

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072420\
 Data File : VX017586.D
 Acq On : 25 Jul 2020 11:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 27 01:11:10 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	487265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	800665	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	688611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	413320	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	358012	57.20	ug/l	0.00
Spiked Amount			Recovery	=	114.40%	
35) Dibromofluoromethane	5.47	113	275379	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	
50) Toluene-d8	8.70	98	976268	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.12	95	377367	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	208172	45.967	ug/l	99
3) Chloromethane	1.31	50	310662	51.567	ug/l	99
4) Vinyl Chloride	1.39	62	302193	49.284	ug/l	100
5) Bromomethane	1.62	94	179498	54.754	ug/l	100
6) Chloroethane	1.70	64	179809	53.229	ug/l	93
7) Trichlorofluoromethane	1.91	101	444831	46.123	ug/l	100
8) Diethyl Ether	2.17	74	169023	54.171	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	229029	43.274	ug/l	96
10) Methyl Iodide	2.49	142	320747	47.371	ug/l	98
11) Tert butyl alcohol	3.02	59	403349	305.761	ug/l	99
12) 1,1-Dichloroethene	2.35	96	250470	49.766	ug/l	97
13) Acrolein	2.28	56	237852	236.389	ug/l	98
14) Allyl chloride	2.71	41	458903	49.935	ug/l	99
15) Acrylonitrile	3.12	53	822893	288.811	ug/l	99
16) Acetone	2.42	43	780903	283.463	ug/l	97
17) Carbon Disulfide	2.55	76	730756	47.769	ug/l	99
18) Methyl Acetate	2.75	43	367168	56.591	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	956879	54.930	ug/l	99
20) Methylene Chloride	2.84	84	302947	58.610	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	284865	52.834	ug/l	98
22) Diisopropyl ether	3.82	45	943230	56.133	ug/l	# 86
23) Vinyl Acetate	3.79	43	4287157	286.145	ug/l	100
24) 1,1-Dichloroethane	3.67	63	532126	54.973	ug/l	99
25) 2-Butanone	4.63	43	1193741	305.026	ug/l	98
26) 2,2-Dichloropropane	4.55	77	262401	30.284	ug/l	94
27) cis-1,2-Dichloroethene	4.57	96	320646	54.753	ug/l	95
28) Bromochloromethane	4.98	49	219421	50.022	ug/l	99
29) Tetrahydrofuran	5.09	42	761318	314.054	ug/l	98
30) Chloroform	5.18	83	552724	55.884	ug/l	97
31) Cyclohexane	5.55	56	377954	48.963	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	497711	53.364	ug/l	100
36) 1,1-Dichloropropene	5.77	75	380401	49.537	ug/l	100
37) Ethyl Acetate	4.79	43	453050	53.921	ug/l	100
38) Carbon Tetrachloride	5.75	117	451923	48.463	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	365150	40.733	ug/l	99
40) Benzene	6.12	78	1142405	51.891	ug/l	98
41) Methacrylonitrile	5.01	41	252690	52.469	ug/l	99
42) 1,2-Dichloroethane	6.17	62	478462	53.123	ug/l	99
43) Isopropyl Acetate	6.42	43	746028	53.814	ug/l	100
44) Trichloroethene	7.19	130	333832	51.887	ug/l	100
45) 1,2-Dichloropropane	7.49	63	305646	50.081	ug/l	99
46) Dibromomethane	7.64	93	217327	50.387	ug/l	98
47) Bromodichloromethane	7.88	83	453783	52.288	ug/l	98
48) Methyl methacrylate	7.75	41	373269	54.319	ug/l	99
49) 1,4-Dioxane	7.71	88	167168	1268.846	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2318525	280.302	ug/l	99
52) Toluene	8.77	92	712699	50.478	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	457748	47.118	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	480870	48.528	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	302258	51.390	ug/l	99
56) Ethyl methacrylate	9.16	69	475081	53.614	ug/l	99
57) 1,3-Dichloropropane	9.35	76	496355	51.251	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1202996	257.686	ug/l	99
59) 2-Hexanone	9.48	43	1720470	276.269	ug/l	99
60) Dibromochloromethane	9.57	129	370946	49.621	ug/l	99
61) 1,2-Dibromoethane	9.65	107	314238	50.183	ug/l	100
64) Tetrachloroethene	9.32	164	315856	51.105	ug/l	96
65) Chlorobenzene	10.12	112	730747	49.027	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	301876	50.183	ug/l	100
67) Ethyl Benzene	10.24	91	1257912	50.558	ug/l	100
68) m/p-Xylenes	10.34	106	998163	103.558	ug/l	99
69) o-Xylene	10.68	106	489055	52.755	ug/l	98
70) Styrene	10.69	104	865625	54.882	ug/l	99
71) Bromoform	10.84	173	280408	53.803	ug/l #	97
73) Isopropylbenzene	11.00	105	1400077	49.378	ug/l	99
74) N-amyl acetate	10.88	43	586979	46.593	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	423708	47.874	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	500915	58.916	ug/l	82
77) Bromobenzene	11.24	156	385190	48.525	ug/l	97
78) n-propylbenzene	11.35	91	1475918	46.152	ug/l	100
79) 2-Chlorotoluene	11.40	91	897659	45.314	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1128185	46.601	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	139294	41.282	ug/l	96
82) 4-Chlorotoluene	11.49	91	1084632	46.415	ug/l	100
83) tert-Butylbenzene	11.76	119	1073273	46.332	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1135221	47.145	ug/l	99
85) sec-Butylbenzene	11.93	105	1210796	44.869	ug/l	99
86) p-Isopropyltoluene	12.05	119	1165458	45.352	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	628182	46.084	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	723075	51.211	ug/l	100
89) n-Butylbenzene	12.37	91	1084064	47.342	ug/l	99
90) Hexachloroethane	12.58	117	242339	47.832	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	678578	50.650	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	108240	43.594	ug/l	97

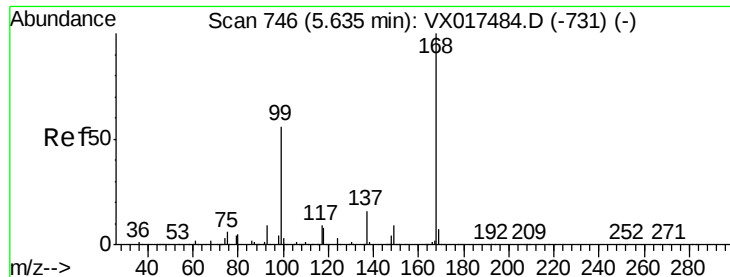
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	418262	45.744	ug/l	98
94) Hexachlorobutadiene	13.77	225	166289	39.509	ug/l	95
95) Naphthalene	13.82	128	1375480	50.393	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	427820	47.387	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

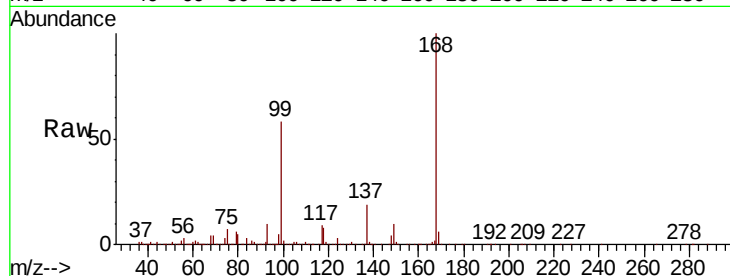
ClientSampleId :

Tot Ion:168 Resp: 487265

Ion Ratio Lower Upper

168 100

99 57.6 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

150000

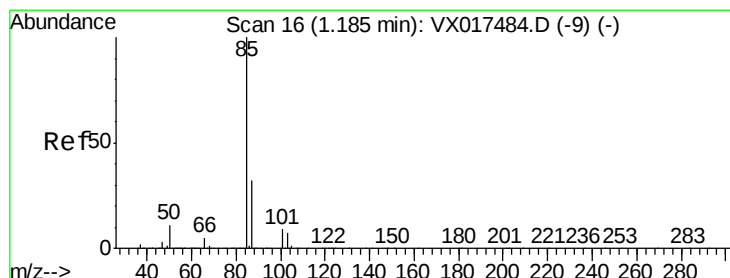
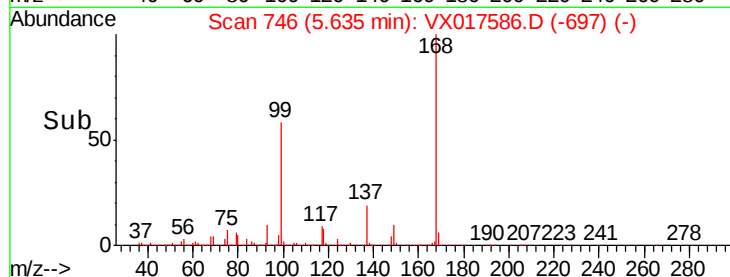
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 45.967 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017586.D

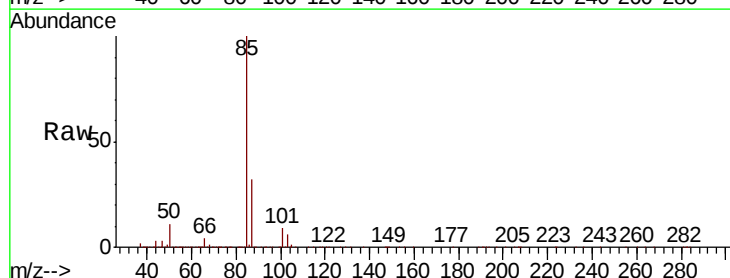
Acq: 25 Jul 2020 11:04

Tgt Ion: 85 Resp: 208172

Ion Ratio Lower Upper

85 100

87 31.7 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

250000

200000

150000

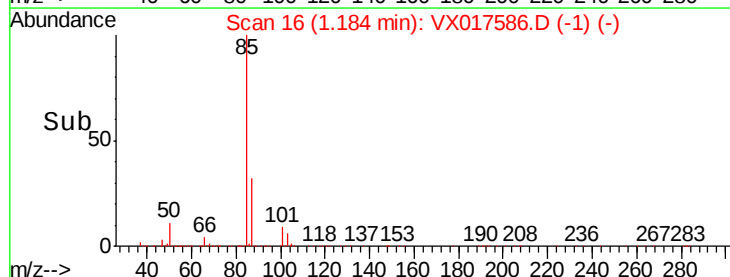
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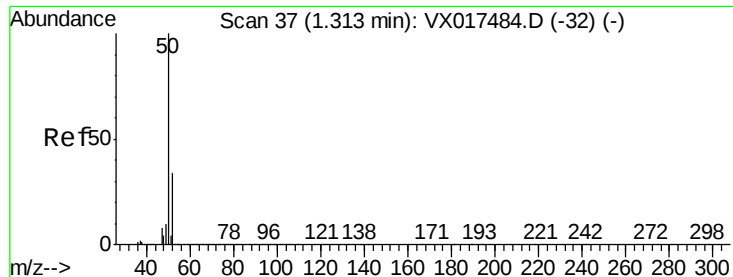
50000

0

Time-->

1.10 1.15 1.20 1.25





#3

Chloromethane

Concen: 51.567 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

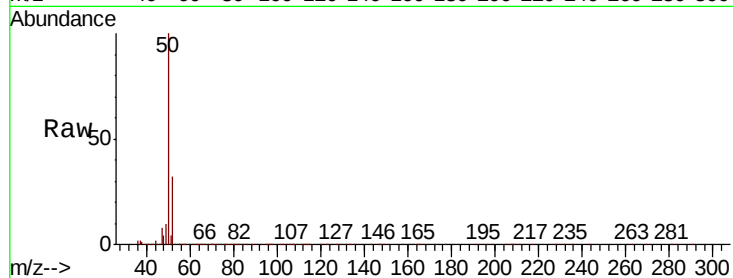
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 310662

Ion Ratio Lower Upper

50 100

52 31.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

300000

250000

200000

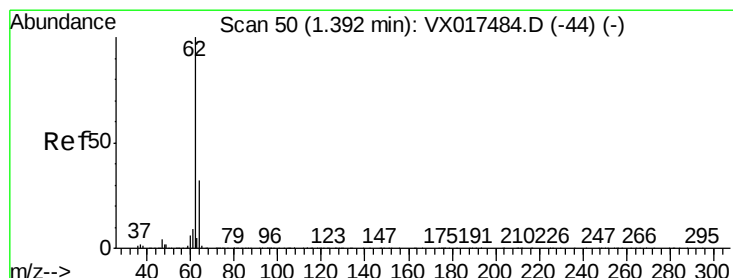
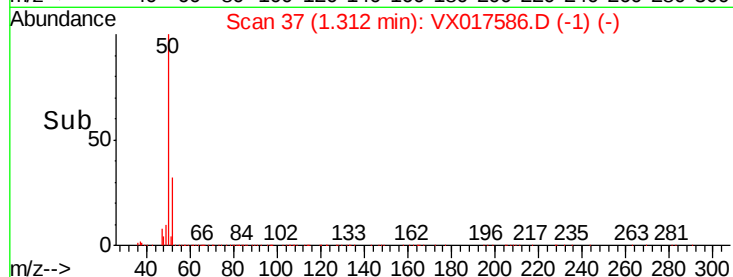
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 49.284 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017586.D

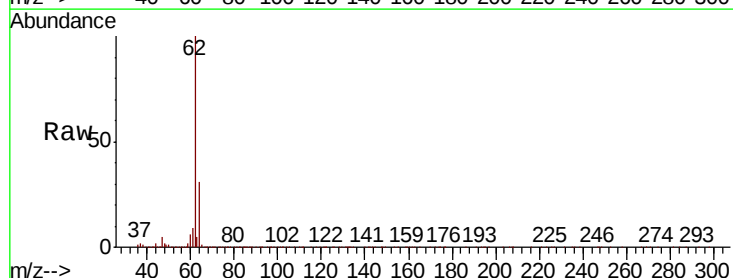
Acq: 25 Jul 2020 11:04

Tgt Ion: 62 Resp: 302193

Ion Ratio Lower Upper

62 100

64 31.3 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

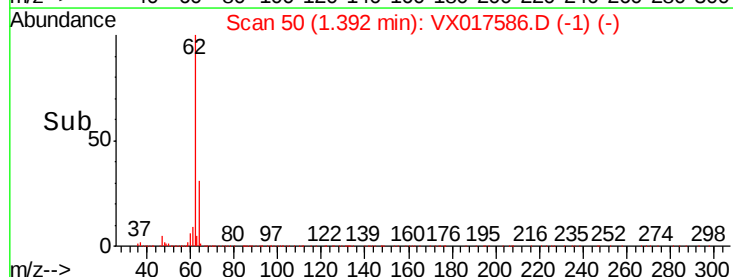
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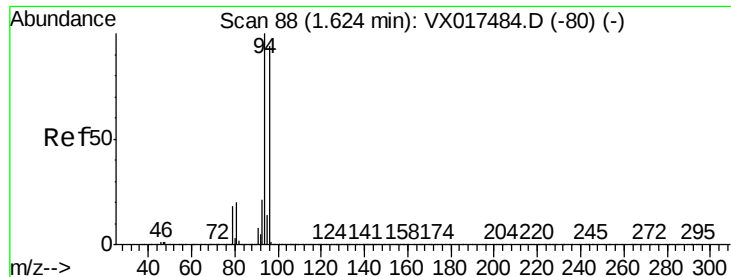
200000

100000

0

Time-->





#5

Bromomethane

Concen: 54.754 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

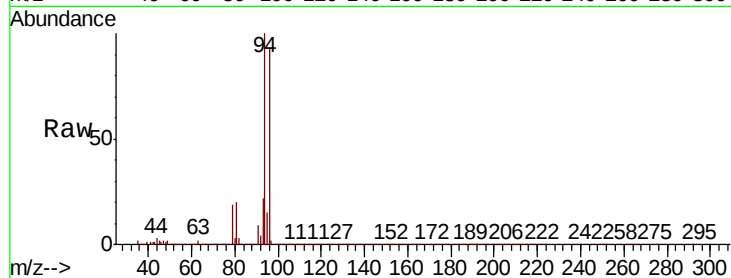
ClientSampleId :

Tot Ion: 94 Resp: 179498

Ion Ratio Lower Upper

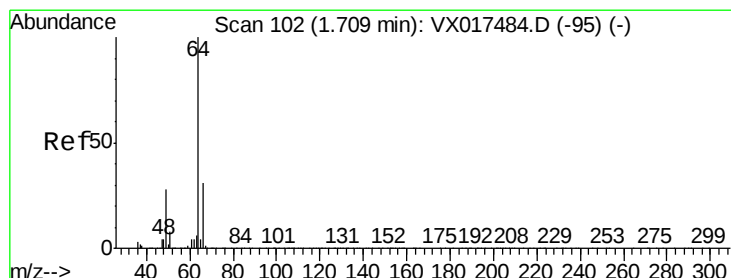
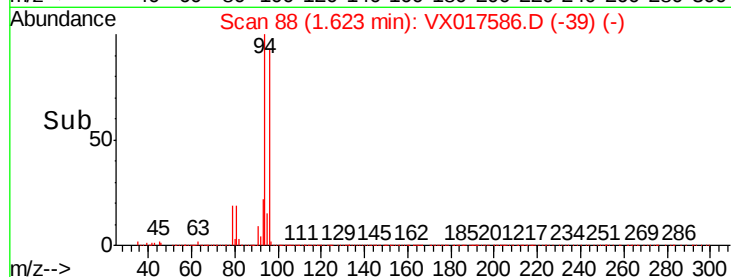
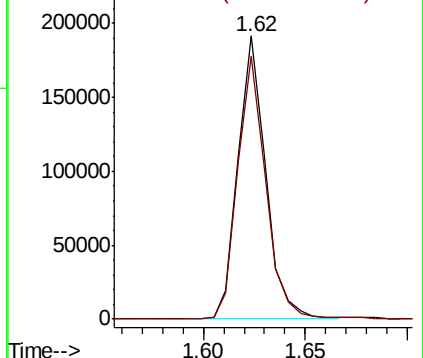
94 100

96 92.9 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.229 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017586.D

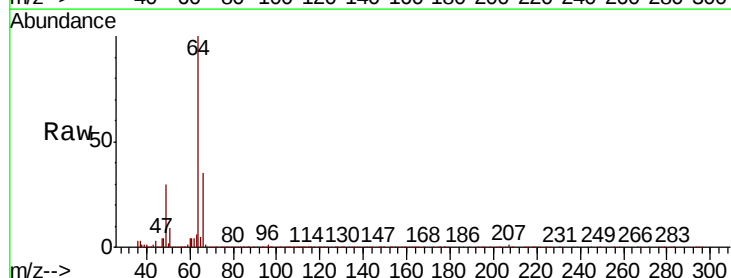
Acq: 25 Jul 2020 11:04

Tgt Ion: 64 Resp: 179809

Ion Ratio Lower Upper

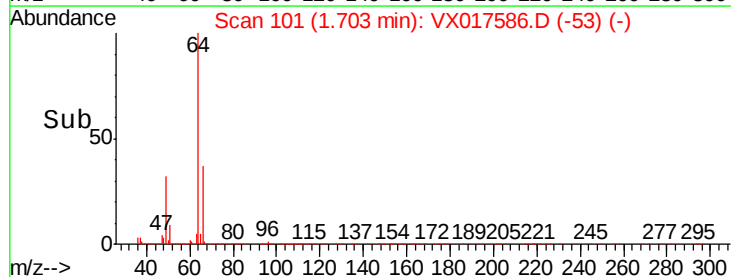
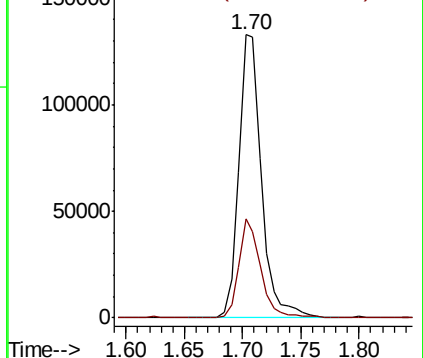
64 100

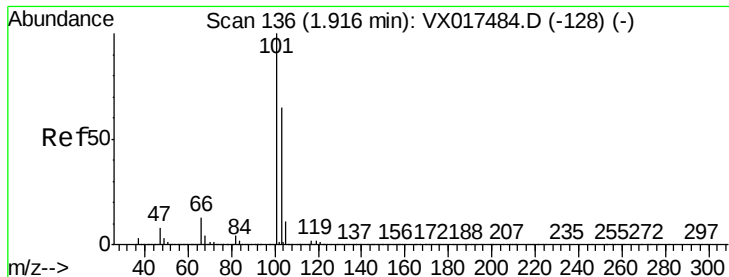
66 34.7 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



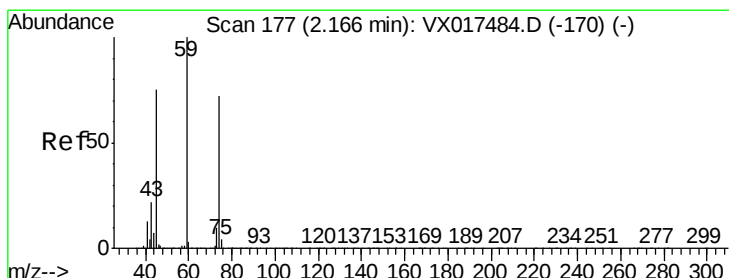
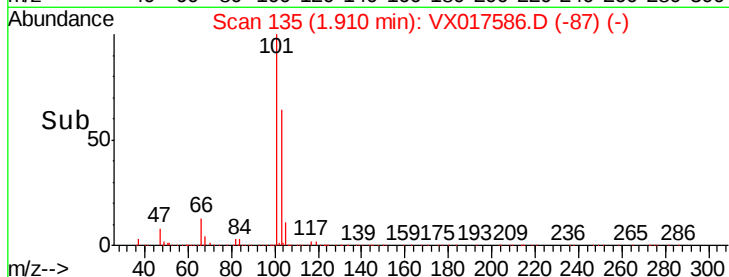
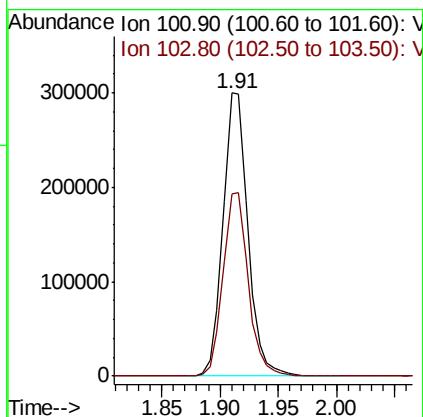
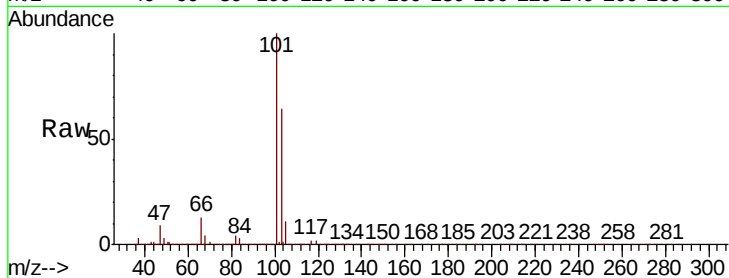


#7

Trichlorofluoromethane
 Concen: 46.123 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :

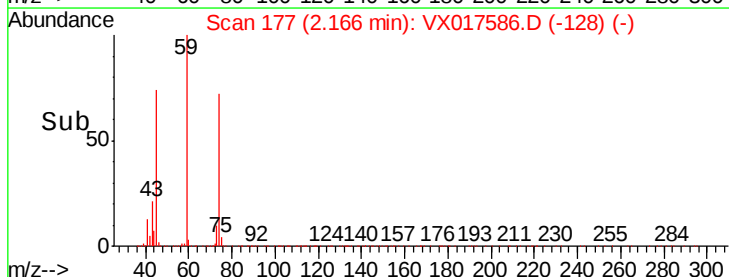
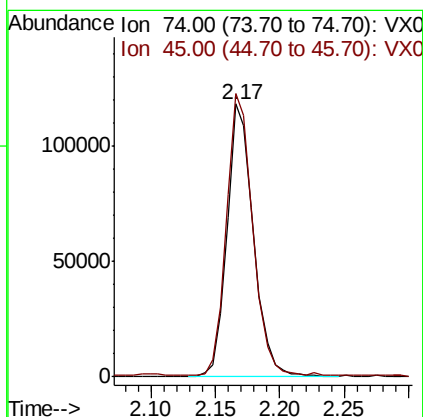
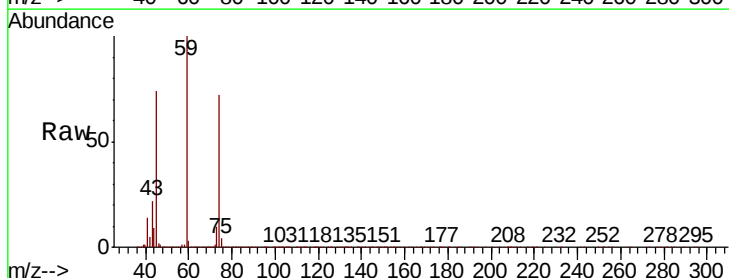
Tot Ion:101 Resp: 444831
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.8 77.8

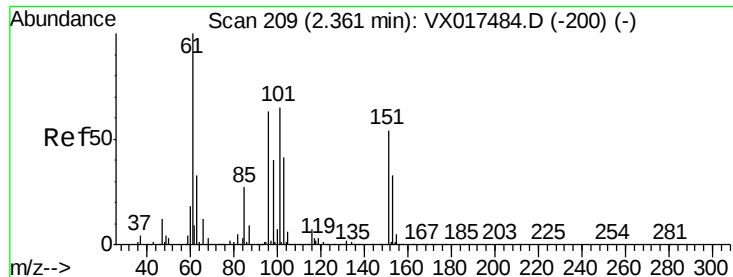


#8

Diethyl Ether
 Concen: 54.171 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Tgt Ion: 74 Resp: 169023
 Ion Ratio Lower Upper
 74 100
 45 104.0 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.274 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

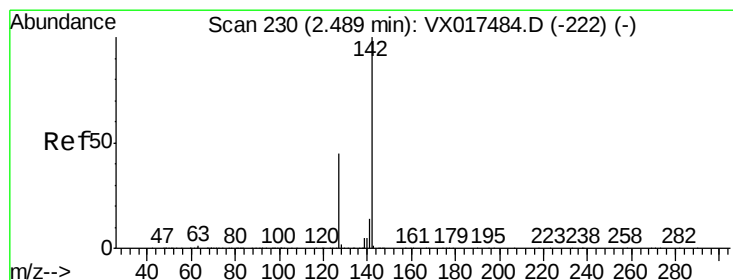
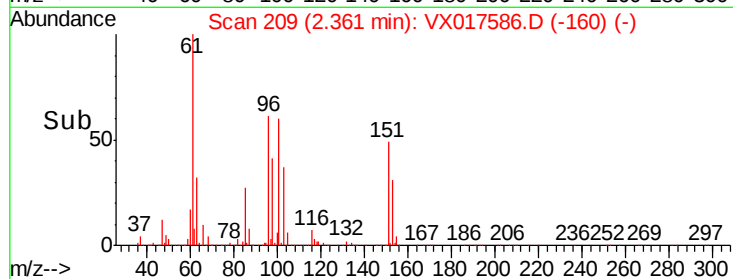
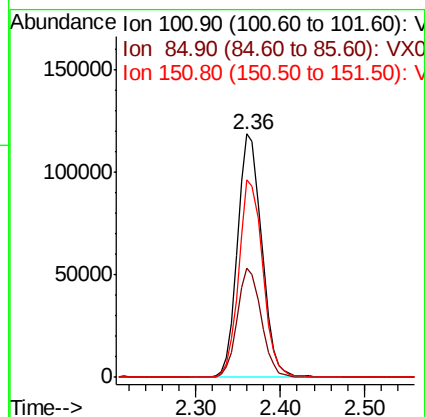
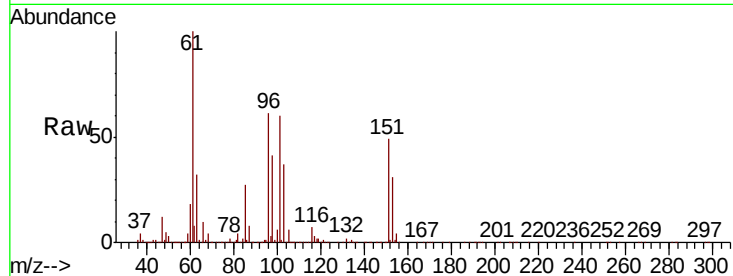
Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 229029

Ion	Ratio	Lower	Upper
101	100		
85	44.3	34.8	52.2
151	80.4	68.0	102.0



#10

Methyl Iodide

Concen: 47.371 ug/l

RT: 2.49 min Scan# 230

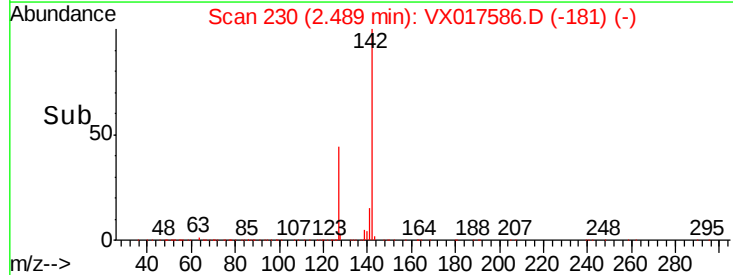
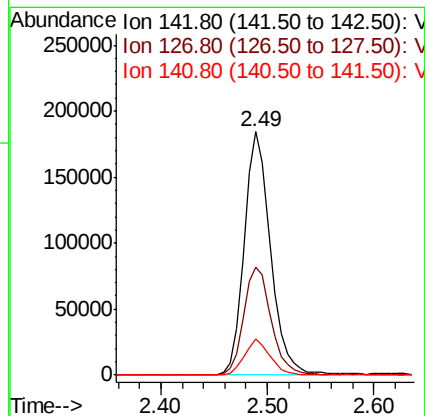
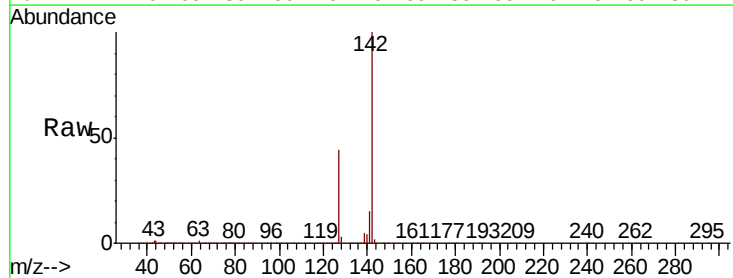
Delta R.T. -0.00 min

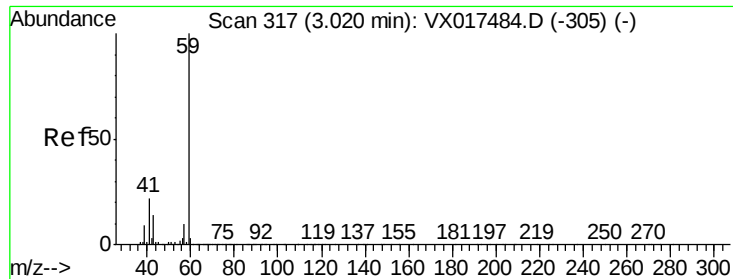
Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Tgt Ion:142 Resp: 320747

Ion	Ratio	Lower	Upper
142	100		
127	46.1	35.9	53.9
141	14.4	11.4	17.0

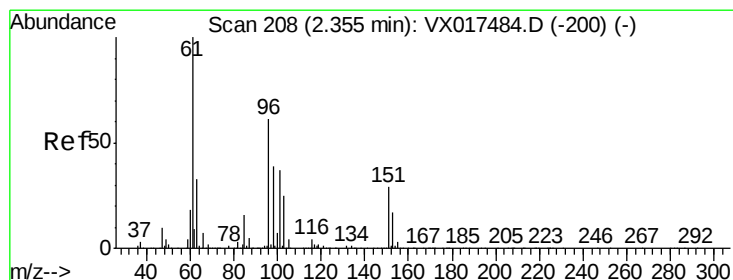
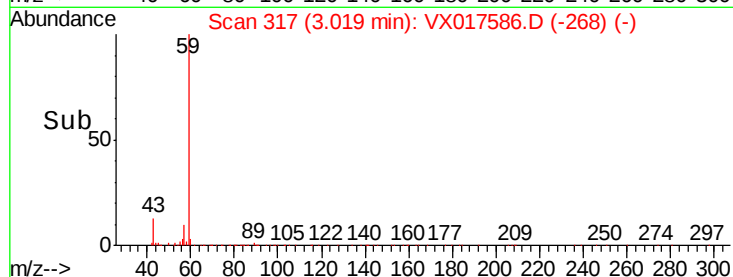
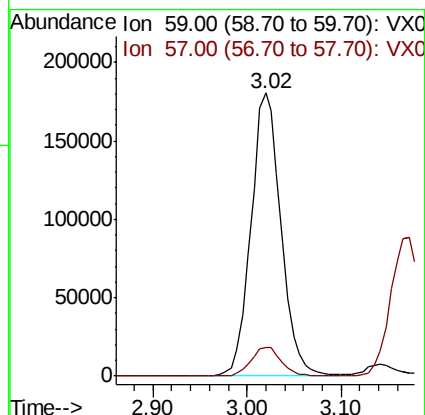
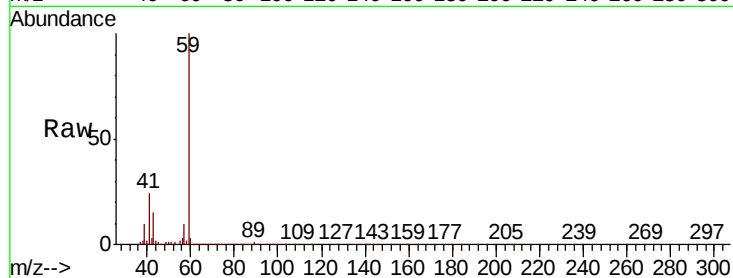




#11
Tert butyl alcohol
Concen: 305.761 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

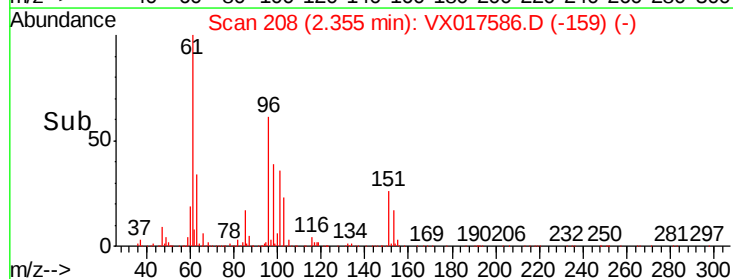
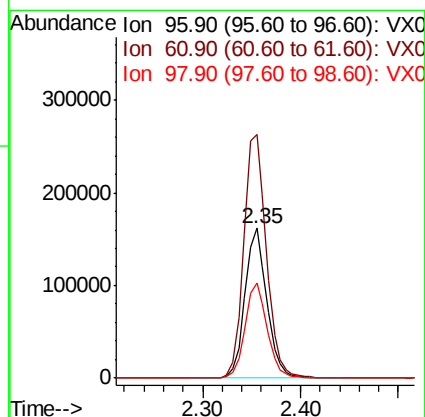
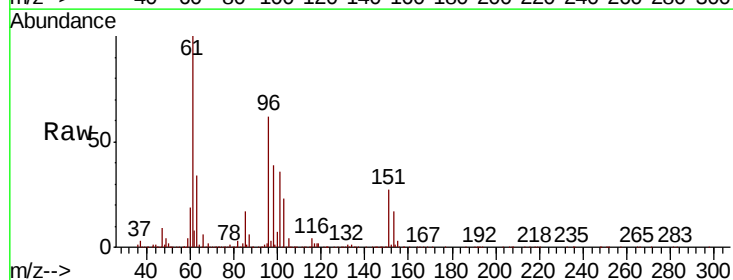
Instrument :
MSVOA_X
ClientSampleId :

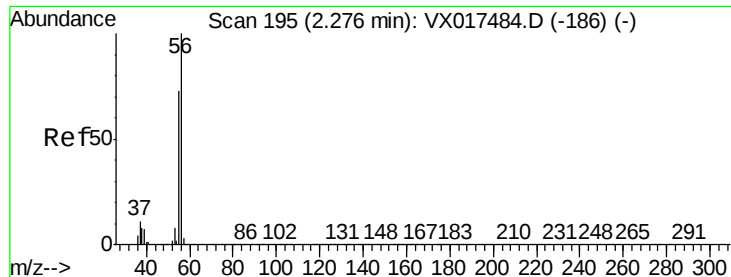
Tot Ion: 59 Resp: 403349
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 49.766 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion: 96 Resp: 250470
Ion Ratio Lower Upper
96 100
61 162.6 134.0 201.0
98 63.3 51.0 76.4





#13

Acrolein

Concen: 236.389 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

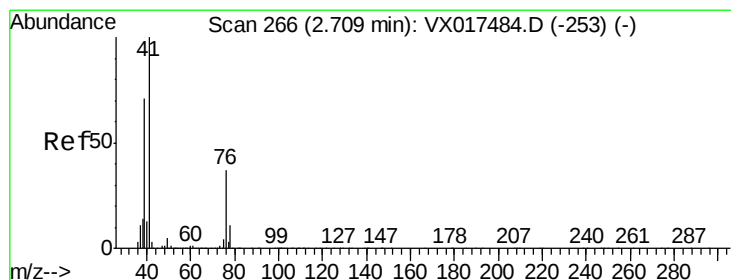
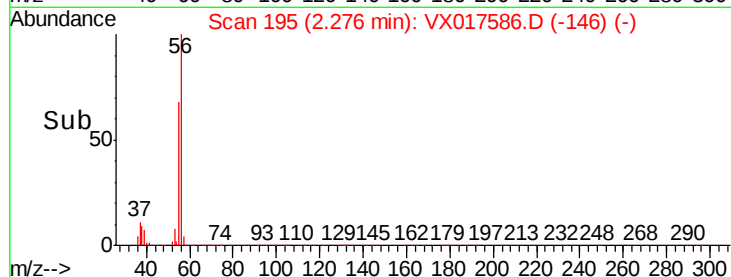
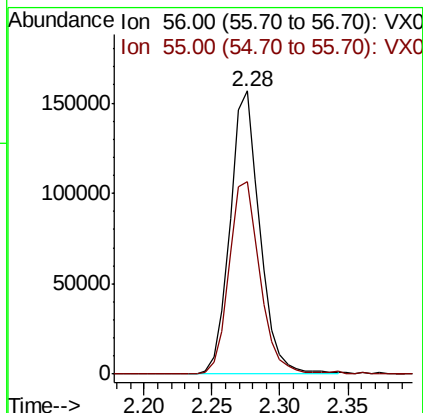
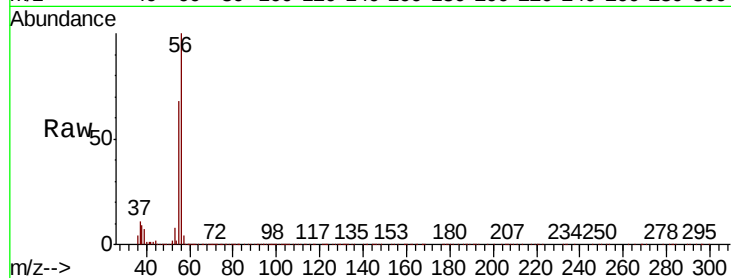
ClientSampleId :

Tot Ion: 56 Resp: 237852

Ion Ratio Lower Upper

56 100

55 70.3 57.4 86.2



#14

Allyl chloride

Concen: 49.935 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

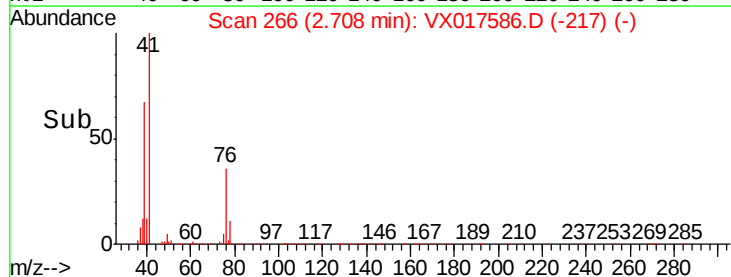
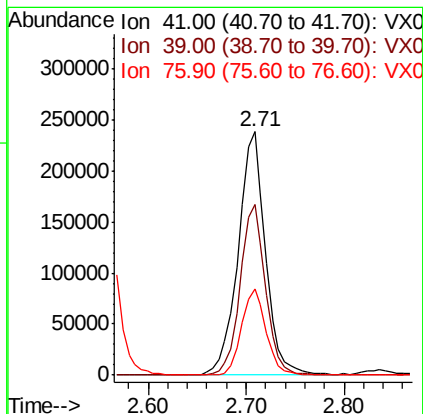
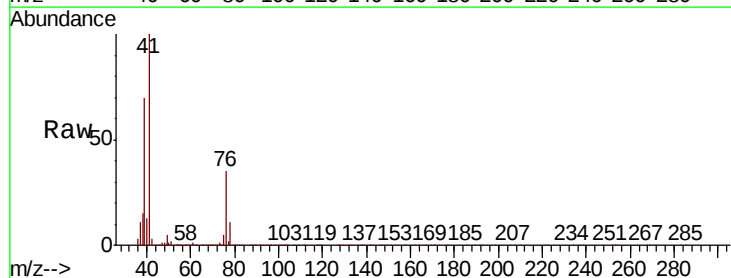
Tgt Ion: 41 Resp: 458903

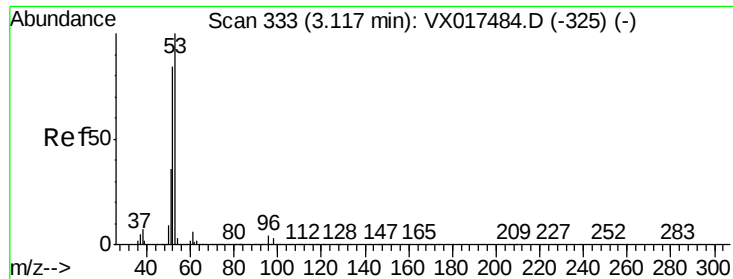
Ion Ratio Lower Upper

41 100

39 65.5 51.9 77.9

76 31.8 25.5 38.3





#15

Acrylonitrile

Concen: 288.811 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampled :

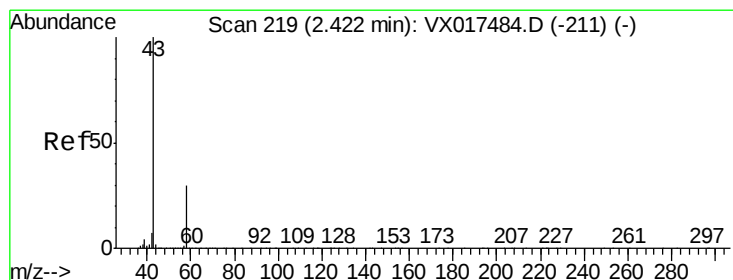
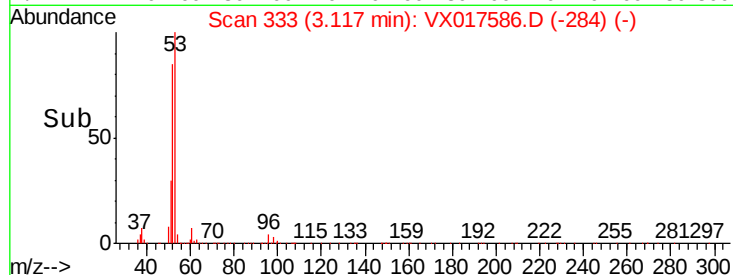
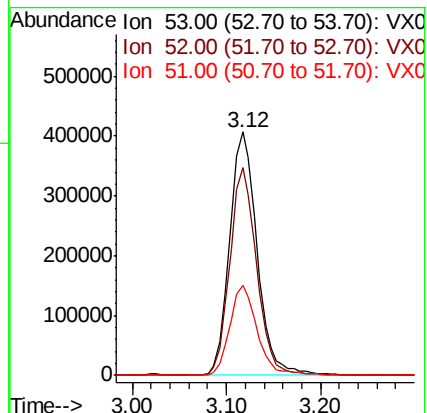
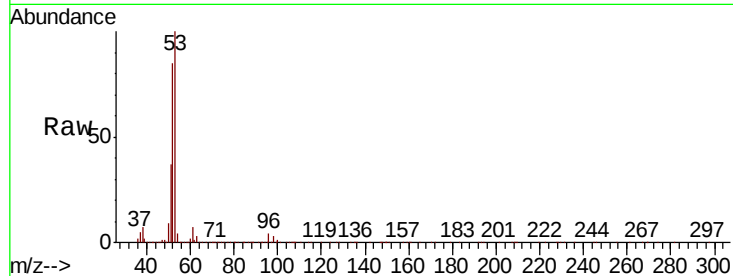
Tot Ion: 53 Resp: 822893

Ion Ratio Lower Upper

53 100

52 83.9 66.6 99.8

51 37.0 29.4 44.2



#16

Acetone

Concen: 283.463 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017586.D

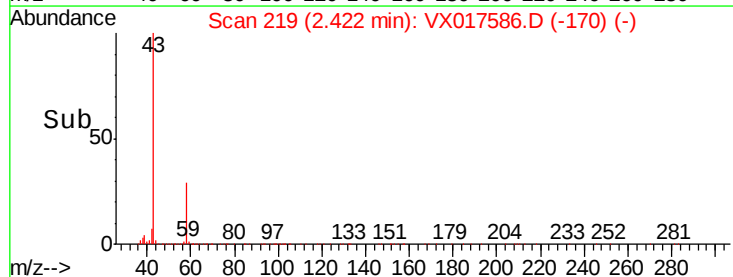
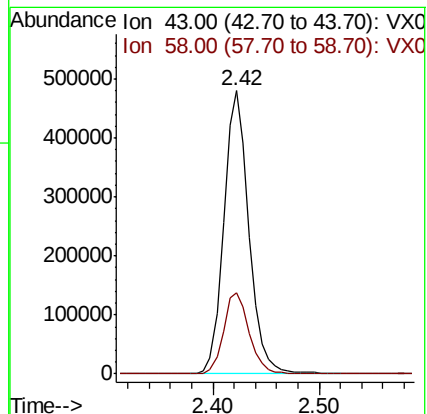
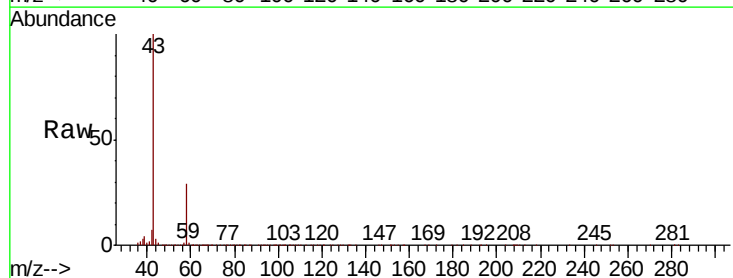
Acq: 25 Jul 2020 11:04

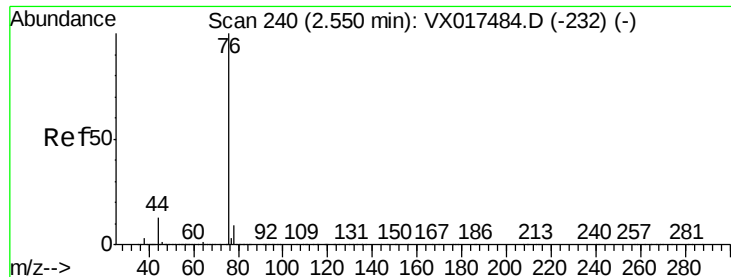
Tgt Ion: 43 Resp: 780903

Ion Ratio Lower Upper

43 100

58 28.8 24.2 36.4





#17

Carbon Disulfide

Concen: 47.769 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

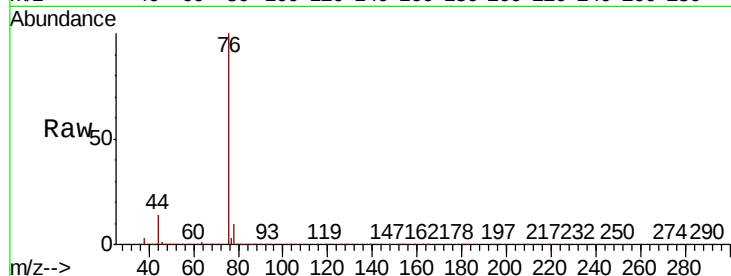
ClientSampleId :

Tot Ion: 76 Resp: 730756

Ion Ratio Lower Upper

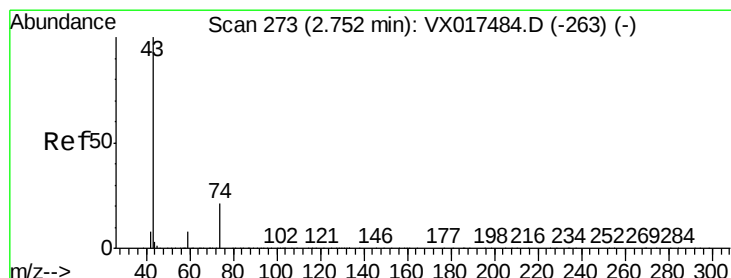
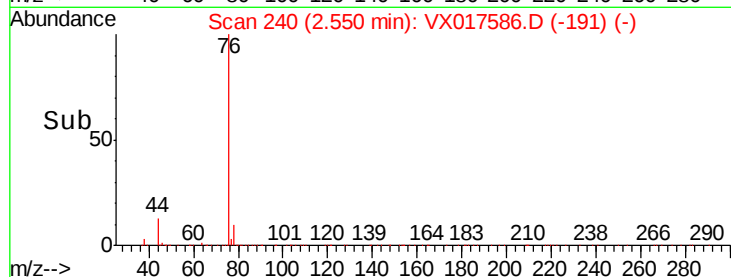
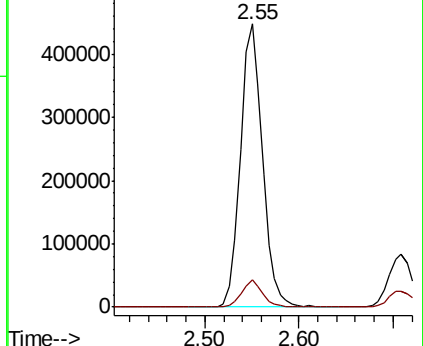
76 100

78 9.6 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: 56.591 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017586.D

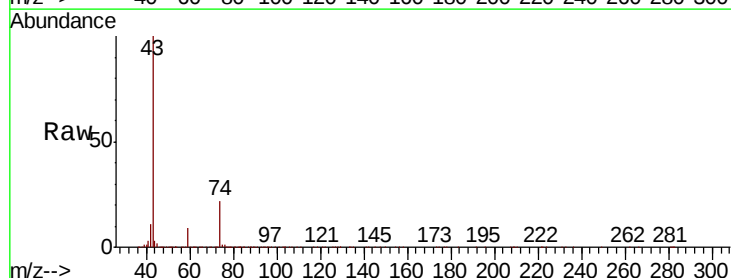
Acq: 25 Jul 2020 11:04

Tgt Ion: 43 Resp: 367168

Ion Ratio Lower Upper

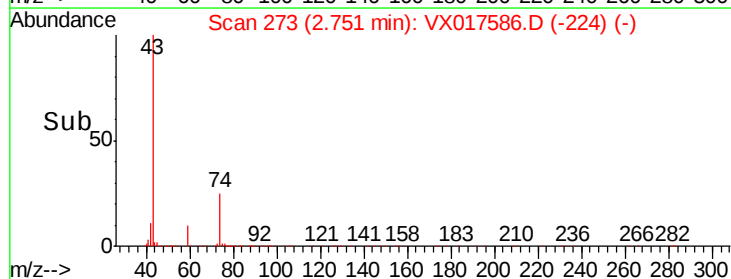
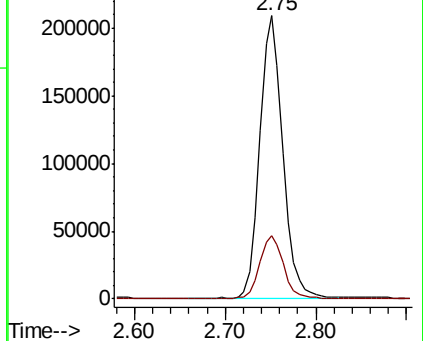
43 100

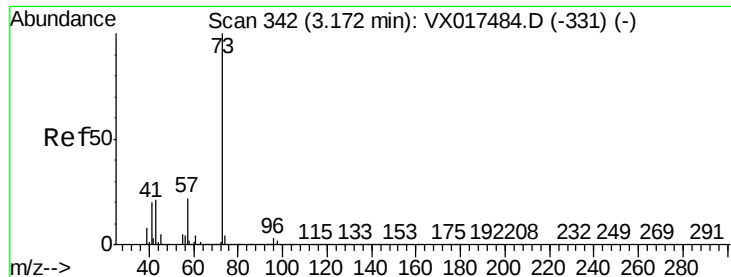
74 23.4 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

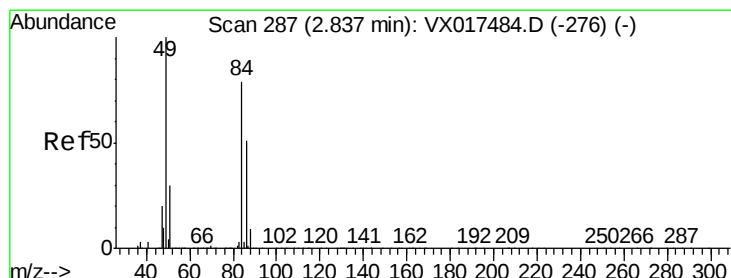
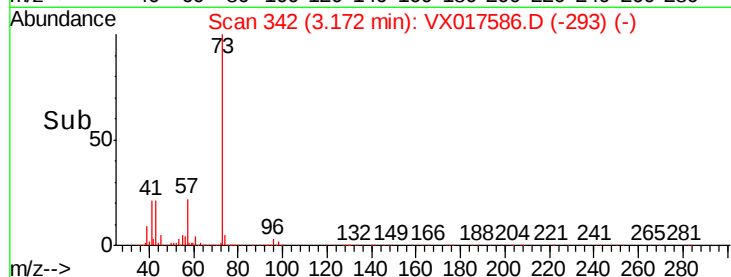
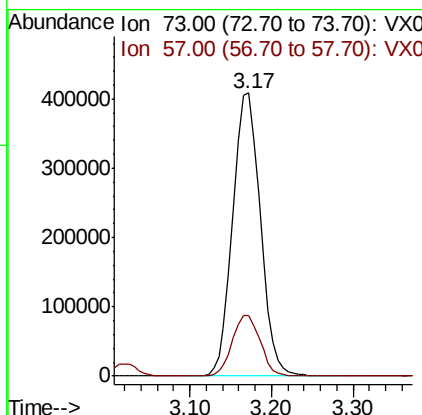
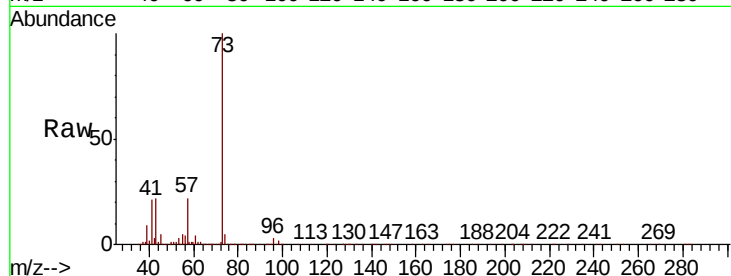




#19
Methyl tert-butyl Ether
Concen: 54.930 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

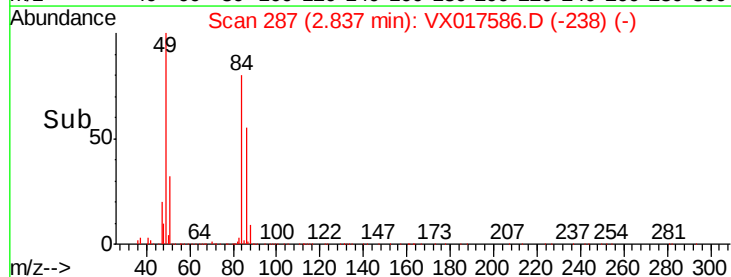
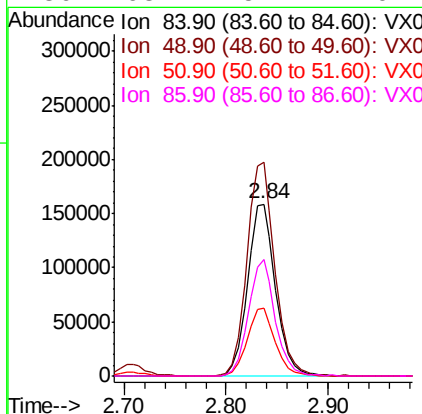
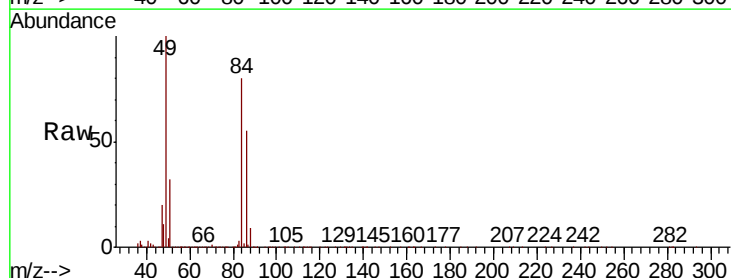
Instrument :
MSVOA_X
ClientSampleId :

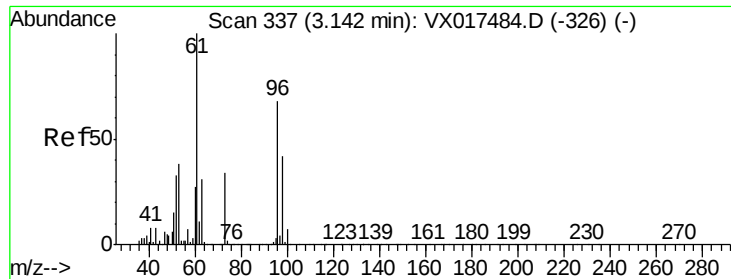
Tot Ion: 73 Resp: 956879
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.4



#20
Methylene Chloride
Concen: 58.610 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion: 84 Resp: 302947
Ion Ratio Lower Upper
84 100
49 124.2 100.3 150.5
51 39.0 30.5 45.7
86 68.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 52.834 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :

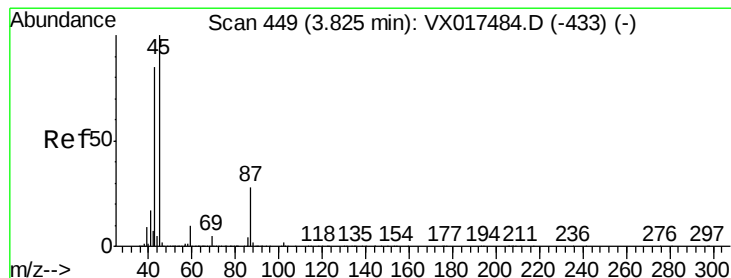
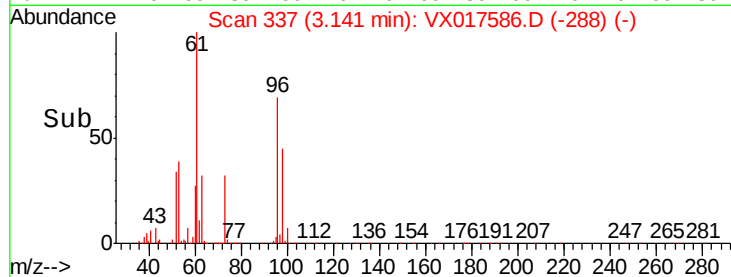
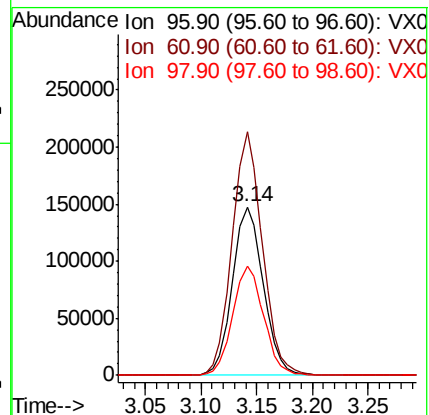
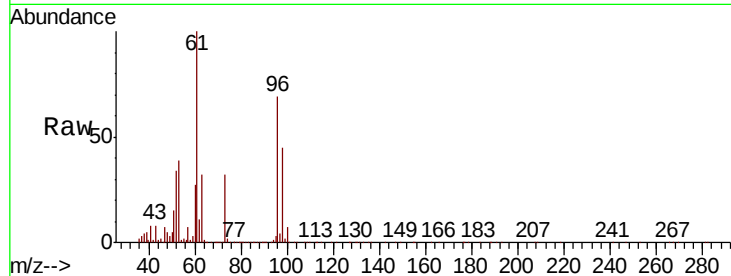
Tot Ion: 96 Resp: 284865

Ion Ratio Lower Upper

96 100

61 144.4 113.0 169.4

98 64.5 51.8 77.8



#22

Diisopropyl ether

Concen: 56.133 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Tgt Ion: 45 Resp: 943230

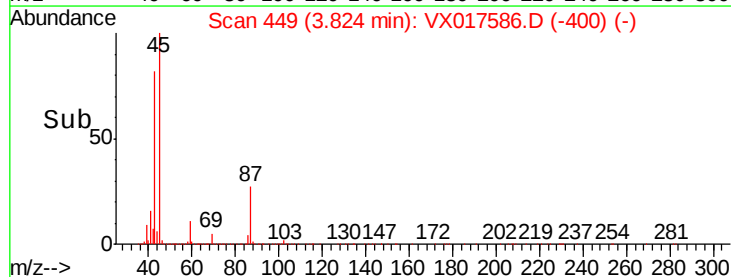
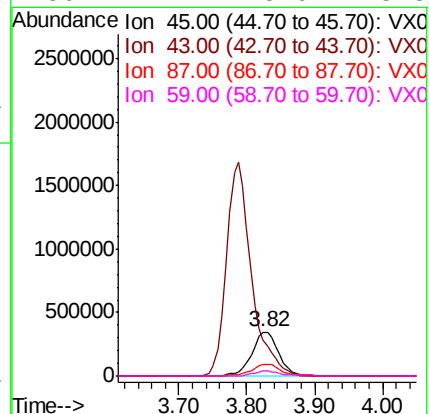
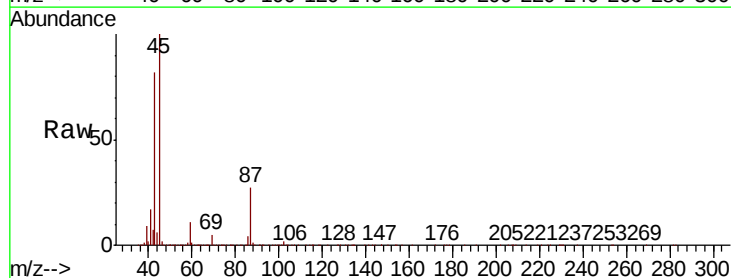
Ion Ratio Lower Upper

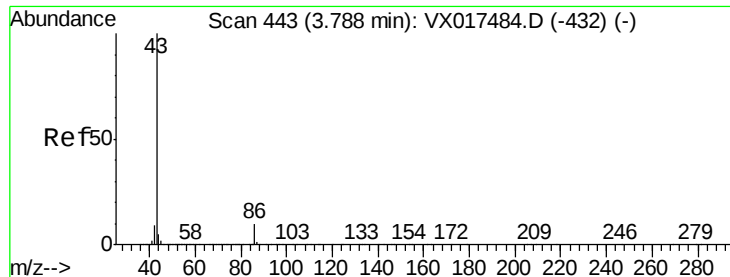
45 100

43 82.2 52.0 78.0#

87 27.4 22.2 33.4

59 11.4 8.9 13.3





#23

Vinyl Acetate

Concen: 286.145 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

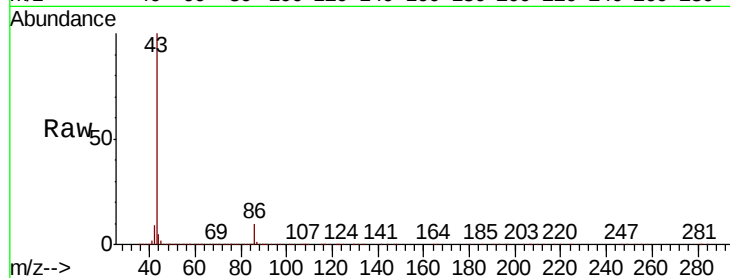
ClientSampled :

Tot Ion: 43 Resp: 4287157

Ion Ratio Lower Upper

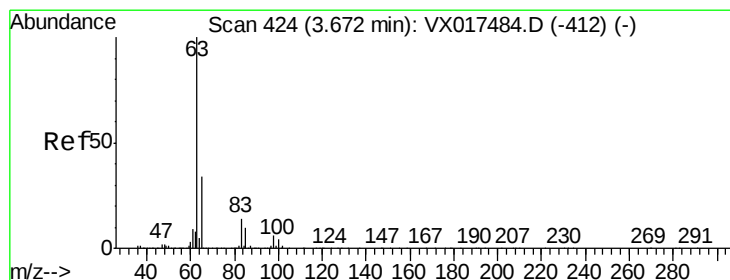
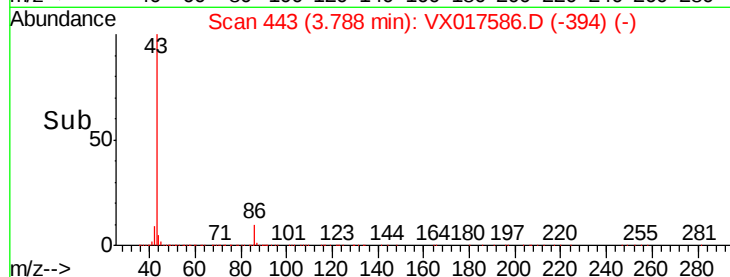
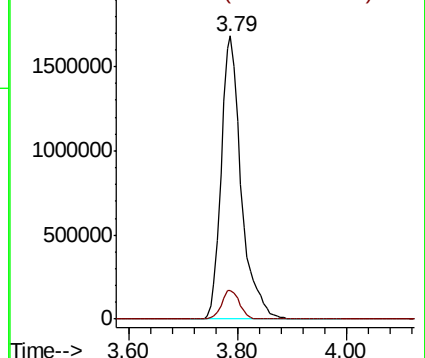
43 100

86 10.4 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.973 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

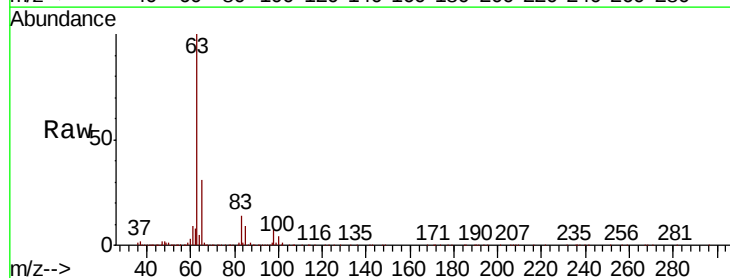
Tgt Ion: 63 Resp: 532126

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

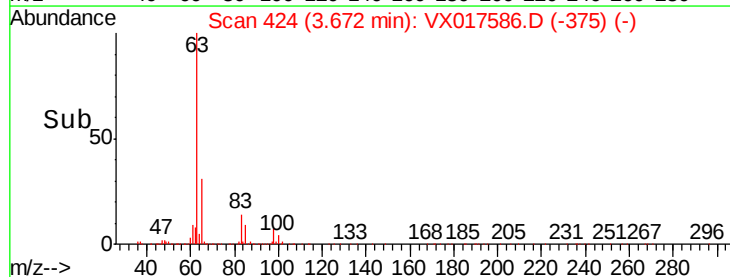
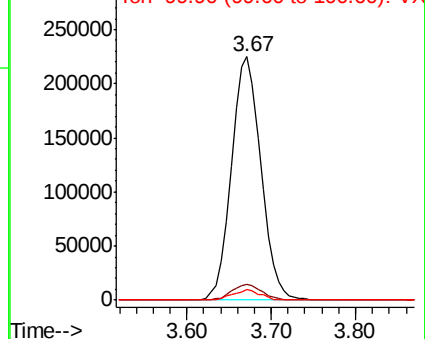
100 4.3 1.9 5.7

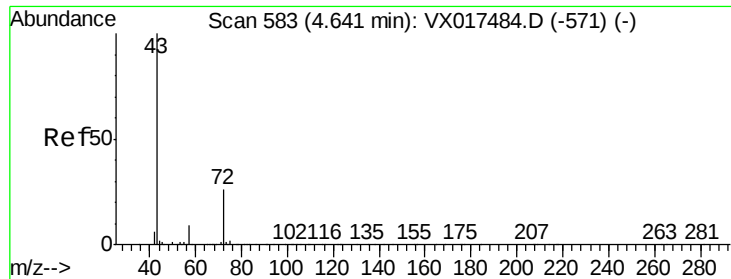


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 305.026 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

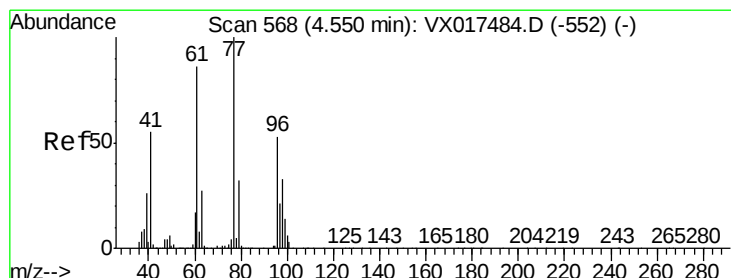
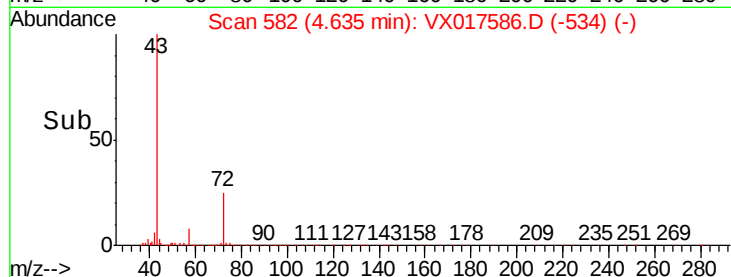
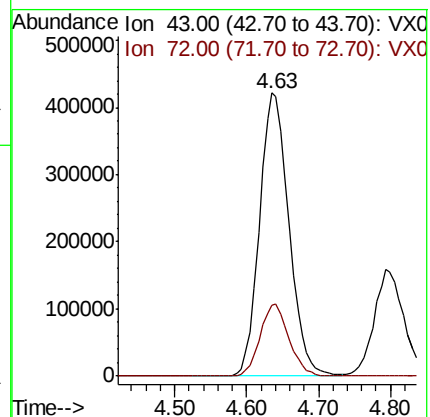
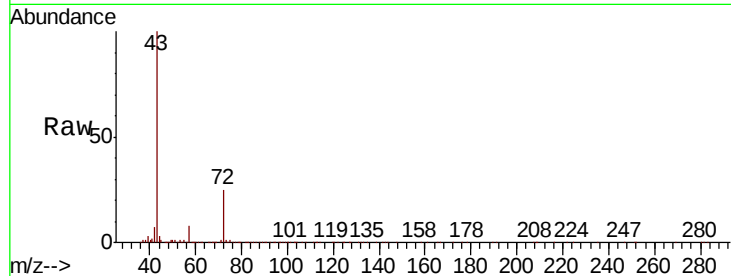
ClientSampleId :

Tot Ion: 43 Resp: 1193741

Ion Ratio Lower Upper

43 100

72 24.8 19.0 28.4



#26

2,2-Dichloropropane

Concen: 30.284 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017586.D

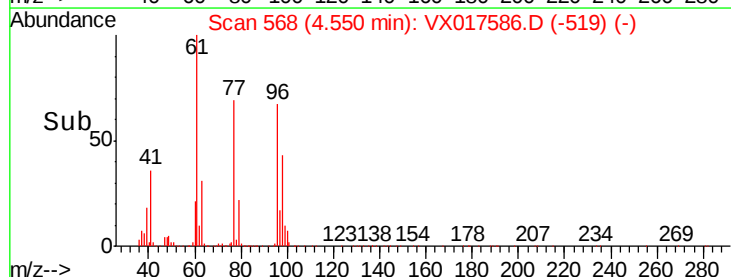
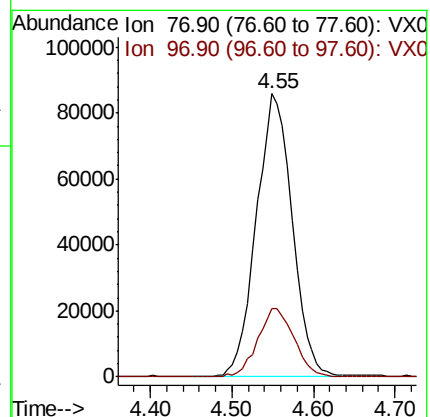
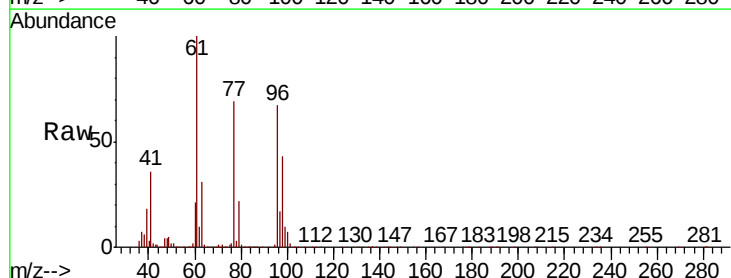
Acq: 25 Jul 2020 11:04

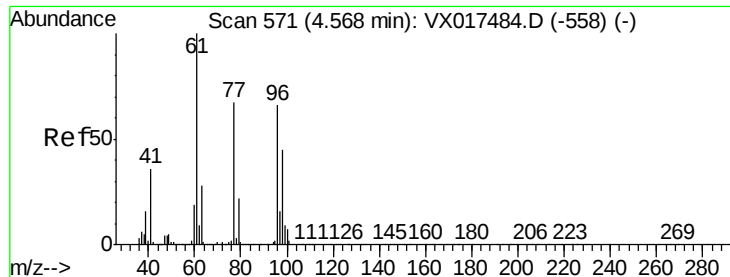
Tgt Ion: 77 Resp: 262401

Ion Ratio Lower Upper

77 100

97 24.7 10.9 32.9



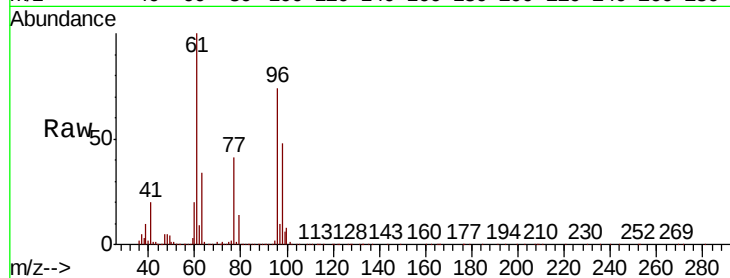


#27

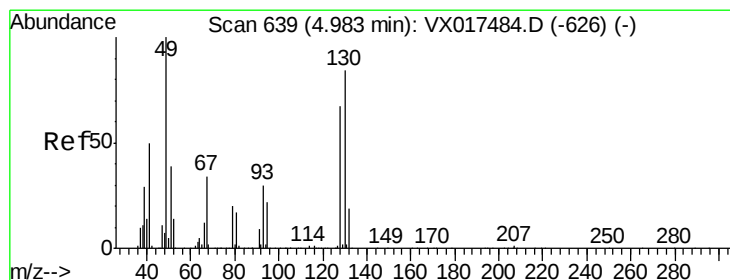
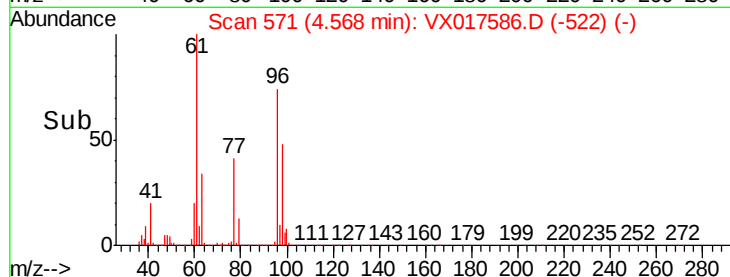
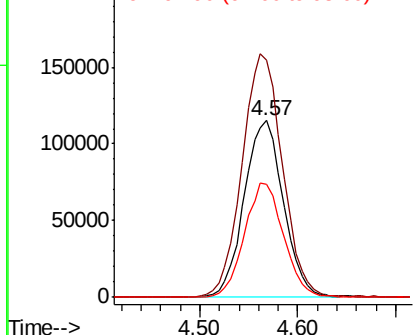
cis-1,2-Dichloroethene
Concen: 54.753 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	301.2
98	64.8	0.0	130.0



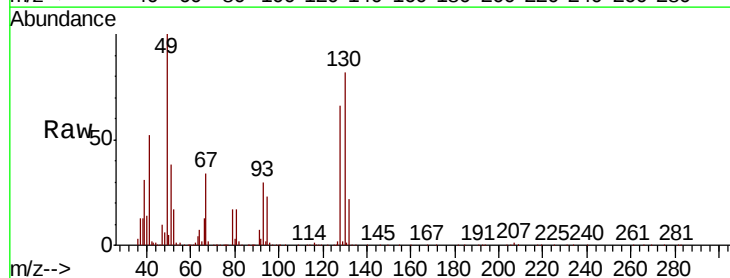
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



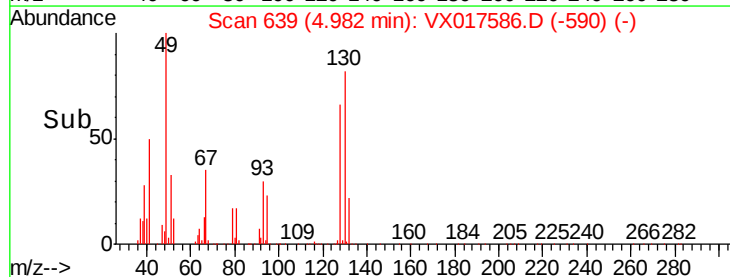
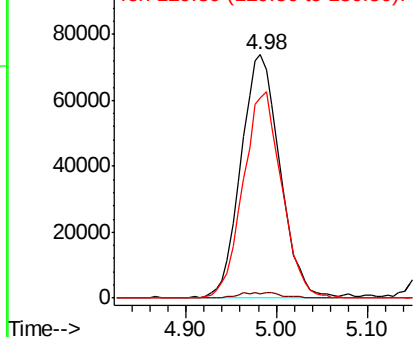
#28

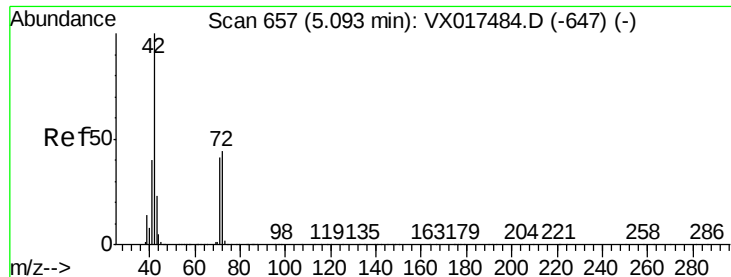
Bromochloromethane
Concen: 50.022 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	84.3	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

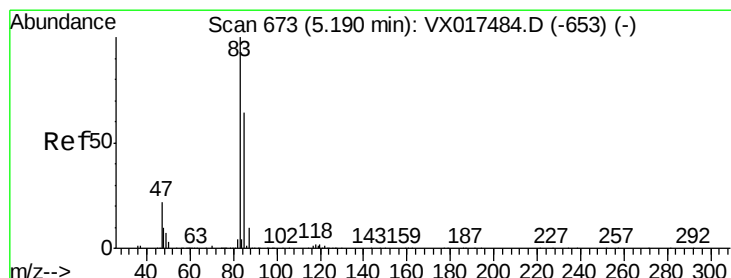
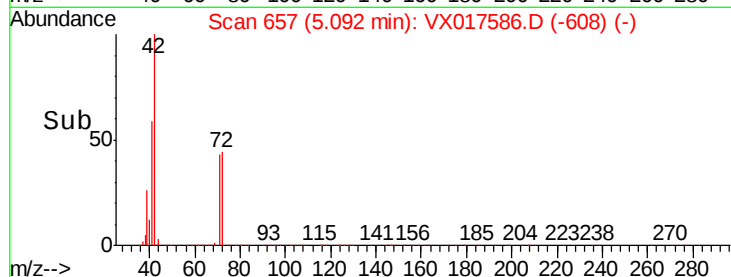
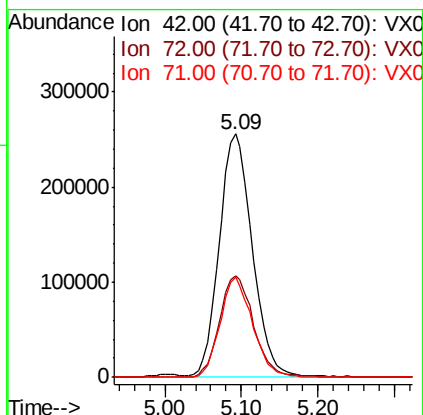
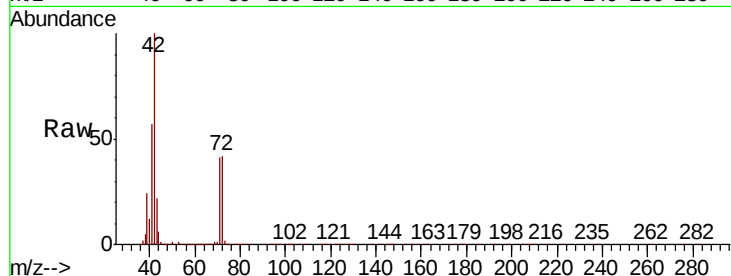




#29
Tetrahydrofuran
Concen: 314.054 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

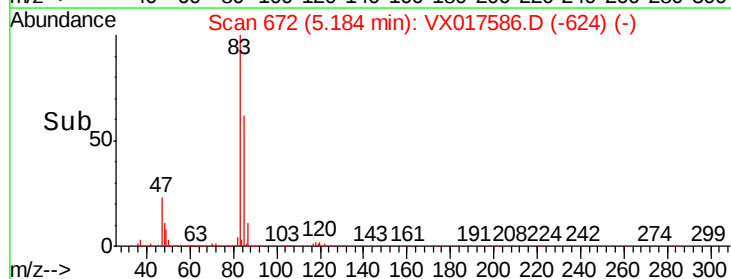
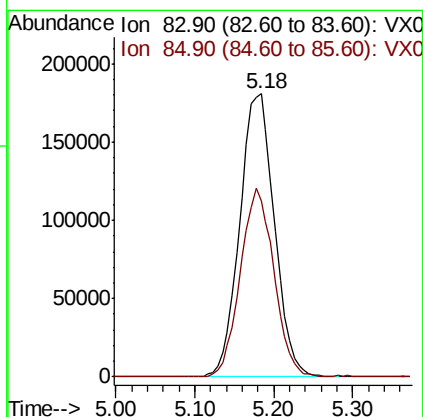
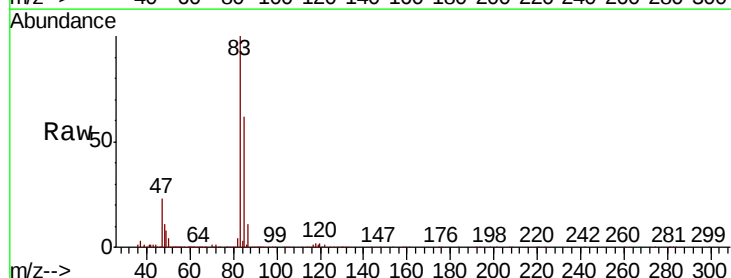
Instrument :
MSVOA_X
ClientSampleId :

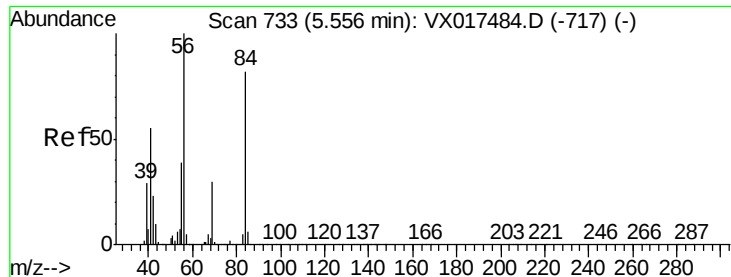
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	35.5	53.3
71	40.4	33.0	49.4



#30
Chloroform
Concen: 55.884 ug/l
RT: 5.18 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.4	77.2

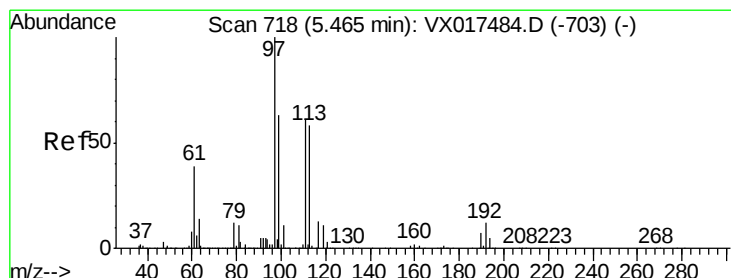
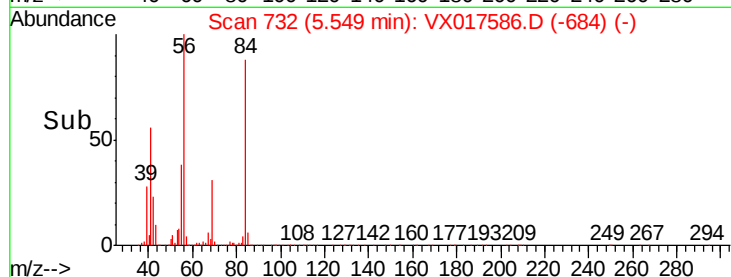
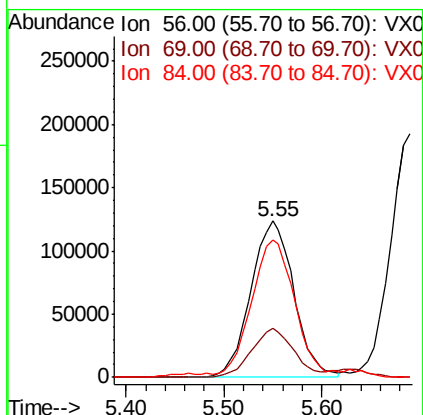
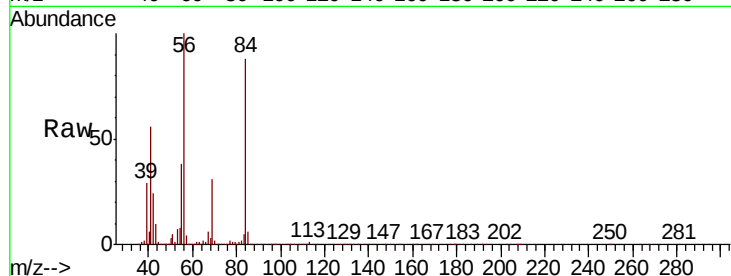




#31
Cyclohexane
Concen: 48.963 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

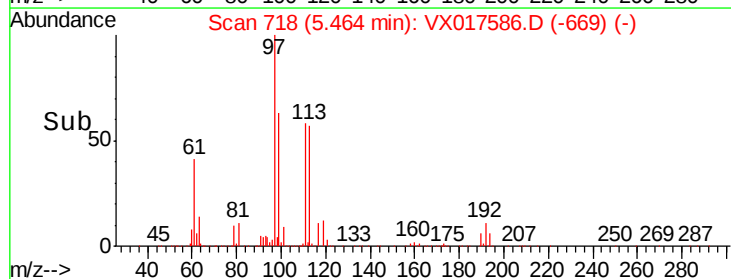
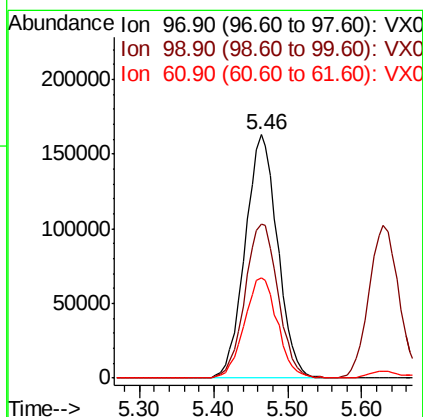
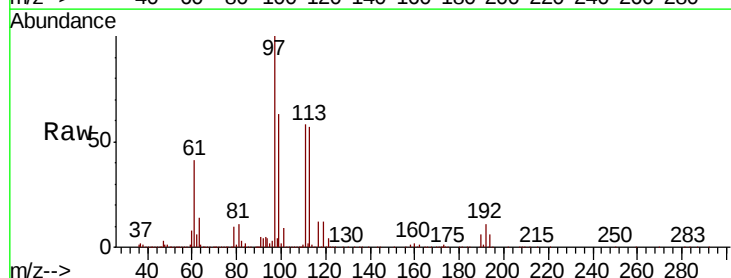
Instrument :
MSVOA_X
ClientSampled :

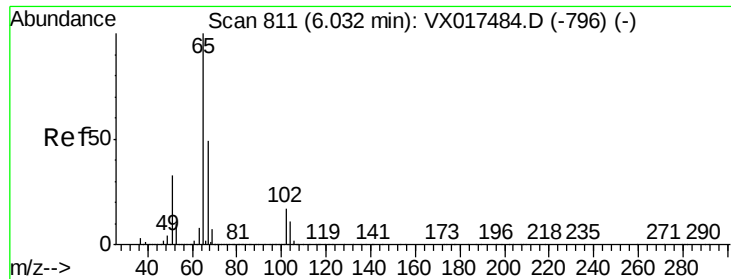
Tot Ion: 56 Resp: 377954
Ion Ratio Lower Upper
56 100
69 30.5 24.2 36.4
84 85.4 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 53.364 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion: 97 Resp: 497711
Ion Ratio Lower Upper
97 100
99 64.8 51.9 77.9
61 42.1 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 57.198 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

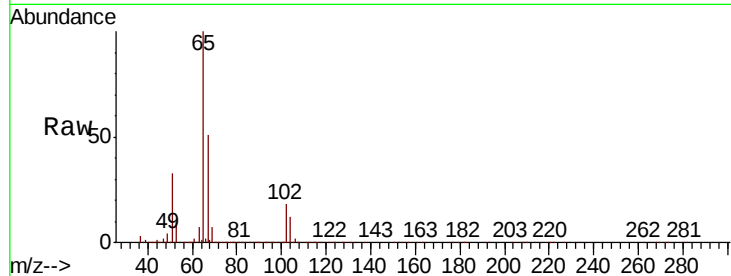
ClientSampled :

Tot Ion: 65 Resp: 358012

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

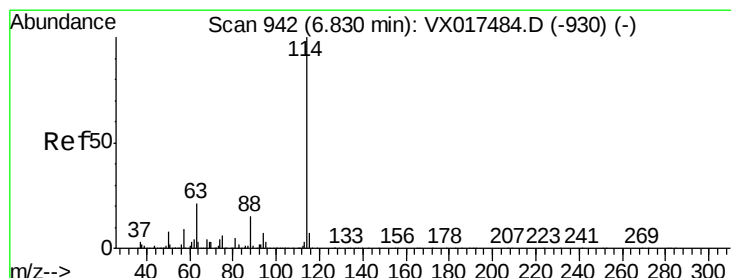
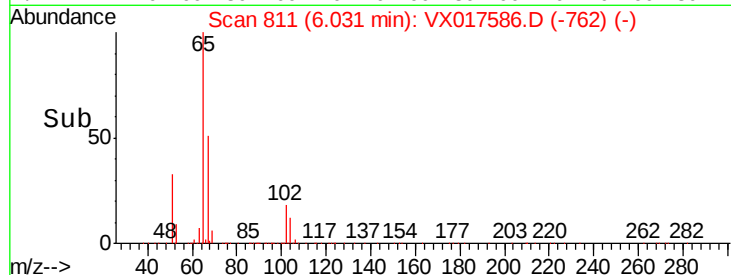
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

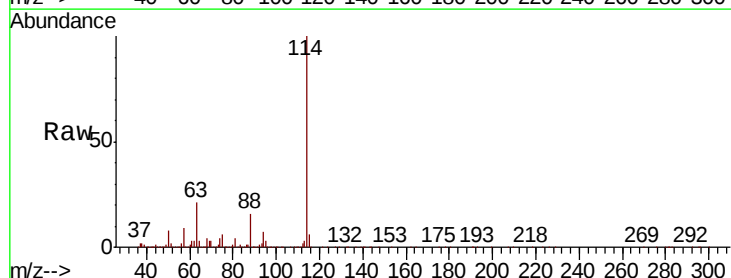
Tgt Ion: 114 Resp: 800665

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.6

88 15.8 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.84

400000

300000

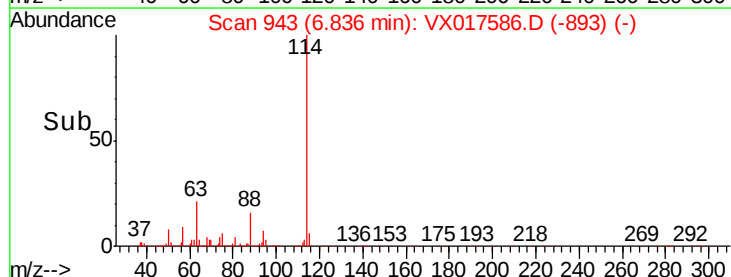
200000

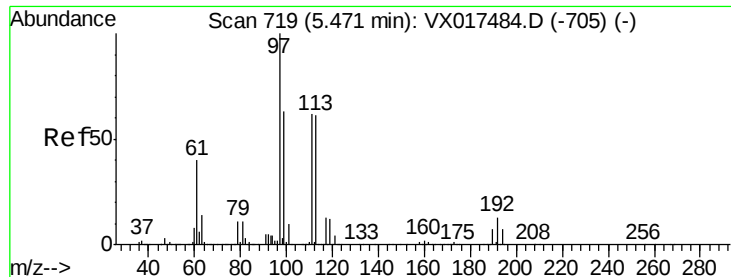
100000

0

Time-->

6.70 6.80 6.90 7.00

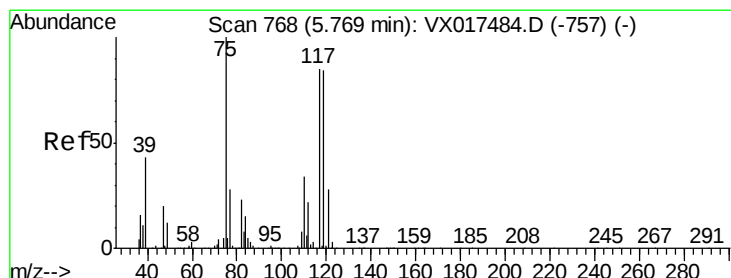
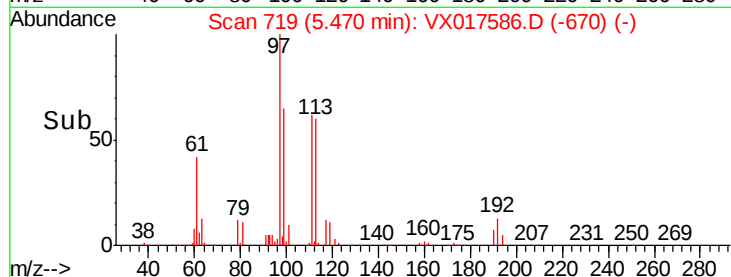
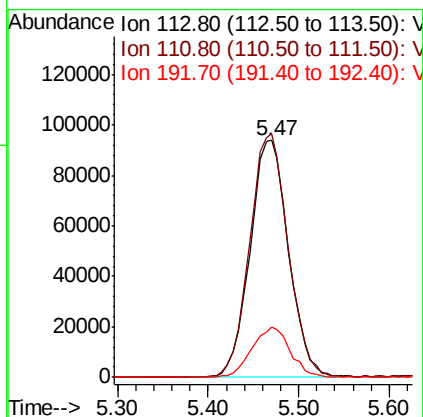
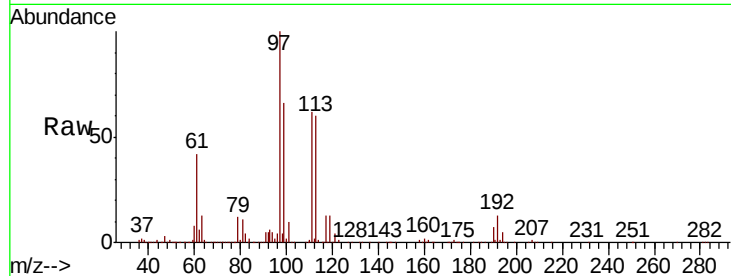




#35
 Dibromofluoromethane
 Concen: 51.426 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

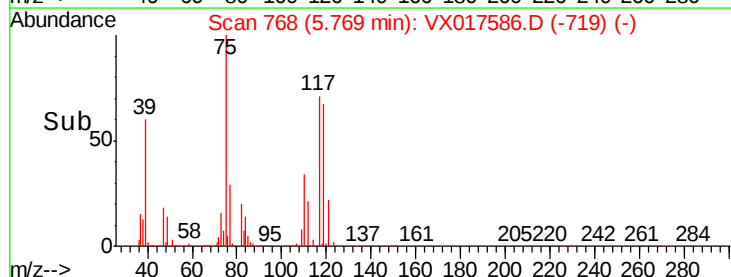
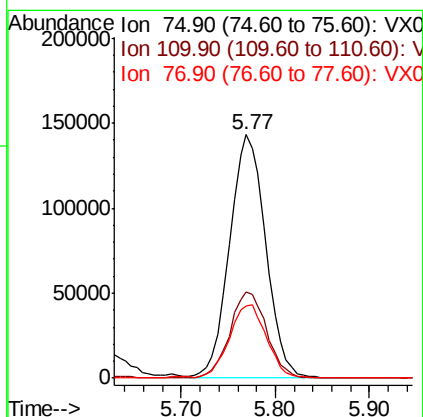
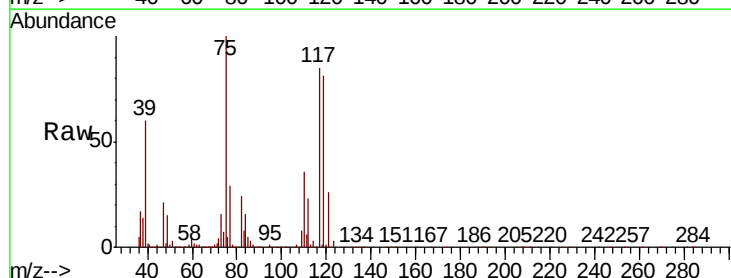
Instrument :
 MSVOA_X
 ClientSampleId :

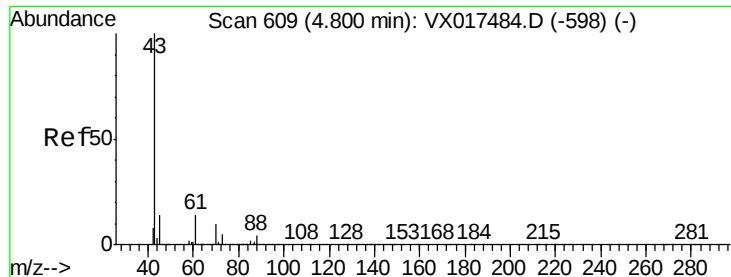
Tot Ion:113 Resp: 275379
 Ion Ratio Lower Upper
 113 100
 111 102.7 80.7 121.1
 192 21.0 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 49.537 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Tgt Ion: 75 Resp: 380401
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.1 54.3
 77 31.0 24.6 37.0

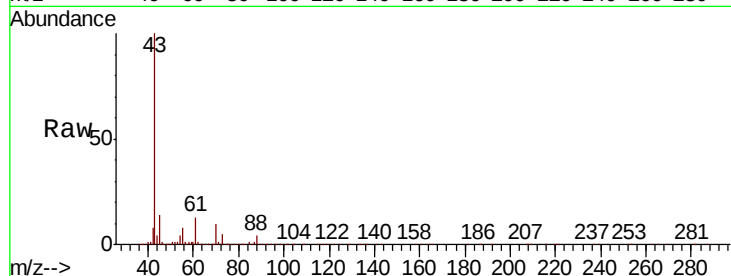




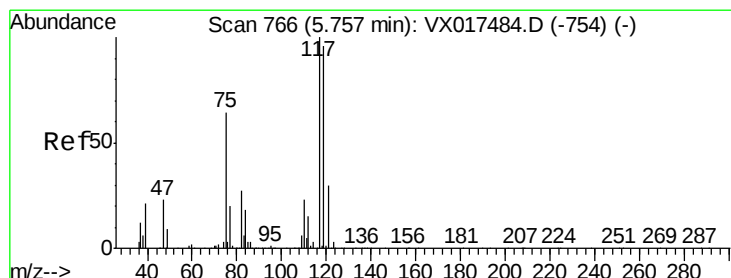
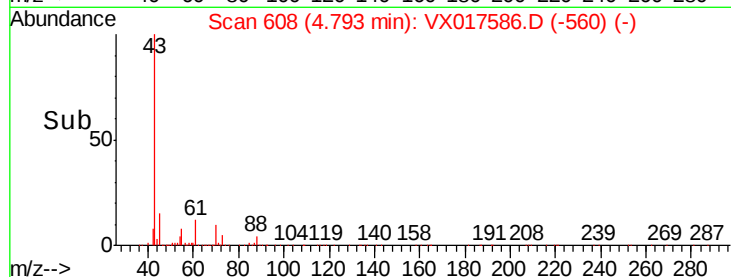
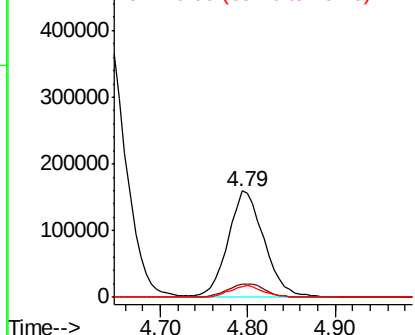
#37
Ethyl Acetate
Concen: 53.921 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 453050
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 10.6 8.5 12.7

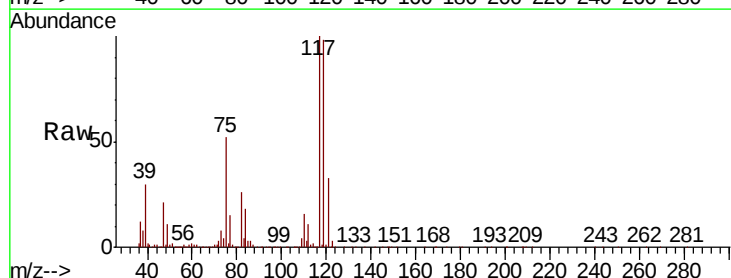


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

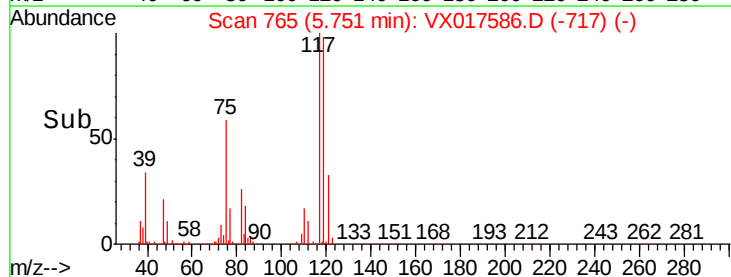
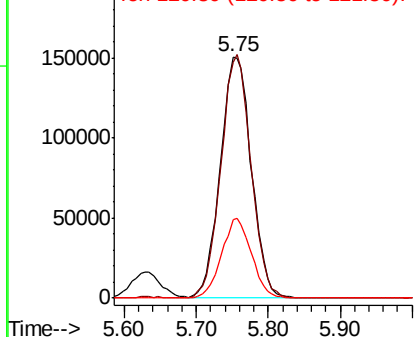


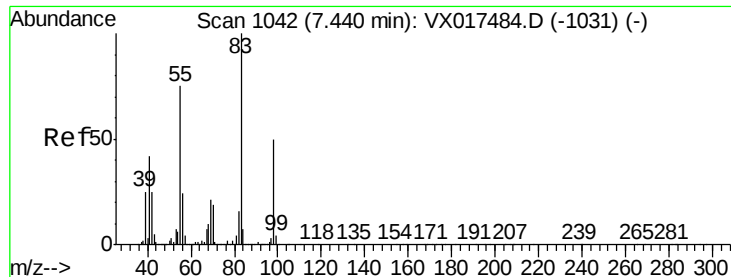
#38
Carbon Tetrachloride
Concen: 48.463 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion: 117 Resp: 451923
Ion Ratio Lower Upper
117 100
119 97.8 75.4 113.0
121 32.5 24.3 36.5



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

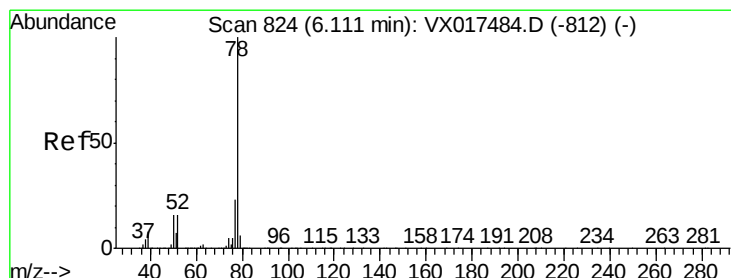
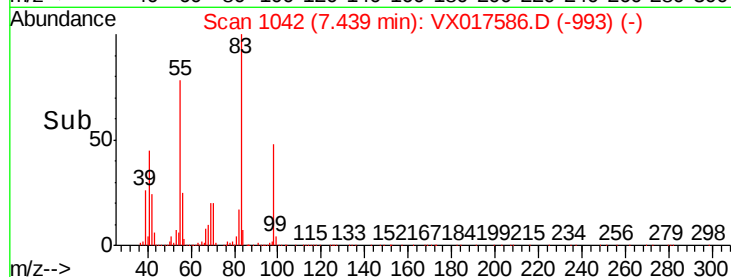
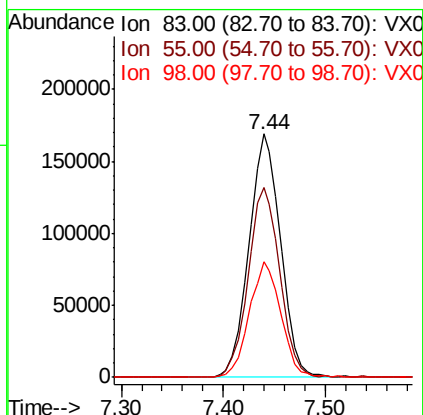
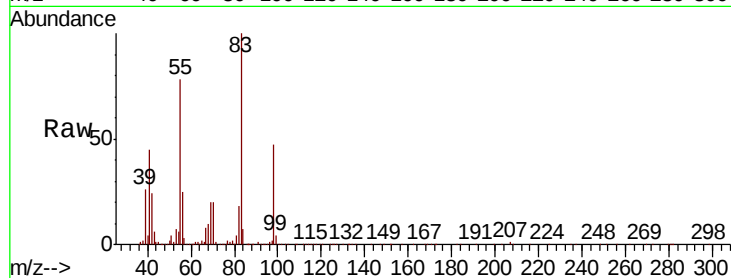




#39
Methvlcvclohexane
Concen: 40.733 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

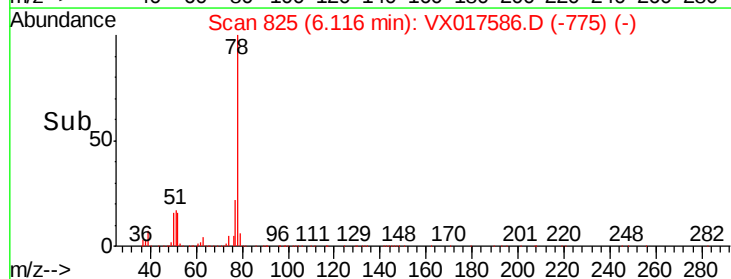
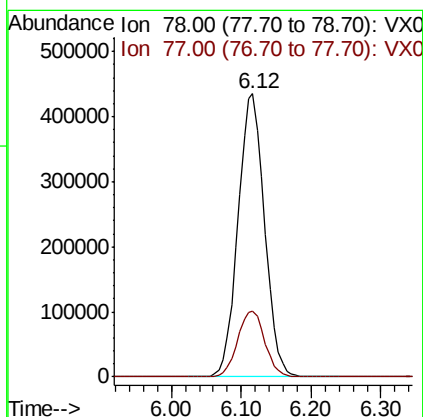
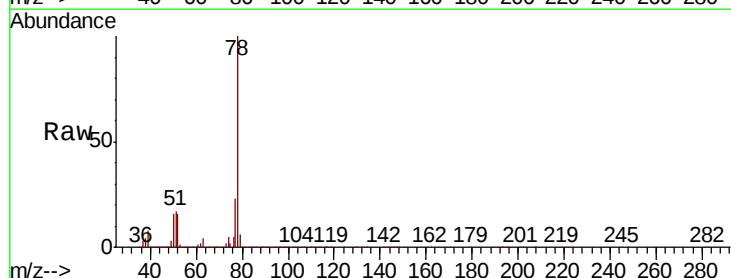
Instrument :
MSVOA_X
ClientSampleId :

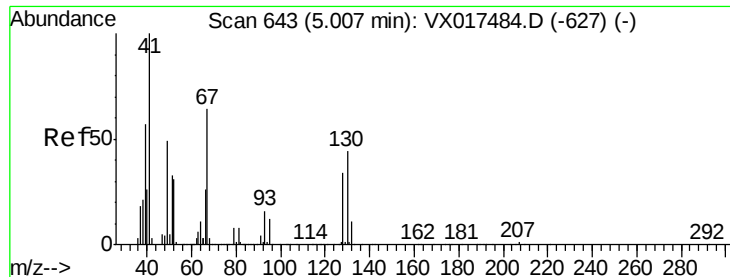
Tot Ion	83	Resp	365150
Ion	Ratio	Lower	Upper
83	100		
55	77.7	61.8	92.8
98	47.4	36.9	55.3



#40
Benzene
Concen: 51.891 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion	78	Resp	1142405
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.4	29.2





#41

Methacrylonitrile

Concen: 52.469 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 252690

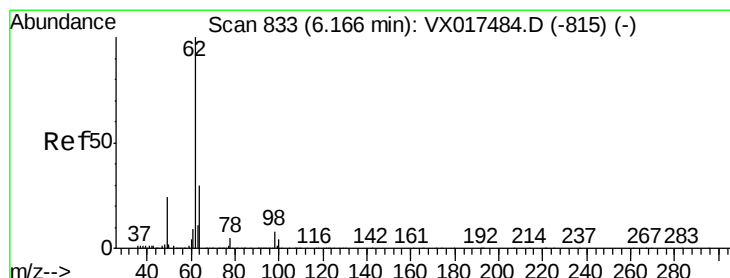
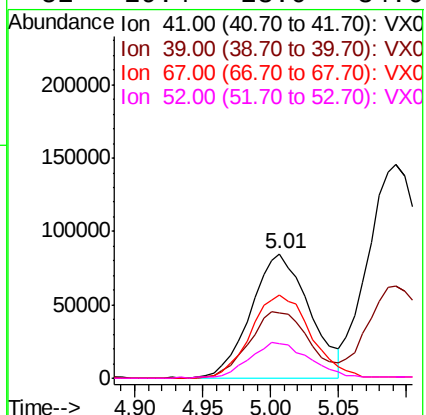
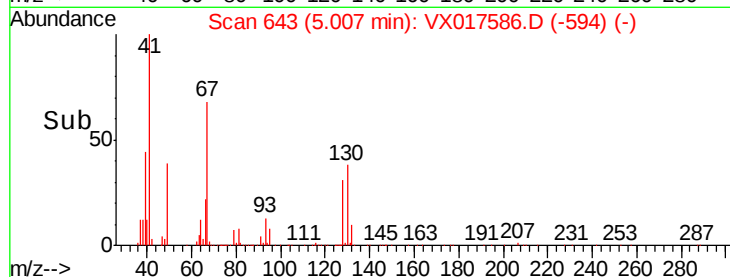
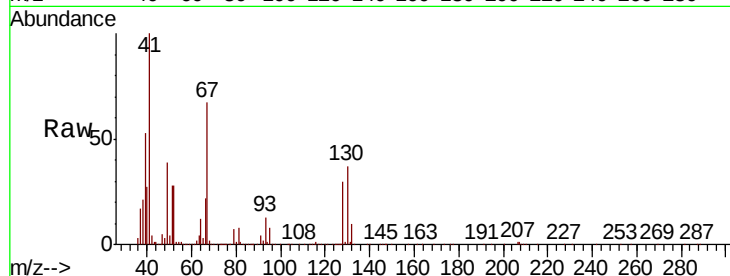
Ion Ratio Lower Upper

41 100

39 55.7 43.9 65.9

67 68.9 54.0 81.0

52 29.4 23.0 34.6



#42

1,2-Dichloroethane

Concen: 53.123 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017586.D

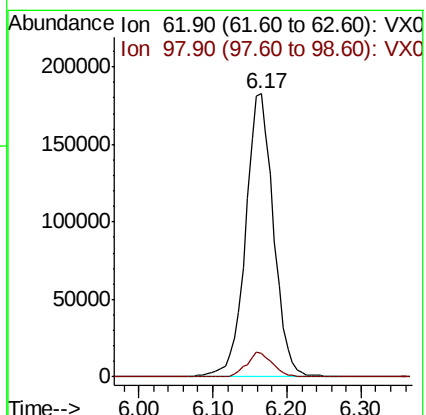
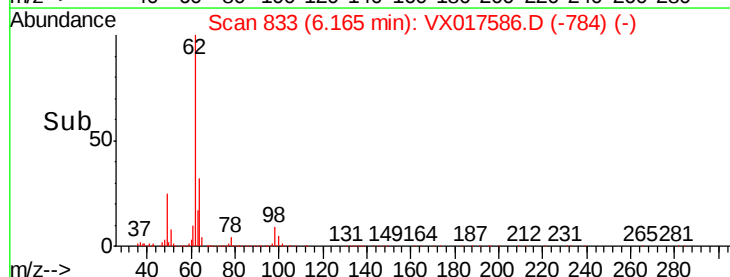
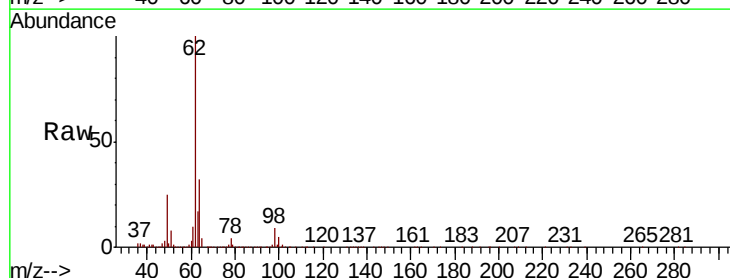
Acq: 25 Jul 2020 11:04

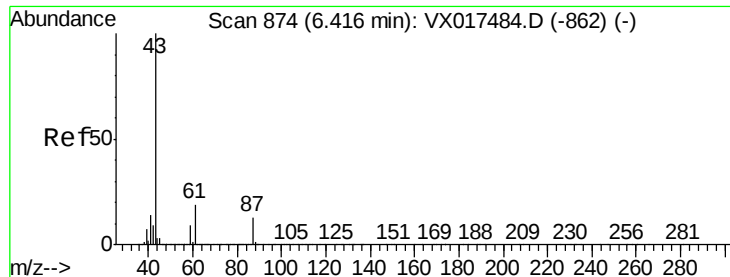
Tgt Ion: 62 Resp: 478462

Ion Ratio Lower Upper

62 100

98 8.3 0.0 16.0



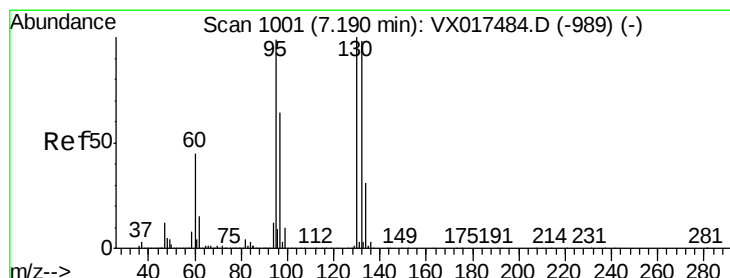
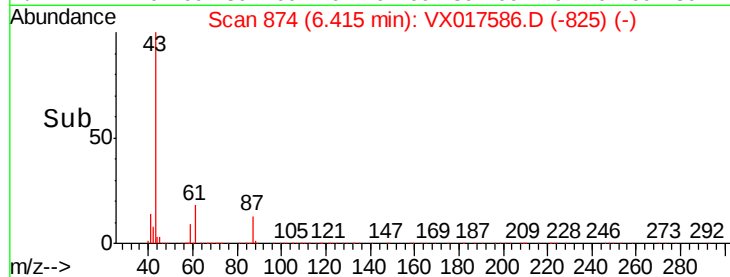
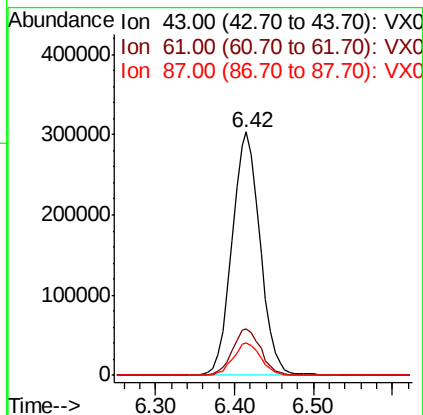
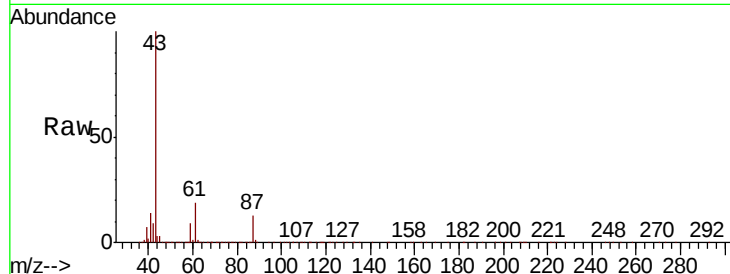


#43

Isopropyl Acetate
 Concen: 53.814 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Instrument :
 MSVOA_X
 ClientSampled :

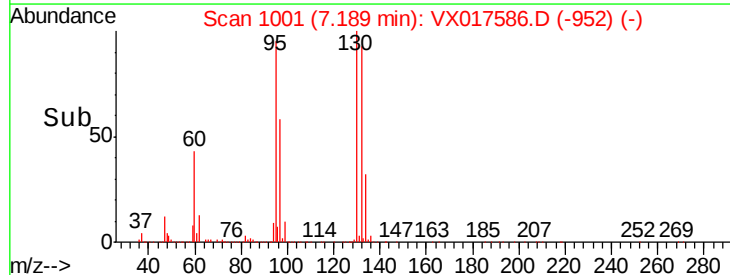
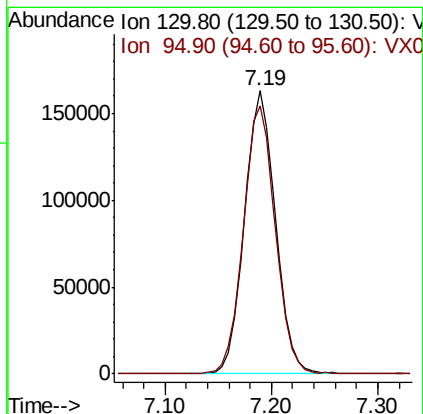
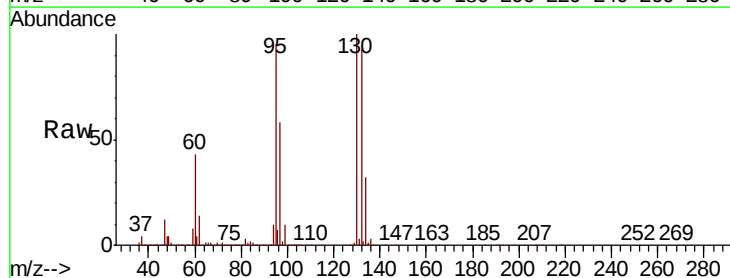
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.5	23.3
87	13.2	10.5	15.7

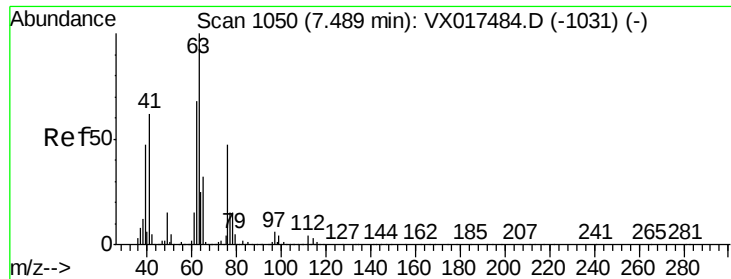


#44

Trichloroethene
 Concen: 51.887 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	189.0

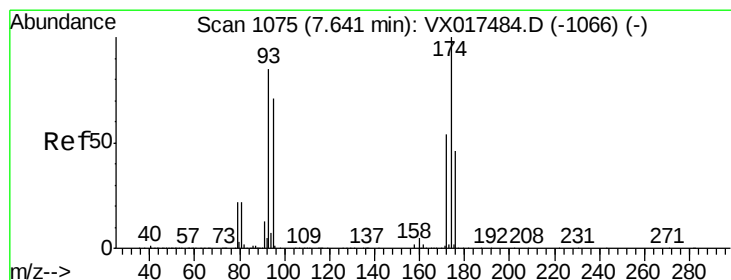
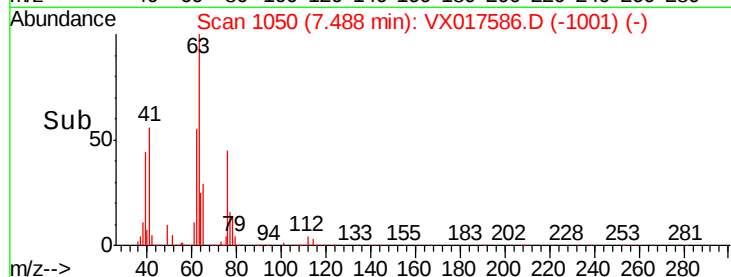
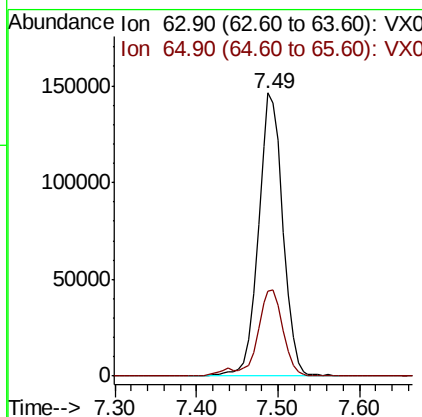
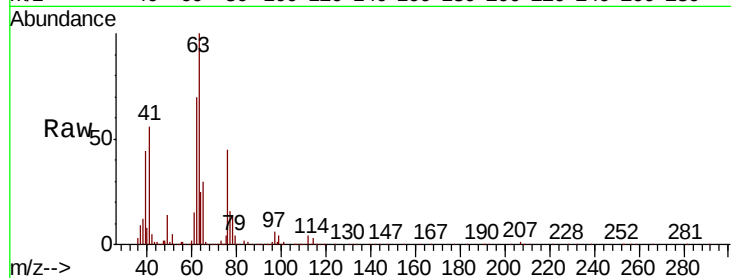




#45
 1,2-Dichloropropane
 Concen: 50.081 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

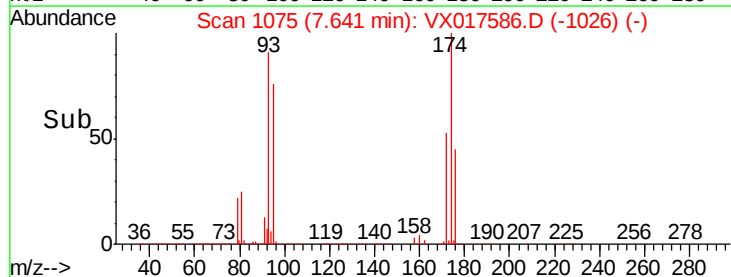
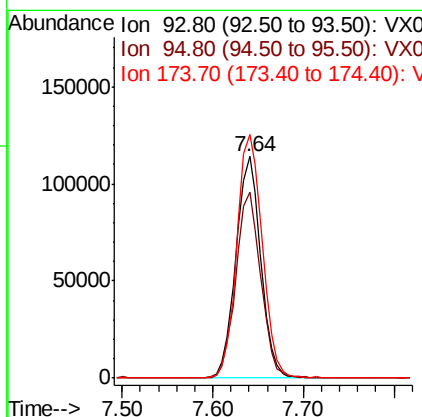
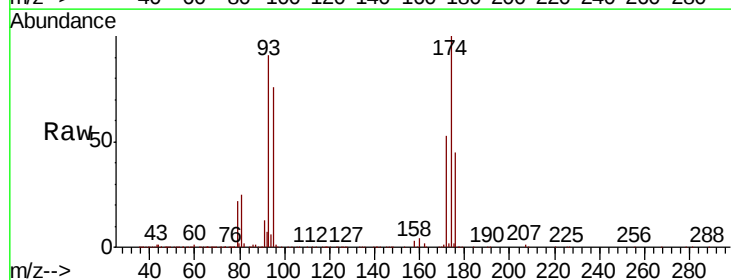
Instrument :
 MSVOA_X
 ClientSampleId :

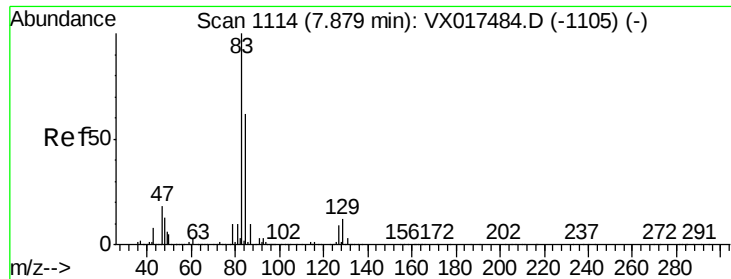
Tot Ion: 63 Resp: 305646
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.5 36.7



#46
 Dibromomethane
 Concen: 50.387 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Tgt Ion: 93 Resp: 217327
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.6 99.8
 174 112.3 87.0 130.6





#47

Bromodichloromethane

Concen: 52.288 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

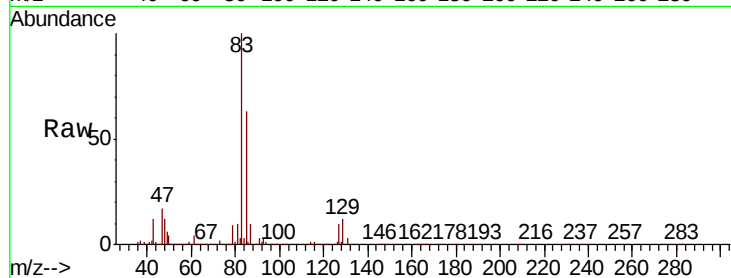
Tot Ion: 83 Resp: 453783

Ion Ratio Lower Upper

83 100

85 62.8 51.8 77.8

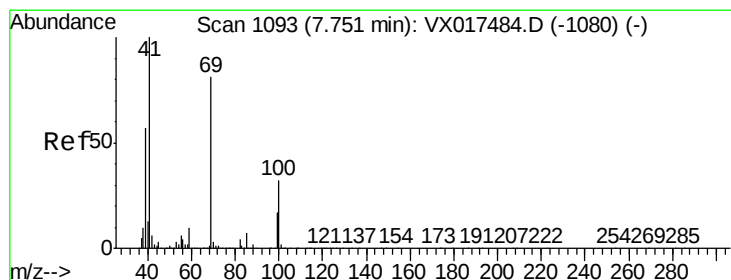
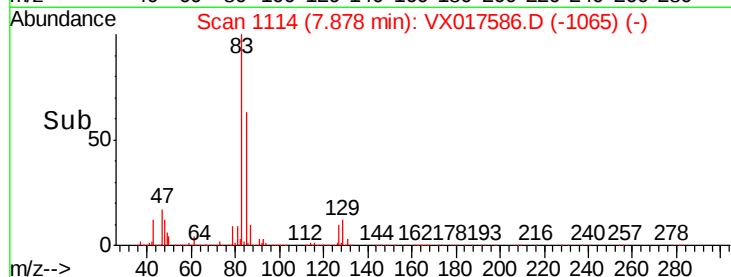
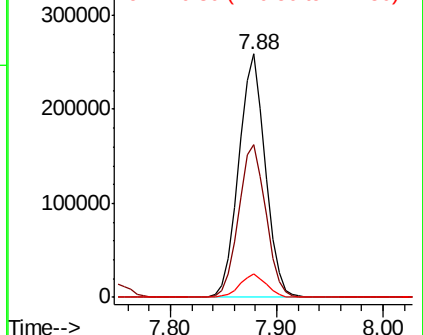
127 9.5 7.4 11.2



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: 54.319 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

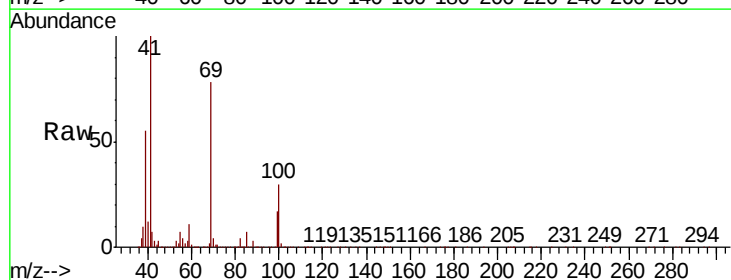
Tgt Ion: 41 Resp: 373269

Ion Ratio Lower Upper

41 100

69 80.3 63.1 94.7

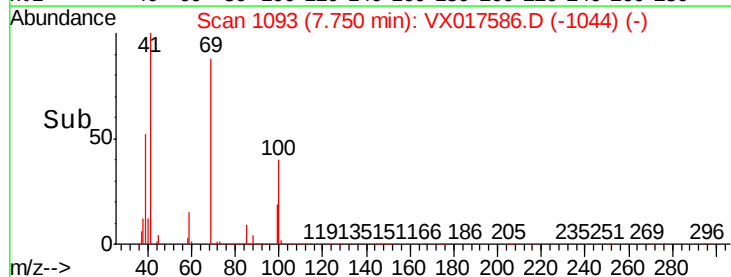
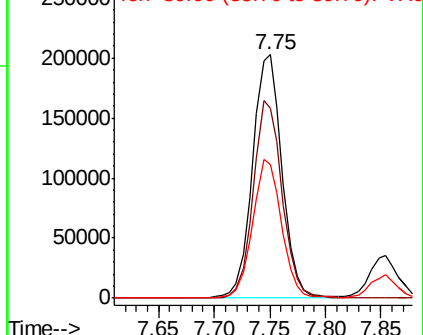
39 56.3 45.1 67.7

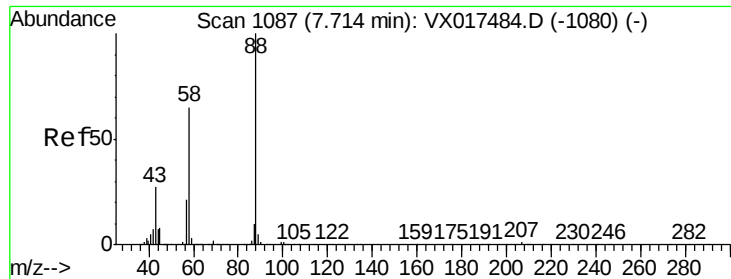


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1268.846 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

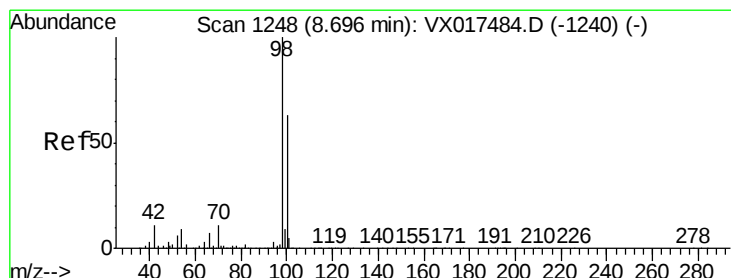
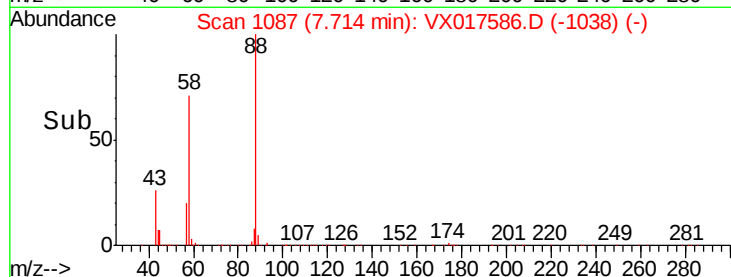
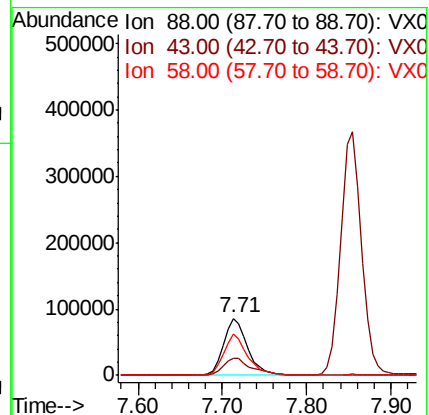
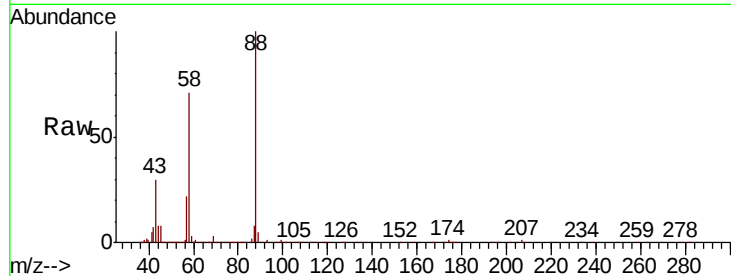
Tot Ion: 88 Resp: 167168

Ion Ratio Lower Upper

88 100

43 35.1 27.8 41.6

58 70.7 58.3 87.5



#50

Toluene-d8

Concen: 50.538 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017586.D

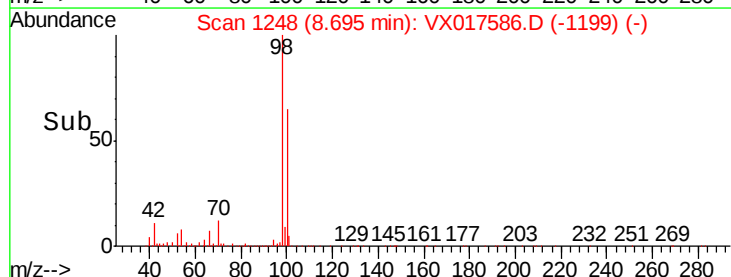
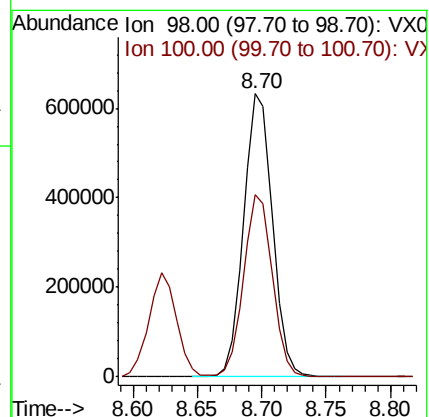
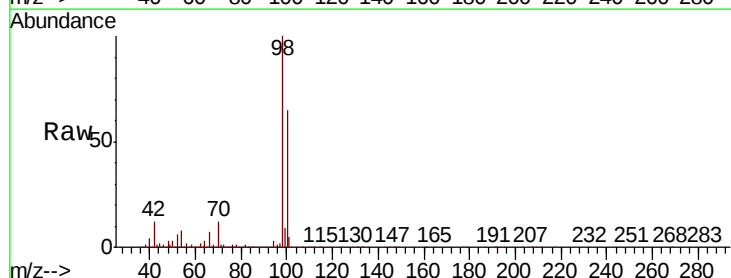
Acq: 25 Jul 2020 11:04

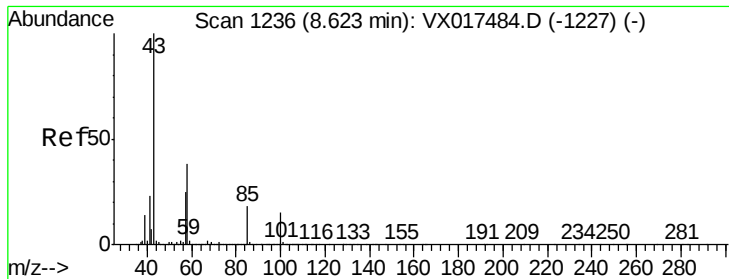
Tgt Ion: 98 Resp: 976268

Ion Ratio Lower Upper

98 100

100 64.4 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 280.302 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

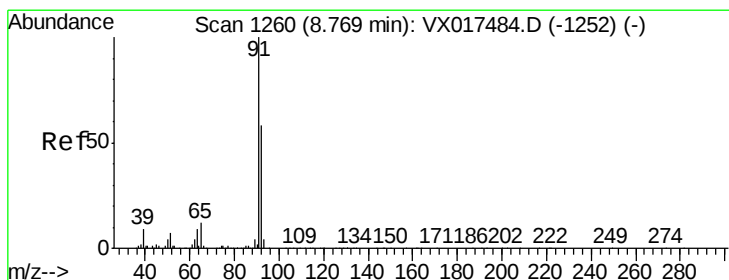
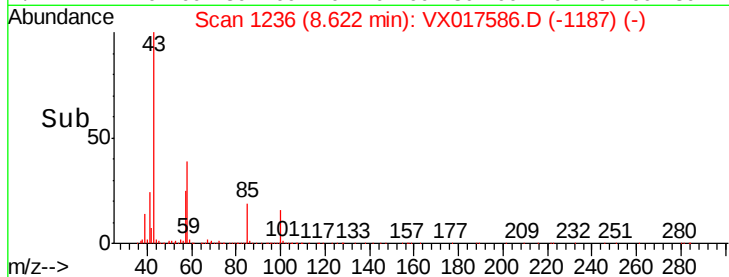
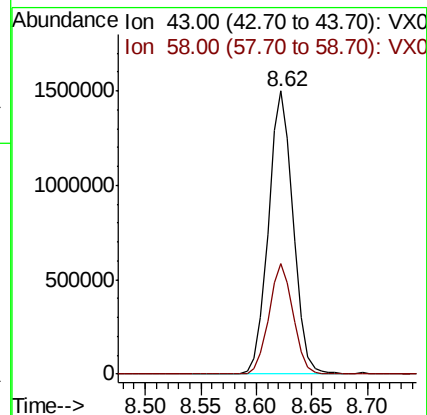
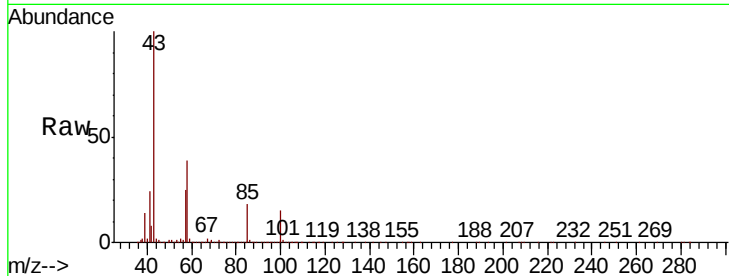
ClientSampleId :

Tot Ion: 43 Resp: 2318525

Ion Ratio Lower Upper

43 100

58 38.3 31.0 46.4



#52

Toluene

Concen: 50.478 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017586.D

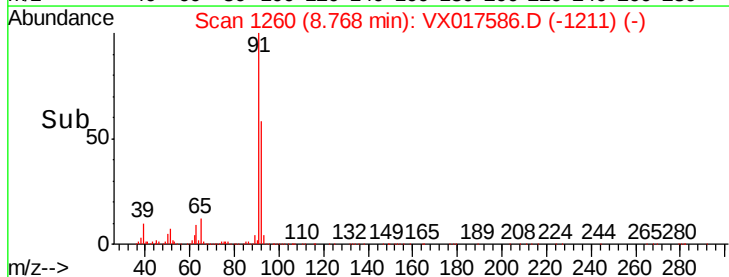
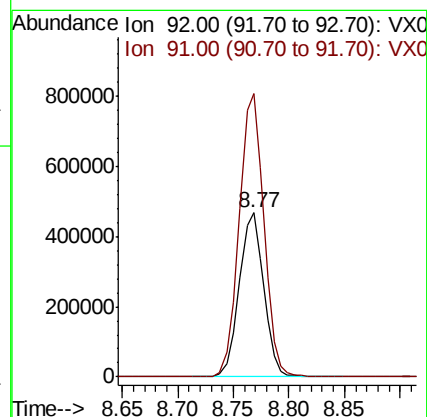
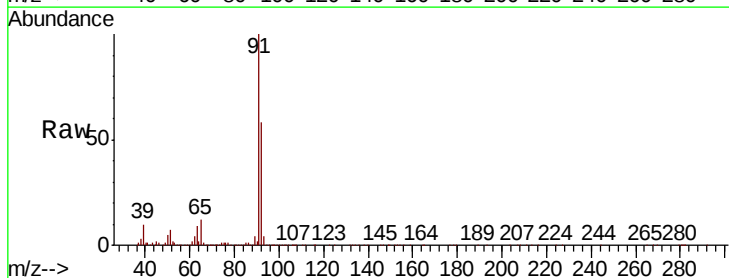
Acq: 25 Jul 2020 11:04

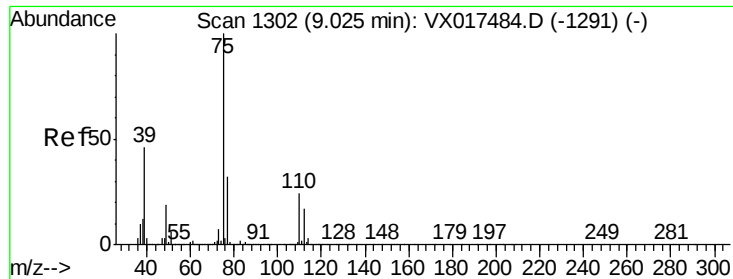
Tgt Ion: 92 Resp: 712699

Ion Ratio Lower Upper

92 100

91 173.3 137.6 206.4

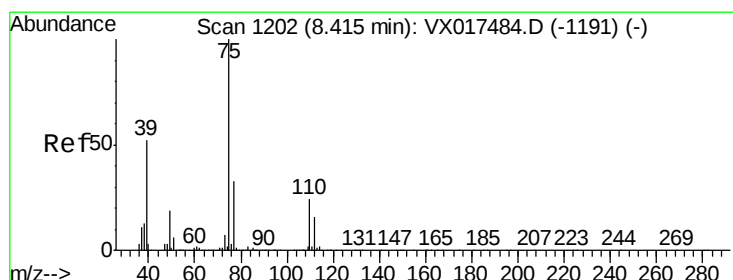
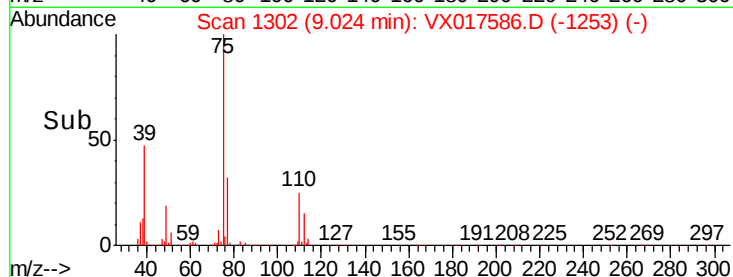
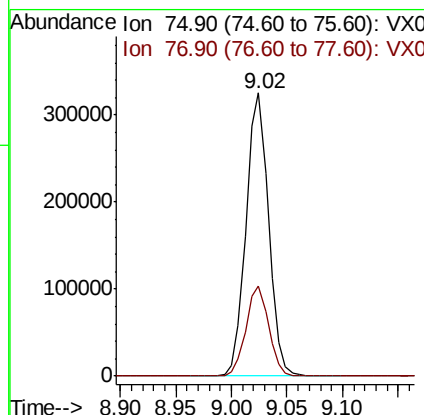
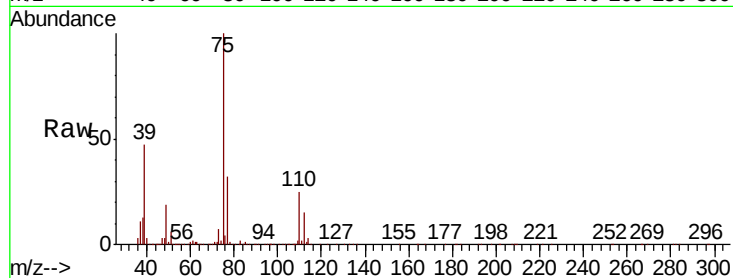




#53
t-1,3-Dichloropropene
Concen: 47.118 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

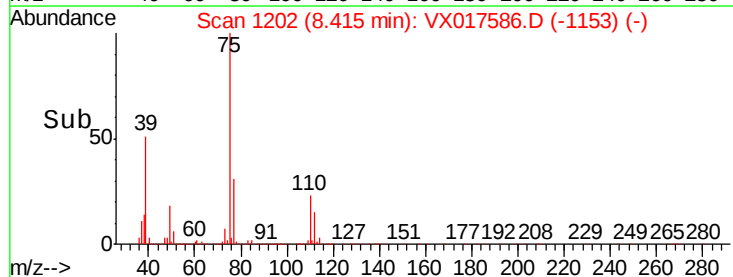
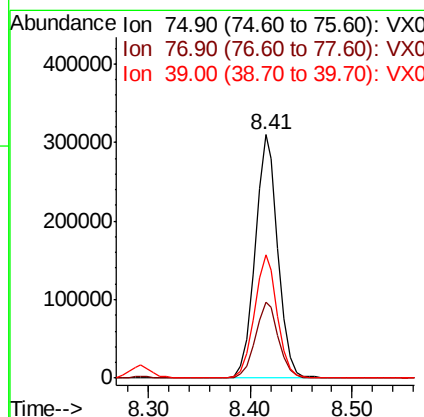
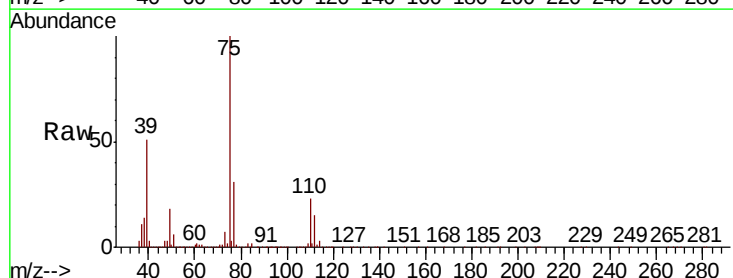
Instrument :
MSVOA_X
ClientSampleId :

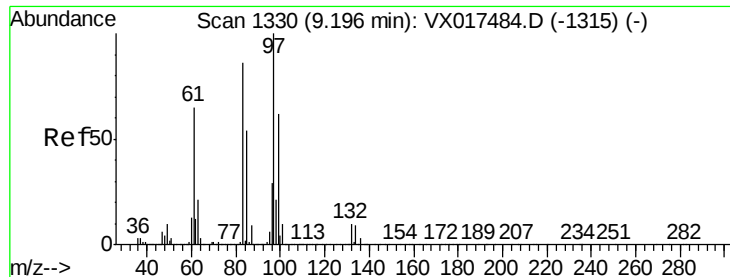
Tot Ion: 75 Resp: 457748
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 48.528 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion: 75 Resp: 480870
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3
39 50.5 41.8 62.8





#55

1,1,2-Trichloroethane

Concen: 51.390 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 302258

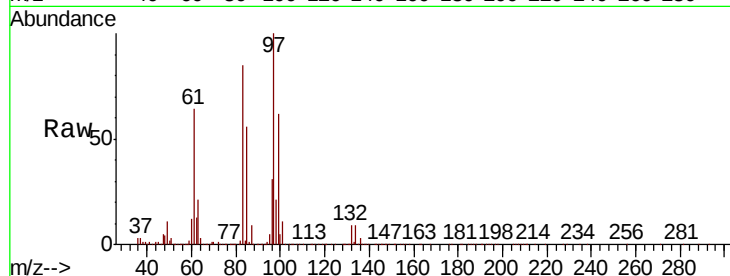
Ion Ratio Lower Upper

97 100

83 85.3 67.6 101.4

85 56.0 44.6 67.0

99 61.9 50.2 75.4

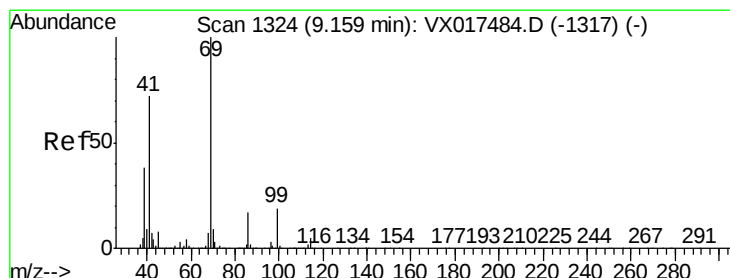
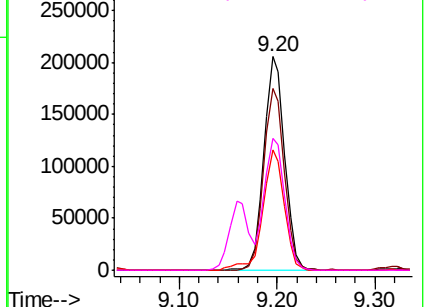
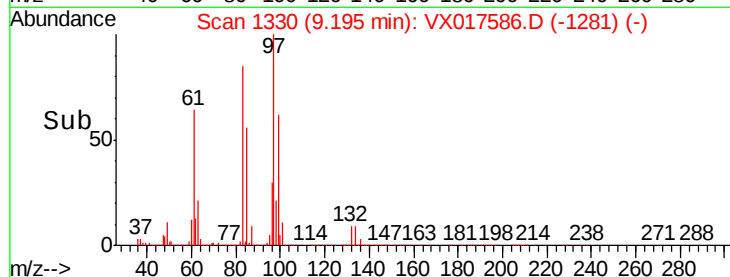


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.614 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

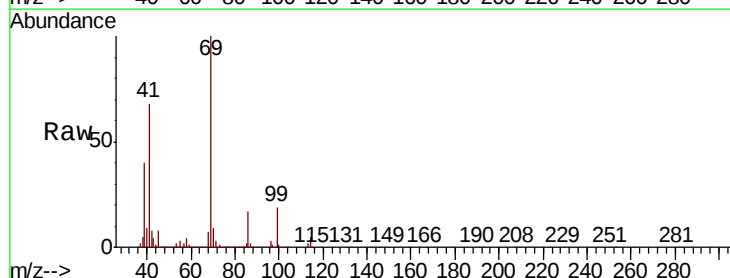
Tgt Ion: 69 Resp: 475081

Ion Ratio Lower Upper

69 100

41 68.3 55.0 82.6

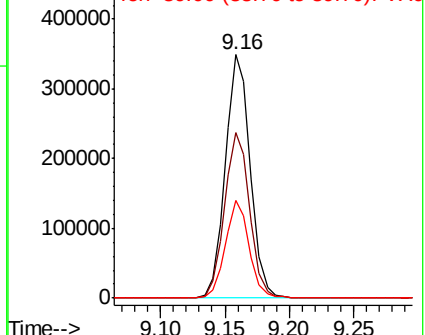
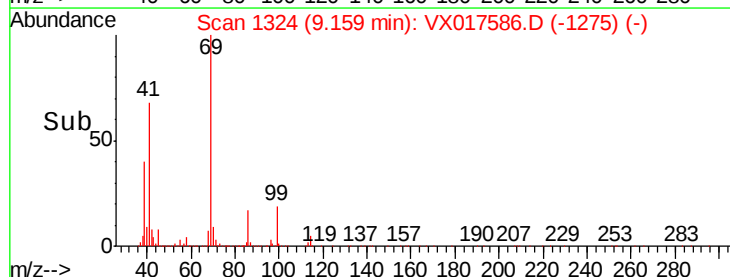
39 38.7 30.0 45.0

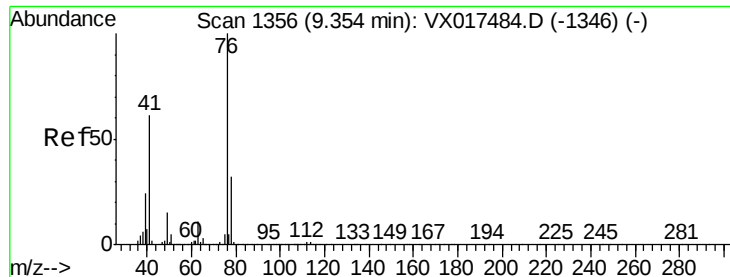


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.251 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

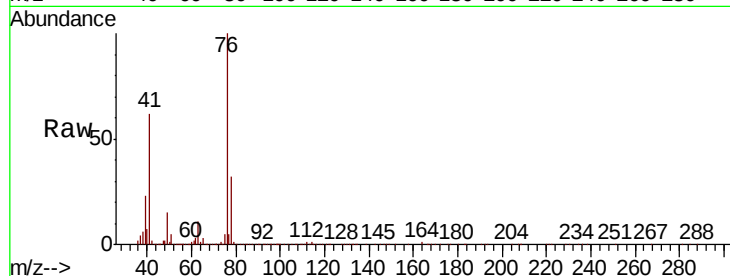
ClientSampleId :

Tot Ion: 76 Resp: 496355

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

400000

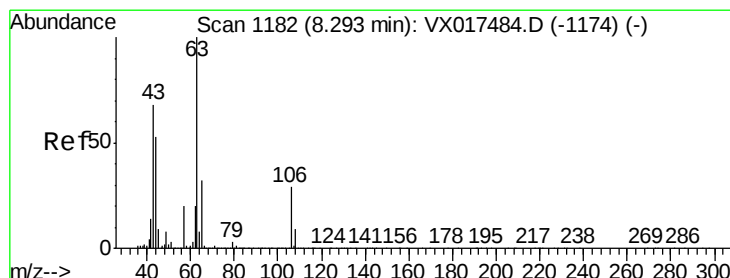
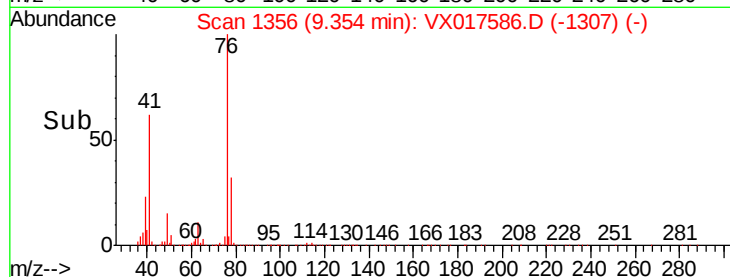
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 257.686 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017586.D

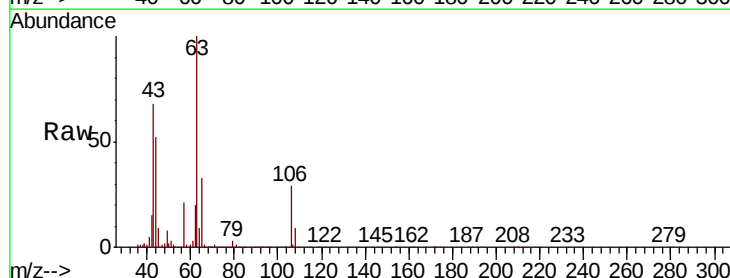
Acq: 25 Jul 2020 11:04

Tgt Ion: 63 Resp: 1202996

Ion Ratio Lower Upper

63 100

106 29.0 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

800000

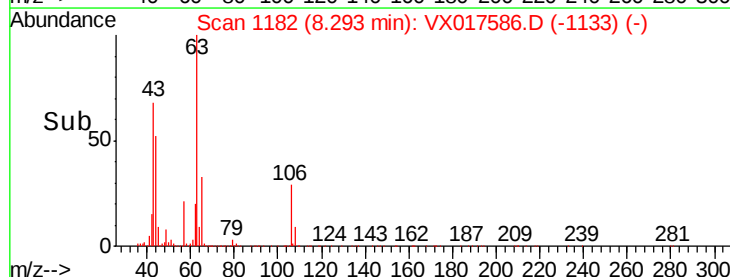
600000

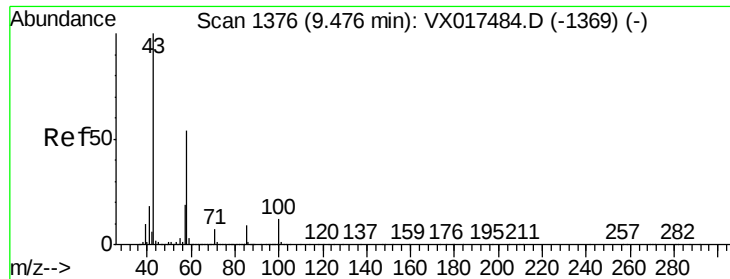
400000

200000

0

Time-->

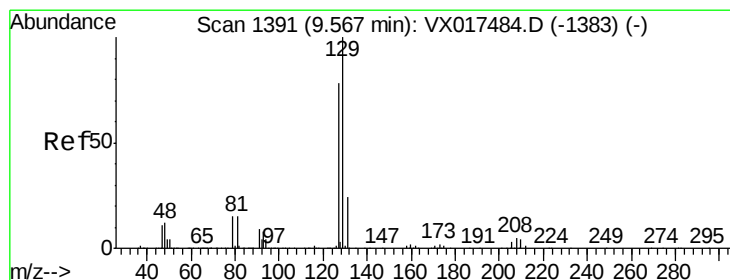
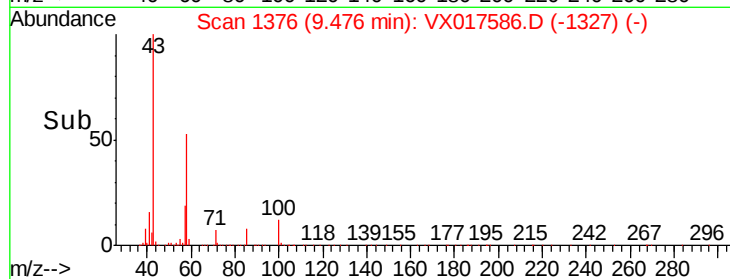
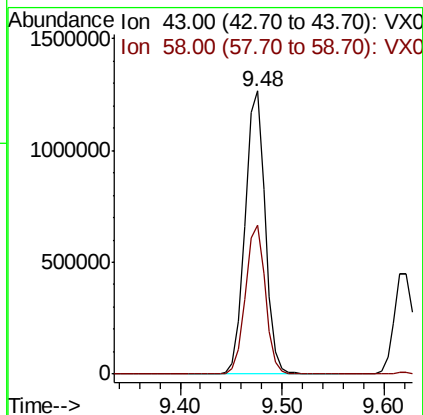
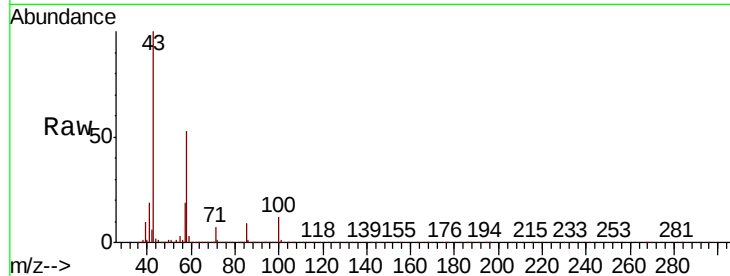




#59
2-Hexanone
Concen: 276.269 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

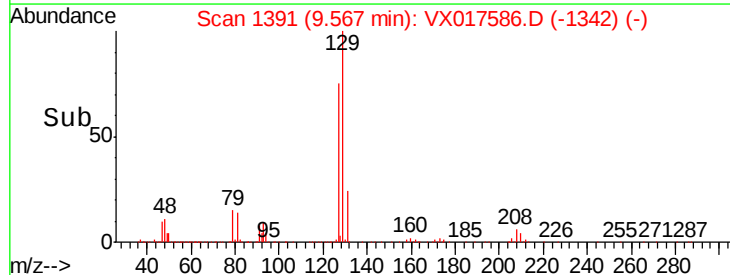
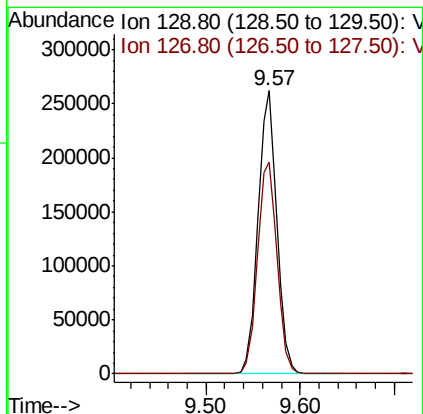
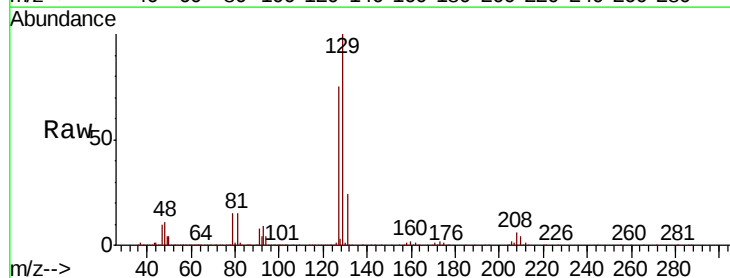
Instrument :
MSVOA_X
ClientSampleId :

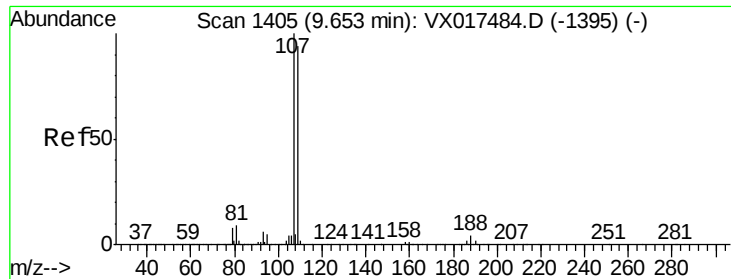
Tot Ion: 43 Resp: 1720470
Ion Ratio Lower Upper
43 100
58 52.5 26.6 79.8



#60
Dibromochloromethane
Concen: 49.621 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion:129 Resp: 370946
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.183 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

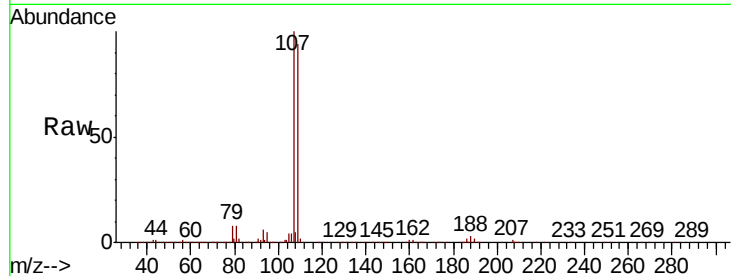
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:107 Resp: 314238

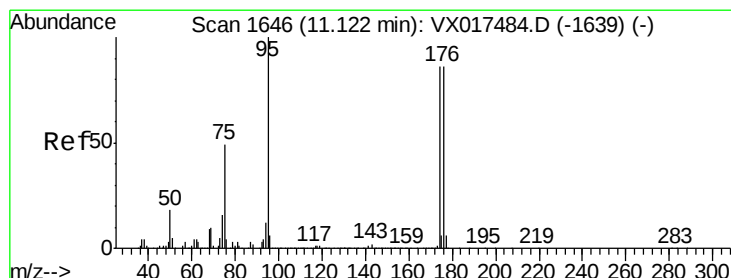
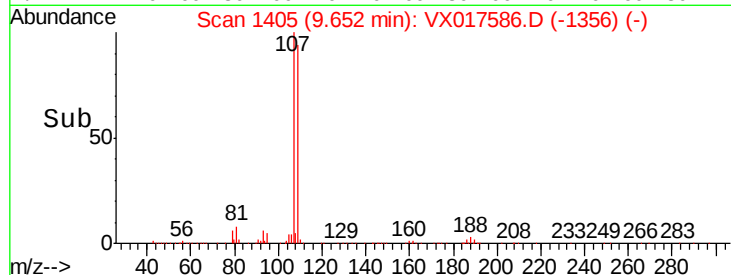
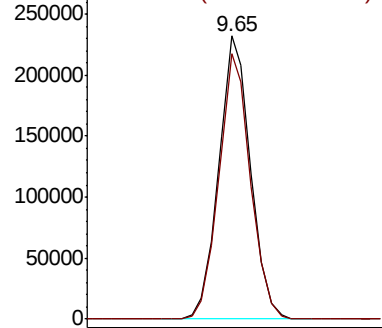
Ion Ratio Lower Upper

107 100

109 93.7 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: 48.812 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

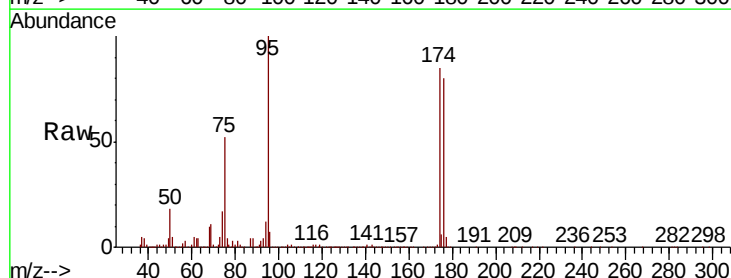
Tgt Ion: 95 Resp: 377367

Ion Ratio Lower Upper

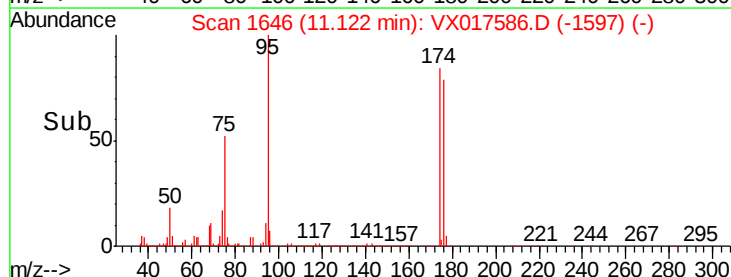
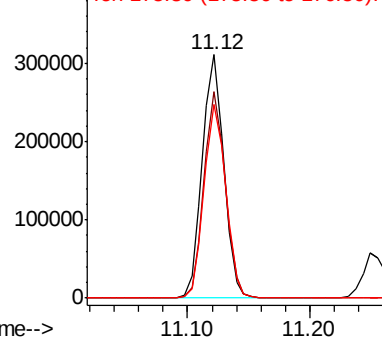
95 100

174 83.1 0.0 169.0

176 80.2 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

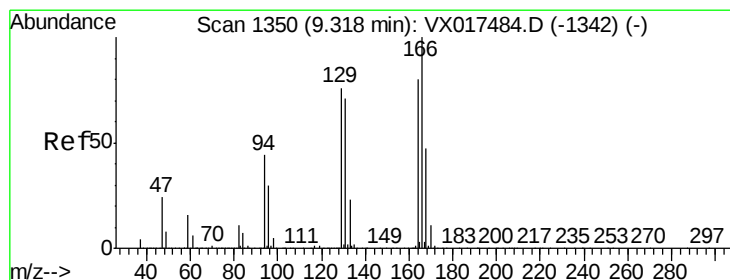
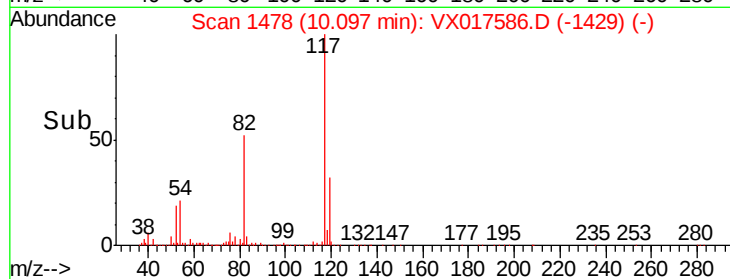
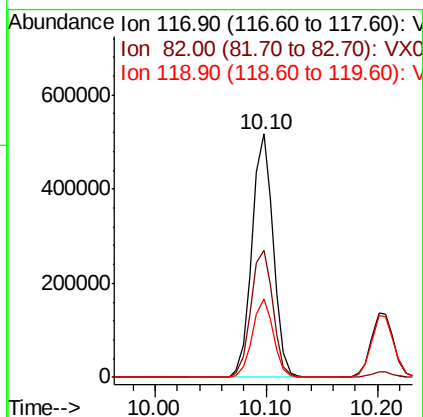
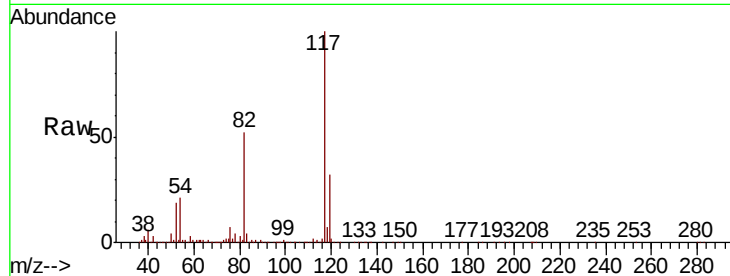




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

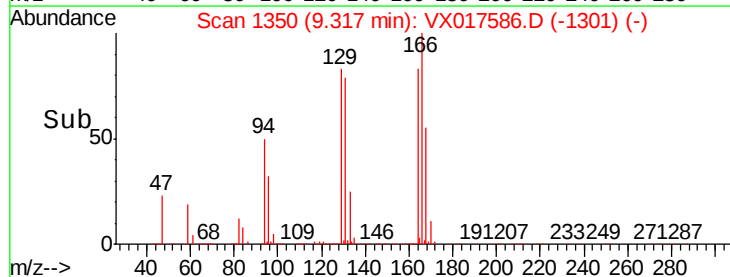
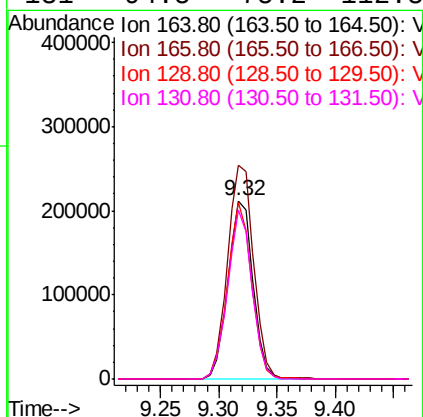
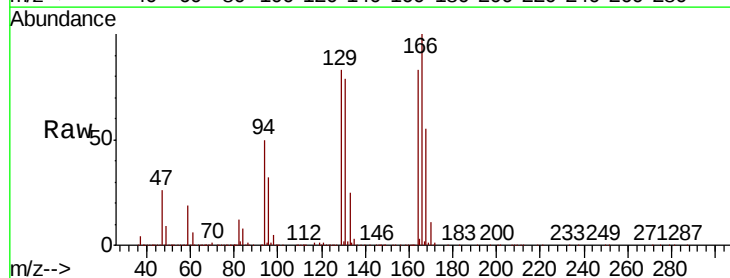
Instrument :
MSVOA_X
ClientSampleId :

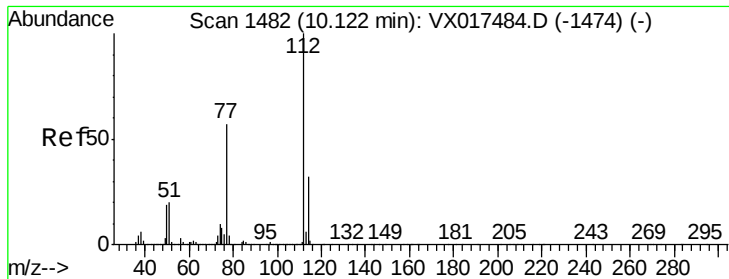
Tot Ion:117 Resp: 688611
Ion Ratio Lower Upper
117 100
82 52.4 44.0 66.0
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 51.105 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion:164 Resp: 315856
Ion Ratio Lower Upper
164 100
166 119.8 100.6 150.8
129 99.4 75.0 112.6
131 94.5 75.2 112.8

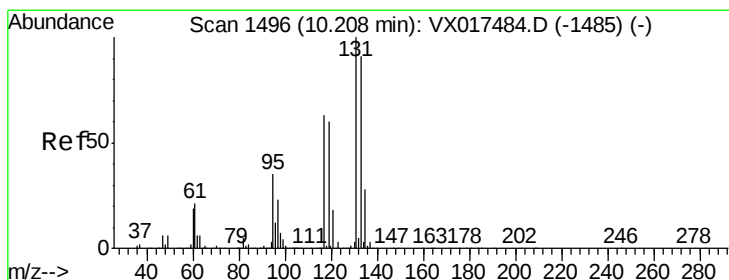
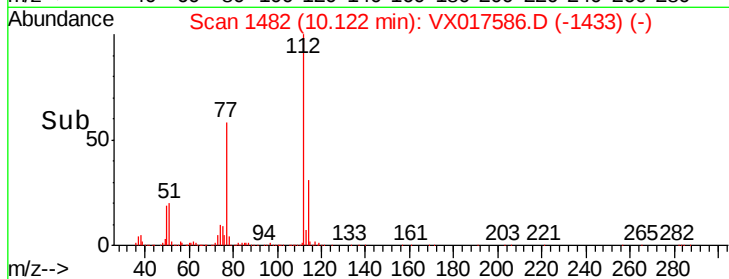
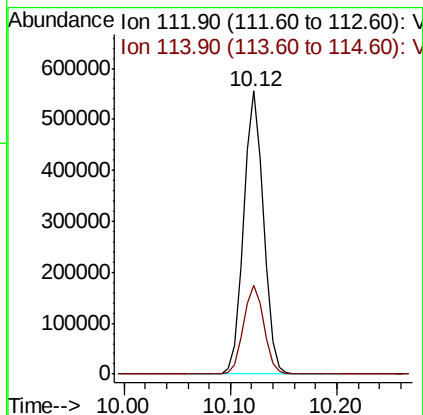
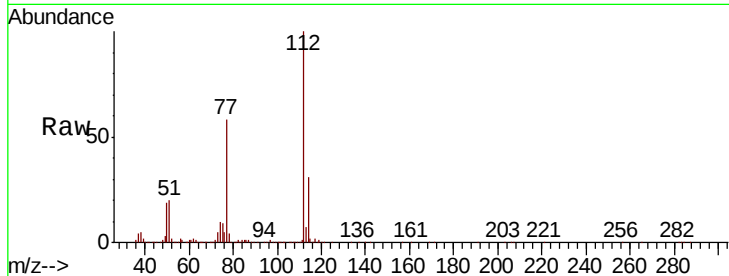




#65
Chlorobenzene
Concen: 49.027 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

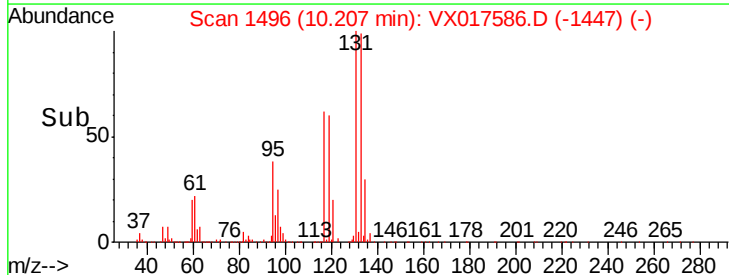
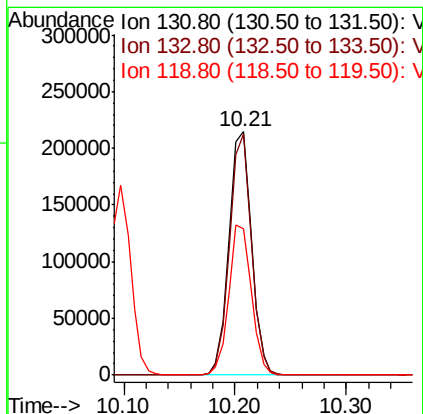
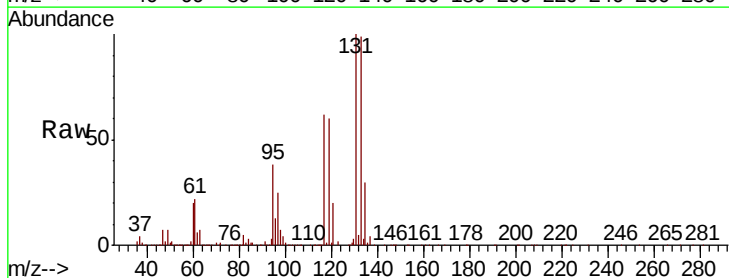
Instrument :
MSVOA_X
ClientSampleId :

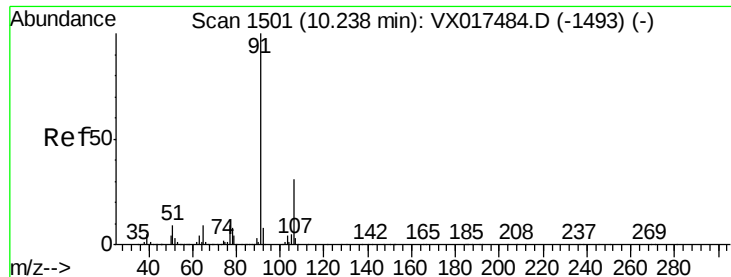
Tot Ion:112 Resp: 730747
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.183 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion:131 Resp: 301876
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 61.8 31.1 93.3





#67

Ethyl Benzene

Concen: 50.558 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

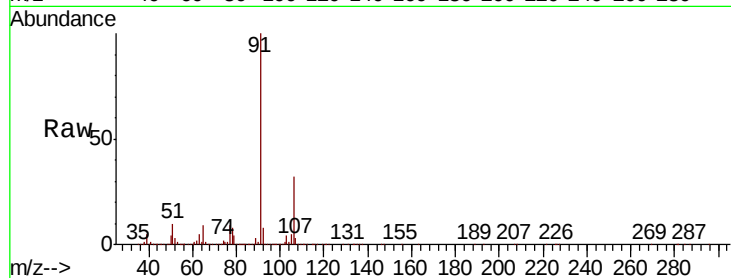
ClientSampleId :

Tot Ion: 91 Resp: 1257912

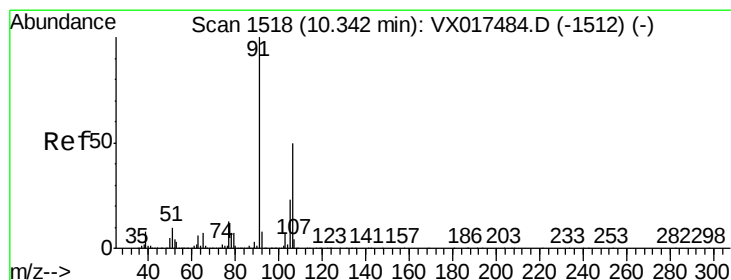
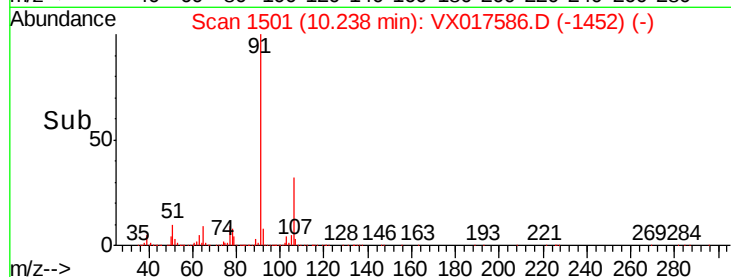
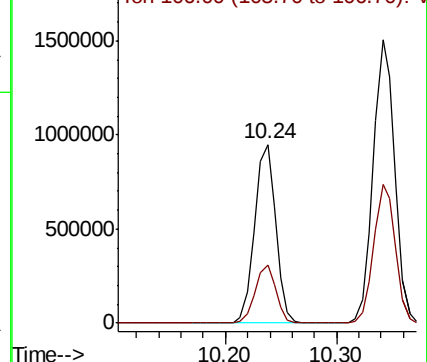
Ion Ratio Lower Upper

91 100

106 32.2 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX017484.D (-1493) (-)



#68

m/p-Xylenes

Concen: 103.558 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017586.D

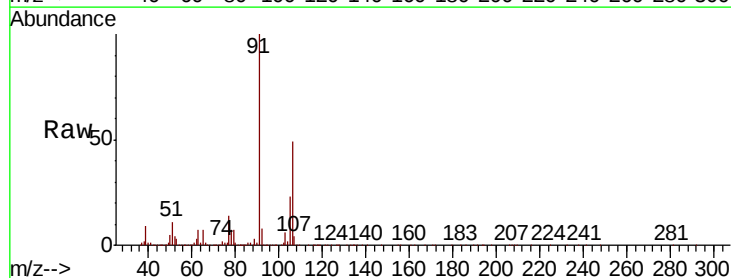
Acq: 25 Jul 2020 11:04

Tgt Ion: 106 Resp: 998163

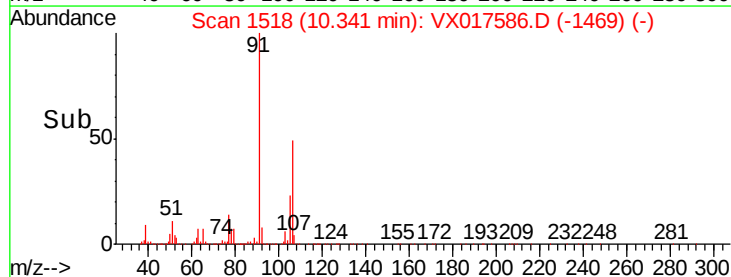
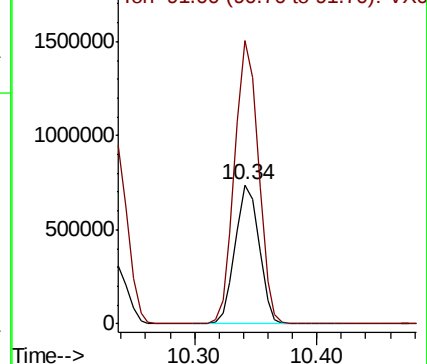
Ion Ratio Lower Upper

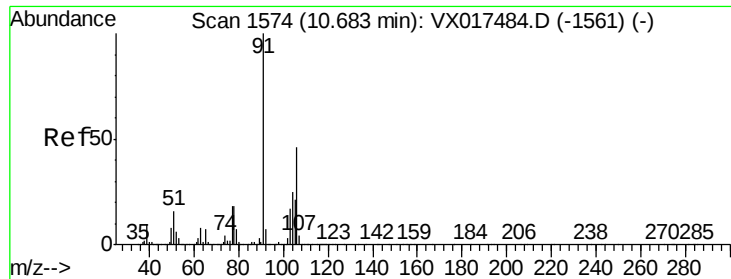
106 100

91 202.8 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): VX017484.D (-1512) (-)

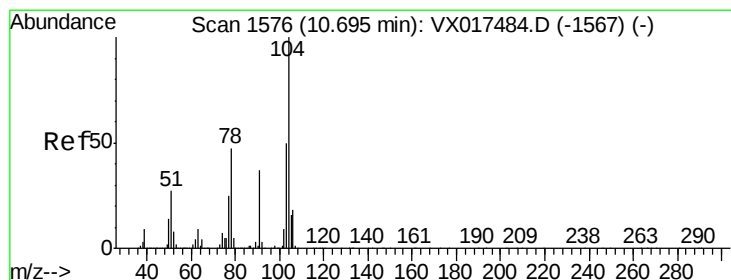
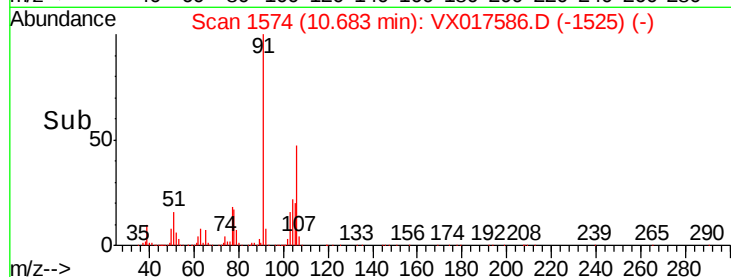
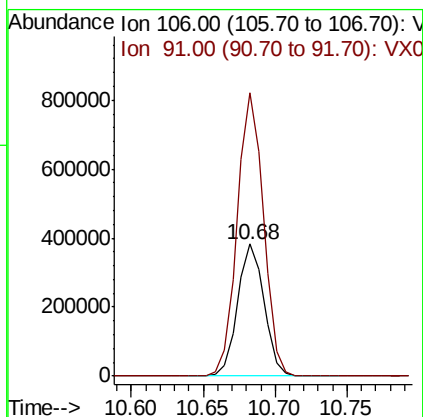
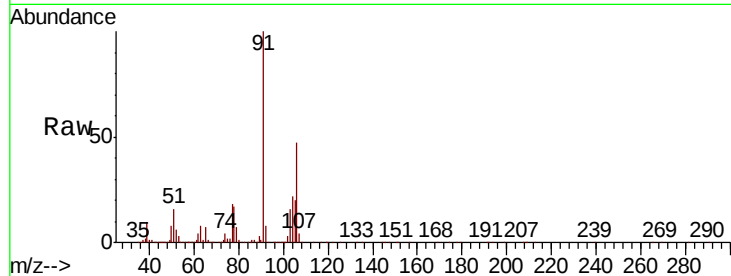




#69
o-Xylene
Concen: 52.755 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

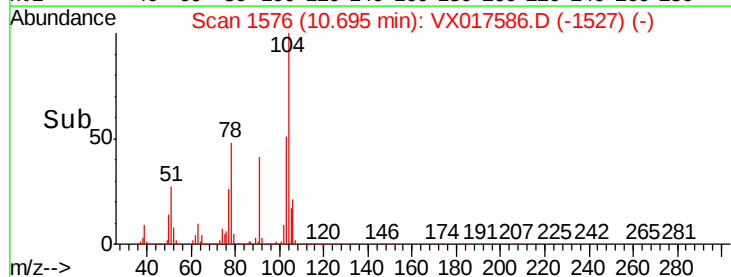
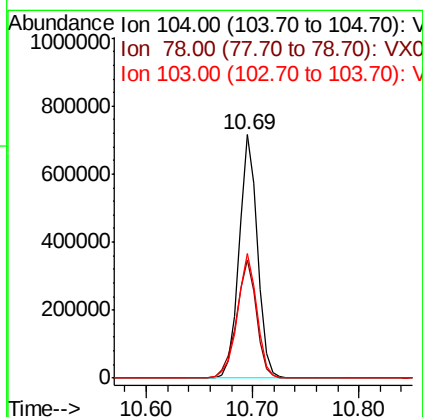
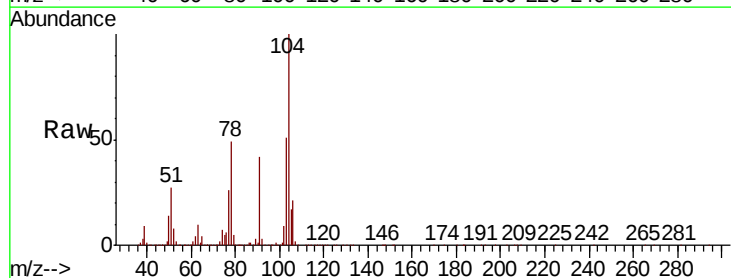
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 489055
Ion Ratio Lower Upper
106 100
91 213.7 108.2 324.6



#70
Styrene
Concen: 54.882 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion:104 Resp: 865625
Ion Ratio Lower Upper
104 100
78 53.0 42.5 63.7
103 54.4 44.3 66.5





#71

Bromoform

Concen: 53.803 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

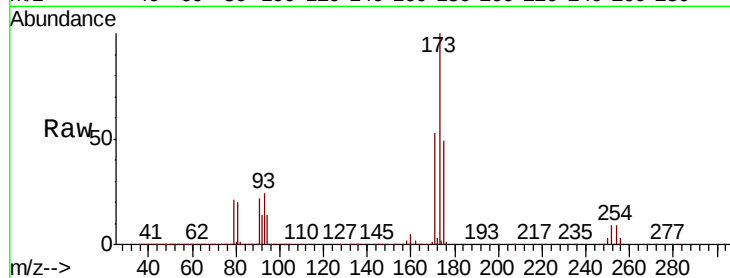
Tot Ion:173 Resp: 280408

Ion Ratio Lower Upper

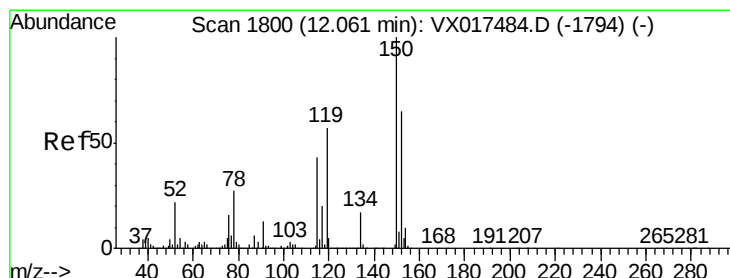
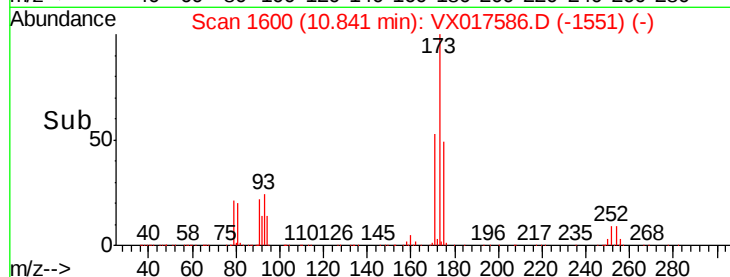
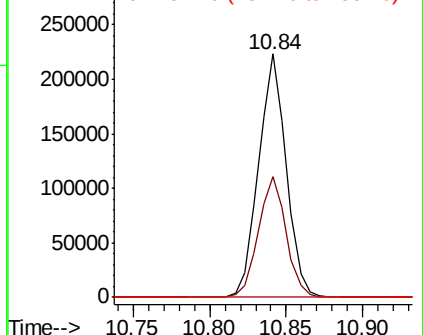
173 100

175 49.9 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: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

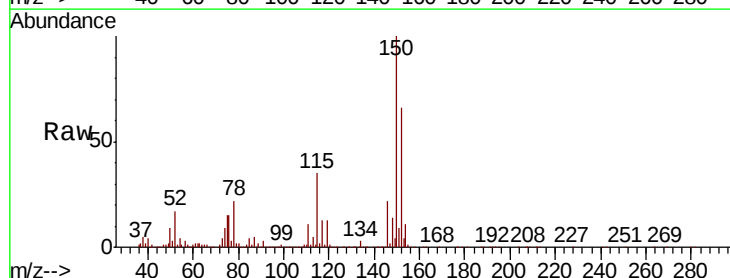
Tgt Ion:152 Resp: 413320

Ion Ratio Lower Upper

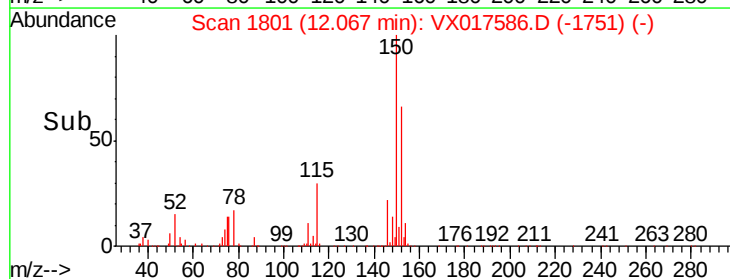
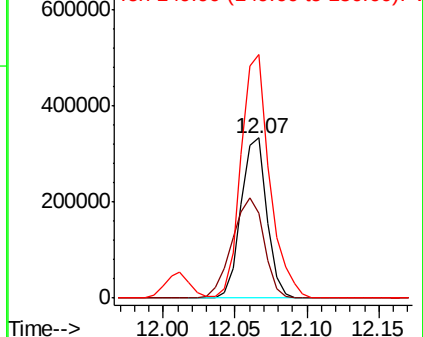
152 100

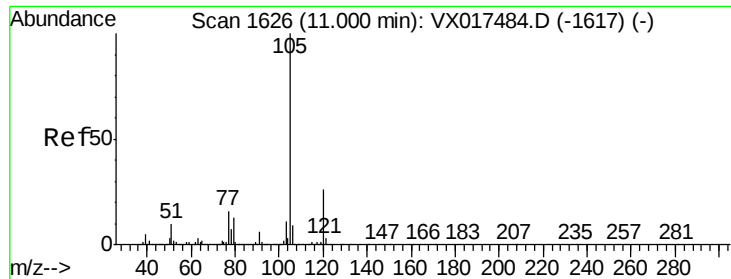
115 78.4 65.5 196.6

150 168.9 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: 49.378 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

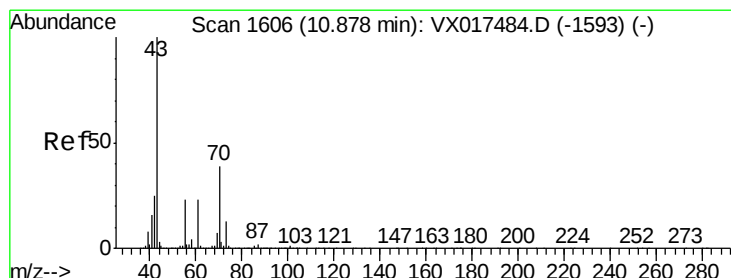
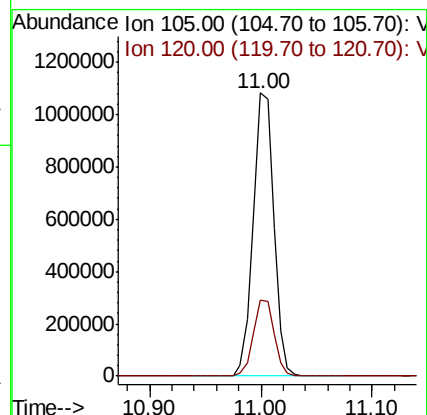
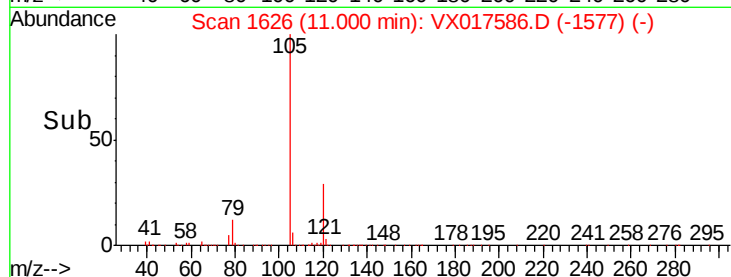
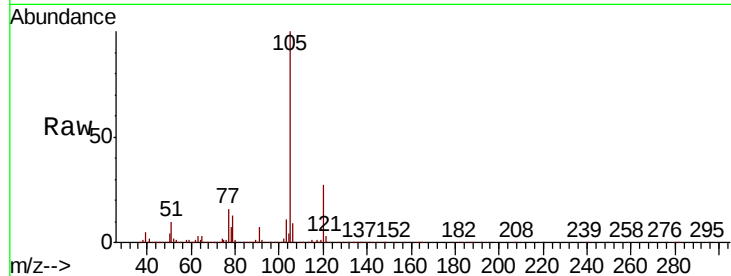
ClientSampleId :

Tot Ion:105 Resp: 1400077

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.8



#74

N-ethyl acetate

Concen: 46.593 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Tgt Ion: 43 Resp: 586979

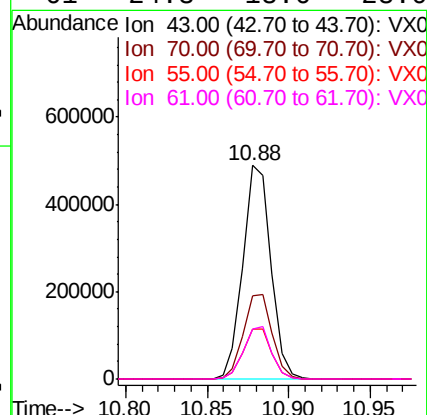
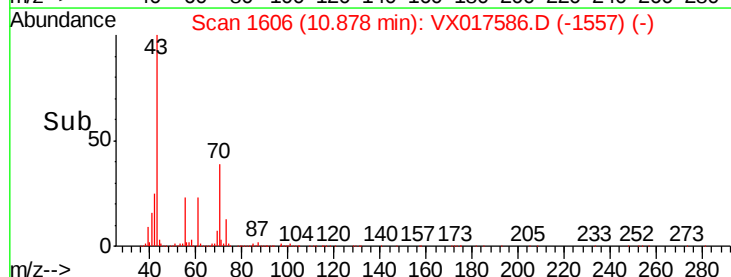
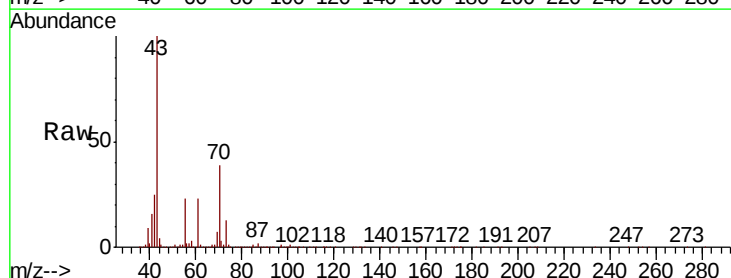
Ion Ratio Lower Upper

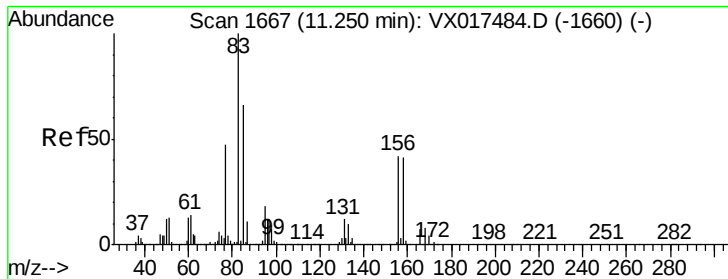
43 100

70 40.7 32.3 48.5

55 24.0 18.4 27.6

61 24.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.874 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

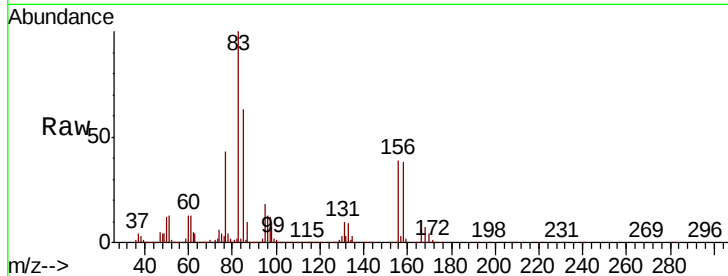
Tot Ion: 83 Resp: 423708

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.5

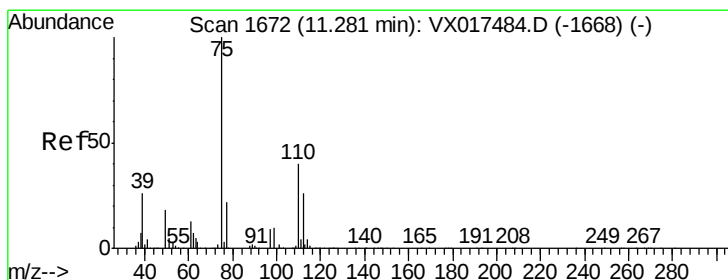
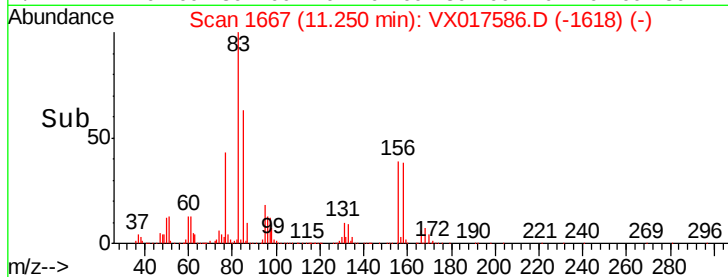
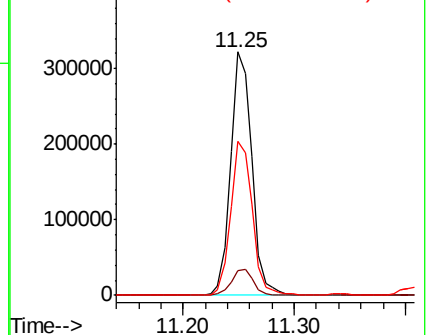
85 64.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.916 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017586.D

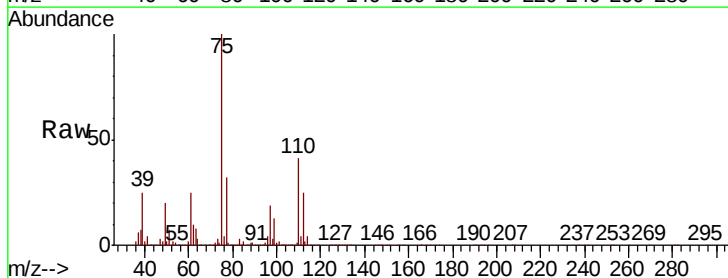
Acq: 25 Jul 2020 11:04

Tgt Ion: 75 Resp: 500915

Ion Ratio Lower Upper

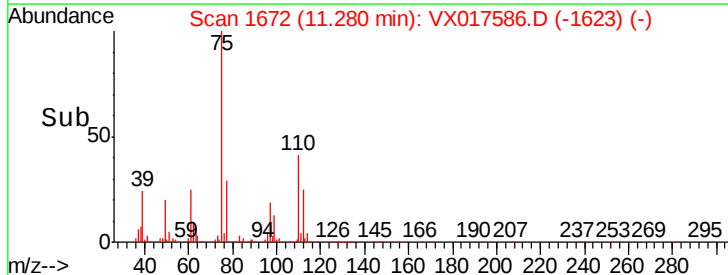
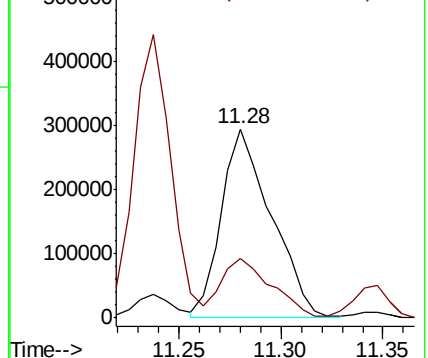
75 100

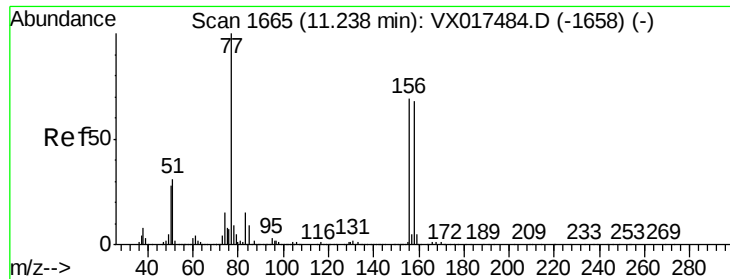
77 31.7 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.525 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

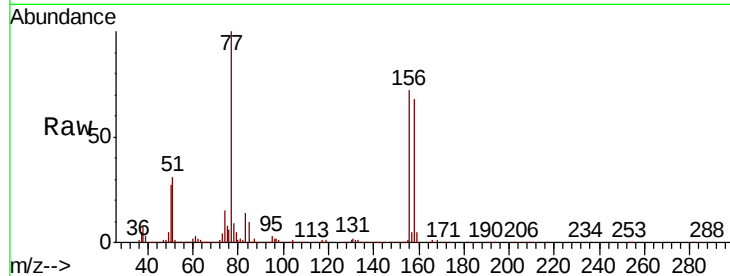
Tot Ion:156 Resp: 385190

Ion Ratio Lower Upper

156 100

77 144.6 75.0 225.0

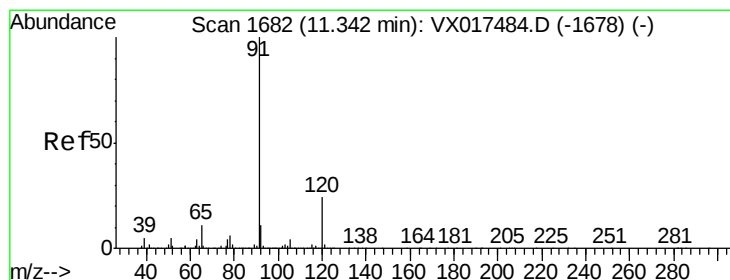
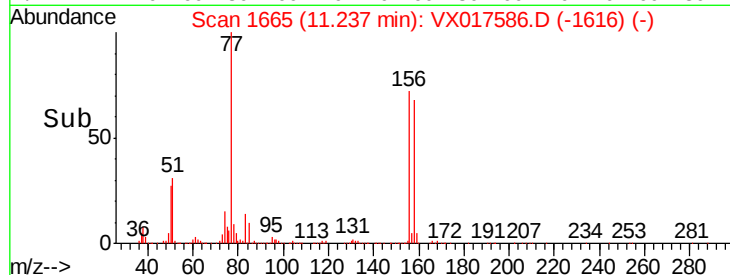
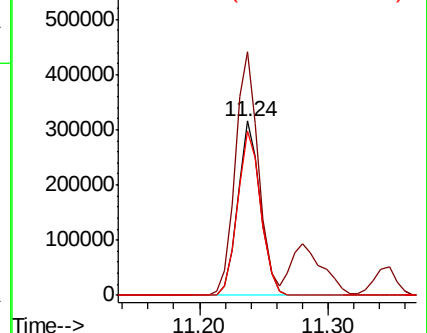
158 97.0 49.1 147.3



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: 46.152 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX017586.D

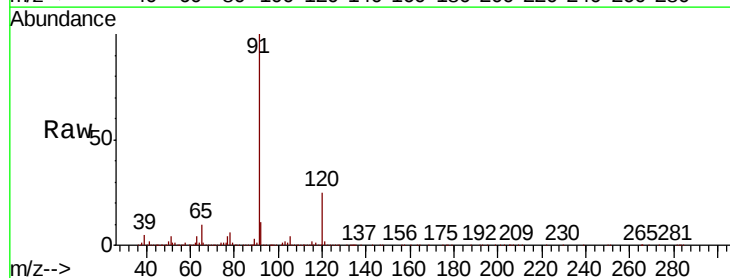
Acq: 25 Jul 2020 11:04

Tgt Ion: 91 Resp: 1475918

Ion Ratio Lower Upper

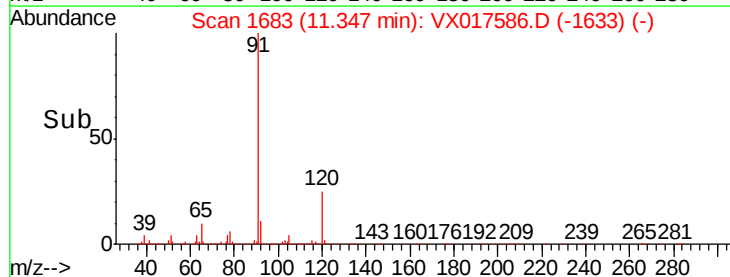
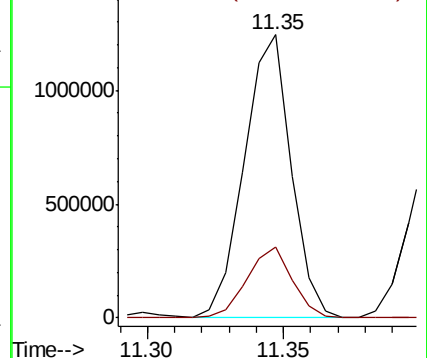
91 100

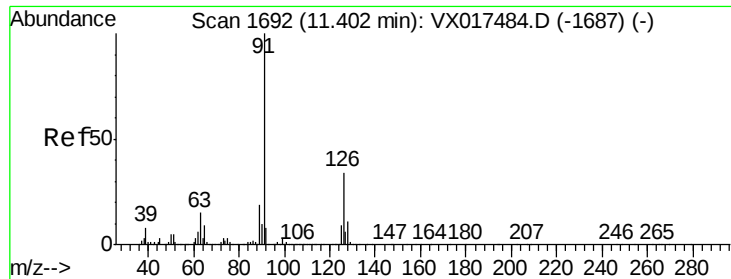
120 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

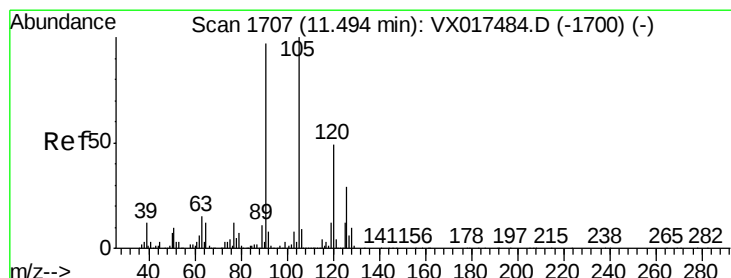
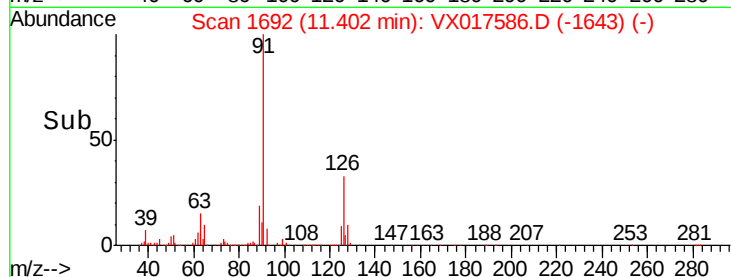
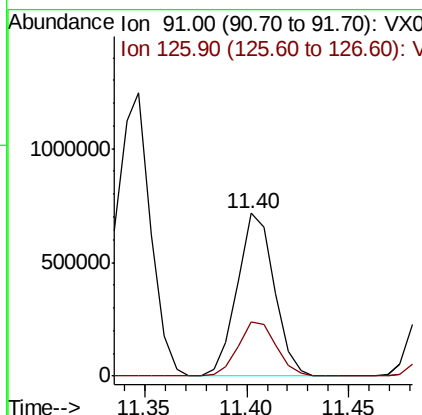
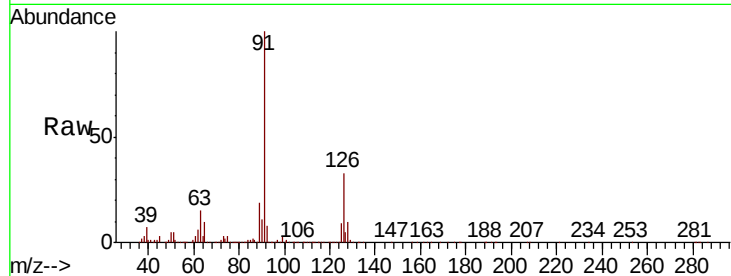




#79
 2-Chlorotoluene
 Concen: 45.314 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

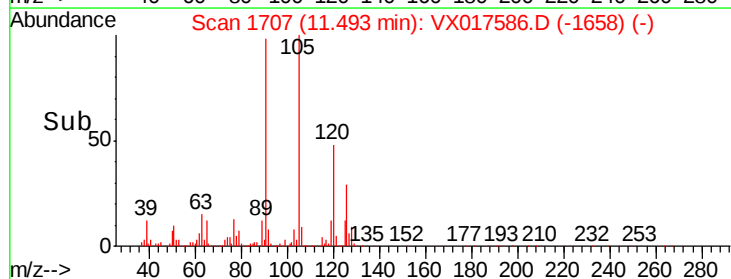
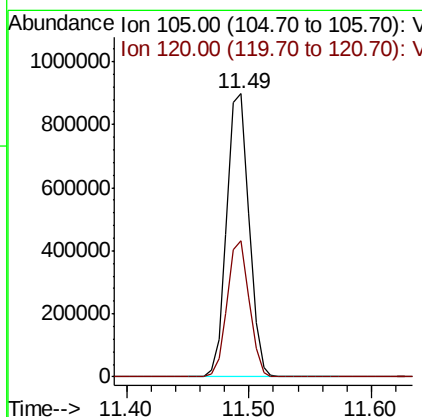
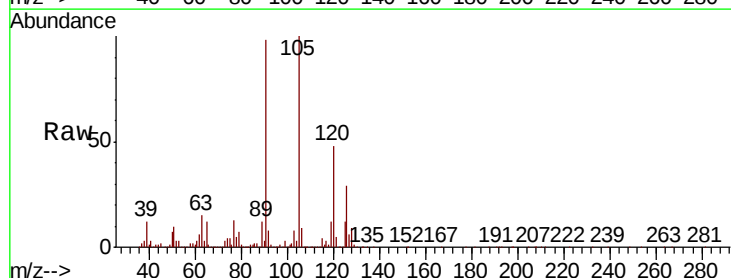
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 897659
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 46.601 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Tgt Ion: 105 Resp: 1128185
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 41.282 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

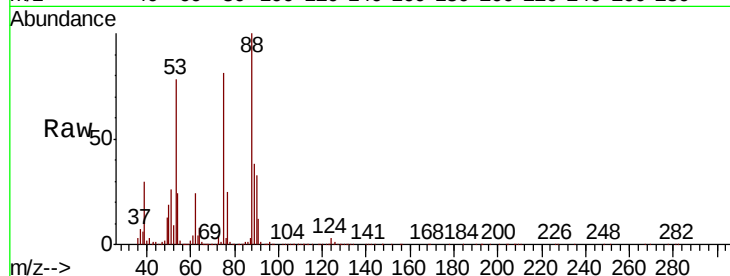
Tot Ion: 75 Resp: 139294

Ion Ratio Lower Upper

75 100

53 99.8 75.9 113.9

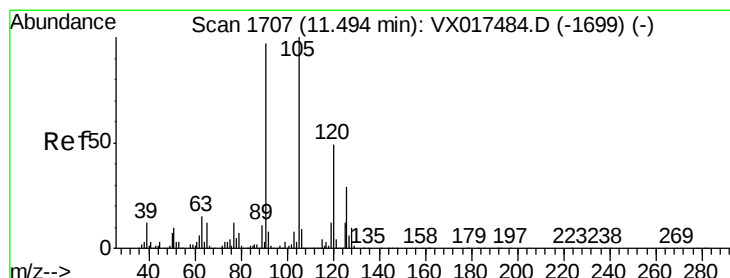
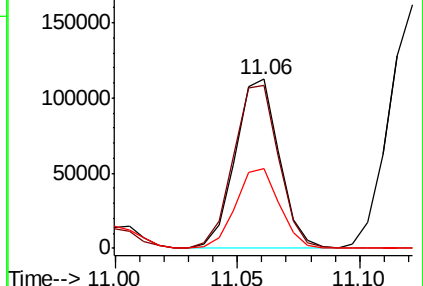
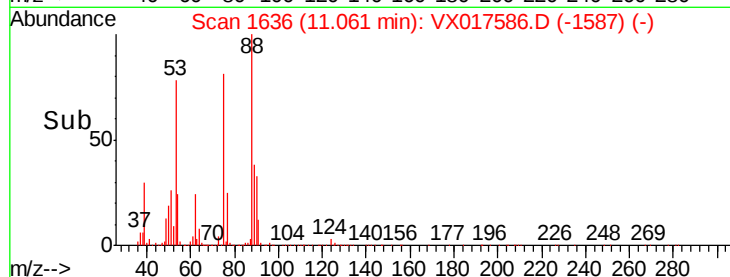
89 47.5 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.415 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017586.D

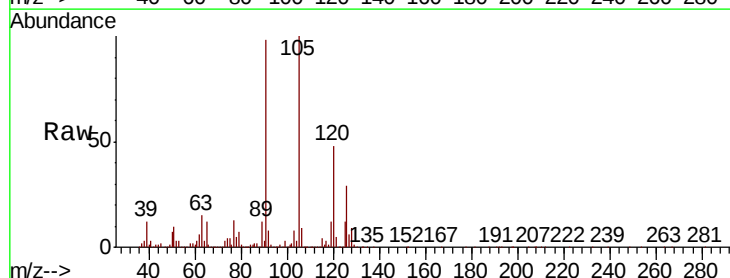
Acq: 25 Jul 2020 11:04

Tgt Ion: 91 Resp: 1084632

Ion Ratio Lower Upper

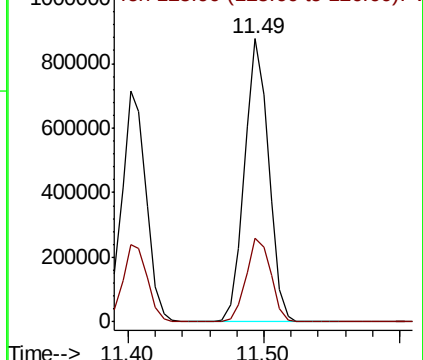
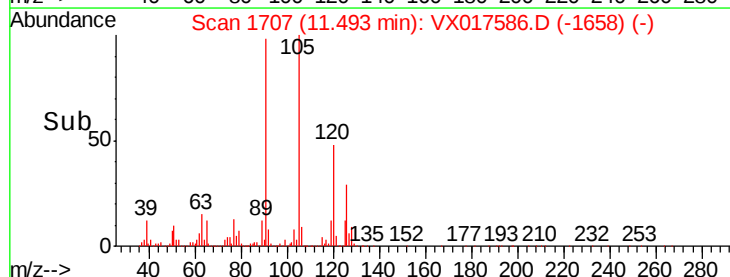
91 100

126 30.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

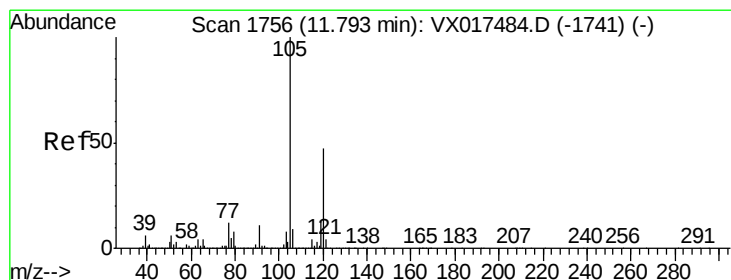
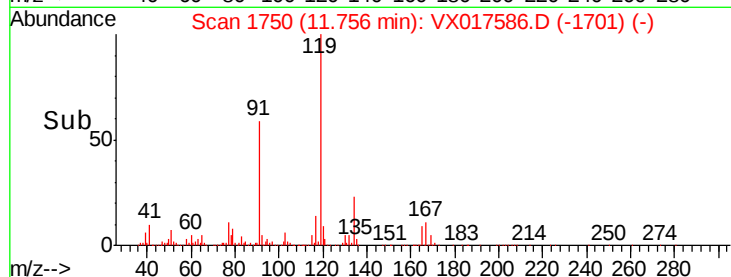
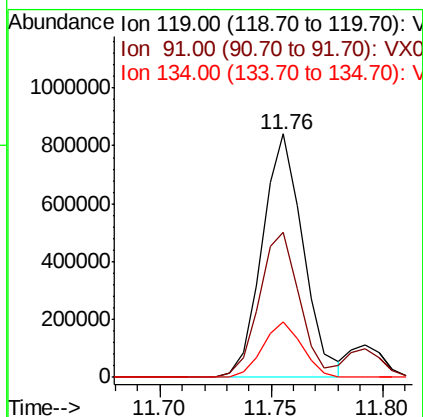
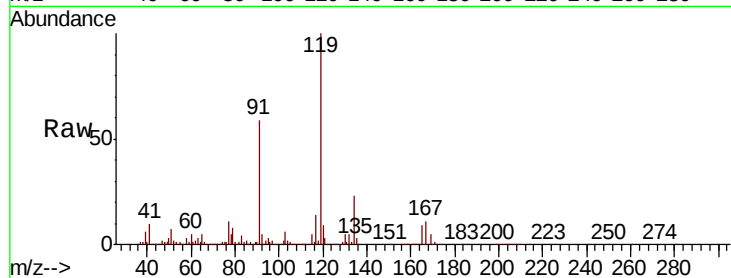




#83
tert-Butylbenzene
Concen: 46.332 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

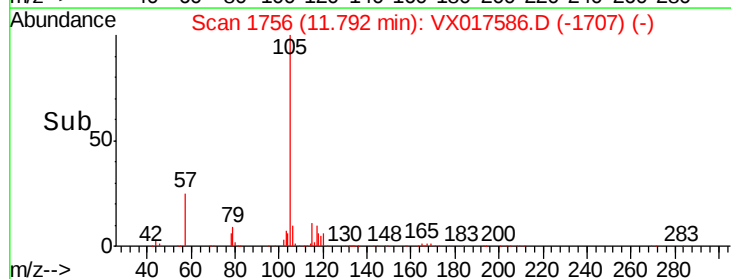
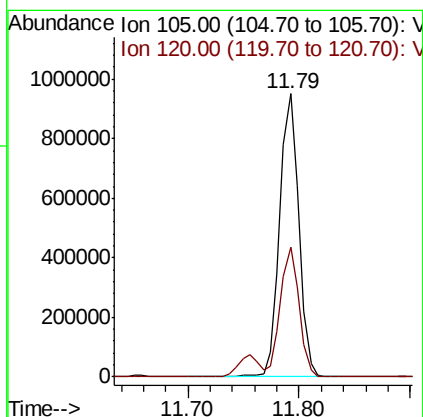
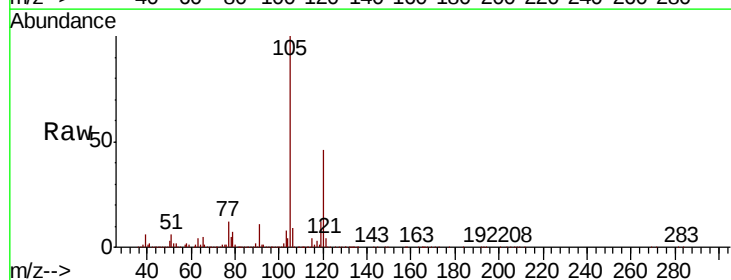
Instrument :
MSVOA_X
ClientSampleId :

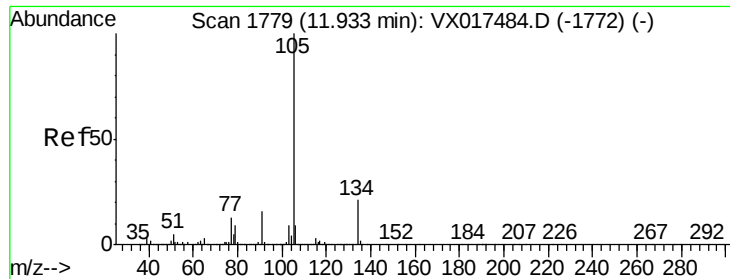
Tot Ion:119 Resp: 1073273
Ion Ratio Lower Upper
119 100
91 58.2 29.3 88.0
134 22.3 11.2 33.6



#84
1,2,4-Trimethylbenzene
Concen: 47.145 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion:105 Resp: 1135221
Ion Ratio Lower Upper
105 100
120 44.9 22.7 68.0

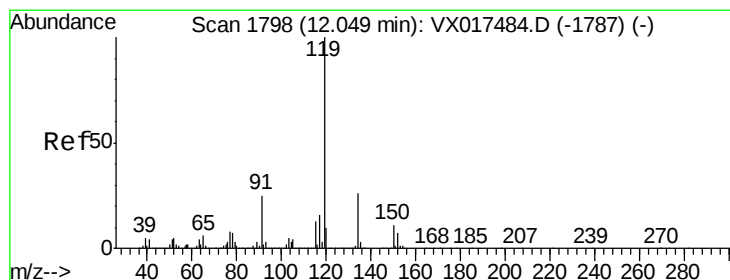
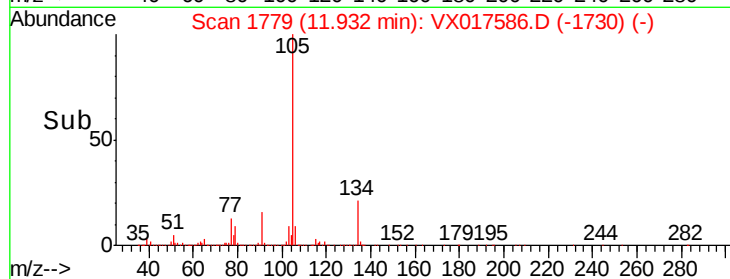
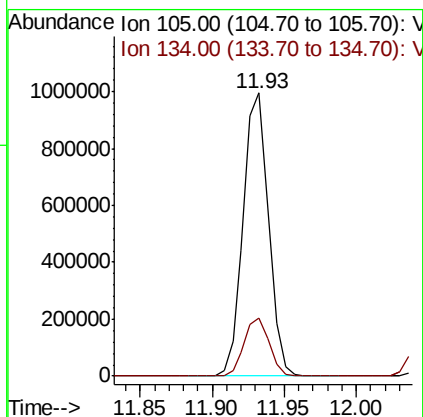
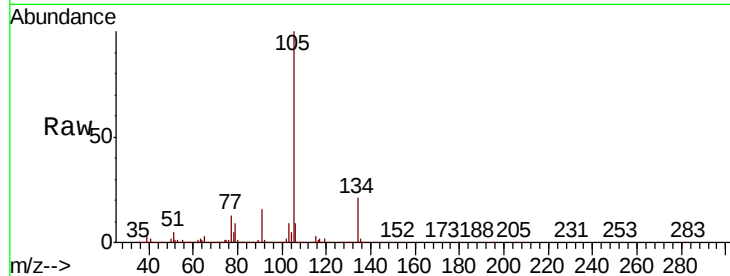




#85
 sec-Butylbenzene
 Concen: 44.869 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

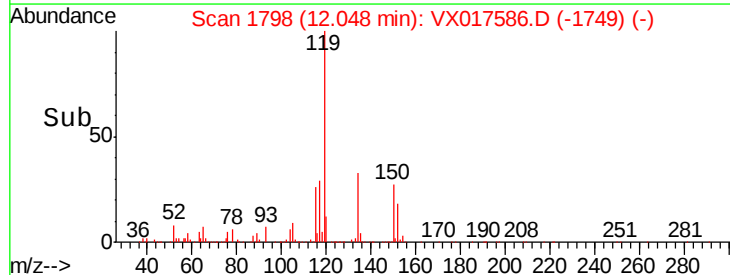
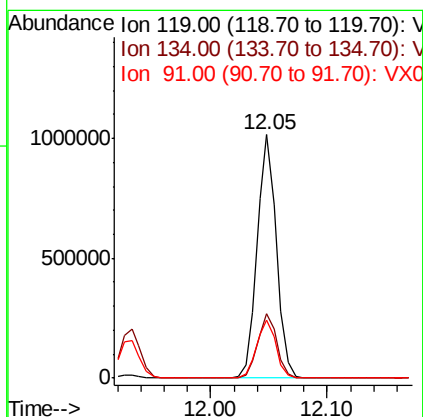
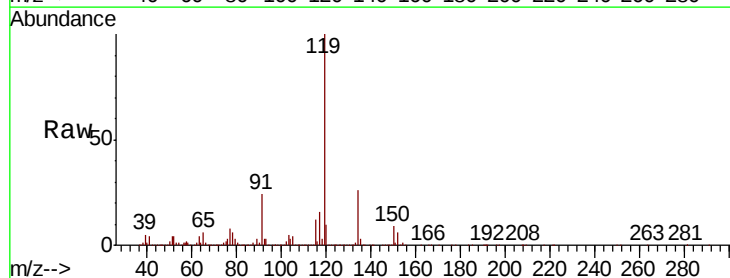
Instrument :
 MSVOA_X
 ClientSampleId :

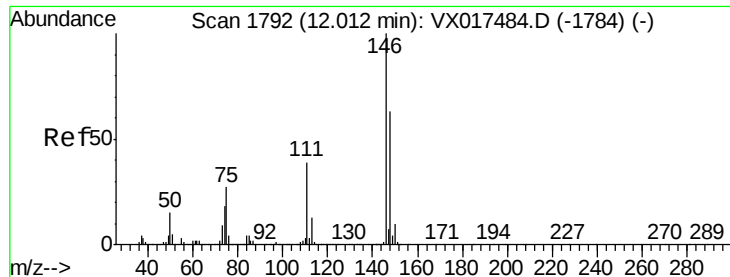
Tot Ion:105 Resp: 1210796
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 45.352 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Tgt Ion:119 Resp: 1165458
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 24.1 12.1 36.3

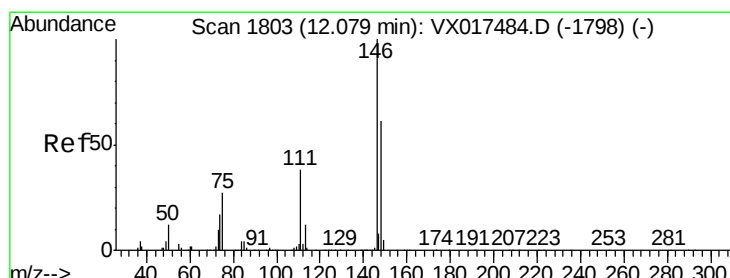
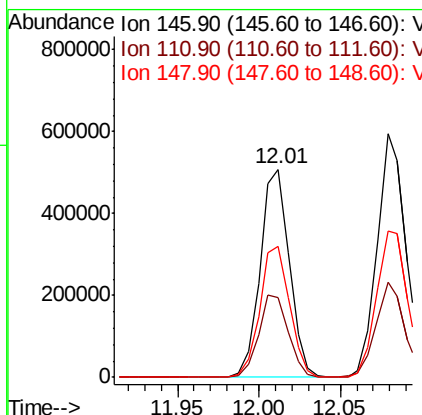
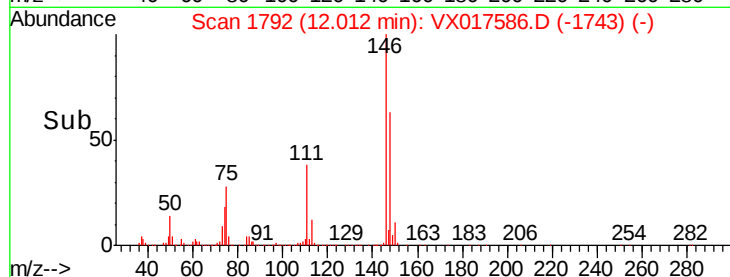
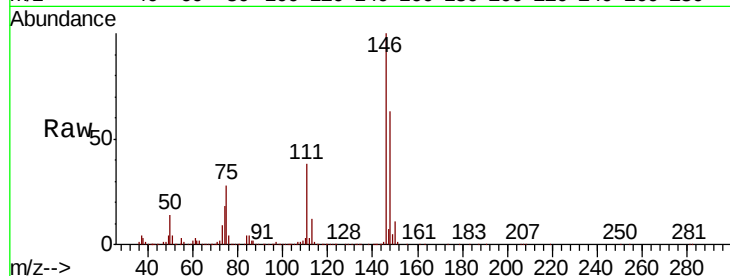




#87
 1,3-Dichlorobenzene
 Concen: 46.084 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

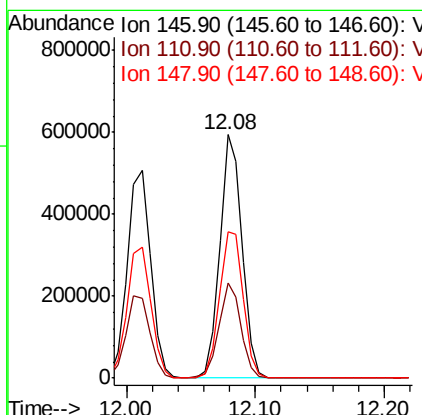
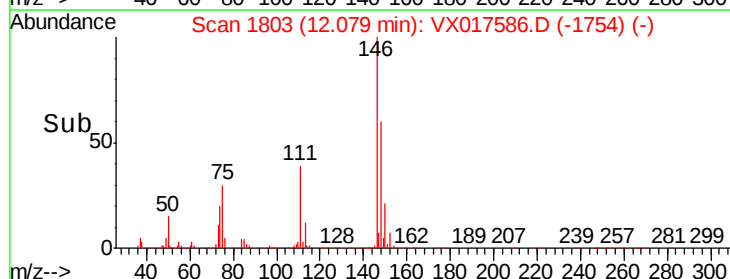
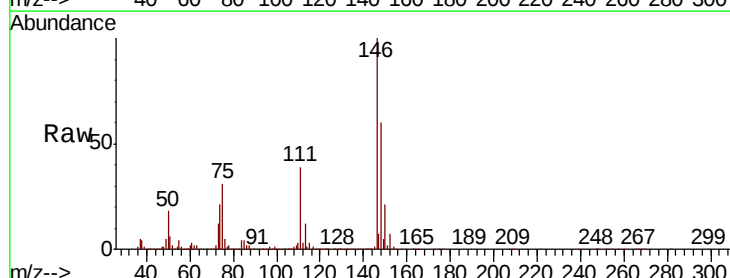
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.9	59.7
148	64.6	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 51.211 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.8
148	64.3	32.2	96.6

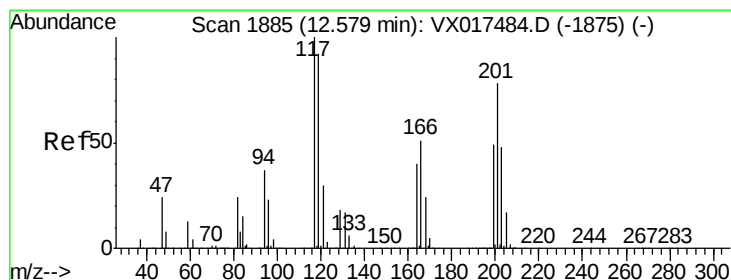
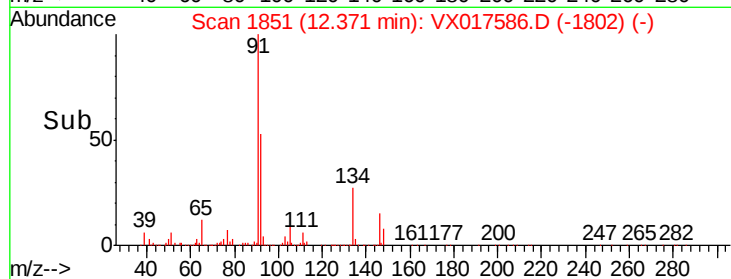
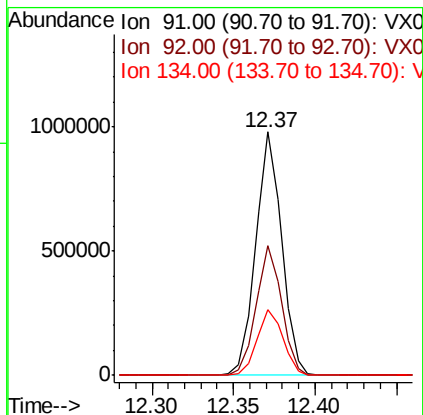
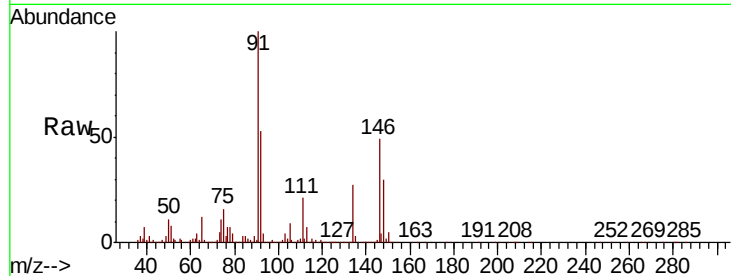




#89
n-Butylbenzene
Concen: 47.342 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

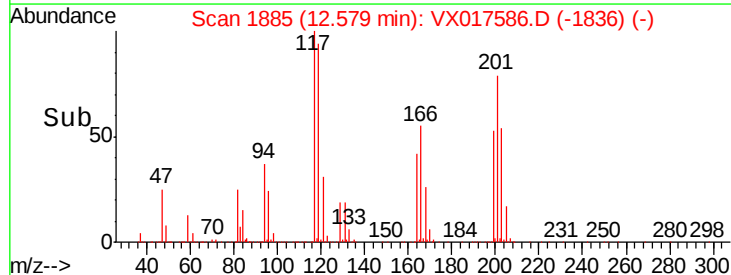
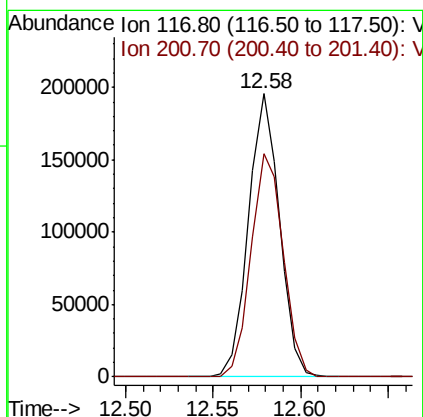
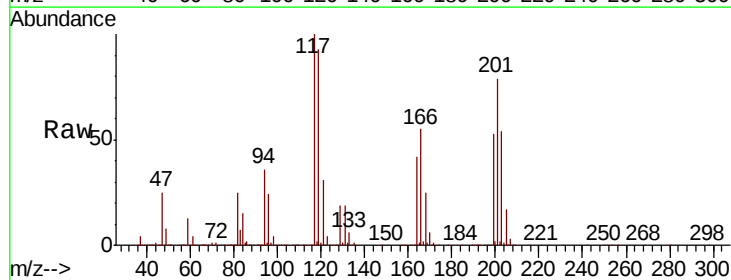
Instrument :
MSVOA_X
ClientSampled :

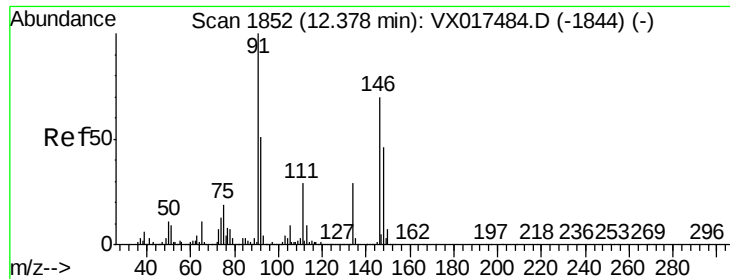
Tot Ion: 91 Resp: 1084064
Ion Ratio Lower Upper
91 100
92 52.7 26.7 80.1
134 27.2 13.6 40.7



#90
Hexachloroethane
Concen: 47.832 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion: 117 Resp: 242339
Ion Ratio Lower Upper
117 100
201 82.1 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 50.650 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

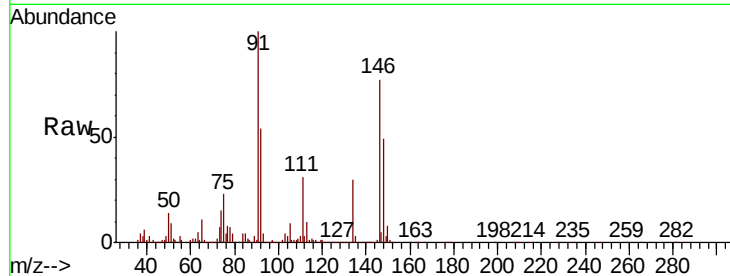
Tot Ion:146 Resp: 678578

Ion Ratio Lower Upper

146 100

111 40.3 20.9 62.8

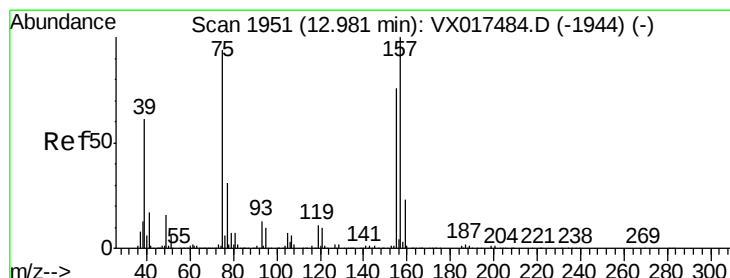
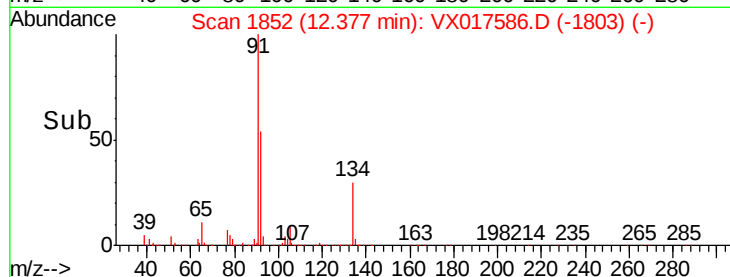
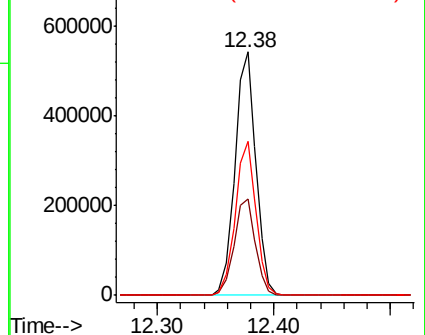
148 62.5 32.8 98.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.594 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

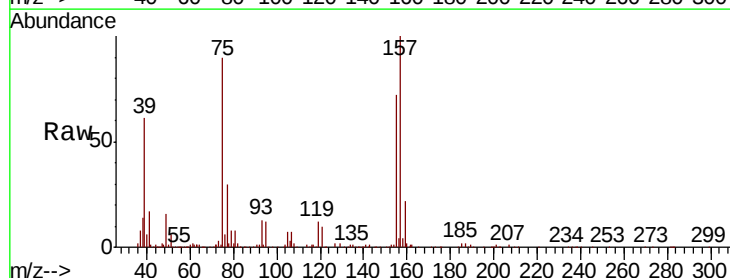
Tgt Ion: 75 Resp: 108240

Ion Ratio Lower Upper

75 100

155 86.1 42.3 126.8

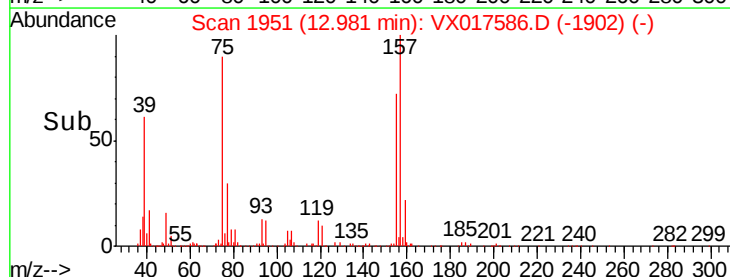
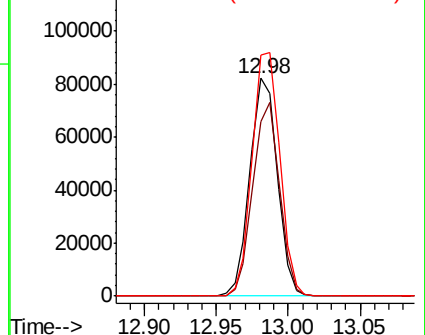
157 113.1 54.3 162.9

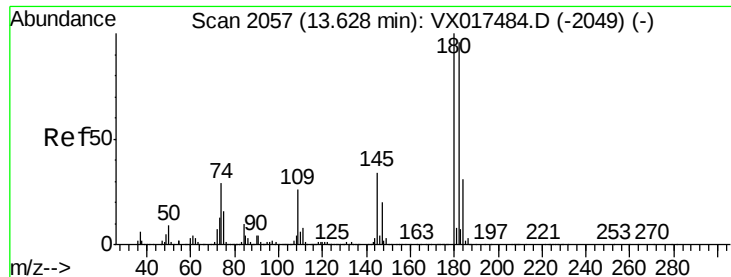


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 45.744 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

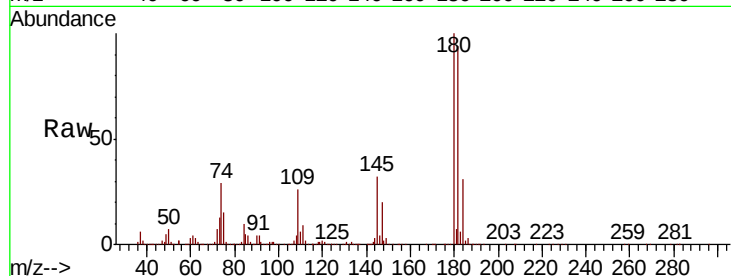
Tot Ion:180 Resp: 418262

Ion Ratio Lower Upper

180 100

182 96.9 47.5 142.6

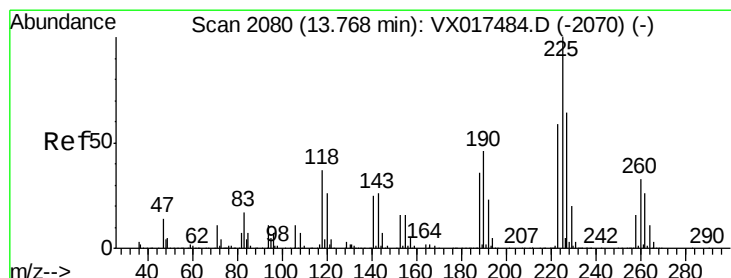
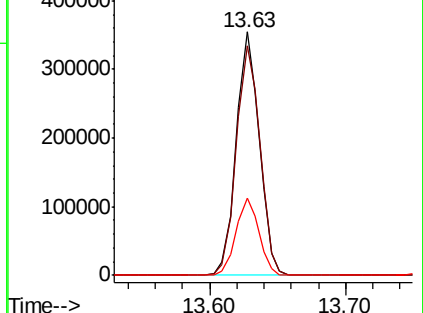
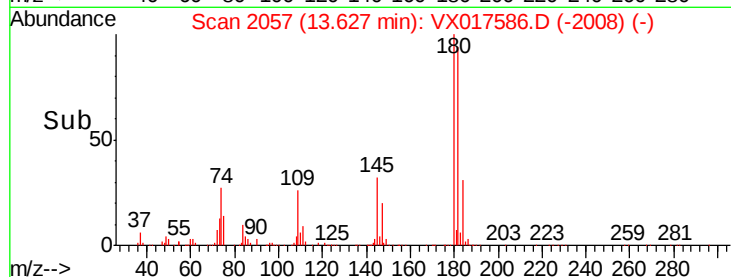
145 31.8 15.4 46.4



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: 39.509 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

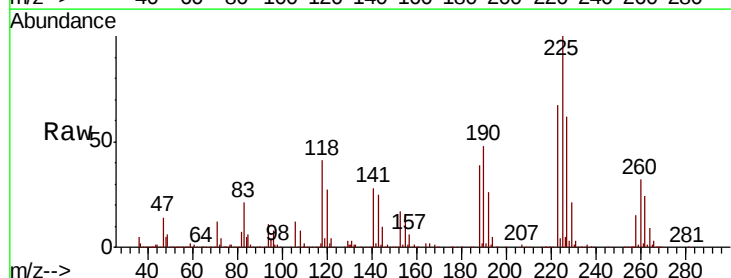
Tgt Ion:225 Resp: 166289

Ion Ratio Lower Upper

225 100

223 65.2 30.3 90.9

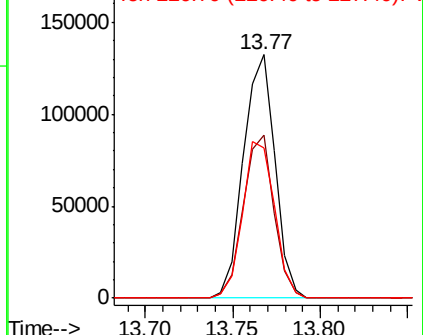
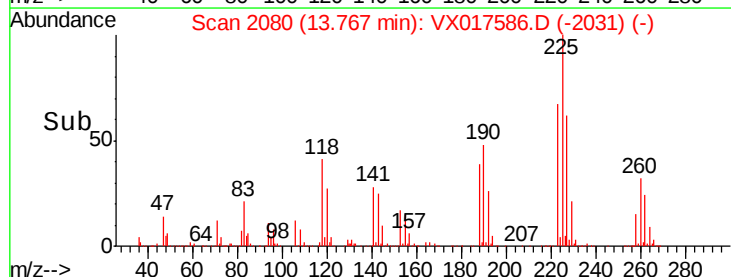
227 65.2 31.1 93.2

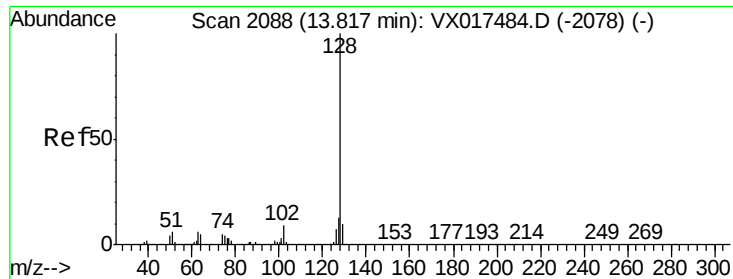


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

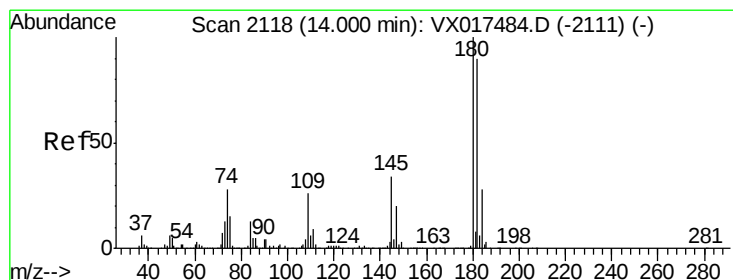
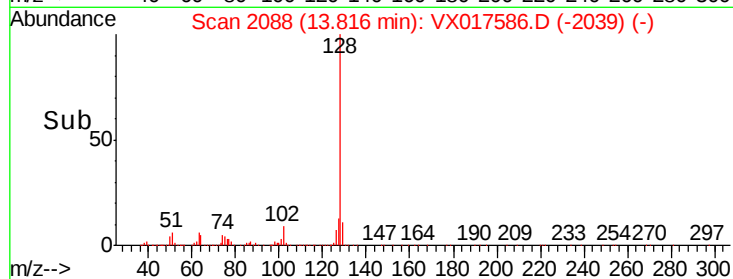
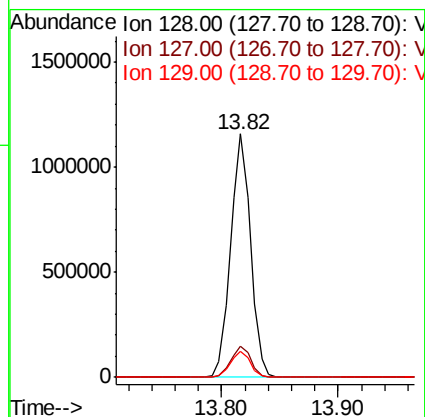
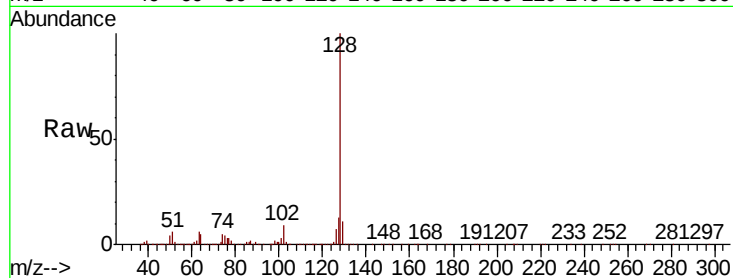




#95
Naphthalene
Concen: 50.393 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1375480
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.6 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 47.387 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion:180 Resp: 427820
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.3
145 33.1 16.3 48.9

