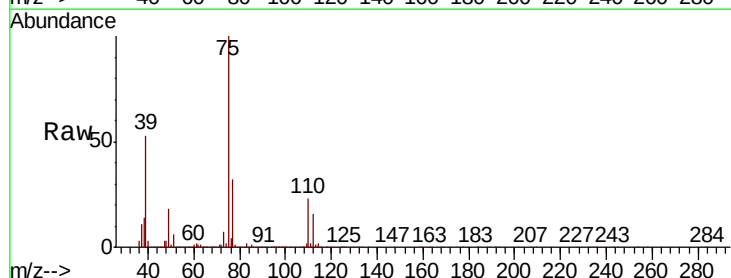
Tgt Ion: 75 Resp: 451225

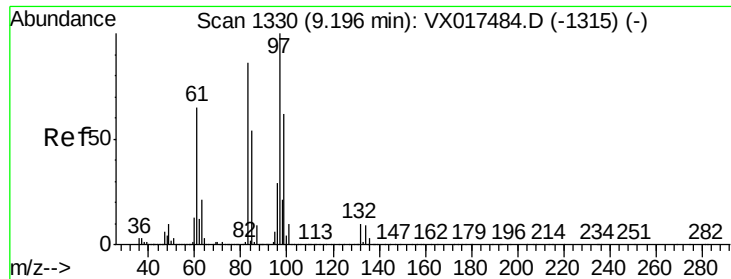
Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3

39 53.2 41.8 62.8

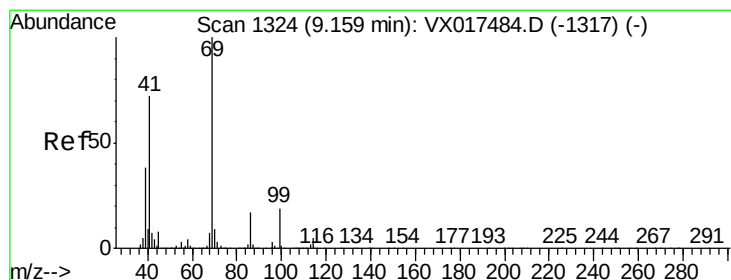
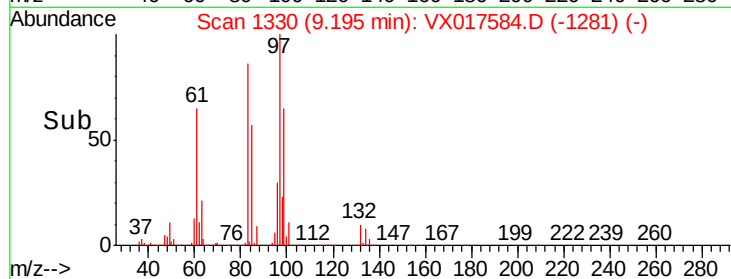
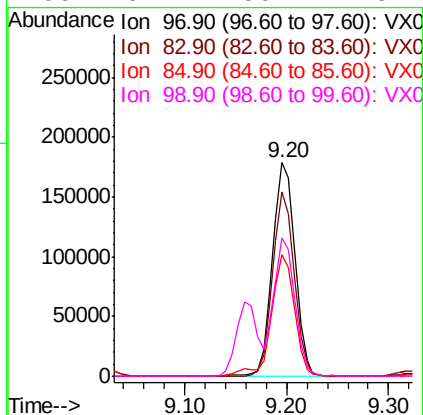
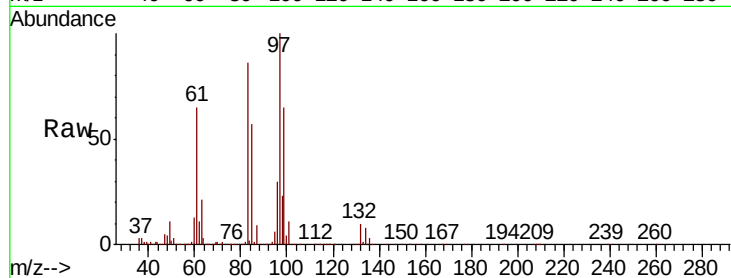




#55
 1,1,2-Trichloroethane
 Concen: 44.596 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

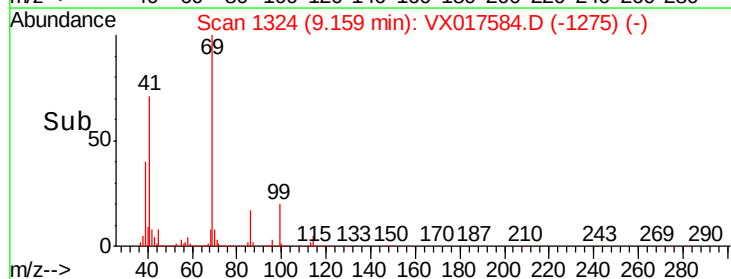
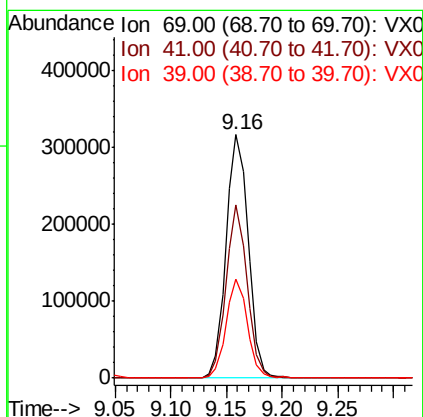
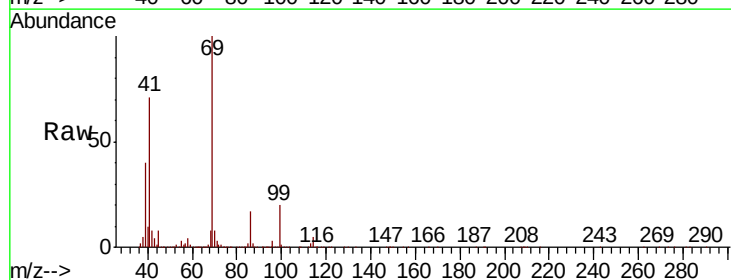
Instrument :
 MSVOA_X
 ClientSampled :

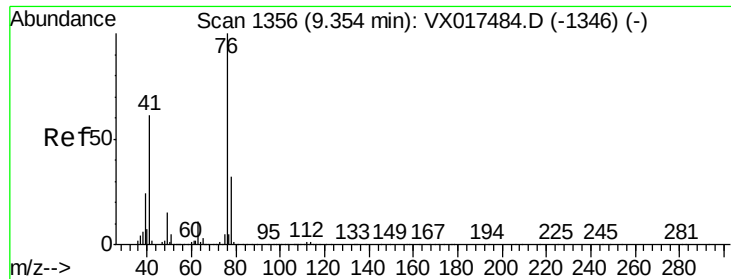
Tot Ion:	97	Resp:	271010
Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.6	101.4
85	56.7	44.6	67.0
99	64.7	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 47.713 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

Tgt Ion:	69	Resp:	436837
Ion	Ratio	Lower	Upper
69	100		
41	67.8	55.0	82.6
39	39.0	30.0	45.0

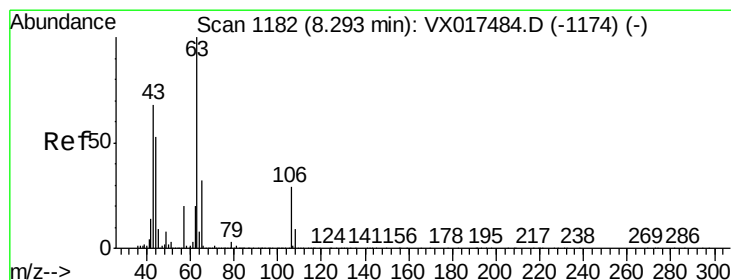
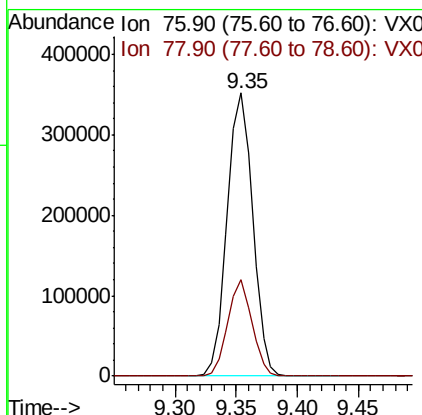
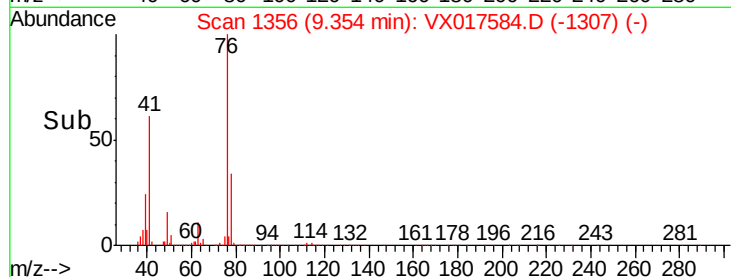
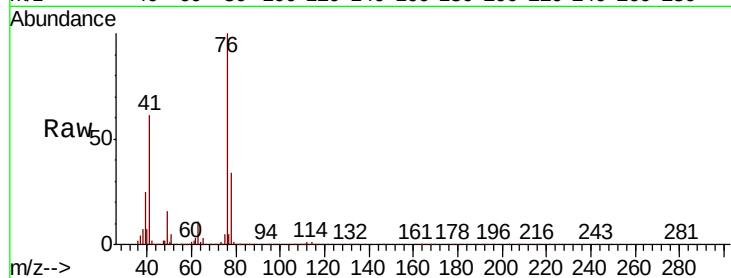




#57
 1,3-Dichloropropane
 Concen: 51.090 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

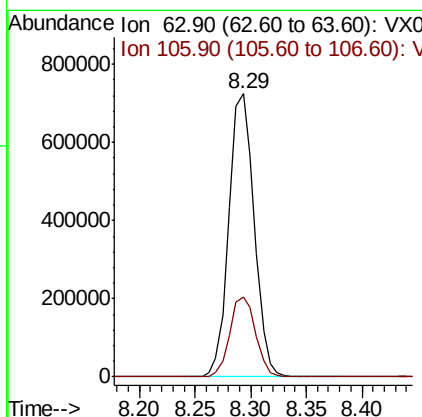
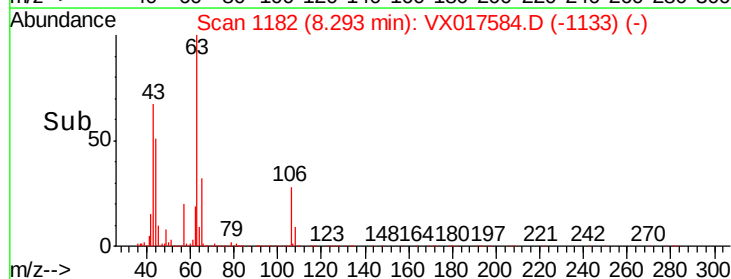
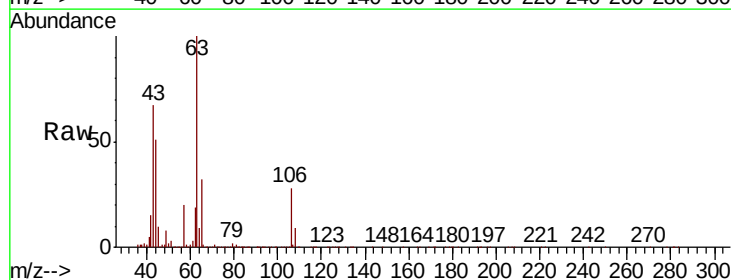
Instrument :
 MSVOA_X
 ClientSampleId :

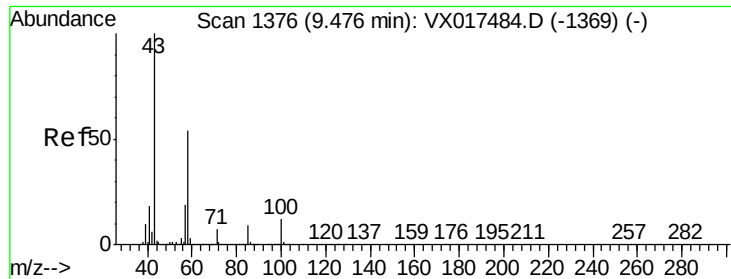
Tot Ion: 76 Resp: 511242
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 236.789 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

Tgt Ion: 63 Resp: 1142167
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.6 34.0

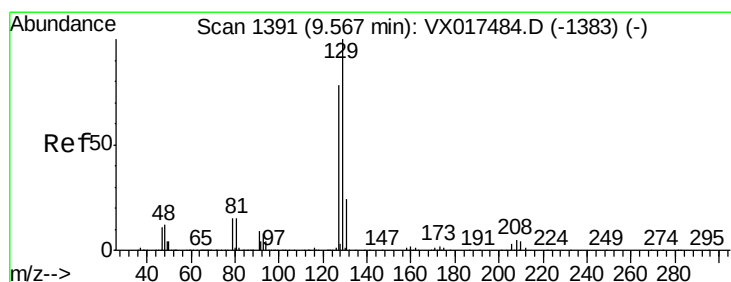
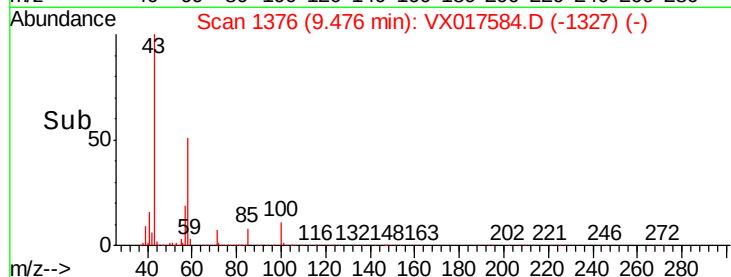
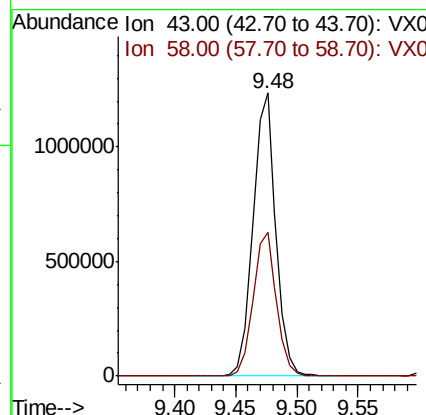
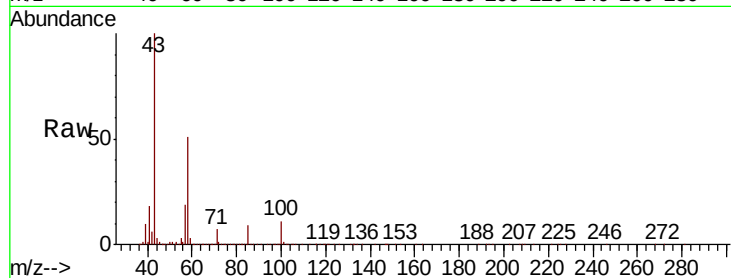




#59
2-Hexanone
Concen: 248.137 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

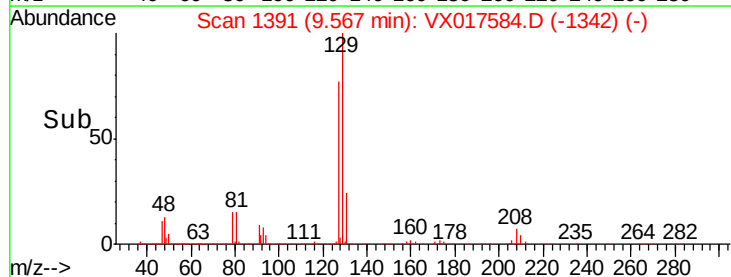
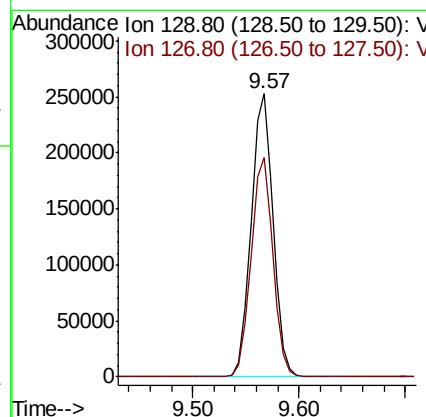
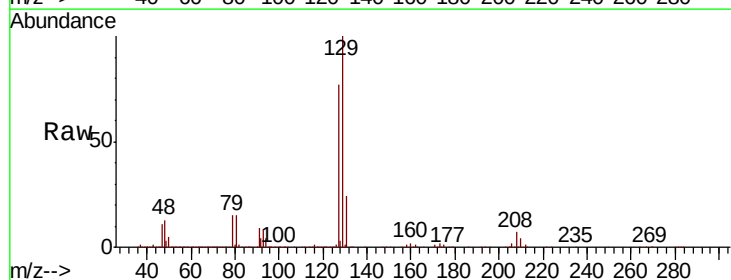
Instrument :
MSVOA_X
ClientSampled :

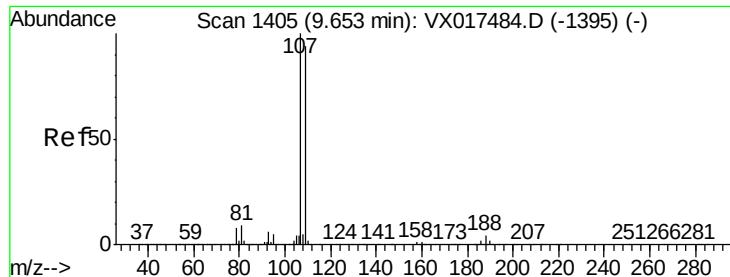
Tot Ion: 43 Resp: 1596622
Ion Ratio Lower Upper
43 100
58 52.1 26.6 79.8



#60
Dibromochloromethane
Concen: 47.259 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

Tgt Ion: 129 Resp: 365030
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 47.539 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

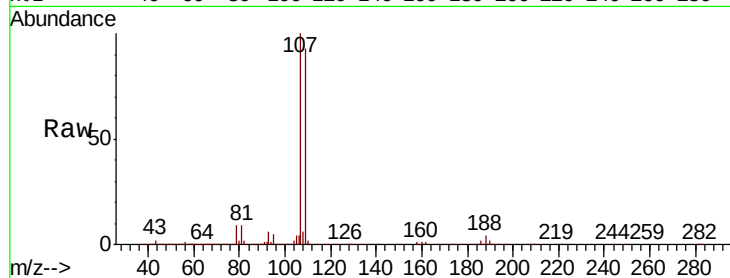
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 307572

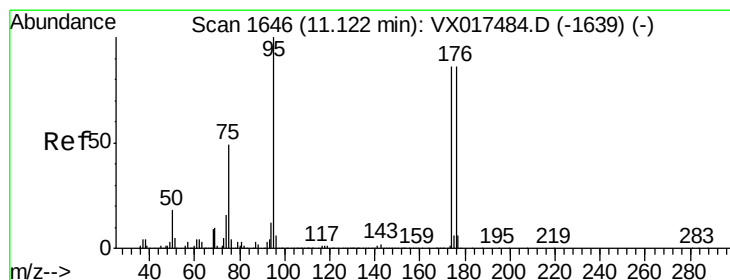
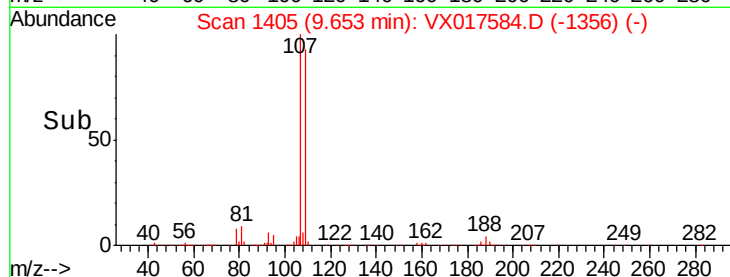
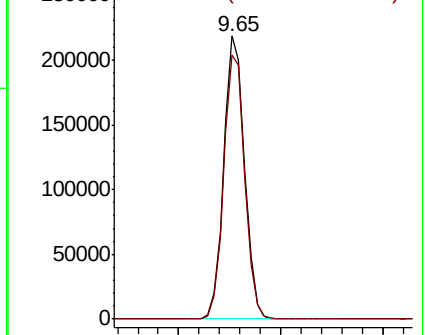
Ion Ratio Lower Upper

107 100

109 94.6 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.734 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

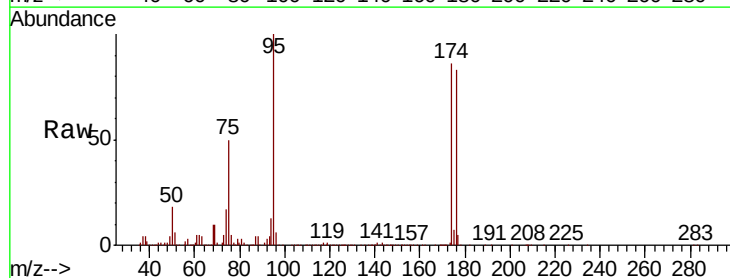
Tgt Ion: 95 Resp: 389280

Ion Ratio Lower Upper

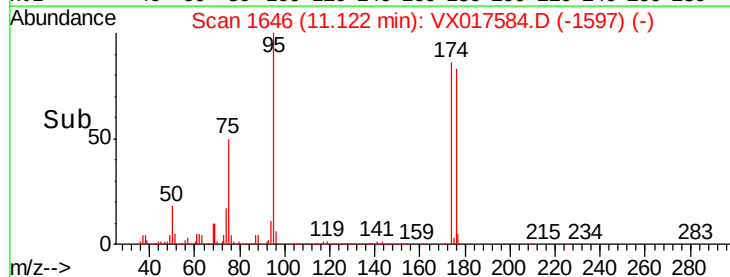
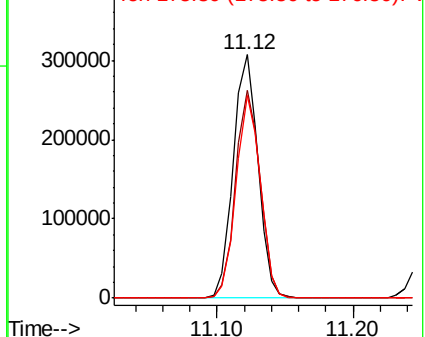
95 100

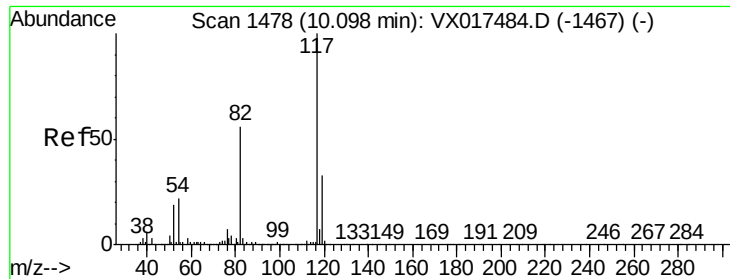
174 84.9 0.0 169.0

176 81.9 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

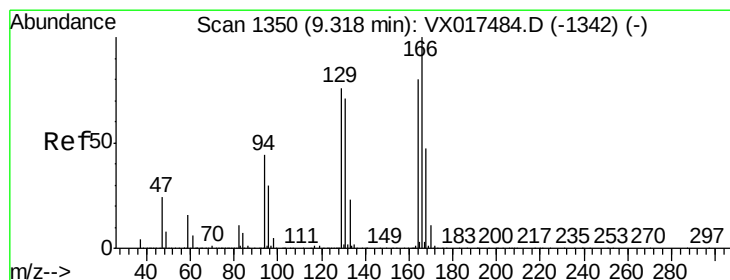
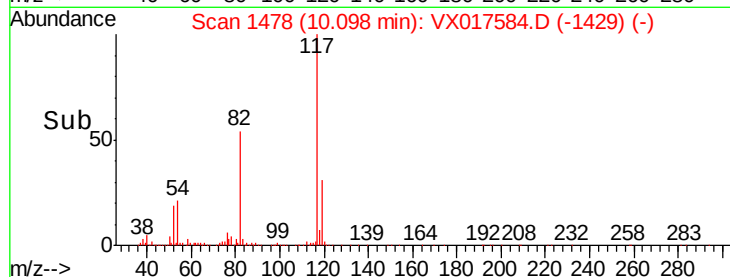
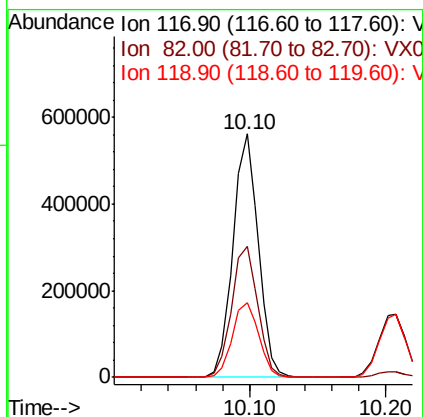
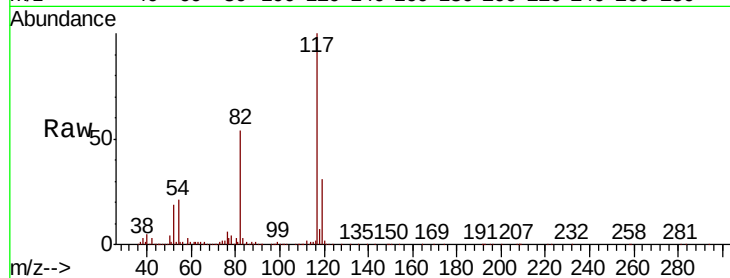




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

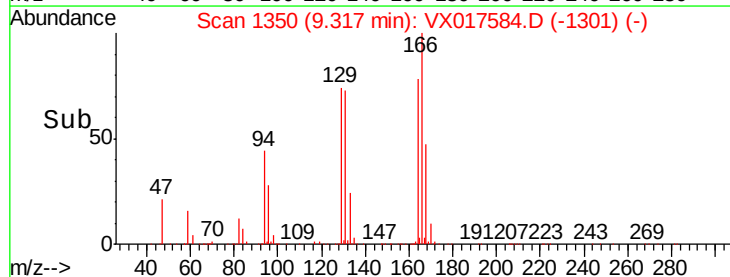
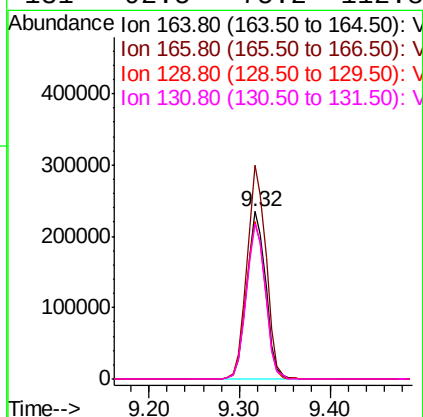
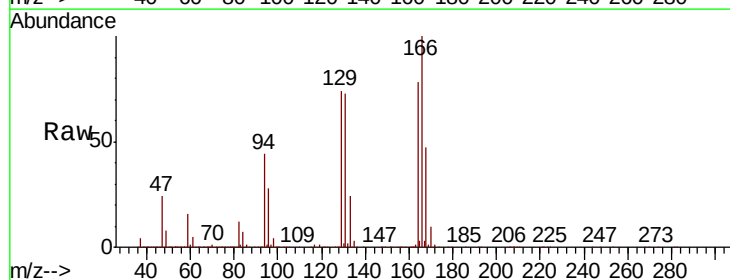
Instrument :
MSVOA_X
ClientSampleId :

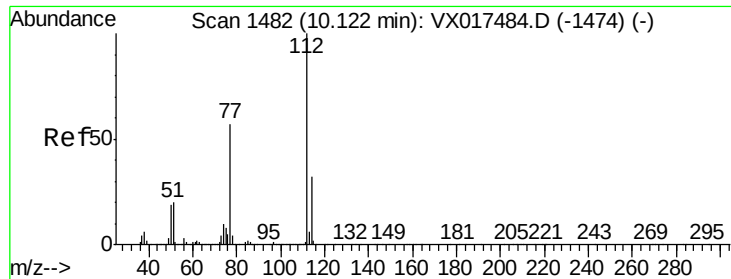
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.0	66.0
119	30.8	25.4	38.0



#64
Tetrachloroethene
Concen: 51.954 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	100.6	150.8
129	94.2	75.0	112.6
131	92.5	75.2	112.8

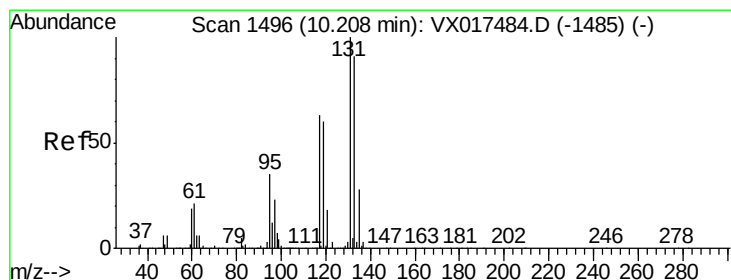
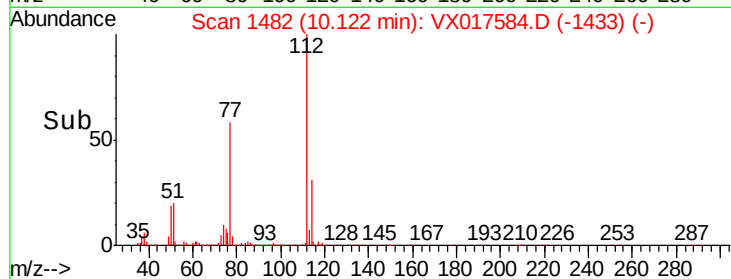
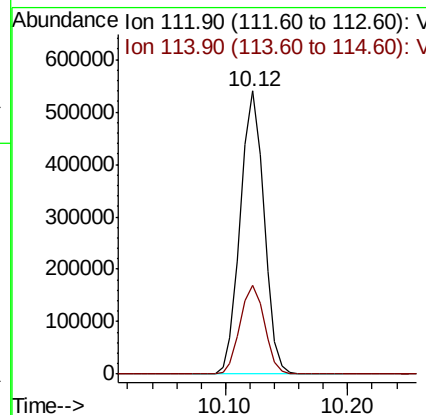




#65
Chlorobenzene
Concen: 45.967 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

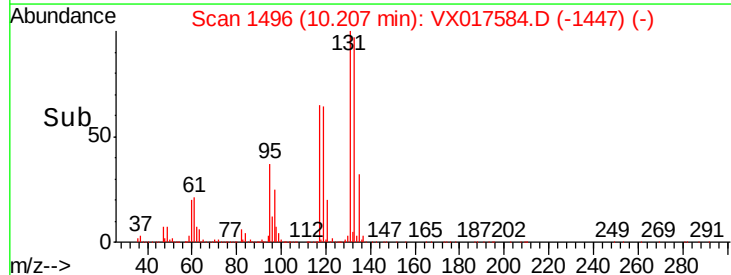
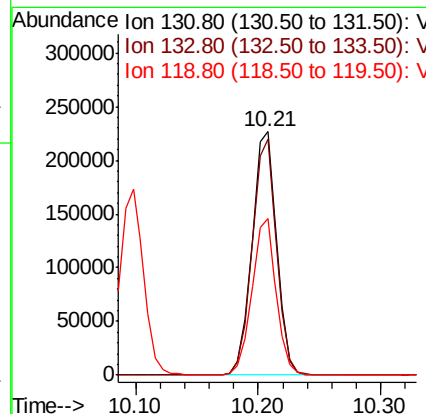
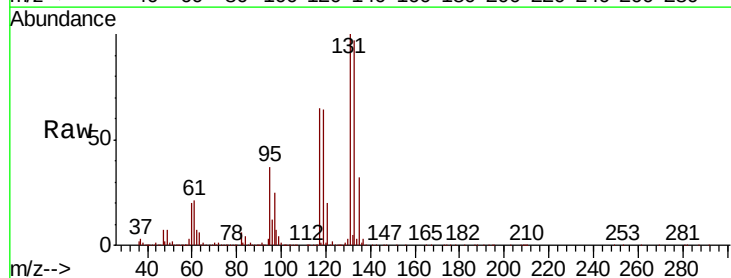
Instrument :
MSVOA_X
ClientSampled :

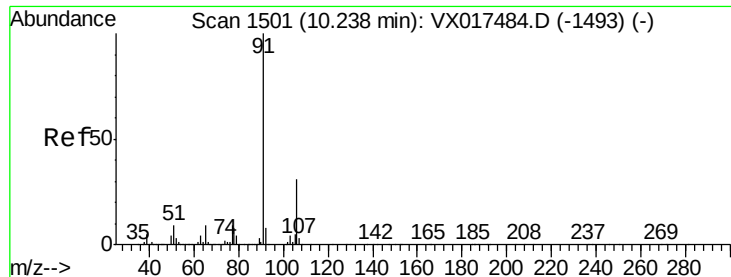
Tot Ion:112 Resp: 724123
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.084 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

Tgt Ion:131 Resp: 318420
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 63.0 31.1 93.3

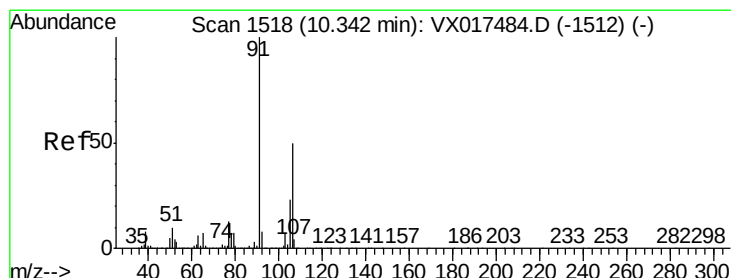
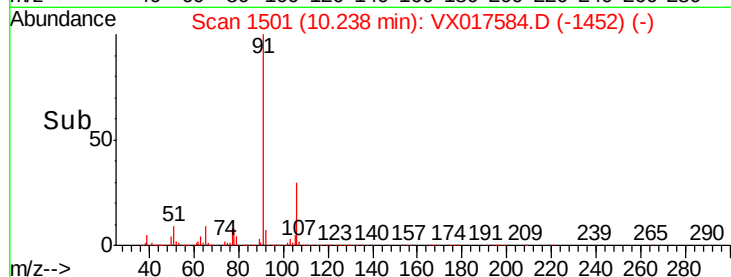
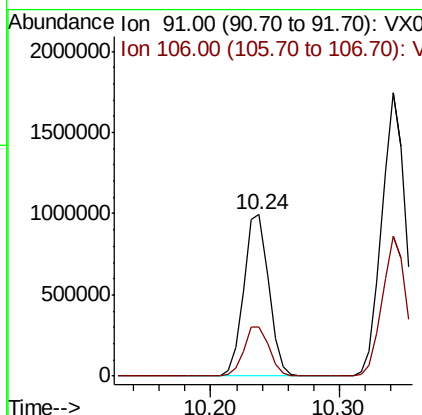
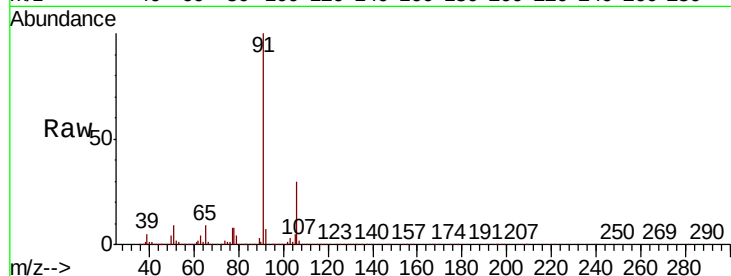




#67
Ethyl Benzene
Concen: 50.581 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

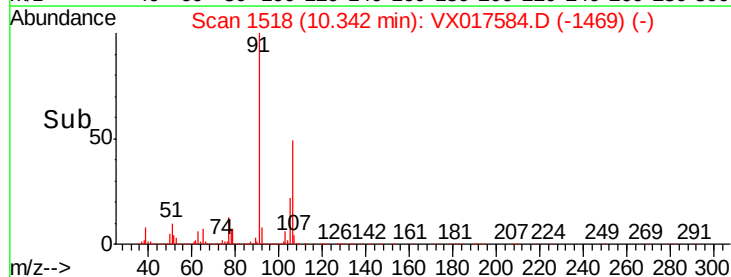
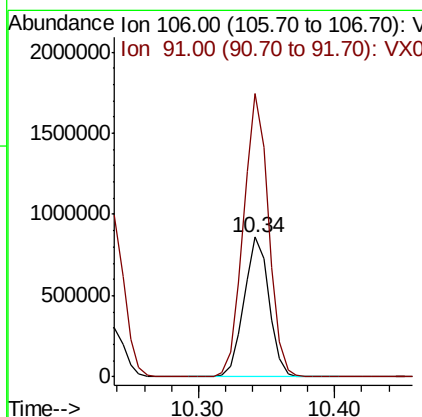
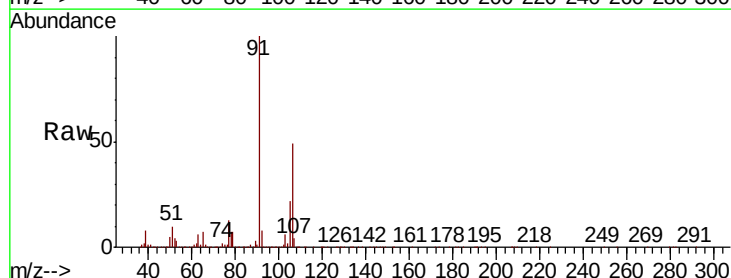
Instrument :
MSVOA_X
ClientSampleId :

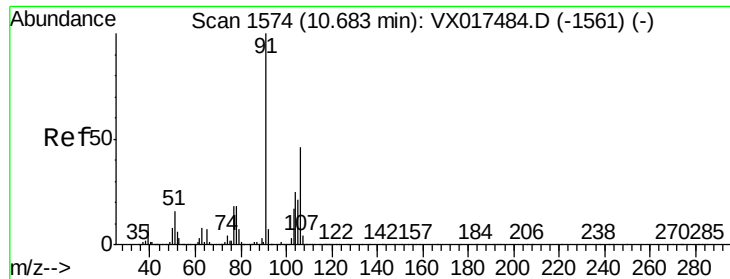
Tot Ion: 91 Resp: 1330087
Ion Ratio Lower Upper
91 100
106 30.4 25.8 38.6



#68
m/p-Xylenes
Concen: 108.434 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

Tgt Ion: 106 Resp: 1104630
Ion Ratio Lower Upper
106 100
91 203.2 160.9 241.3

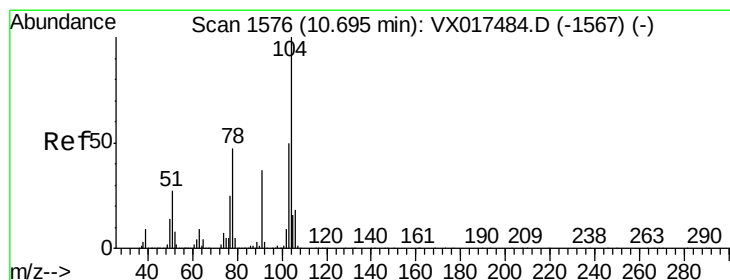
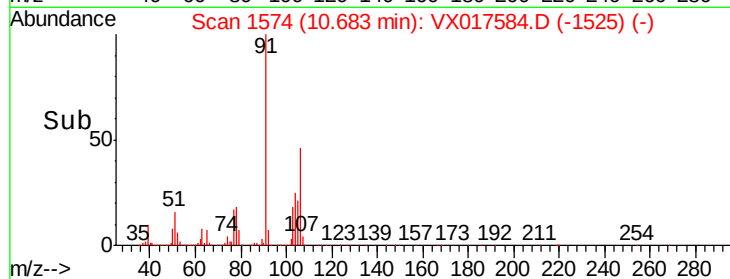
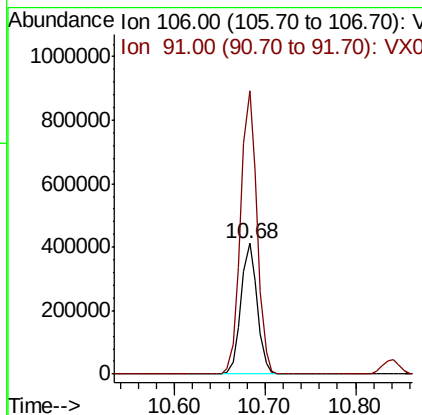
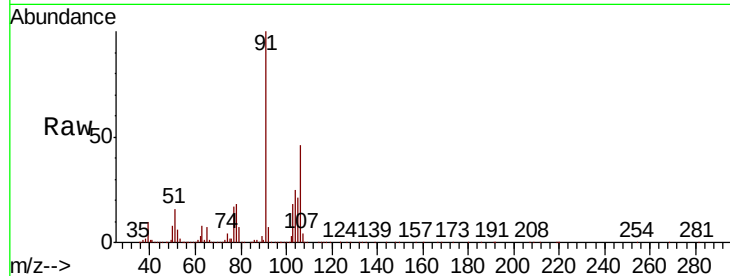




#69
o-Xylene
Concen: 52.264 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

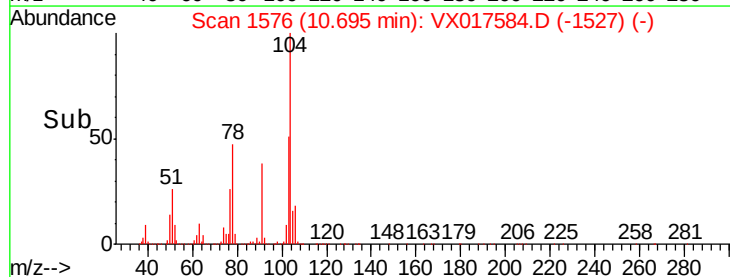
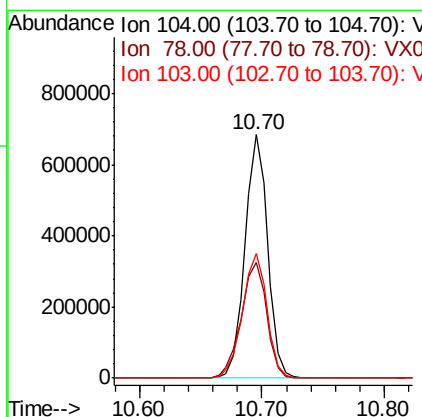
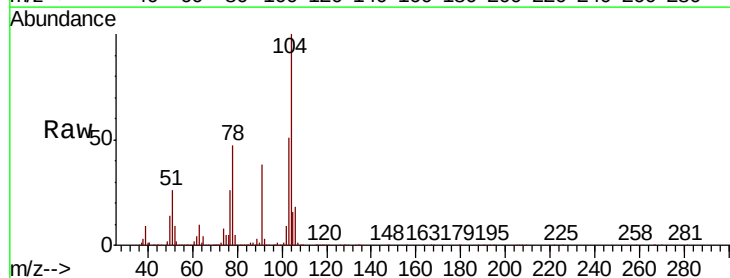
Instrument :
MSVOA_X
ClientSampleId :

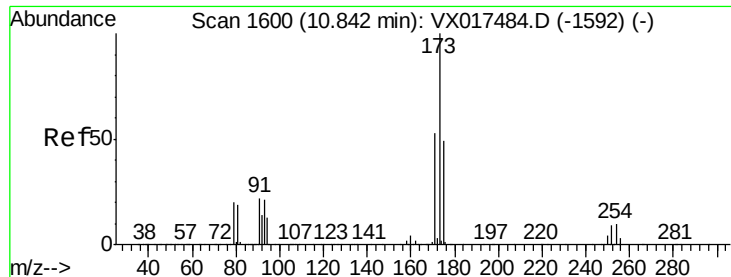
Tot Ion:106 Resp: 512065
Ion Ratio Lower Upper
106 100
91 218.5 108.2 324.6



#70
Styrene
Concen: 52.818 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

Tgt Ion:104 Resp: 880472
Ion Ratio Lower Upper
104 100
78 53.3 42.5 63.7
103 55.2 44.3 66.5





#71

Bromoform

Concen: 51.543 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

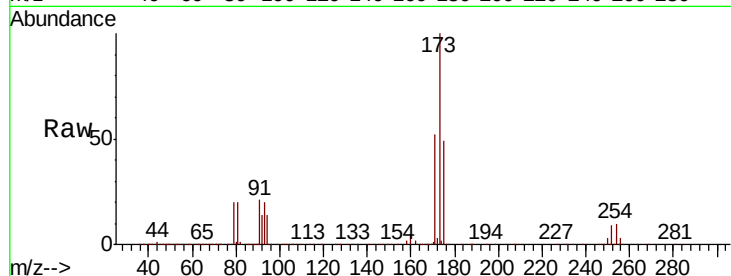
Tot Ion:173 Resp: 283911

Ion Ratio Lower Upper

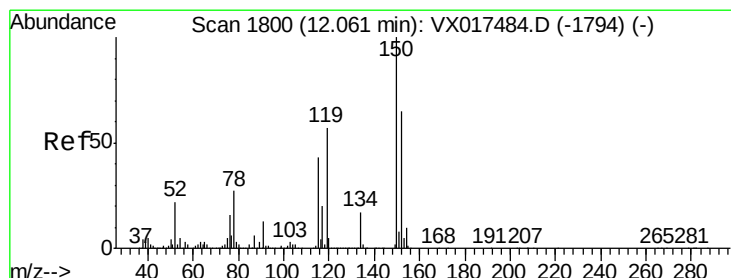
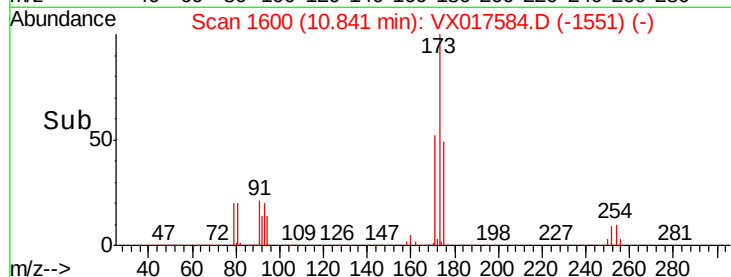
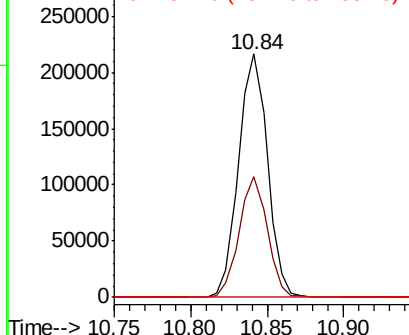
173 100

175 48.3 23.8 71.5

254 0.2 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: VX017584.D

Acq: 25 Jul 2020 10:18

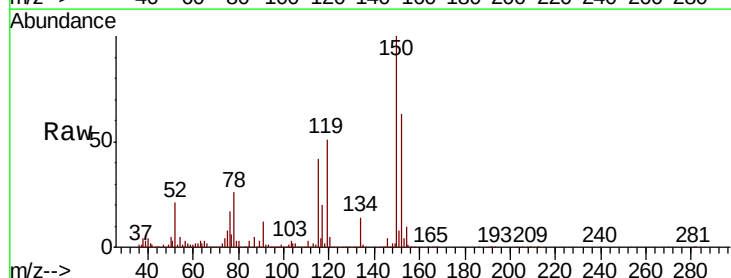
Tgt Ion:152 Resp: 413309

Ion Ratio Lower Upper

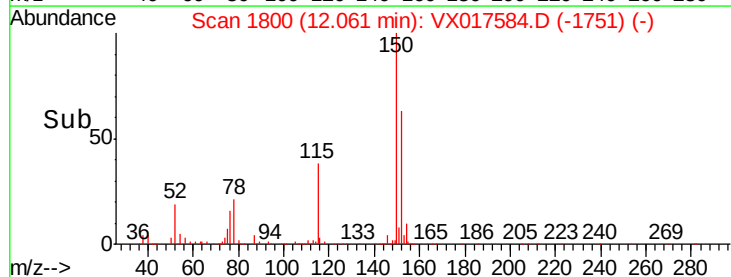
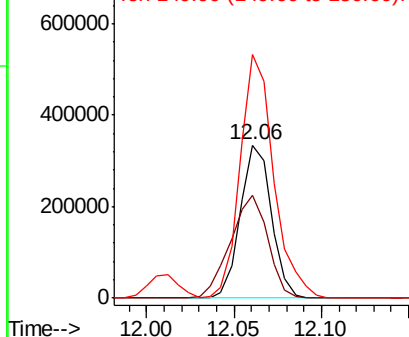
152 100

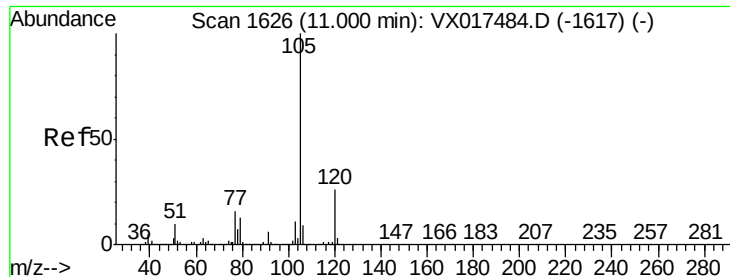
115 81.3 65.5 196.6

150 171.7 0.0 412.6



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: 46.375 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

Instrument :

MSVOA_X

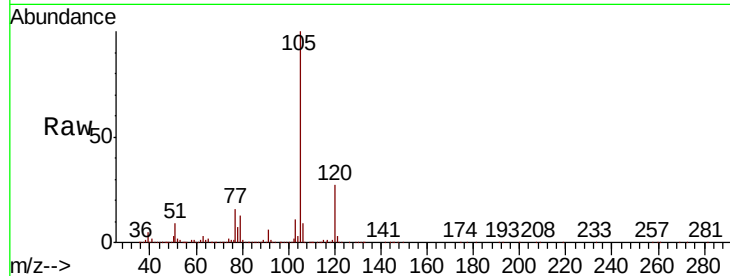
ClientSampled :

Tot Ion: 105 Resp: 1314892

Ion Ratio Lower Upper

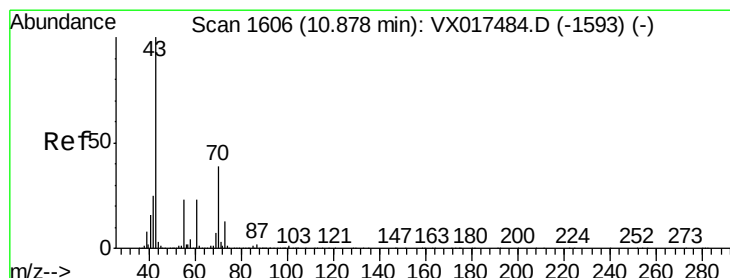
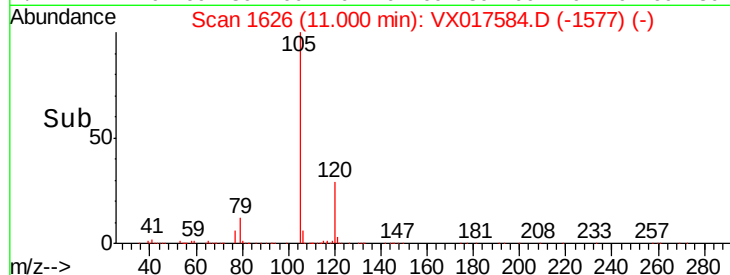
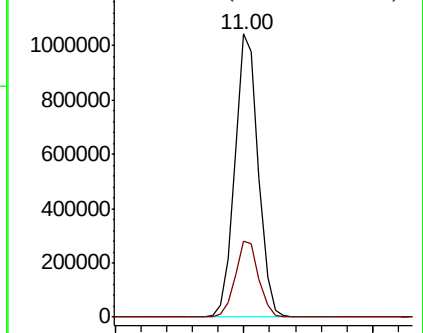
105 100

120 26.9 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.038 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

Tgt Ion: 43 Resp: 592569

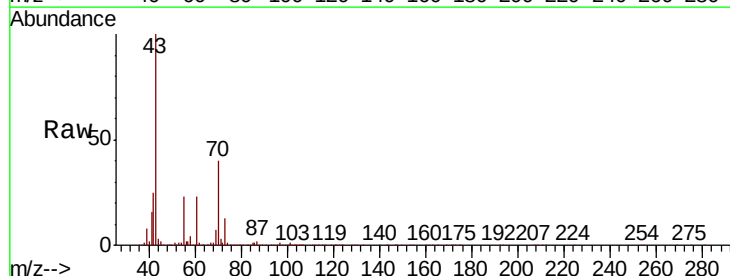
Ion Ratio Lower Upper

43 100

70 40.5 32.3 48.5

55 24.3 18.4 27.6

61 23.3 18.6 28.0

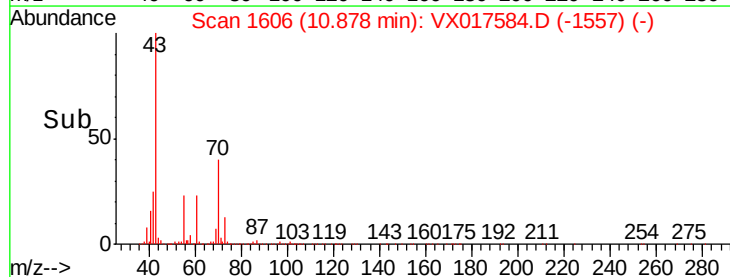
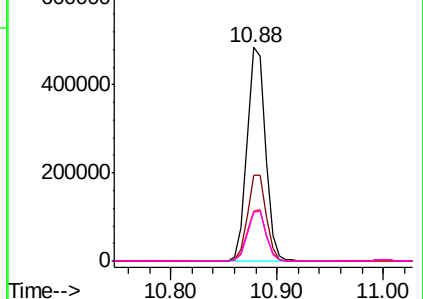


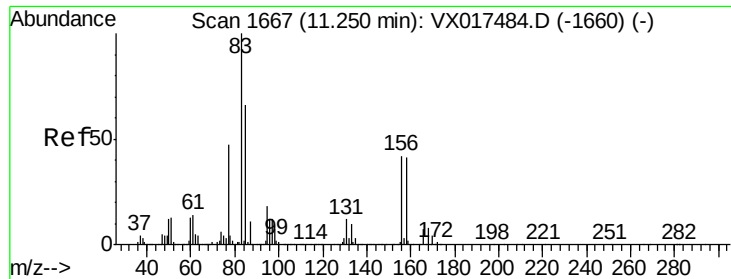
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.100 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

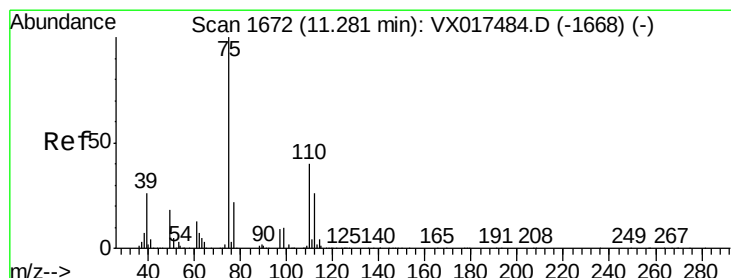
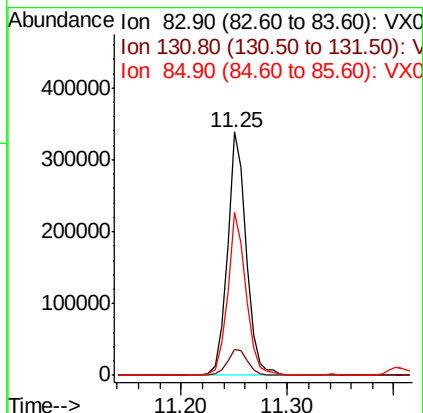
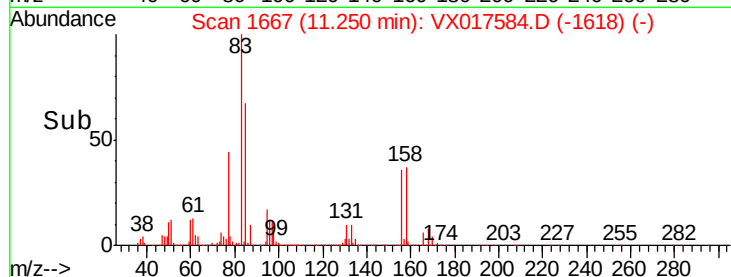
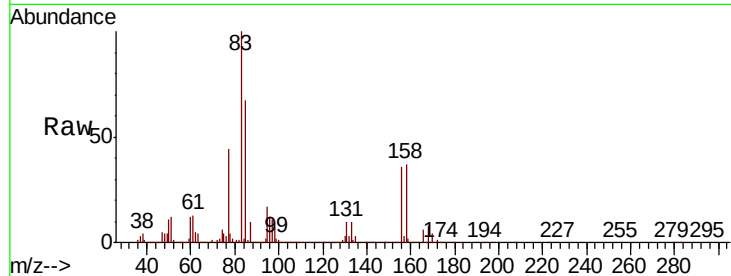
Tot Ion: 83 Resp: 416847

Ion Ratio Lower Upper

83 100

131 11.6 5.5 16.5

85 65.7 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 58.905 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017584.D

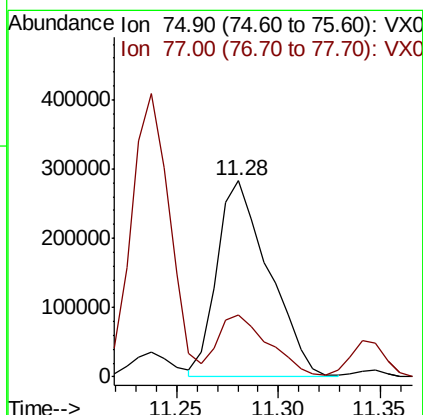
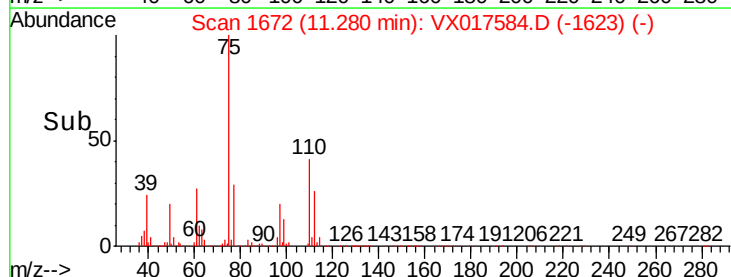
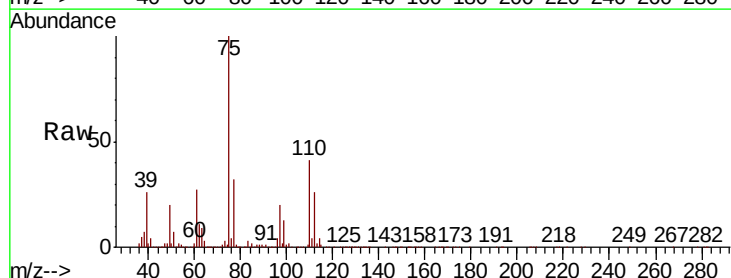
Acq: 25 Jul 2020 10:18

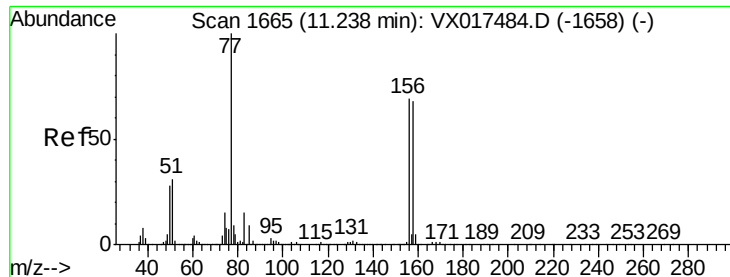
Tgt Ion: 75 Resp: 500810

Ion Ratio Lower Upper

75 100

77 31.2 21.8 65.3





#77

Bromobenzene

Concen: 46.390 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

Instrument :

MSVOA_X

ClientSampled :

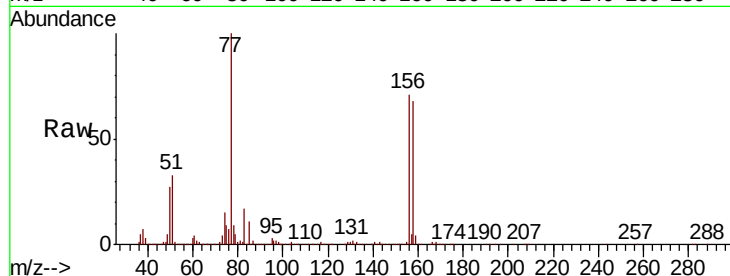
Tot Ion:156 Resp: 368228

Ion Ratio Lower Upper

156 100

77 145.0 75.0 225.0

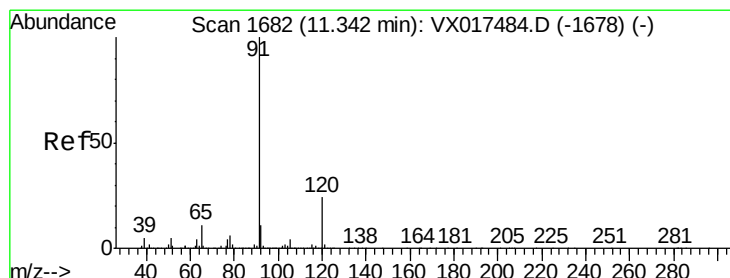
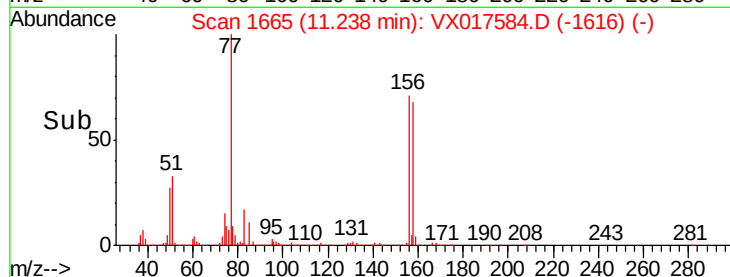
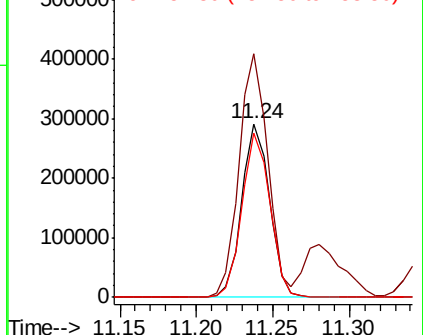
158 95.5 49.1 147.3



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: 47.754 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017584.D

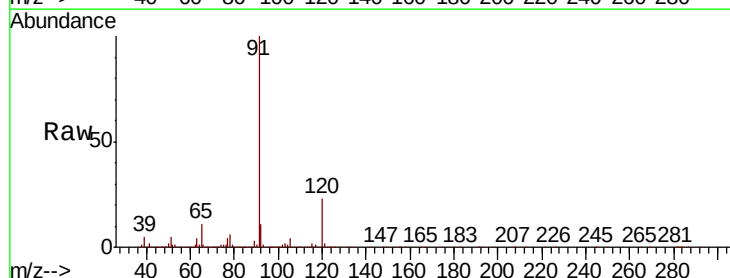
Acq: 25 Jul 2020 10:18

Tgt Ion: 91 Resp: 1527108

Ion Ratio Lower Upper

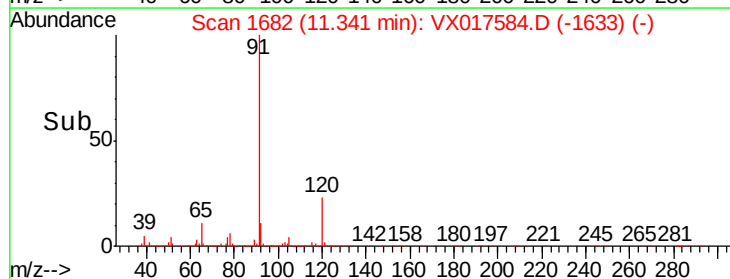
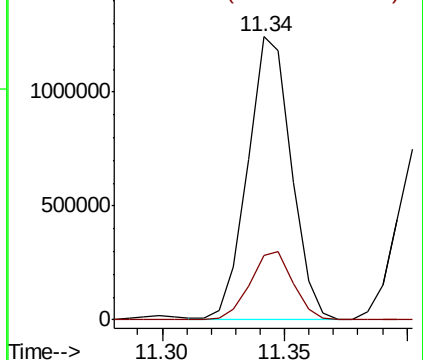
91 100

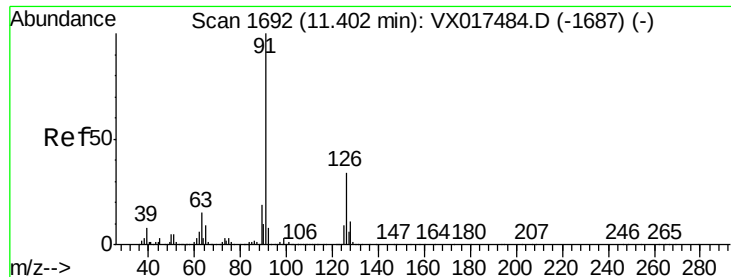
120 24.0 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

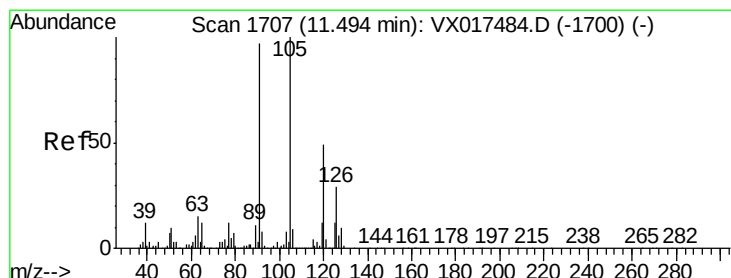
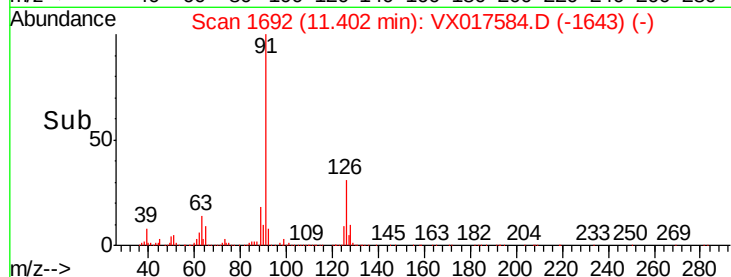
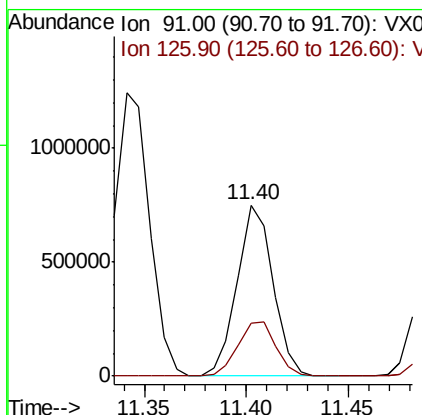
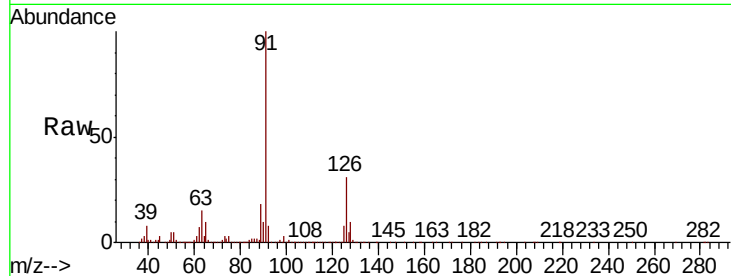




#79
 2-Chlorotoluene
 Concen: 46.164 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

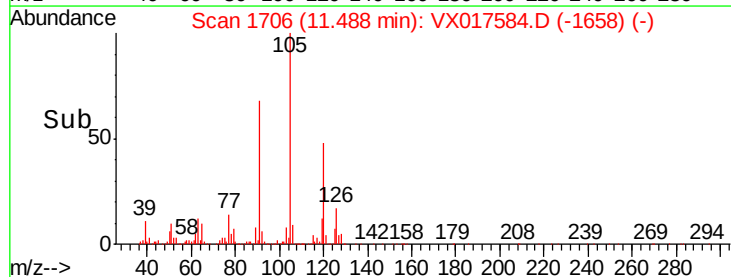
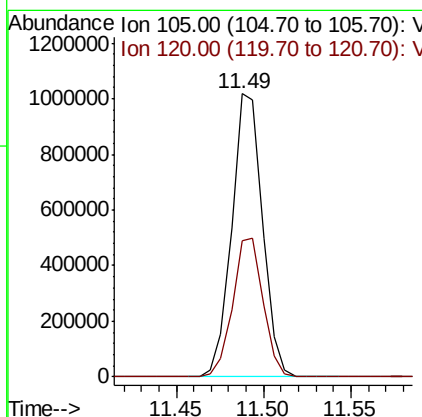
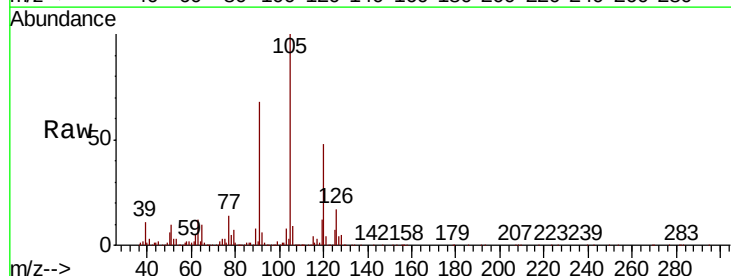
Instrument :
 MSVOA_X
 ClientSampleId :

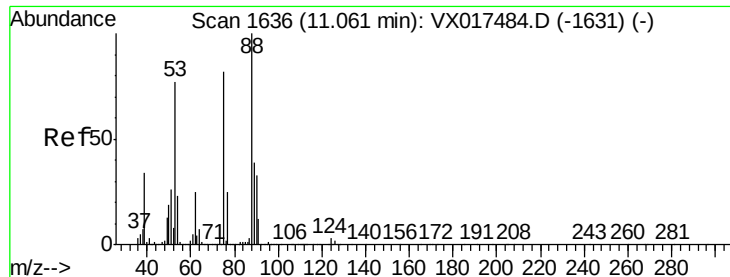
Tot Ion: 91 Resp: 914474
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 51.283 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

Tgt Ion: 105 Resp: 1241499
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 38.354 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

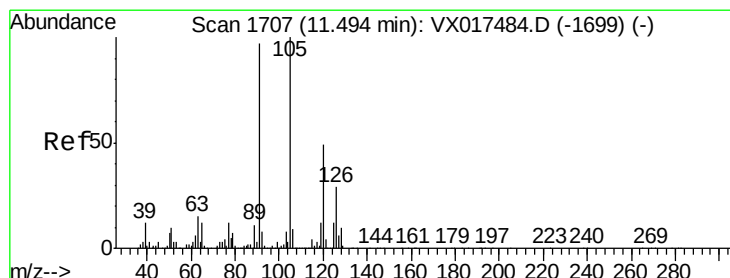
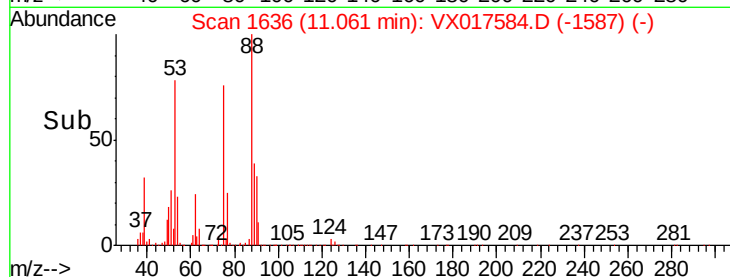
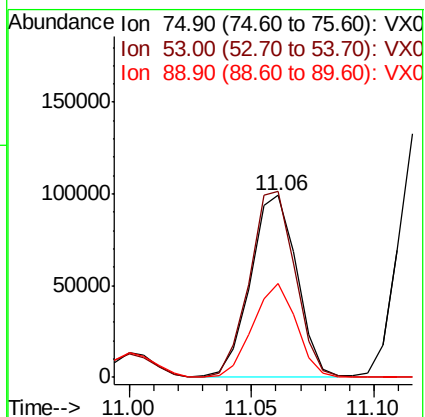
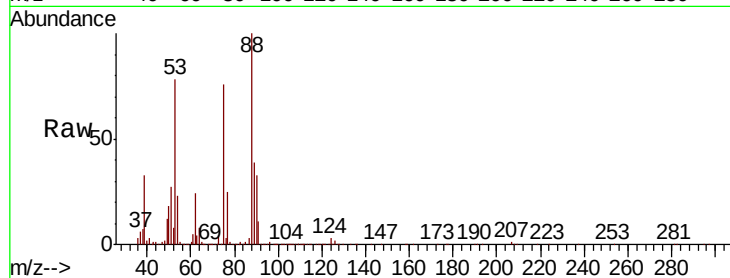
Tot Ion: 75 Resp: 129411

Ion Ratio Lower Upper

75 100

53 100.4 75.9 113.9

89 49.1 37.8 56.6



#82

4-Chlorotoluene

Concen: 50.312 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017584.D

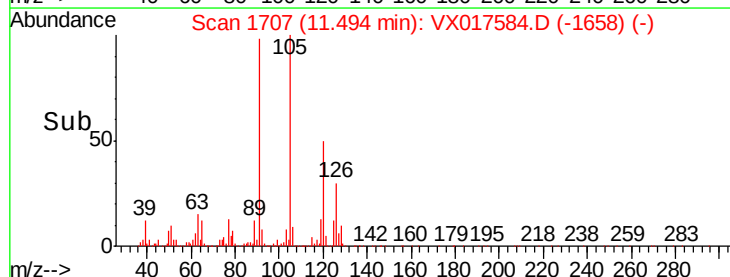
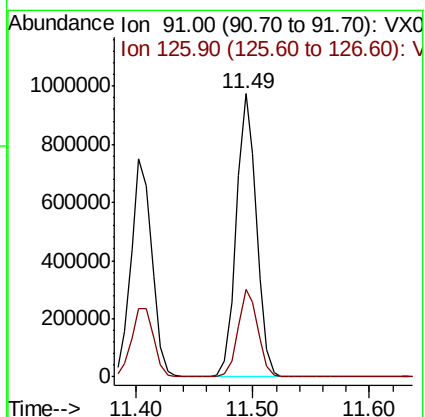
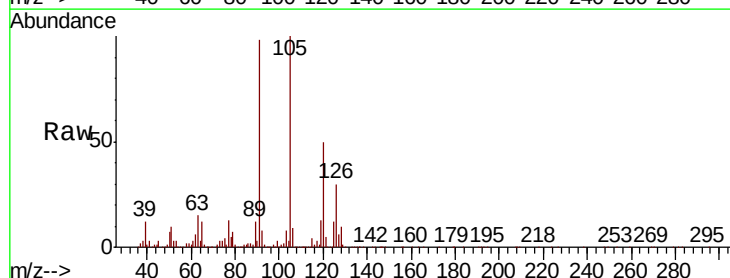
Acq: 25 Jul 2020 10:18

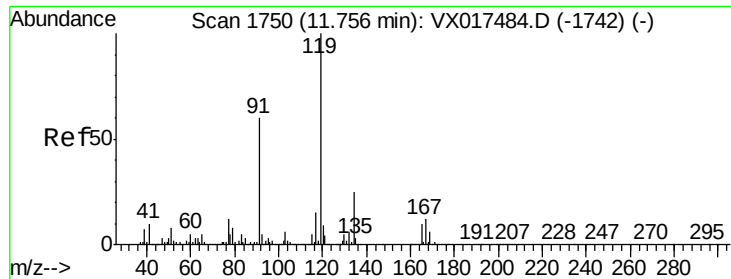
Tgt Ion: 91 Resp: 1175669

Ion Ratio Lower Upper

91 100

126 30.4 15.2 45.6



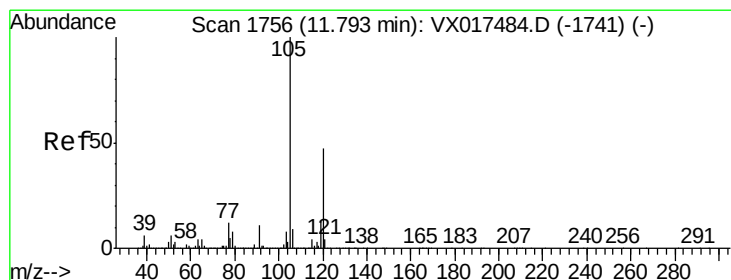
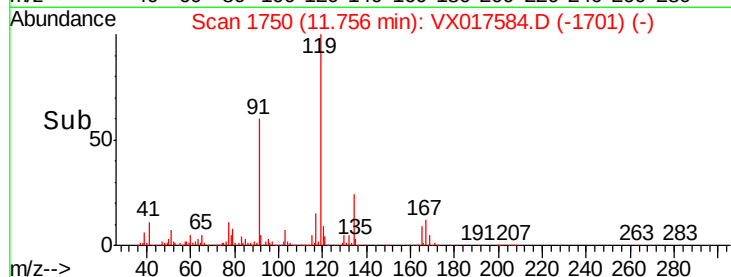
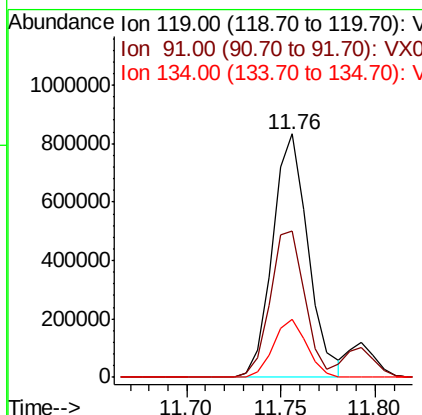
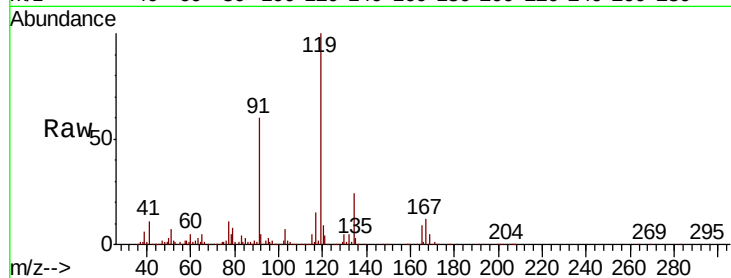


#83
 tert-Butylbenzene
 Concen: 46.890 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:119 Resp: 1086182

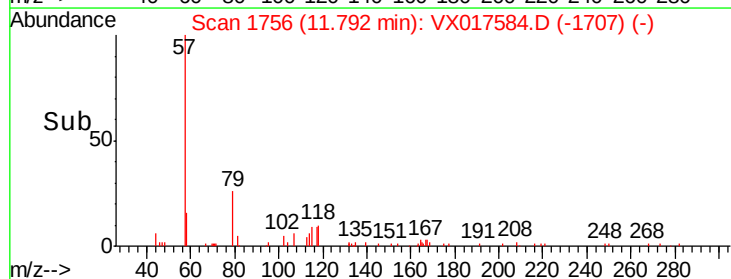
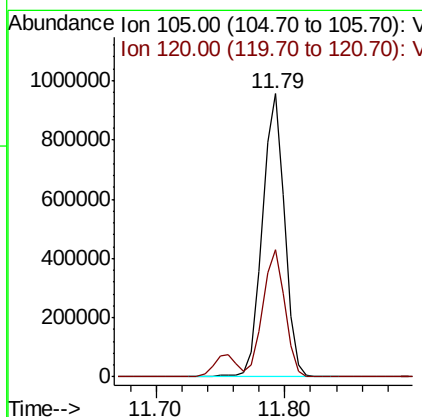
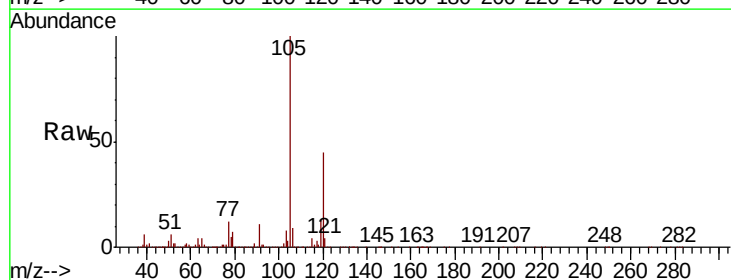
Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.3	88.0
134	22.7	11.2	33.6

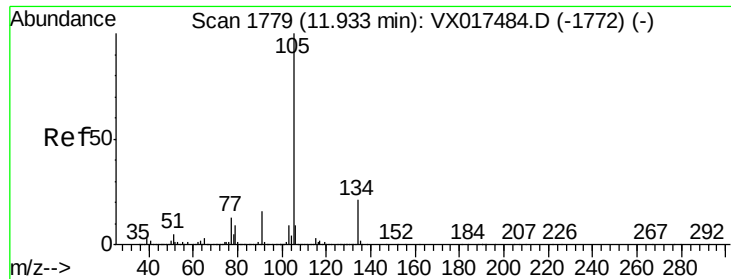


#84
 1,2,4-Trimethylbenzene
 Concen: 47.005 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

Tgt Ion:105 Resp: 1131809

Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.7	68.0

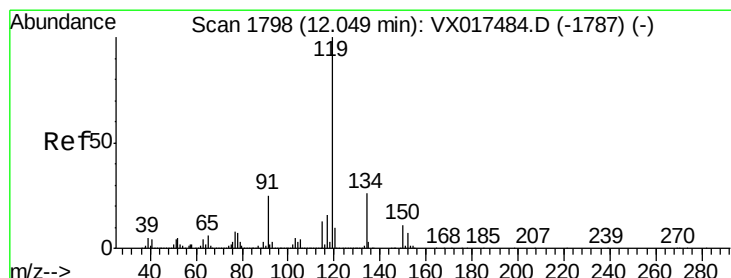
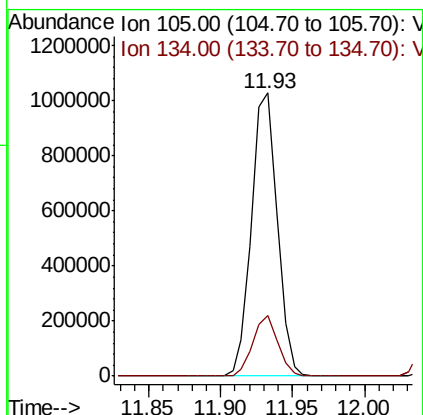
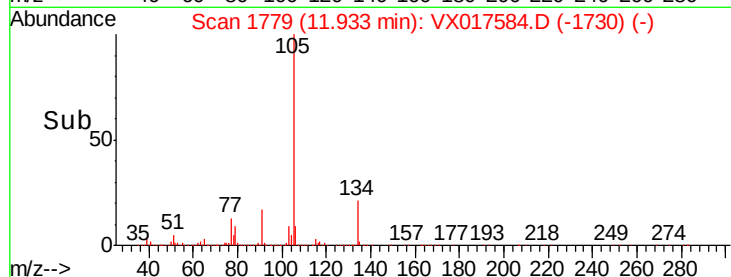
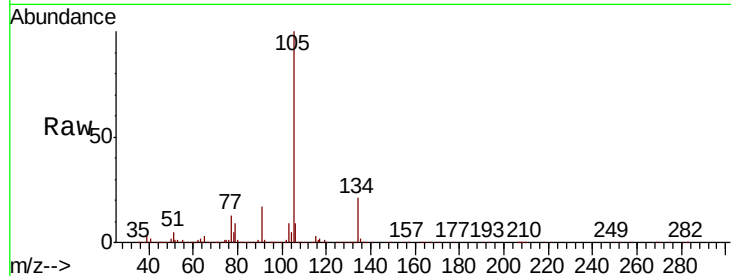




#85
 sec-Butylbenzene
 Concen: 46.928 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

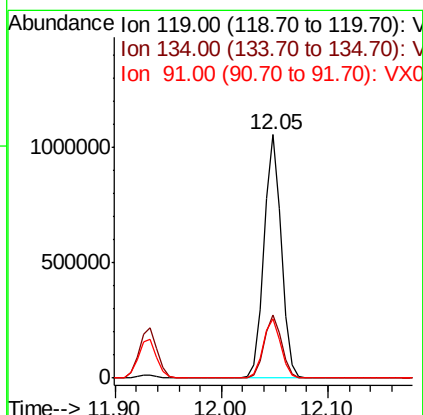
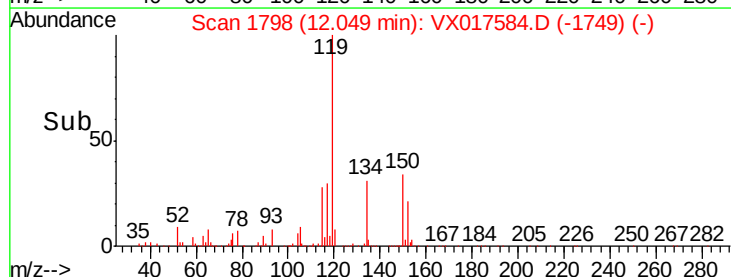
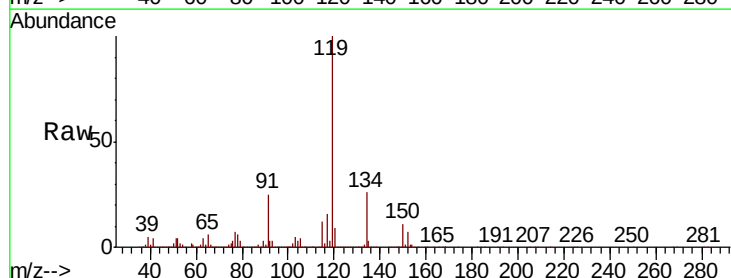
Instrument :
 MSVOA_X
 ClientSampled :

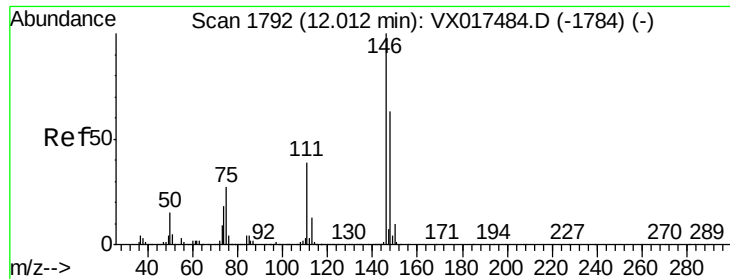
Tot Ion:105 Resp: 1266346
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 46.696 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

Tgt Ion:119 Resp: 1199961
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 24.8 12.1 36.3

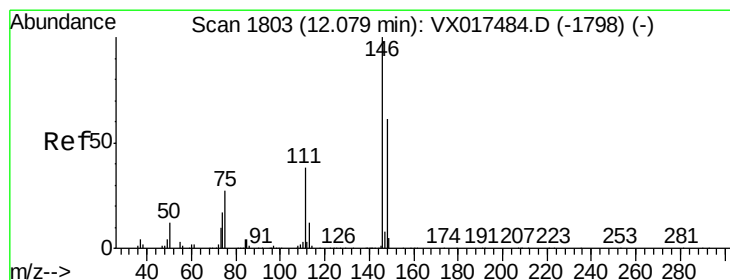
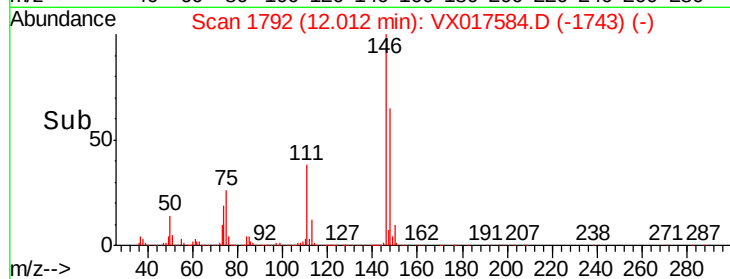
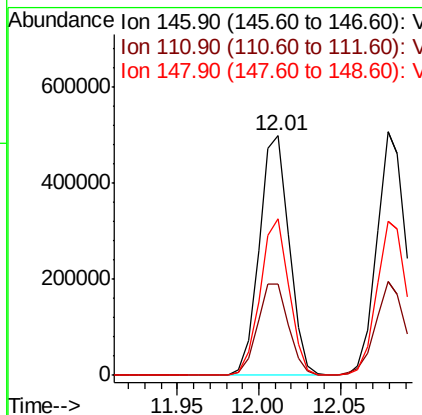
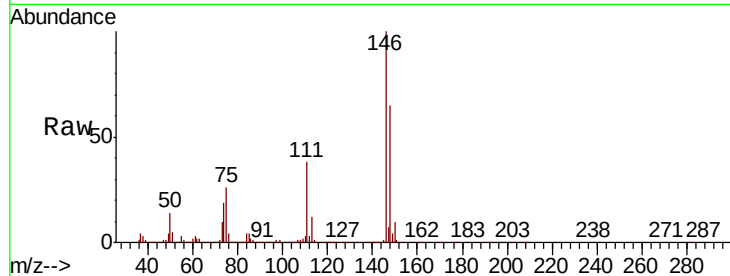




#87
 1,3-Dichlorobenzene
 Concen: 46.574 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

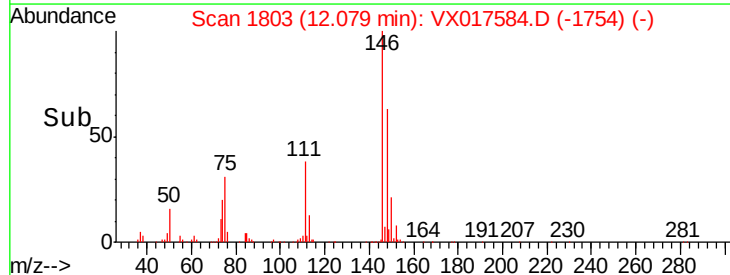
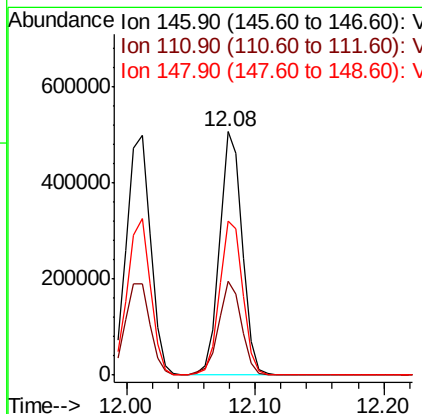
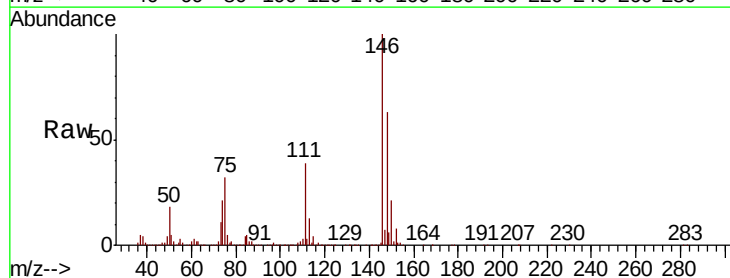
Instrument :
 MSVOA_X
 ClientSampleId :

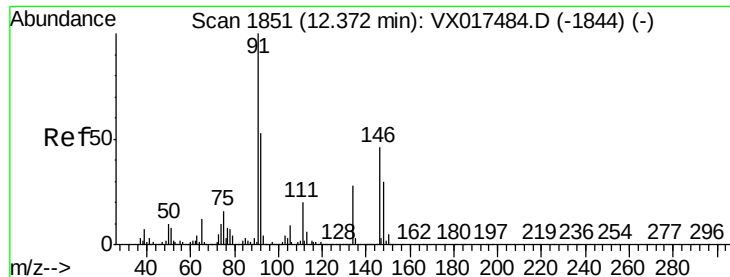
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.9	59.7
148	63.3	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 44.447 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.3	57.8
148	64.7	32.2	96.6

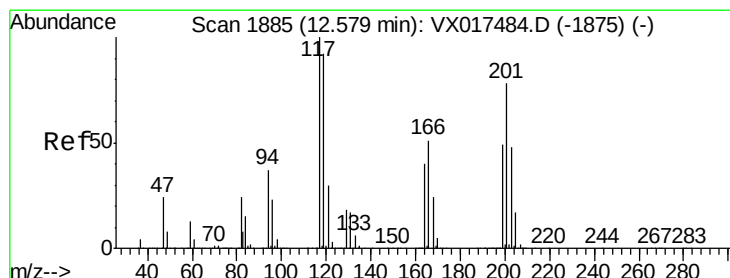
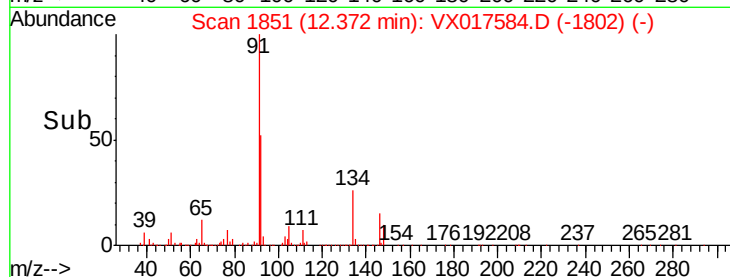
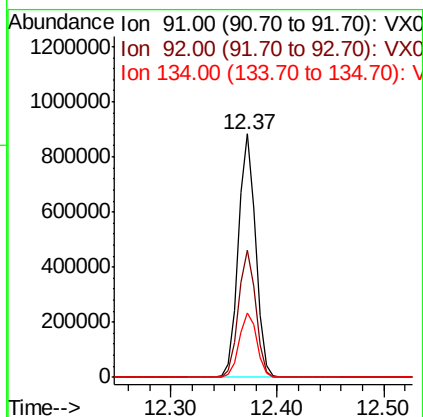
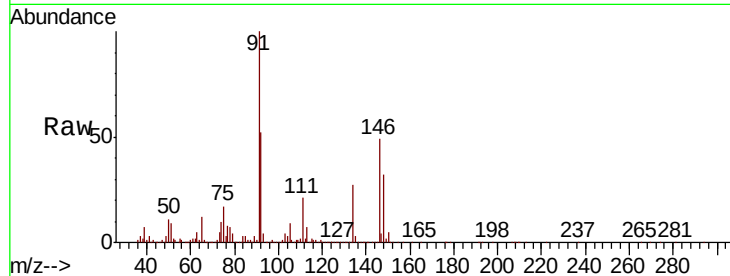




#89
n-Butylbenzene
Concen: 43.867 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

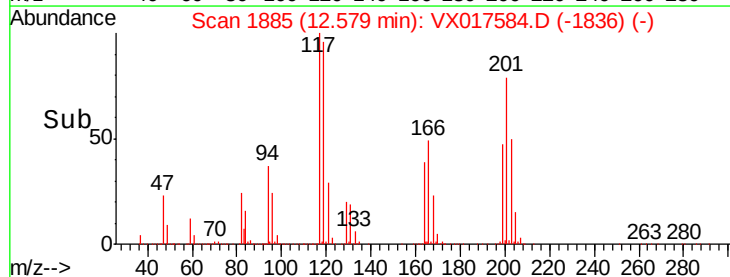
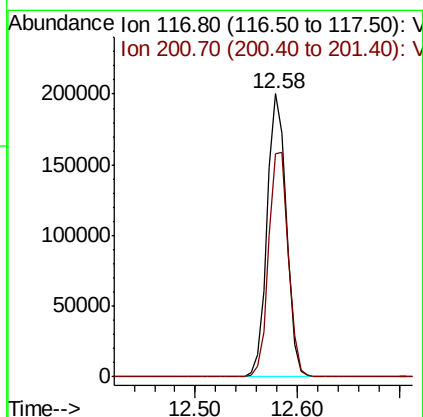
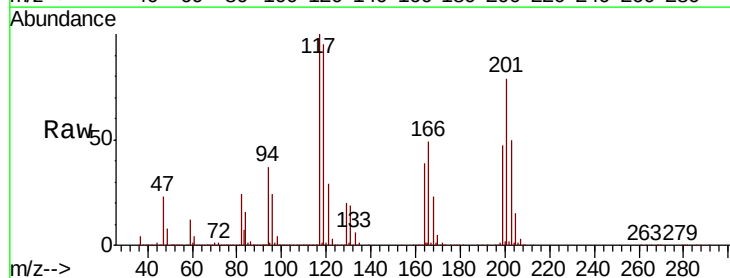
Instrument :
MSVOA_X
ClientSampled :

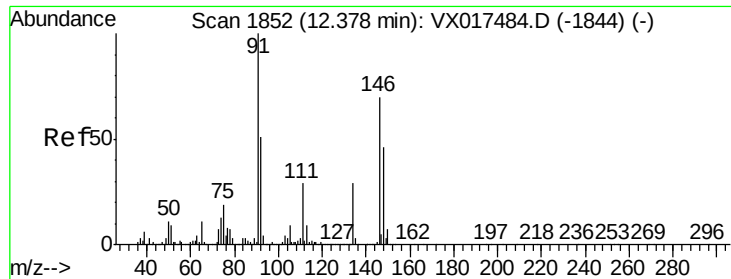
Tot Ion: 91 Resp: 1004473
Ion Ratio Lower Upper
91 100
92 52.2 26.7 80.1
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 51.895 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017584.D
Acq: 25 Jul 2020 10:18

Tgt Ion: 117 Resp: 262916
Ion Ratio Lower Upper
117 100
201 80.5 42.2 126.6

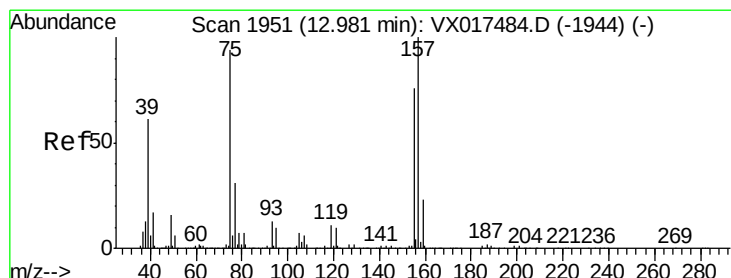
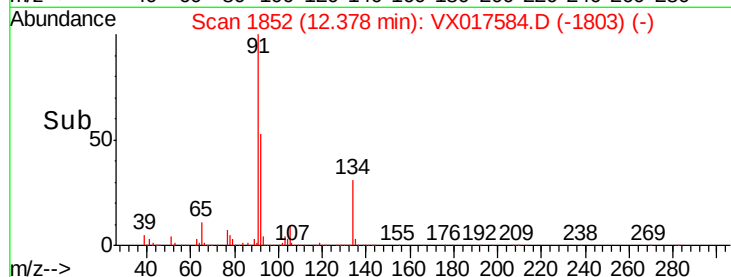
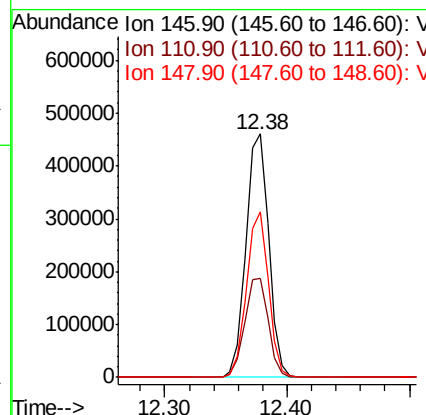
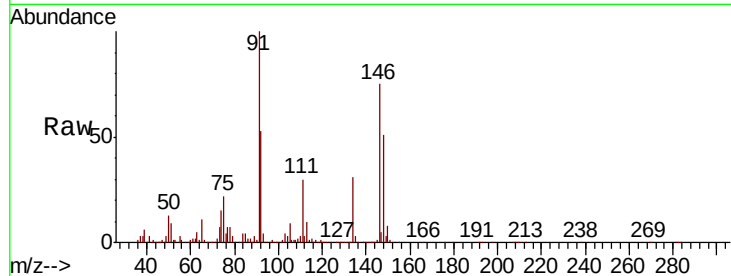




#91
 1,2-Dichlorobenzene
 Concen: 44.206 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

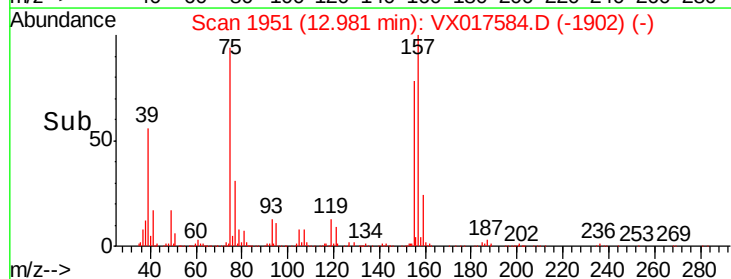
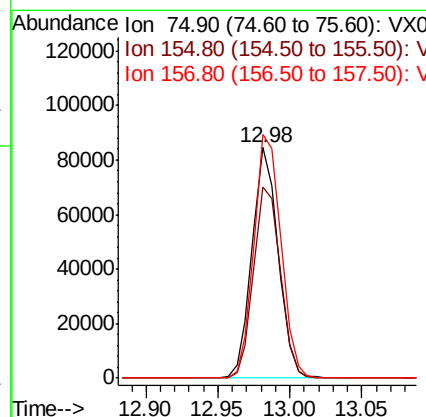
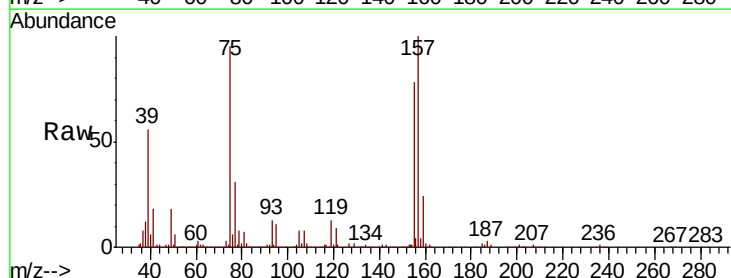
Instrument :
 MSVOA_X
 ClientSampleId :

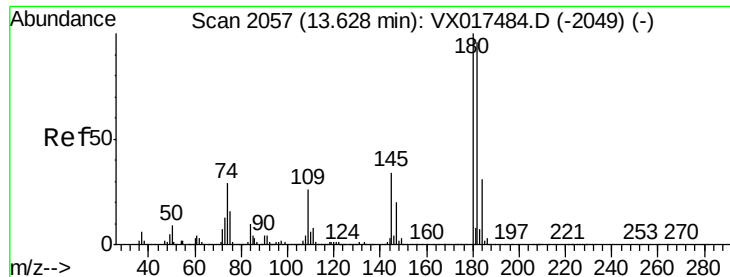
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.9	62.8
148	65.6	32.8	98.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.607 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.0	42.3	126.8
157	109.6	54.3	162.9

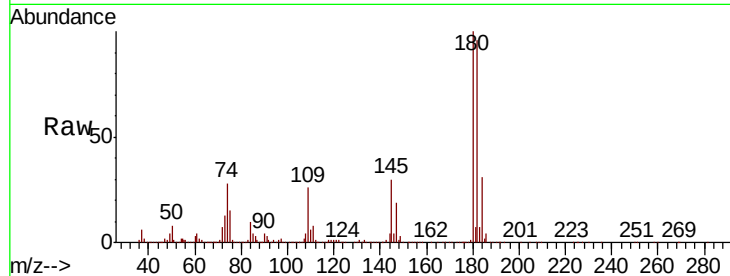




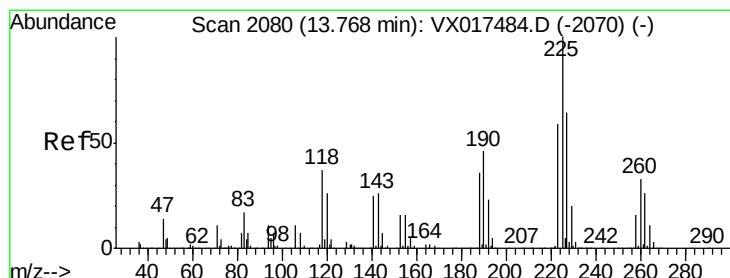
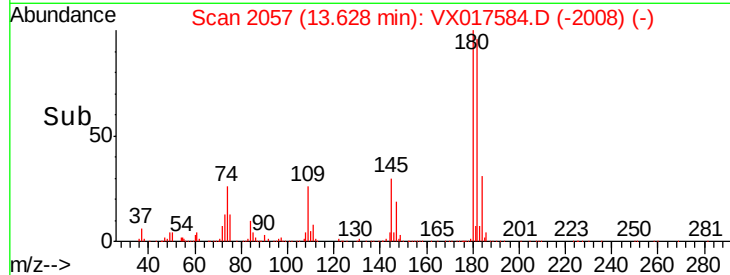
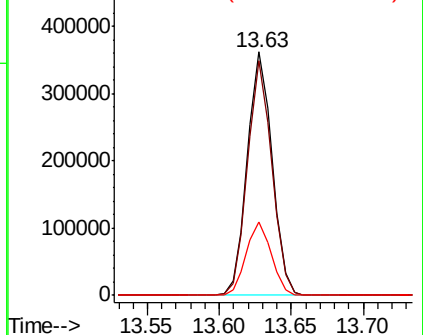
#93
 1,2,4-Trichlorobenzene
 Concen: 46.968 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.5	142.6
145	30.6	15.4	46.4

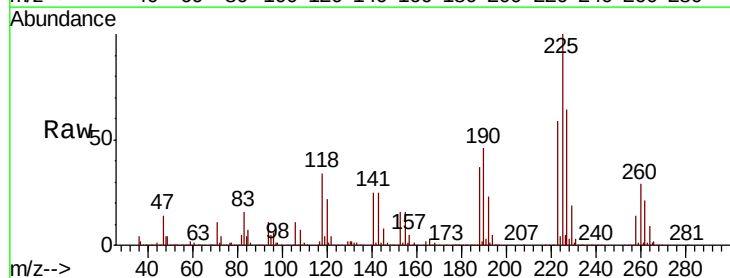


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

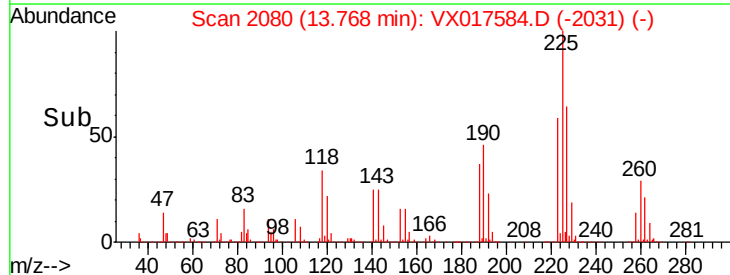
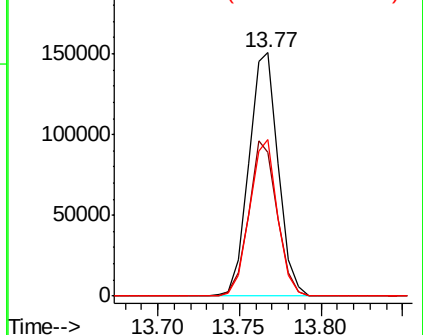


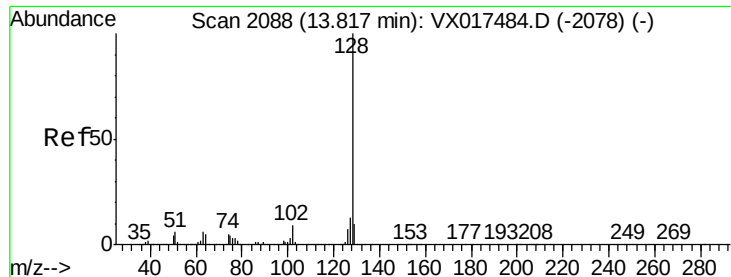
#94
 Hexachlorobutadiene
 Concen: 44.700 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017584.D
 Acq: 25 Jul 2020 10:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	30.3	90.9
227	61.5	31.1	93.2



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





#95

Naphthalene

Concen: 49.738 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

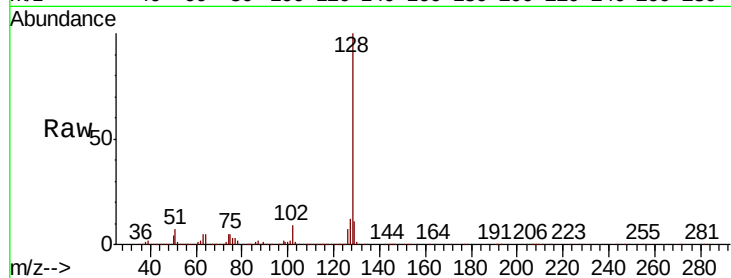
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 1357556

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.9	13.3

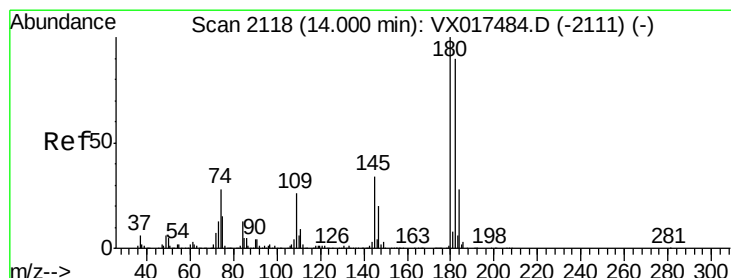
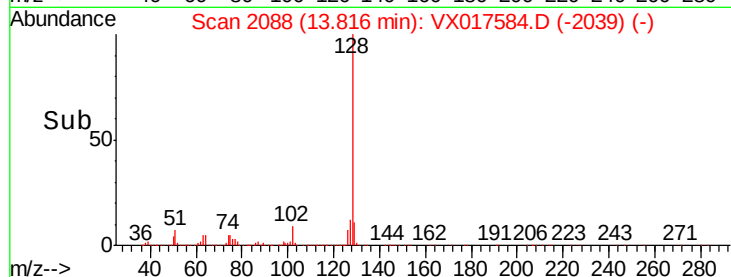
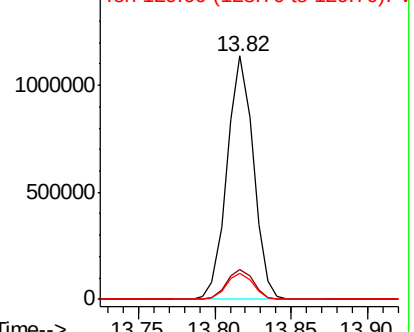


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.620 ug/l

RT: 14.00 min Scan# 2118

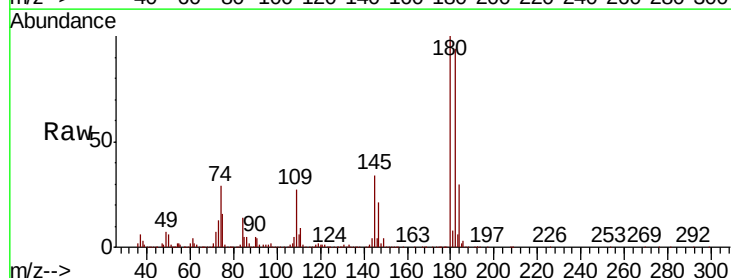
Delta R.T. -0.00 min

Lab File: VX017584.D

Acq: 25 Jul 2020 10:18

Tgt Ion:180 Resp: 420885

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.4	142.3
145	33.2	16.3	48.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

