

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080420\
 Data File : VX017761.D
 Acq On : 04 Aug 2020 11:29
 Operator : JC/SP
 Sample : VX0804WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 05 01:44:54 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	501734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	761540	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	717960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	382452	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	347707	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
35) Dibromofluoromethane	5.47	113	271748	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
50) Toluene-d8	8.70	98	949391	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.12	95	375828	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	80938	16.710	ug/l	97
3) Chloromethane	1.32	50	104256	17.054	ug/l	100
4) Vinyl Chloride	1.39	62	109739	17.381	ug/l	99
5) Bromomethane	1.63	94	82522	22.651	ug/l	97
6) Chloroethane	1.72	64	67882	19.025	ug/l	97
7) Trichlorofluoromethane	1.92	101	184665	18.595	ug/l	98
8) Diethyl Ether	2.17	74	63960	19.022	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	97394	17.872	ug/l	97
10) Methyl Iodide	2.50	142	113194	16.235	ug/l	95
11) Tert butyl alcohol	3.01	59	133797	98.501	ug/l	100
12) 1,1-Dichloroethene	2.36	96	94264	18.189	ug/l	97
13) Acrolein	2.28	56	58036	59.181	ug/l	96
14) Allyl chloride	2.71	41	179347	18.953	ug/l	97
15) Acrylonitrile	3.12	53	270128	92.073	ug/l	100
16) Acetone	2.42	43	279862	98.659	ug/l	97
17) Carbon Disulfide	2.56	76	252051	16.001	ug/l	99
18) Methyl Acetate	2.75	43	144329	21.604	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	320433	17.864	ug/l	98
20) Methylene Chloride	2.84	84	109592	19.736	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	99077	17.846	ug/l	93
22) Diisopropyl ether	3.82	45	332454	19.214	ug/l #	84
23) Vinyl Acetate	3.79	43	1453422	94.211	ug/l	99
24) 1,1-Dichloroethane	3.67	63	189735	19.036	ug/l	98
25) 2-Butanone	4.64	43	395494	98.143	ug/l	100
26) 2,2-Dichloropropane	4.55	77	170824	19.146	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	115091	19.086	ug/l	97
28) Bromochloromethane	4.98	49	80884	17.908	ug/l	98
29) Tetrahydrofuran	5.09	42	240723	96.438	ug/l	99
30) Chloroform	5.18	83	208619	20.484	ug/l	96
31) Cyclohexane	5.56	56	141826	17.843	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	187810	19.556	ug/l	99
36) 1,1-Dichloropropene	5.77	75	138487	18.961	ug/l	99
37) Ethyl Acetate	4.79	43	151071	18.904	ug/l	98
38) Carbon Tetrachloride	5.76	117	171429	19.328	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	143711	16.855	ug/l	98
40) Benzene	6.12	78	397953	19.005	ug/l	100
41) Methacrylonitrile	5.01	41	85515	18.669	ug/l	97
42) 1,2-Dichloroethane	6.17	62	168171	19.631	ug/l	100
43) Isopropyl Acetate	6.42	43	247980	18.807	ug/l	100
44) Trichloroethene	7.19	130	122013	19.938	ug/l	99
45) 1,2-Dichloropropane	7.49	63	111062	19.133	ug/l	98
46) Dibromomethane	7.63	93	77972	19.007	ug/l	96
47) Bromodichloromethane	7.87	83	160015	19.385	ug/l	97
48) Methyl methacrylate	7.74	41	116813	17.872	ug/l	98
49) 1,4-Dioxane	7.72	88	47769	381.206	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	782513	99.464	ug/l	98
52) Toluene	8.77	92	261224	19.452	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	173024	18.725	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	182068	19.318	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	110221	19.703	ug/l	95
56) Ethyl methacrylate	9.16	69	162006	19.222	ug/l	99
57) 1,3-Dichloropropane	9.35	76	179386	19.474	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	387584	87.287	ug/l	98
59) 2-Hexanone	9.47	43	592167	99.974	ug/l	98
60) Dibromochloromethane	9.57	129	137084	19.279	ug/l	98
61) 1,2-Dibromoethane	9.65	107	121530	20.405	ug/l	99
64) Tetrachloroethene	9.32	164	126208	19.586	ug/l	98
65) Chlorobenzene	10.12	112	289027	18.598	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	121329	19.345	ug/l	99
67) Ethyl Benzene	10.23	91	490444	18.906	ug/l	97
68) m/p-Xylenes	10.34	106	376489	37.463	ug/l	97
69) o-Xylene	10.68	106	177345	18.348	ug/l	99
70) Styrene	10.70	104	308035	18.731	ug/l	99
71) Bromoform	10.84	173	104657	19.260	ug/l #	99
73) Isopropylbenzene	11.00	105	499697	19.046	ug/l	98
74) N-amyl acetate	10.88	43	213359	18.303	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	154161	18.824	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	192110	24.419	ug/l	81
77) Bromobenzene	11.24	156	136116	18.532	ug/l	98
78) n-propylbenzene	11.34	91	575185	19.438	ug/l	97
79) 2-Chlorotoluene	11.40	91	346460	18.901	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	421546	18.818	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	56758	18.179	ug/l	98
82) 4-Chlorotoluene	11.49	91	405682	18.762	ug/l	99
83) tert-Butylbenzene	11.76	119	401026	18.709	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	426500	19.142	ug/l	100
85) sec-Butylbenzene	11.93	105	473709	18.971	ug/l	100
86) p-Isopropyltoluene	12.05	119	444082	18.675	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	240064	19.033	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	241467	18.482	ug/l	98
89) n-Butylbenzene	12.37	91	373053	17.606	ug/l	99
90) Hexachloroethane	12.58	117	84961	18.123	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	228117	18.401	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	38393	18.300	ug/l	98

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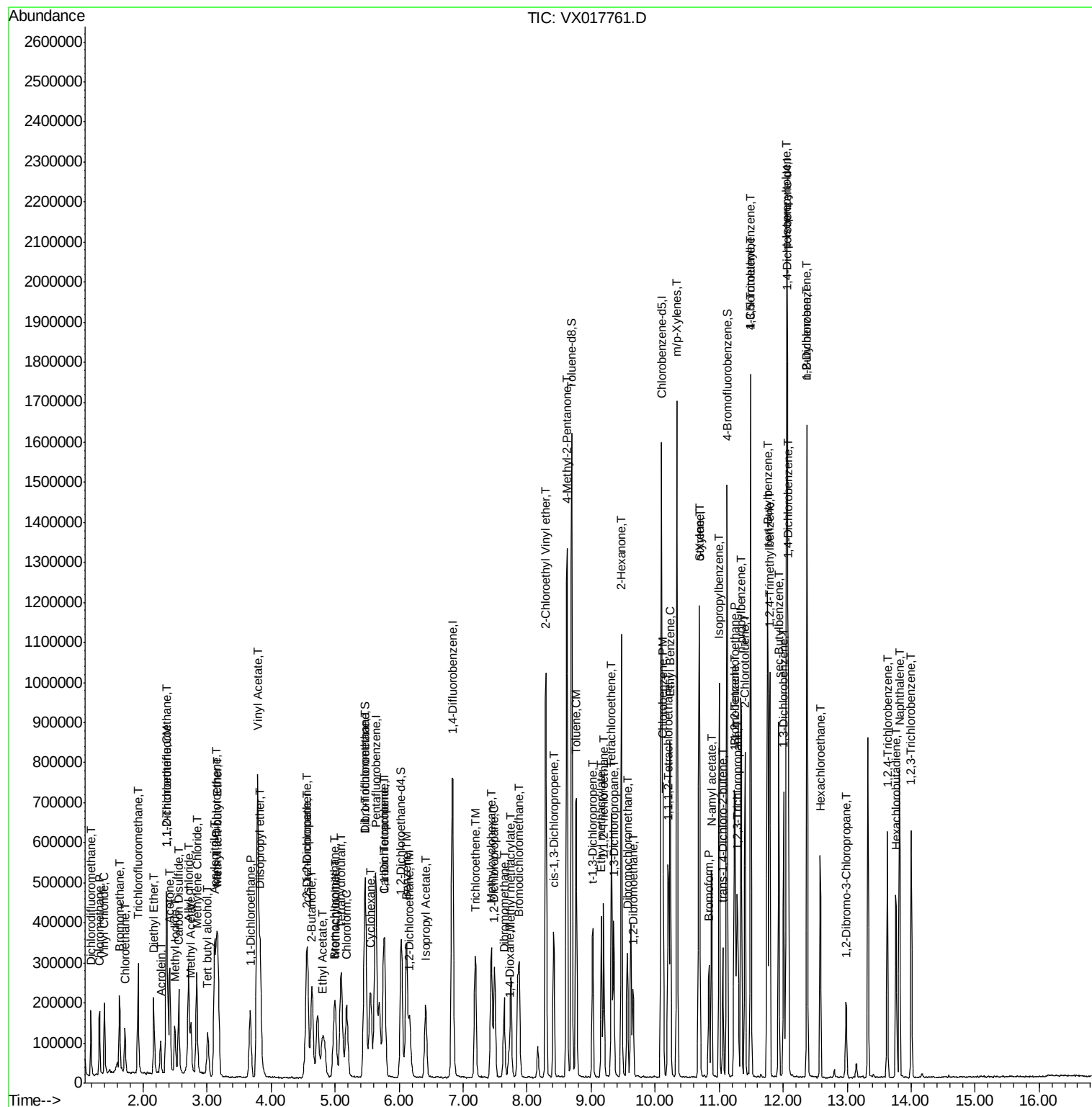
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	146267	17.288	ug/l	99
94) Hexachlorobutadiene	13.76	225	66554	17.089	ug/l	96
95) Naphthalene	13.82	128	461288	18.264	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	152709	18.280	ug/l	100

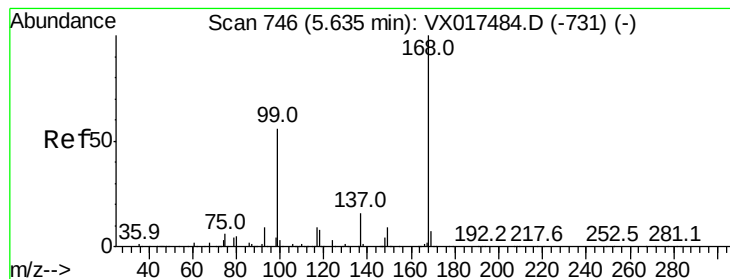
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :

Quant Time: Aug 05 01:44:54 2020
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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

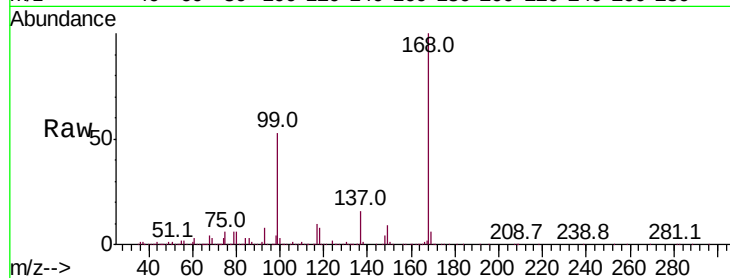
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 501734

Ion Ratio Lower Upper

168 100

99 53.1 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

150000

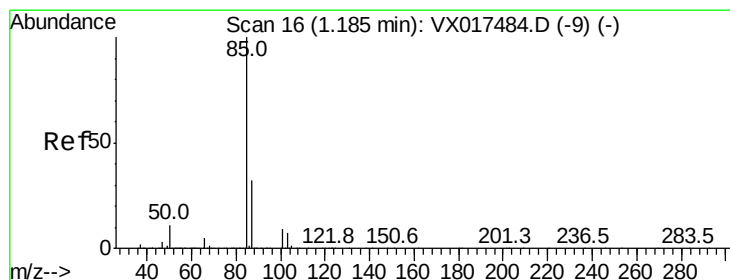
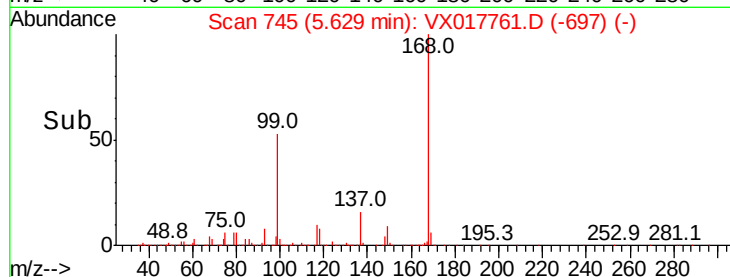
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.710 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017761.D

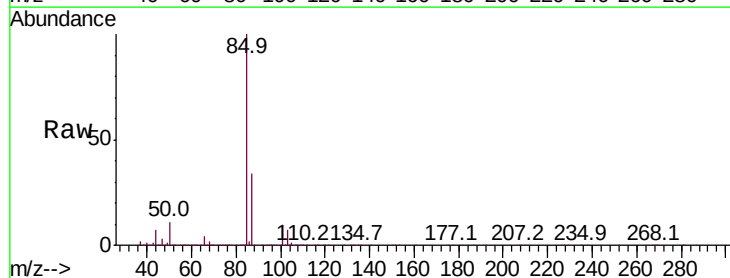
Acq: 04 Aug 2020 11:29

Tgt Ion: 85 Resp: 80938

Ion Ratio Lower Upper

85 100

87 34.0 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

100000

80000

60000

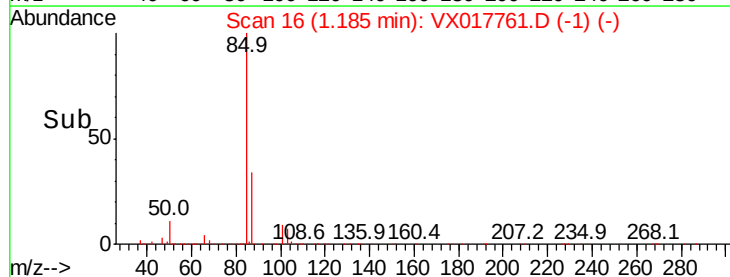
40000

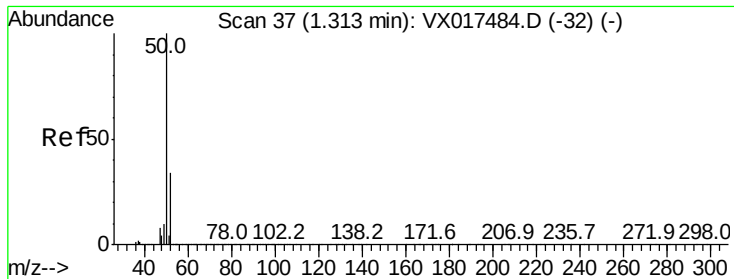
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.054 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

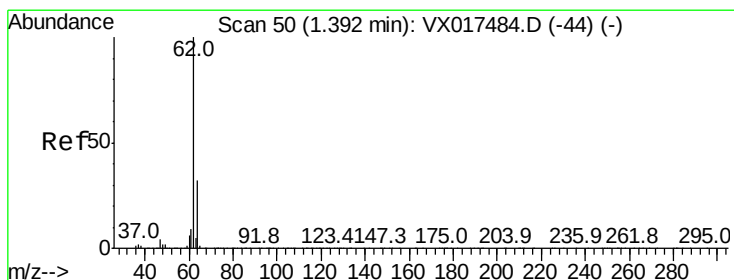
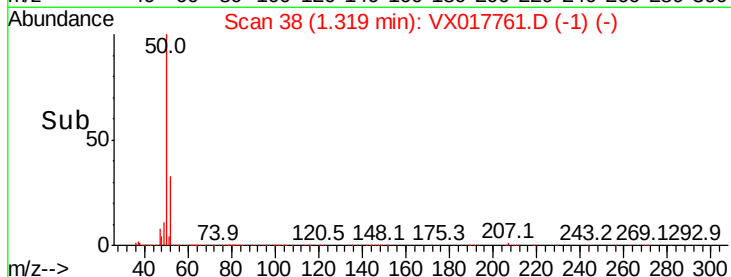
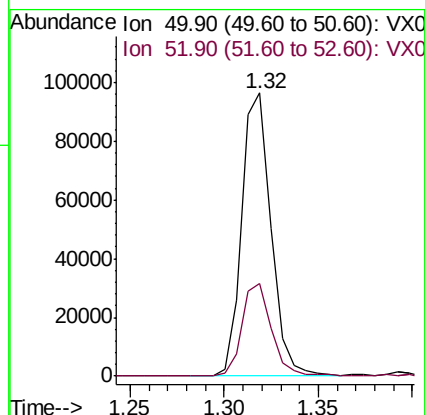
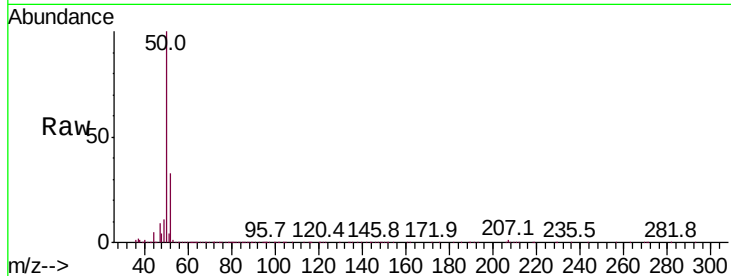
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 50 Resp: 104256

Ion Ratio Lower Upper

50 100

52 32.5 25.9 38.9



#4

Vinyl Chloride

Concen: 17.381 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017761.D

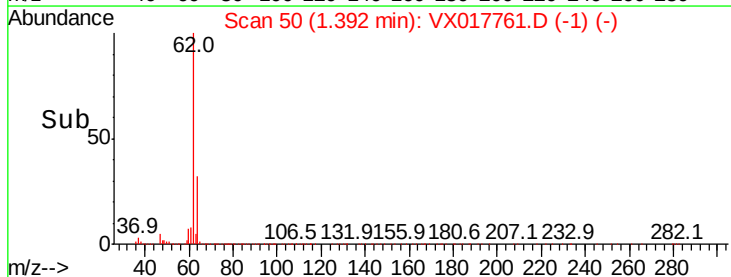
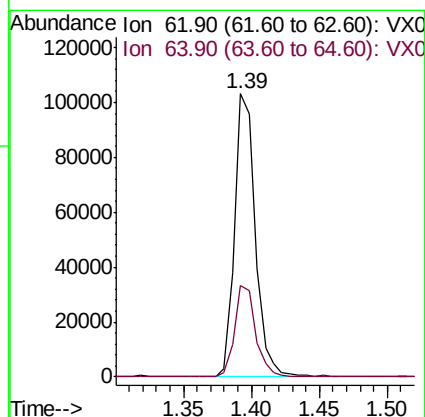
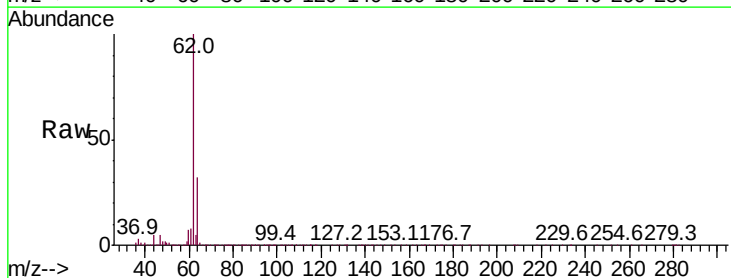
Acq: 04 Aug 2020 11:29

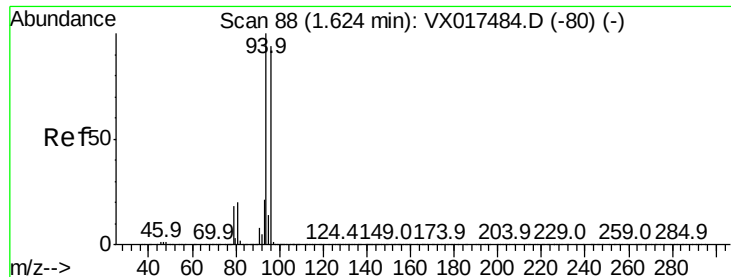
Tgt Ion: 62 Resp: 109739

Ion Ratio Lower Upper

62 100

64 32.2 25.2 37.8





#5

Bromomethane

Concen: 22.651 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

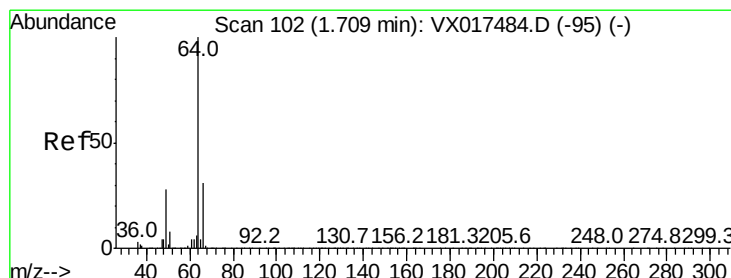
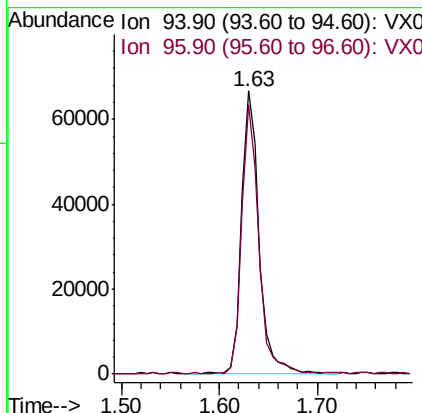
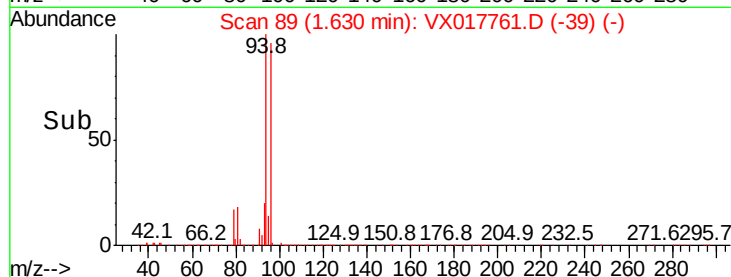
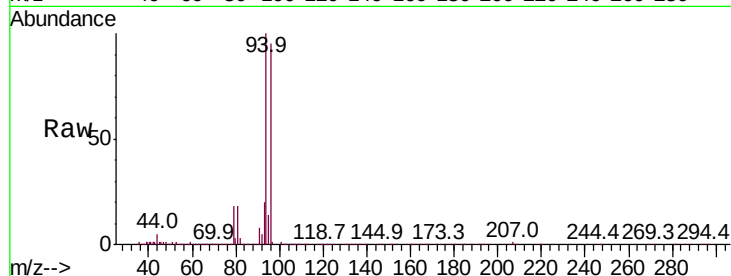
ClientSampleId :

Tot Ion: 94 Resp: 82522

Ion Ratio Lower Upper

94 100

96 95.0 74.1 111.1



#6

Chloroethane

Concen: 19.025 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017761.D

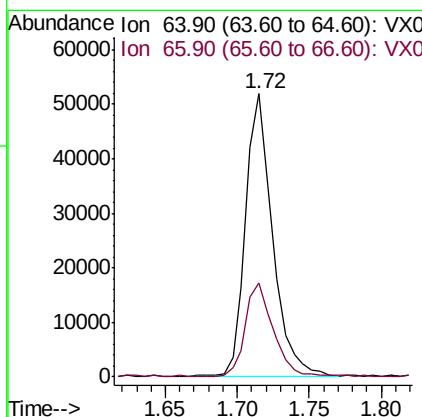
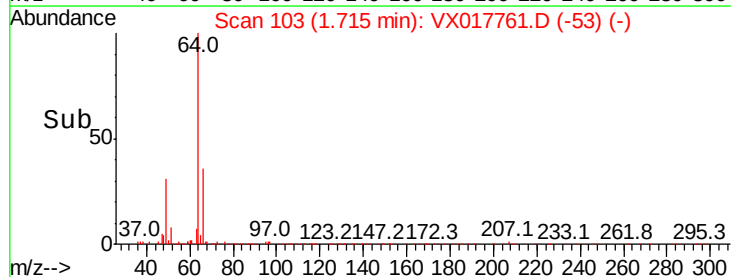
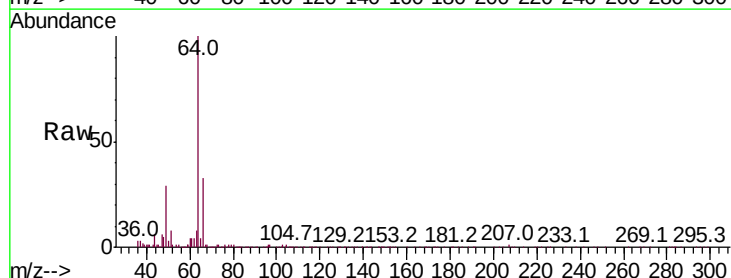
Acq: 04 Aug 2020 11:29

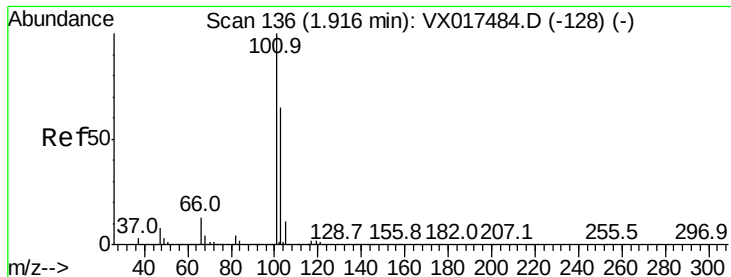
Tgt Ion: 64 Resp: 67882

Ion Ratio Lower Upper

64 100

66 33.0 24.9 37.3



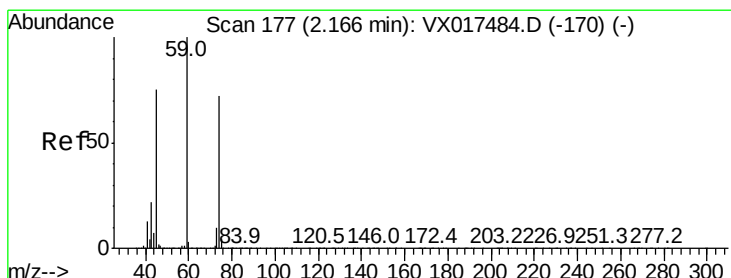
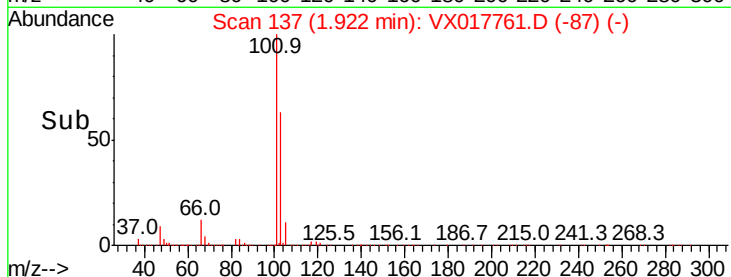
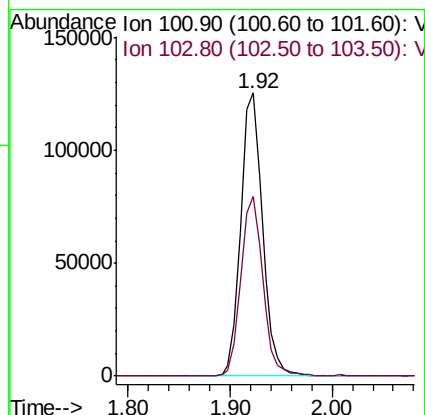
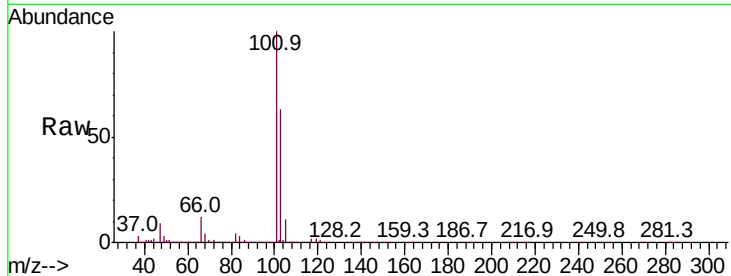


#7

Trichlorofluoromethane
Concen: 18.595 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampled :

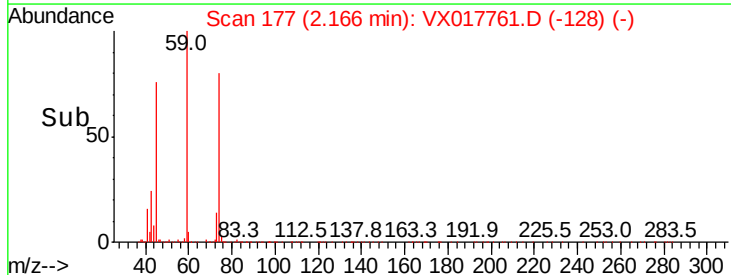
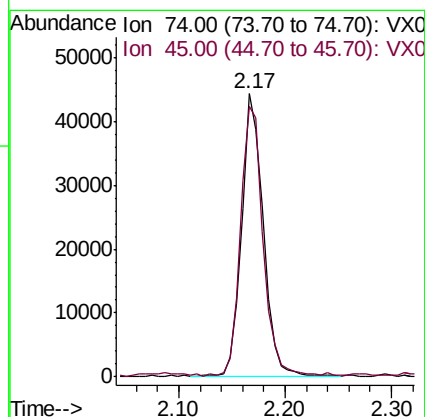
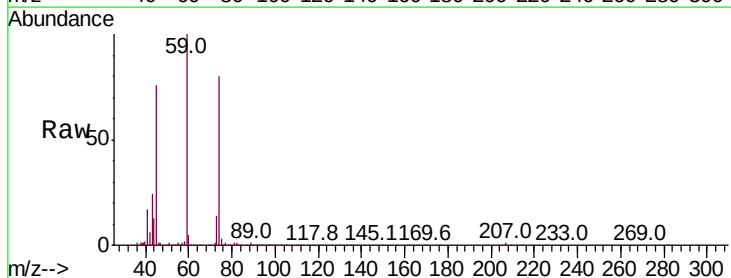
Tot Ion:101 Resp: 184665
Ion Ratio Lower Upper
101 100
103 63.3 51.8 77.8

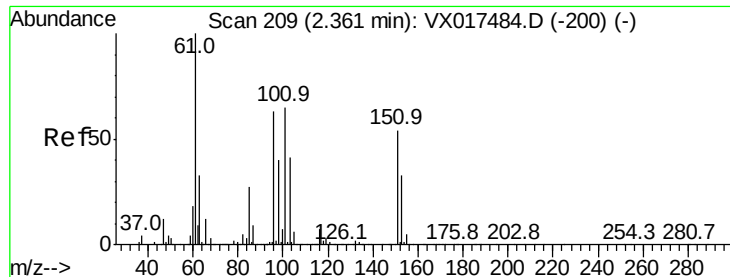


#8

Diethyl Ether
Concen: 19.022 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion: 74 Resp: 63960
Ion Ratio Lower Upper
74 100
45 98.2 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.872 ug/l

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

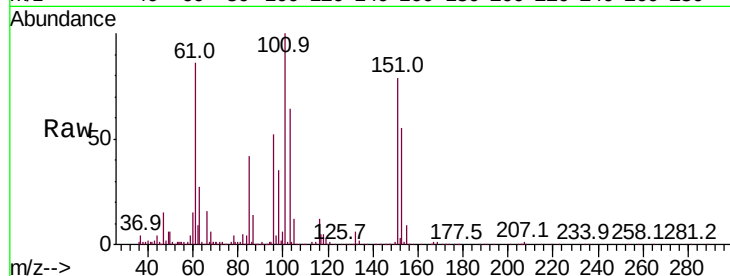
Tot Ion:101 Resp: 97394

Ion Ratio Lower Upper

101 100

85 45.1 34.8 52.2

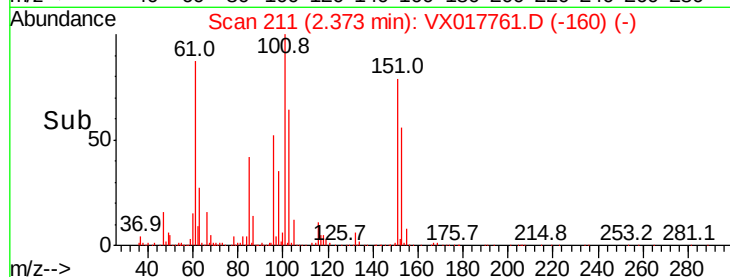
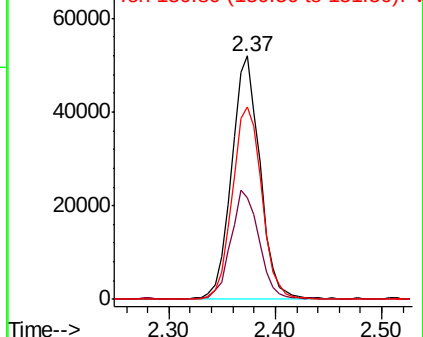
151 82.4 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.235 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

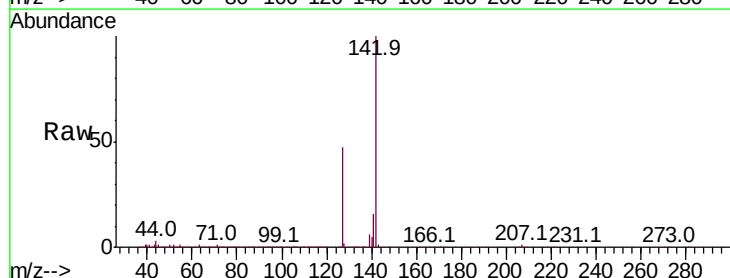
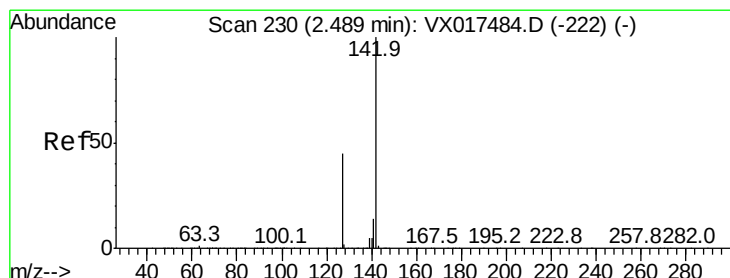
Tgt Ion:142 Resp: 113194

Ion Ratio Lower Upper

142 100

127 48.3 35.9 53.9

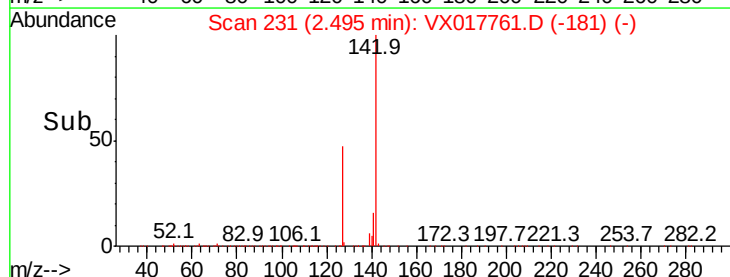
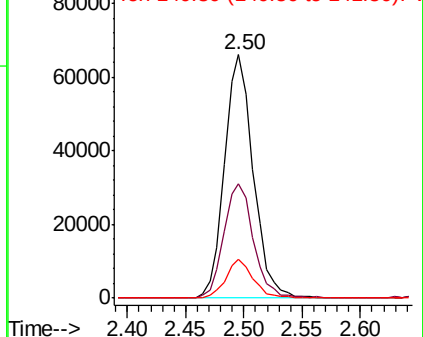
141 15.4 11.4 17.0

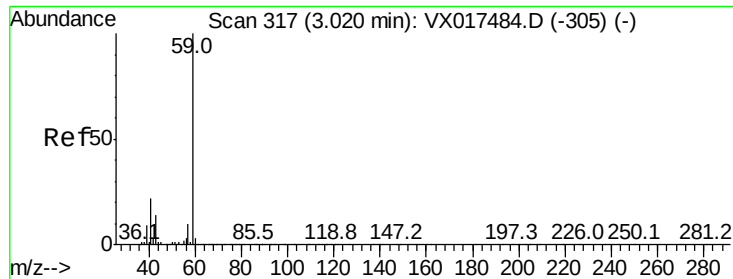


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



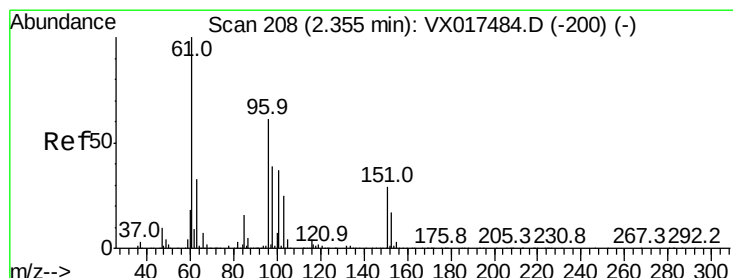
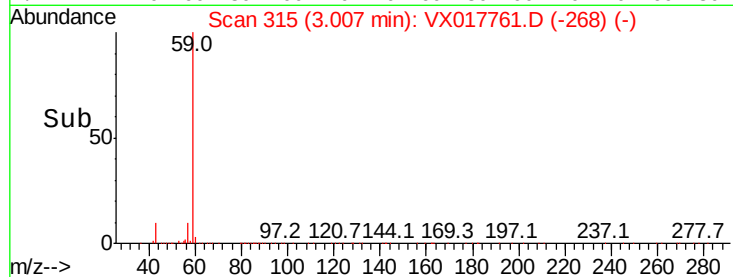
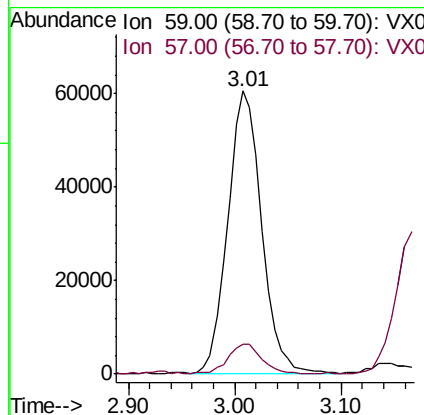
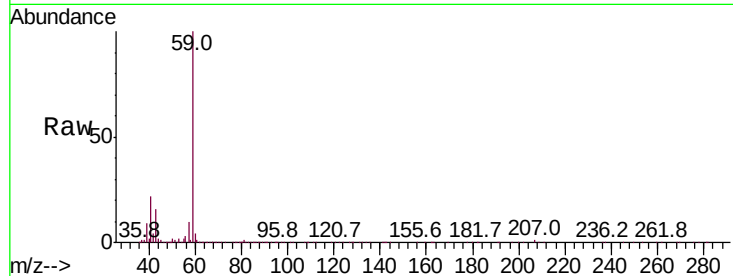


#11

Tert butyl alcohol
Concen: 98.501 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :

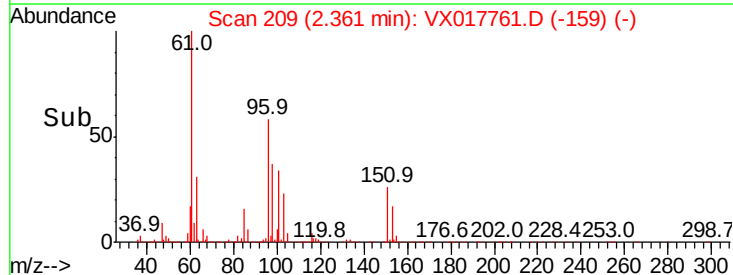
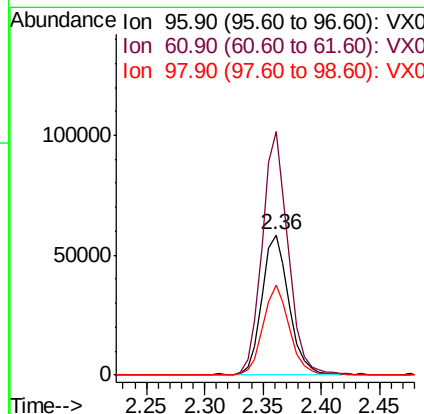
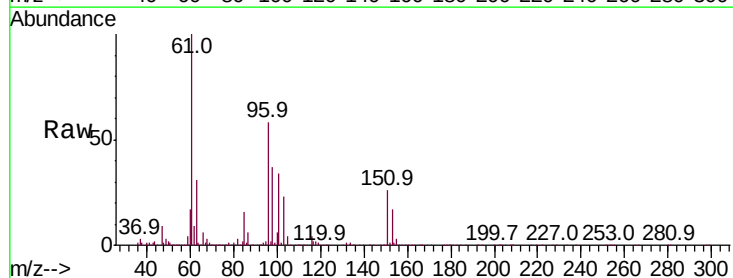
Tot Ion: 59 Resp: 133797
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

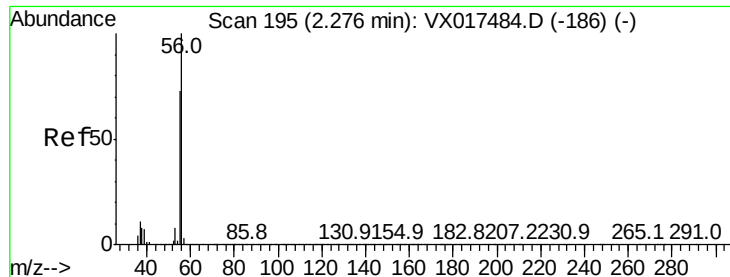


#12

1,1-Dichloroethene
Concen: 18.189 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion: 96 Resp: 94264
Ion Ratio Lower Upper
96 100
61 173.4 134.0 201.0
98 63.8 51.0 76.4

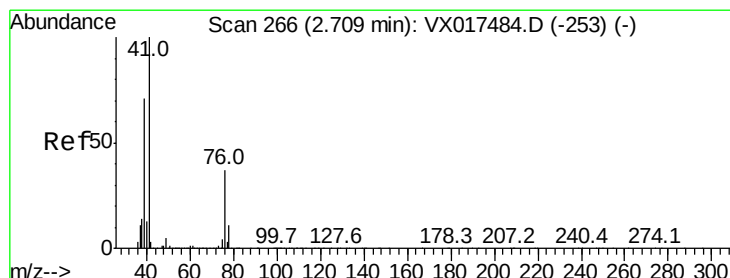
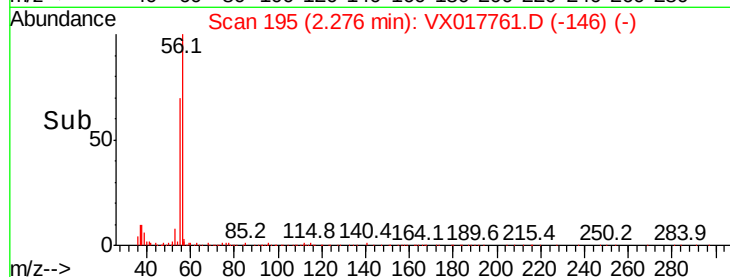
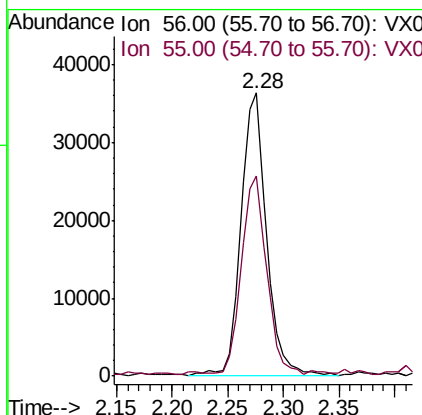
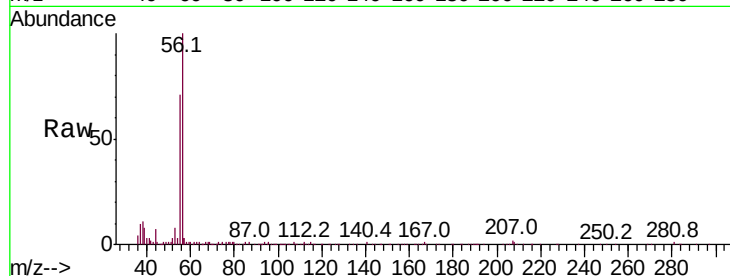




#13
 Acrolein
 Concen: 59.181 ug/l
 RT: 2.28 min Scan# 195
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

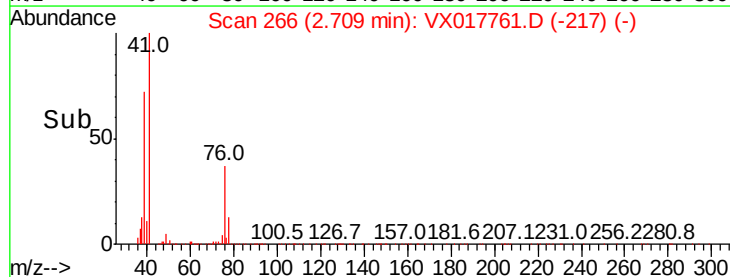
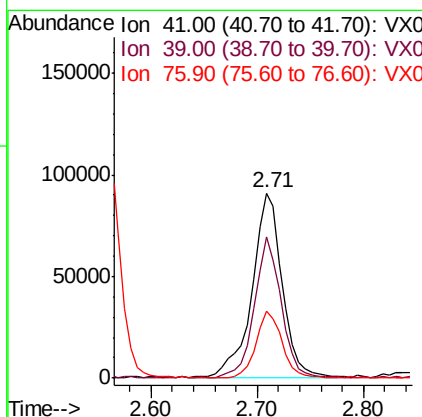
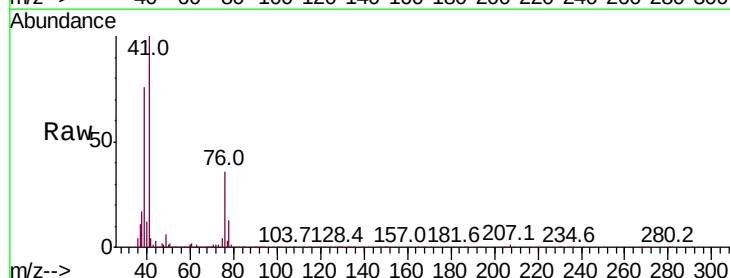
Instrument :
 MSVOA_X
 ClientSampleId :

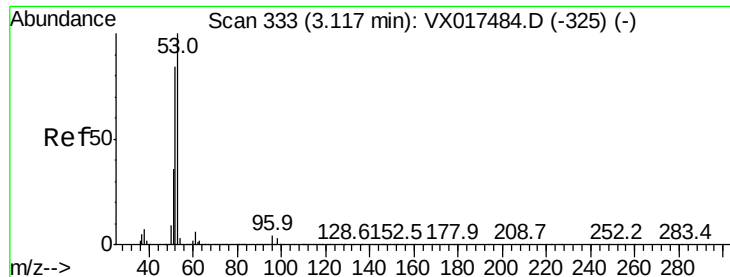
Tot Ion: 56 Resp: 58036
 Ion Ratio Lower Upper
 56 100
 55 68.3 57.4 86.2



#14
 Allyl chloride
 Concen: 18.953 ug/l
 RT: 2.71 min Scan# 266
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Tgt Ion: 41 Resp: 179347
 Ion Ratio Lower Upper
 41 100
 39 67.5 51.9 77.9
 76 31.2 25.5 38.3





#15

Acrylonitrile

Concen: 92.073 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

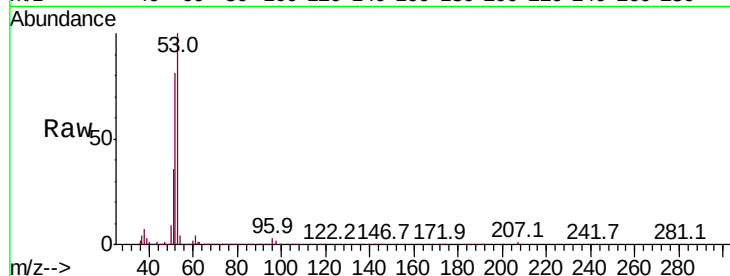
Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 270128

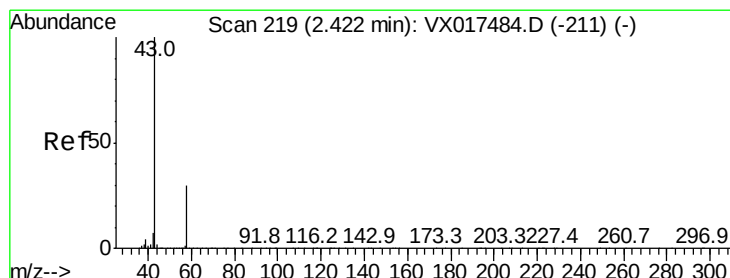
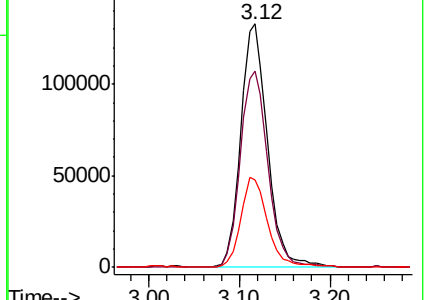
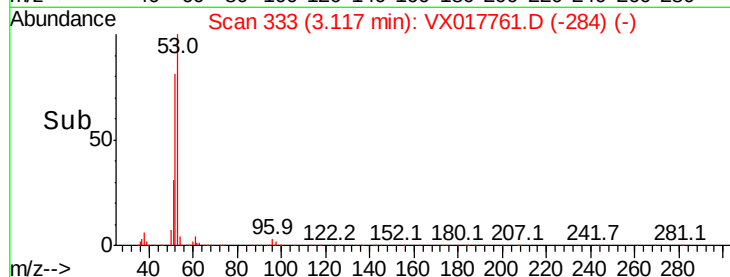
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.6	99.8
51	37.3	29.4	44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 98.659 ug/l

RT: 2.42 min Scan# 218

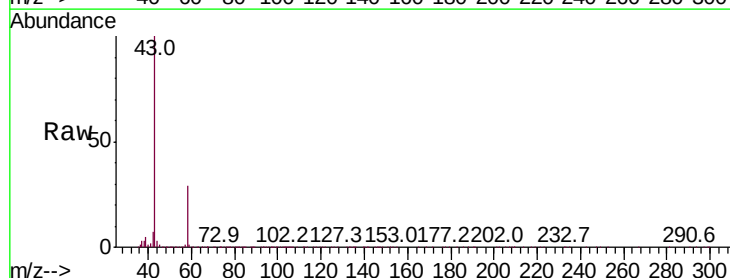
Delta R.T. -0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

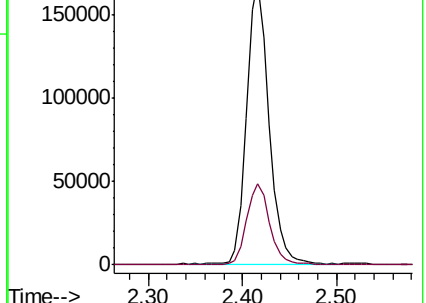
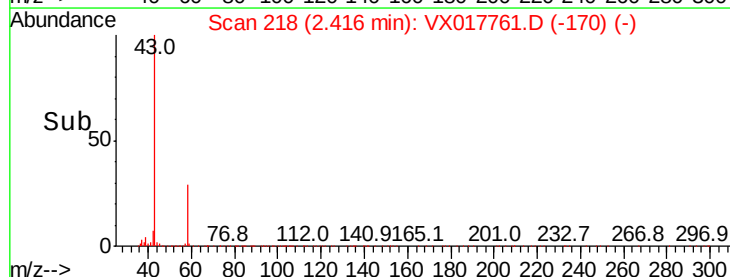
Tgt Ion: 43 Resp: 279862

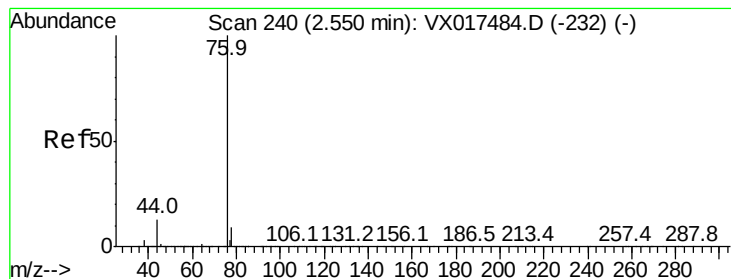
Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.2	36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.001 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

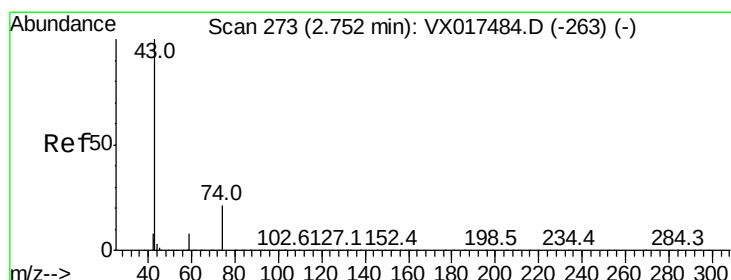
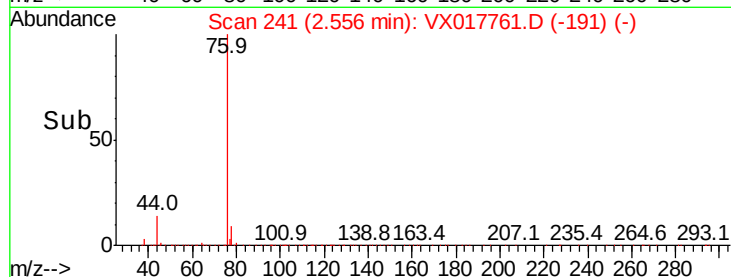
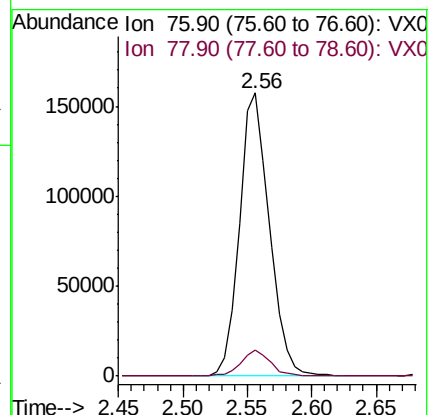
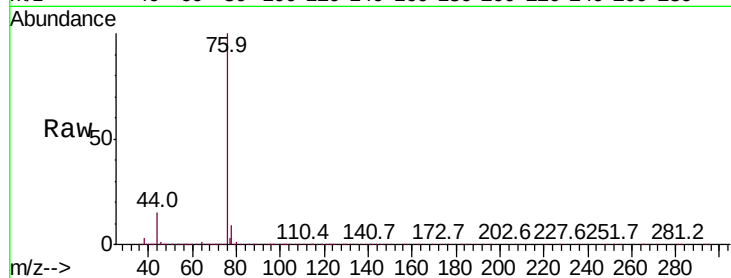
ClientSampleId :

Tot Ion: 76 Resp: 252051

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3



#18

Methyl Acetate

Concen: 21.604 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017761.D

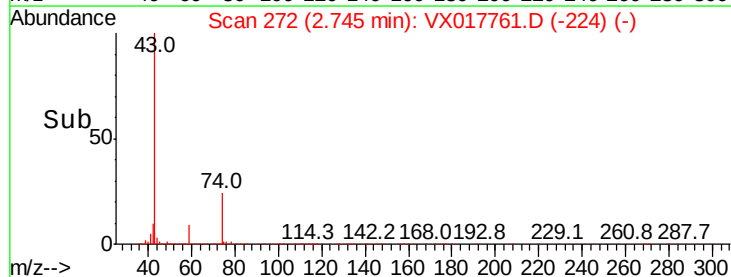
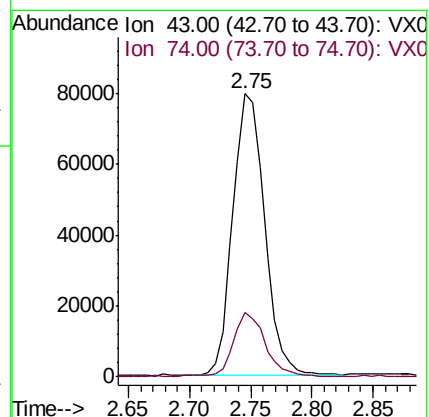
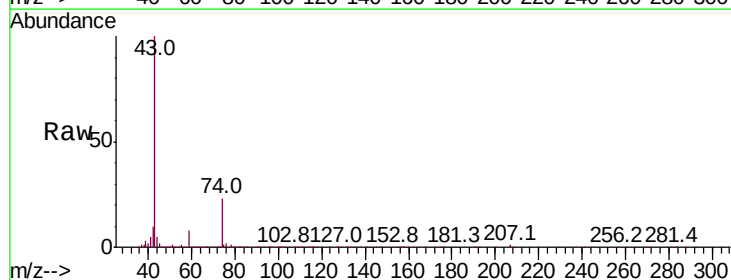
Acq: 04 Aug 2020 11:29

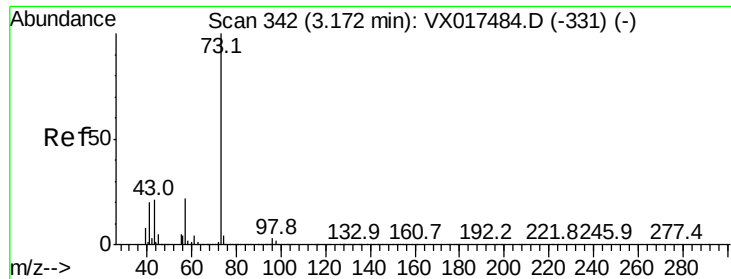
Tgt Ion: 43 Resp: 144329

Ion Ratio Lower Upper

43 100

74 23.3 17.5 26.3



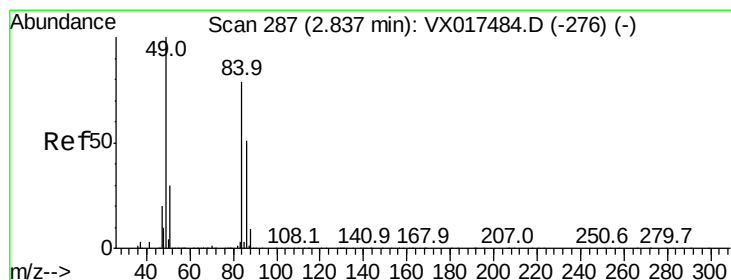
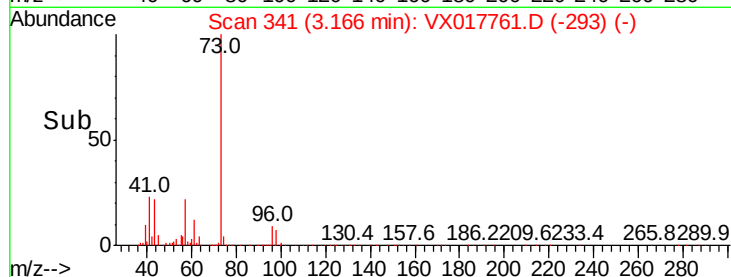
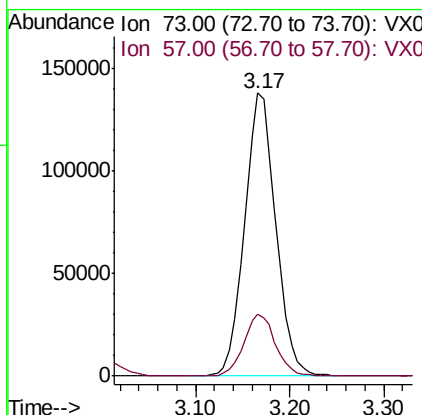
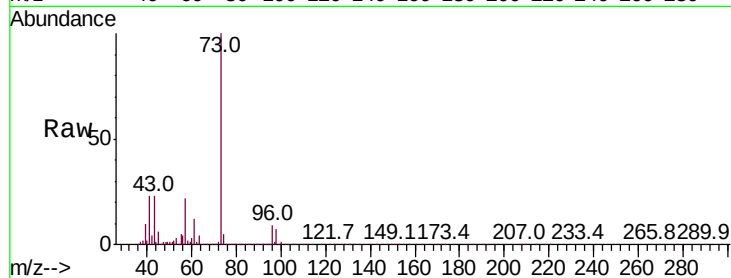


#19

Methyl tert-butyl Ether
 Concen: 17.864 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :

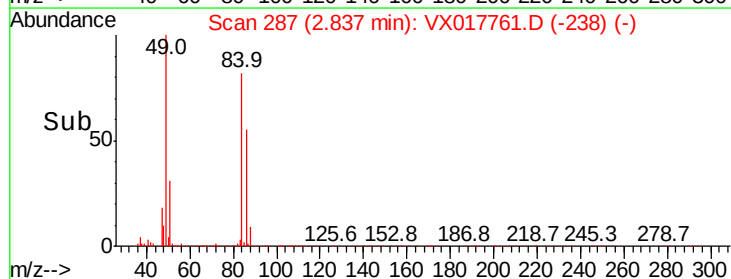
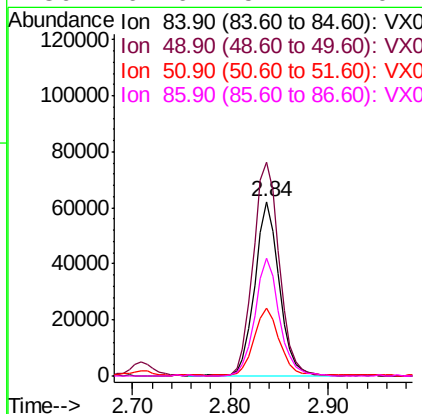
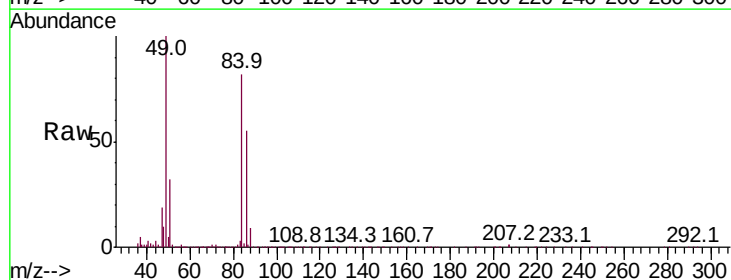
Tot Ion: 73 Resp: 320433
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.0 25.4

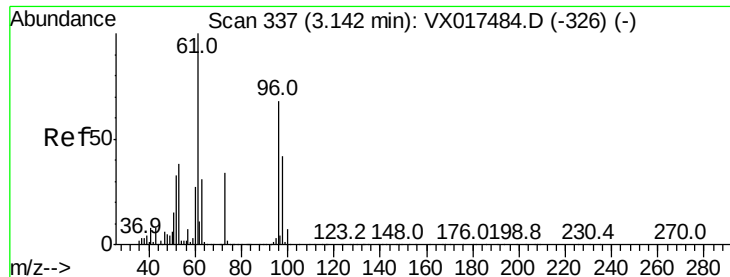


#20

Methylene Chloride
 Concen: 19.736 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Tgt Ion: 84 Resp: 109592
 Ion Ratio Lower Upper
 84 100
 49 122.1 100.3 150.5
 51 38.5 30.5 45.7
 86 67.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.846 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

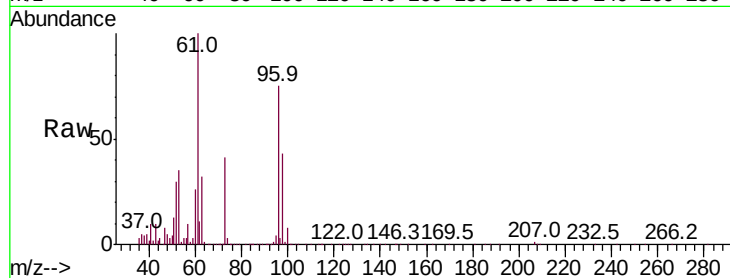
Tot Ion: 96 Resp: 99077

Ion	Ratio	Lower	Upper
96	100		
61	133.5	113.0	169.4
98	57.3	51.8	77.8

96 100

61 133.5 113.0 169.4

98 57.3 51.8 77.8

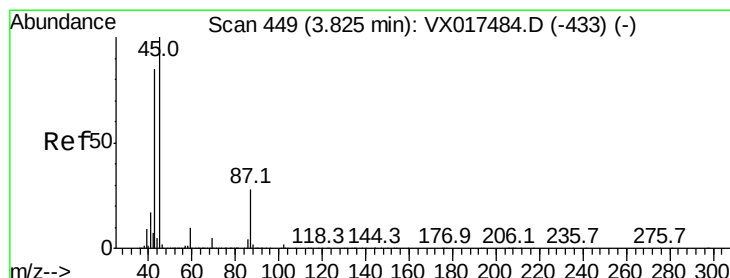
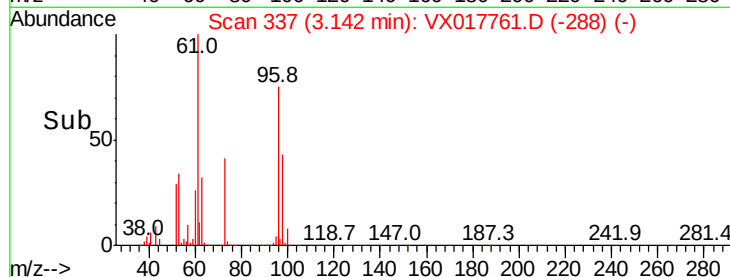
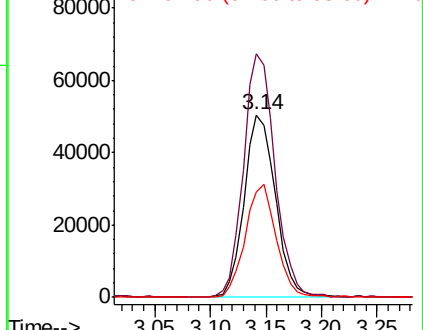


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.214 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Tgt Ion: 45 Resp: 332454

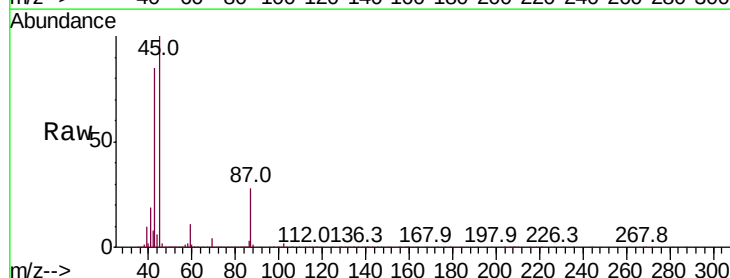
Ion	Ratio	Lower	Upper
45	100		
43	84.6	52.0	78.0#
87	27.5	22.2	33.4
59	10.7	8.9	13.3

45 100

43 84.6 52.0 78.0#

87 27.5 22.2 33.4

59 10.7 8.9 13.3



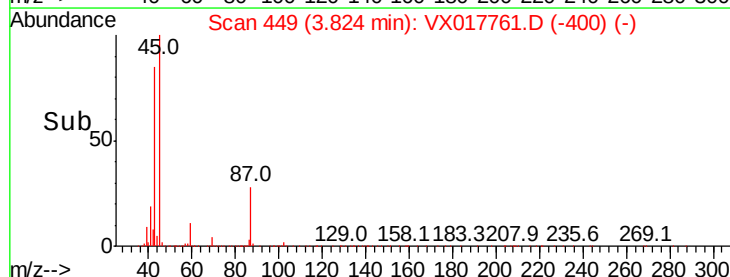
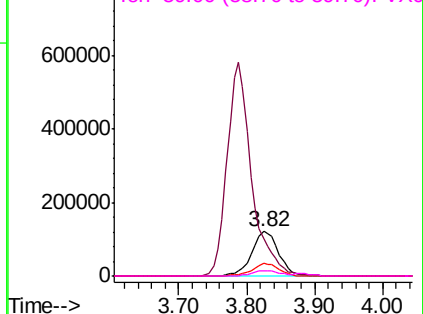
Abundance

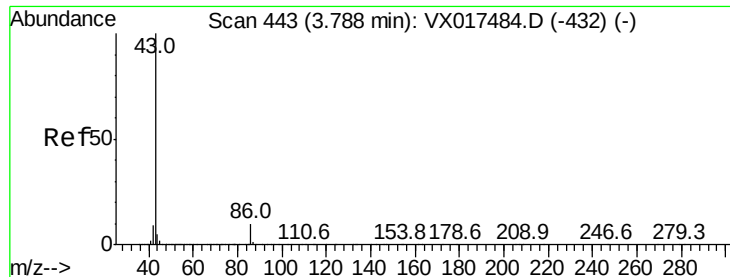
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 94.211 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

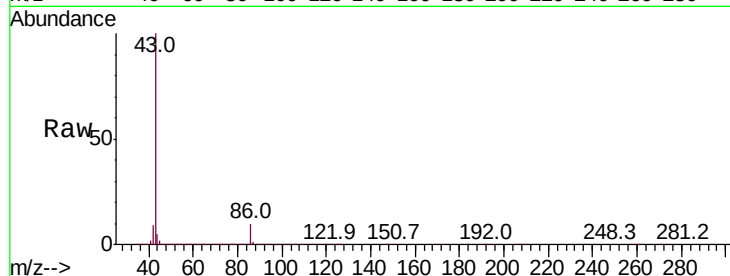
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1453422

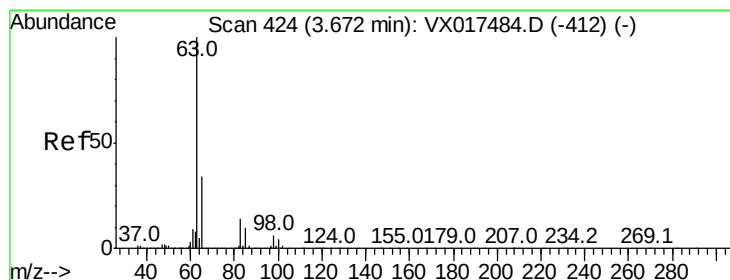
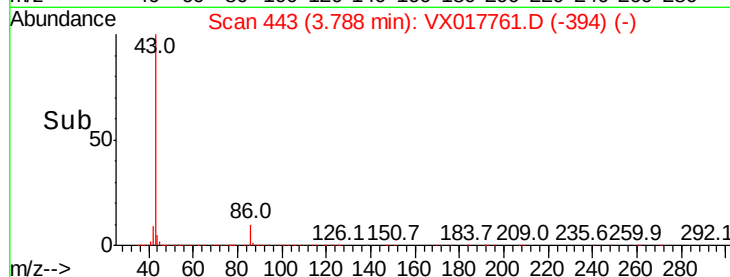
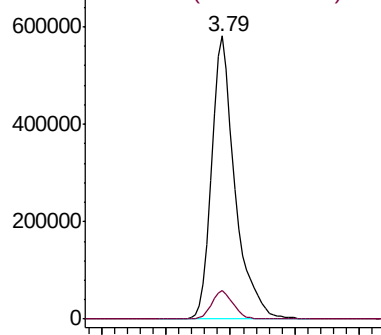
Ion Ratio Lower Upper

43 100

86 9.9 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: 19.036 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

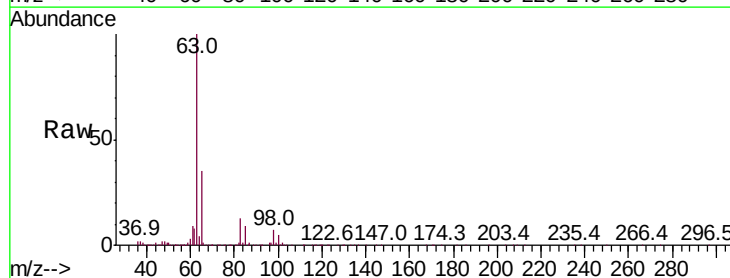
Tgt Ion: 63 Resp: 189735

Ion Ratio Lower Upper

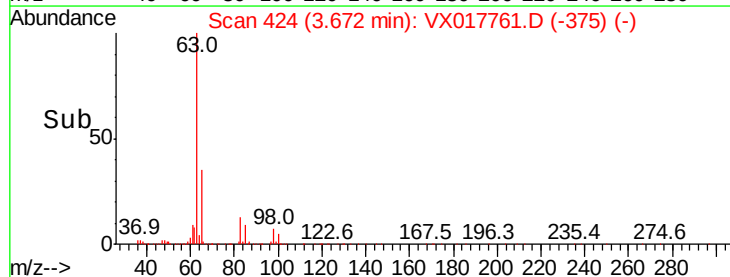
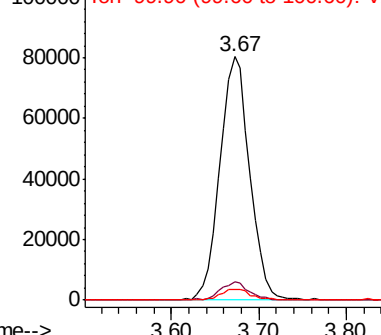
63 100

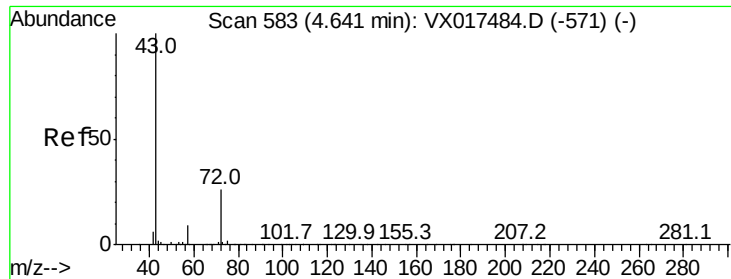
98 7.3 3.4 10.1

100 4.6 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

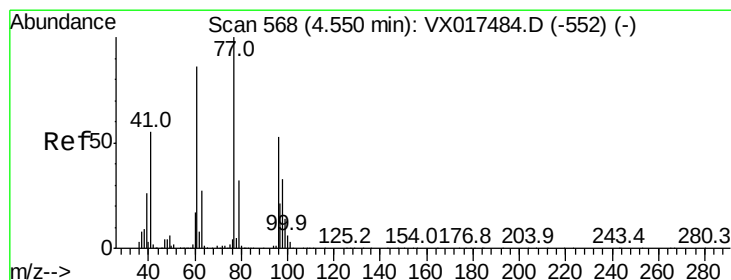
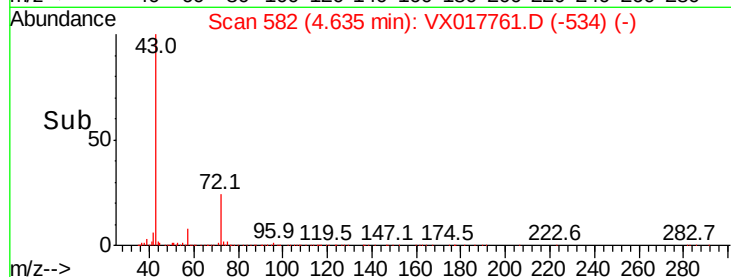
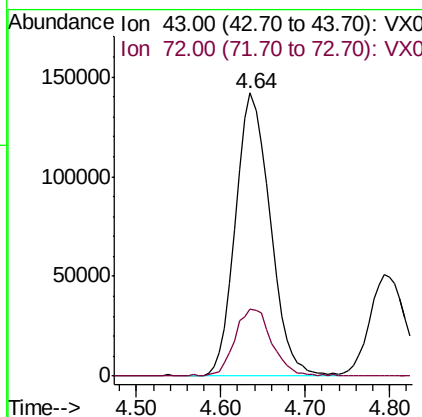
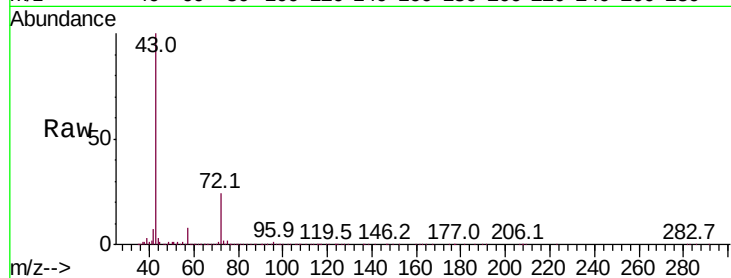




#25
2-Butanone
Concen: 98.143 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

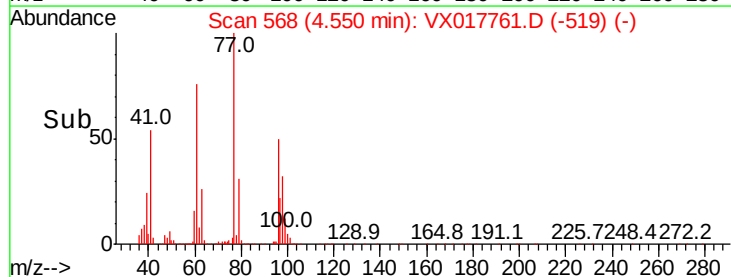
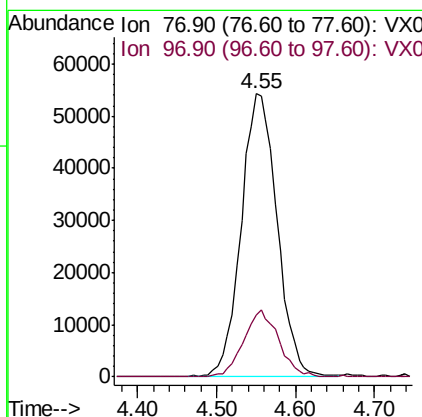
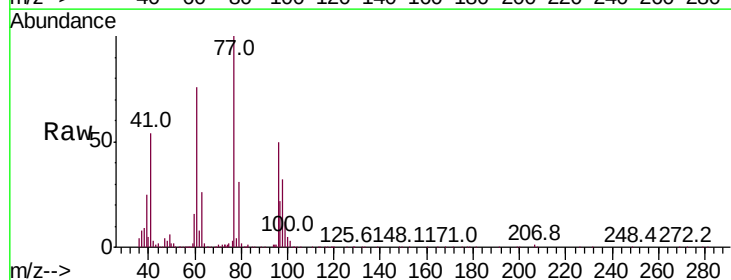
Instrument :
MSVOA_X
ClientSampleId :

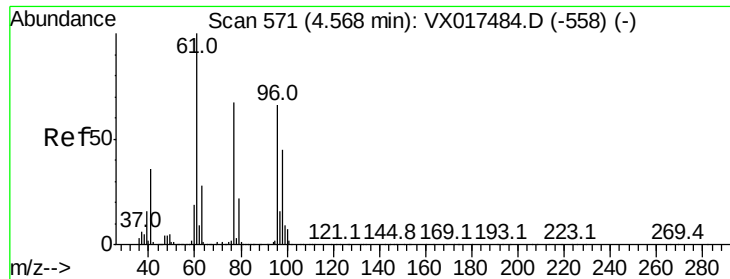
Tot Ion: 43 Resp: 395494
Ion Ratio Lower Upper
43 100
72 23.6 19.0 28.4



#26
2,2-Dichloropropane
Concen: 19.146 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion: 77 Resp: 170824
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9



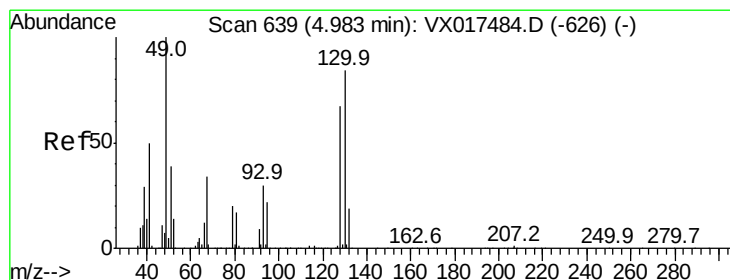
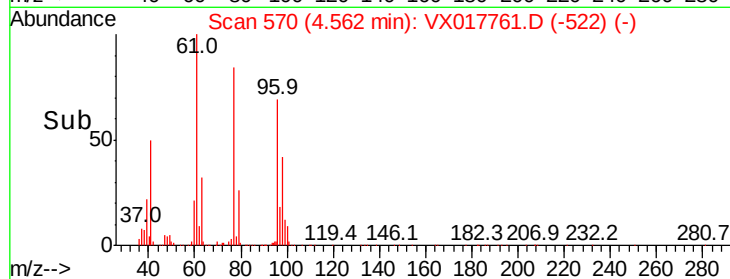
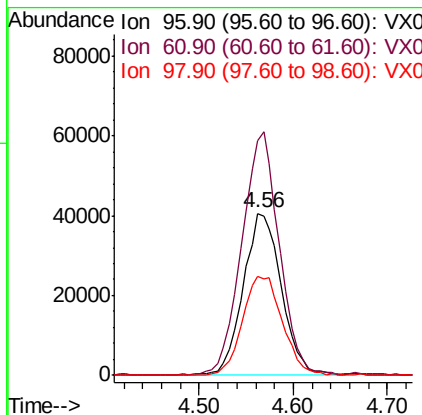
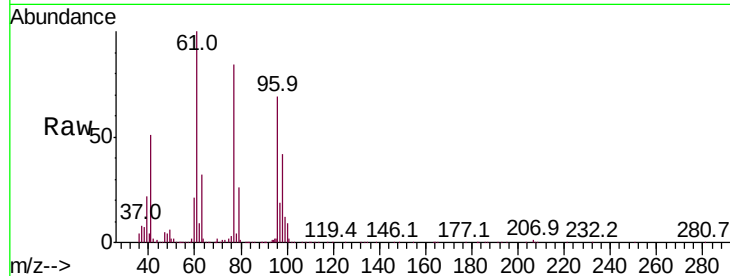


#27

cis-1,2-Dichloroethene
Concen: 19.086 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :

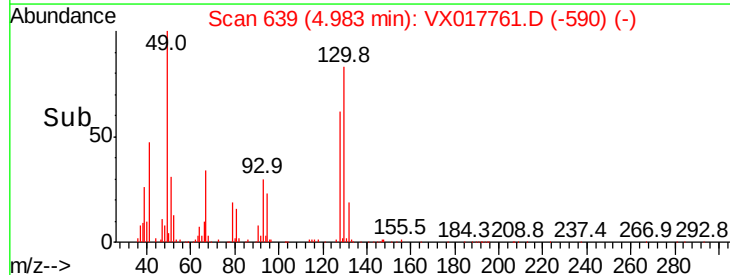
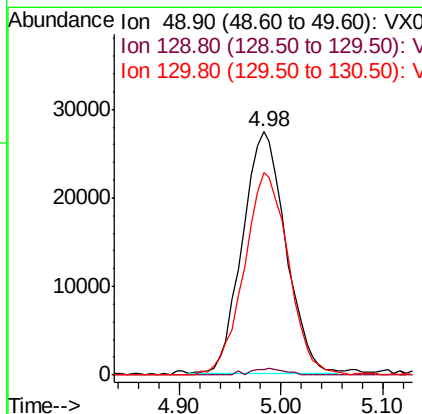
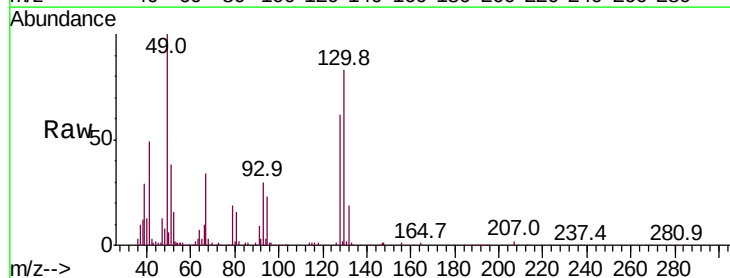
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	301.2
98	64.3	0.0	130.0

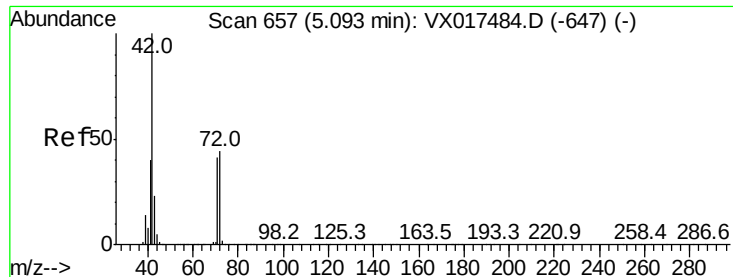


#28

Bromochloromethane
Concen: 17.908 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	85.3	66.7	100.1

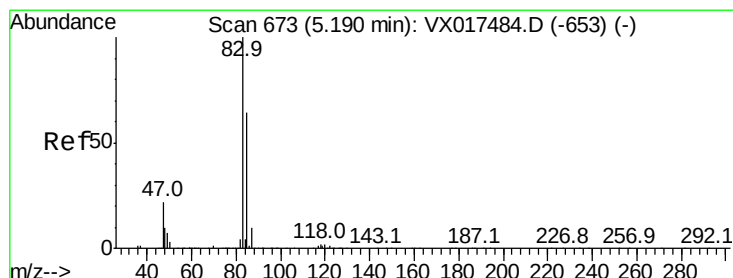
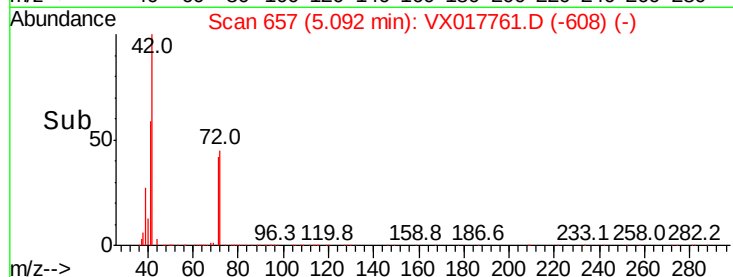
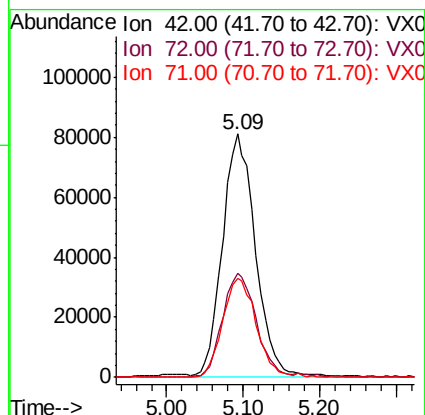
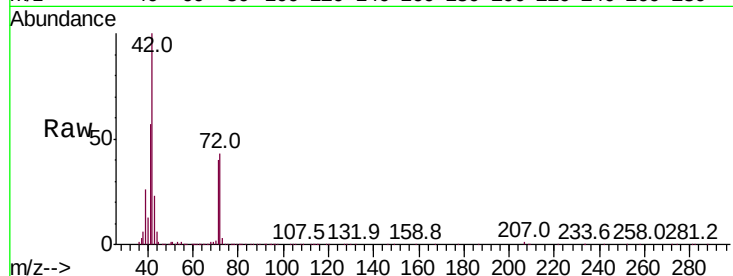




#29
Tetrahydrofuran
Concen: 96.438 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

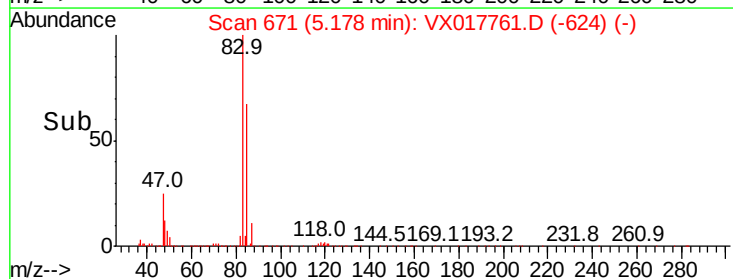
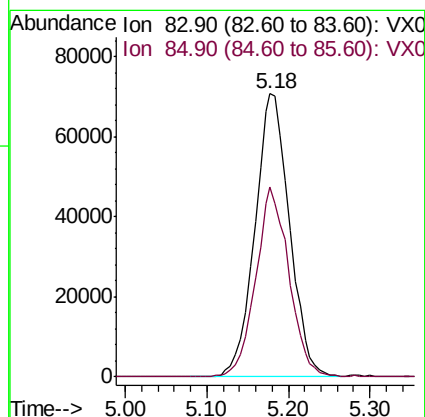
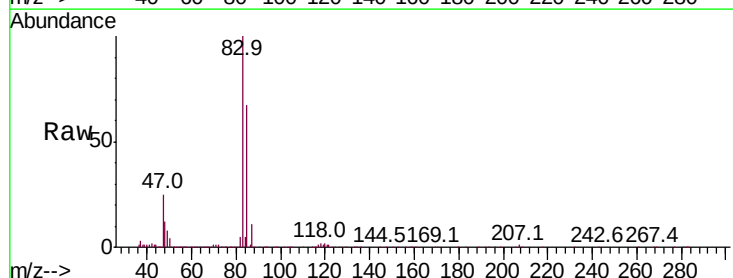
Instrument :
MSVOA_X
ClientSampled :

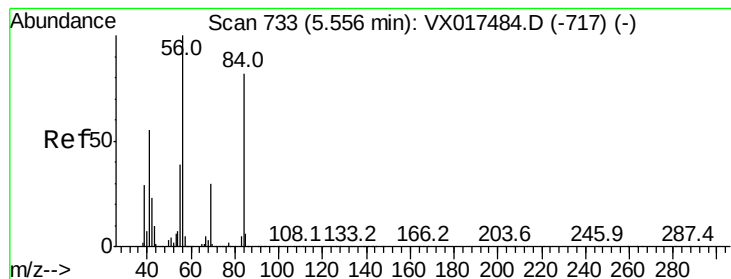
Tot Ion: 42 Resp: 240723
Ion Ratio Lower Upper
42 100
72 45.0 35.5 53.3
71 40.8 33.0 49.4



#30
Chloroform
Concen: 20.484 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion: 83 Resp: 208619
Ion Ratio Lower Upper
83 100
85 67.1 51.4 77.2





#31

Cyclohexane

Concen: 17.843 ug/l

RT: 5.56 min Scan# 733

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

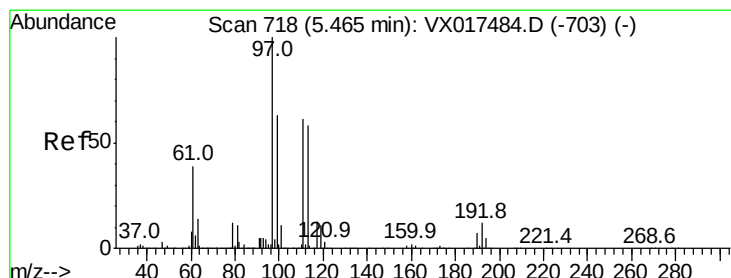
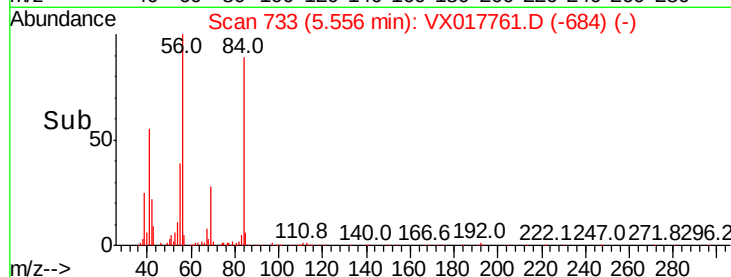
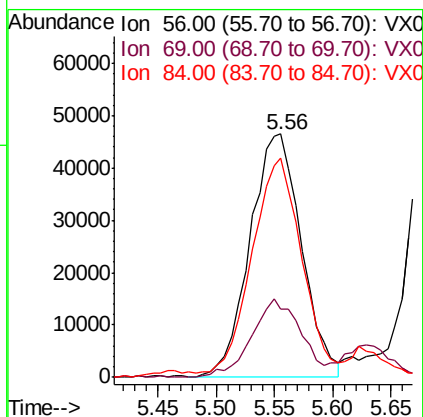
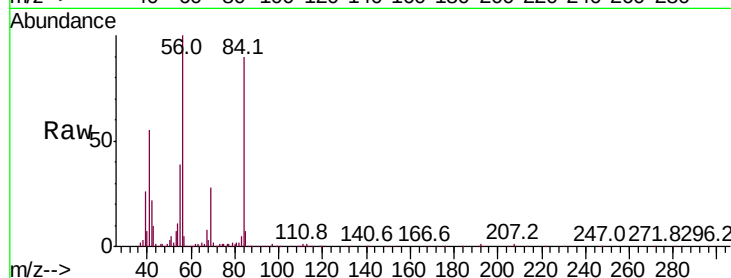
Tot Ion: 56 Resp: 141826

Ion Ratio Lower Upper

56 100

69 28.2 24.2 36.4

84 87.9 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 19.556 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

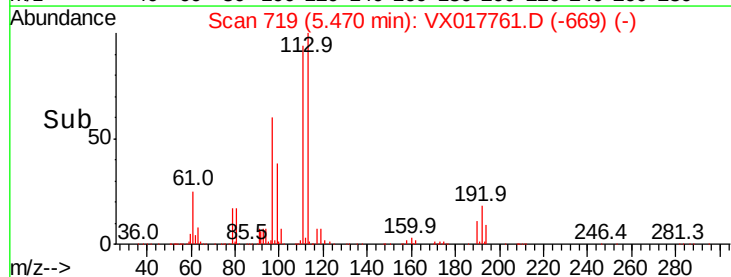
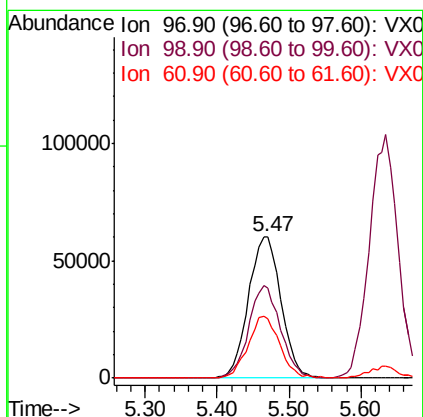
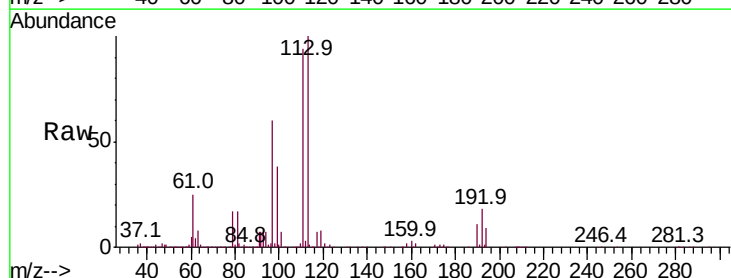
Tgt Ion: 97 Resp: 187810

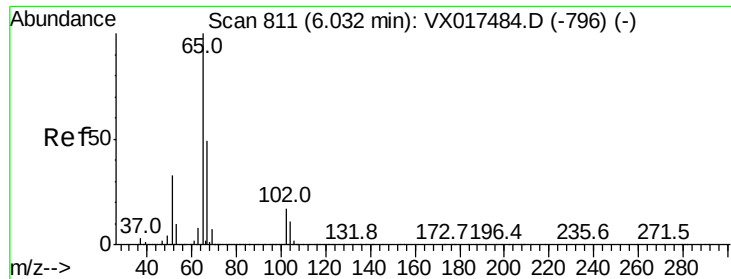
Ion Ratio Lower Upper

97 100

99 63.9 51.9 77.9

61 42.4 34.1 51.1

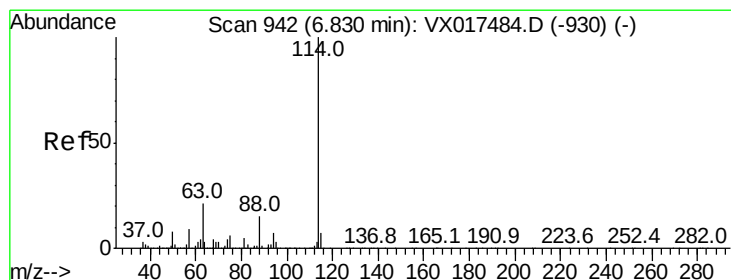
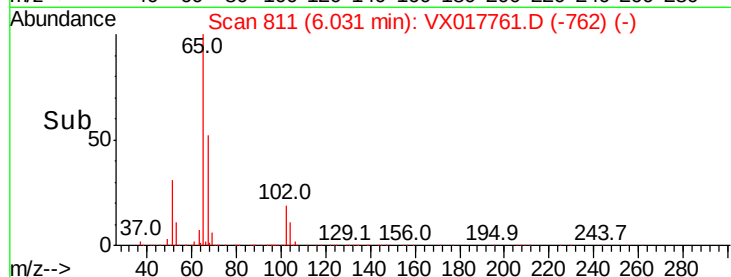
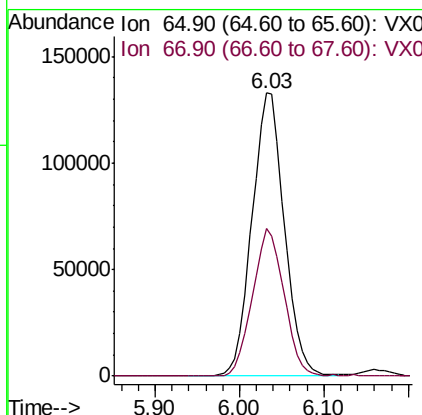
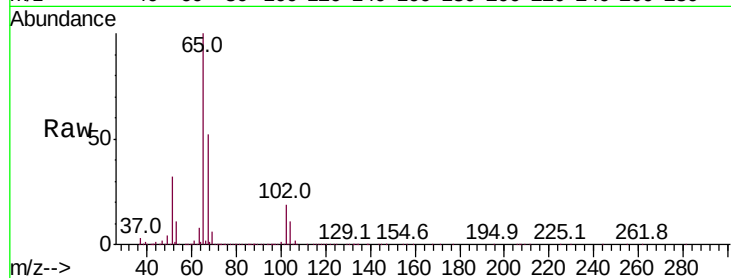




#33
 1,2-Dichloroethane-d4
 Concen: 53.950 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

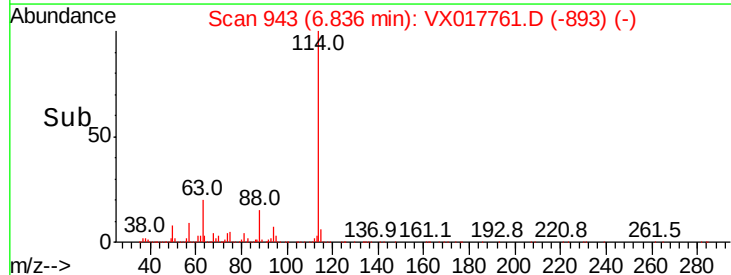
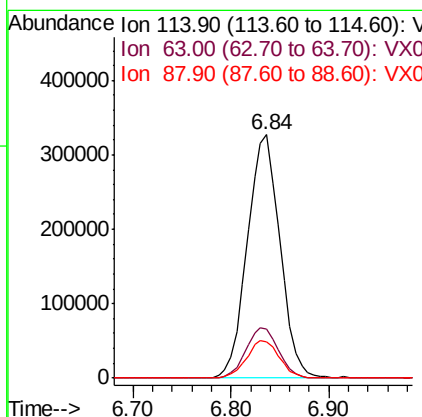
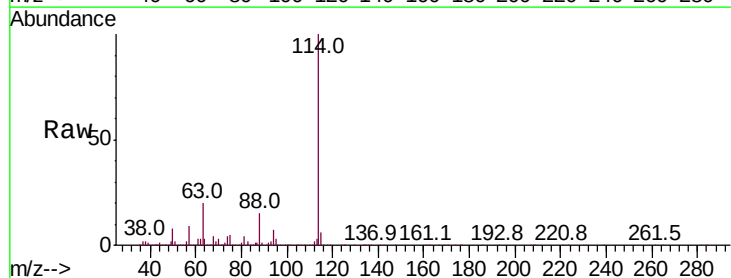
Instrument :
 MSVOA_X
 ClientSampleId :

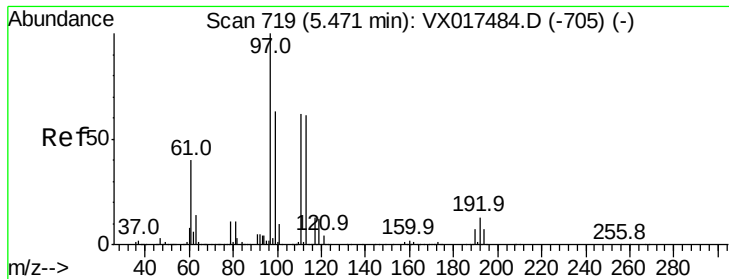
Tot Ion: 65 Resp: 347707
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Tgt Ion: 114 Resp: 761540
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.6
 88 15.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.355 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

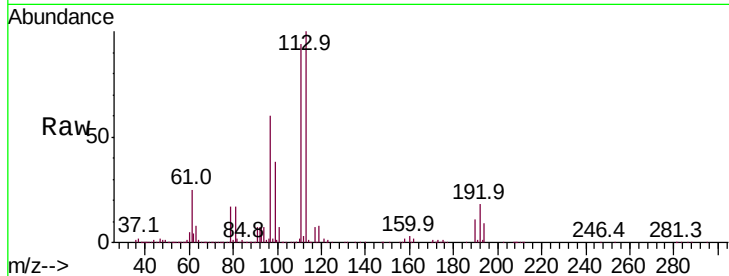
Tot Ion:113 Resp: 271748

Ion Ratio Lower Upper

113 100

111 103.5 80.7 121.1

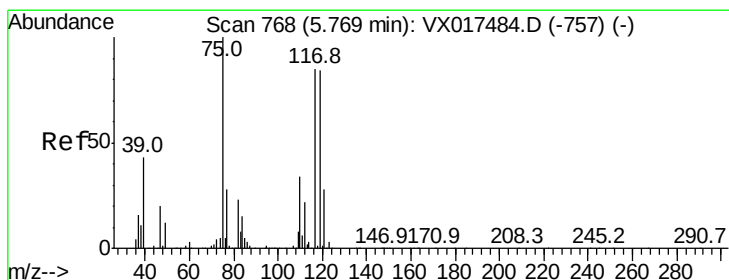
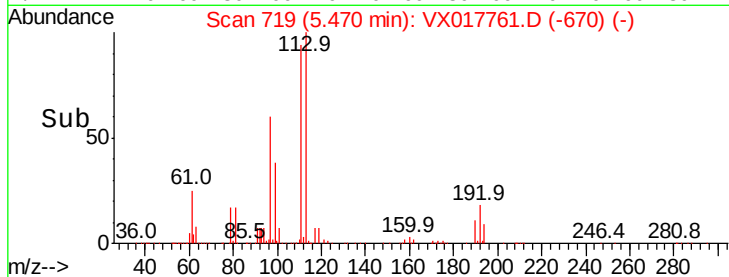
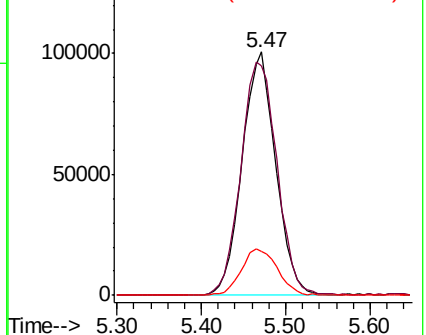
192 20.5 16.9 25.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.961 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

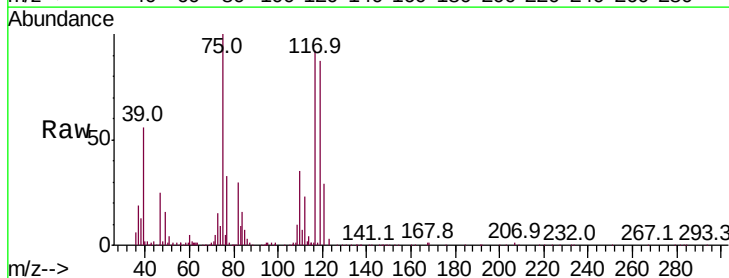
Tgt Ion: 75 Resp: 138487

Ion Ratio Lower Upper

75 100

110 35.4 18.1 54.3

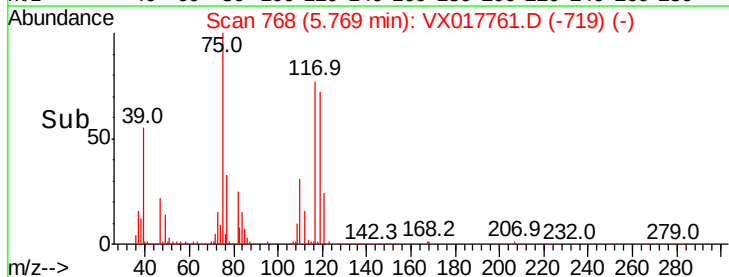
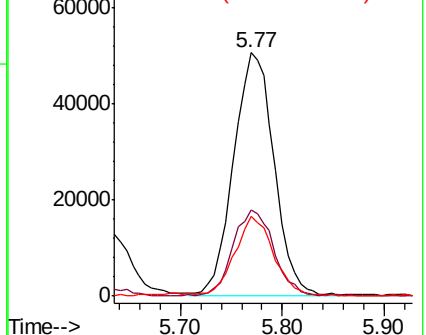
77 31.5 24.6 37.0

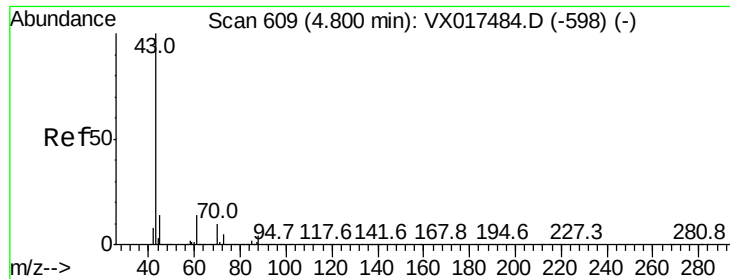


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

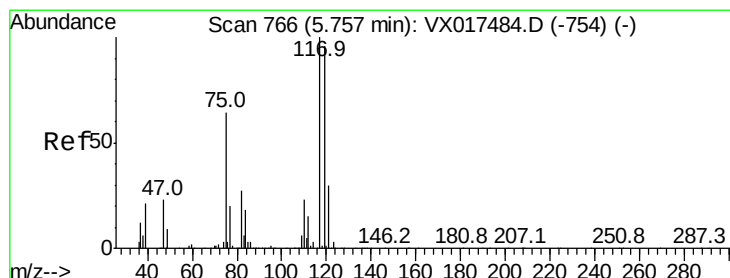
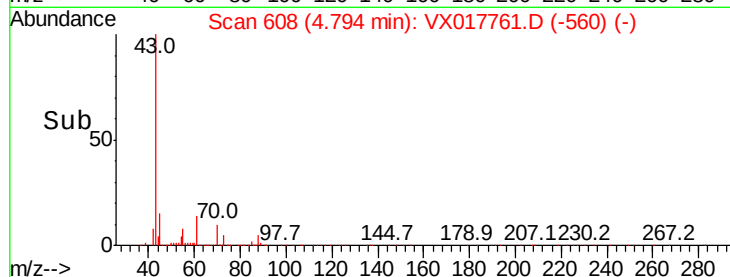
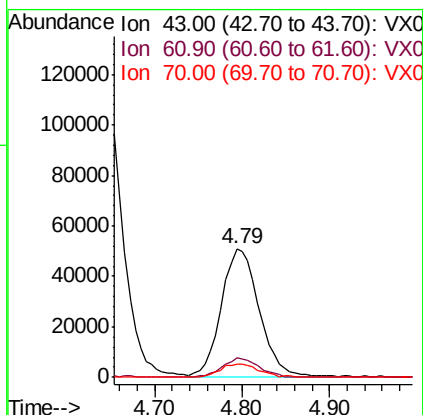
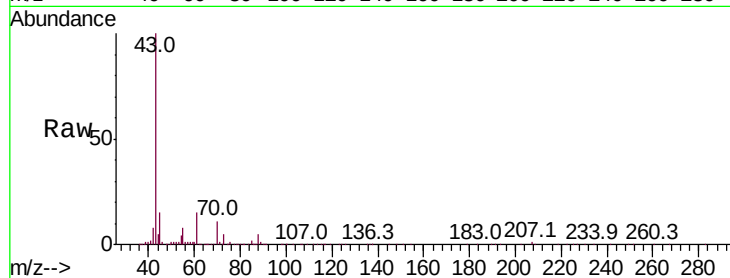




#37
Ethyl Acetate
Concen: 18.904 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

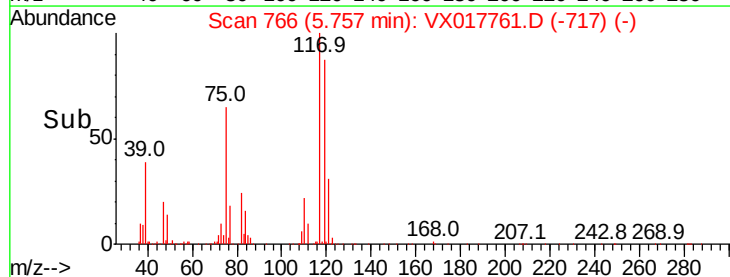
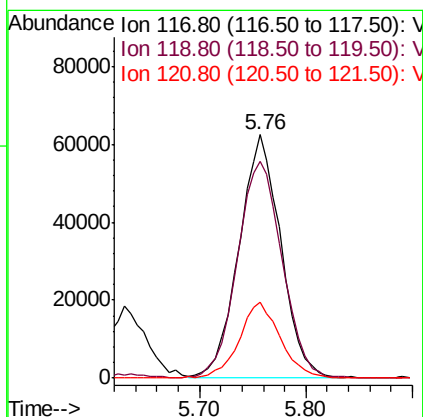
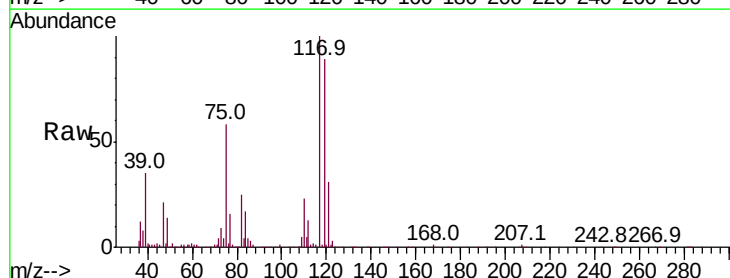
Instrument :
MSVOA_X
ClientSampleId :

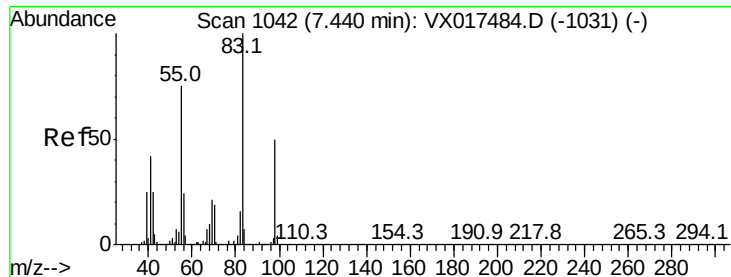
Tot Ion: 43 Resp: 151071
Ion Ratio Lower Upper
43 100
61 14.1 10.7 16.1
70 11.3 8.5 12.7



#38
Carbon Tetrachloride
Concen: 19.328 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion: 117 Resp: 171429
Ion Ratio Lower Upper
117 100
119 88.2 75.4 113.0
121 31.0 24.3 36.5

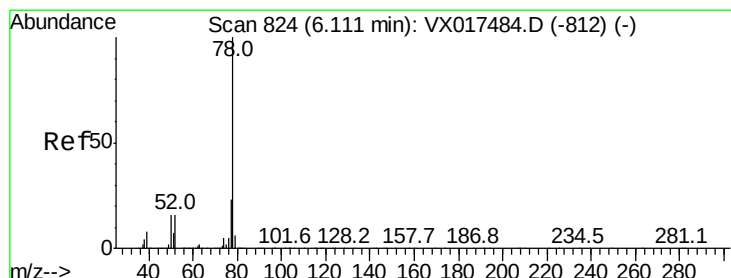
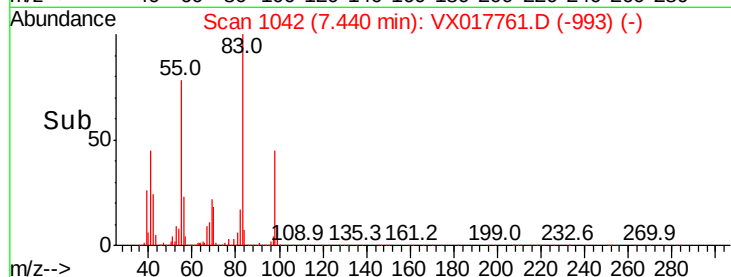
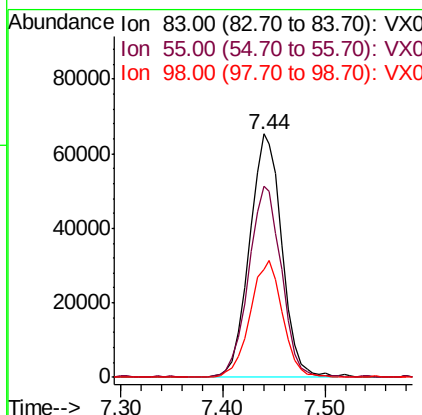
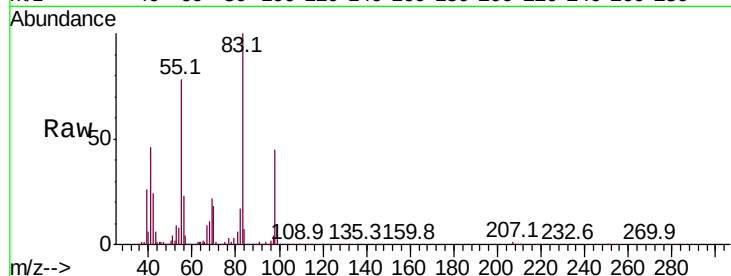




#39
Methylvlcyclohexane
Concen: 16.855 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

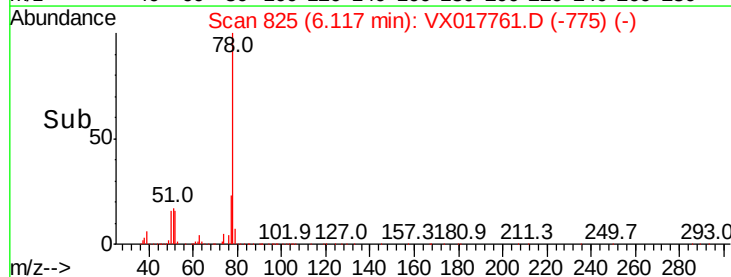
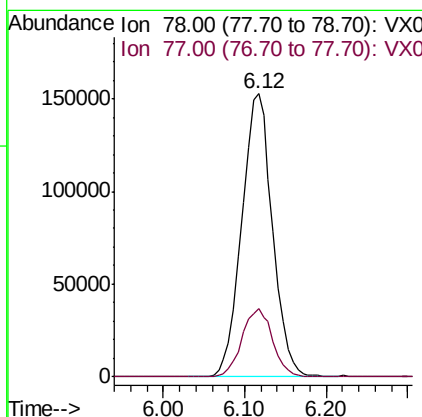
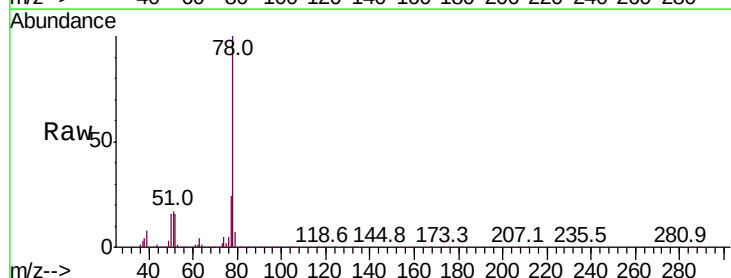
Instrument :
MSVOA_X
ClientSampleId :

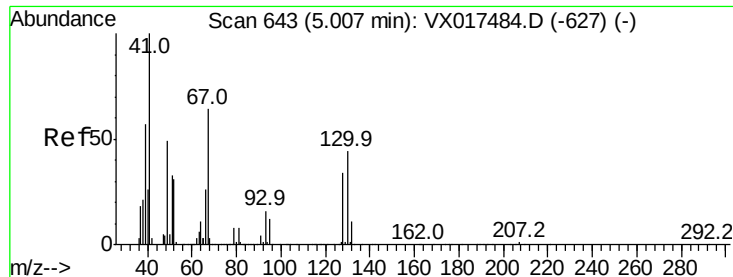
Tot Ion: 83 Resp: 143711
Ion Ratio Lower Upper
83 100
55 78.1 61.8 92.8
98 44.4 36.9 55.3



#40
Benzene
Concen: 19.005 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion: 78 Resp: 397953
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.2

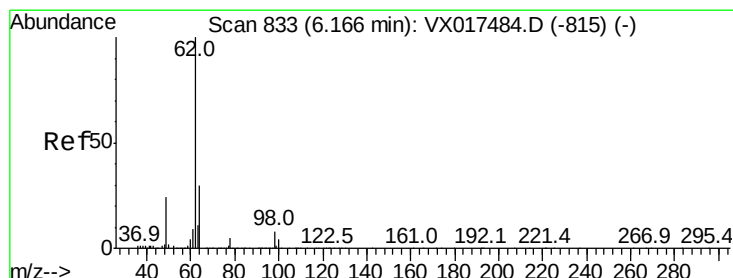
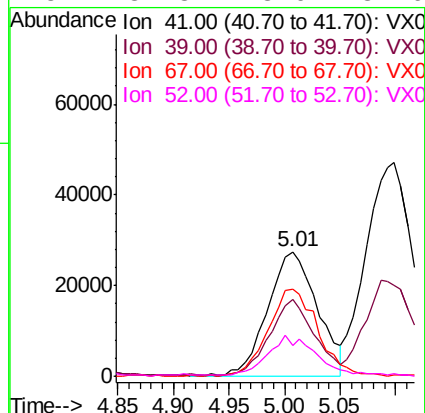
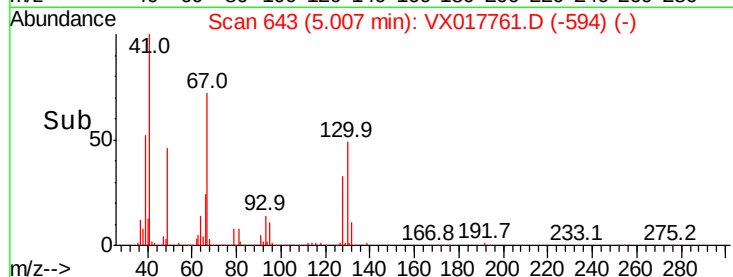
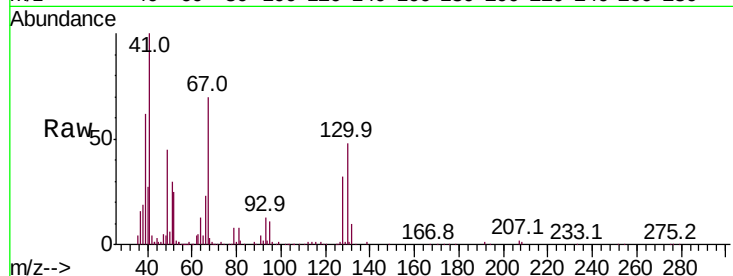




#41
Methacrylonitrile
Concen: 18.669 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

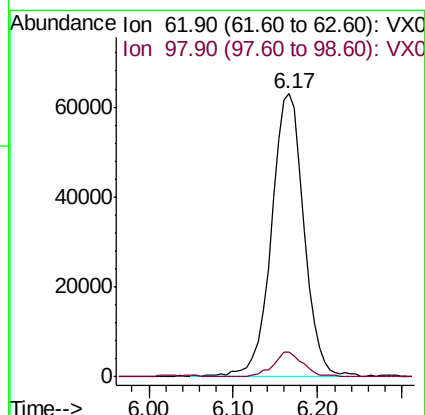
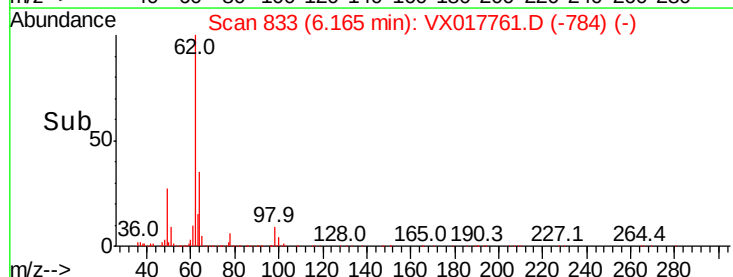
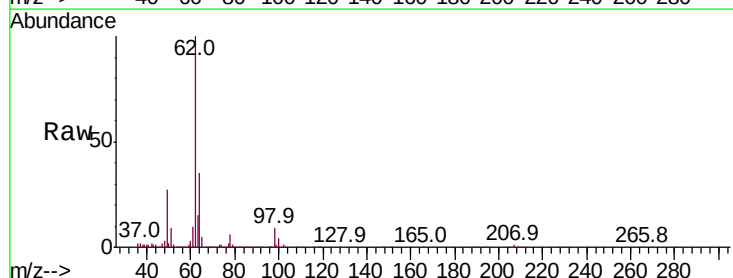
Instrument :
MSVOA_X
ClientSampled :

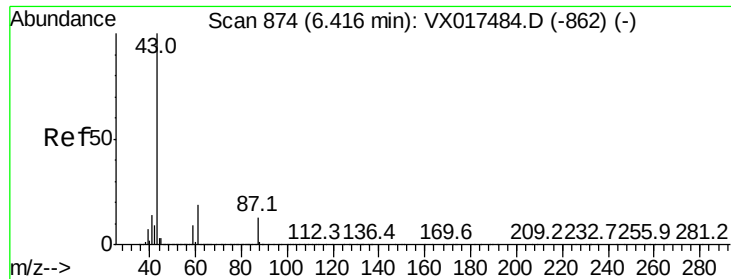
Tot Ion:	41	Resp:	85515
Ion	Ratio	Lower	Upper
41	100		
39	55.9	43.9	65.9
67	69.8	54.0	81.0
52	31.8	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.631 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion:	62	Resp:	168171
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.0

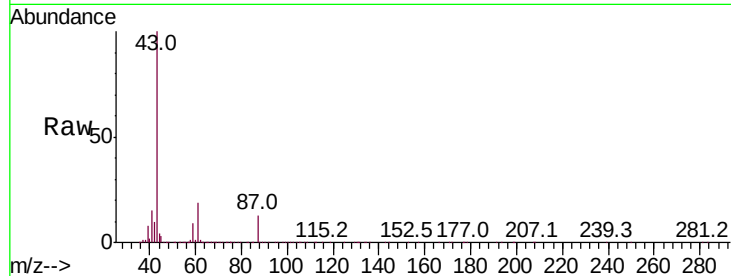




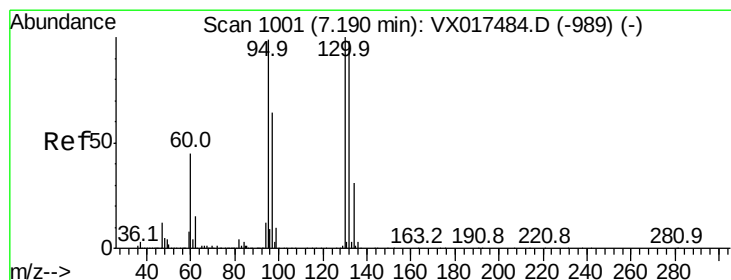
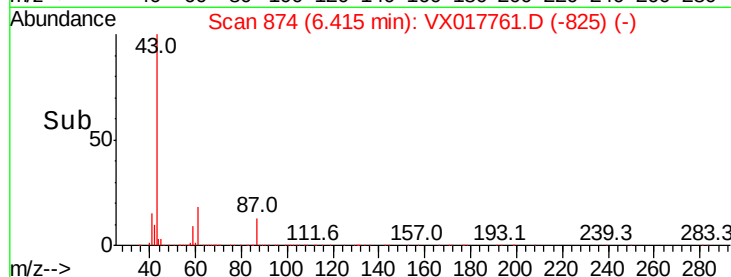
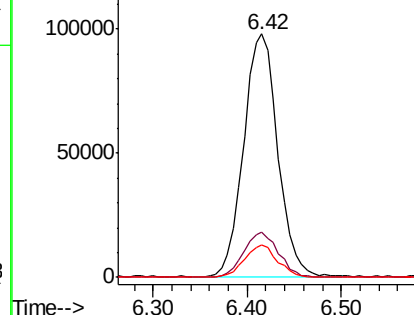
#43
Isopropyl Acetate
Concen: 18.807 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.5	23.3
87	12.9	10.5	15.7

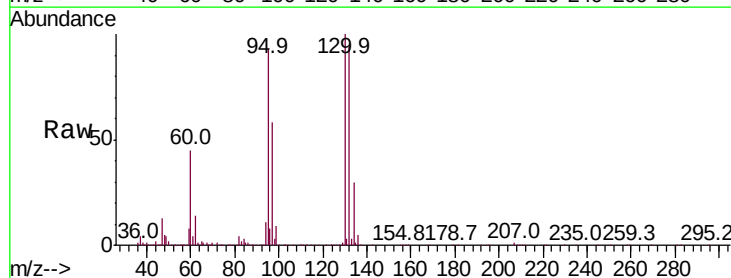


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

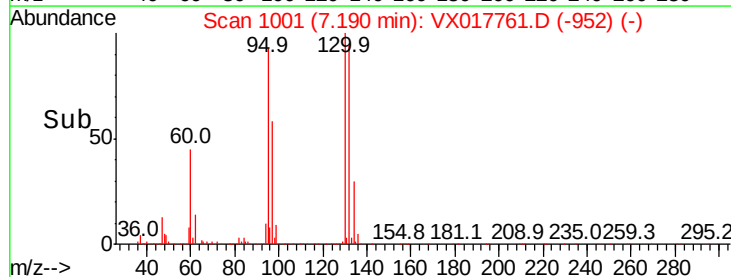
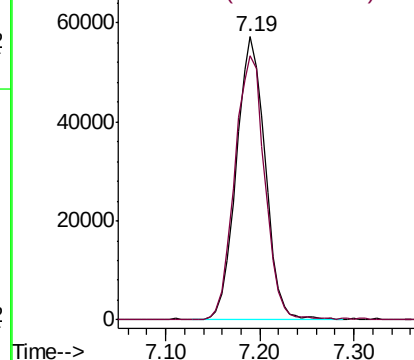


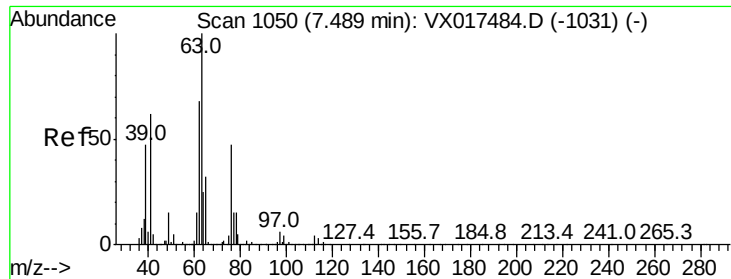
#44
Trichloroethene
Concen: 19.938 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	189.0



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





#45

1,2-Dichloropropane

Concen: 19.133 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

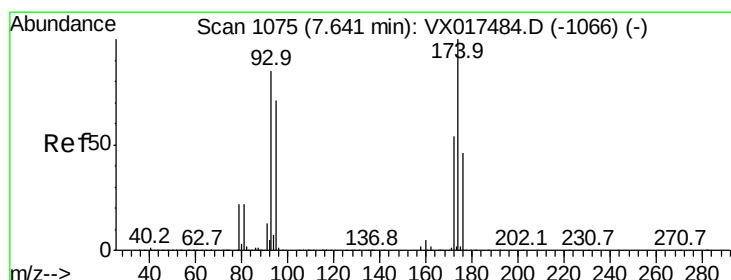
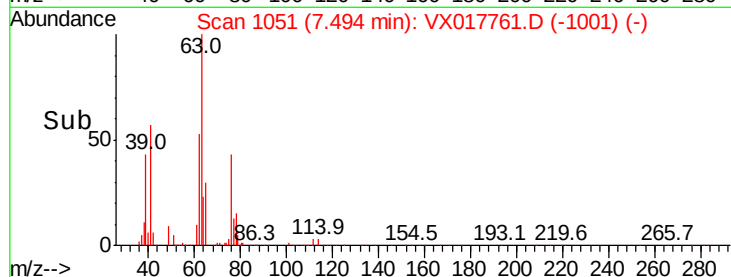
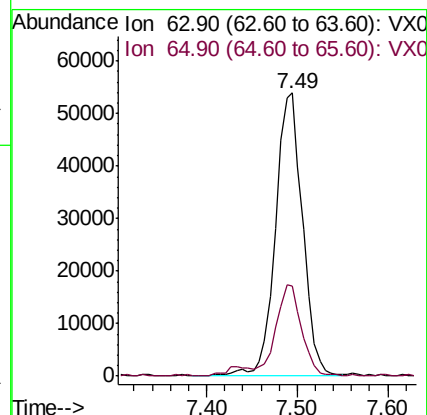
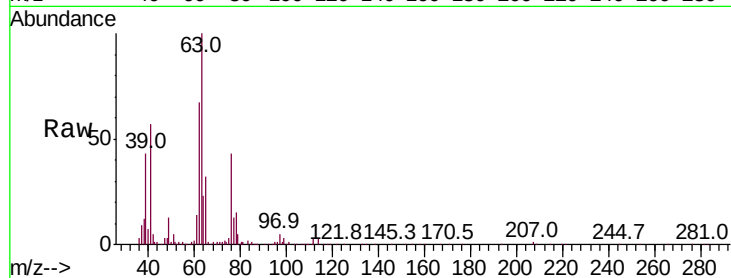
ClientSampleId :

Tot Ion: 63 Resp: 111062

Ion Ratio Lower Upper

63 100

65 31.6 24.5 36.7



#46

Dibromomethane

Concen: 19.007 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

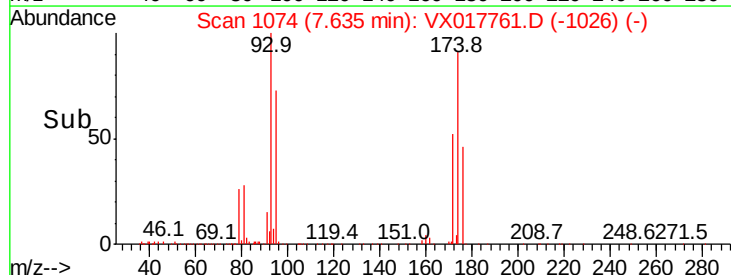
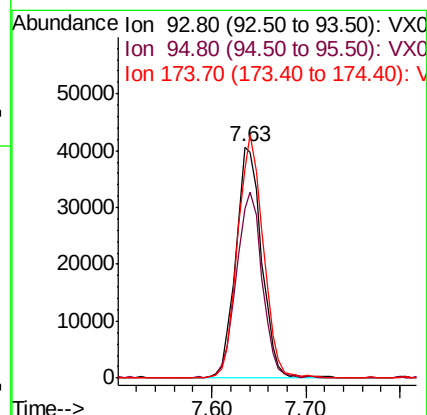
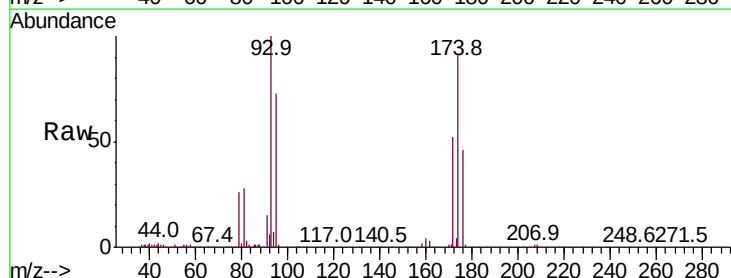
Tgt Ion: 93 Resp: 77972

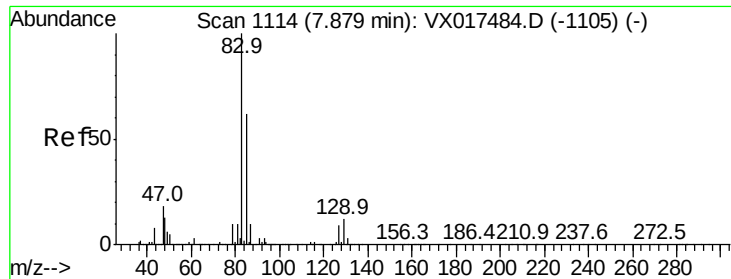
Ion Ratio Lower Upper

93 100

95 80.2 66.6 99.8

174 104.2 87.0 130.6





#47

Bromodichloromethane

Concen: 19.385 ug/l

RT: 7.87 min Scan# 1113

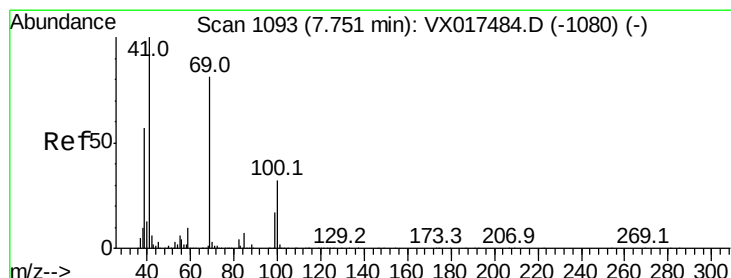
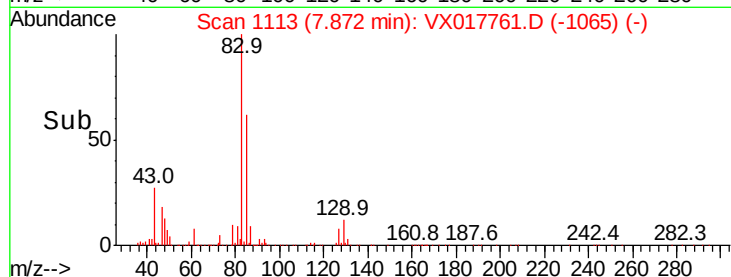
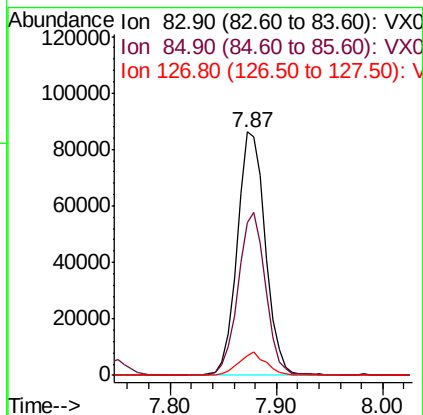
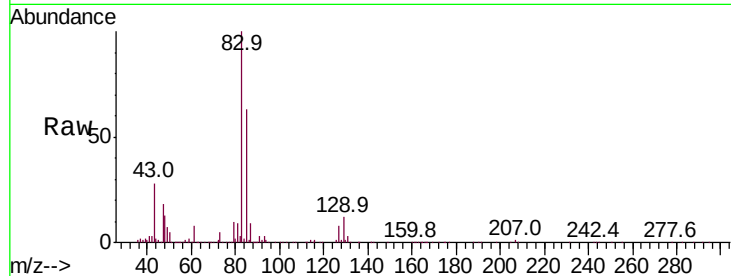
Delta R.T. -0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	83	Resp:	160015
Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.8	77.8
127	8.1	7.4	11.2



#48

Methyl methacrylate

Concen: 17.872 ug/l

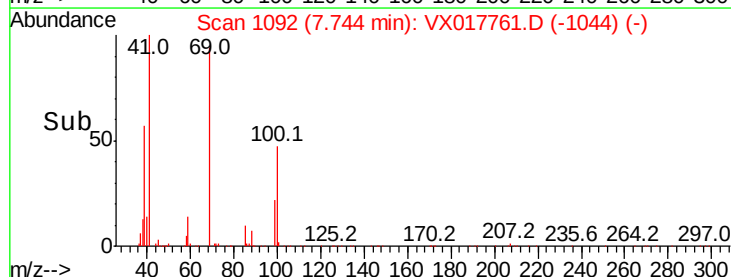
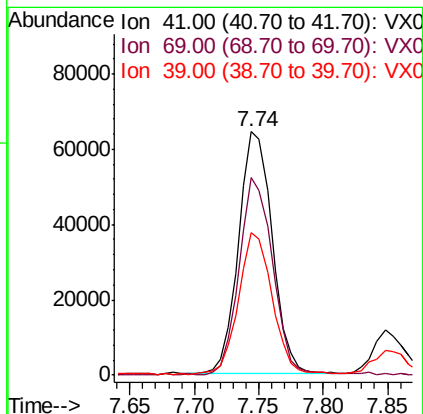
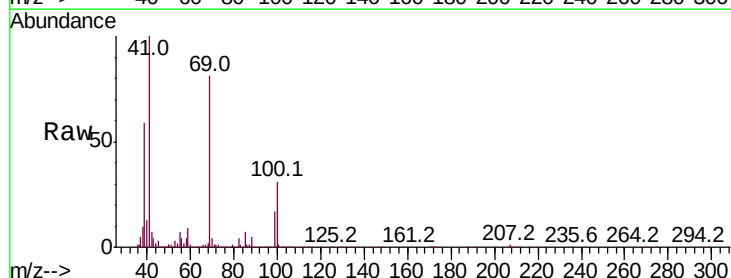
RT: 7.74 min Scan# 1092

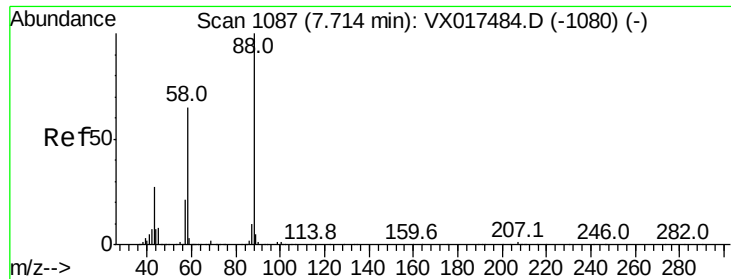
Delta R.T. -0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Tgt Ion:	41	Resp:	116813
Ion	Ratio	Lower	Upper
41	100		
69	80.2	63.1	94.7
39	59.1	45.1	67.7





#49

1,4-Dioxane

Concen: 381.206 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

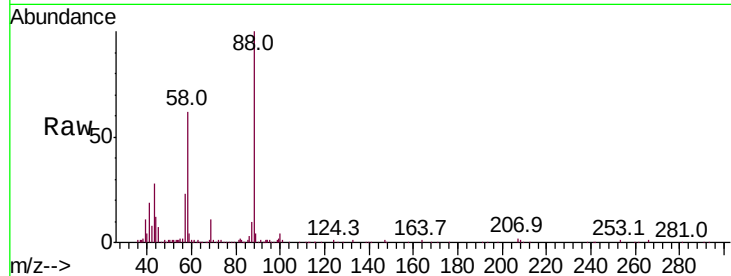
Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 47769

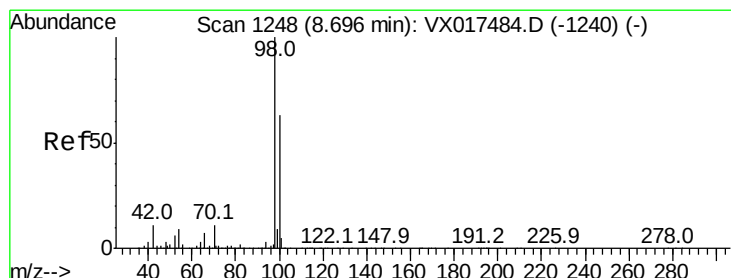
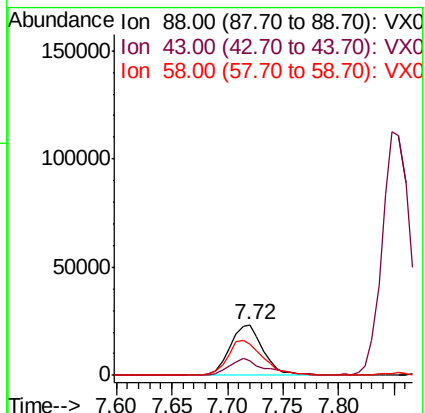
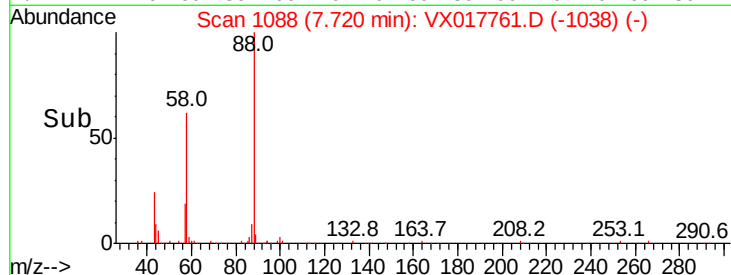
Ion	Ratio	Lower	Upper
88	100		
43	36.9	27.8	41.6
58	73.9	58.3	87.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.671 ug/l

RT: 8.70 min Scan# 1248

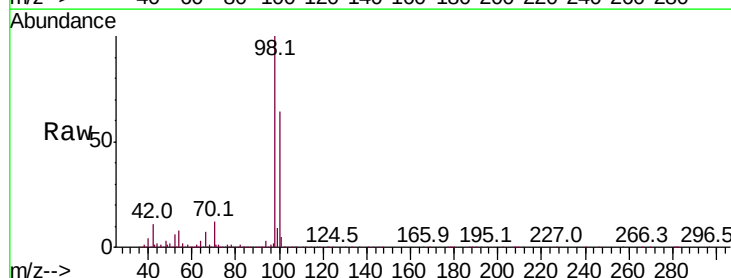
Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

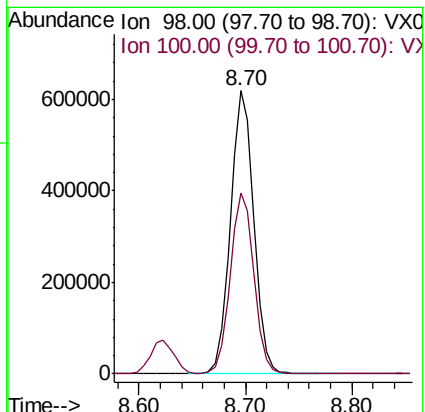
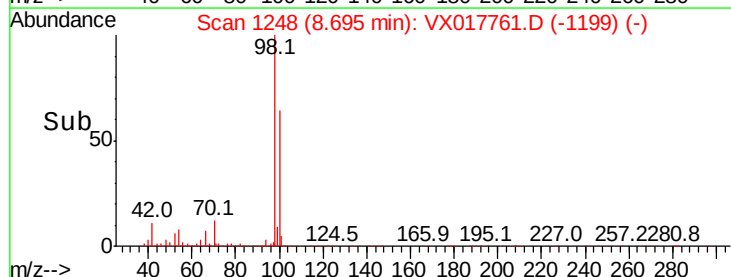
Tgt Ion: 98 Resp: 949391

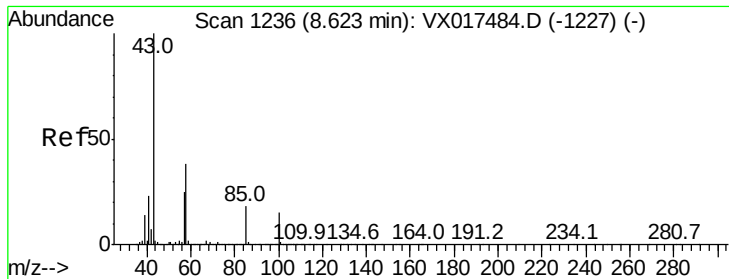
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.3	78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

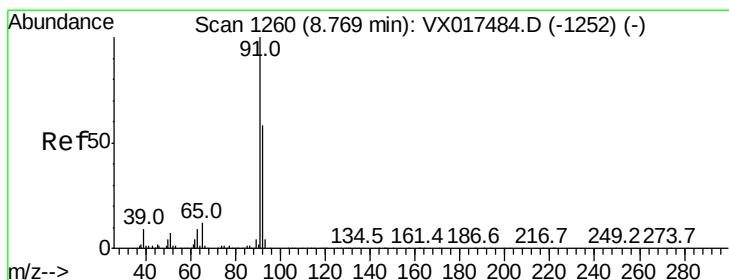
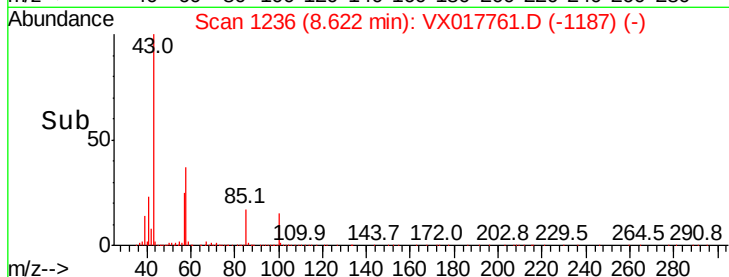
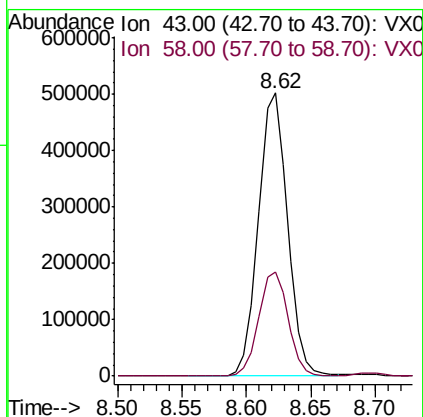
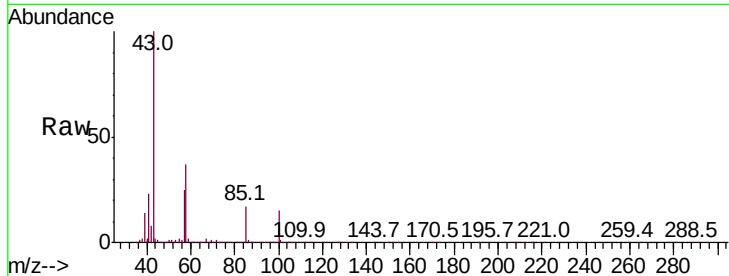




#51
 4-Methyl-2-Pentanone
 Concen: 99.464 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

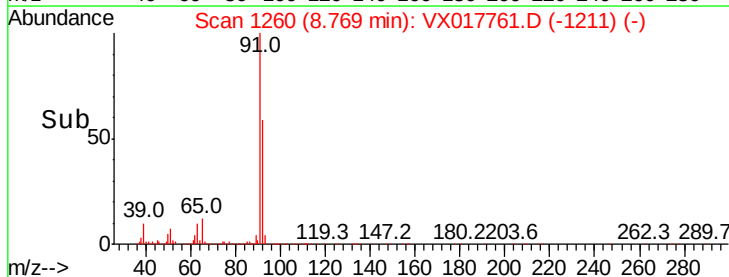
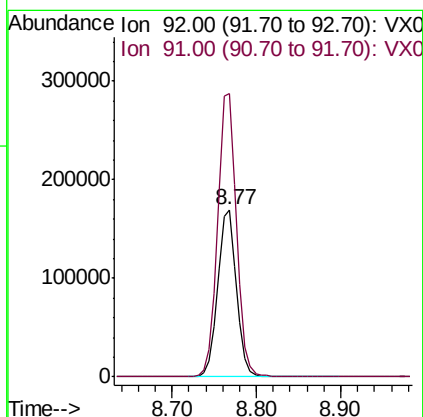
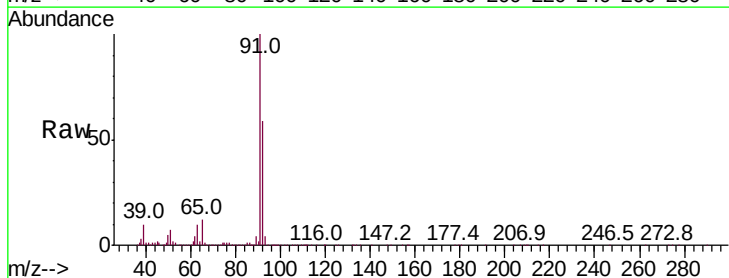
Instrument :
 MSVOA_X
 ClientSampled :

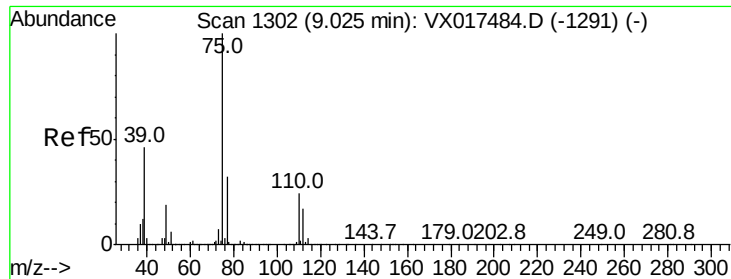
Tot Ion: 43 Resp: 782513
 Ion Ratio Lower Upper
 43 100
 58 37.5 31.0 46.4



#52
 Toluene
 Concen: 19.452 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Tgt Ion: 92 Resp: 261224
 Ion Ratio Lower Upper
 92 100
 91 171.1 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 18.725 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

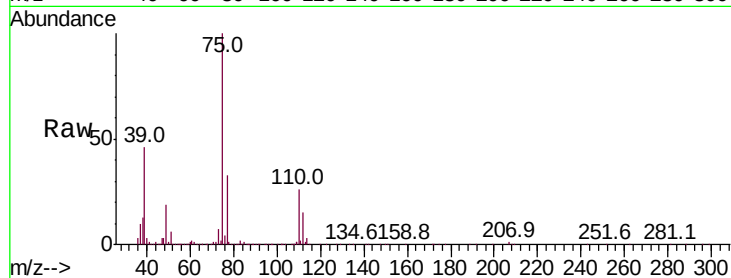
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 173024

Ion Ratio Lower Upper

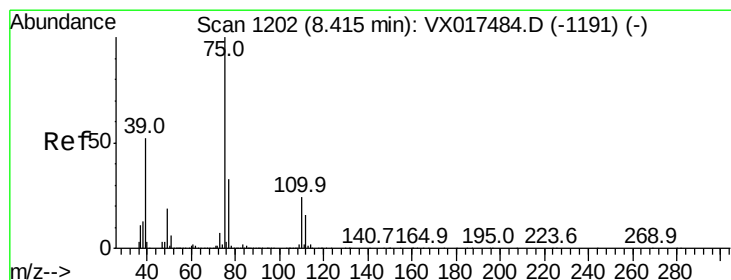
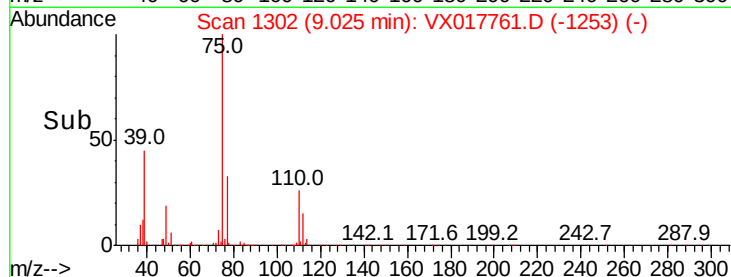
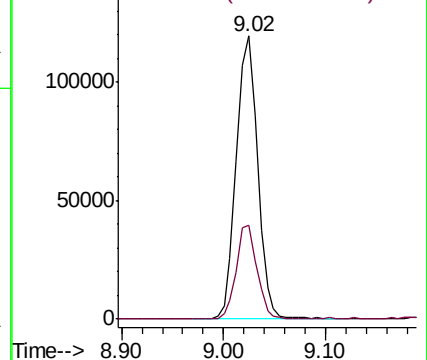
75 100

77 32.9 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.318 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

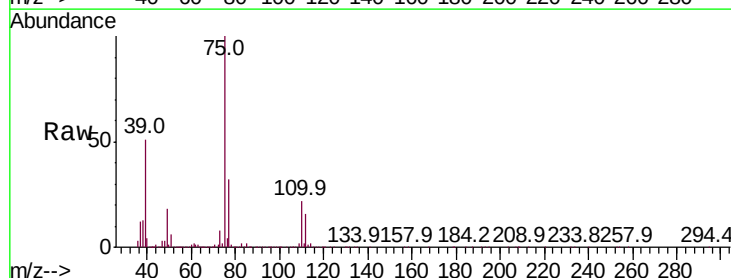
Tgt Ion: 75 Resp: 182068

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

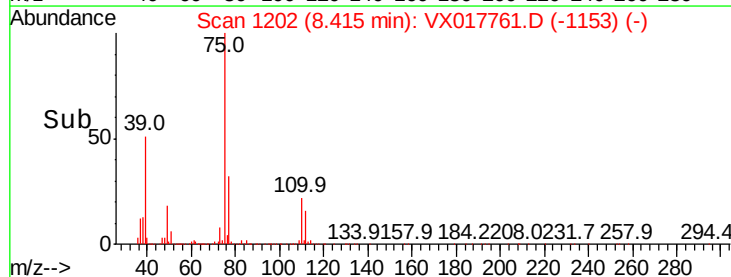
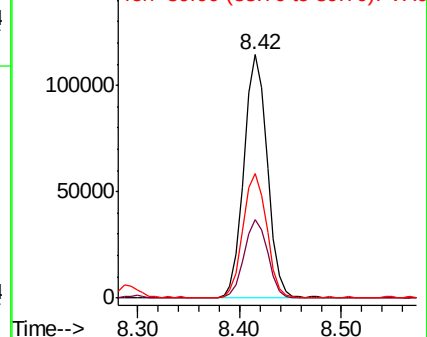
39 51.0 41.8 62.8

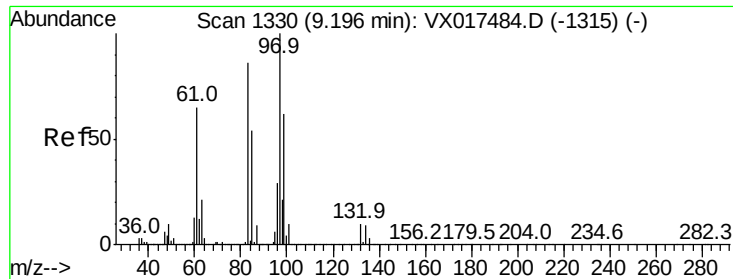


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

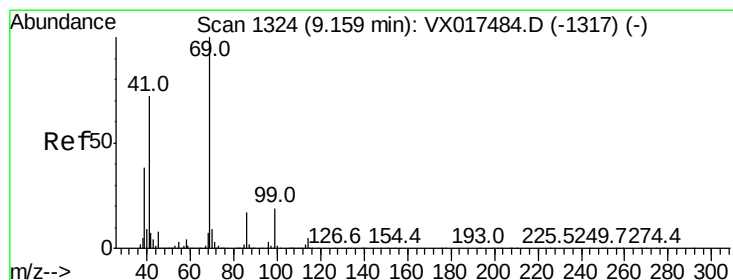
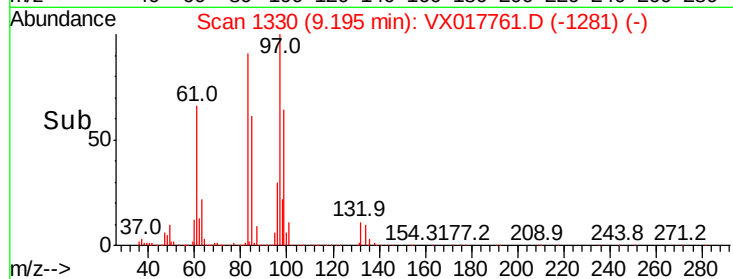
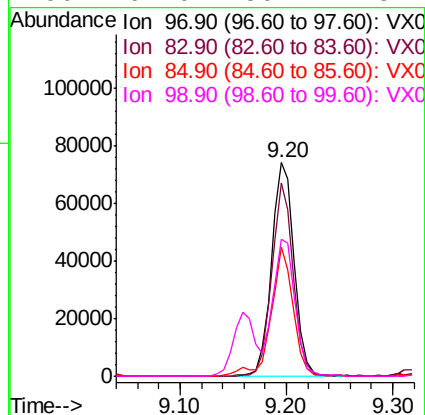
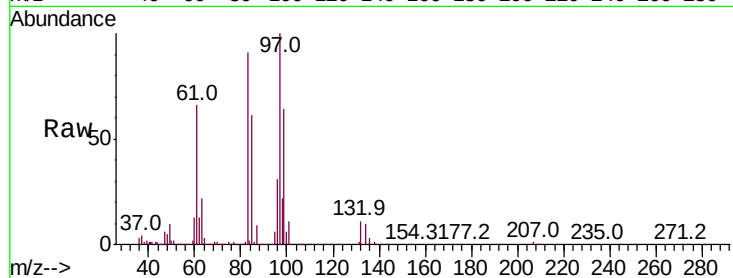




#55
 1,1,2-Trichloroethane
 Concen: 19.703 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

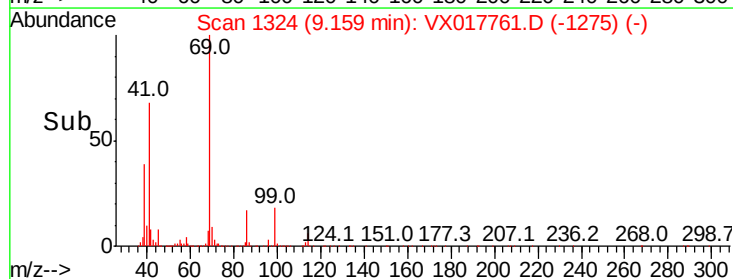
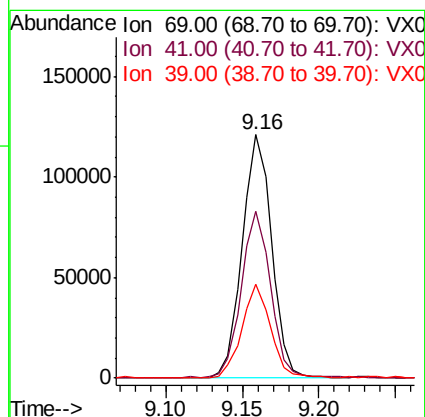
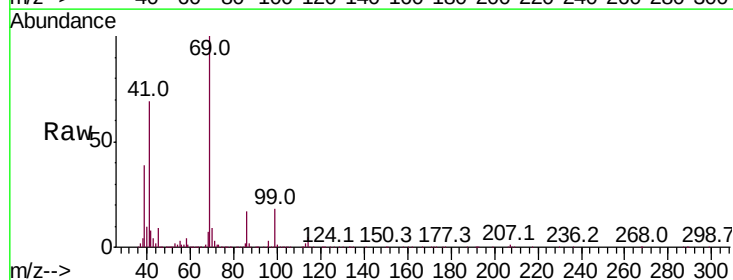
Instrument :
 MSVOA_X
 ClientSampled :

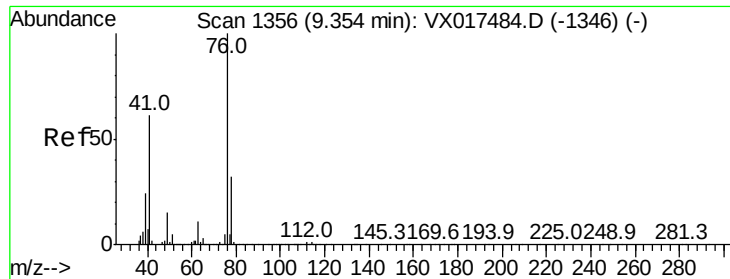
Tot Ion:	97	Resp:	110221
Ion	Ratio	Lower	Upper
97	100		
83	90.4	67.6	101.4
85	60.7	44.6	67.0
99	64.0	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 19.222 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Tgt Ion:	69	Resp:	162006
Ion	Ratio	Lower	Upper
69	100		
41	68.3	55.0	82.6
39	37.0	30.0	45.0





#57

1,3-Dichloropropane

Concen: 19.474 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

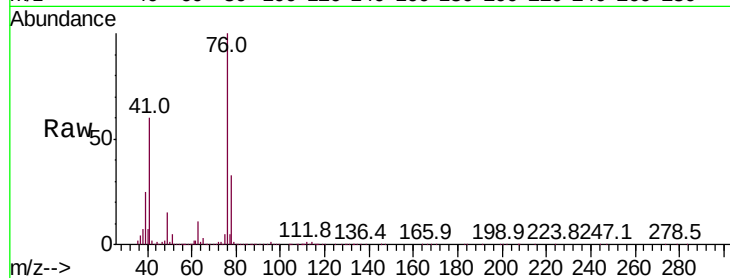
ClientSampled :

Tot Ion: 76 Resp: 179386

Ion Ratio Lower Upper

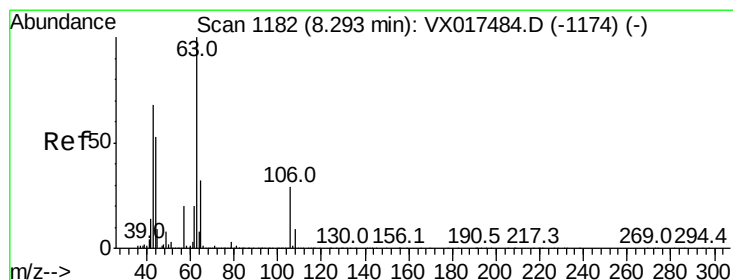
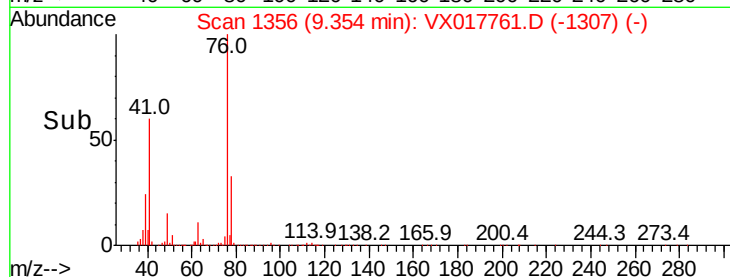
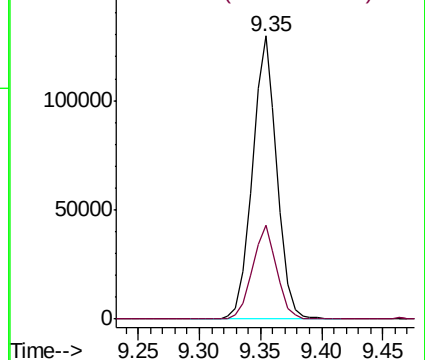
76 100

78 33.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 87.287 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017761.D

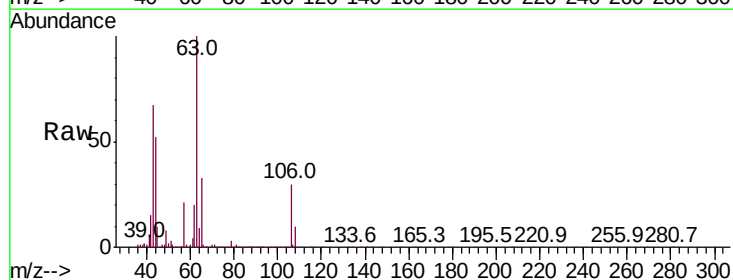
Acq: 04 Aug 2020 11:29

Tgt Ion: 63 Resp: 387584

Ion Ratio Lower Upper

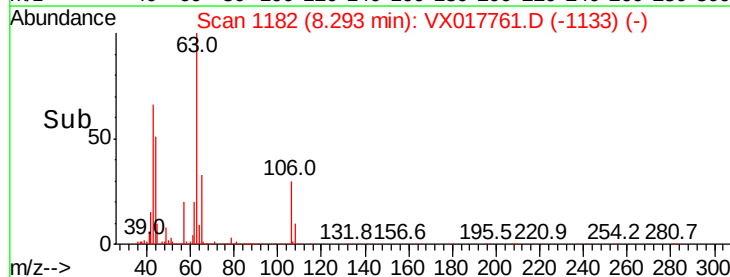
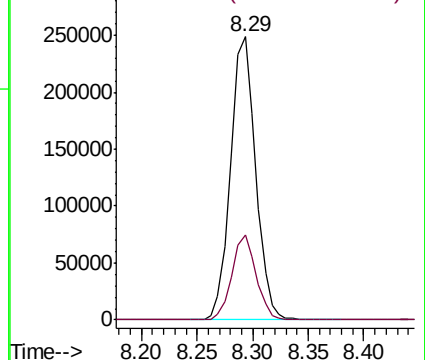
63 100

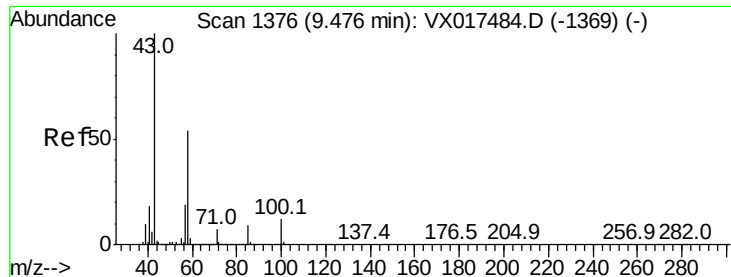
106 29.2 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

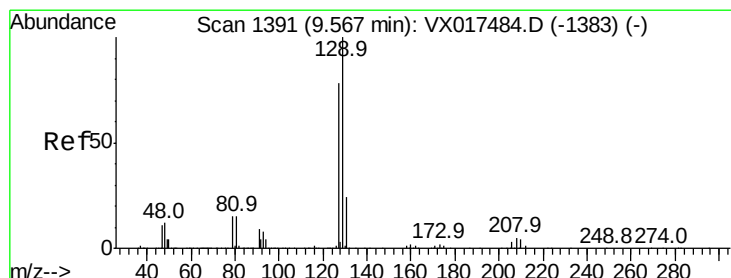
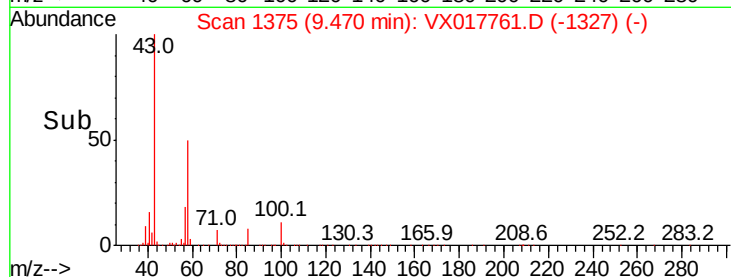
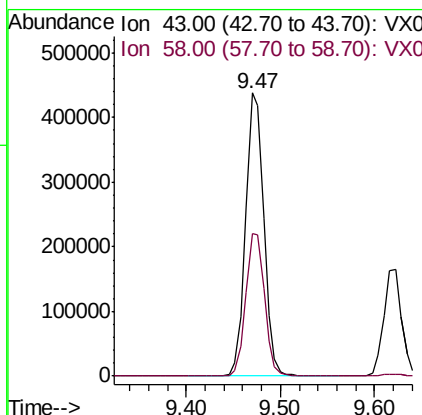
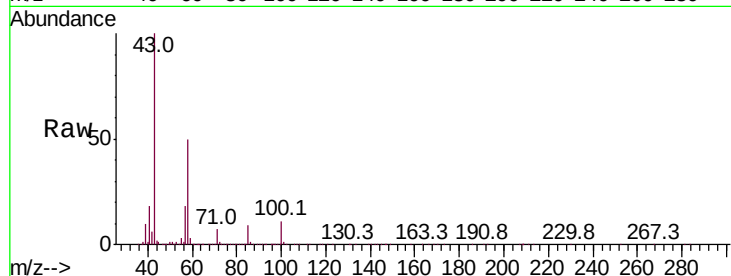




#59
2-Hexanone
Concen: 99.974 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

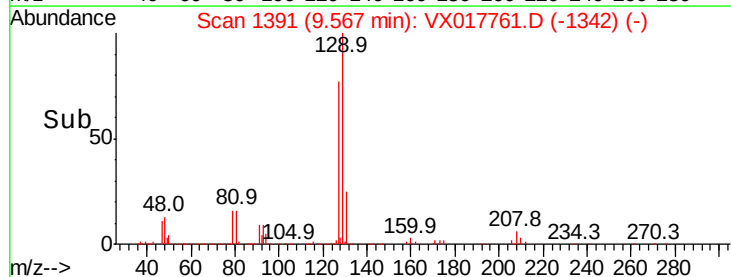
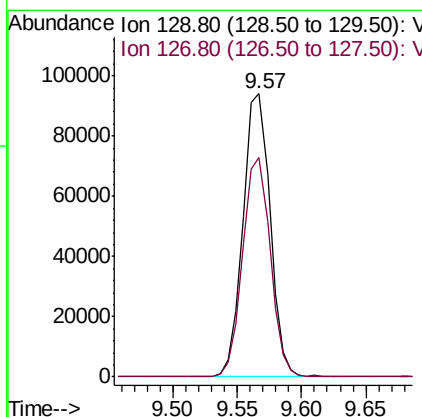
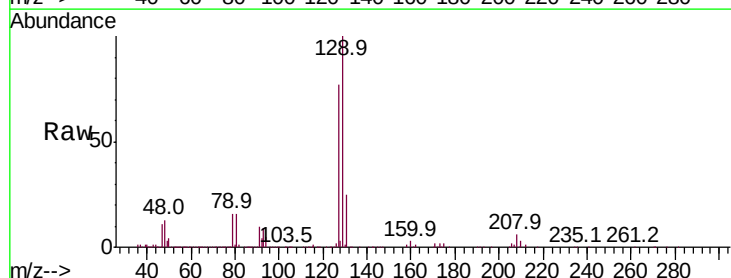
Instrument :
MSVOA_X
ClientSampleId :

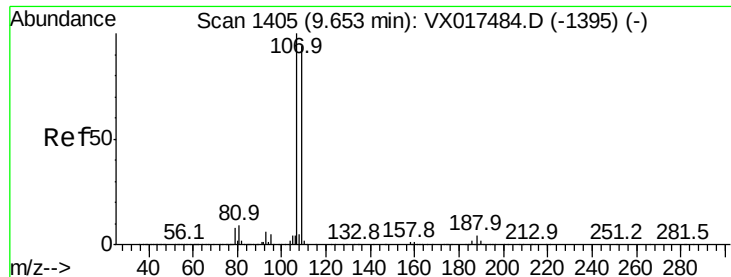
Tot Ion: 43 Resp: 592167
Ion Ratio Lower Upper
43 100
58 51.8 26.6 79.8



#60
Dibromochloromethane
Concen: 19.279 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion: 129 Resp: 137084
Ion Ratio Lower Upper
129 100
127 78.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.405 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

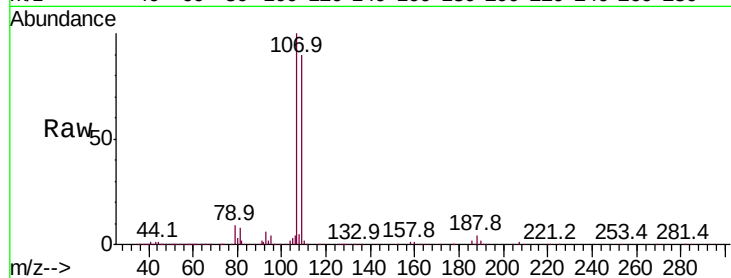
ClientSampleId :

Tot Ion:107 Resp: 121530

Ion Ratio Lower Upper

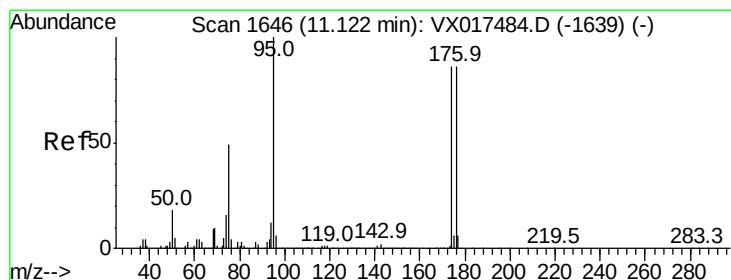
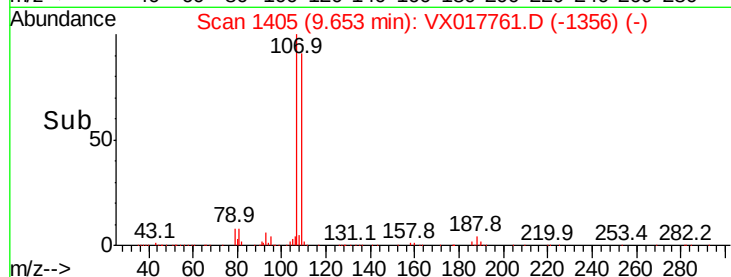
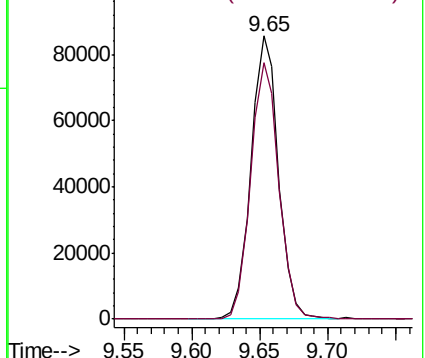
107 100

109 93.0 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: 51.111 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

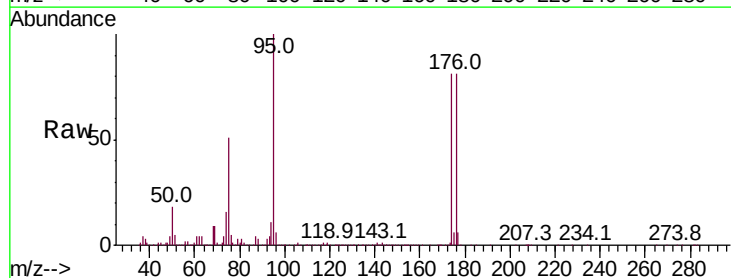
Tgt Ion: 95 Resp: 375828

Ion Ratio Lower Upper

95 100

174 83.3 0.0 169.0

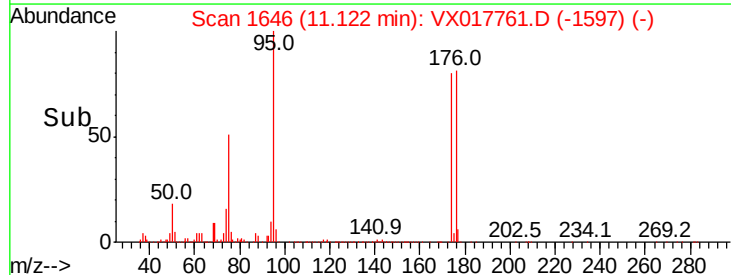
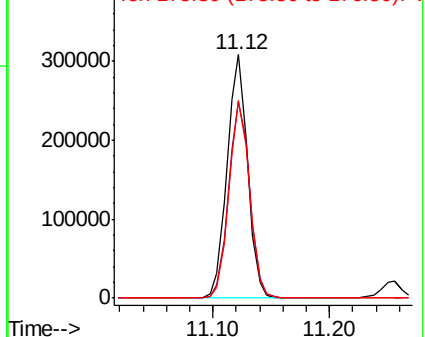
176 81.4 0.0 161.0

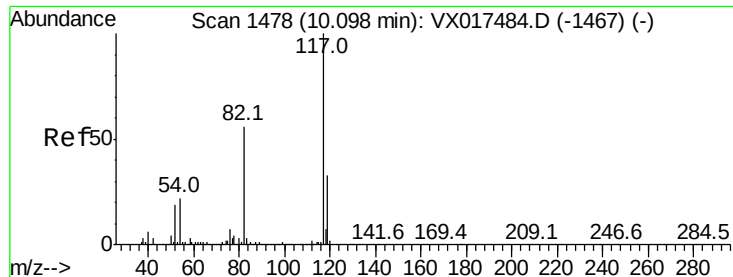


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

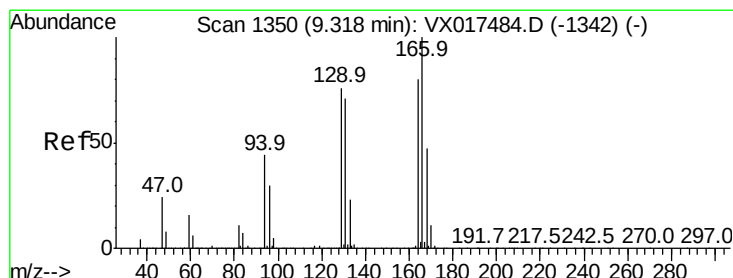
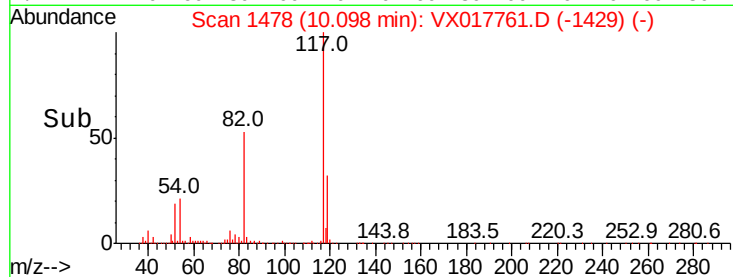
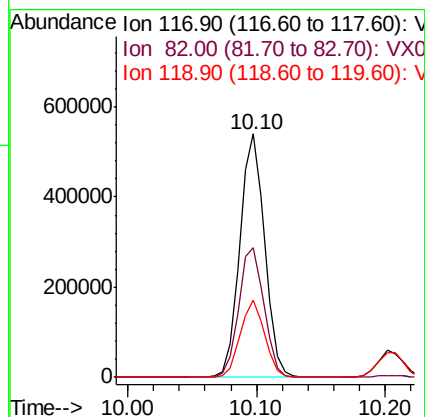
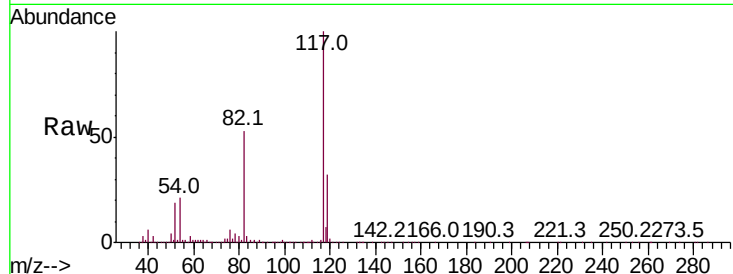




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

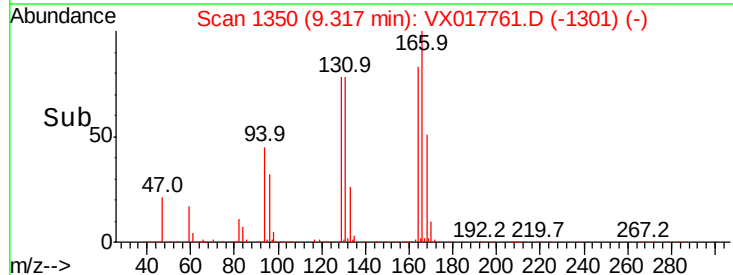
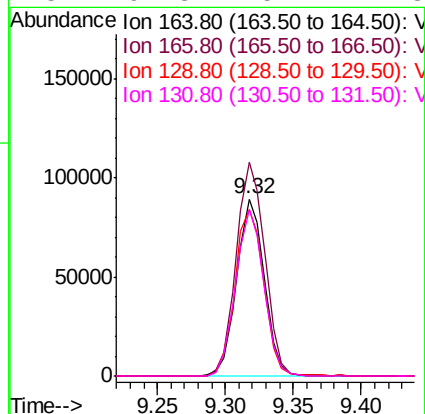
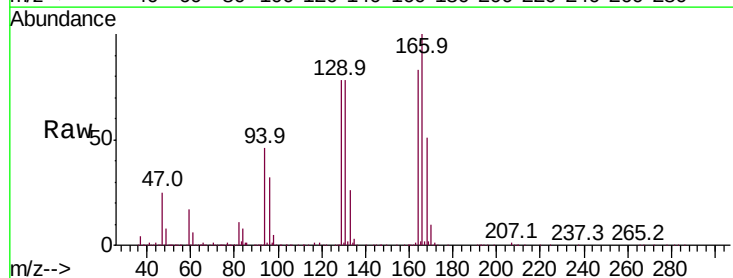
Instrument :
MSVOA_X
ClientSampleId :

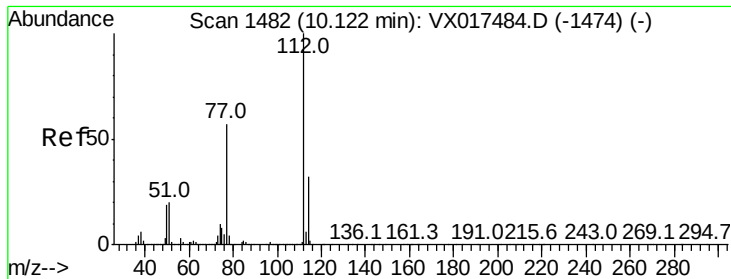
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	44.0	66.0
119	31.7	25.4	38.0



#64
Tetrachloroethene
Concen: 19.586 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.6	100.6	150.8
129	94.0	75.0	112.6
131	94.3	75.2	112.8

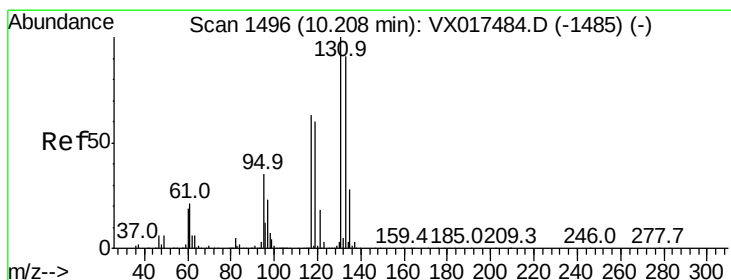
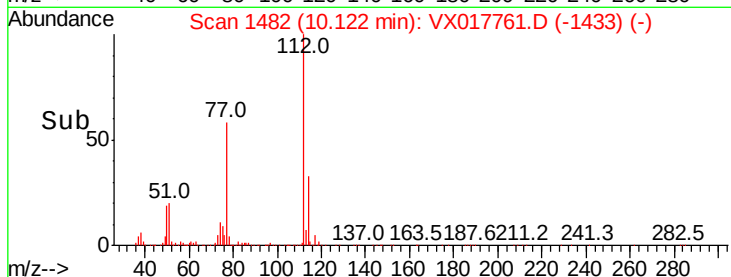
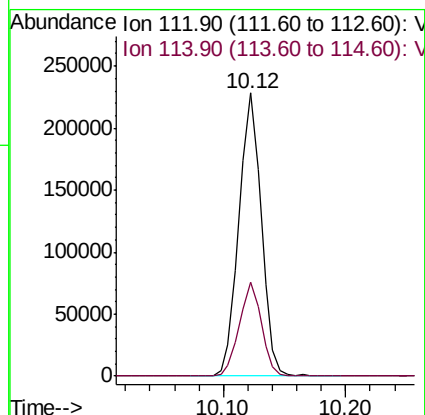
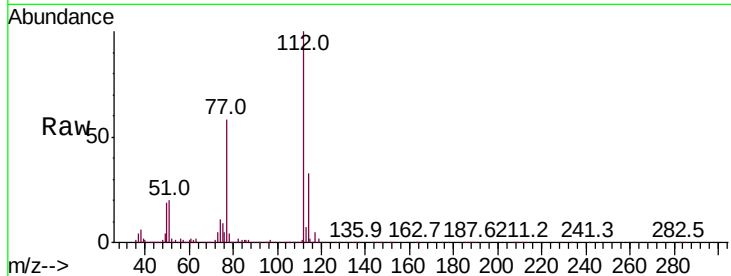




#65
Chlorobenzene
Concen: 18.598 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

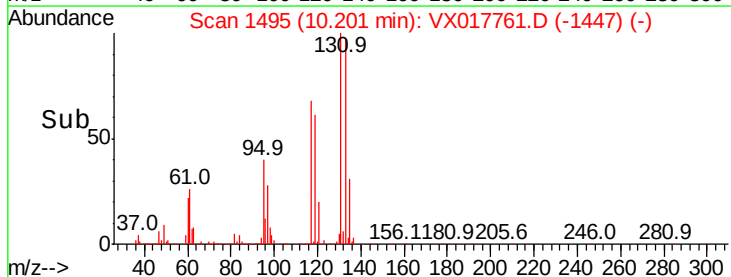
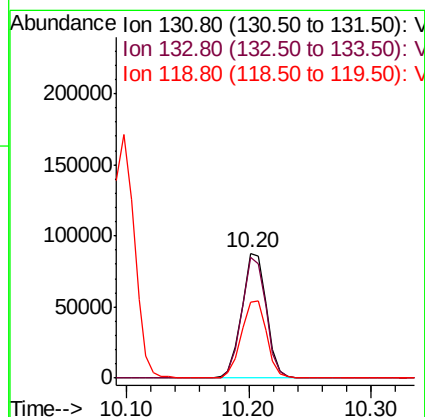
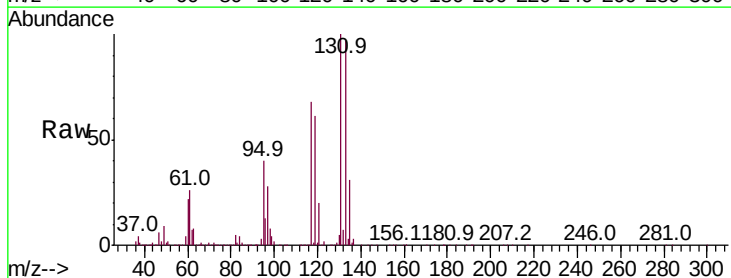
Instrument :
MSVOA_X
ClientSampled :

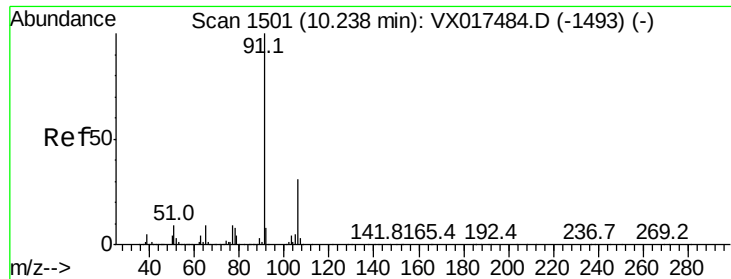
Tot Ion:112 Resp: 289027
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.345 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion:131 Resp: 121329
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.6
119 64.2 31.1 93.3





#67

Ethyl Benzene

Concen: 18.906 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

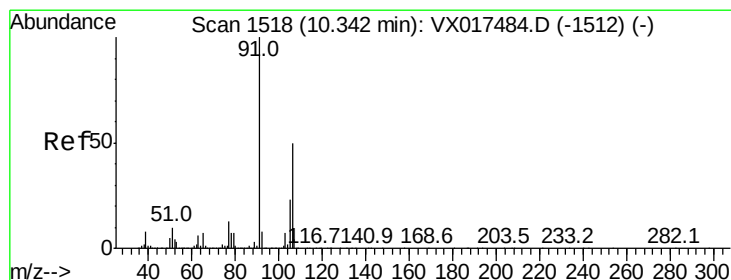
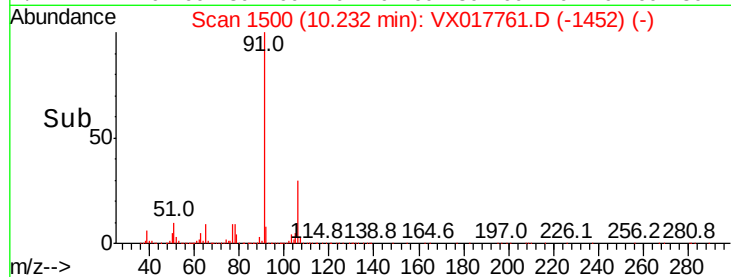
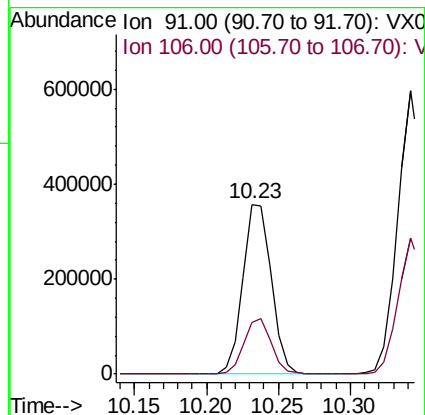
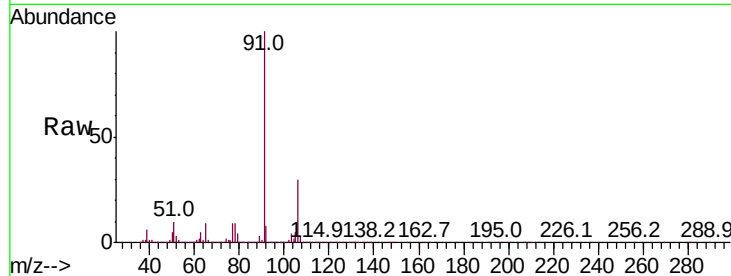
ClientSampleId :

Tot Ion: 91 Resp: 490444

Ion Ratio Lower Upper

91 100

106 30.3 25.8 38.6



#68

m/p-Xylenes

Concen: 37.463 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017761.D

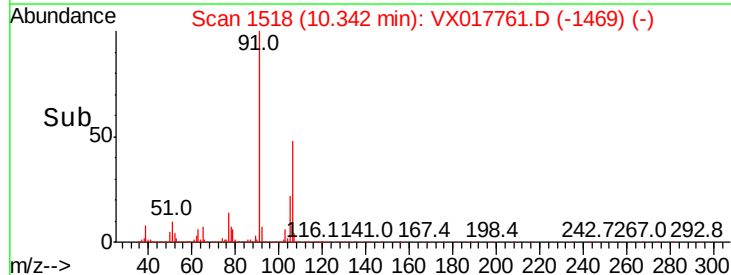
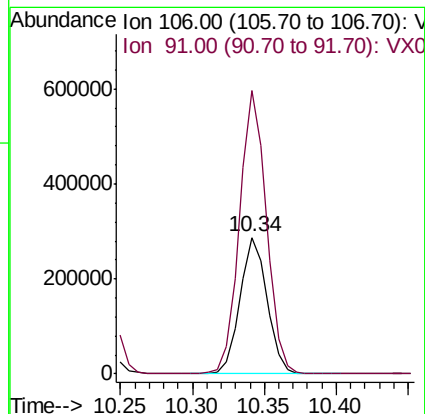
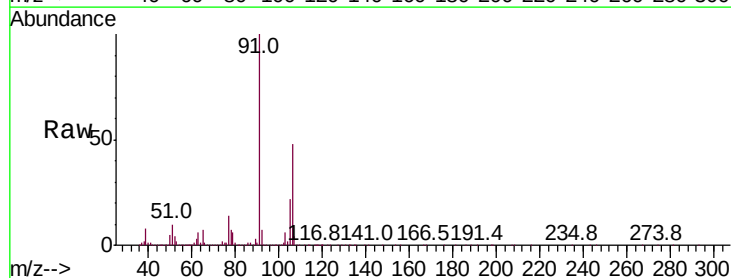
Acq: 04 Aug 2020 11:29

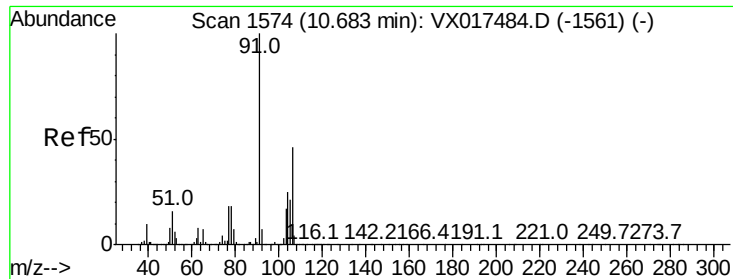
Tgt Ion: 106 Resp: 376489

Ion Ratio Lower Upper

106 100

91 205.8 160.9 241.3

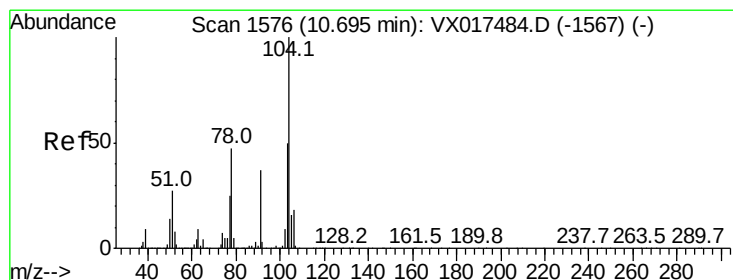
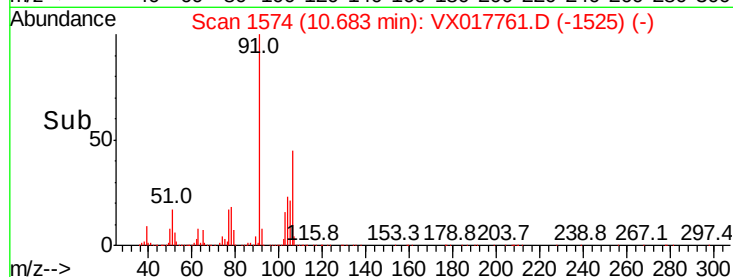
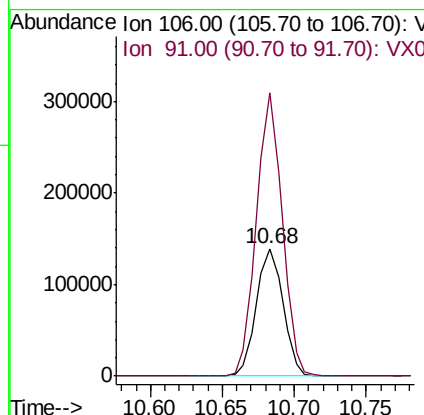
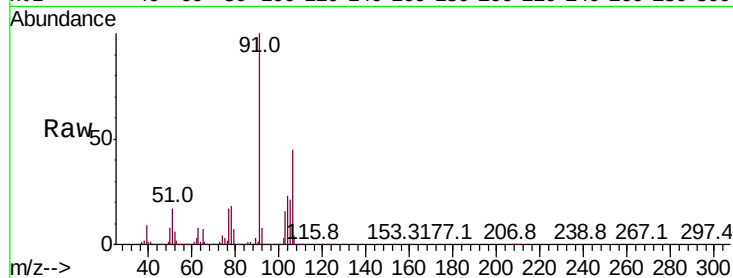




#69
o-Xylene
Concen: 18.348 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

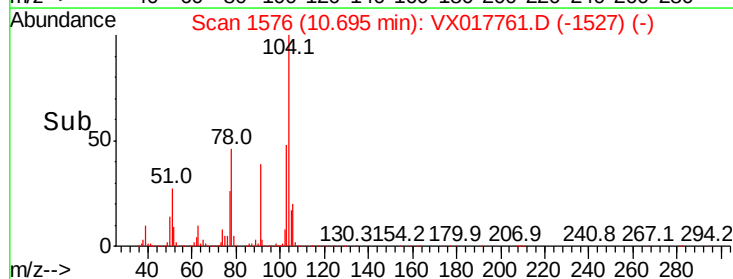
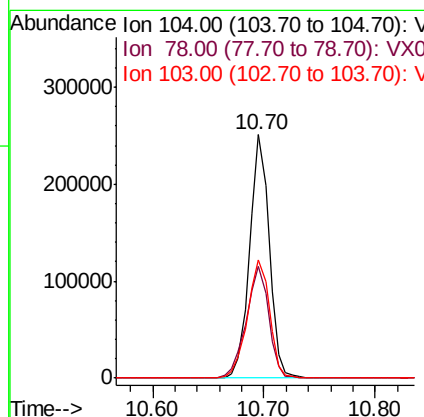
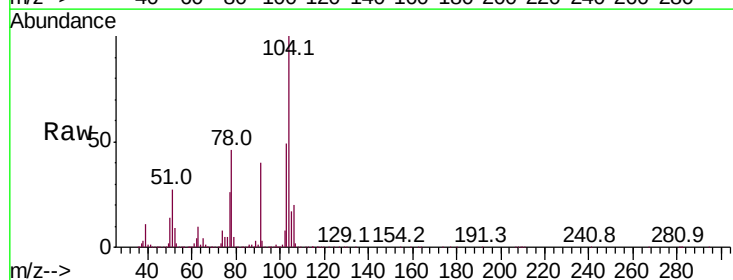
Instrument :
MSVOA_X
ClientSampleId :

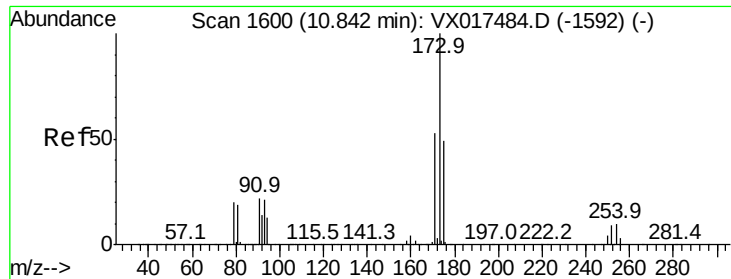
Tot Ion:106 Resp: 177345
Ion Ratio Lower Upper
106 100
91 215.4 108.2 324.6



#70
Styrene
Concen: 18.731 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion:104 Resp: 308035
Ion Ratio Lower Upper
104 100
78 52.8 42.5 63.7
103 54.8 44.3 66.5





#71

Bromoform

Concen: 19.260 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

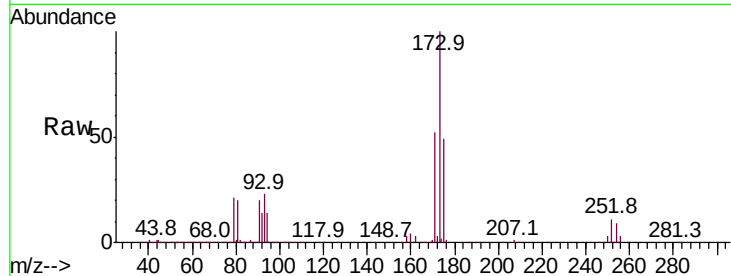
Tot Ion:173 Resp: 104657

Ion Ratio Lower Upper

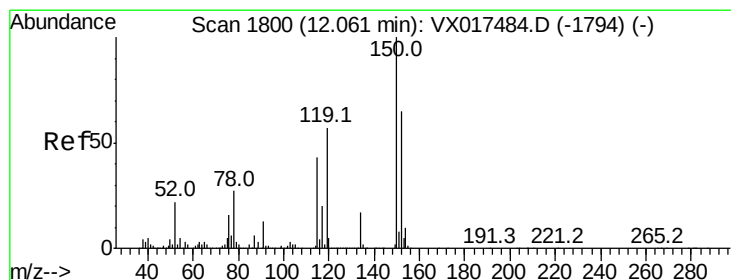
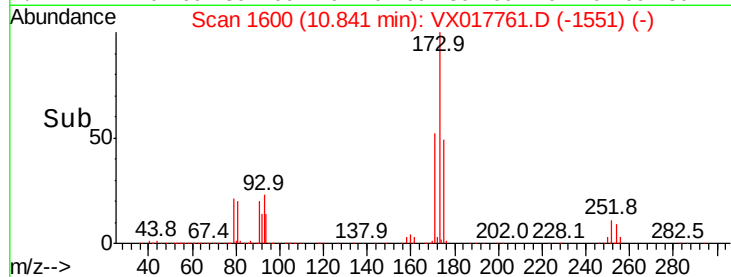
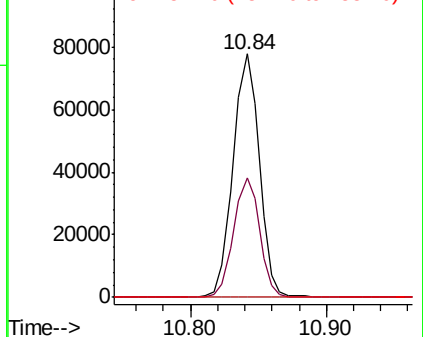
173 100

175 48.6 23.8 71.5

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

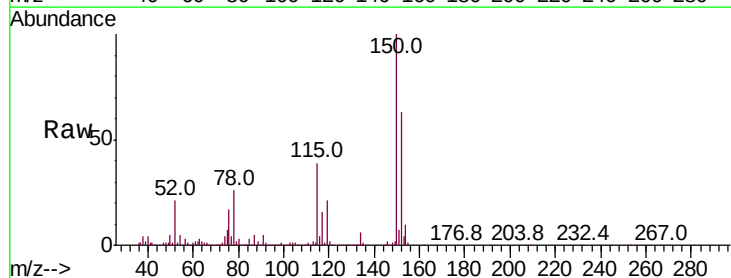
Tgt Ion:152 Resp: 382452

Ion Ratio Lower Upper

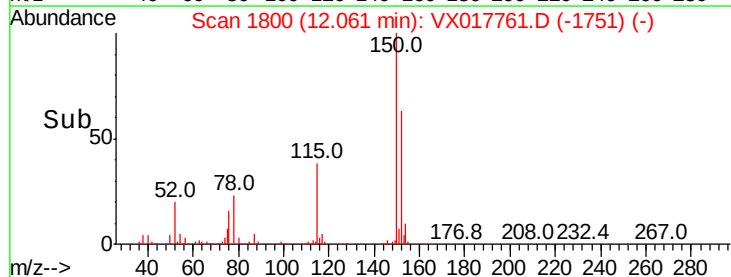
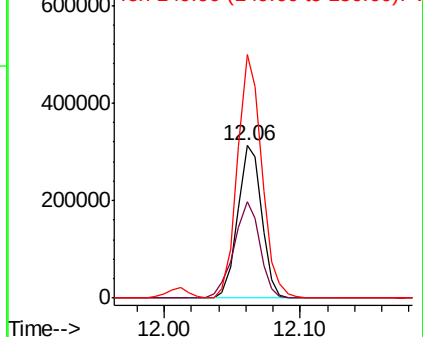
152 100

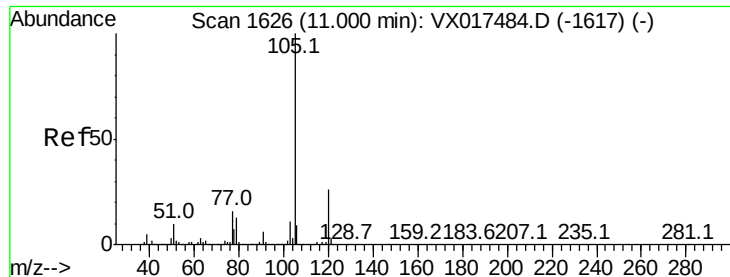
115 68.2 65.5 196.6

150 162.6 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: 19.046 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

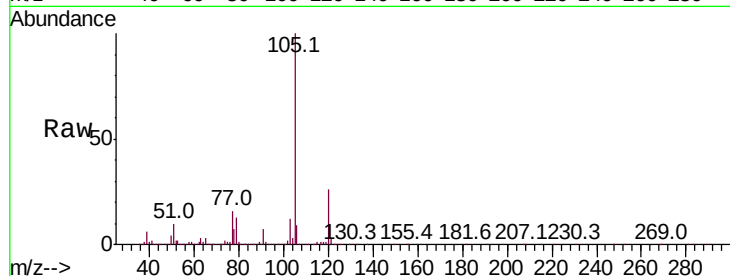
ClientSampleId :

Tot Ion:105 Resp: 499697

Ion Ratio Lower Upper

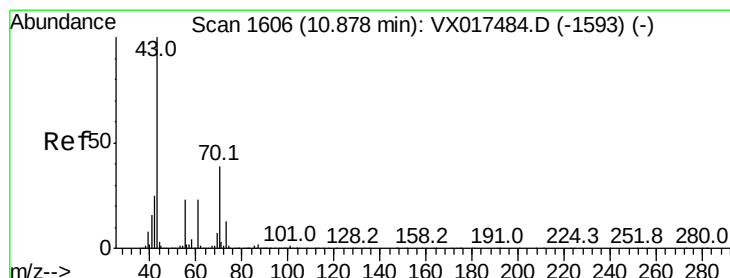
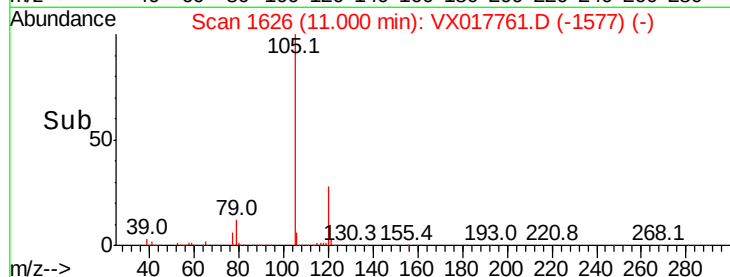
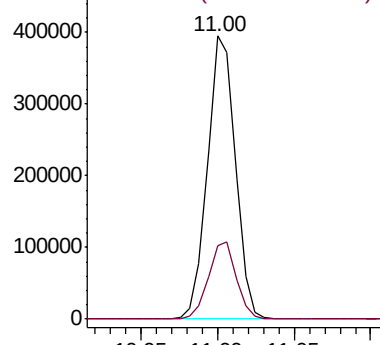
105 100

120 27.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.303 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Tgt Ion: 43 Resp: 213359

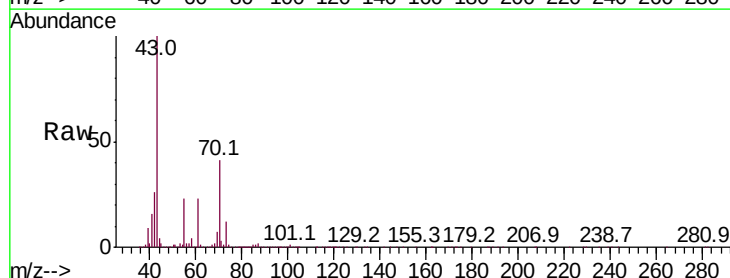
Ion Ratio Lower Upper

43 100

70 40.7 32.3 48.5

55 24.5 18.4 27.6

61 23.8 18.6 28.0

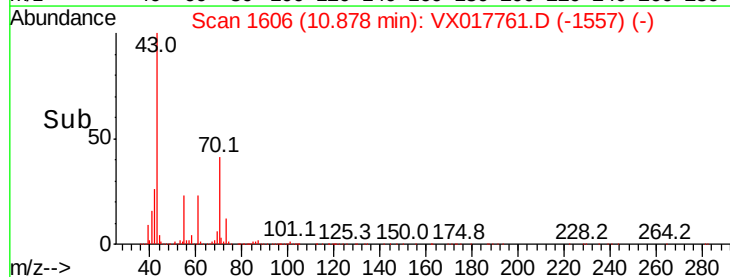
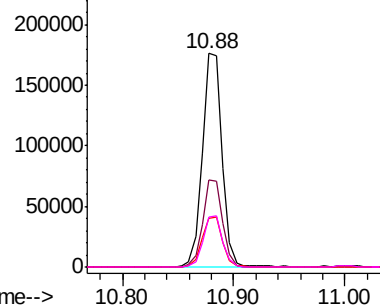


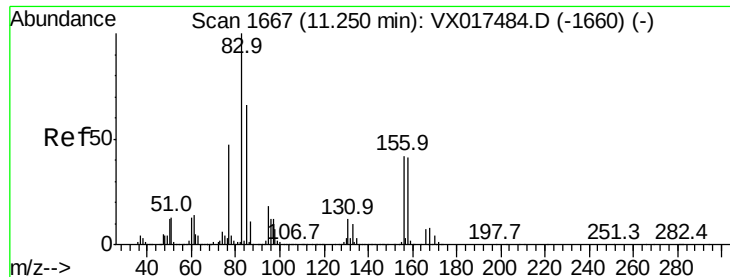
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.824 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampled :

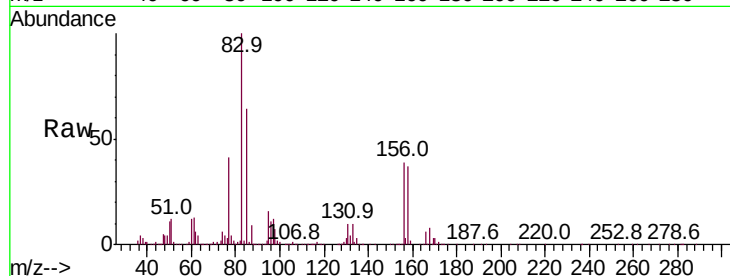
Tot Ion: 83 Resp: 154161

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.5

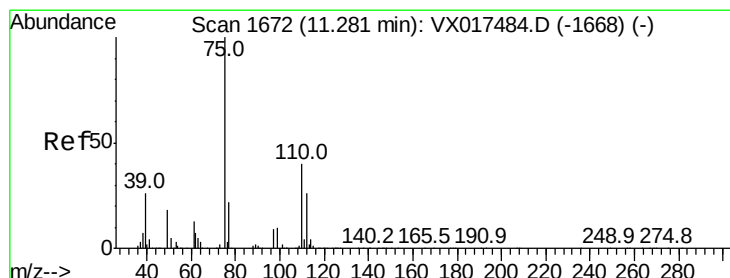
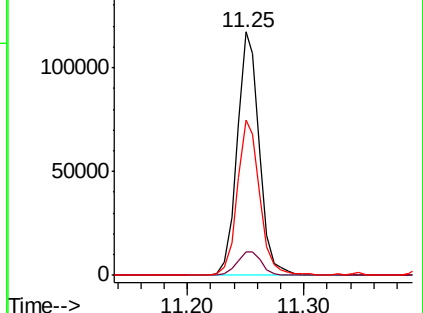
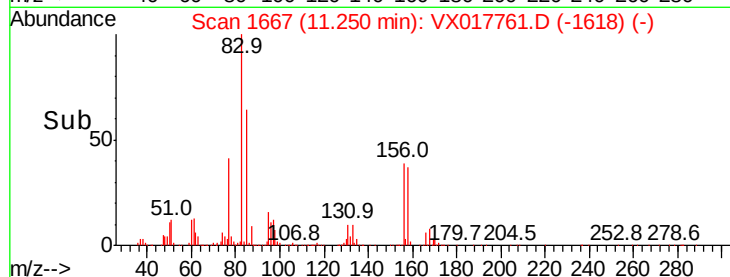
85 65.0 32.1 96.3



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: 24.419 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017761.D

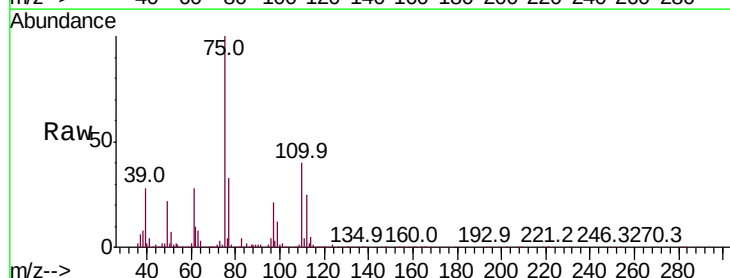
Acq: 04 Aug 2020 11:29

Tgt Ion: 75 Resp: 192110

Ion Ratio Lower Upper

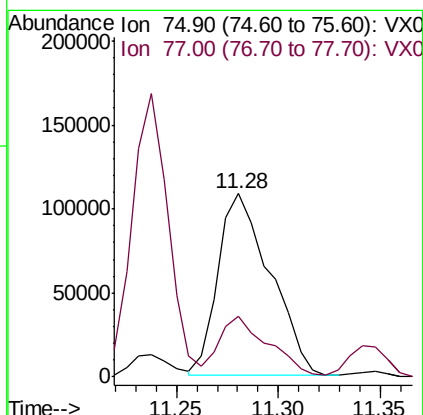
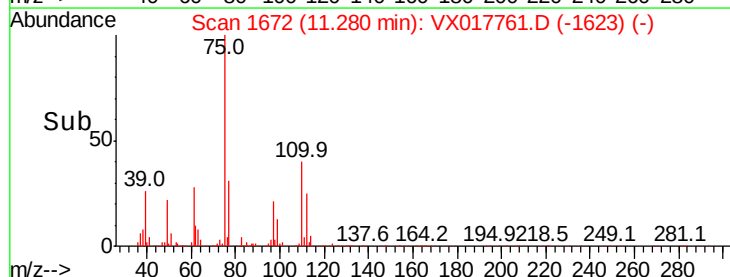
75 100

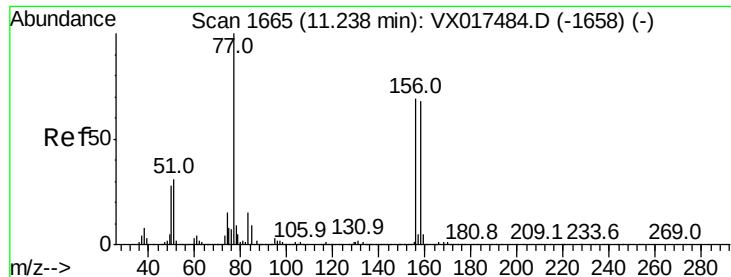
77 31.4 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.532 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

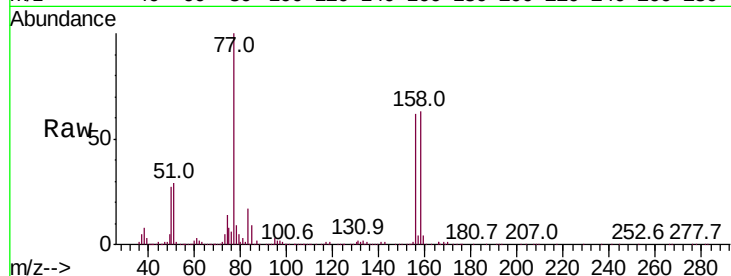
Tot Ion:156 Resp: 136116

Ion Ratio Lower Upper

156 100

77 153.4 75.0 225.0

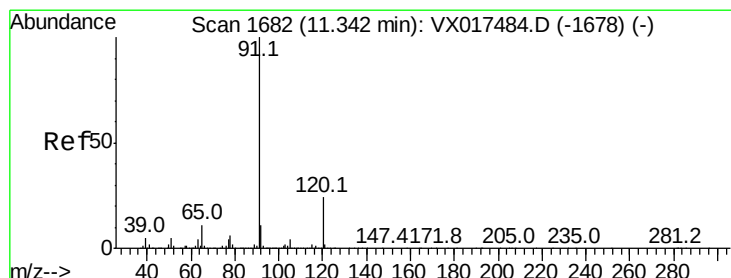
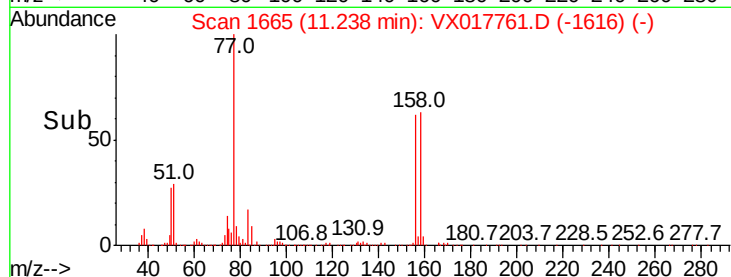
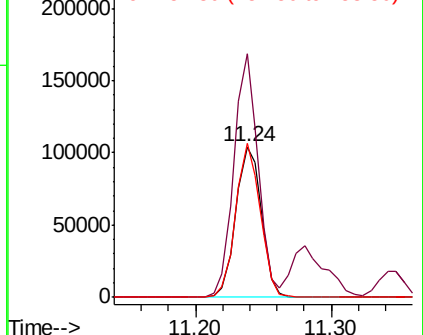
158 98.1 49.1 147.3



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: 19.438 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017761.D

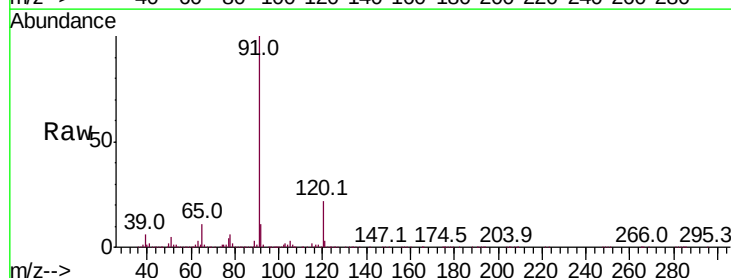
Acq: 04 Aug 2020 11:29

Tgt Ion: 91 Resp: 575185

Ion Ratio Lower Upper

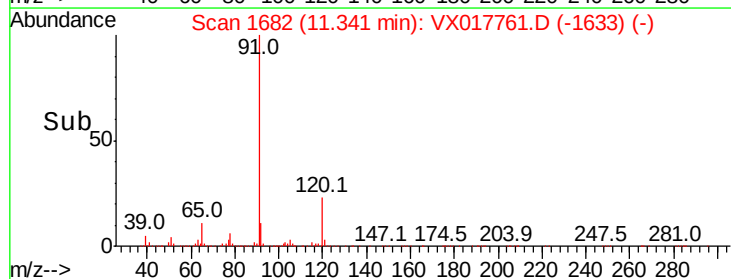
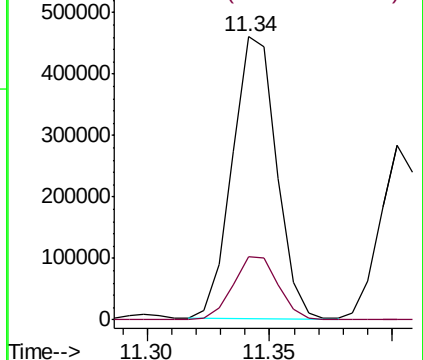
91 100

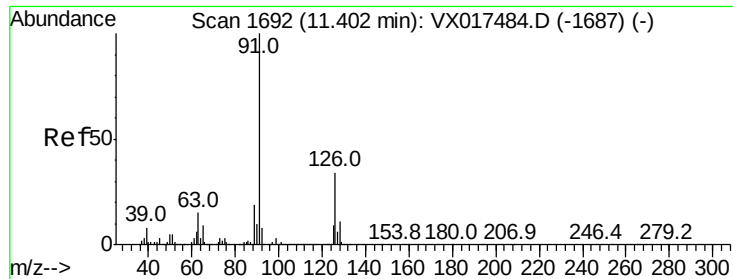
120 23.0 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.901 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

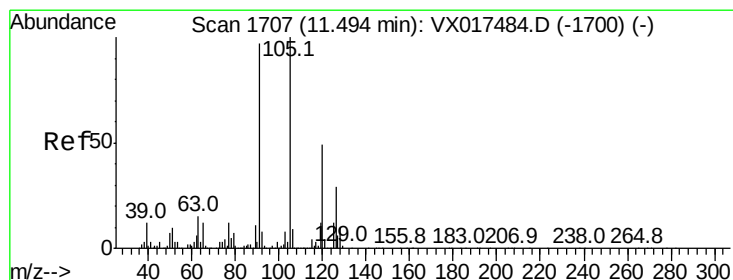
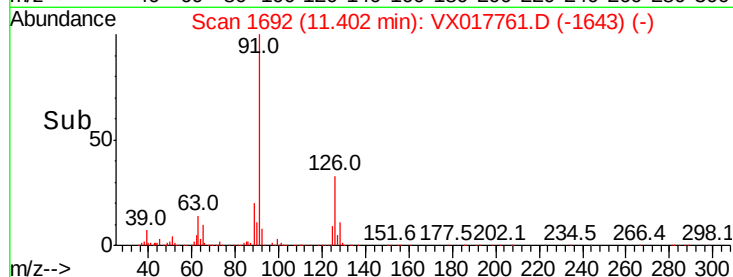
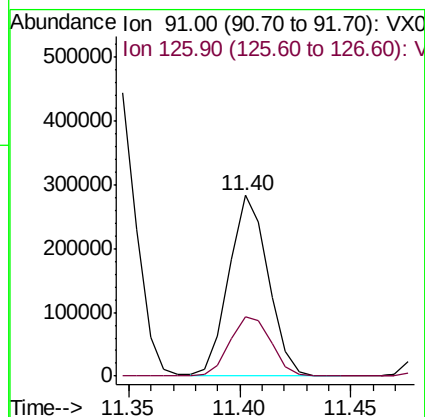
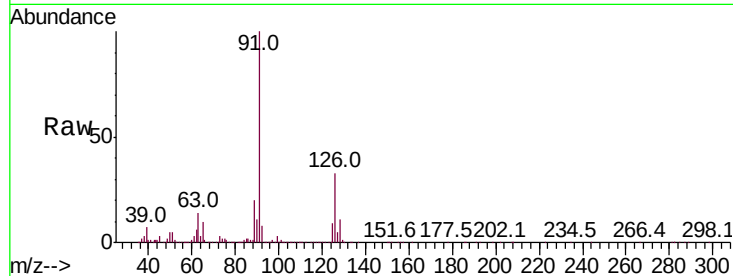
ClientSampleId :

Tot Ion: 91 Resp: 346460

Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 18.818 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017761.D

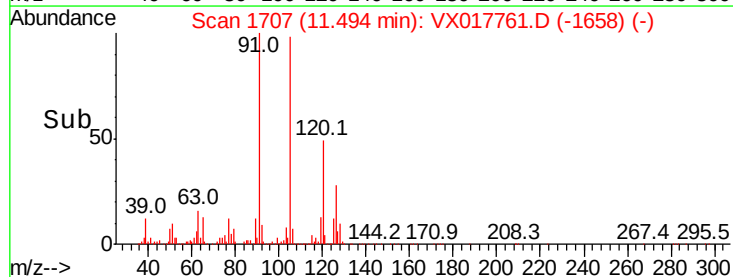
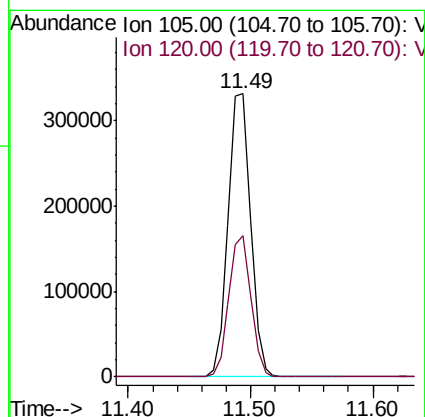
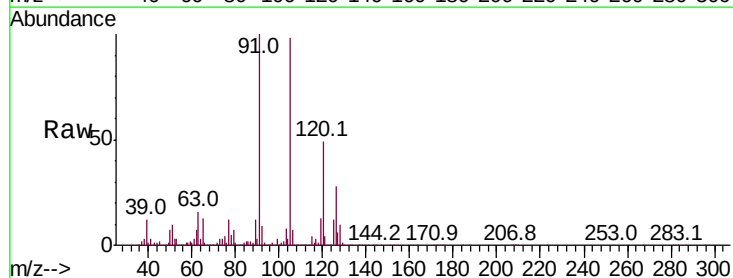
Acq: 04 Aug 2020 11:29

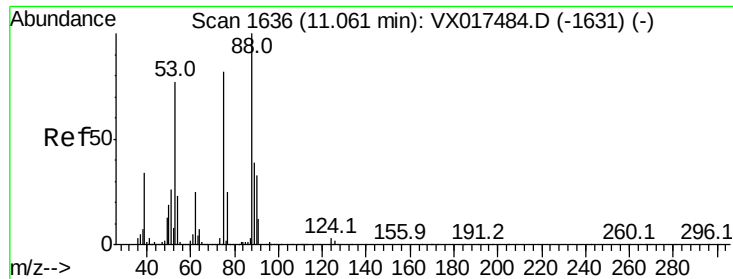
Tgt Ion:105 Resp: 421546

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.179 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

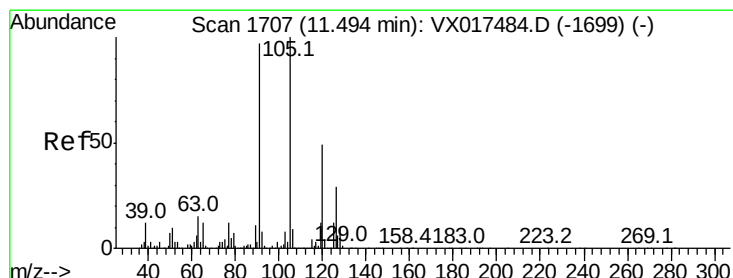
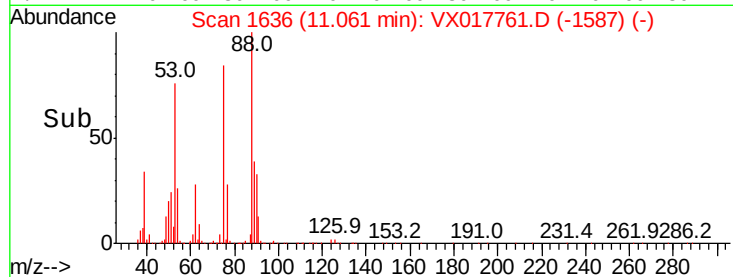
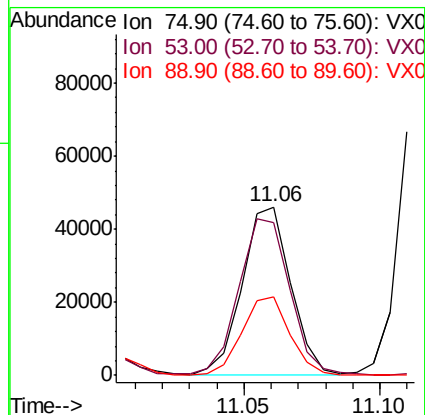
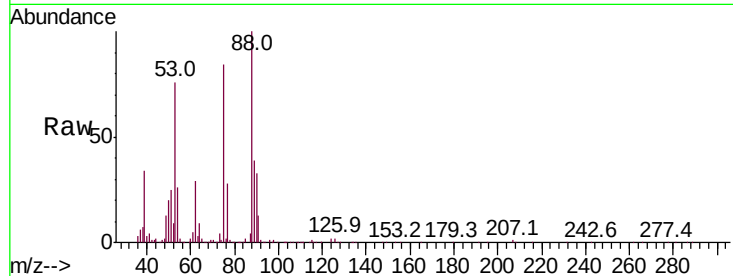
Tot Ion: 75 Resp: 56758

Ion Ratio Lower Upper

75 100

53 97.0 75.9 113.9

89 47.0 37.8 56.6



#82

4-Chlorotoluene

Concen: 18.762 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017761.D

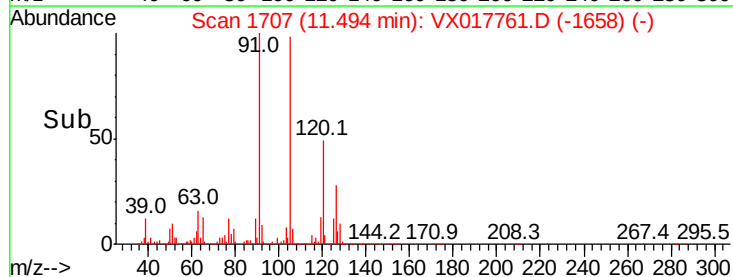
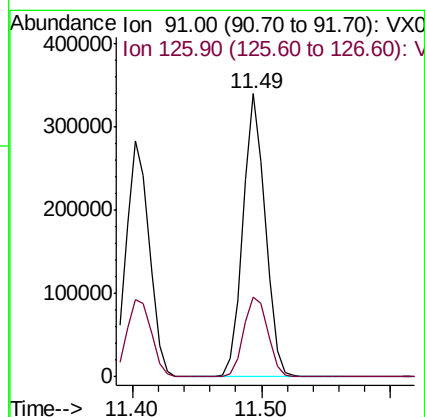
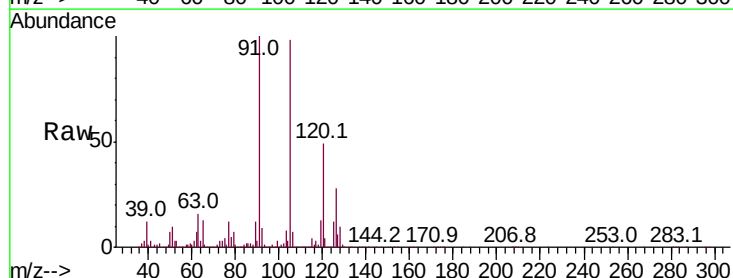
Acq: 04 Aug 2020 11:29

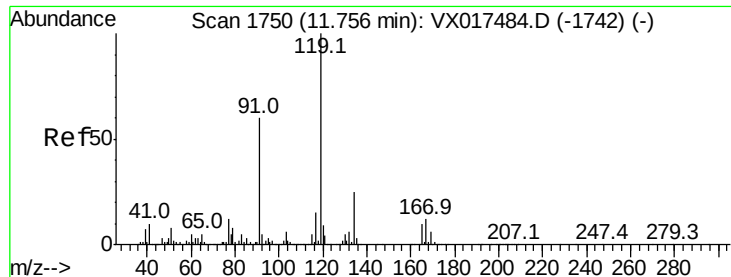
Tgt Ion: 91 Resp: 405682

Ion Ratio Lower Upper

91 100

126 30.7 15.2 45.6





#83

tert-Butylbenzene

Concen: 18.709 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

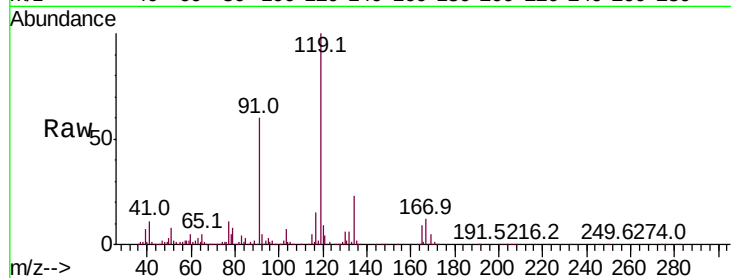
Tot Ion:119 Resp: 401026

Ion Ratio Lower Upper

119 100

91 59.1 29.3 88.0

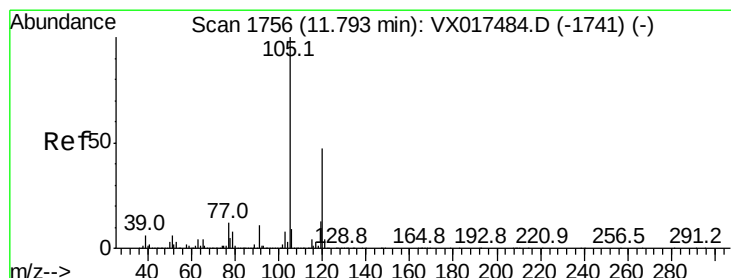
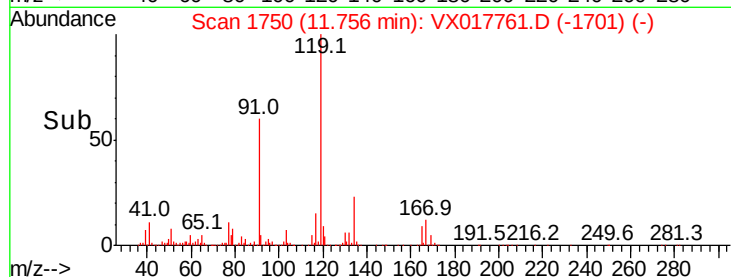
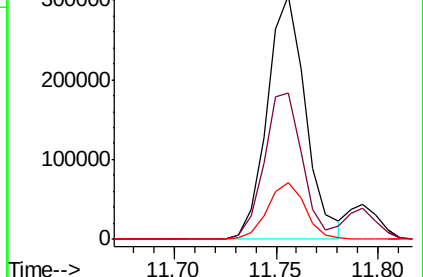
134 23.0 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.142 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017761.D

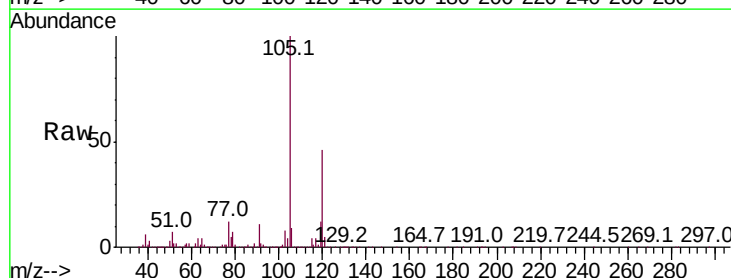
Acq: 04 Aug 2020 11:29

Tgt Ion:105 Resp: 426500

Ion Ratio Lower Upper

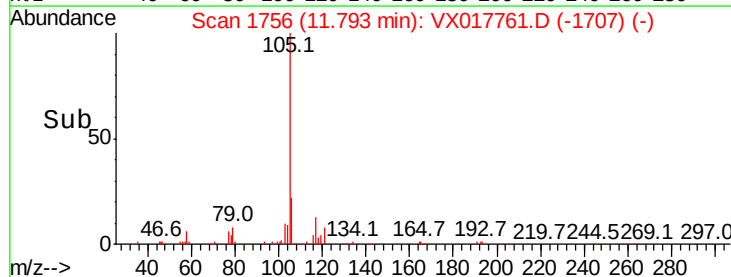
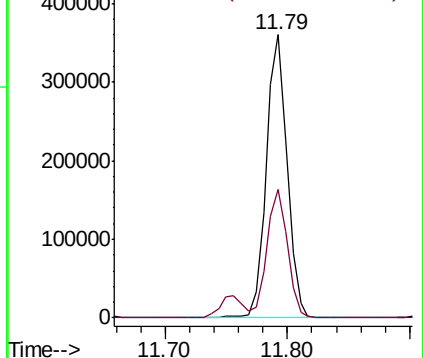
105 100

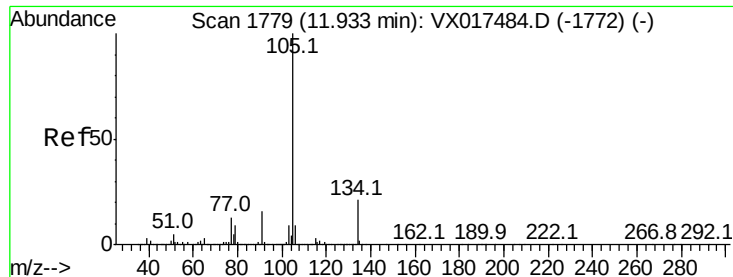
120 45.1 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

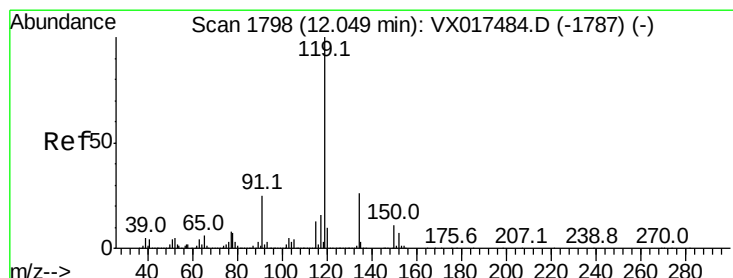
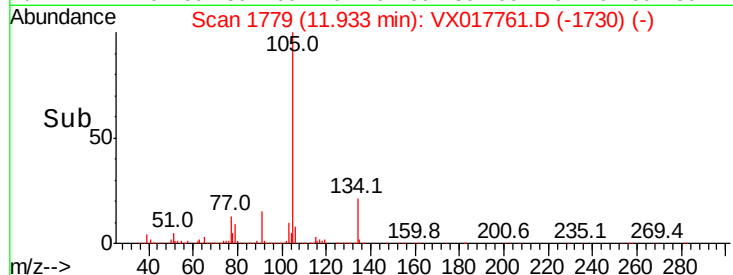
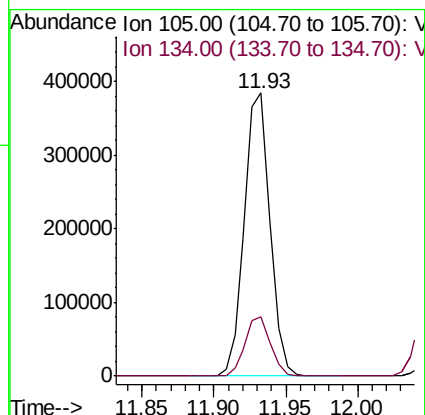
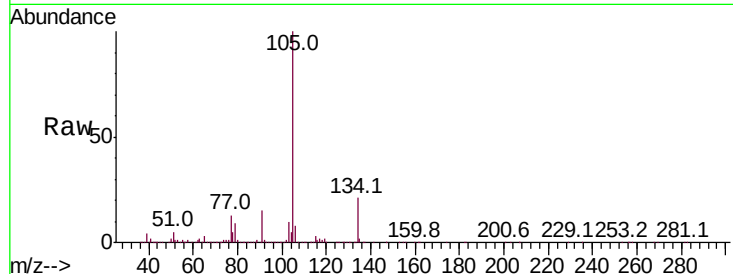




#85
 sec-Butylbenzene
 Concen: 18.971 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

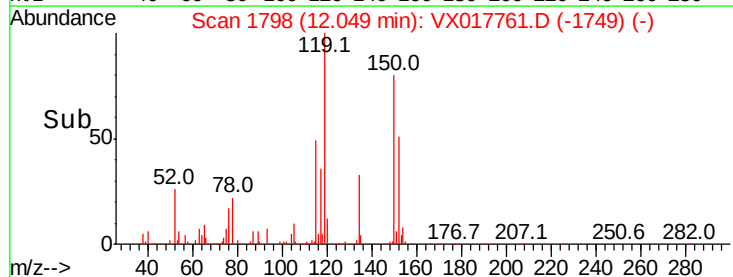
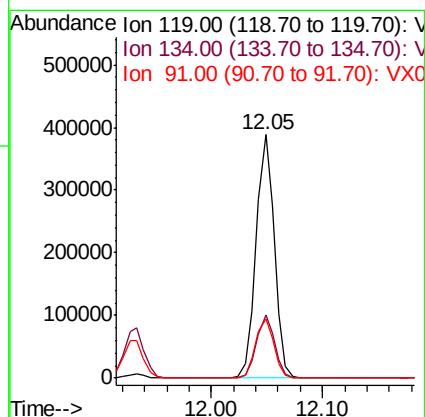
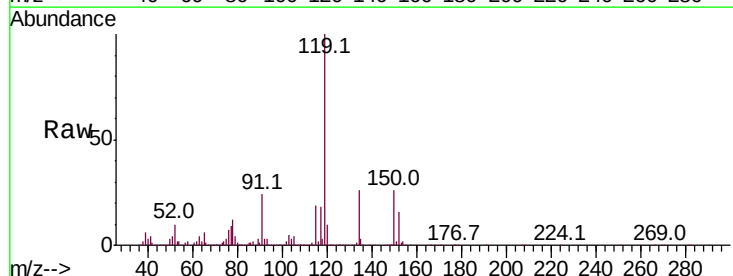
Instrument :
 MSVOA_X
 ClientSampleId :

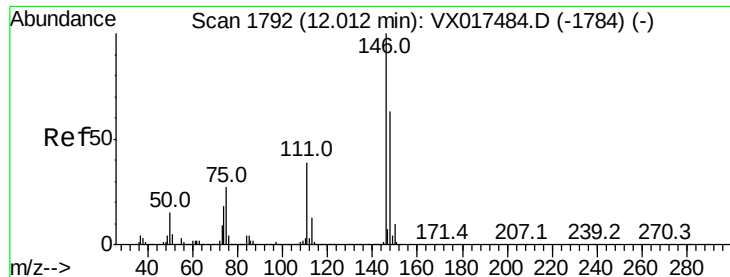
Tot Ion:105 Resp: 473709
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 18.675 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Tgt Ion:119 Resp: 444082
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 24.6 12.1 36.3

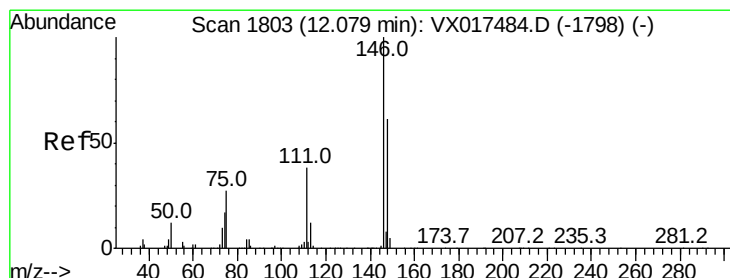
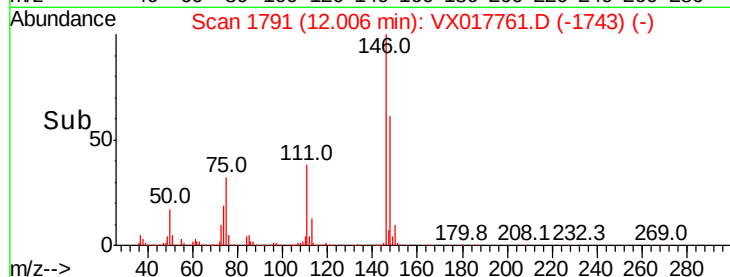
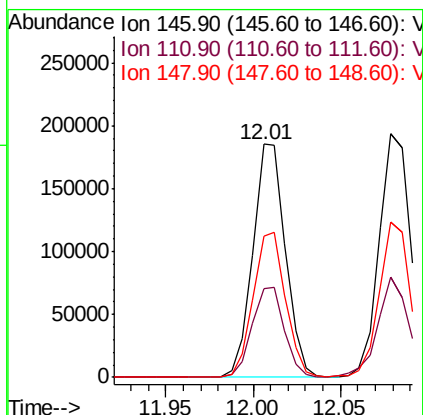
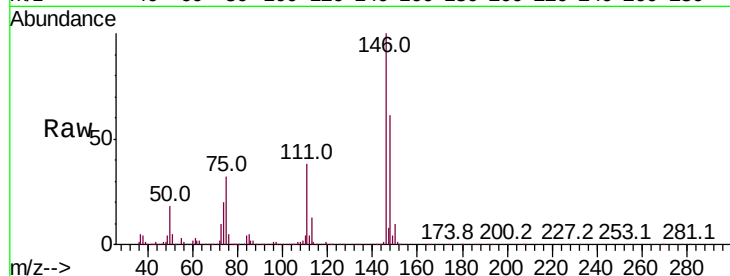




#87
 1,3-Dichlorobenzene
 Concen: 19.033 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

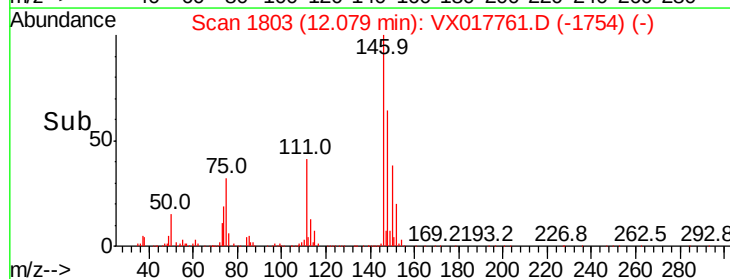
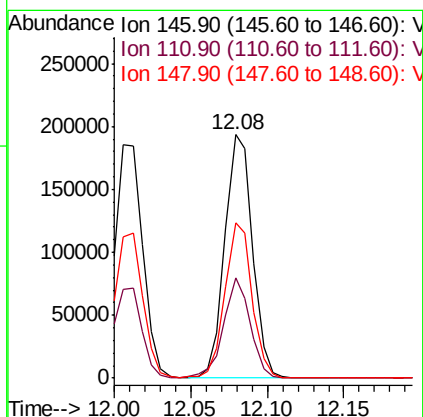
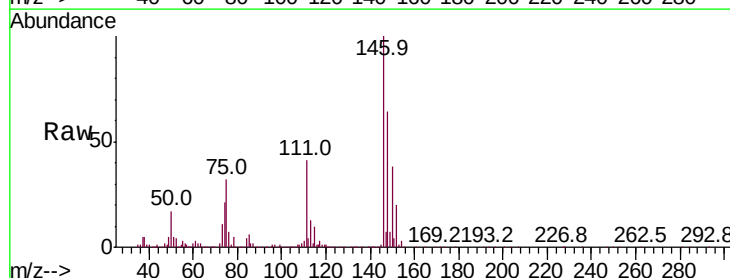
Instrument :
 MSVOA_X
 ClientSampled :

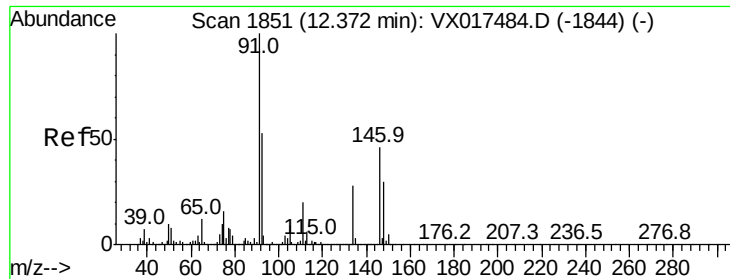
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.9	59.7
148	61.9	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.482 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.3	57.8
148	63.1	32.2	96.6

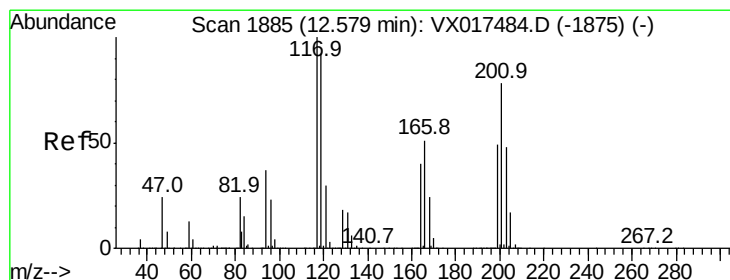
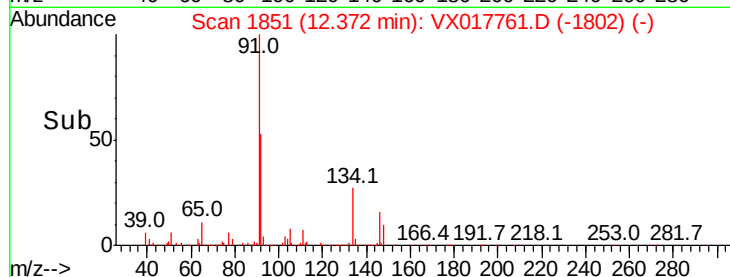
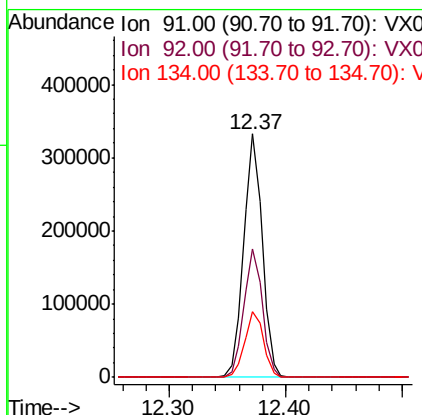
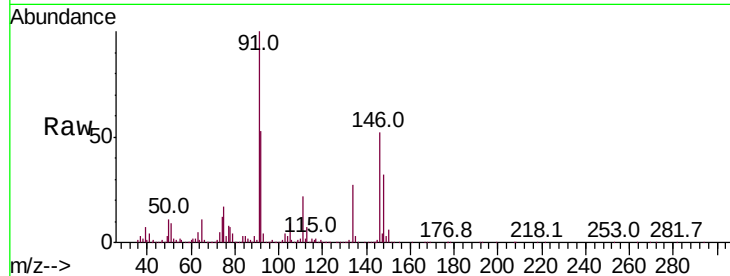




#89
n-Butylbenzene
Concen: 17.606 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

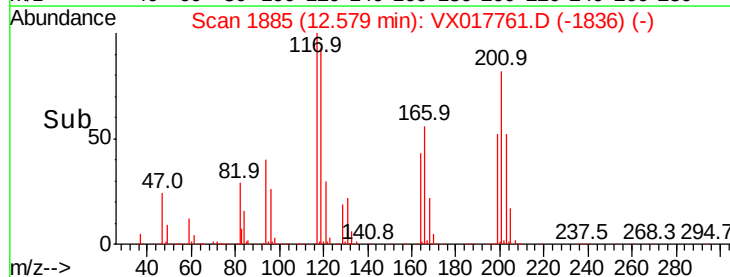
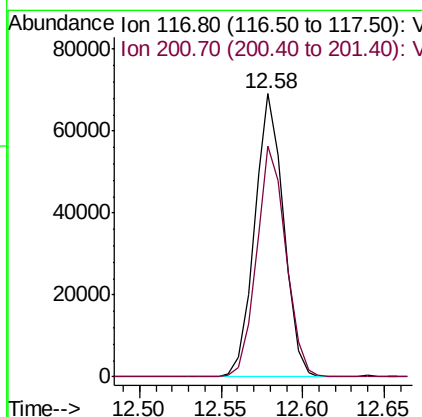
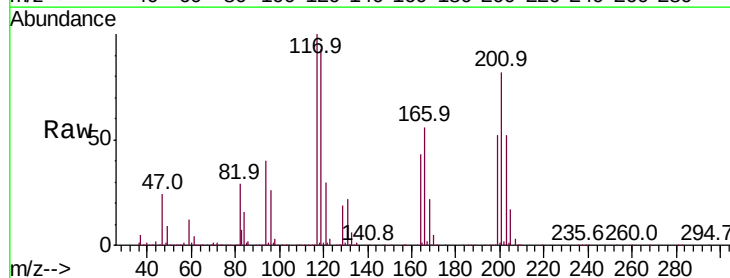
Instrument :
MSVOA_X
ClientSampled :

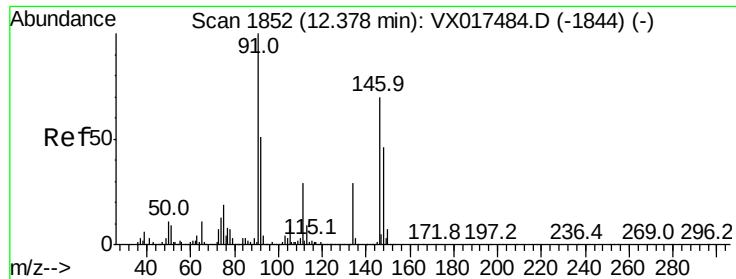
Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.7	80.1
134	27.4	13.6	40.7



#90
Hexachloroethane
Concen: 18.123 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.3	42.2	126.6





#91

1,2-Dichlorobenzene

Concen: 18.401 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017761.D

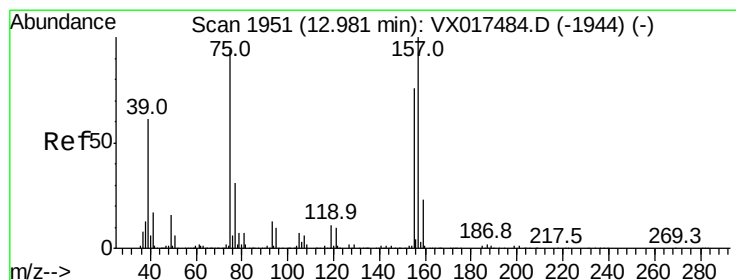
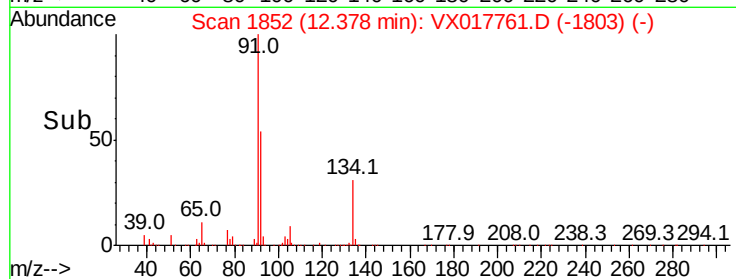
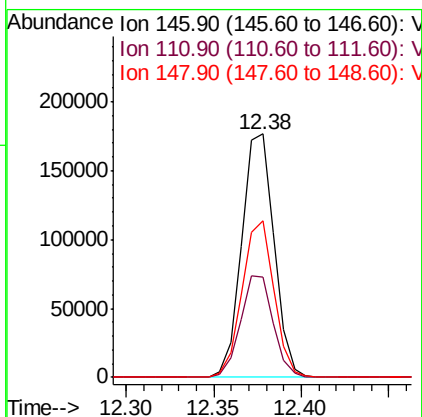
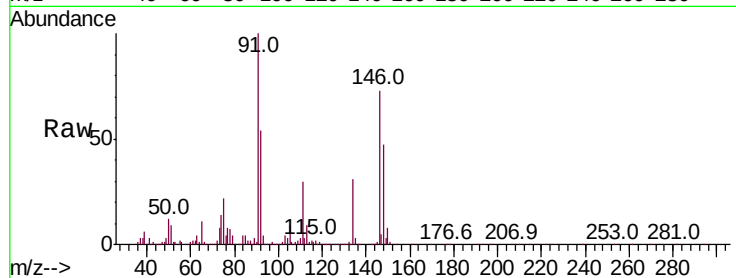
Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	228117
Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.9	62.8
148	63.2	32.8	98.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.300 ug/l

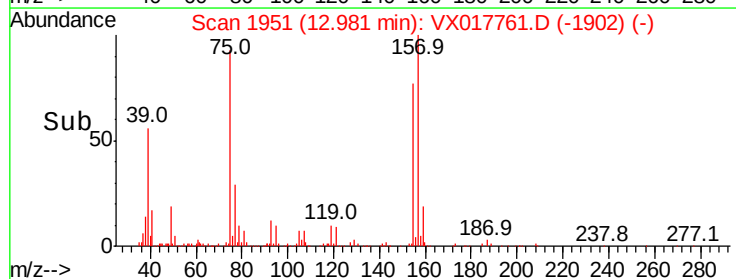
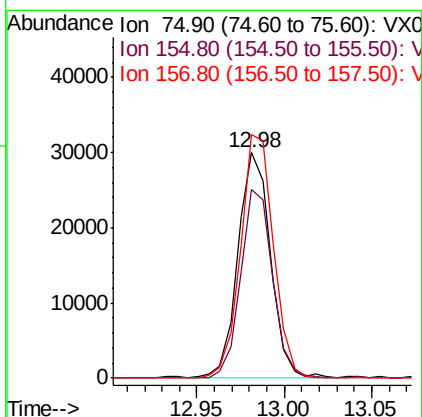
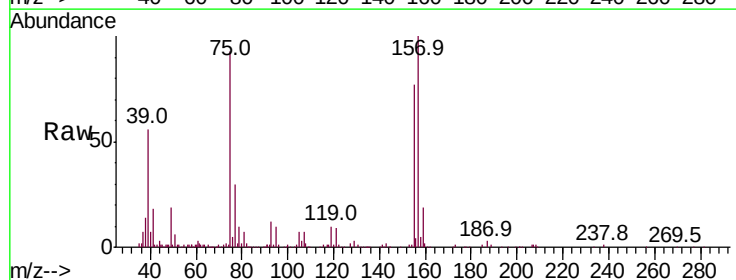
RT: 12.98 min Scan# 1951

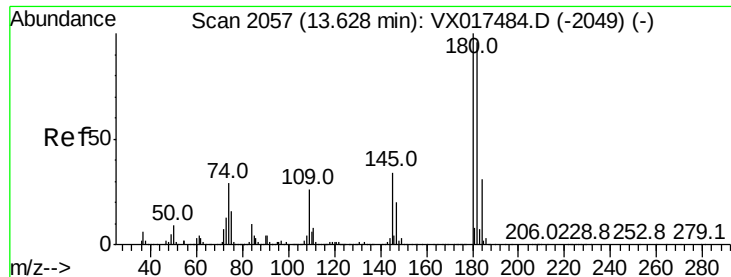
Delta R.T. 0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Tgt Ion:	75	Resp:	38393
Ion	Ratio	Lower	Upper
75	100		
155	82.6	42.3	126.8
157	110.0	54.3	162.9





#93

1,2,4-Trichlorobenzene

Concen: 17.288 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

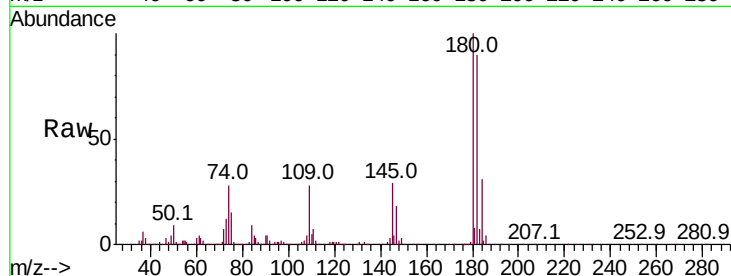
Tot Ion:180 Resp: 146267

Ion Ratio Lower Upper

180 100

182 94.1 47.5 142.6

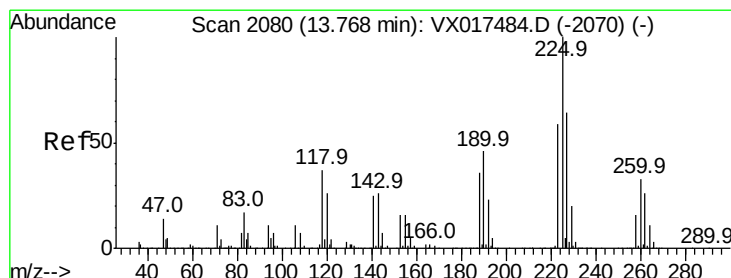
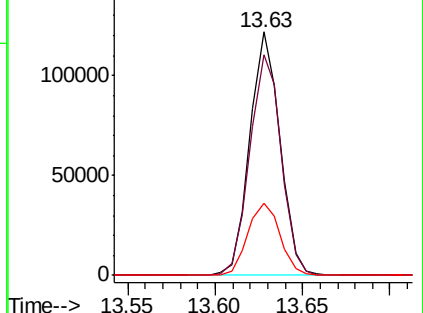
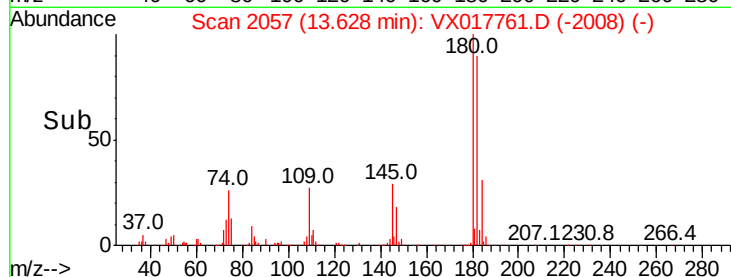
145 31.5 15.4 46.4



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: 17.089 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

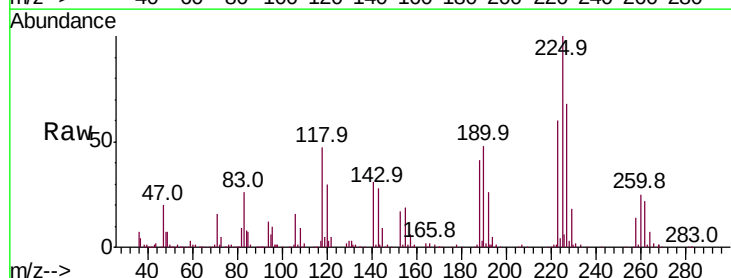
Tgt Ion:225 Resp: 66554

Ion Ratio Lower Upper

225 100

223 63.9 30.3 90.9

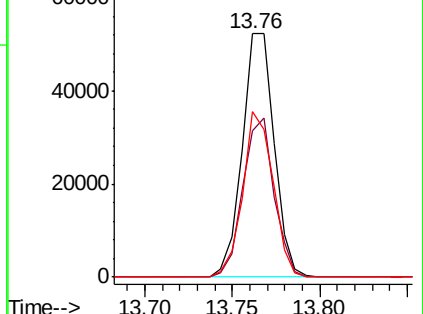
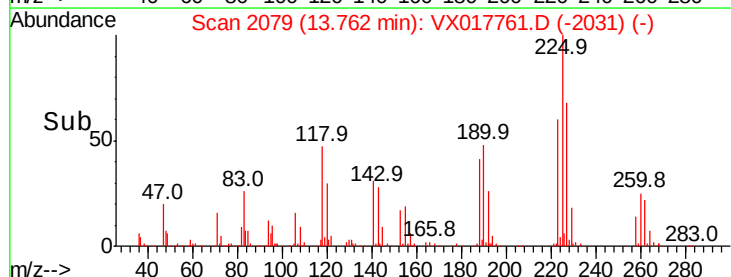
227 64.6 31.1 93.2

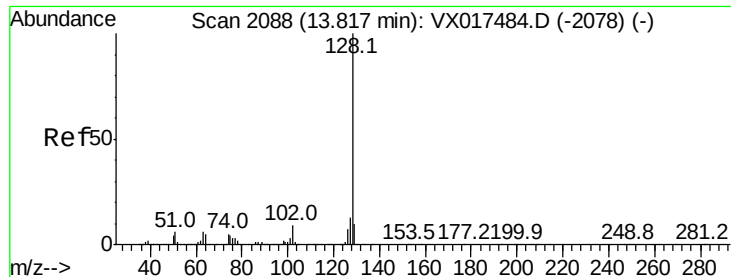


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

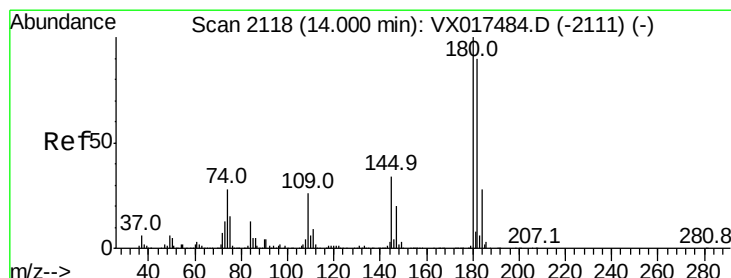
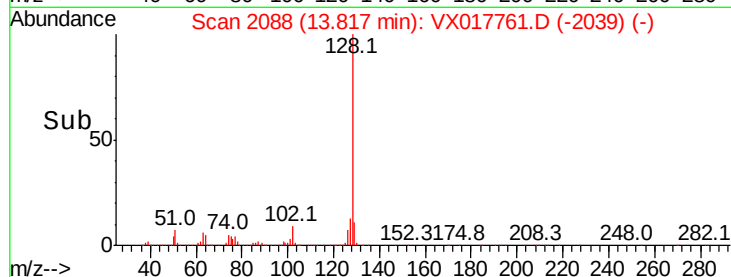
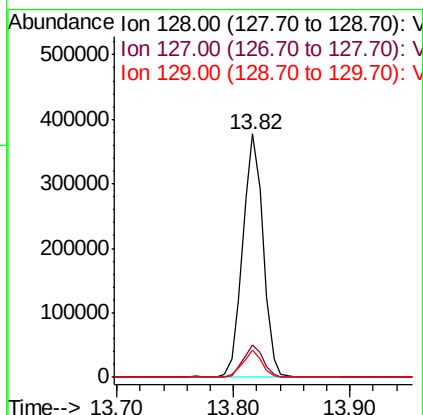
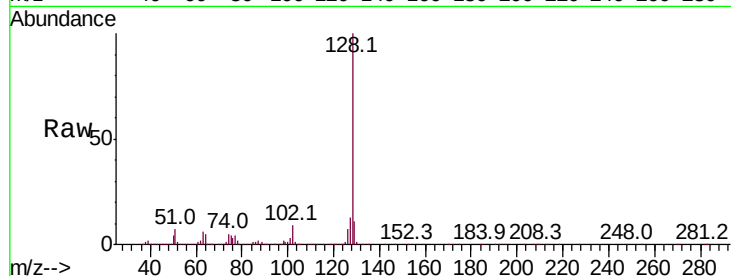




#95
Naphthalene
Concen: 18.264 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 461288
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.280 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion:180 Resp: 152709
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.3
145 32.8 16.3 48.9

