

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
 Data File : VX017611.D
 Acq On : 27 Jul 2020 10:54
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 27 11:37:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:26:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	100254	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	561471	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	516765	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	243008	33.57	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	111.90%
60) 4-Bromofluorobenzene	11.12	95	257995	28.88	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.27%
63) Toluene-d8	8.70	98	673548	29.80	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	1237571	239.762	ug/l 95
3) Chloromethane	1.31	50	1227521	230.049	ug/l 98
4) Vinyl Chloride	1.39	62	1197969	218.039	ug/l 99
5) Bromomethane	1.62	94	645189	180.522	ug/l 96
6) Chloroethane	1.70	64	662011	191.526	ug/l 99
7) Trichlorofluoromethane	1.91	101	1732649	187.240	ug/l 99
8) Diethyl Ether	2.17	74	501883	161.752	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	743596	154.489	ug/l 99
10) 1,1-Dichloroethene	2.35	96	692789	147.078	ug/l 97
11) Methyl Iodide	2.49	142	1095847	193.184	ug/l 99
12) Methyl Acetate	2.75	43	1145224	171.454	ug/l 98
13) Acrolein	2.28	56	860593	991.232	ug/l 100
14) Acrylonitrile	3.12	53	2528227	854.386	ug/l 100
15) Acetone	2.42	58	656764	858.659	ug/l 98
16) Carbon Disulfide	2.54	76	1984430	156.812	ug/l 99
17) Allyl chloride	2.70	41	1417675	160.756	ug/l 97
18) Methylene Chloride	2.83	84	847243	146.884	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	797610	148.282	ug/l 98
20) Diisopropyl ether	3.83	45	2703195	154.167	ug/l 98
21) 1,1-Dichloroethane	3.67	63	1497865	154.034	ug/l 97
22) cis-1,2-Dichloroethene	4.57	96	910460	146.676	ug/l 99
23) tert-Butyl Alcohol	3.03	59	1153617	911.715	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	3056130	168.290	ug/l 98
25) Chloroform	5.18	83	1731119	164.472	ug/l 99
26) Cyclohexane	5.55	56	1485113	190.890	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	1194595	149.840	ug/l 97
30) 2-Butanone	4.64	43	3396548	775.495	ug/l 99
31) 2,2-Dichloropropane	4.55	77	1402348	138.772	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	1587244	152.055	ug/l 98
33) Carbon Tetrachloride	5.76	117	1444199	149.050	ug/l 98
34) Benzene	6.11	78	3442317	147.994	ug/l 97
35) Methacrylonitrile	5.01	41	773789	156.826	ug/l 96
36) 1,2-Dichloroethane	6.17	62	1446213	155.072	ug/l 100
37) Trichloroethene	7.19	130	1030001	143.581	ug/l 97
38) Methylcyclohexane	7.44	83	1548874	180.972	ug/l 99
39) 1,2-Dichloropropane	7.49	63	961356	155.115	ug/l 99
40) Dibromomethane	7.64	93	675459	151.116	ug/l 97

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDICC150

Quant Time: Jul 27 11:37:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:26:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	1482033	157.469	ug/l	# 94
42) Vinyl Acetate	3.79	43	10260973	632.873	ug/l	99
43) Ethyl Acetate	4.80	43	1199117	142.249	ug/l	100
44) Isopropyl Acetate	6.42	43	2279640	160.931	ug/l	99
45) 1,4-Dioxane	7.72	88	484407	3485.904	ug/l	97
46) Methyl methacrylate	7.75	41	1183076	171.774	ug/l	95
47) n-amyl Acetate	10.88	43	1884790	150.594	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	1671841	159.870	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	1698515	155.062	ug/l	96
50) 1,1,2-Trichloroethane	9.20	97	961291	146.424	ug/l	99
51) Ethyl methacrylate	9.16	69	1564432	161.317	ug/l	99
52) 1,3-Dichloropropane	9.35	76	1583413	149.099	ug/l	99
53) Dibromochloromethane	9.57	129	1243808	156.329	ug/l	99
54) 1,2-Dibromoethane	9.65	107	1044102	149.339	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	3872911	849.817	ug/l	99
56) Bromoform	10.84	173	961496	153.203	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	7059818	803.280	ug/l	99
59) 2-Hexanone	9.48	43	5156564	802.856	ug/l	99
61) Tetrachloroethene	9.32	164	969405	141.195	ug/l	98
62) Toluene	8.77	91	3839709	148.746	ug/l	99
64) Chlorobenzene	10.12	112	2539575	151.884	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	1058997	152.890	ug/l	98
66) Ethyl Benzene	10.24	91	4229978	149.025	ug/l	98
67) m/p-Xylenes	10.34	106	3217556	295.446	ug/l	95
68) o-Xylene	10.68	106	1619342	154.539	ug/l	96
69) Styrene	10.70	104	2857978	154.332	ug/l	99
70) Isopropylbenzene	11.00	105	4538625	154.234	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	1296077	144.830	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	1682680	190.667	ug/l	92
73) Bromobenzene	11.24	156	1200590	146.828	ug/l	99
74) n-propylbenzene	11.35	91	5652546	168.359	ug/l	99
75) 2-Chlorotoluene	11.41	91	3149243	154.950	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	4078420	165.263	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	523909	150.817	ug/l	97
78) 4-Chlorotoluene	11.49	91	3806789	158.390	ug/l	100
79) tert-butylbenzene	11.76	119	3822349	159.384	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	4174945	168.140	ug/l	100
81) sec-Butylbenzene	11.93	105	4591525	165.720	ug/l	99
82) p-Isopropyltoluene	12.05	119	4184860	158.712	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	2251380	155.771	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	2267122	154.743	ug/l	100
85) n-Butylbenzene	12.37	91	3820368	166.526	ug/l	98
86) Hexachloroethane	12.58	117	889515	172.304	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	2125753	151.336	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	377250	170.468	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	1714906	171.808	ug/l	99
90) Hexachlorobutadiene	13.77	225	769405	188.884	ug/l	97
91) Naphthalene	13.82	128	5237863	172.289	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	1624408	165.512	ug/l	97

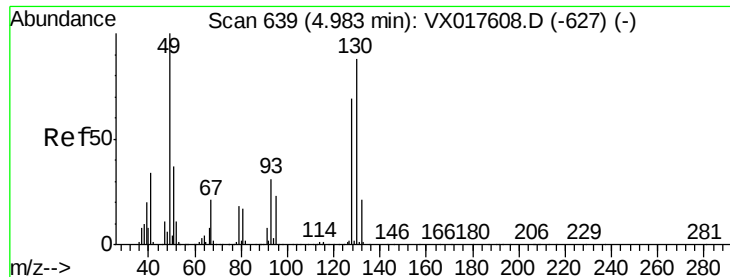
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
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MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Jul 27 11:37:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 27 11:26:34 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

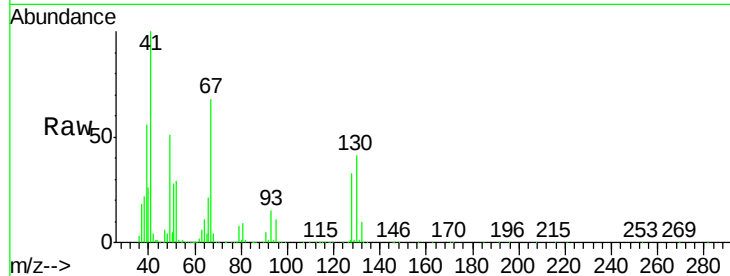
Tot Ion:128 Resp: 100254

Ion Ratio Lower Upper

128 100

49 154.2 0.0 376.0

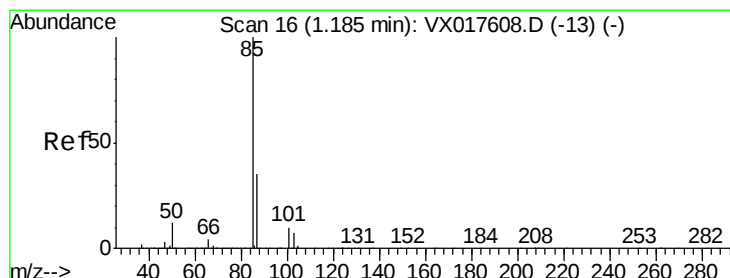
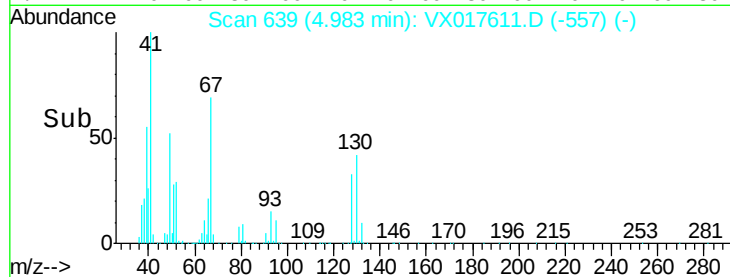
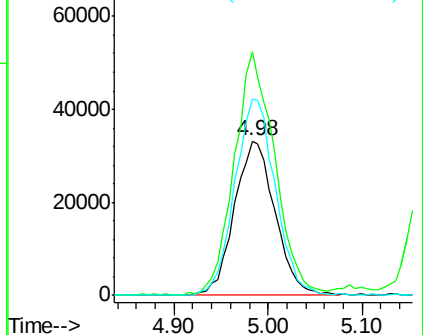
130 126.5 0.0 323.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 239.762 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017611.D

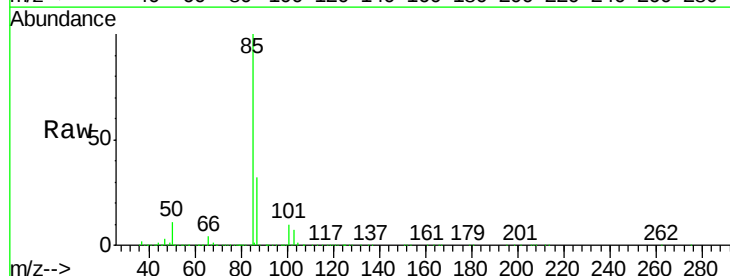
Acq: 27 Jul 2020 10:54

Tgt Ion: 85 Resp: 1237571

Ion Ratio Lower Upper

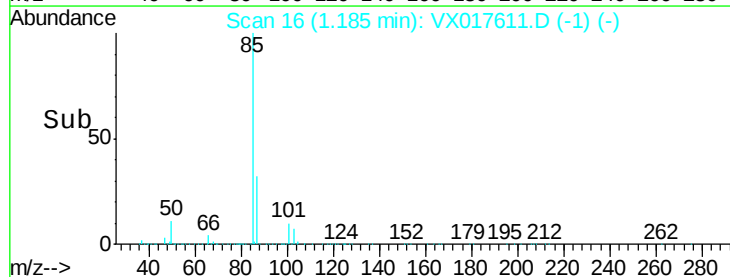
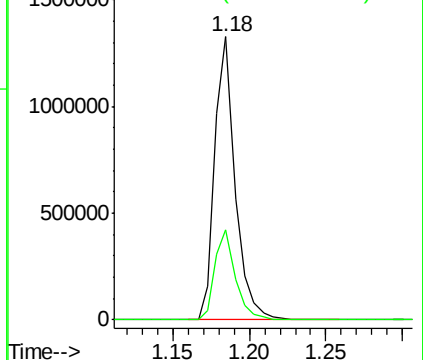
85 100

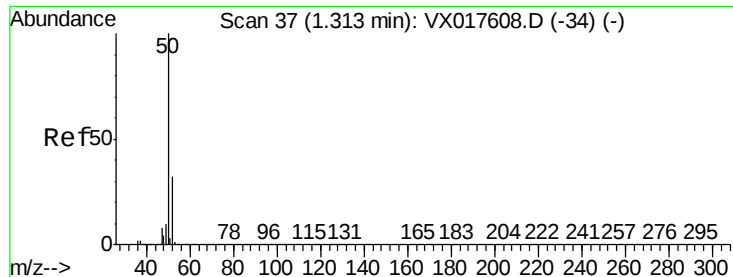
87 32.0 17.3 51.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 230.049 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

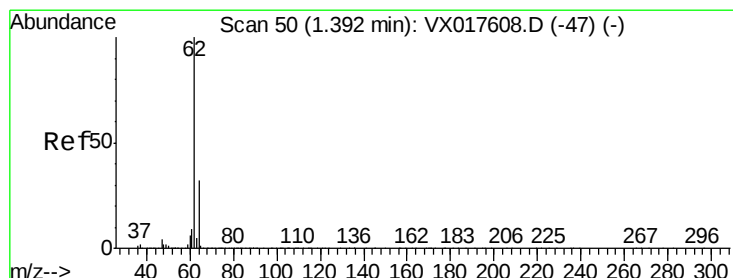
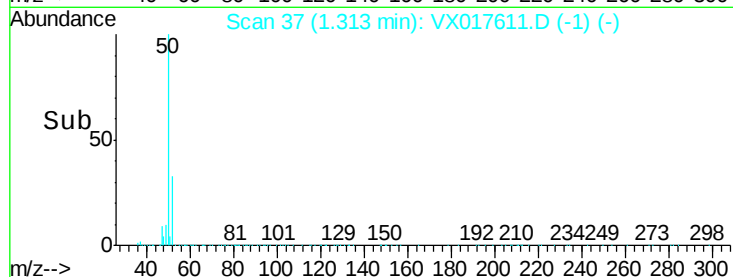
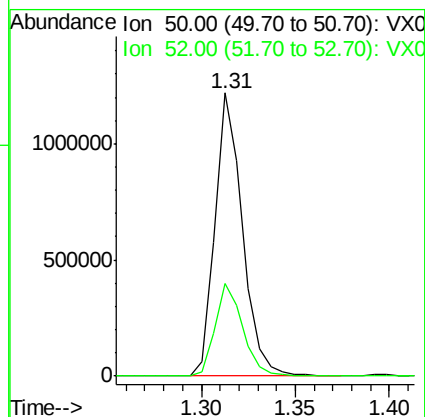
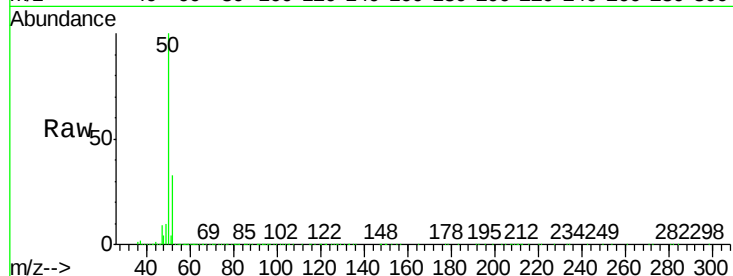
VSTDIC150

Tot Ion: 50 Resp: 1227521

Ion Ratio Lower Upper

50 100

52 32.8 25.5 38.3



#4

Vinyl Chloride

Concen: 218.039 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017611.D

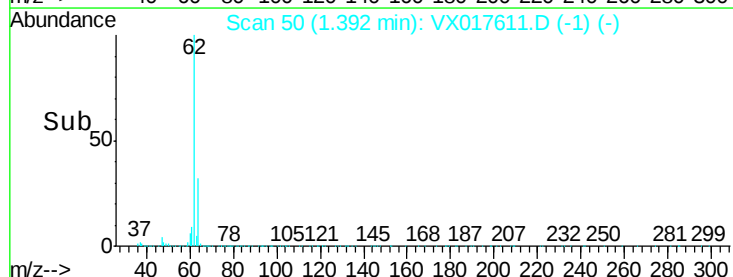
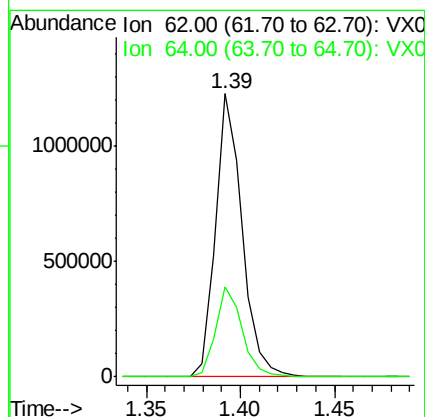
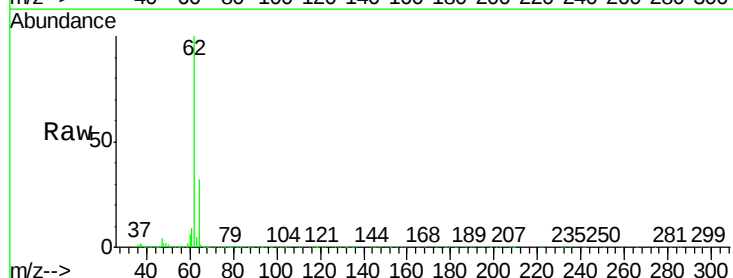
Acq: 27 Jul 2020 10:54

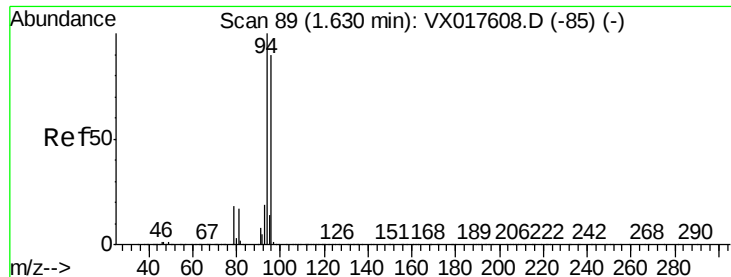
Tgt Ion: 62 Resp: 1197969

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.8





#5

Bromomethane

Concen: 180.522 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

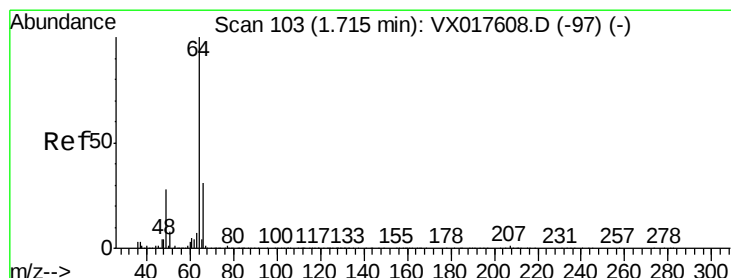
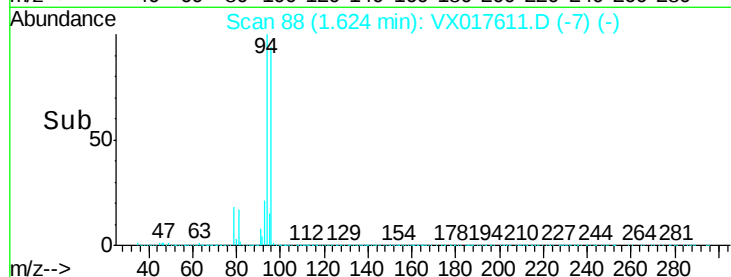
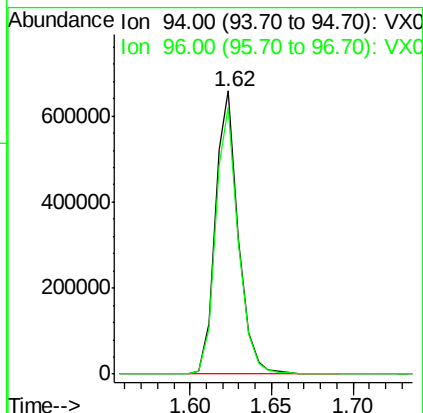
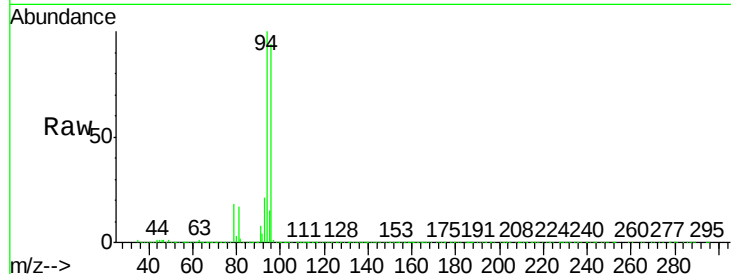
VSTDIC150

Tot Ion: 94 Resp: 645189

Ion Ratio Lower Upper

94 100

96 94.3 72.5 108.7



#6

Chloroethane

Concen: 191.526 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.02 min

Lab File: VX017611.D

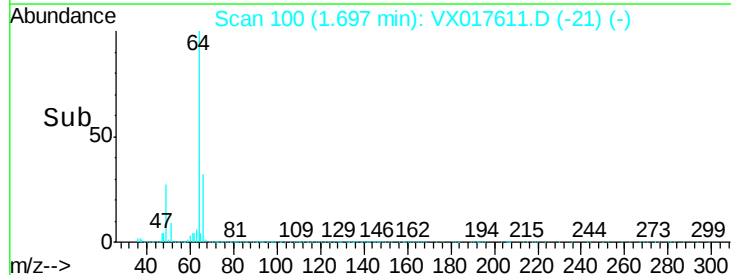
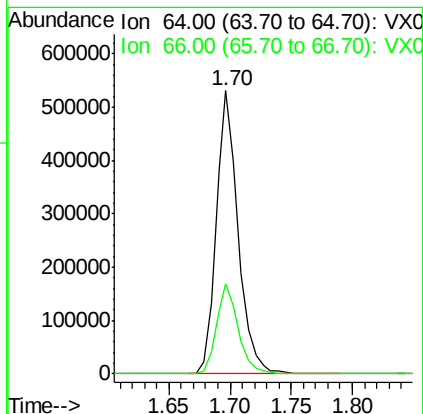
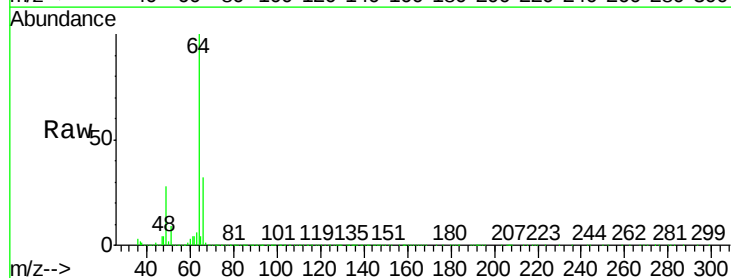
Acq: 27 Jul 2020 10:54

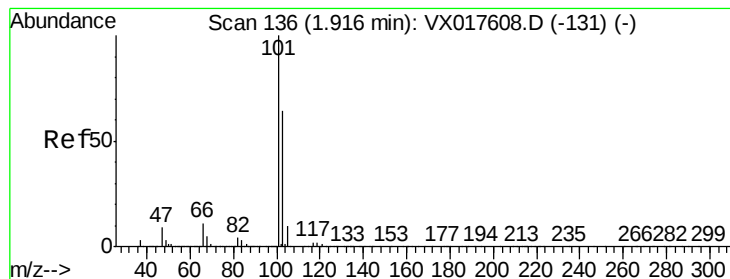
Tgt Ion: 64 Resp: 662011

Ion Ratio Lower Upper

64 100

66 32.0 25.1 37.7



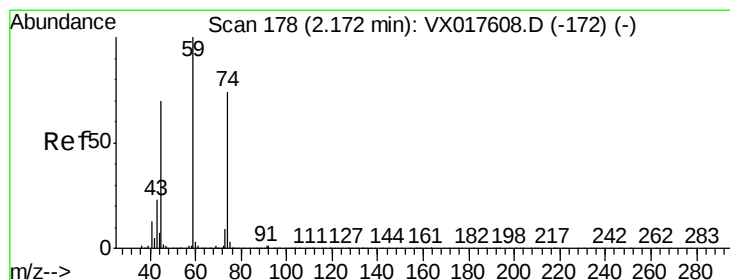
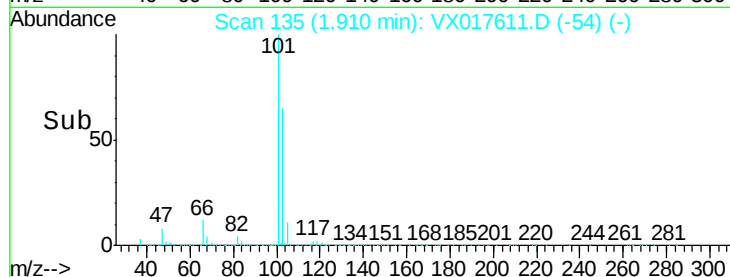
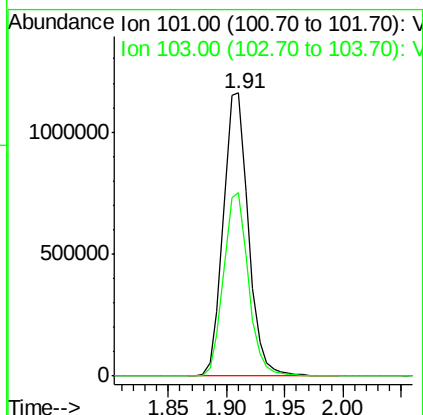
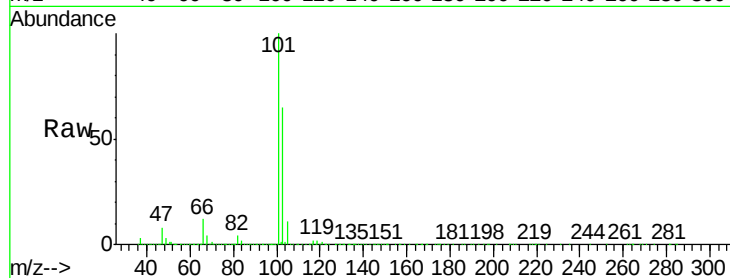


#7

Trichlorofluoromethane
Concen: 187.240 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

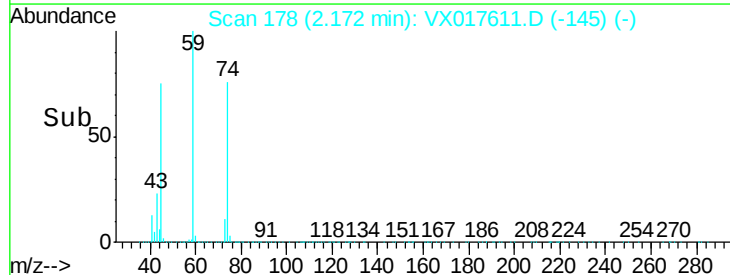
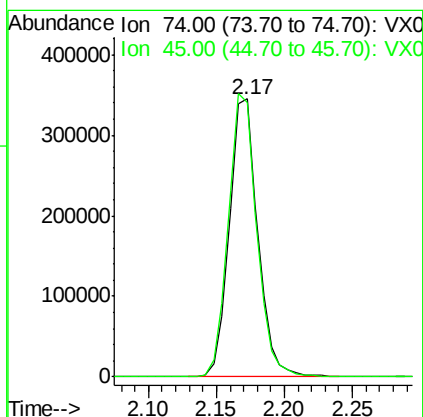
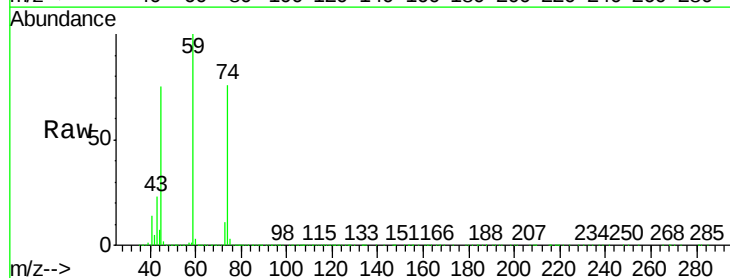
Tot Ion:101 Resp: 1732649
Ion Ratio Lower Upper
101 100
103 64.9 51.3 76.9

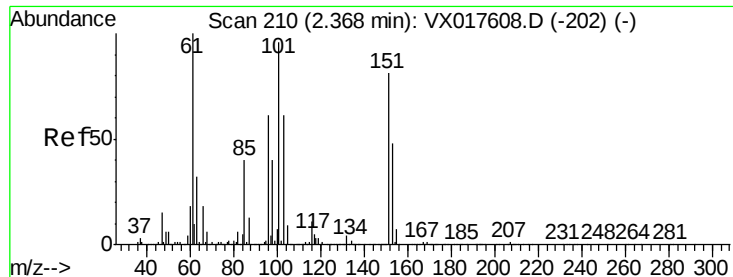


#8

Diethyl Ether
Concen: 161.752 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

Tgt Ion: 74 Resp: 501883
Ion Ratio Lower Upper
74 100
45 101.7 21.1 190.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 154.489 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

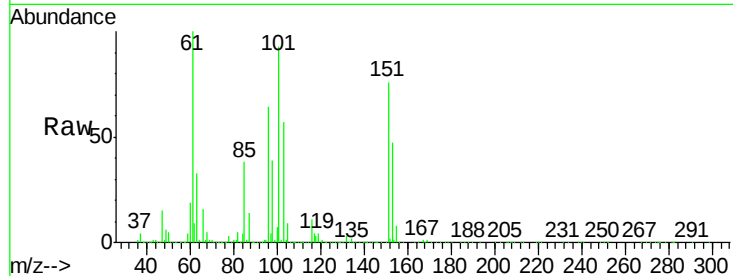
Tot Ion:101 Resp: 743596

Ion Ratio Lower Upper

101 100

85 43.8 0.0 90.6

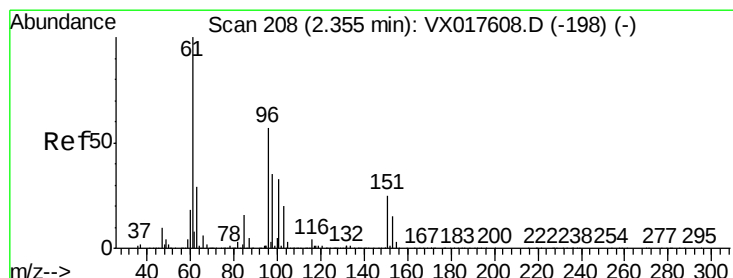
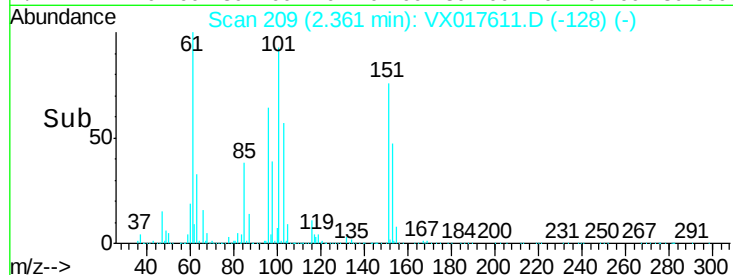
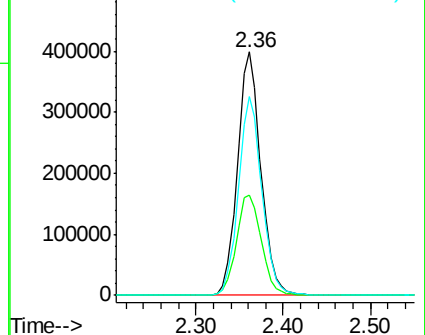
151 81.8 0.0 163.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 147.078 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

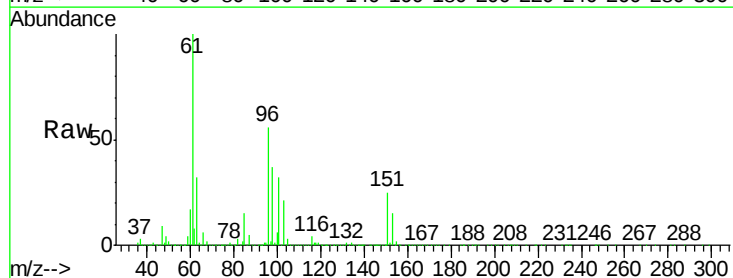
Tgt Ion: 96 Resp: 692789

Ion Ratio Lower Upper

96 100

61 179.6 141.2 211.8

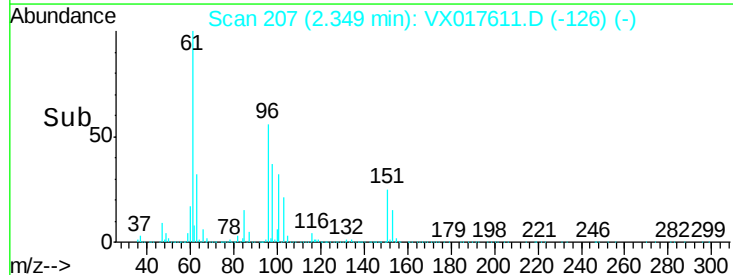
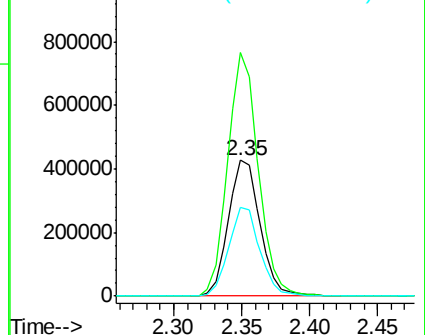
98 65.8 49.4 74.2

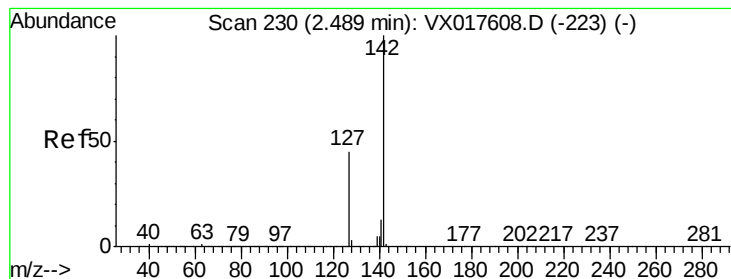


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 193.184 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

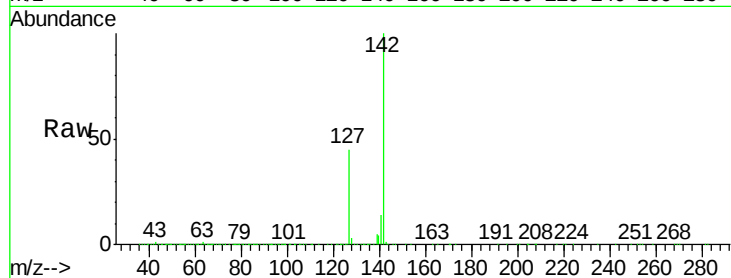
Tot Ion:142 Resp: 1095847

Ion Ratio Lower Upper

142 100

127 45.2 22.4 67.0

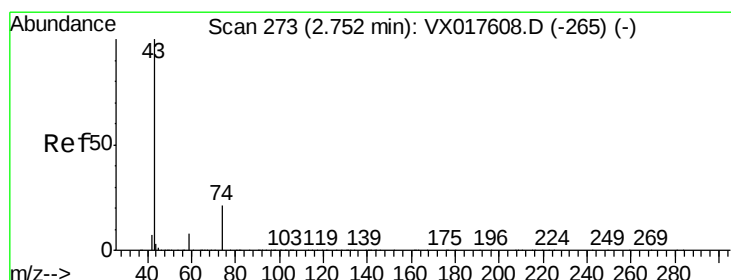
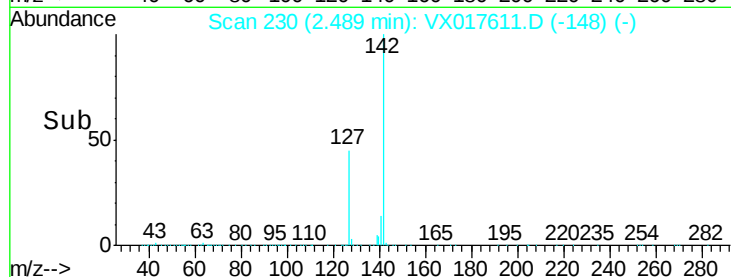
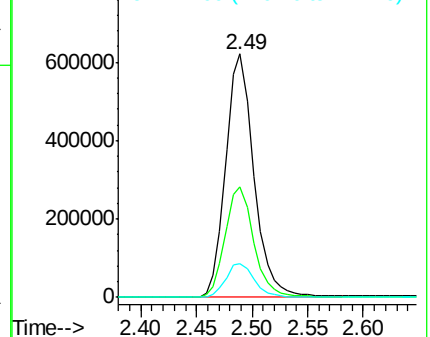
141 14.1 6.6 19.7



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 171.454 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017611.D

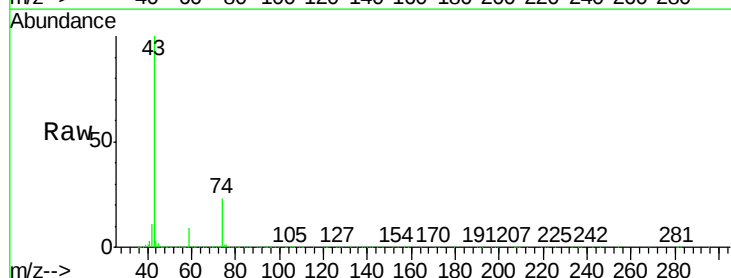
Acq: 27 Jul 2020 10:54

Tgt Ion: 43 Resp: 1145224

Ion Ratio Lower Upper

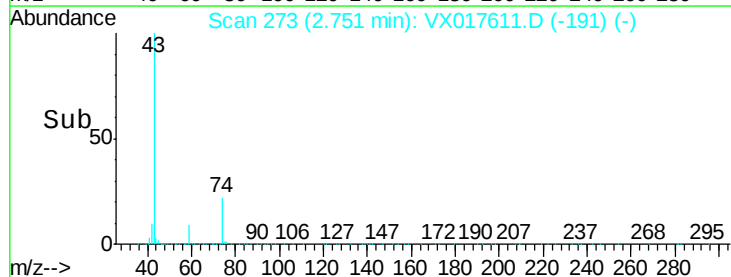
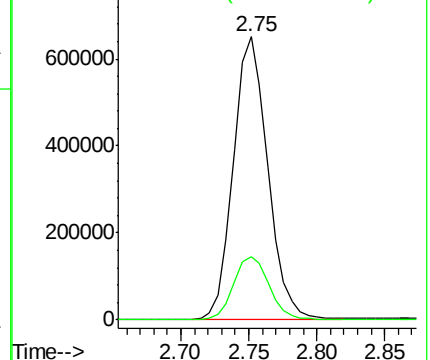
43 100

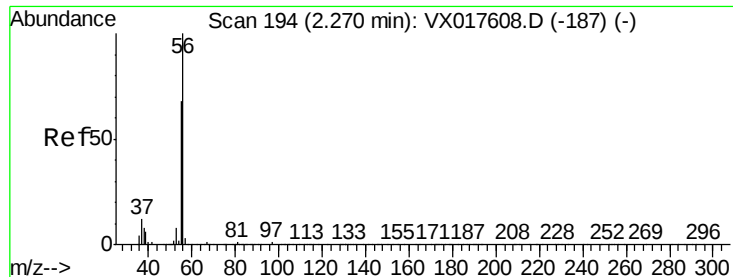
74 22.4 17.1 25.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

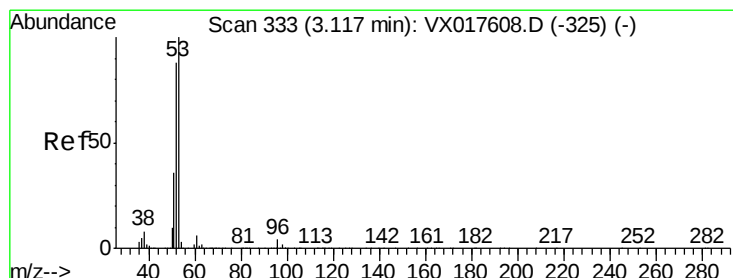
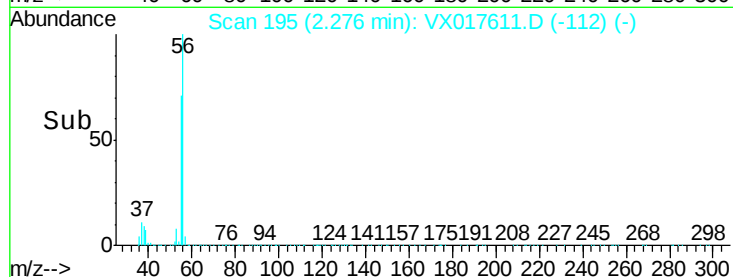
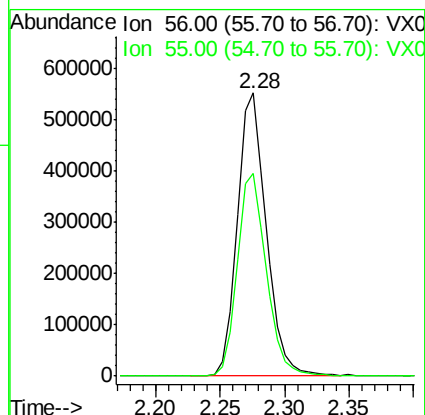
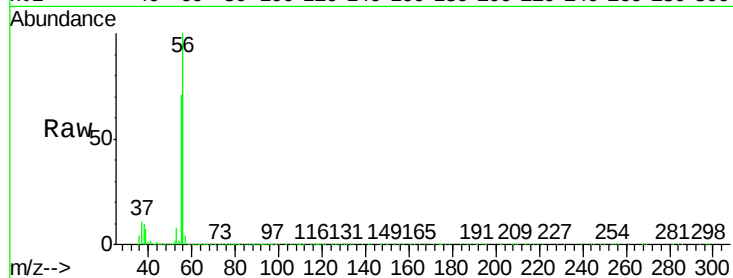




#13
Acrolein
Concen: 991.232 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

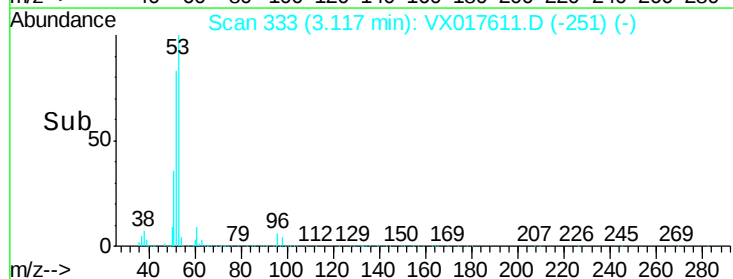
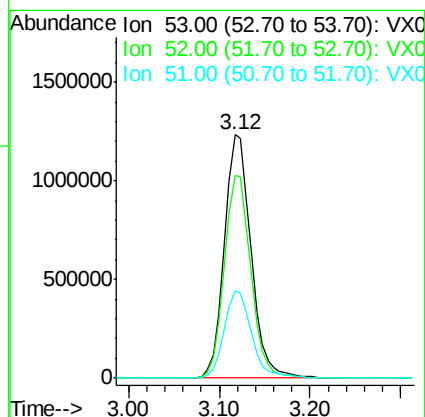
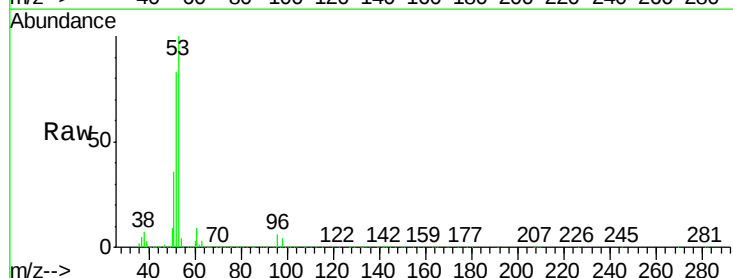
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

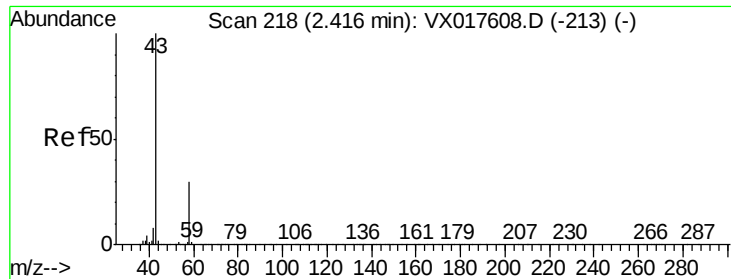
Tot Ion: 56 Resp: 860593
Ion Ratio Lower Upper
56 100
55 71.8 57.2 85.8



#14
Acrylonitrile
Concen: 854.386 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

Tgt Ion: 53 Resp: 2528227
Ion Ratio Lower Upper
53 100
52 83.2 41.4 124.4
51 36.7 18.4 55.2

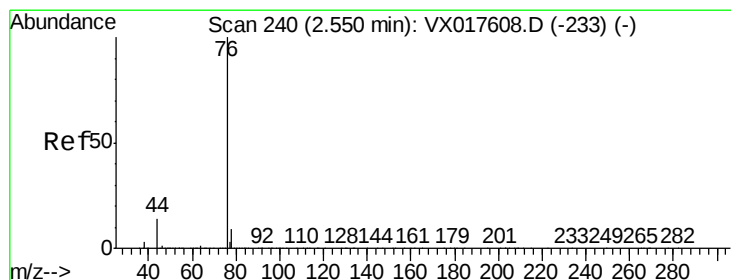
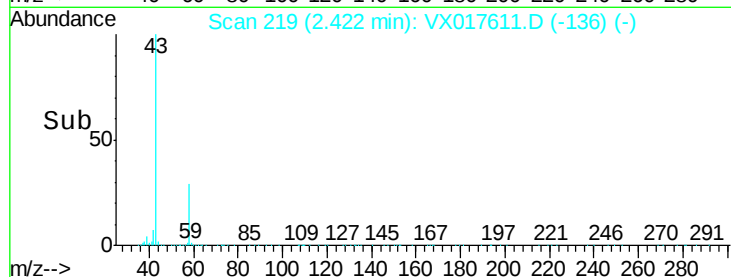
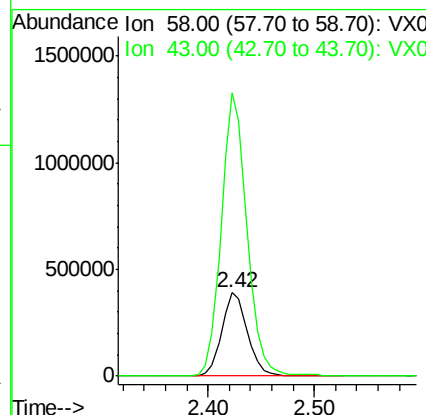
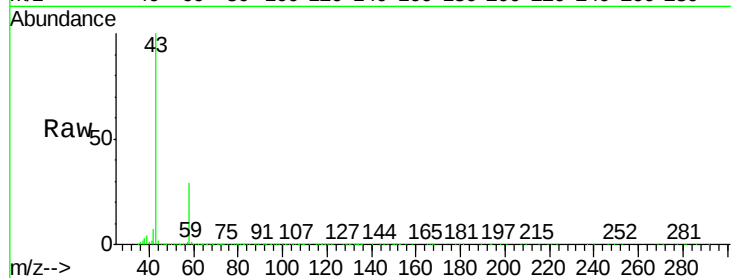




#15
Acetone
Concen: 858.659 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

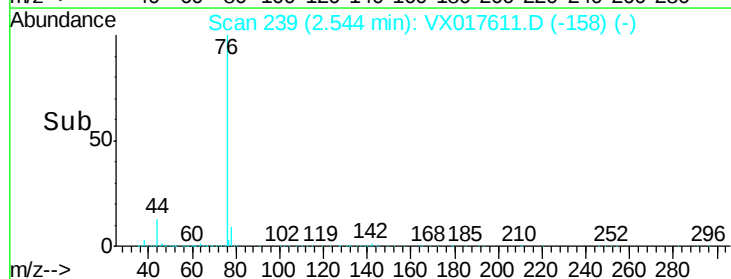
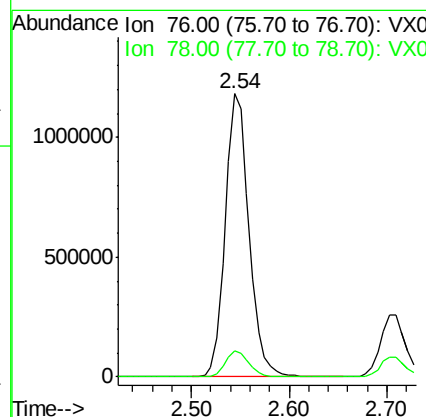
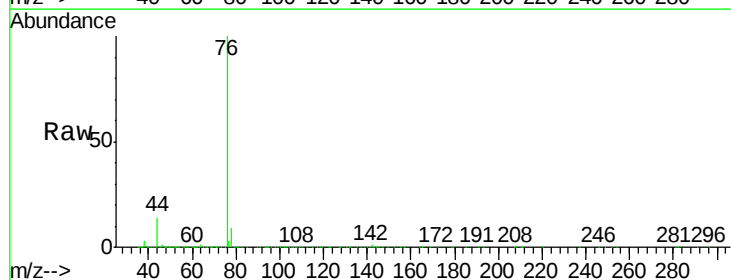
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

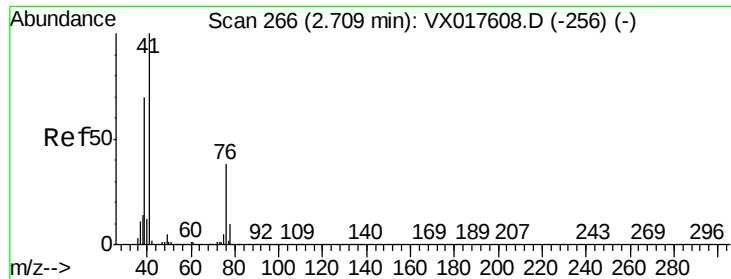
Tot Ion: 58 Resp: 656764
Ion Ratio Lower Upper
58 100
43 340.4 268.6 402.8



#16
Carbon Disulfide
Concen: 156.812 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

Tgt Ion: 76 Resp: 1984430
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

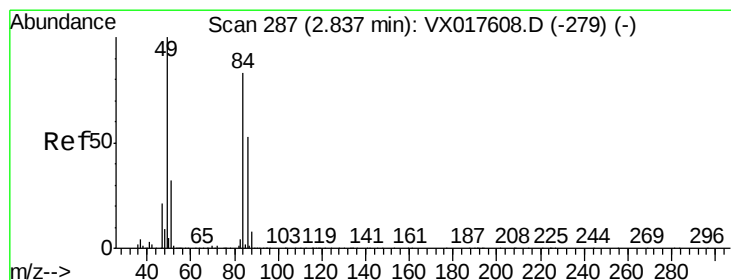
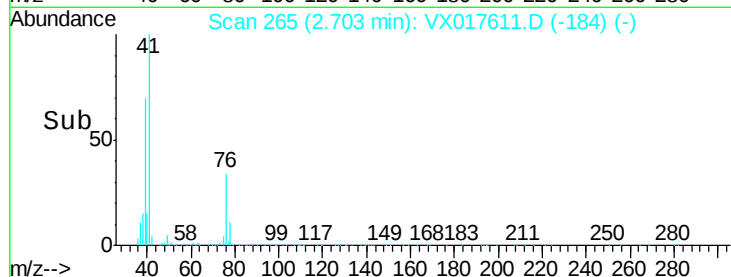
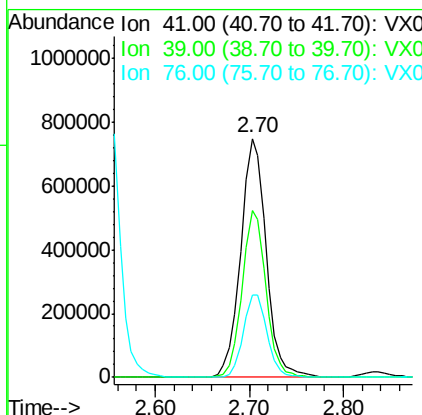
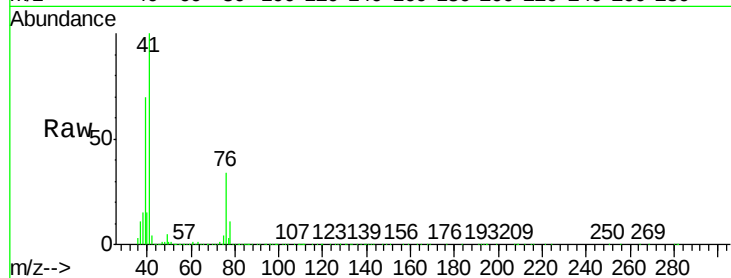




#17
Allvl chloride
Concen: 160.756 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

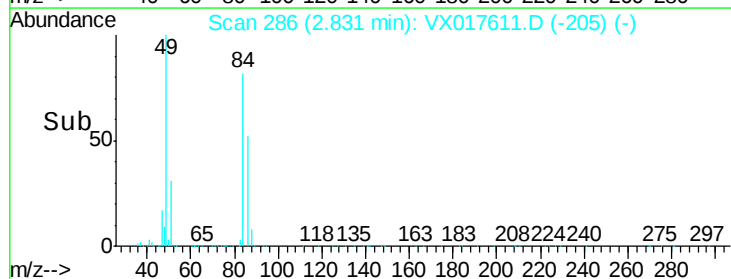
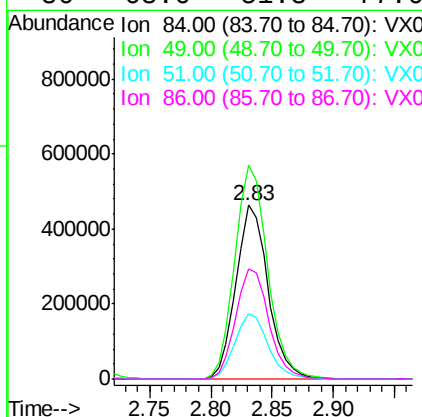
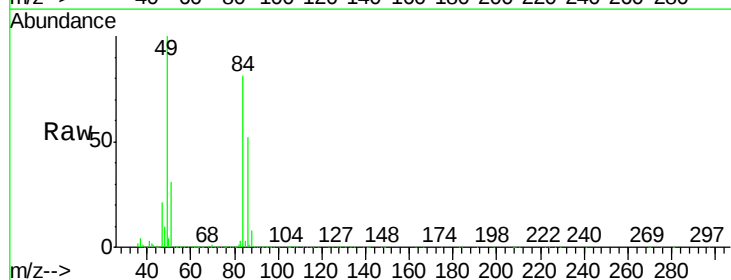
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

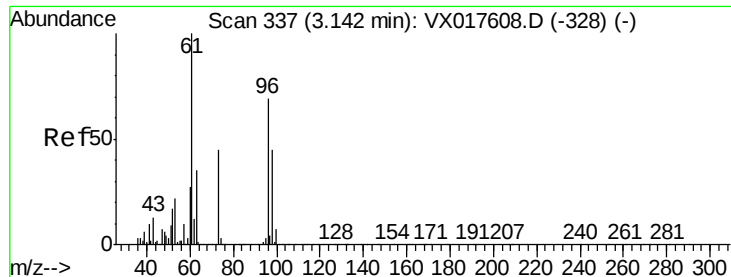
Tot Ion: 41 Resp: 1417675
Ion Ratio Lower Upper
41 100
39 70.1 34.8 104.5
76 34.3 19.1 57.3



#18
Methylene Chloride
Concen: 146.884 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

Tgt Ion: 84 Resp: 847243
Ion Ratio Lower Upper
84 100
49 122.9 96.7 145.1
51 37.6 31.0 46.4
86 63.6 51.8 77.6





#19

trans-1,2-Dichloroethene

Concen: 148.282 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

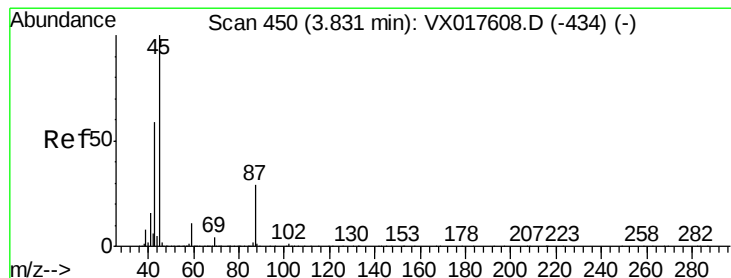
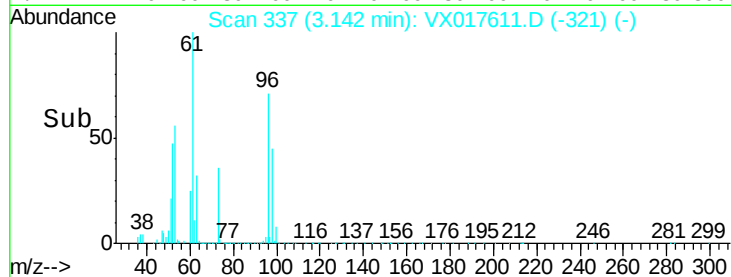
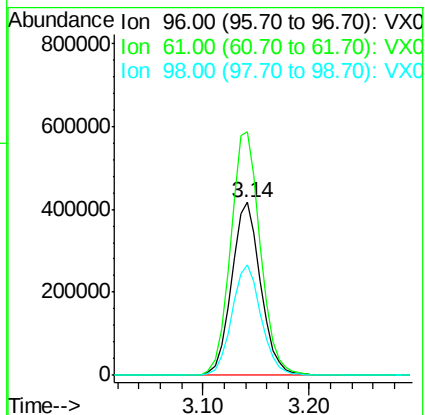
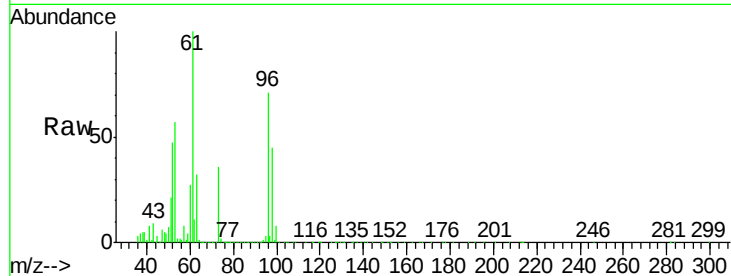
Tot Ion: 96 Resp: 797610

Ion Ratio Lower Upper

96 100

61 140.8 115.0 172.6

98 63.7 51.6 77.4



#20

Diisopropyl ether

Concen: 154.167 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Tgt Ion: 45 Resp: 2703195

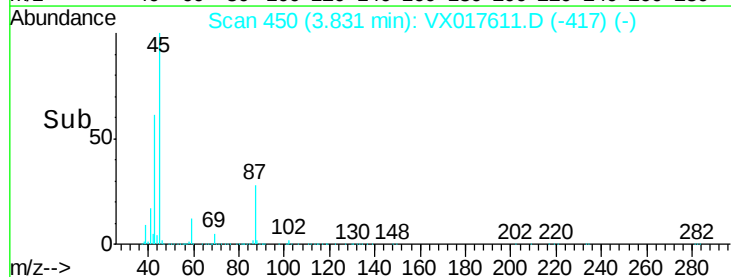
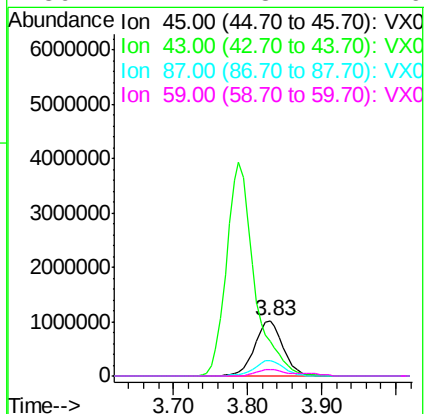
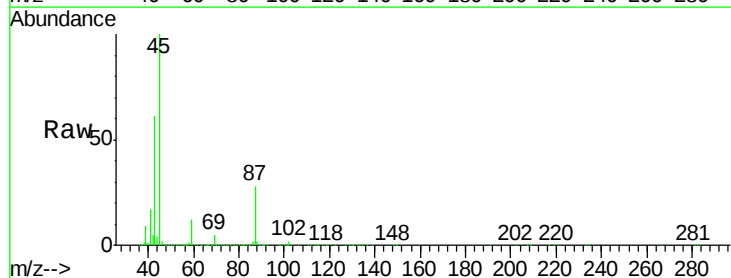
Ion Ratio Lower Upper

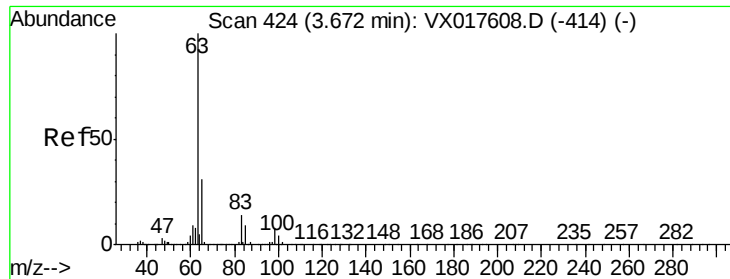
45 100

43 61.2 47.4 71.0

87 28.1 23.3 34.9

59 11.7 8.4 12.6

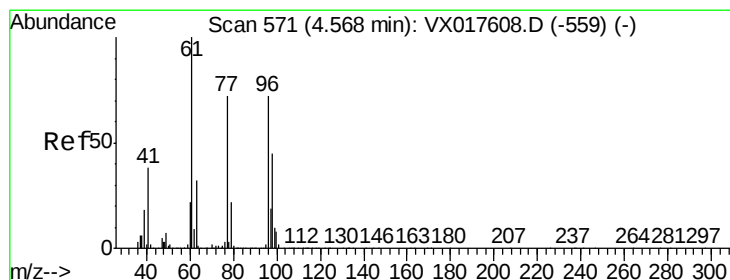
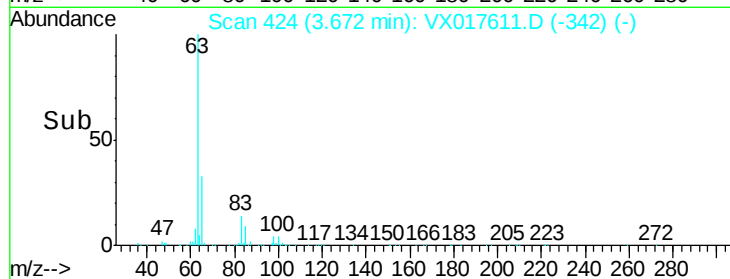
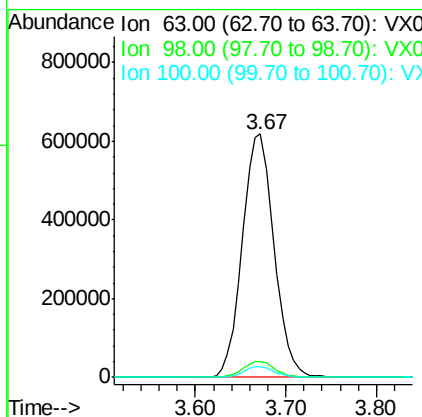
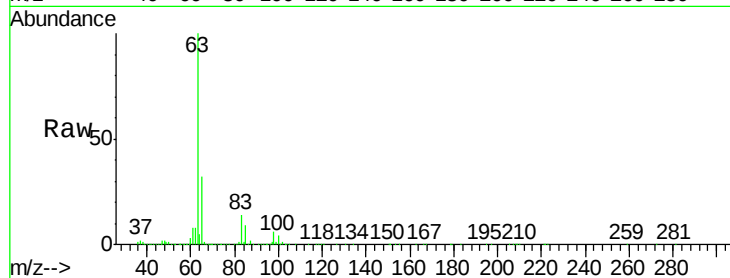




#21
 1,1-Dichloroethane
 Concen: 154.034 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017611.D
 Acq: 27 Jul 2020 10:54

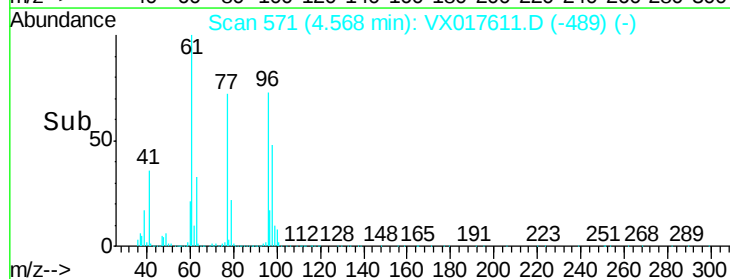
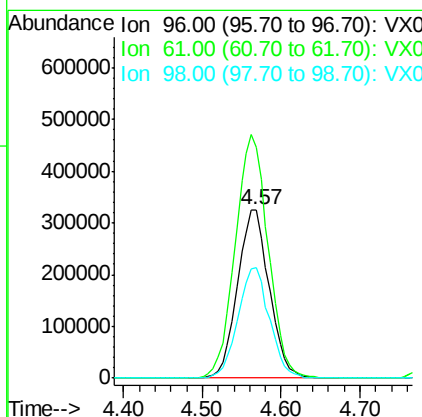
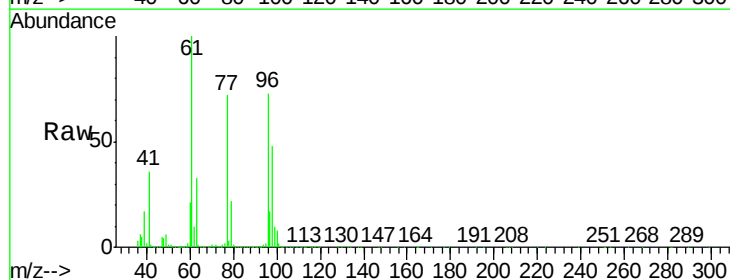
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

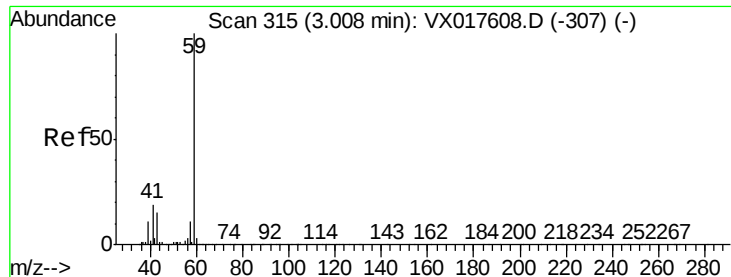
Tot Ion: 63 Resp: 1497865
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 4.4 1.9 5.7



#22
 cis-1,2-Dichloroethene
 Concen: 146.676 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX017611.D
 Acq: 27 Jul 2020 10:54

Tgt Ion: 96 Resp: 910460
 Ion Ratio Lower Upper
 96 100
 61 149.9 121.1 181.7
 98 65.3 51.4 77.2



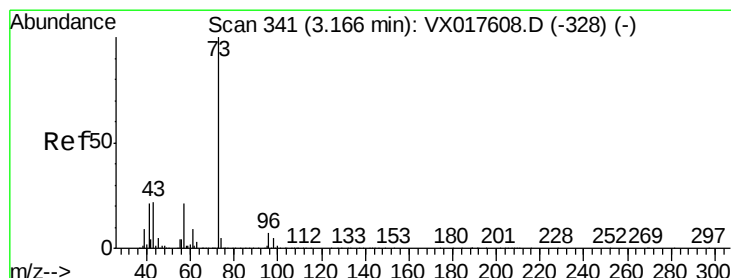
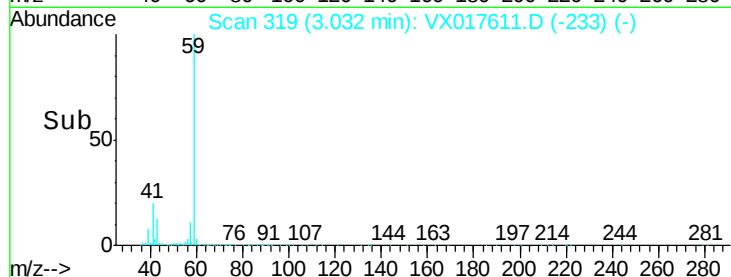
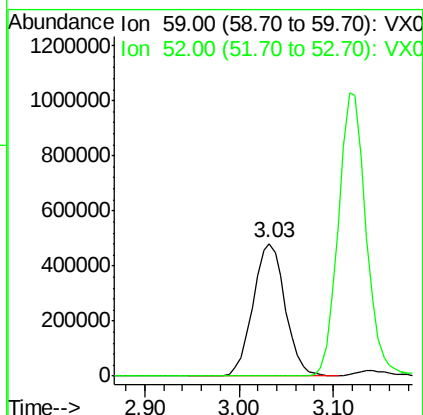
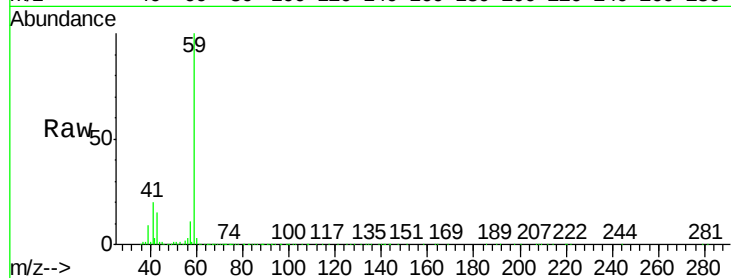


#23

tert-Butyl Alcohol
 Concen: 911.715 ug/l
 RT: 3.03 min Scan# 319
 Delta R.T. 0.02 min
 Lab File: VX017611.D
 Acq: 27 Jul 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

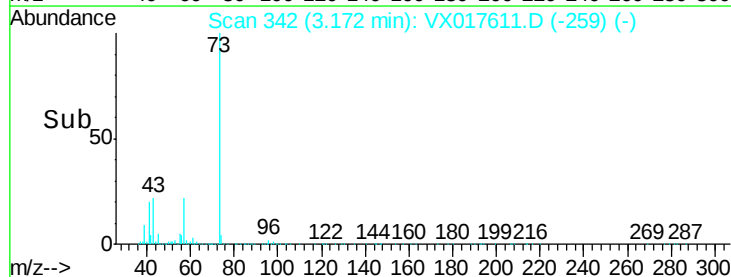
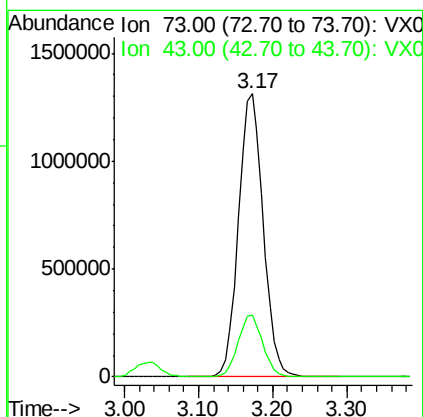
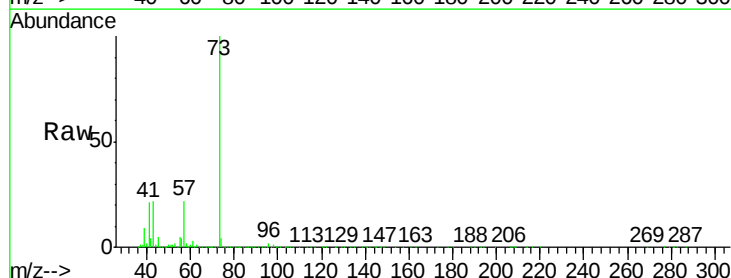
Tot Ion: 59 Resp: 1153617
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.4#

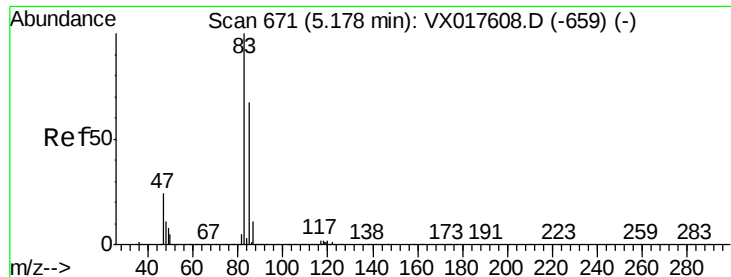


#24

Methyl tert-Butyl Ether
 Concen: 168.290 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX017611.D
 Acq: 27 Jul 2020 10:54

Tgt Ion: 73 Resp: 3056130
 Ion Ratio Lower Upper
 73 100
 43 21.7 18.1 27.1





#25

Chloroform

Concen: 164.472 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

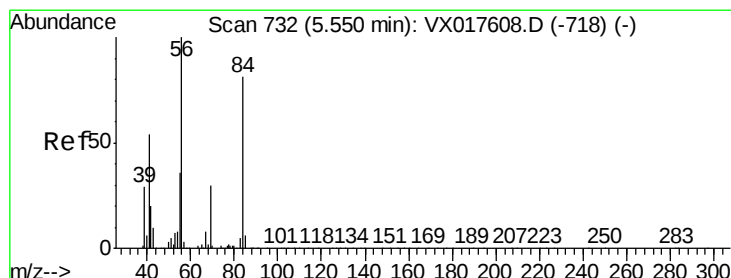
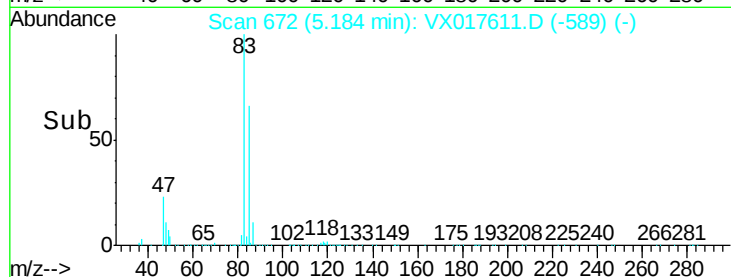
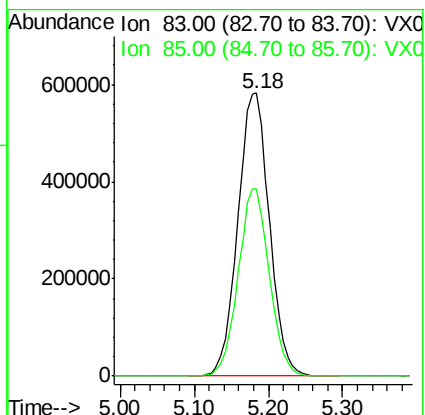
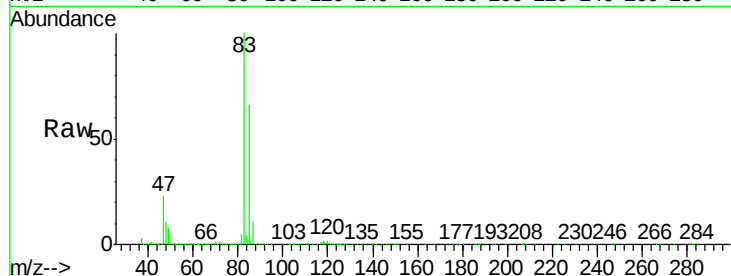
VSTDIC150

Tot Ion: 83 Resp: 1731119

Ion Ratio Lower Upper

83 100

85 66.0 53.7 80.5



#26

Cyclohexane

Concen: 190.890 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

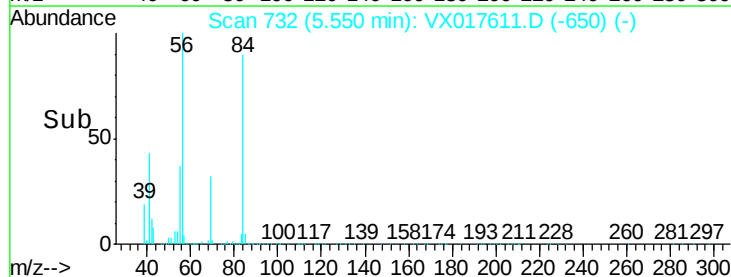
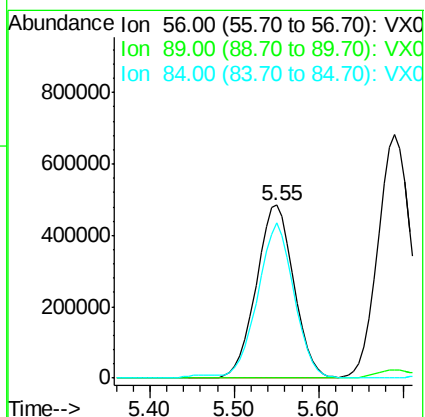
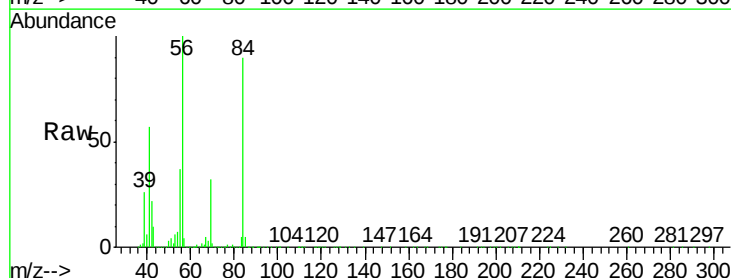
Tgt Ion: 56 Resp: 1485113

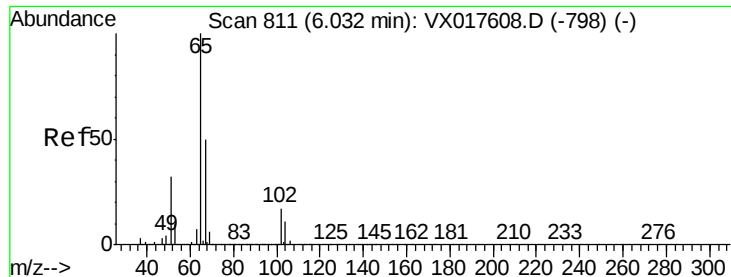
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 86.9 69.3 103.9





#27

1,2-Dichloroethane-d4

Concen: 33.566 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

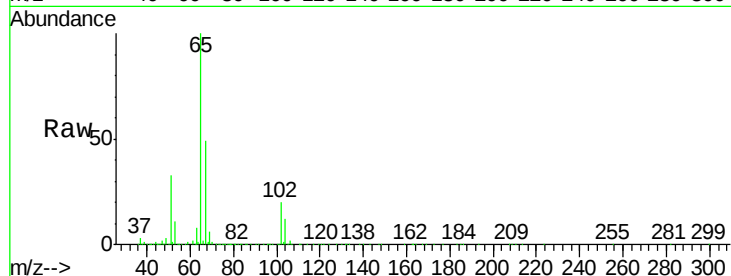
VSTDIC150

Tot Ion: 65 Resp: 243008

Ion Ratio Lower Upper

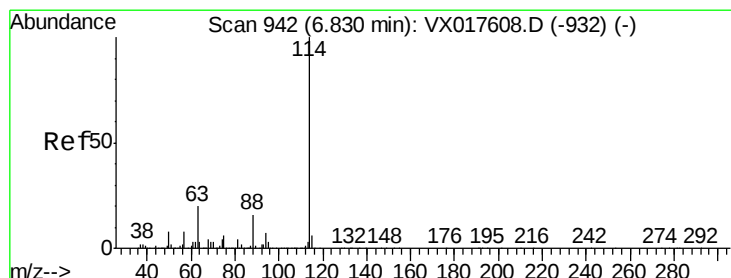
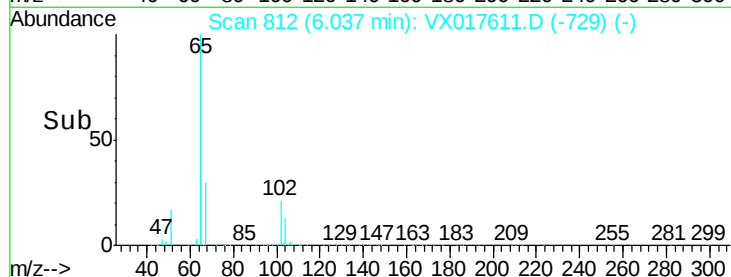
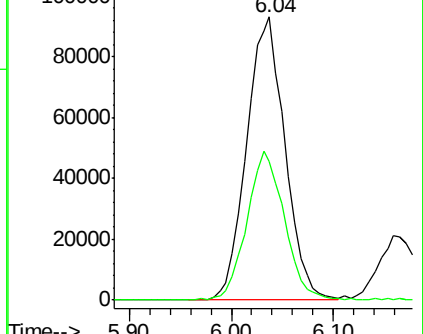
65 100

67 50.7 40.6 61.0



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

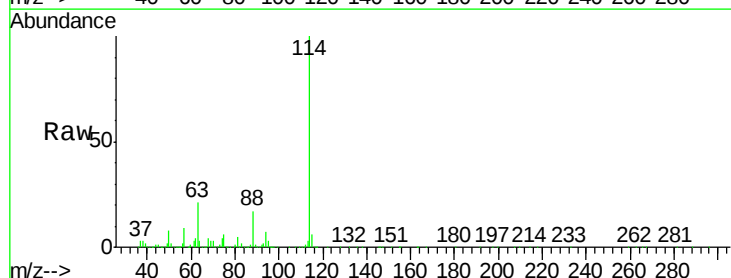
Tgt Ion: 114 Resp: 561471

Ion Ratio Lower Upper

114 100

63 20.6 16.3 24.5

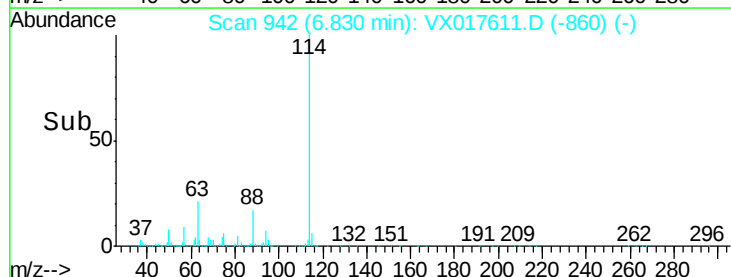
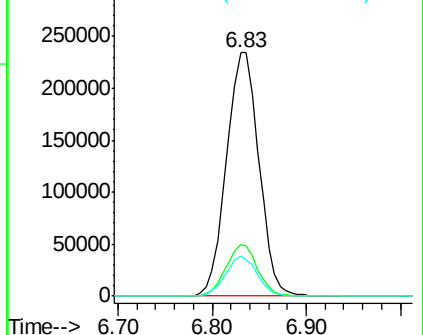
88 15.9 12.6 18.8

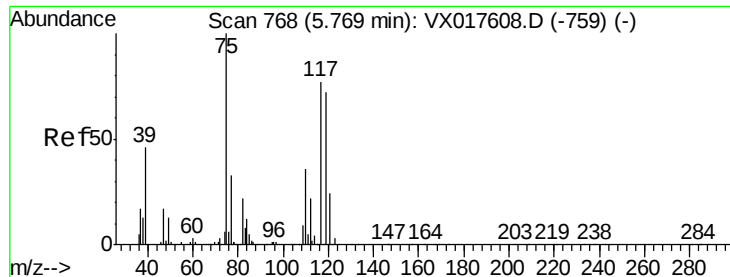


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

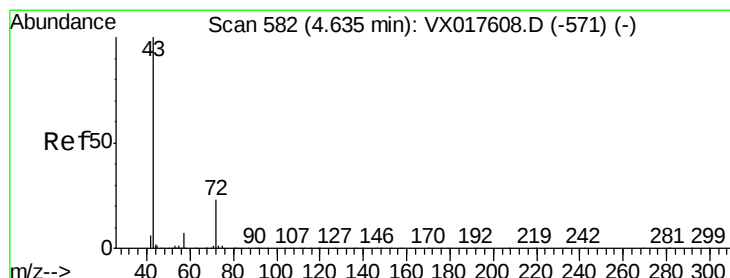
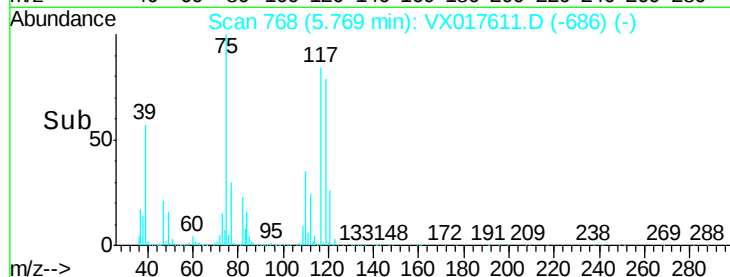
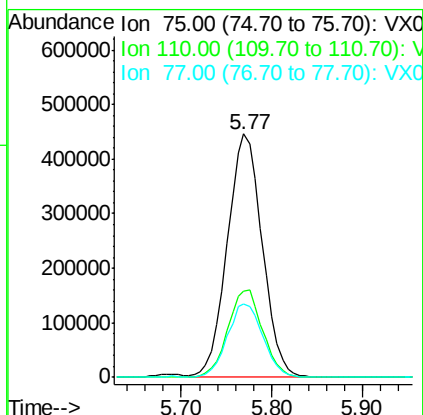
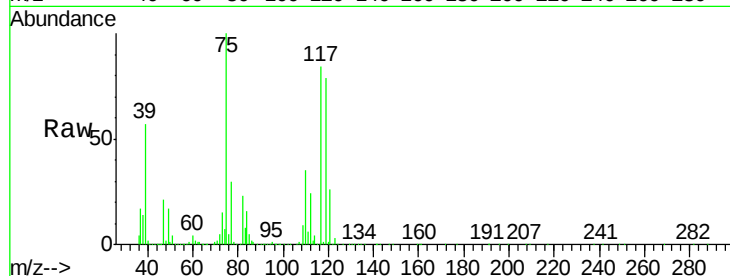




#29
 1,1-Dichloropropene
 Concen: 149.840 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017611.D
 Acq: 27 Jul 2020 10:54

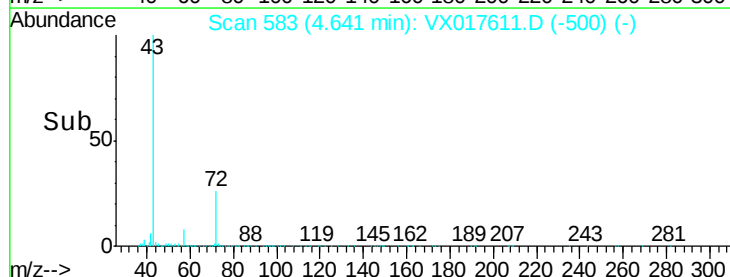
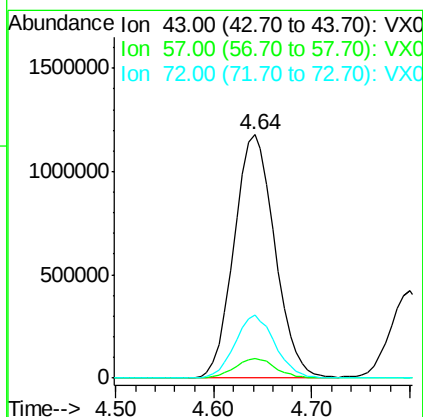
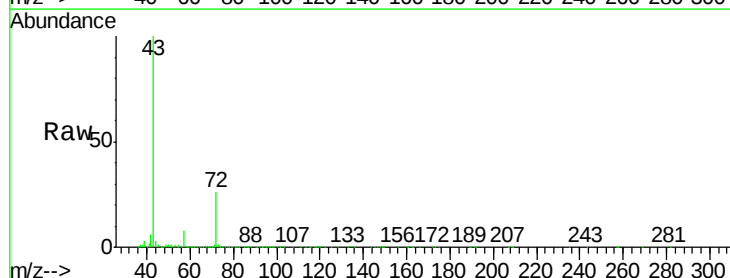
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

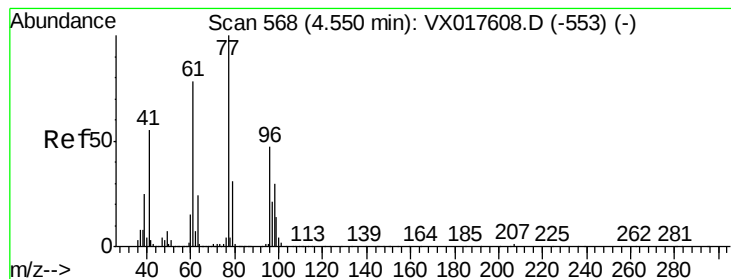
Tot Ion: 75 Resp: 1194595
 Ion Ratio Lower Upper
 75 100
 110 35.6 0.0 75.4
 77 30.6 0.0 63.2



#30
 2-Butanone
 Concen: 775.495 ug/l
 RT: 4.64 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: VX017611.D
 Acq: 27 Jul 2020 10:54

Tgt Ion: 43 Resp: 3396548
 Ion Ratio Lower Upper
 43 100
 57 8.1 6.5 9.7
 72 25.2 19.8 29.6





#31

2,2-Dichloropropane

Concen: 138.772 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

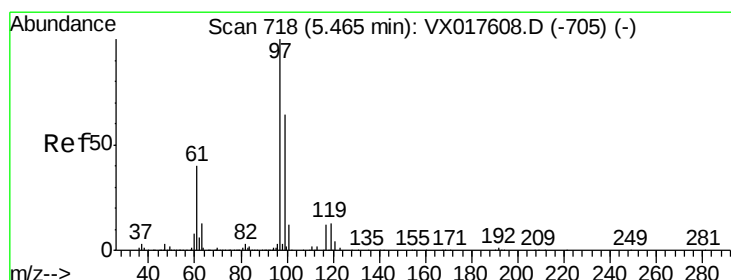
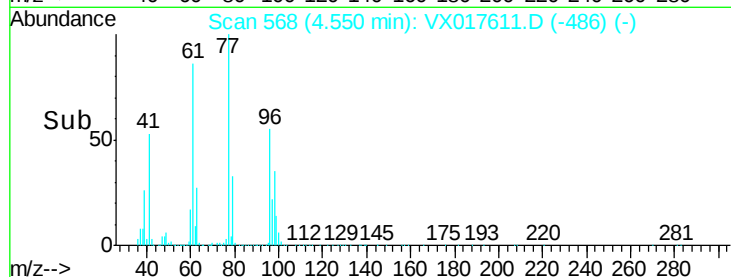
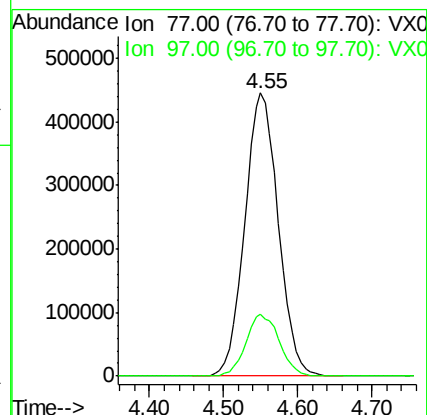
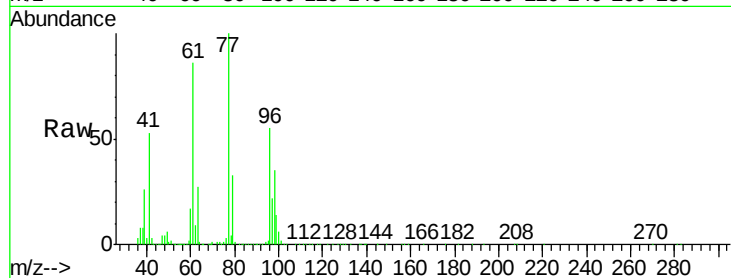
VSTDIC150

Tot Ion: 77 Resp: 1402348

Ion Ratio Lower Upper

77 100

97 21.9 17.6 26.4



#32

1,1,1-Trichloroethane

Concen: 152.055 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

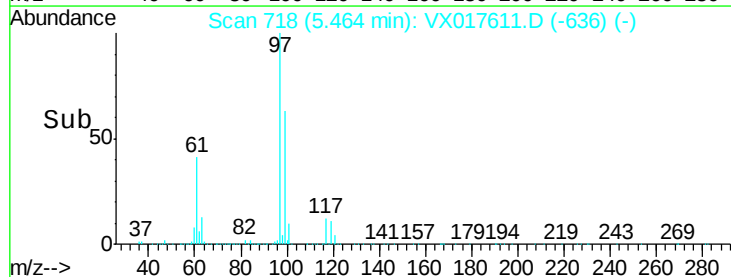
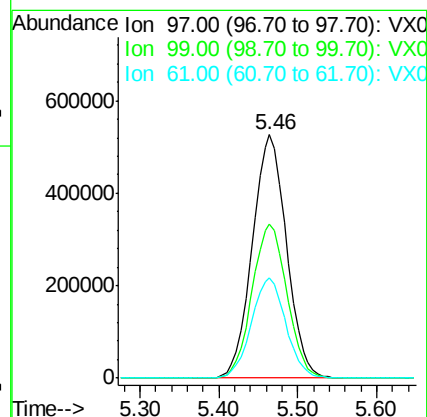
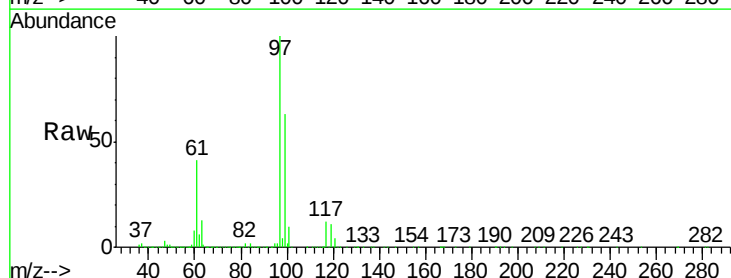
Tgt Ion: 97 Resp: 1587244

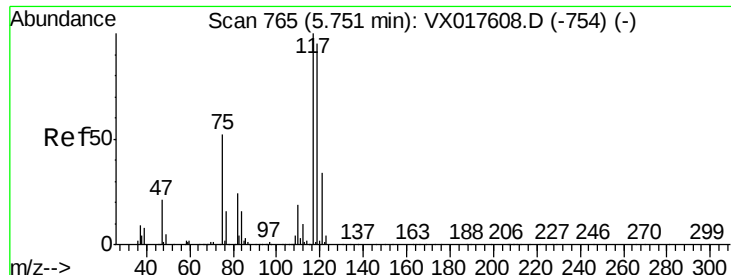
Ion Ratio Lower Upper

97 100

99 64.5 50.6 75.8

61 41.7 32.6 48.8

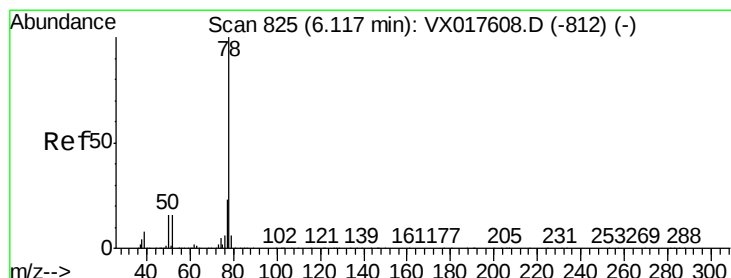
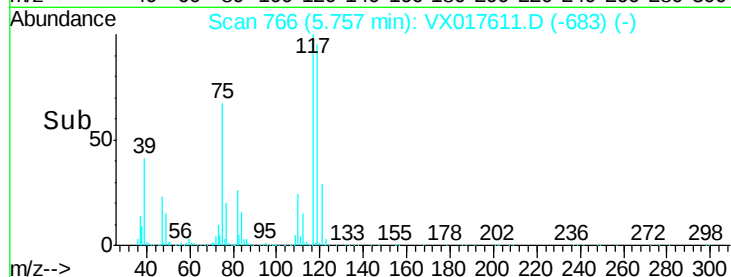
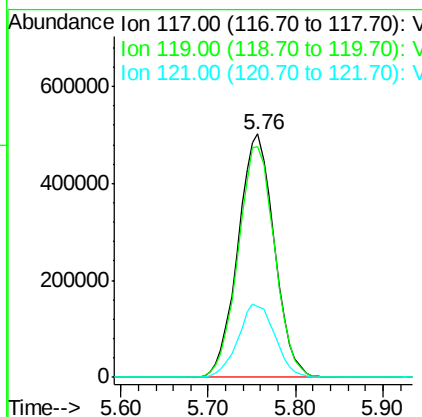
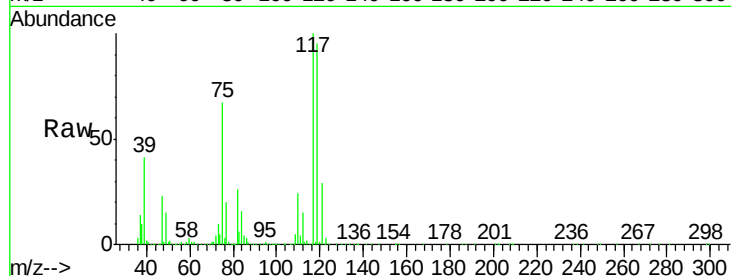




#33
Carbon Tetrachloride
Concen: 149.050 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

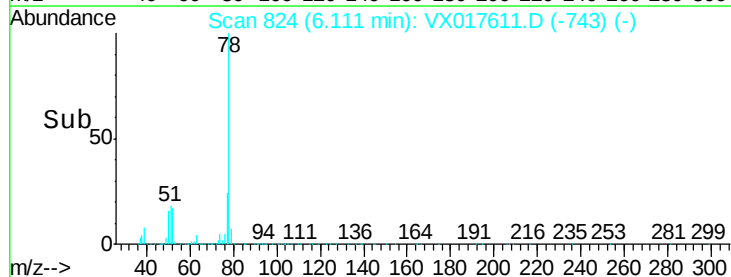
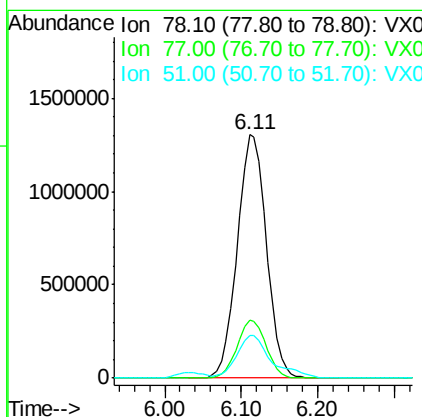
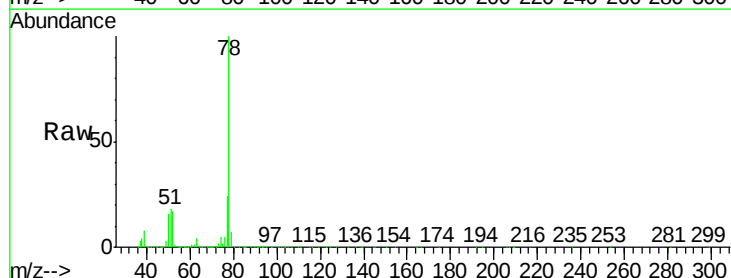
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

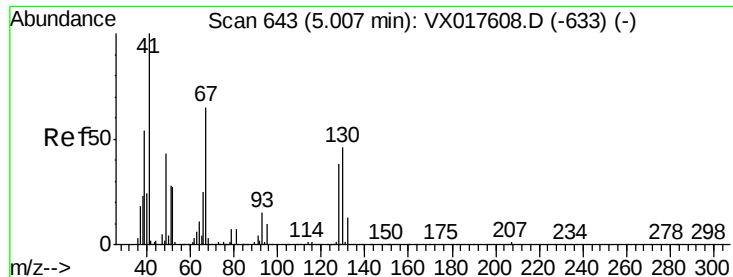
Tot Ion:117 Resp: 1444199
Ion Ratio Lower Upper
117 100
119 95.1 76.2 114.2
121 29.1 26.8 40.2



#34
Benzene
Concen: 147.994 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

Tgt Ion: 78 Resp: 3442317
Ion Ratio Lower Upper
78 100
77 23.7 18.3 27.5
51 17.6 12.3 18.5

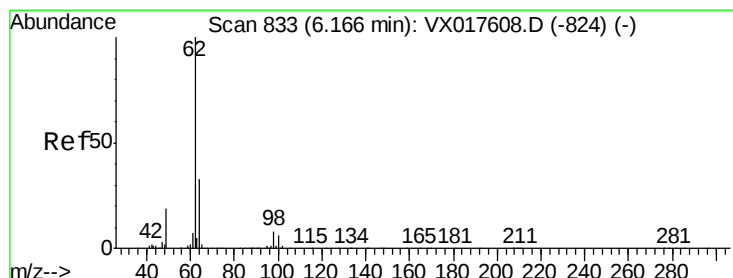
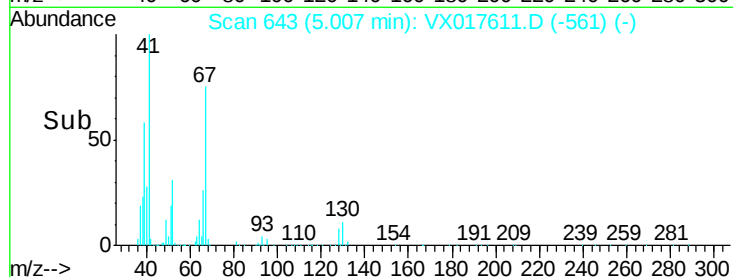
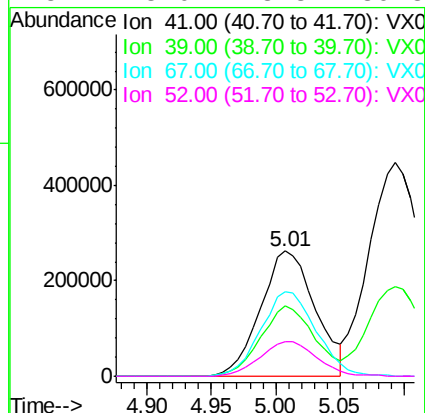
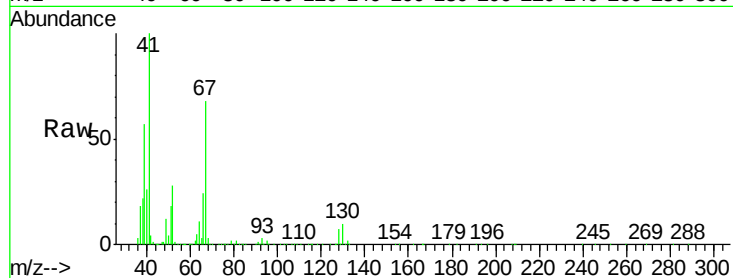




#35
Methacrylonitrile
Concen: 156.826 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

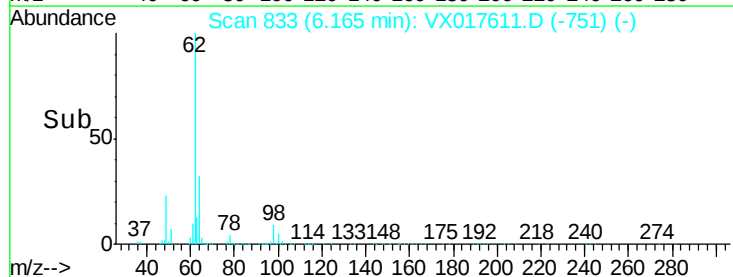
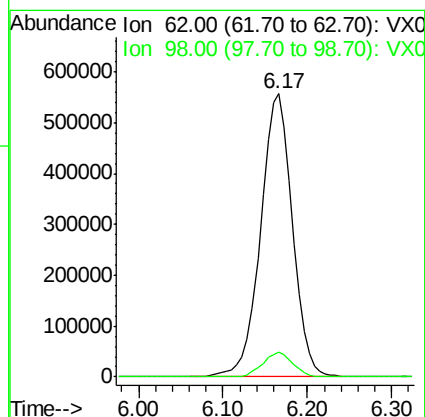
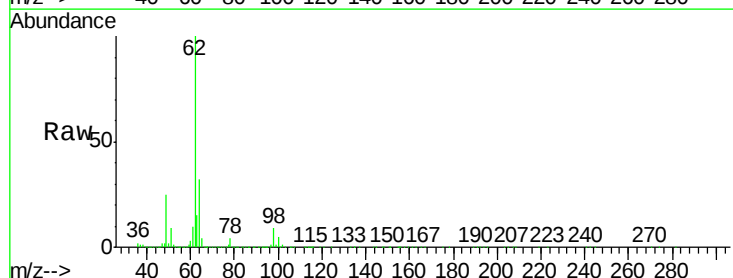
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

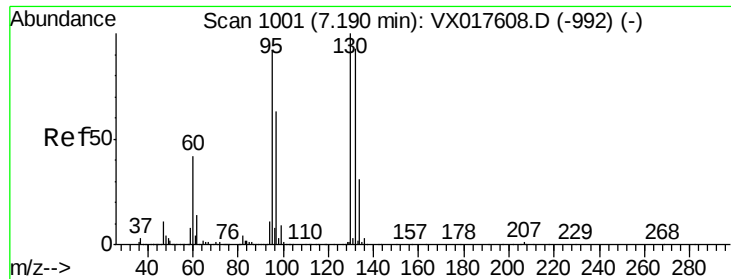
Tot Ion:	41	Resp:	773789
Ion	Ratio	Lower	Upper
41	100		
39	56.4	27.0	81.0
67	68.0	32.4	97.0
52	28.0	13.3	39.8



#36
1,2-Dichloroethane
Concen: 155.072 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

Tgt Ion:	62	Resp:	1446213
Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.6	10.0

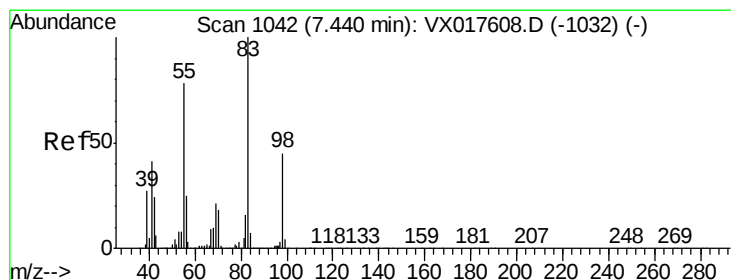
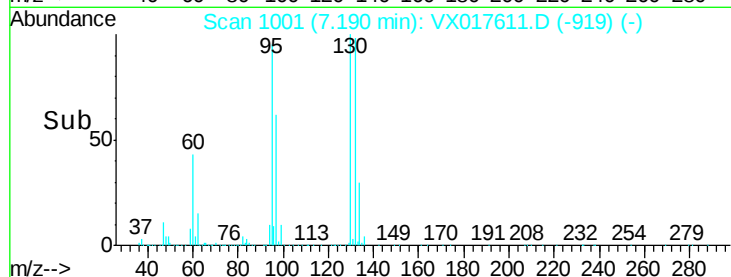
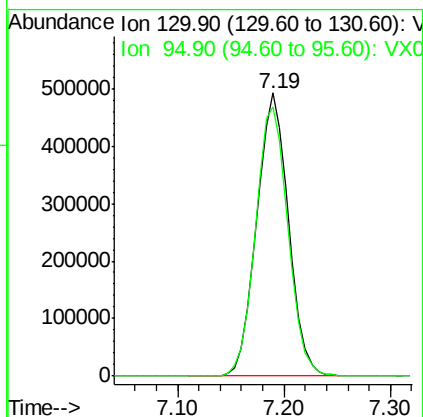
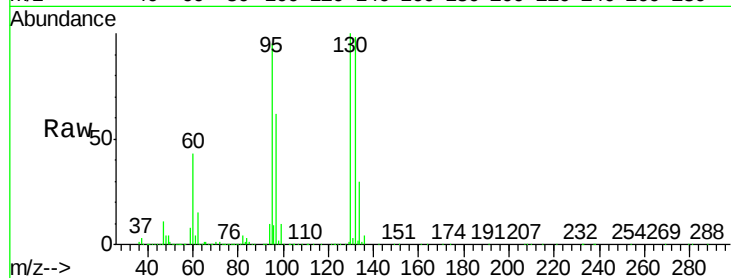




#37
 Trichloroethene
 Concen: 143.581 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017611.D
 Acq: 27 Jul 2020 10:54

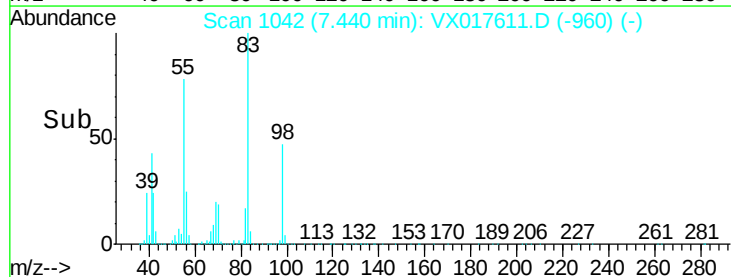
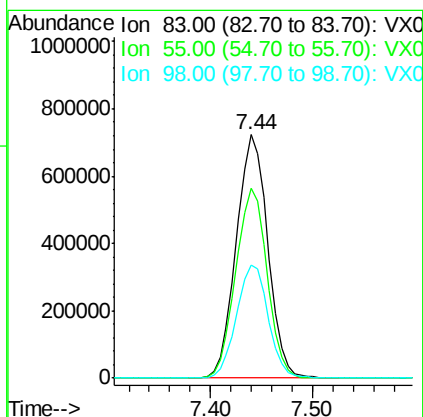
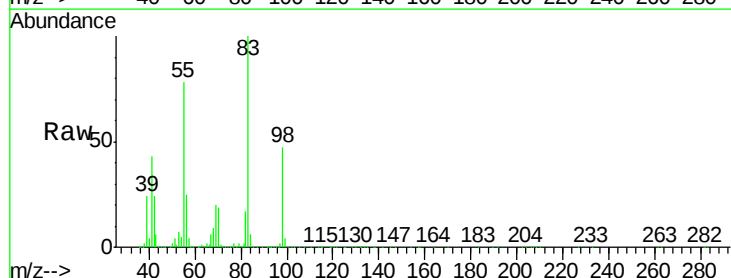
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

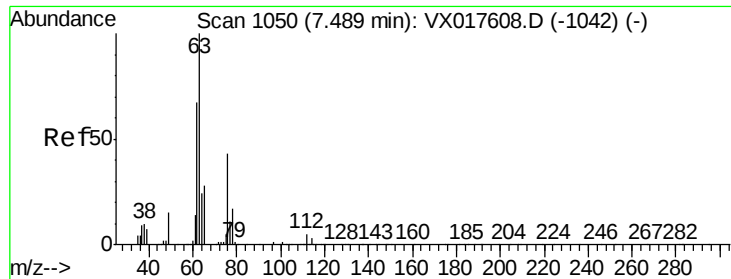
Tot Ion:130 Resp: 1030001
 Ion Ratio Lower Upper
 130 100
 95 95.2 73.9 110.9



#38
 Methylcyclohexane
 Concen: 180.972 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX017611.D
 Acq: 27 Jul 2020 10:54

Tgt Ion: 83 Resp: 1548874
 Ion Ratio Lower Upper
 83 100
 55 77.8 39.6 118.7
 98 47.0 23.9 71.7

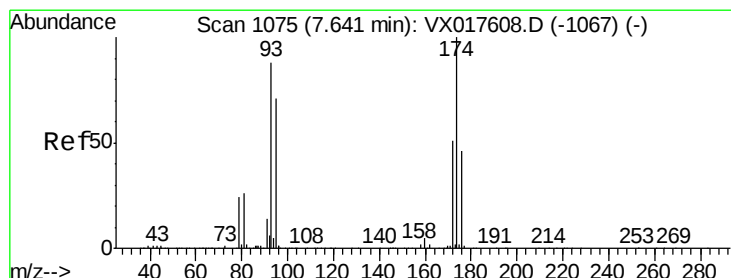
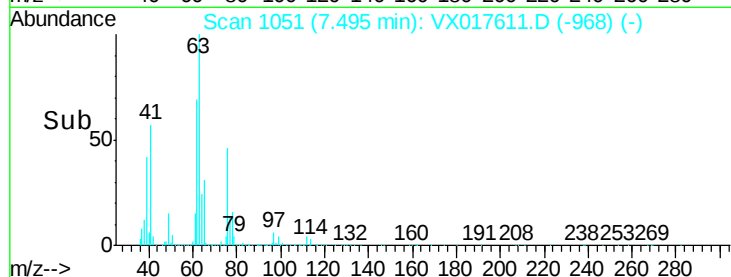
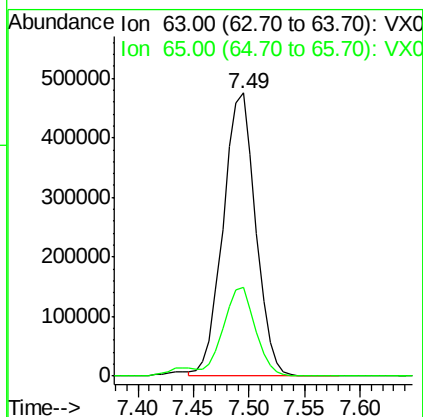
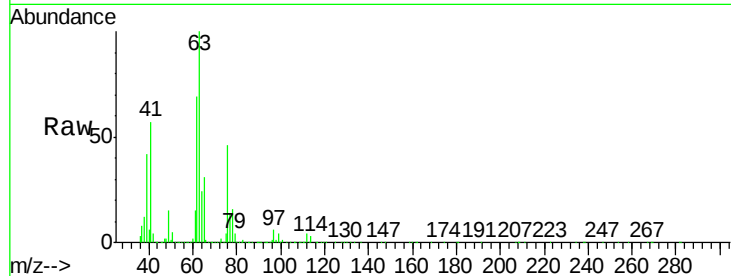




#39
 1,2-Dichloropropane
 Concen: 155.115 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017611.D
 Acq: 27 Jul 2020 10:54

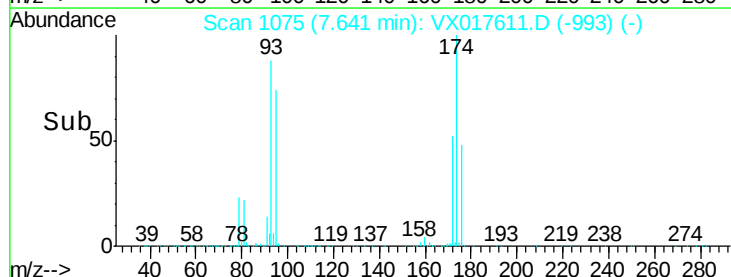
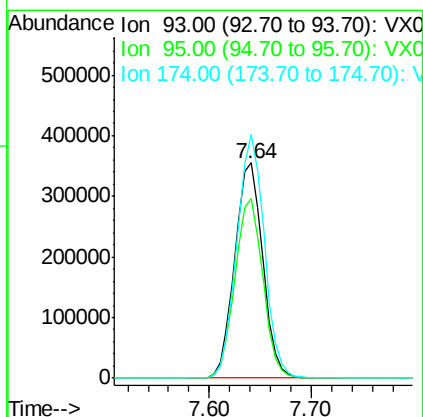
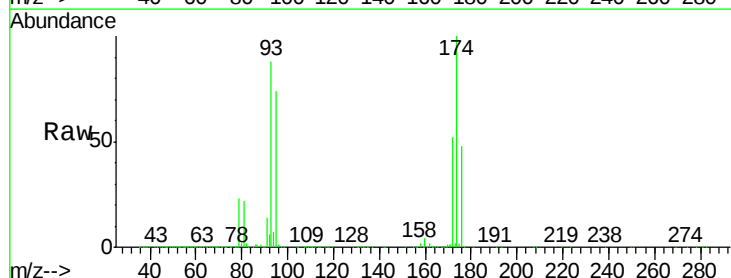
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

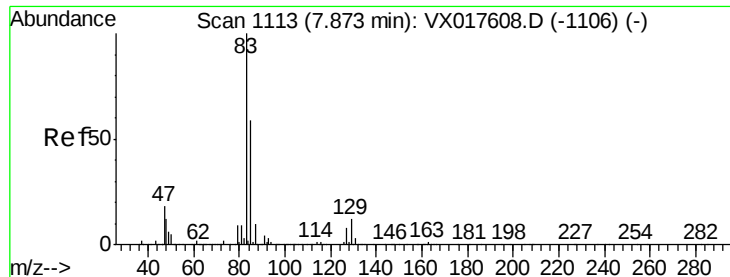
Tot Ion: 63 Resp: 961356
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.2 37.8



#40
 Dibromomethane
 Concen: 151.116 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017611.D
 Acq: 27 Jul 2020 10:54

Tgt Ion: 93 Resp: 675459
 Ion Ratio Lower Upper
 93 100
 95 83.0 0.0 163.4
 174 110.9 0.0 214.6





#41

Bromodichloromethane

Concen: 157.469 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

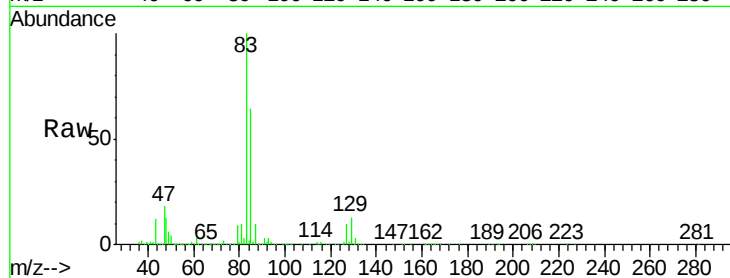
Tot Ion: 83 Resp: 1482033

Ion Ratio Lower Upper

83 100

85 63.7 47.4 71.0

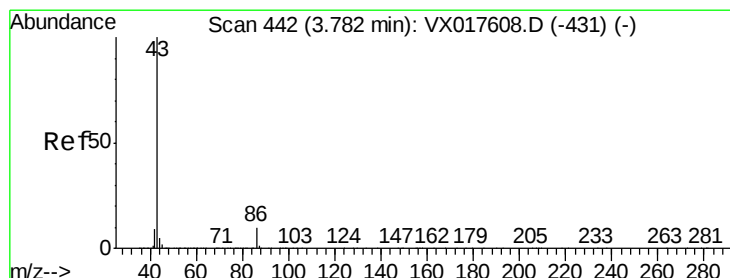
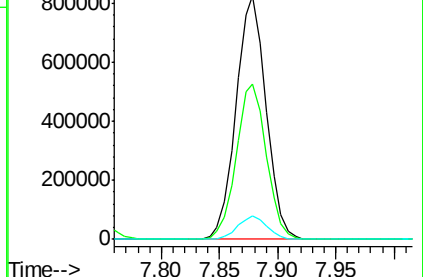
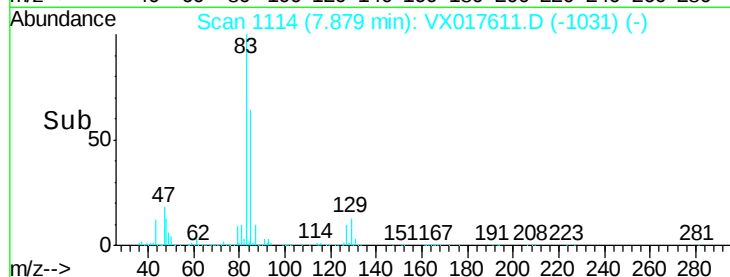
127 9.7 6.3 9.5#



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 632.873 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX017611.D

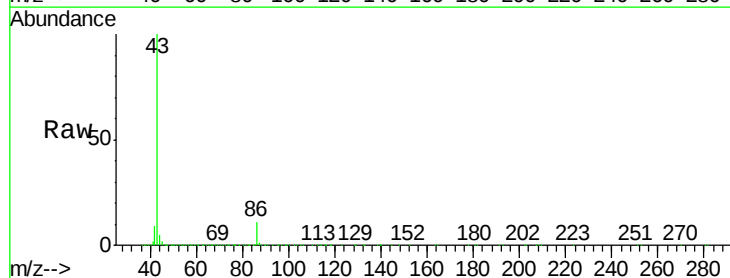
Acq: 27 Jul 2020 10:54

Tgt Ion: 43 Resp: 10260973

Ion Ratio Lower Upper

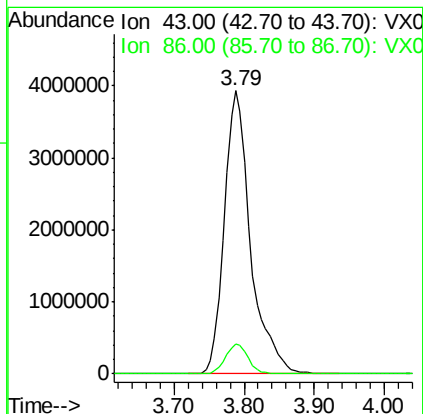
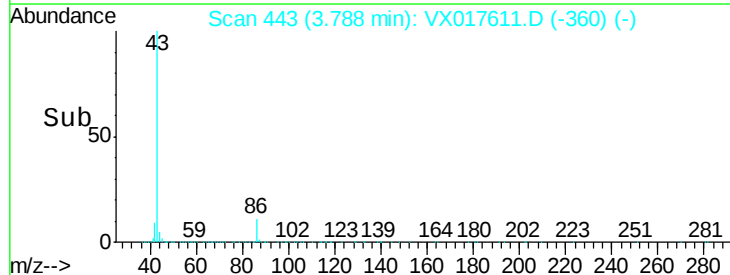
43 100

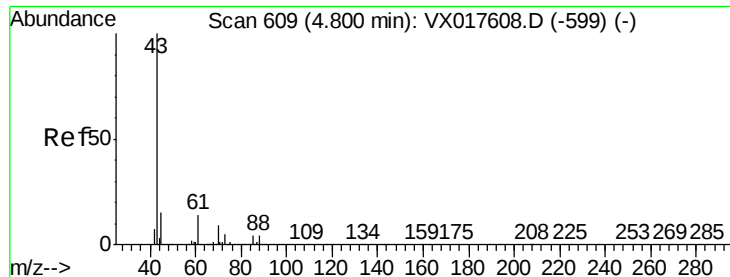
86 9.1 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

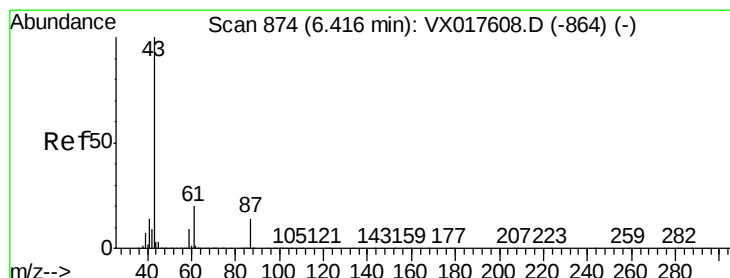
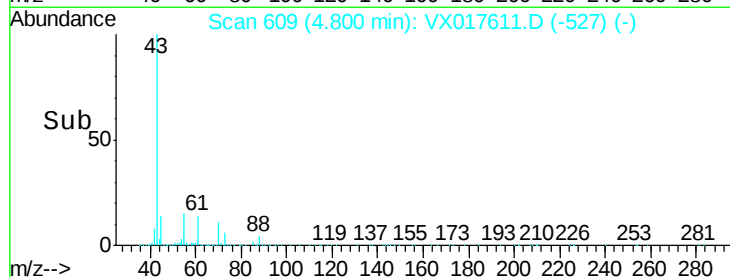
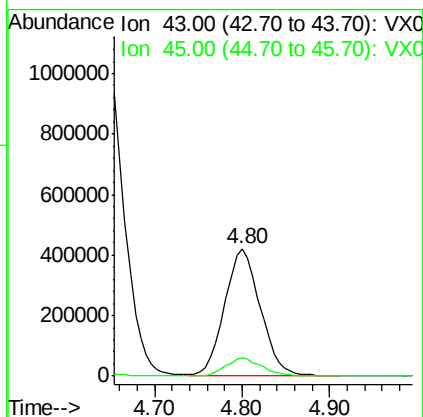
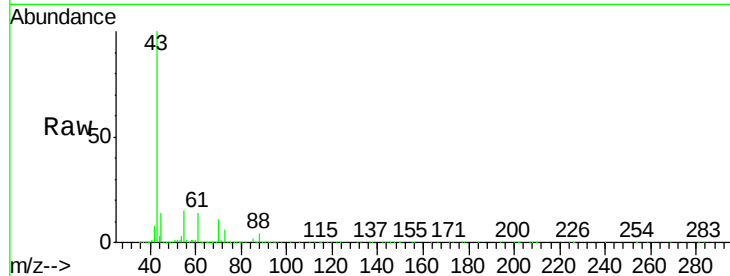




#43
Ethyl Acetate
Concen: 142.249 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

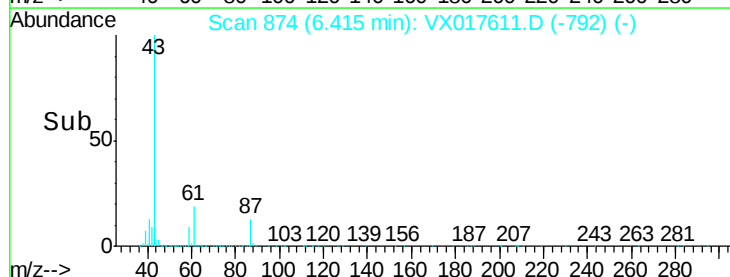
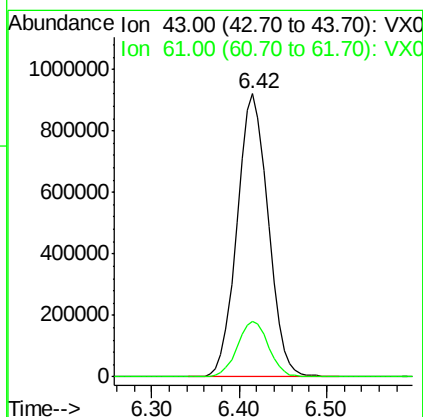
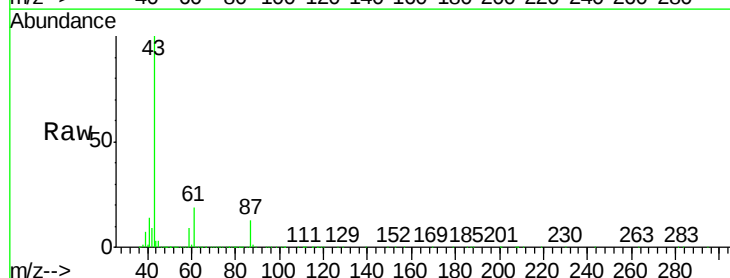
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

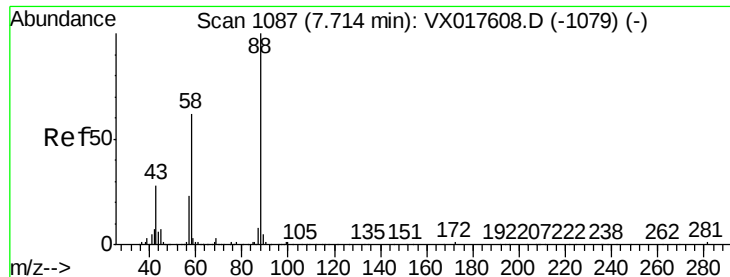
Tot Ion: 43 Resp: 1199117
Ion Ratio Lower Upper
43 100
45 14.5 11.4 17.2



#44
Isopropyl Acetate
Concen: 160.931 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

Tgt Ion: 43 Resp: 2279640
Ion Ratio Lower Upper
43 100
61 19.6 15.9 23.9





#45

1,4-Dioxane

Concen: 3485.904 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

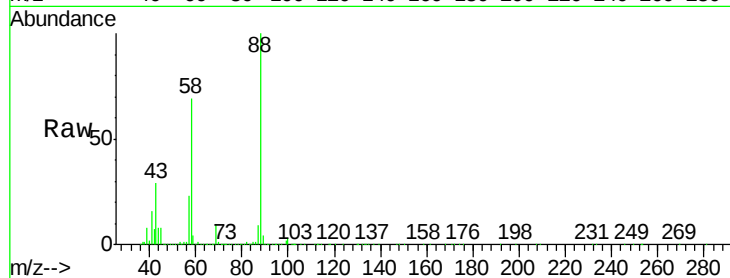
Tot Ion: 88 Resp: 484407

Ion Ratio Lower Upper

88 100

43 33.8 29.0 43.6

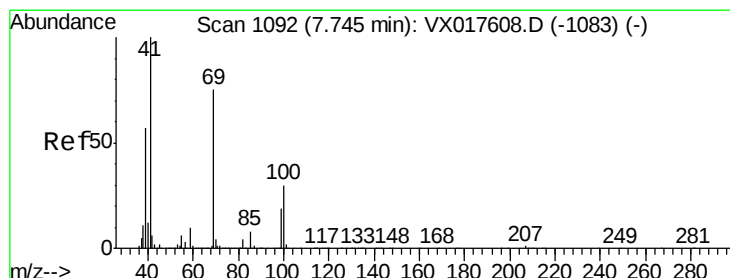
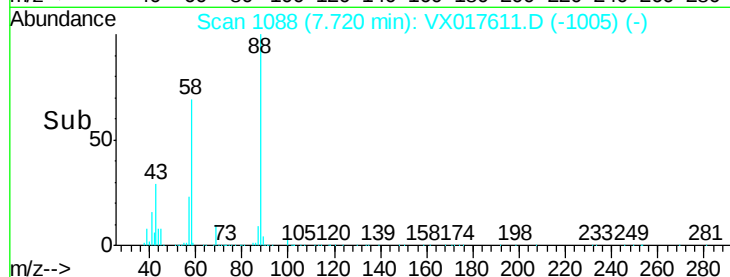
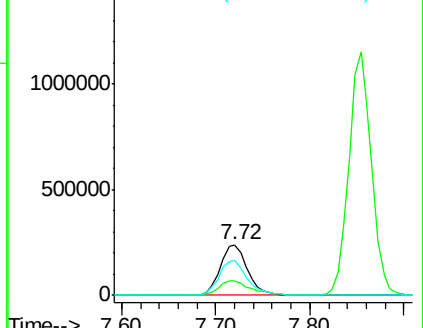
58 71.1 55.6 83.4



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



#46

Methyl methacrylate

Concen: 171.774 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

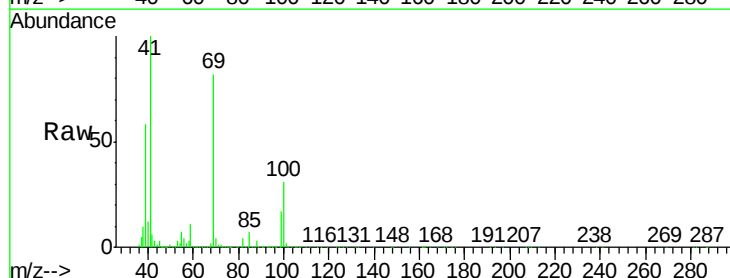
Tgt Ion: 41 Resp: 1183076

Ion Ratio Lower Upper

41 100

69 82.3 37.4 112.1

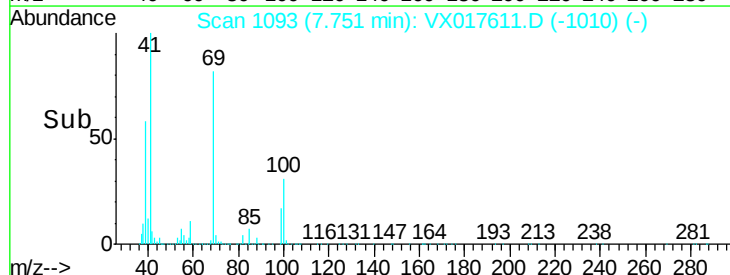
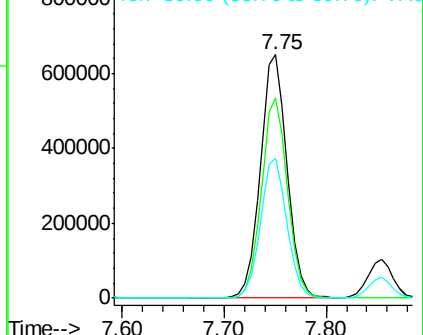
39 57.7 28.7 86.1

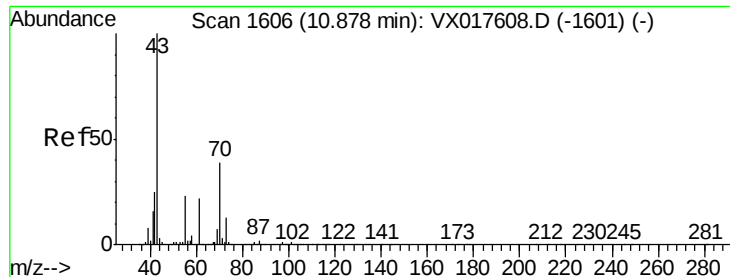


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 150.594 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

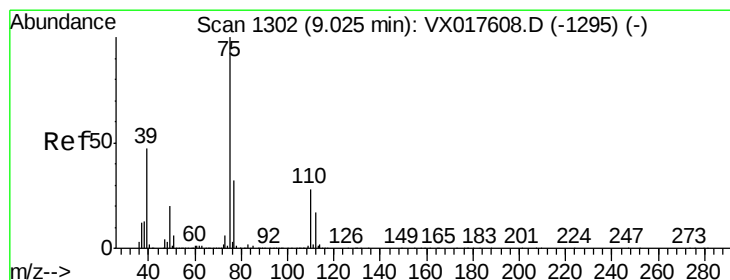
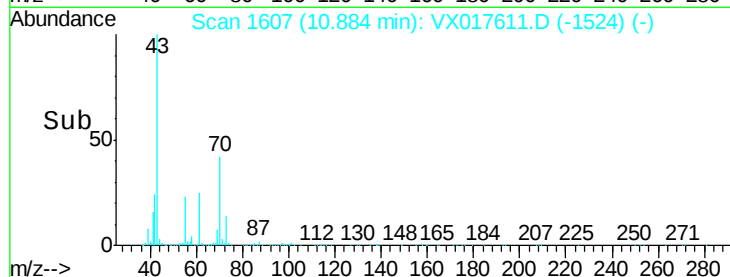
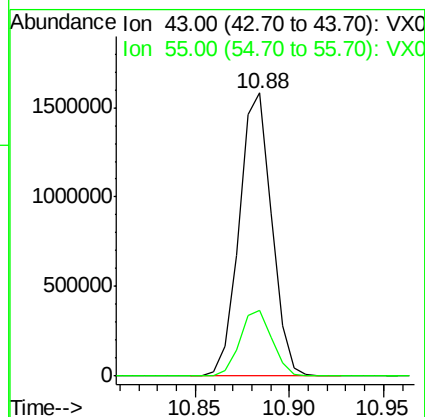
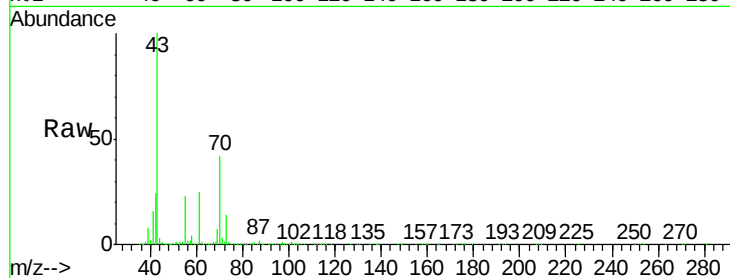
VSTDIC150

Tot Ion: 43 Resp: 1884790

Ion Ratio Lower Upper

43 100

55 23.2 19.5 29.3



#48

t-1,3-Dichloropropene

Concen: 159.870 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017611.D

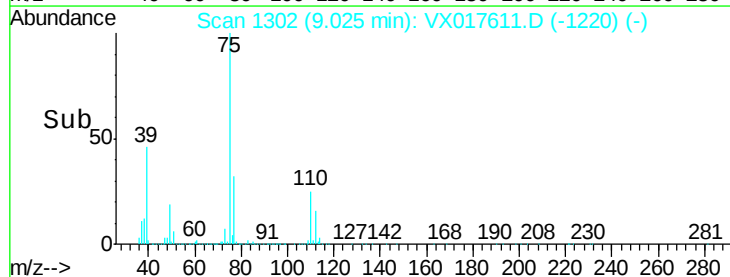
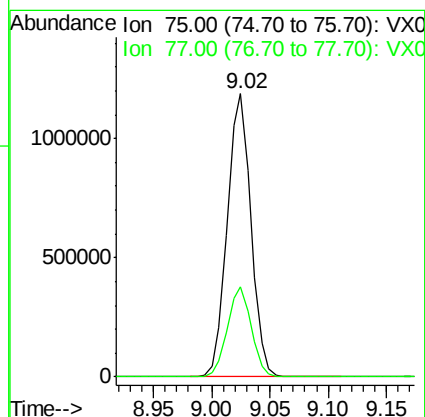
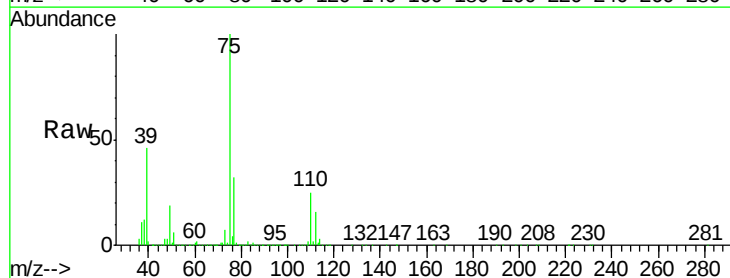
Acq: 27 Jul 2020 10:54

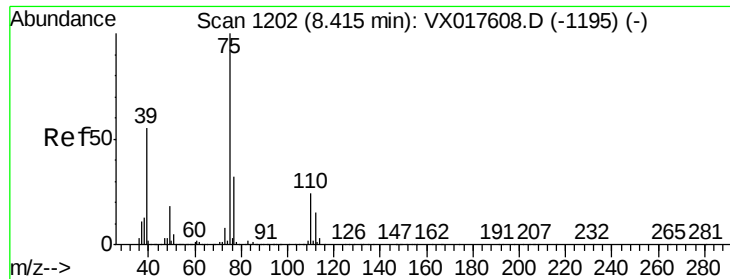
Tgt Ion: 75 Resp: 1671841

Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4



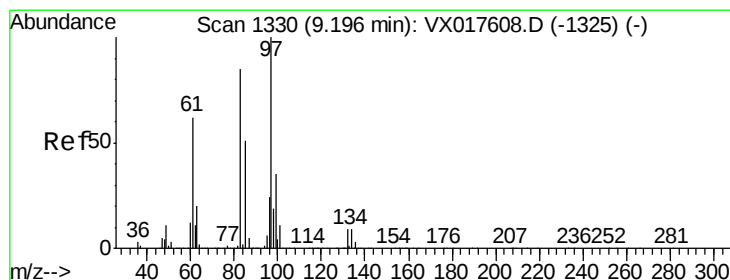
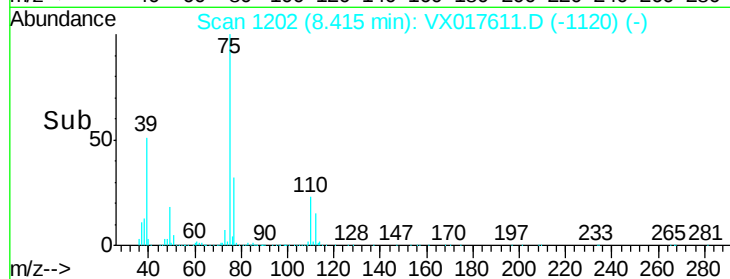
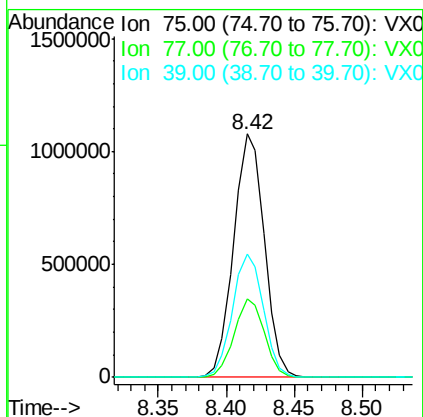
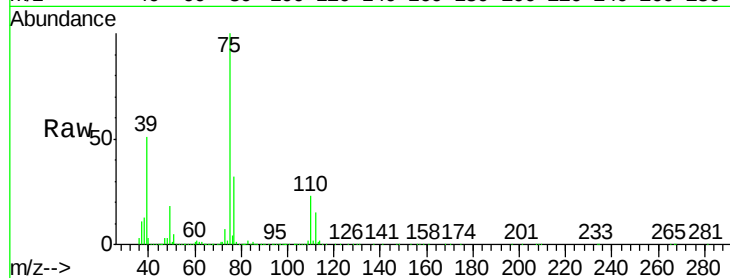


#49

cis-1,3-Dichloropropene
 Concen: 155.062 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017611.D
 Acq: 27 Jul 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

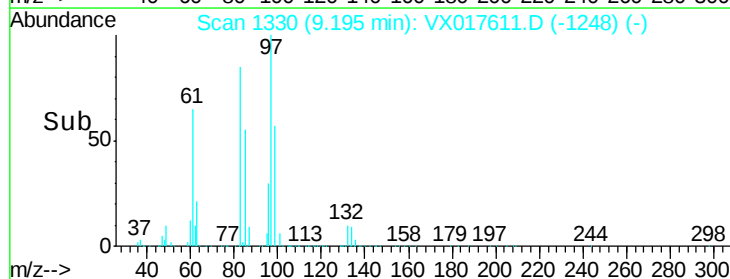
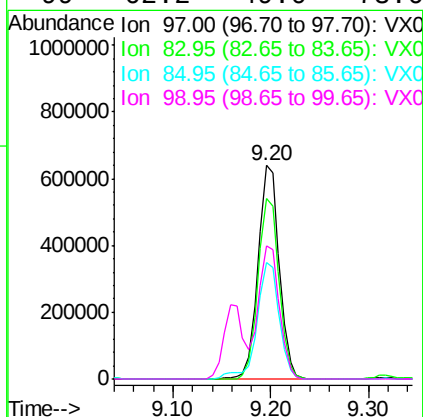
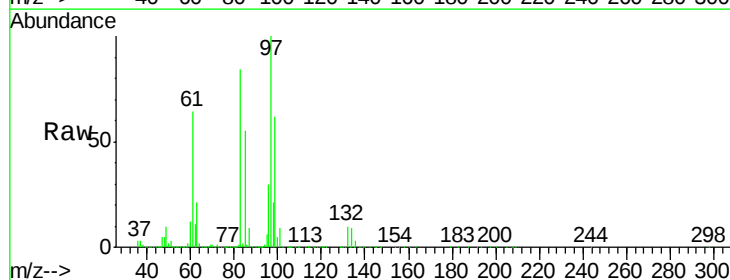
Tot Ion: 75 Resp: 1698515
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0
 39 50.7 43.6 65.4

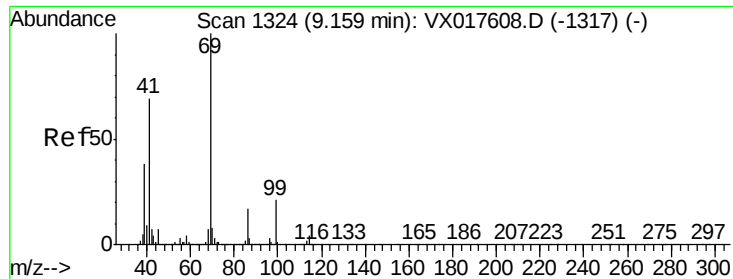


#50

1,1,2-Trichloroethane
 Concen: 146.424 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017611.D
 Acq: 27 Jul 2020 10:54

Tgt Ion: 97 Resp: 961291
 Ion Ratio Lower Upper
 97 100
 83 84.3 68.2 102.2
 85 54.7 42.6 64.0
 99 62.2 49.0 73.6





#51

Ethyl methacrylate

Concen: 161.317 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

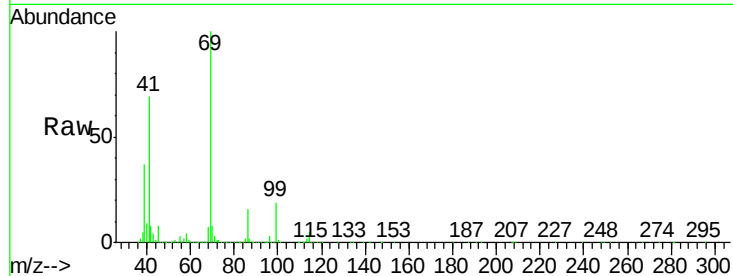
Tot Ion: 69 Resp: 1564432

Ion	Ratio	Lower	Upper
69	100		
41	68.6	34.4	103.2
39	36.7	19.1	57.1

69 100

41 68.6 34.4 103.2

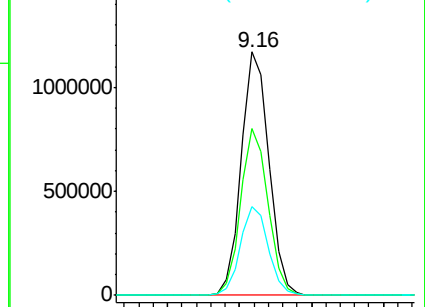
39 36.7 19.1 57.1



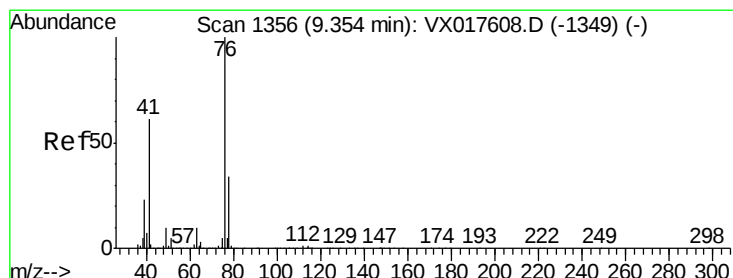
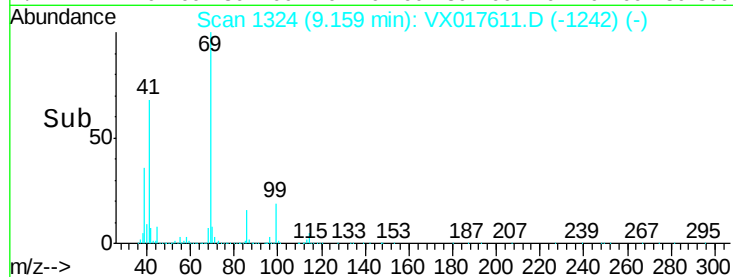
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->



#52

1,3-Dichloropropane

Concen: 149.099 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017611.D

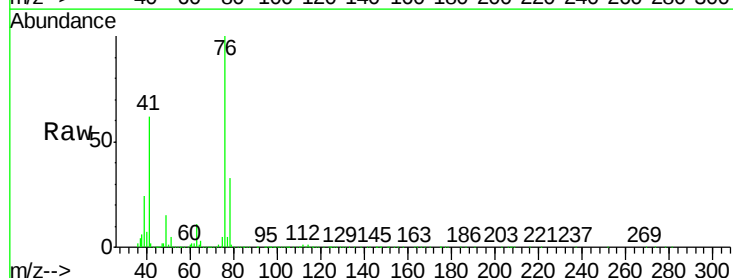
Acq: 27 Jul 2020 10:54

Tgt Ion: 76 Resp: 1583413

Ion	Ratio	Lower	Upper
76	100		
78	32.2	0.0	65.4

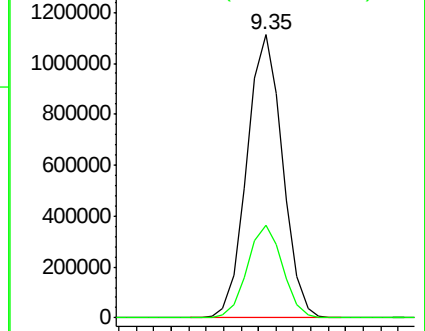
76 100

78 32.2 0.0 65.4

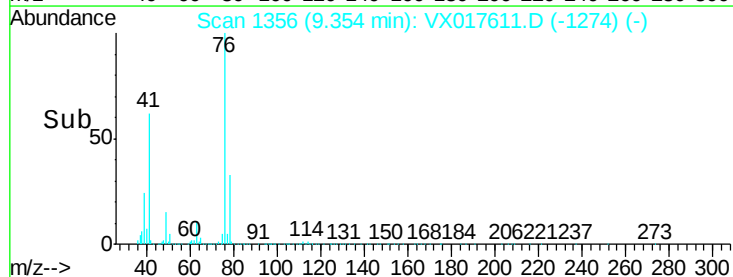


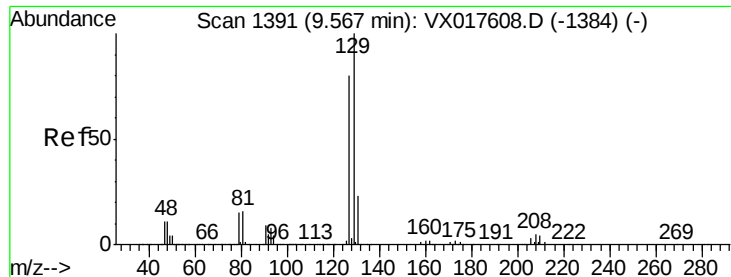
Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0



Time-->





#53

Dibromochloromethane

Concen: 156.329 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

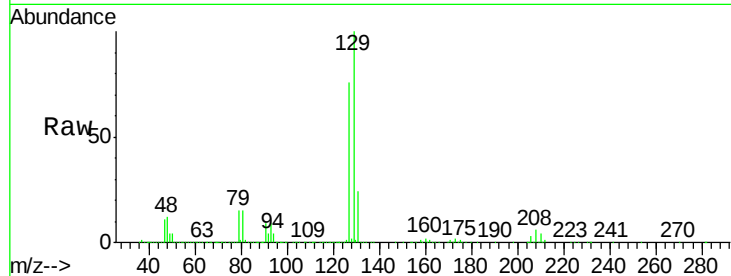
VSTDIC150

Tot Ion:129 Resp: 1243808

Ion Ratio Lower Upper

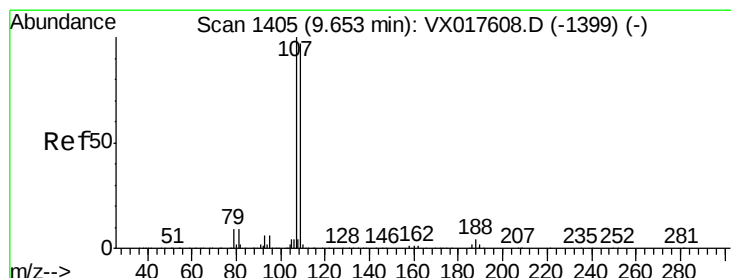
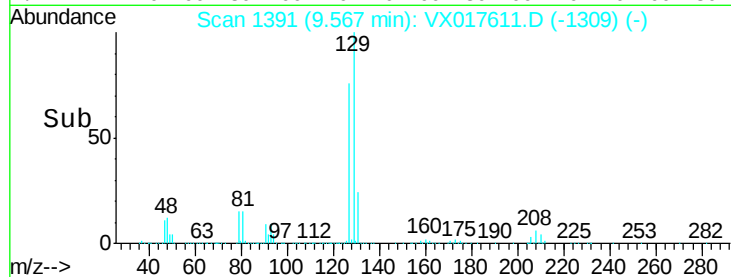
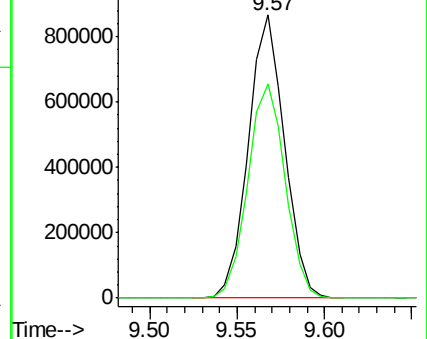
129 100

127 78.1 39.7 119.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 149.339 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017611.D

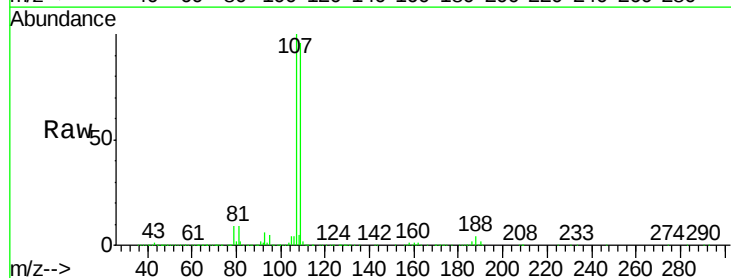
Acq: 27 Jul 2020 10:54

Tgt Ion:107 Resp: 1044102

Ion Ratio Lower Upper

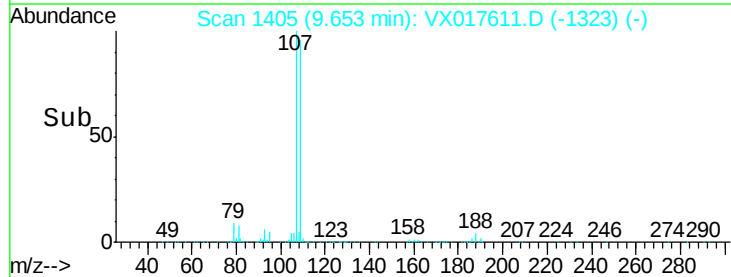
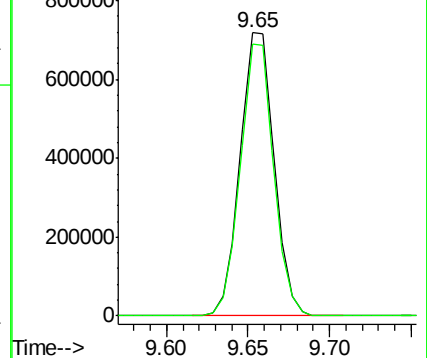
107 100

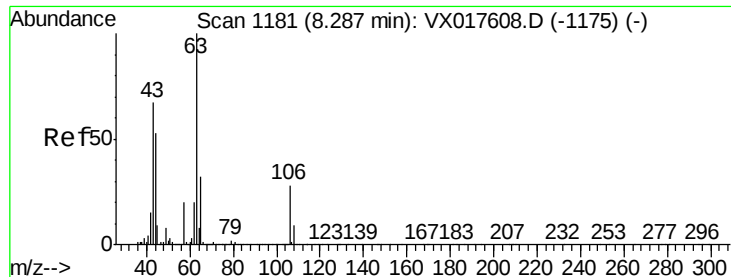
109 94.1 75.6 113.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

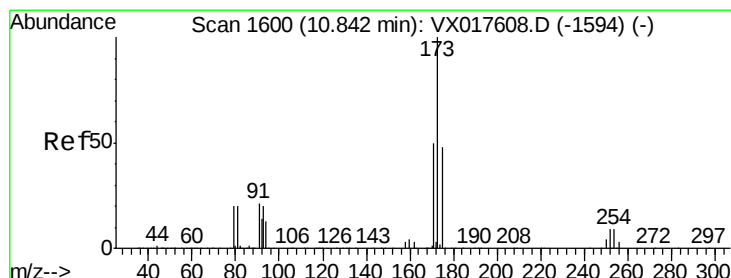
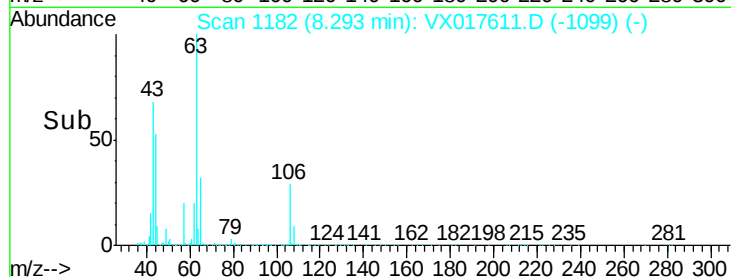
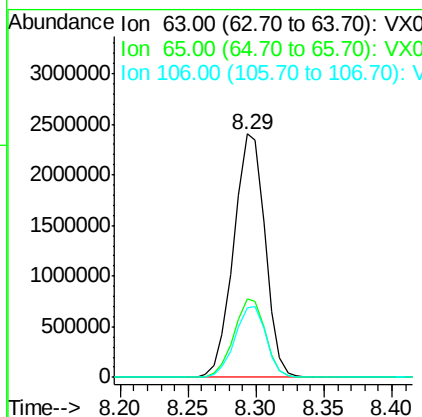




#55
 2-Chloroethyl vinyl ether
 Concen: 849.817 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX017611.D
 Acq: 27 Jul 2020 10:54

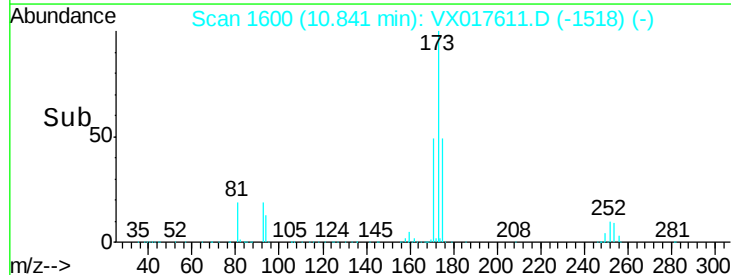
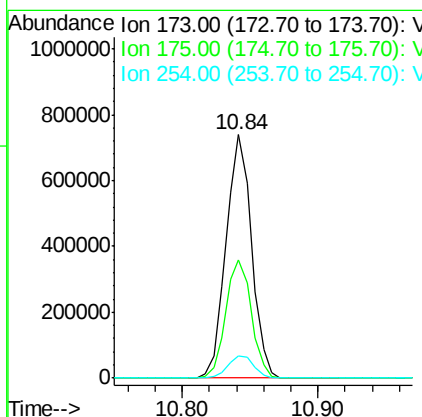
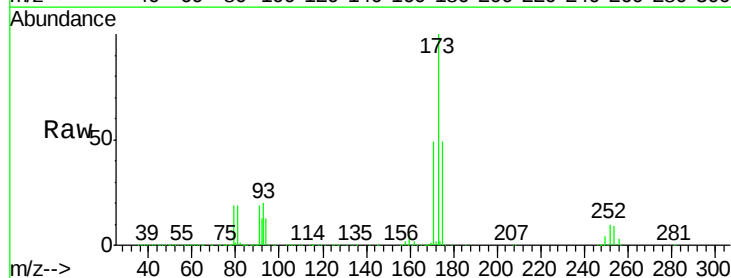
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

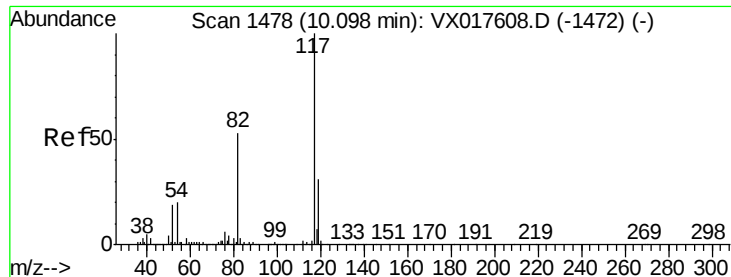
Tot Ion: 63 Resp: 3872911
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.5 38.3
 106 29.1 22.9 34.3



#56
 Bromoform
 Concen: 153.203 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX017611.D
 Acq: 27 Jul 2020 10:54

Tgt Ion: 173 Resp: 961496
 Ion Ratio Lower Upper
 173 100
 175 48.7 38.2 57.4
 254 9.6 7.4 11.2

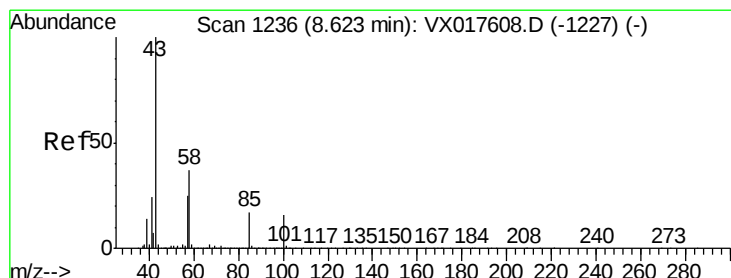
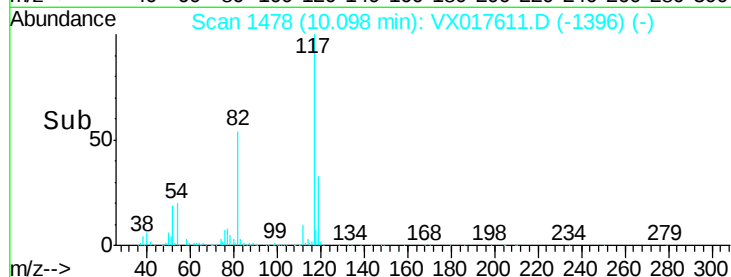
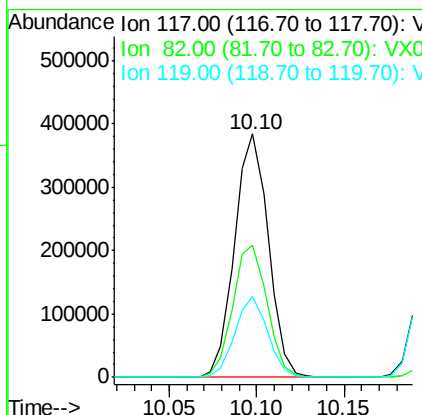
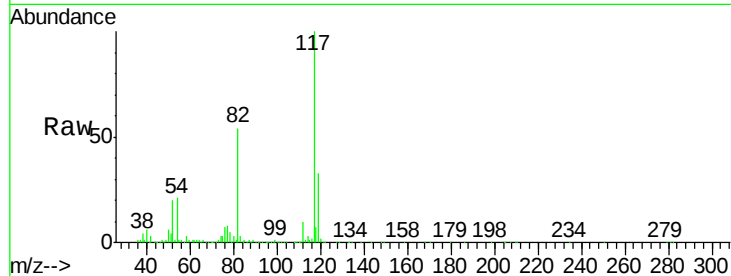




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

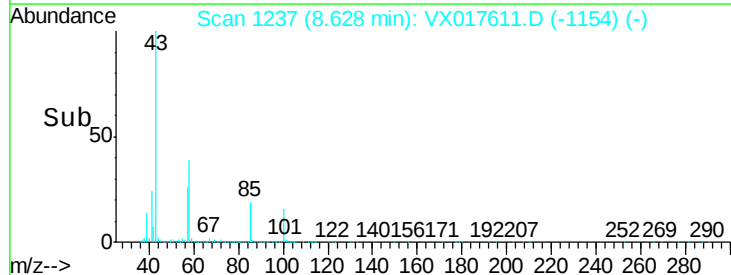
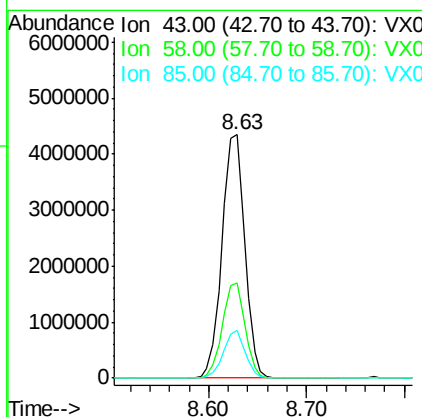
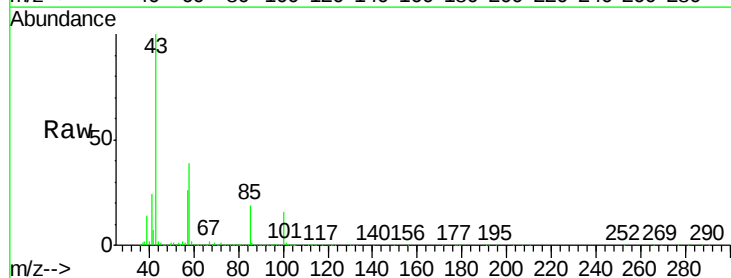
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

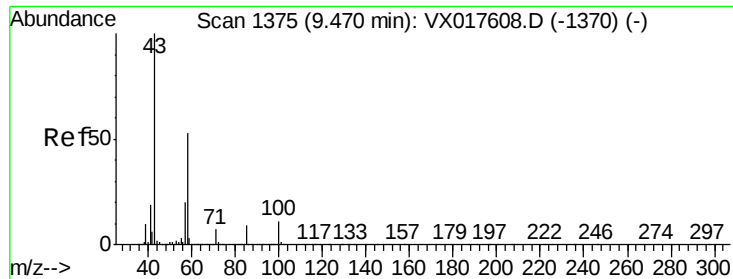
Tot Ion:117 Resp: 516765
Ion Ratio Lower Upper
117 100
82 54.7 43.6 65.4
119 32.1 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 803.280 ug/l
RT: 8.63 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

Tgt Ion: 43 Resp: 7059818
Ion Ratio Lower Upper
43 100
58 38.7 30.5 45.7
85 18.4 14.2 21.2

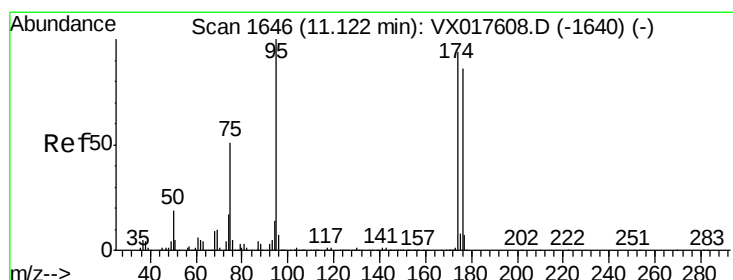
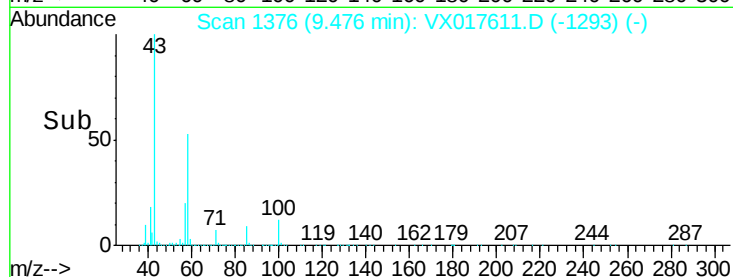
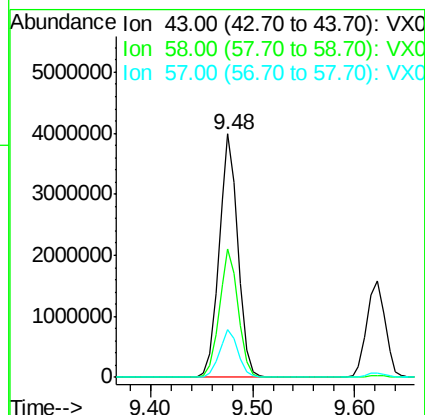
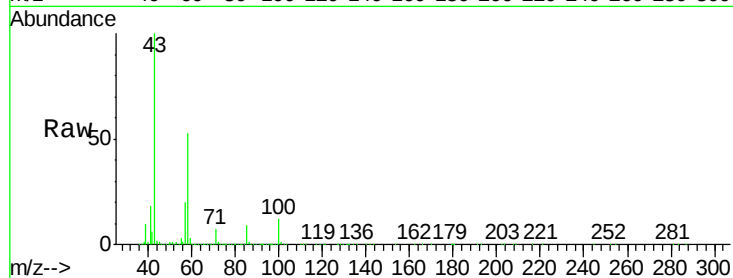




#59
2-Hexanone
Concen: 802.856 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

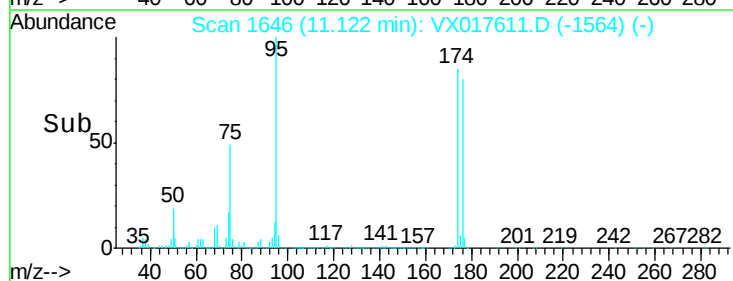
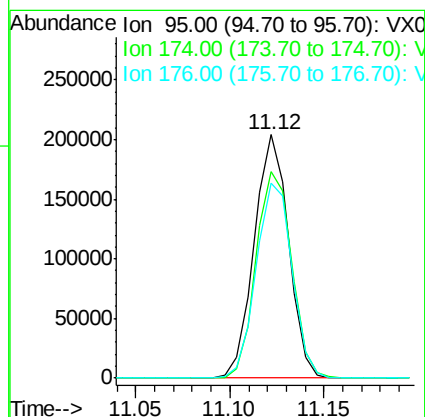
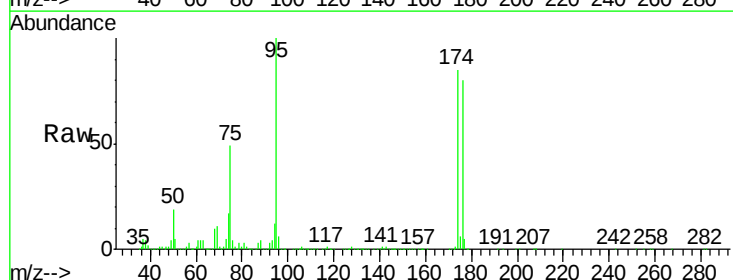
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

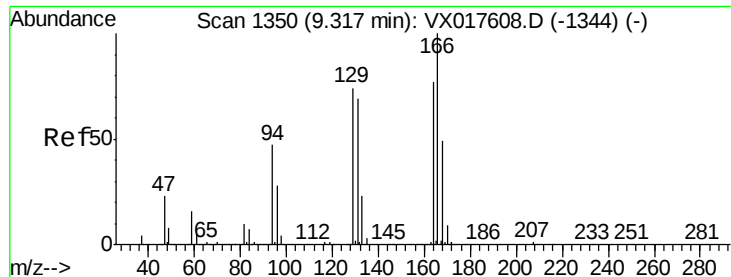
Tot Ion: 43 Resp: 5156564
Ion Ratio Lower Upper
43 100
58 52.8 42.9 64.3
57 19.6 16.1 24.1



#60
4-Bromofluorobenzene
Concen: 28.877 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

Tgt Ion: 95 Resp: 257995
Ion Ratio Lower Upper
95 100
174 87.8 70.2 105.2
176 83.4 65.6 98.4





#61

Tetrachloroethene

Concen: 141.195 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:164 Resp: 969405

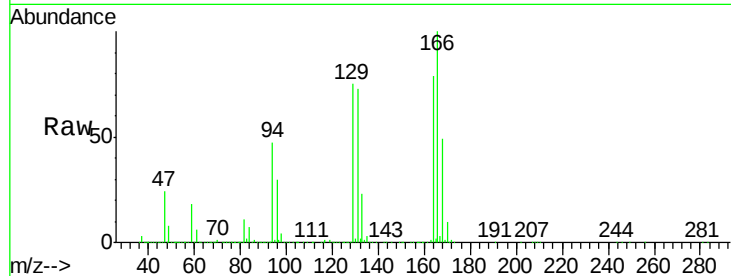
Ion Ratio Lower Upper

164 100

166 125.9 104.4 156.6

129 95.0 77.0 115.4

131 91.5 72.3 108.5

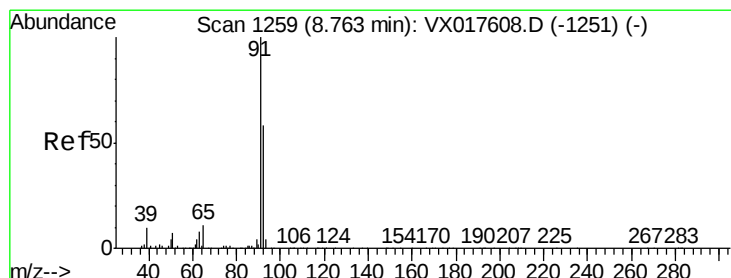
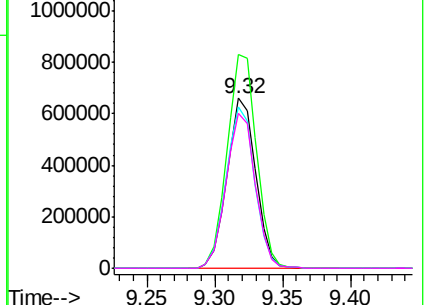
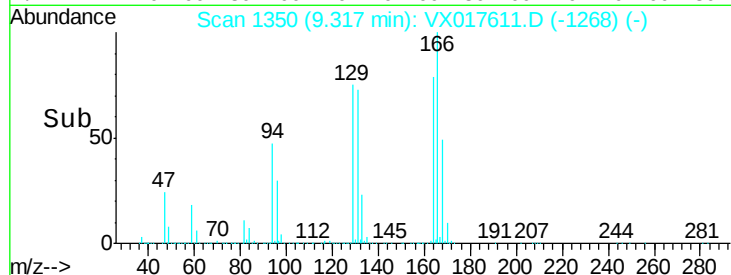


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 148.746 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017611.D

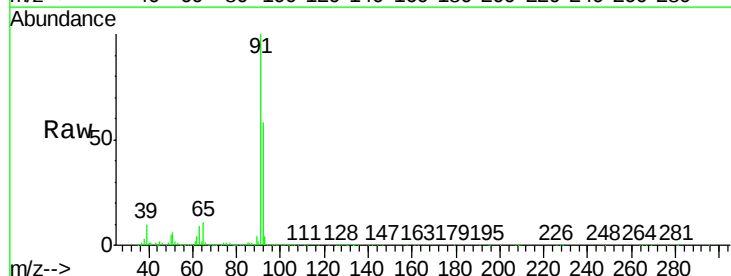
Acq: 27 Jul 2020 10:54

Tgt Ion: 91 Resp: 3839709

Ion Ratio Lower Upper

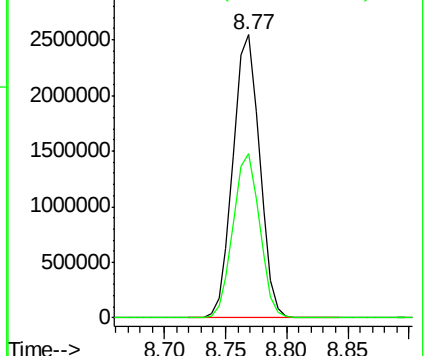
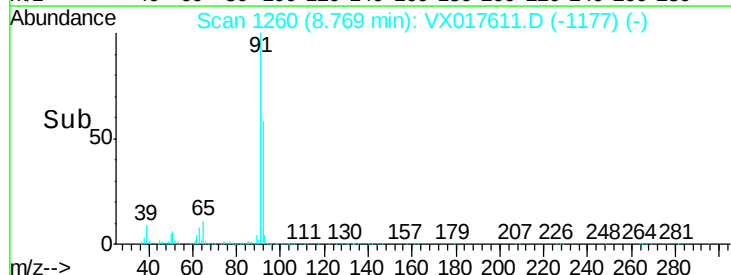
91 100

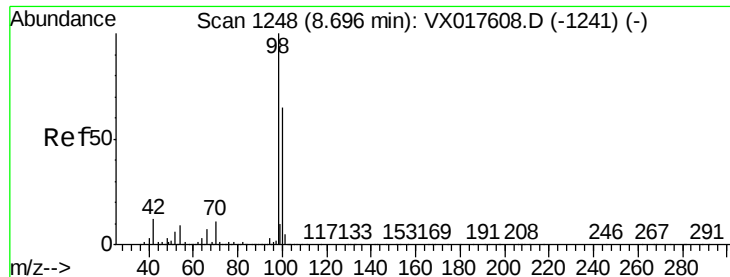
92 57.9 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.796 ug/l

RT: 8.70 min Scan# 1249

Delta R.T. 0.01 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

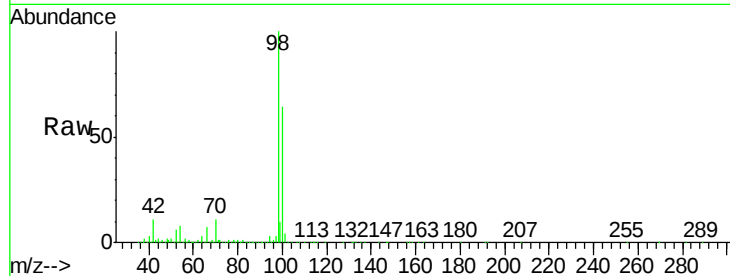
VSTDIC150

Tot Ion: 98 Resp: 673548

Ion Ratio Lower Upper

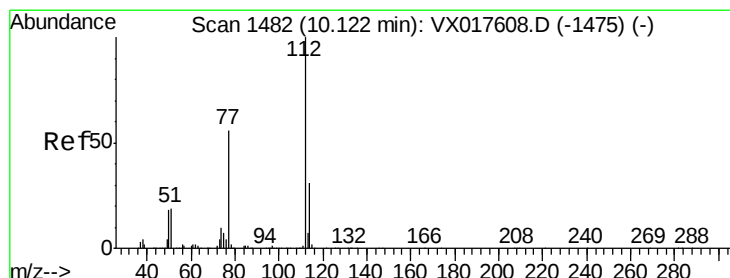
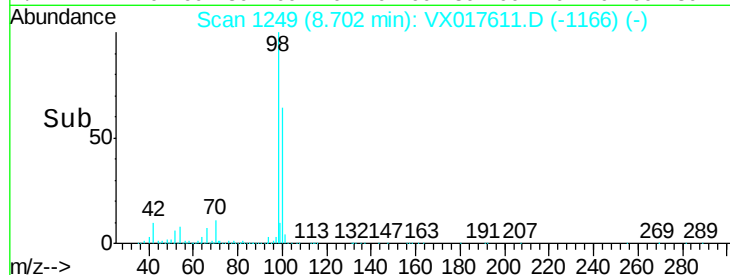
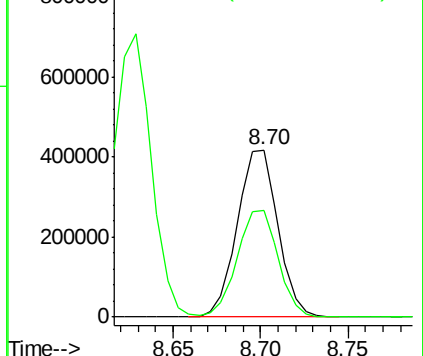
98 100

100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 151.884 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017611.D

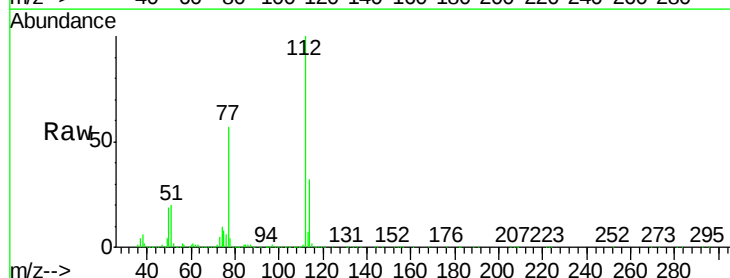
Acq: 27 Jul 2020 10:54

Tgt Ion: 112 Resp: 2539575

Ion Ratio Lower Upper

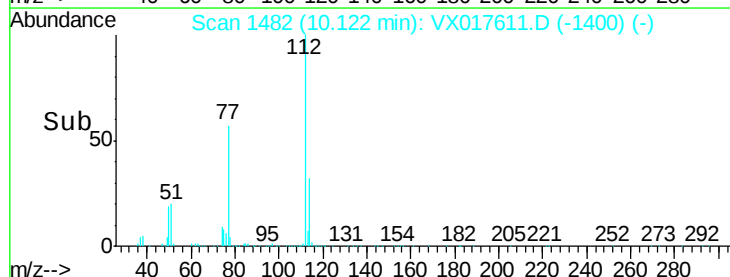
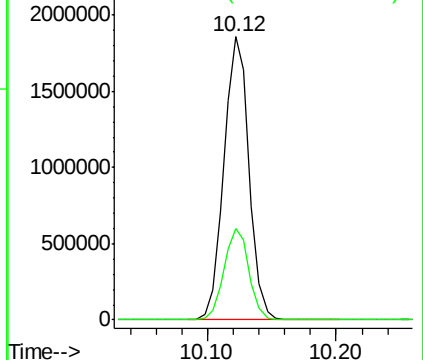
112 100

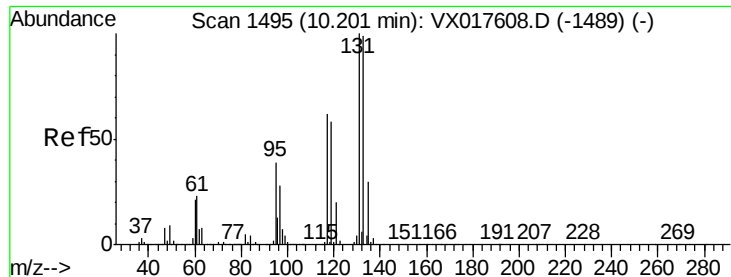
114 32.1 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 152.890 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

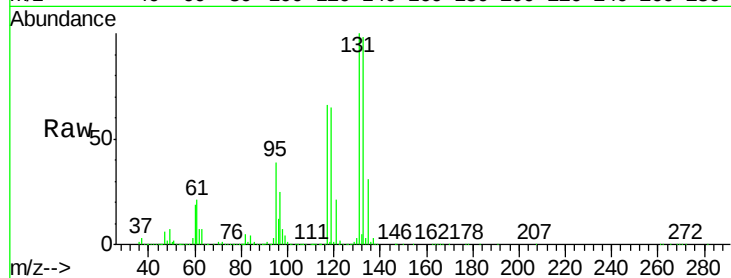
MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:131 Resp: 1058997

Ion	Ratio	Lower	Upper
131	100		
133	96.2	0.0	189.8
119	62.1	0.0	119.6

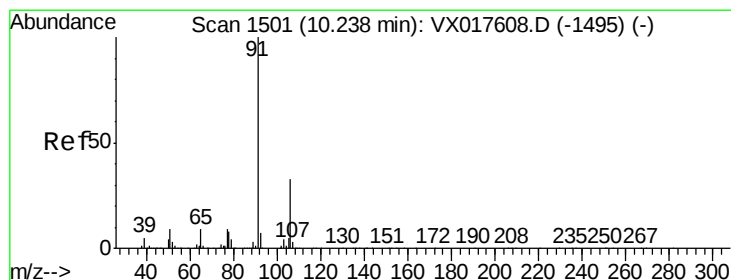
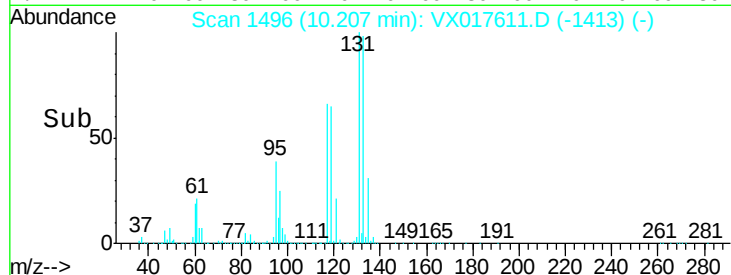
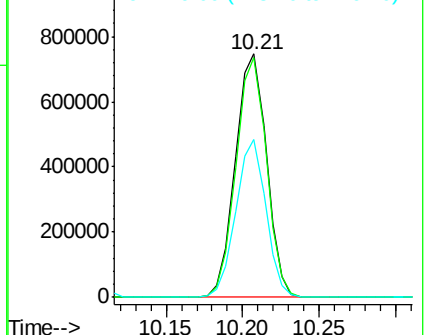


Abundance

Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 149.025 ug/l

RT: 10.24 min Scan# 1501

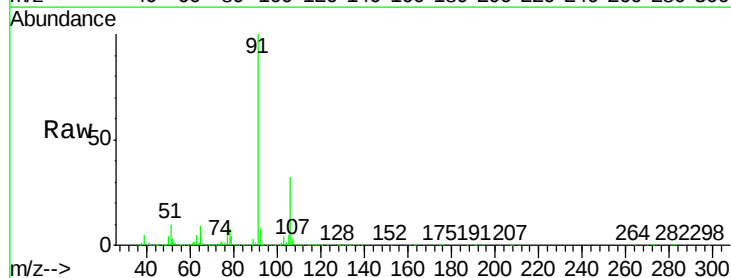
Delta R.T. -0.00 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Tgt Ion: 91 Resp: 4229978

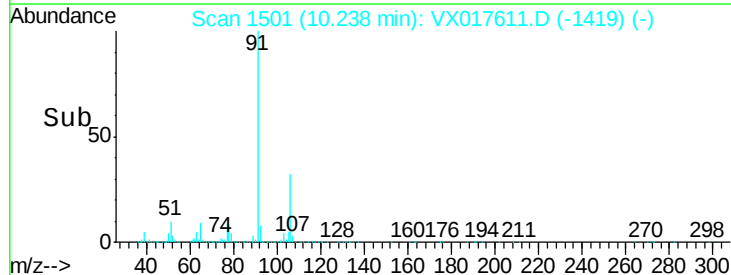
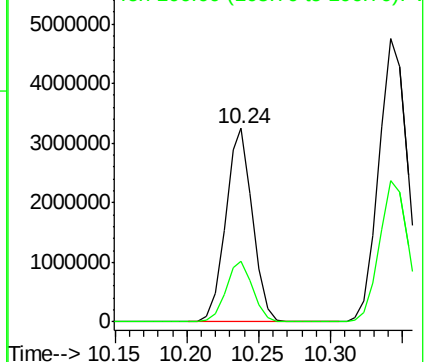
Ion	Ratio	Lower	Upper
91	100		
106	31.7	26.2	39.2

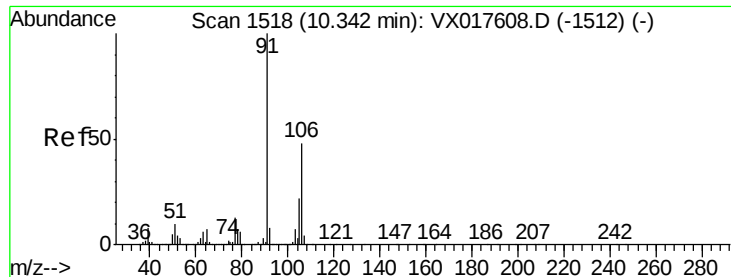


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 295.446 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

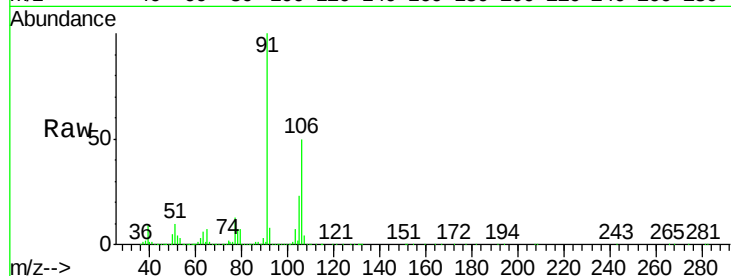
VSTDIC150

Tot Ion:106 Resp: 3217556

Ion Ratio Lower Upper

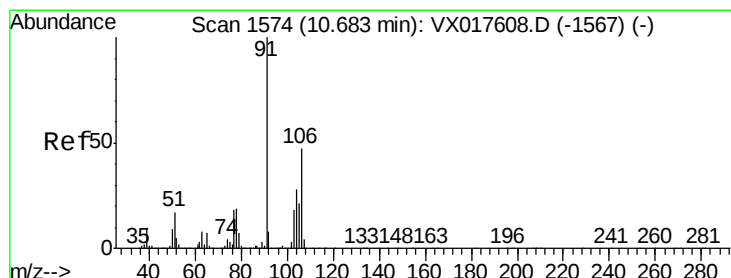
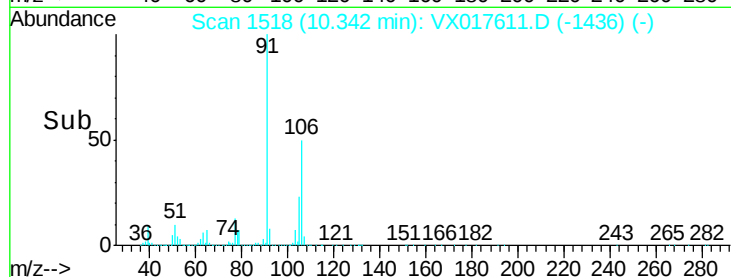
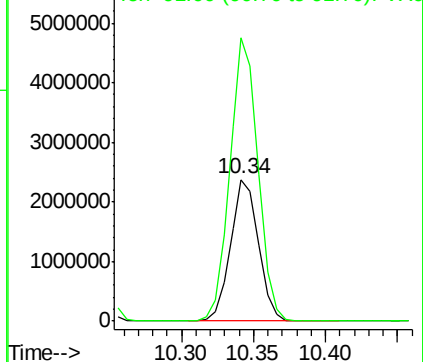
106 100

91 201.1 166.6 249.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 154.539 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017611.D

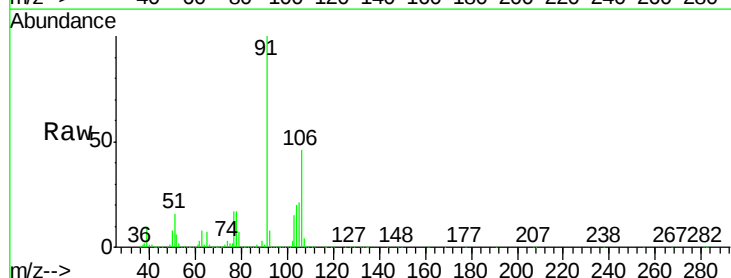
Acq: 27 Jul 2020 10:54

Tgt Ion:106 Resp: 1619342

Ion Ratio Lower Upper

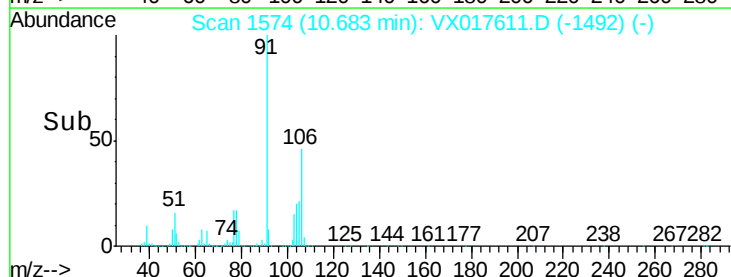
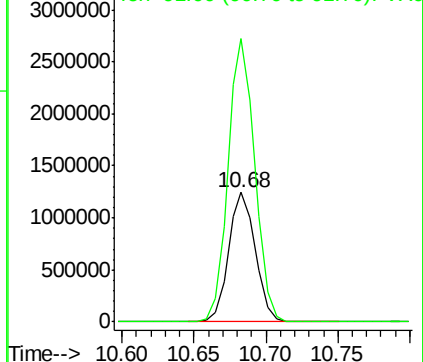
106 100

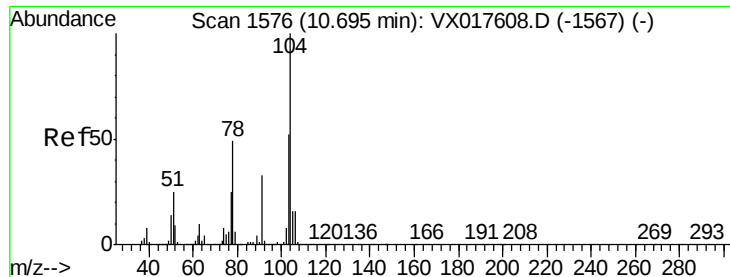
91 218.6 105.8 317.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

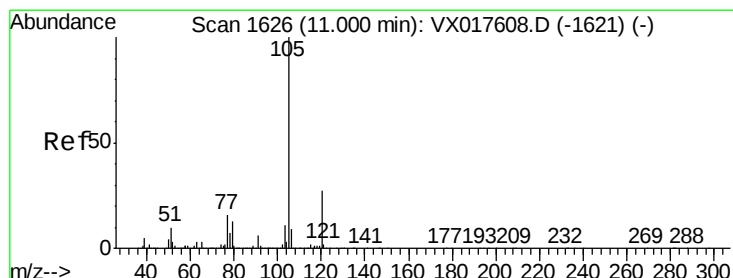
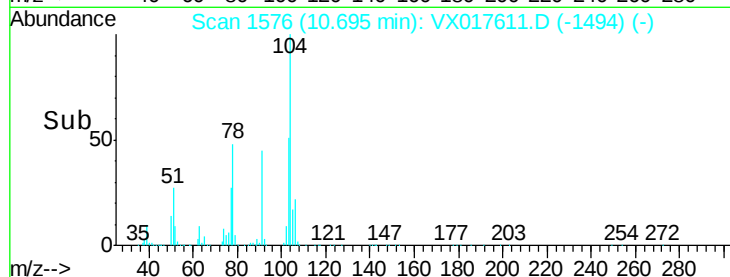
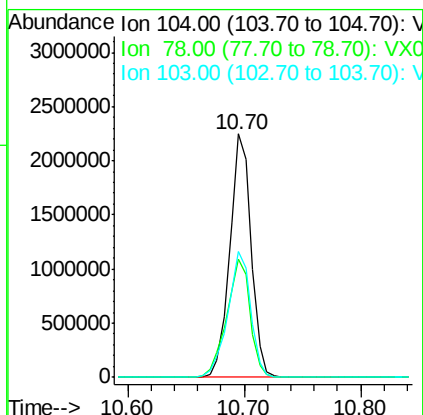
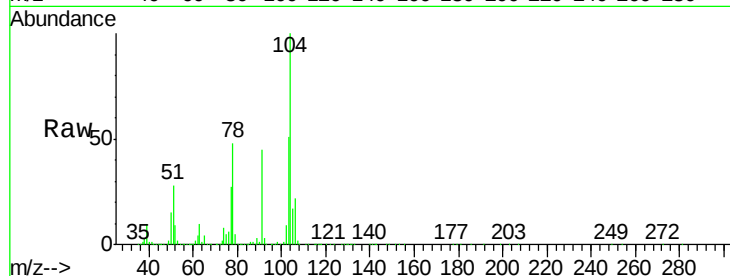




#69
Stvrene
Concen: 154.332 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

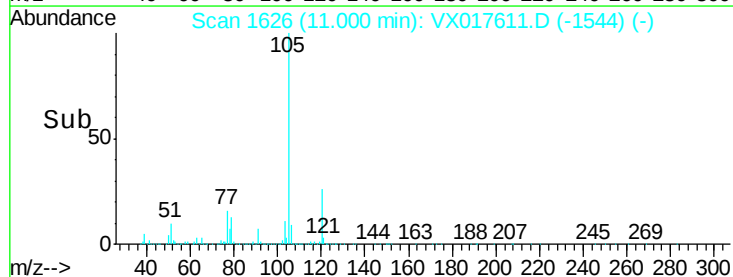
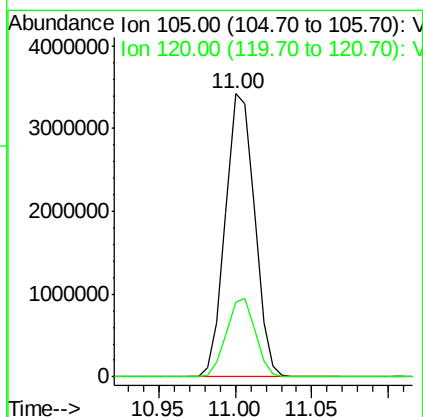
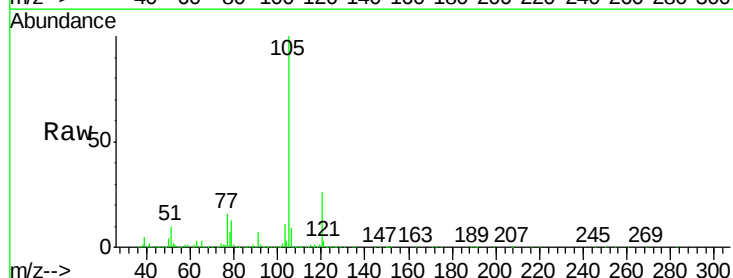
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

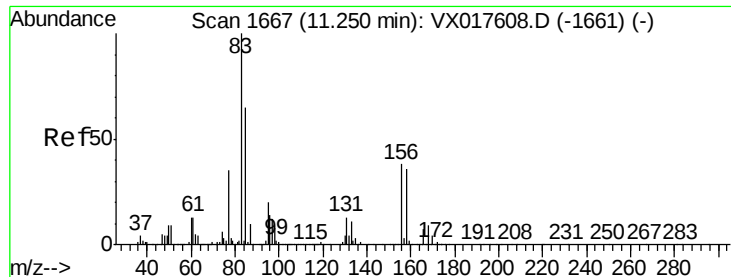
Tot Ion:104 Resp: 2857978
Ion Ratio Lower Upper
104 100
78 53.3 41.7 62.5
103 55.1 43.4 65.2



#70
Isopropylbenzene
Concen: 154.234 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

Tgt Ion:105 Resp: 4538625
Ion Ratio Lower Upper
105 100
120 27.2 18.7 34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 144.830 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

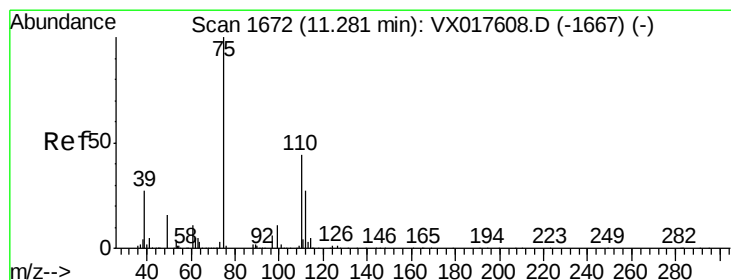
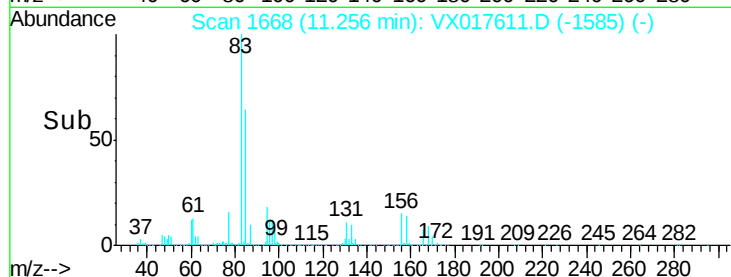
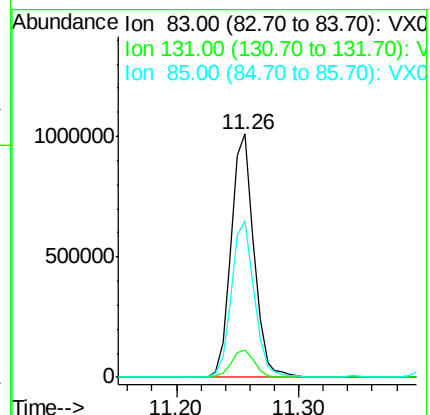
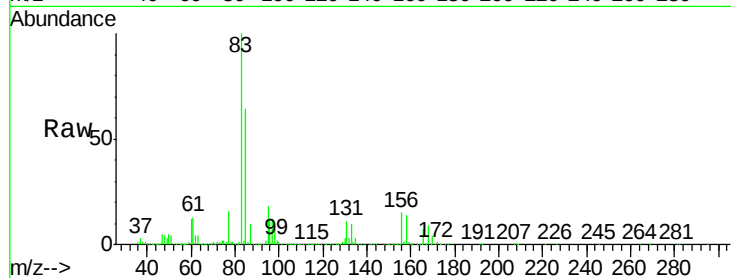
Tot Ion: 83 Resp: 1296077

Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.9	17.8
85	64.7	32.7	98.1

83 100

131 11.4 5.9 17.8

85 64.7 32.7 98.1



#72

1,2,3-Trichloropropane

Concen: 190.667 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017611.D

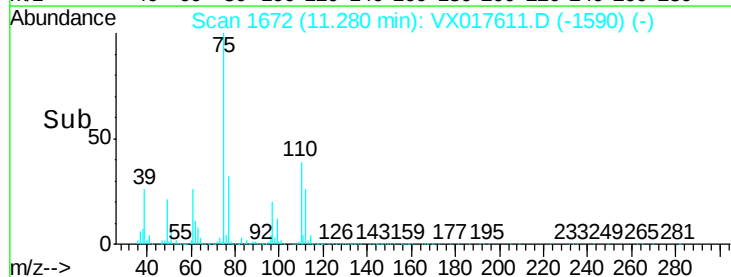
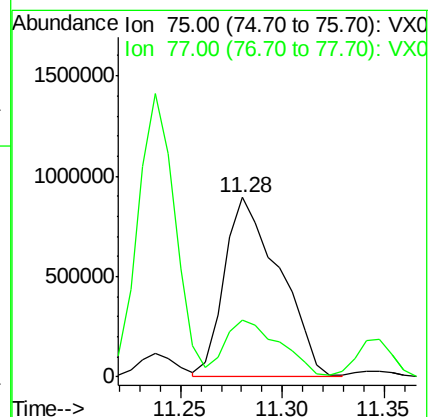
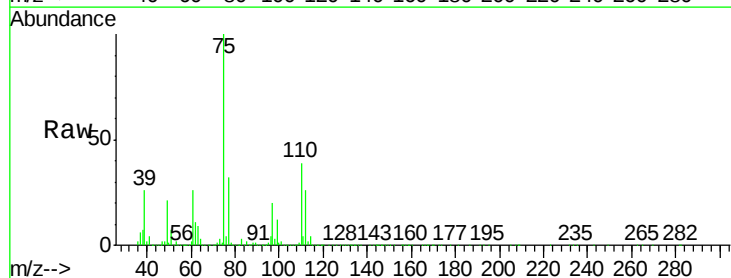
Acq: 27 Jul 2020 10:54

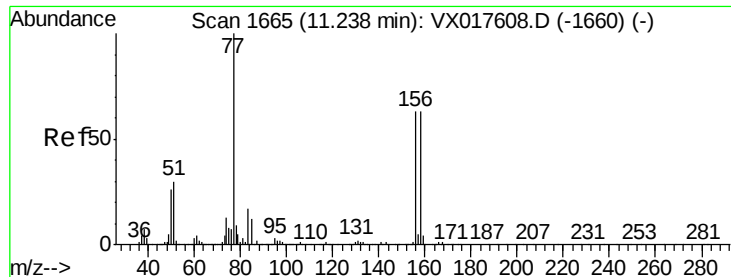
Tgt Ion: 75 Resp: 1682680

Ion	Ratio	Lower	Upper
75	100		
77	31.7	0.0	73.2

75 100

77 31.7 0.0 73.2





#73

Bromobenzene

Concen: 146.828 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

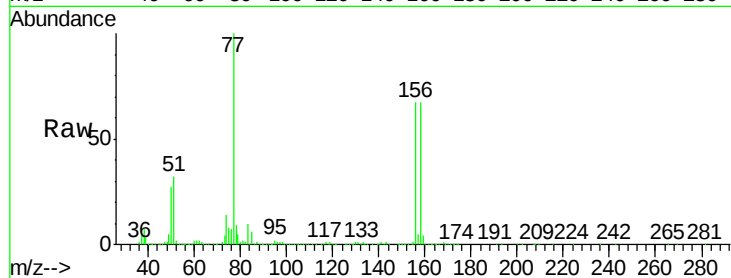
Tot Ion:156 Resp: 1200590

Ion Ratio Lower Upper

156 100

77 148.7 0.0 302.0

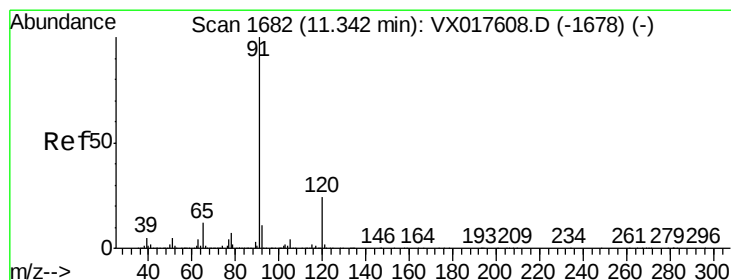
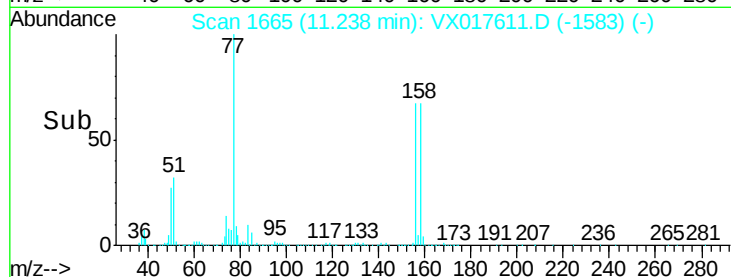
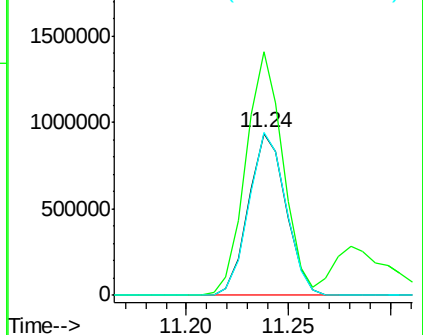
158 99.1 0.0 199.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 168.359 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX017611.D

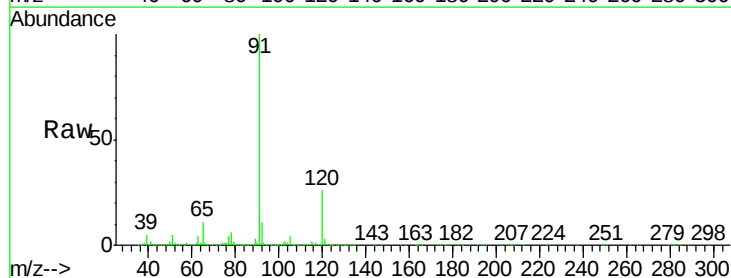
Acq: 27 Jul 2020 10:54

Tgt Ion: 91 Resp: 5652546

Ion Ratio Lower Upper

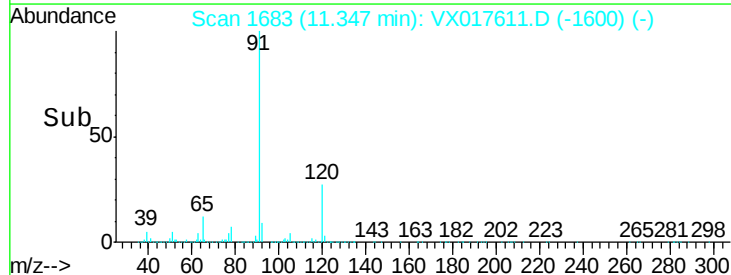
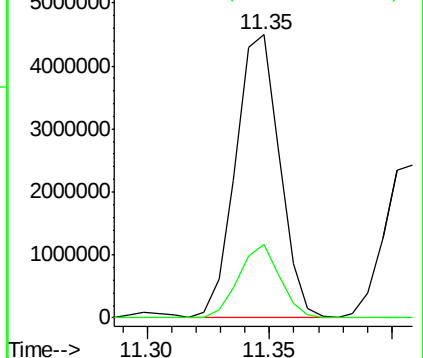
91 100

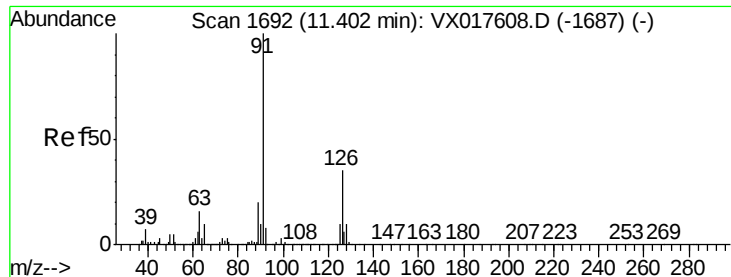
120 24.3 0.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 154.950 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

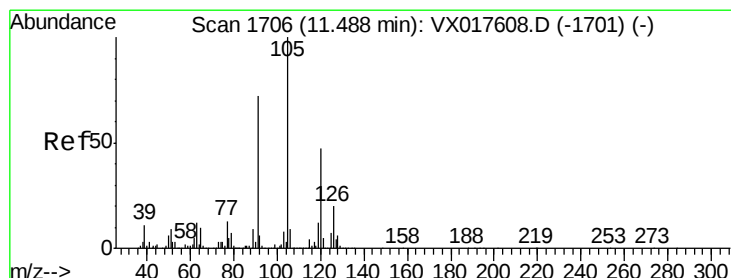
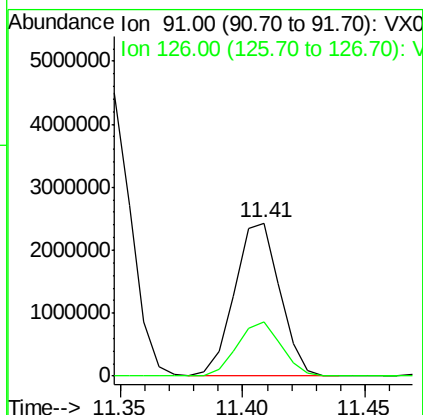
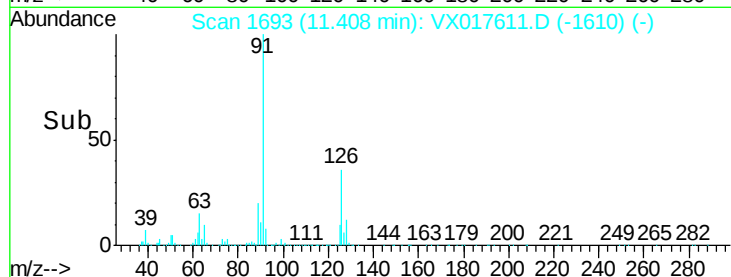
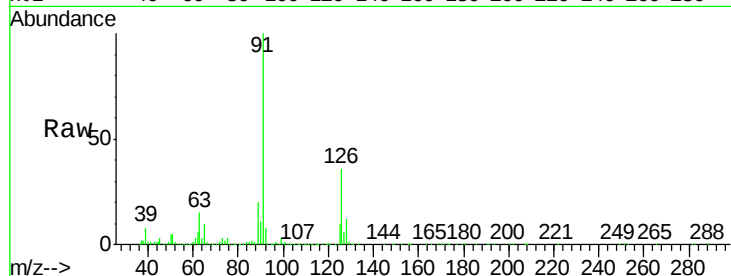
VSTDIC150

Tot Ion: 91 Resp: 3149243

Ion Ratio Lower Upper

91 100

126 34.6 0.0 67.8



#76

1,3,5-Trimethylbenzene

Concen: 165.263 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX017611.D

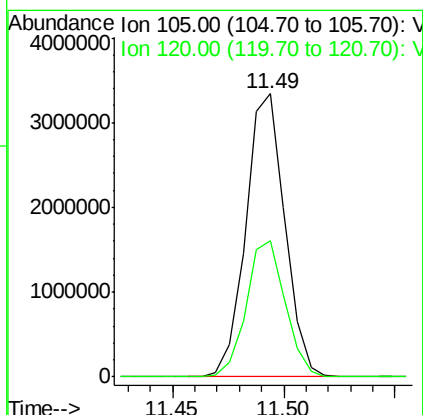
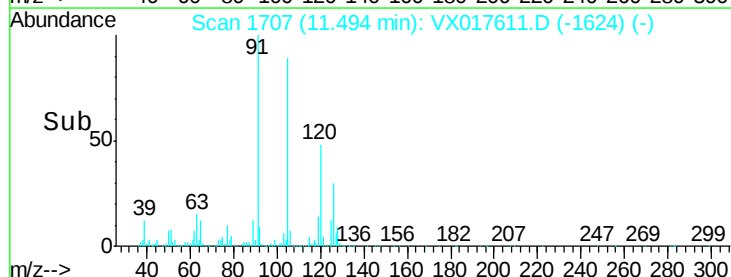
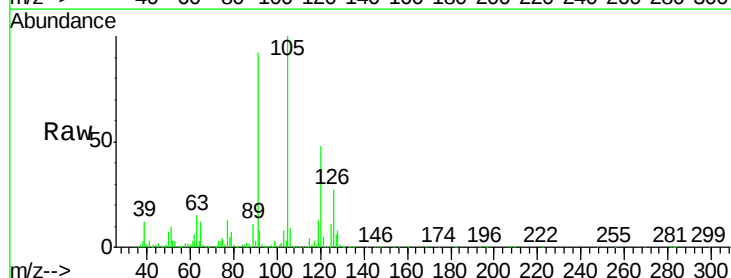
Acq: 27 Jul 2020 10:54

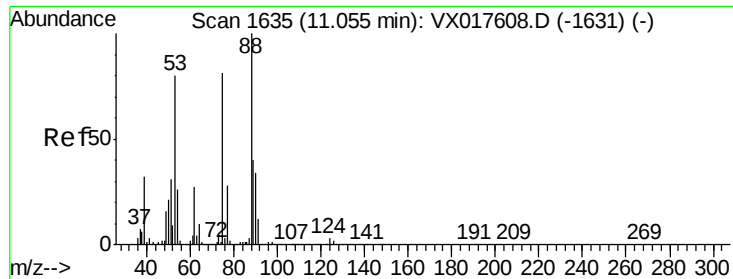
Tgt Ion: 105 Resp: 4078420

Ion Ratio Lower Upper

105 100

120 47.9 0.0 95.8

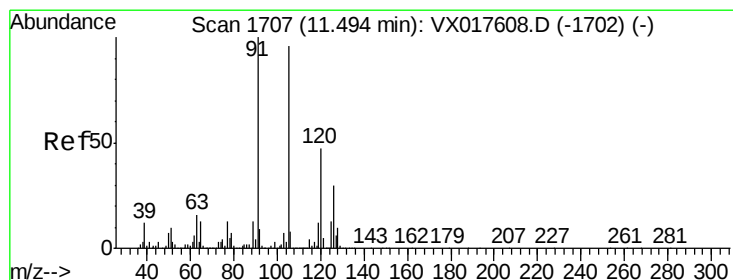
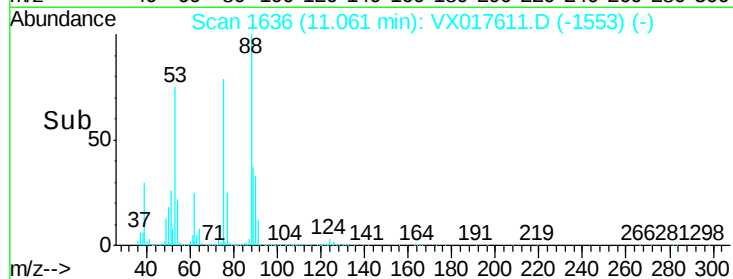
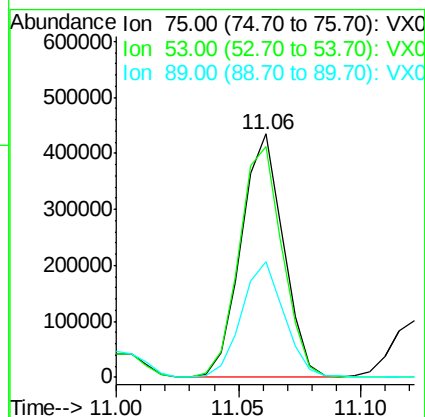
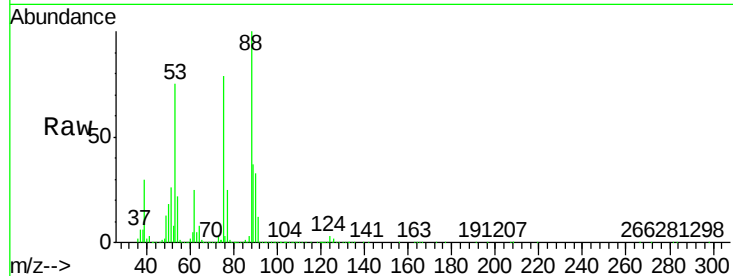




#77
t-1,4-Dichloro-2-butene
Concen: 150.817 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

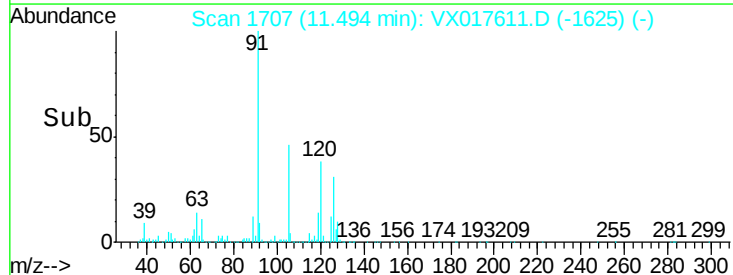
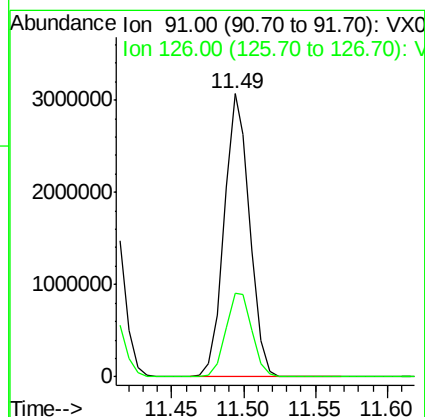
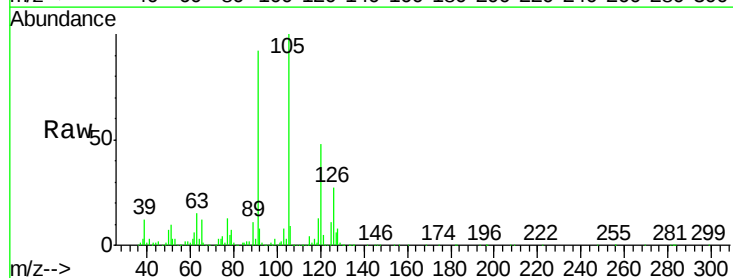
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

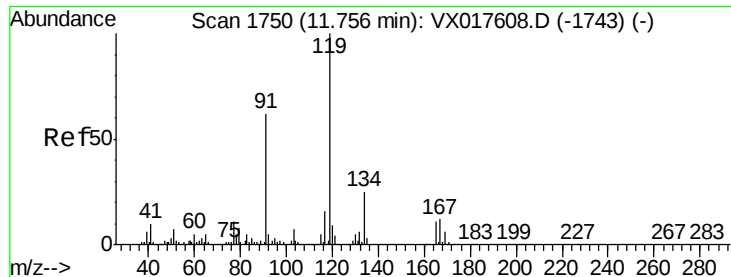
Tot Ion	Ratio	Lower	Upper
75	100		
53	94.8	49.0	147.0
89	47.2	24.4	73.2



#78
4-Chlorotoluene
Concen: 158.390 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	0.0	60.8

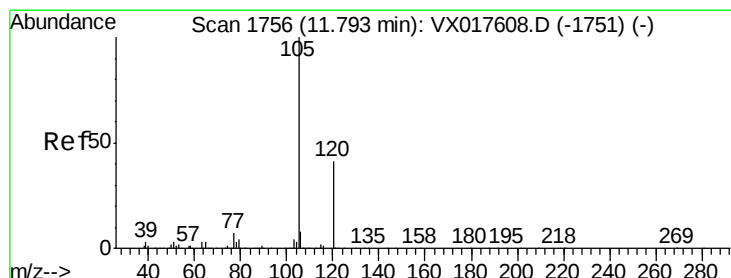
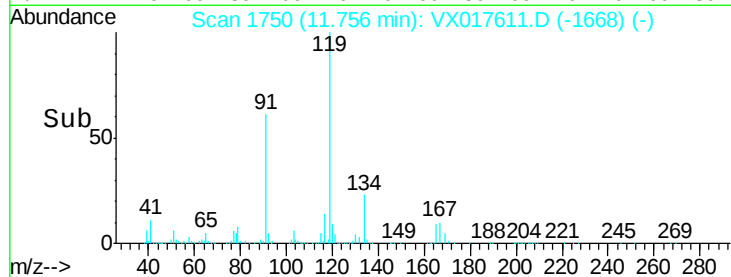
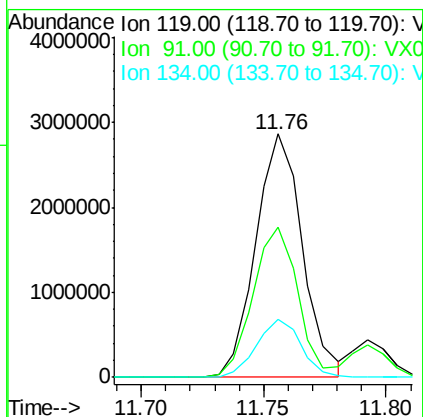
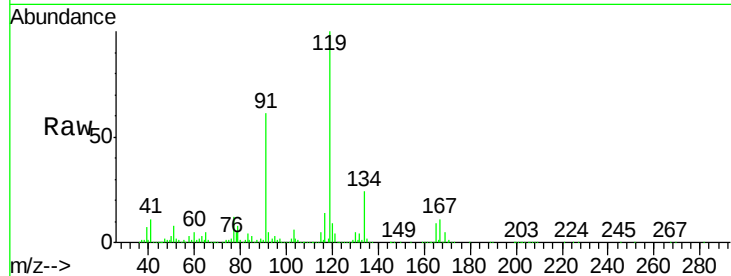




#79
tert-butylbenzene
Concen: 159.384 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

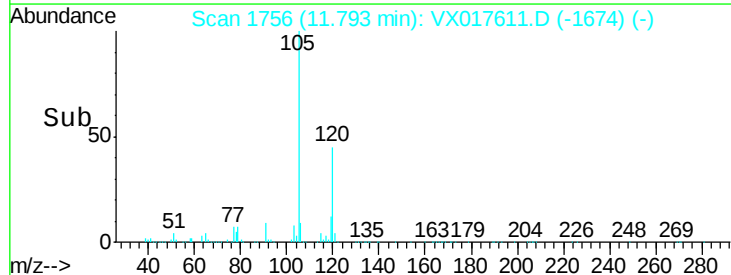
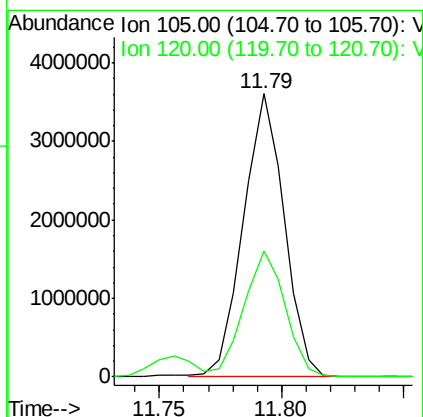
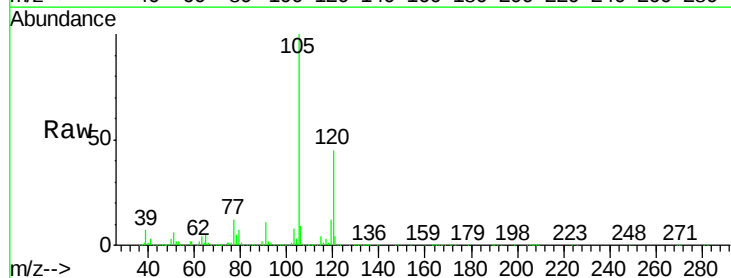
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

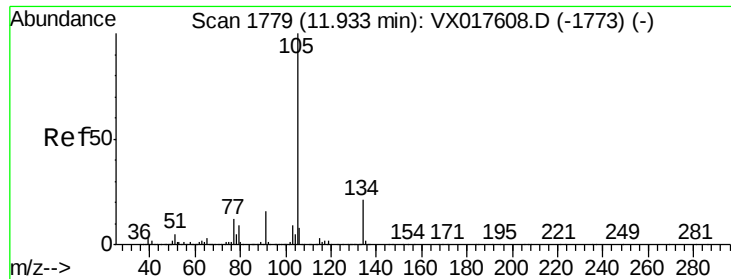
Tot Ion:119 Resp: 3822349
Ion Ratio Lower Upper
119 100
91 58.6 0.0 121.0
134 22.7 0.0 45.0



#80
1,2,4-Trimethylbenzene
Concen: 168.140 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

Tgt Ion:105 Resp: 4174945
Ion Ratio Lower Upper
105 100
120 45.1 0.0 90.0





#81

sec-Butylbenzene

Concen: 165.720 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

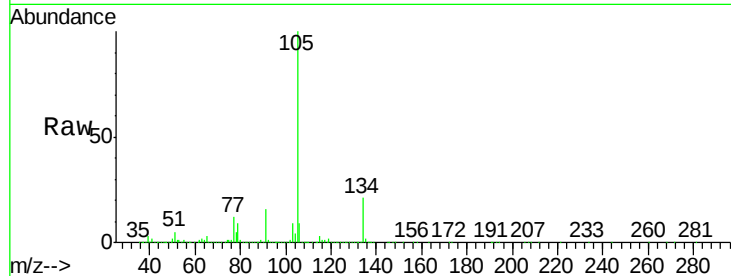
VSTDIC150

Tot Ion:105 Resp: 4591525

Ion Ratio Lower Upper

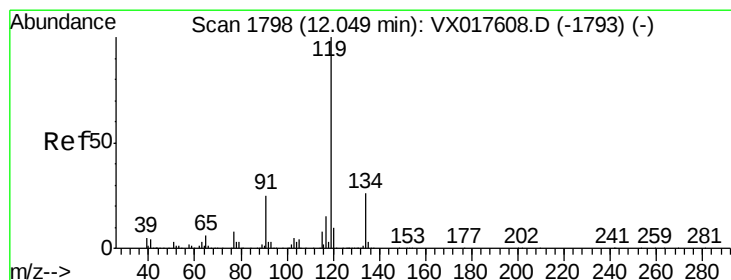
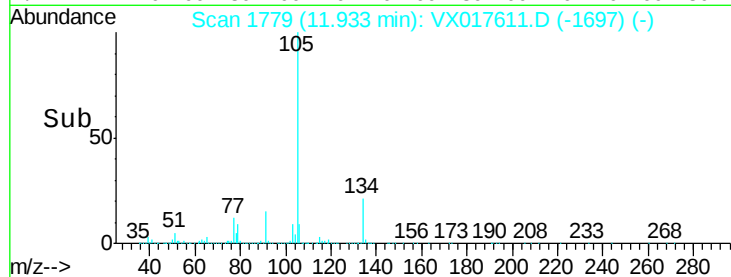
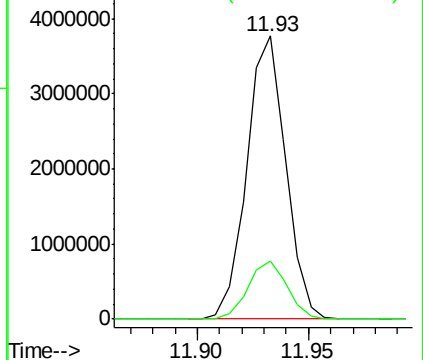
105 100

134 20.3 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 158.712 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

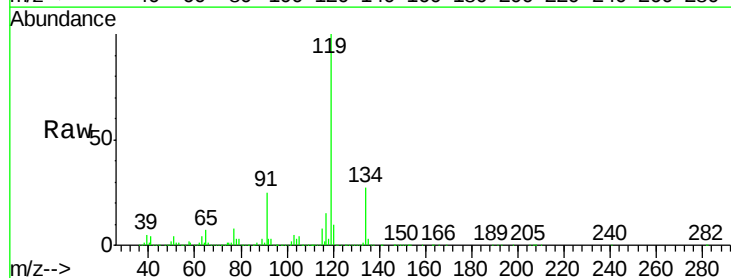
Tgt Ion:119 Resp: 4184860

Ion Ratio Lower Upper

119 100

134 26.9 0.0 52.6

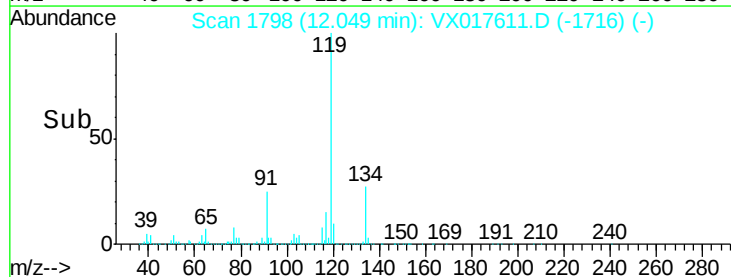
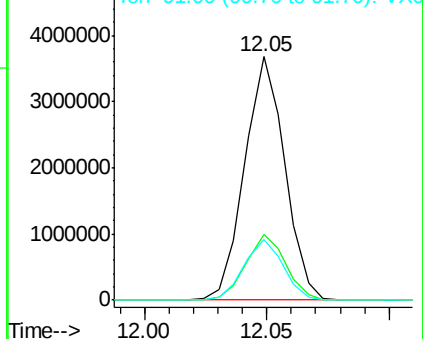
91 24.5 0.0 48.2

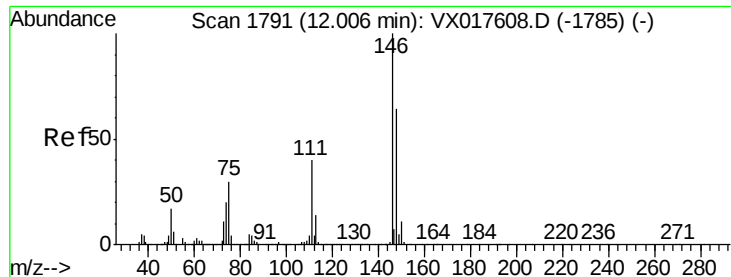


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

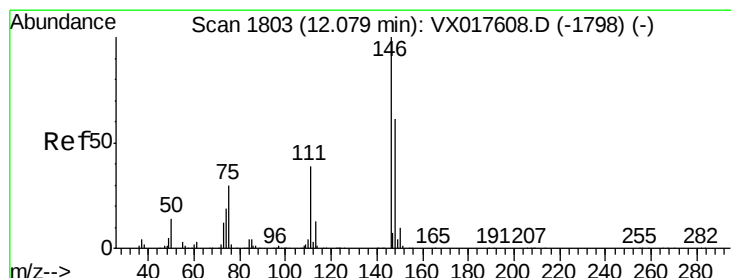
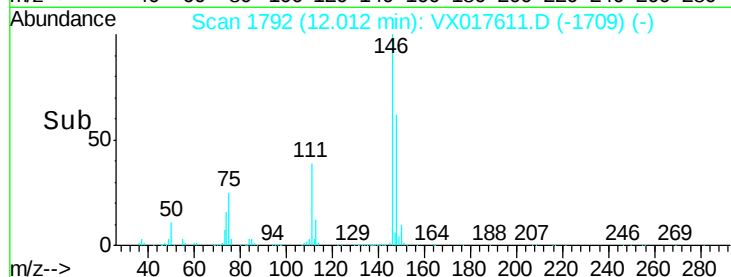
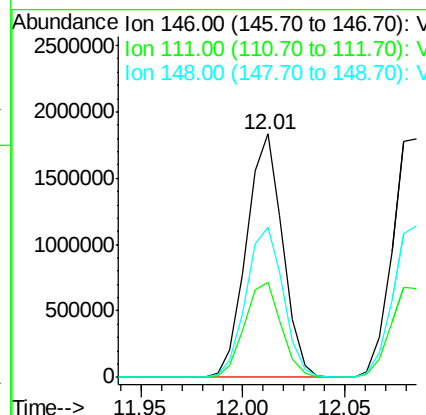
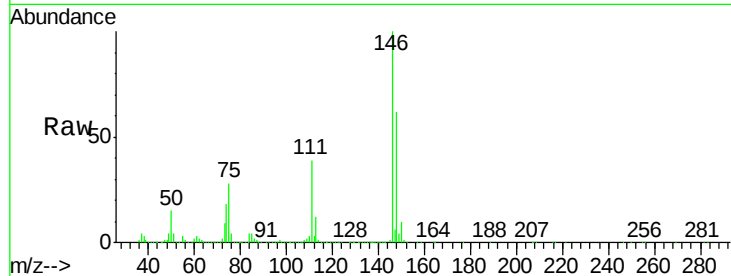




#83
 1,3-Dichlorobenzene
 Concen: 155.771 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX017611.D
 Acq: 27 Jul 2020 10:54

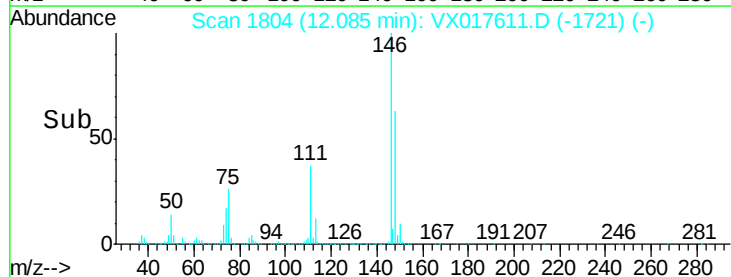
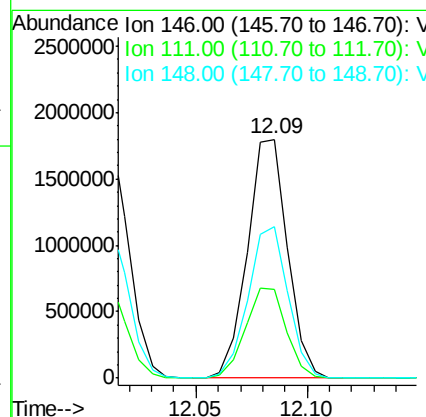
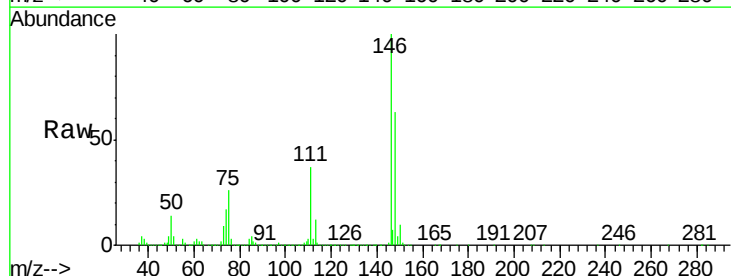
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

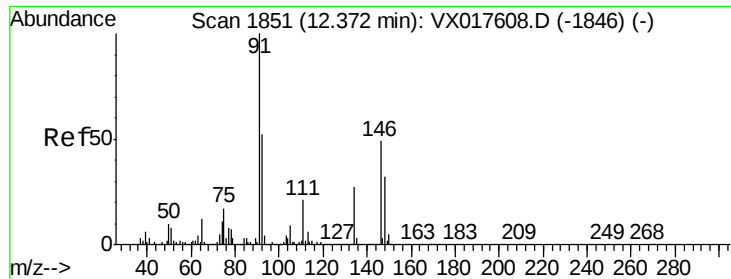
Tot Ion:146 Resp: 2251380
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.9 59.7
 148 63.4 32.6 98.0



#84
 1,4-Dichlorobenzene
 Concen: 154.743 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX017611.D
 Acq: 27 Jul 2020 10:54

Tgt Ion:146 Resp: 2267122
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.7 56.1
 148 63.2 31.6 94.8

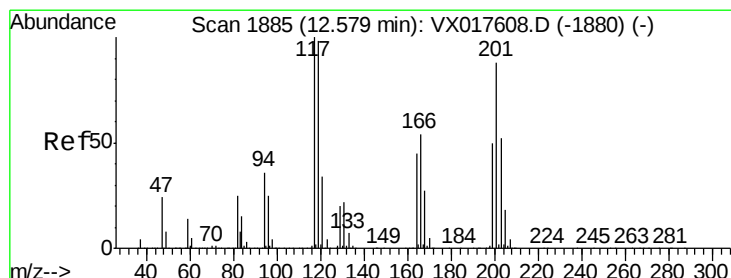
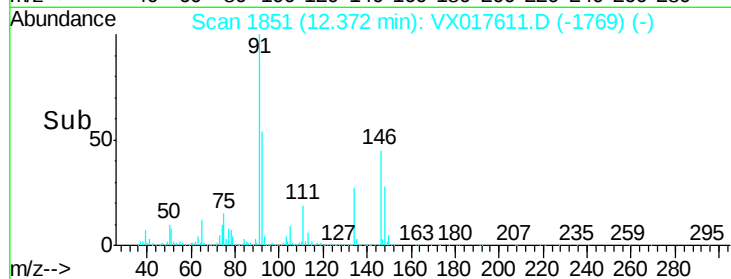
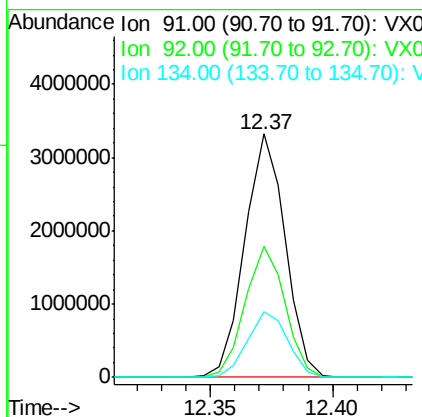
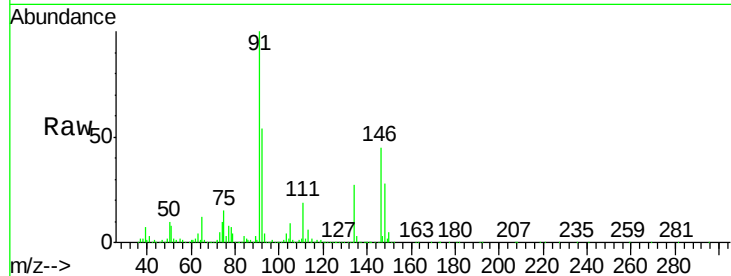




#85
n-Butylbenzene
Concen: 166.526 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

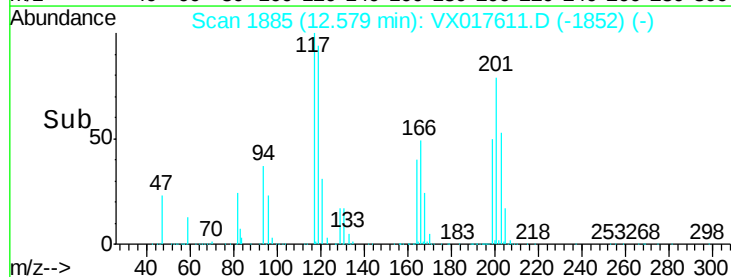
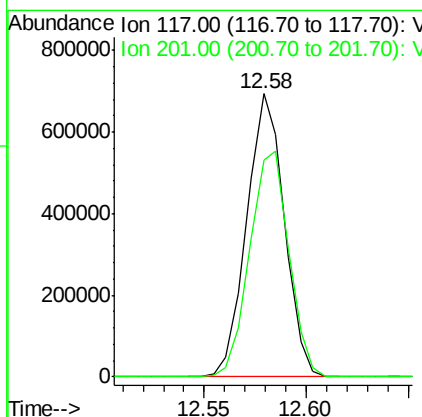
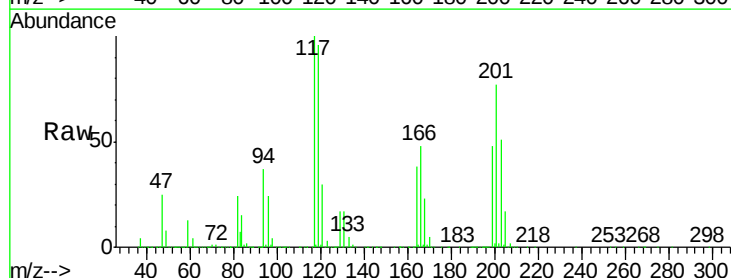
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

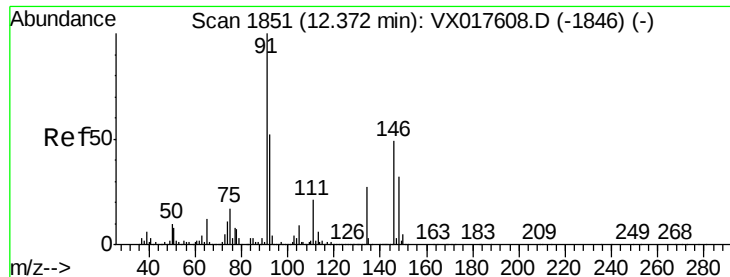
Tot Ion: 91 Resp: 3820368
Ion Ratio Lower Upper
91 100
92 53.5 0.0 104.0
134 27.3 0.0 55.0



#86
Hexachloroethane
Concen: 172.304 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

Tgt Ion: 117 Resp: 889515
Ion Ratio Lower Upper
117 100
201 83.2 43.1 129.3





#87

1,2-Dichlorobenzene

Concen: 151.336 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

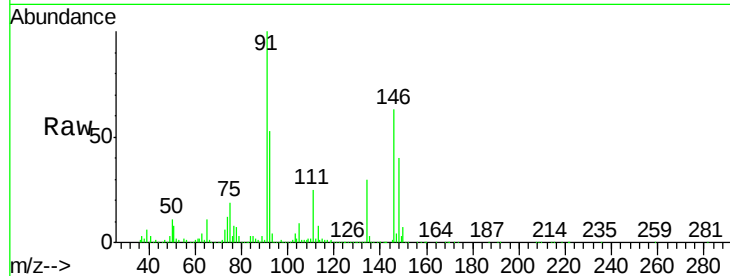
Tot Ion:146 Resp: 2125753

Ion Ratio Lower Upper

146 100

111 40.8 20.7 62.1

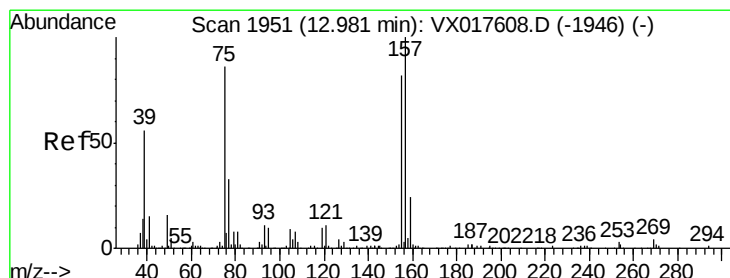
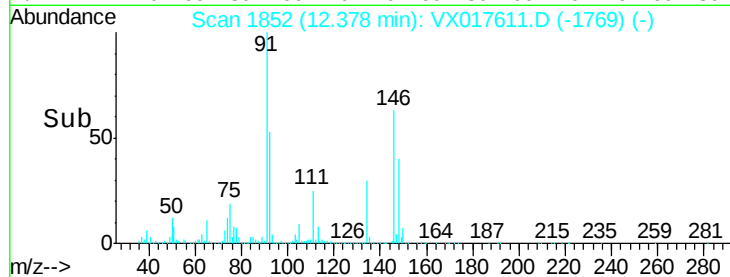
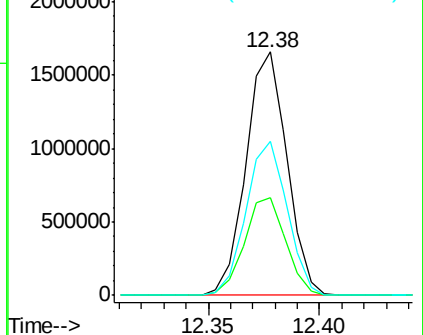
148 63.6 32.3 96.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 170.468 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017611.D

Acq: 27 Jul 2020 10:54

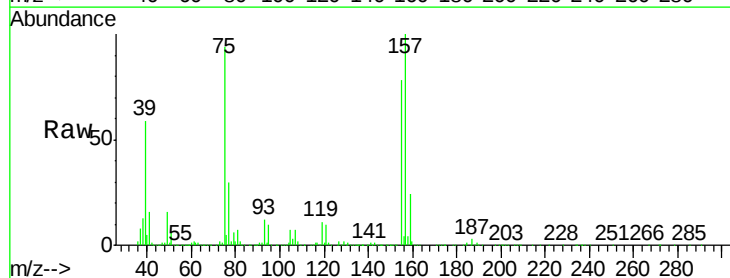
Tgt Ion: 75 Resp: 377250

Ion Ratio Lower Upper

75 100

155 85.0 69.5 104.3

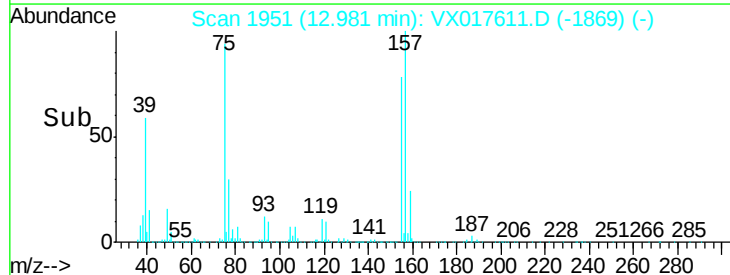
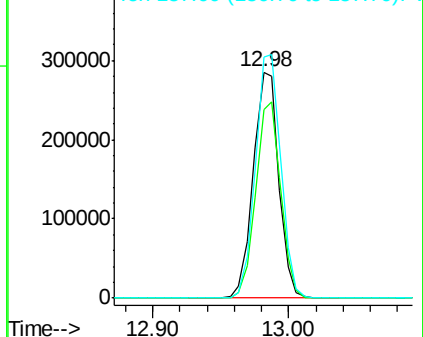
157 107.3 88.2 132.4

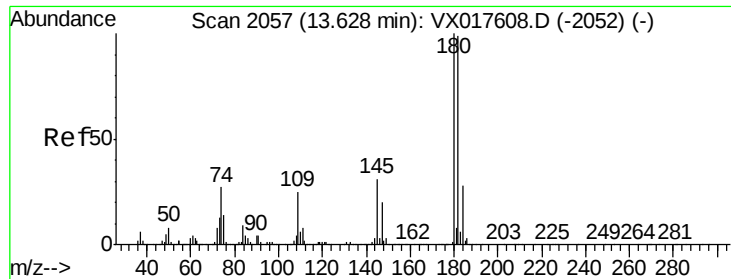


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V



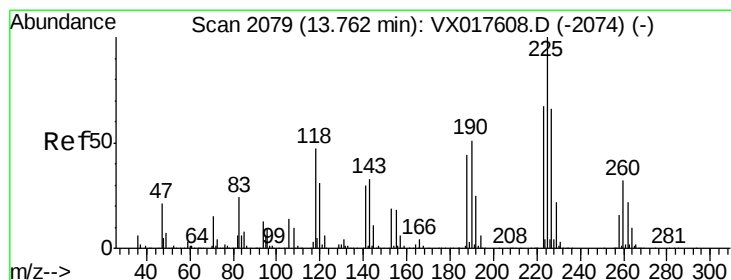
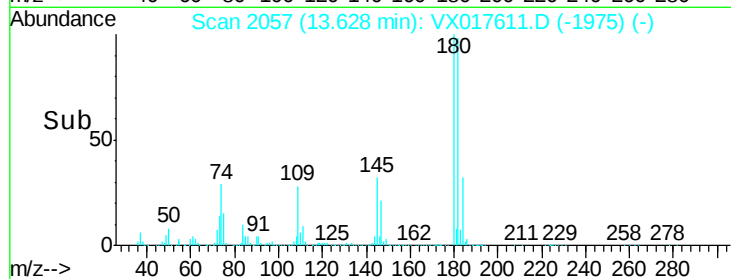
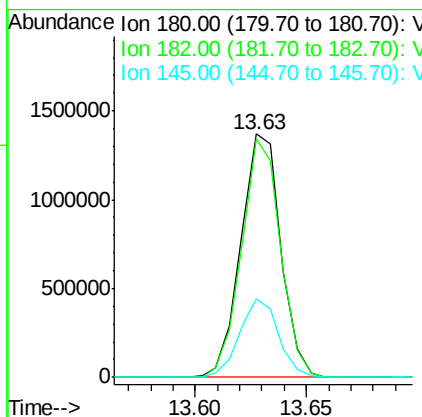
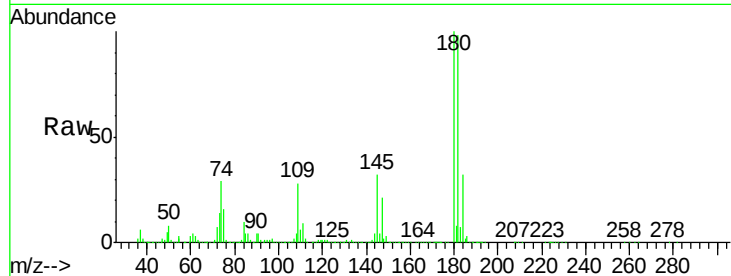


#89
 1,2,4-Trichlorobenzene
 Concen: 171.808 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017611.D
 Acq: 27 Jul 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:180 Resp: 1714906

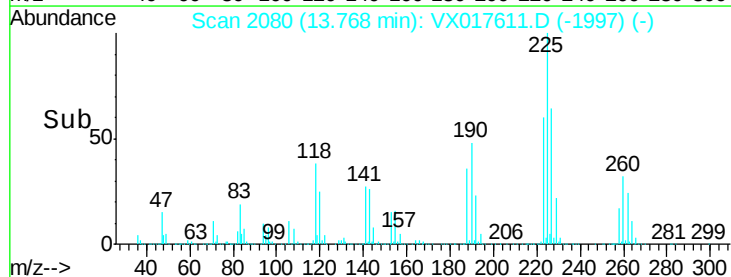
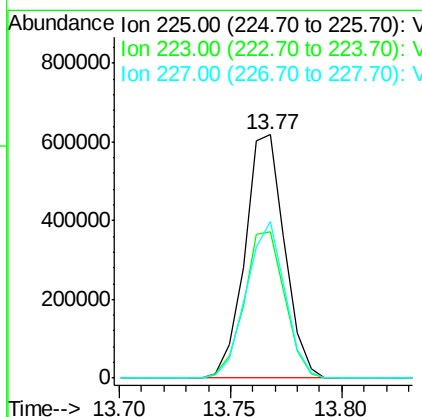
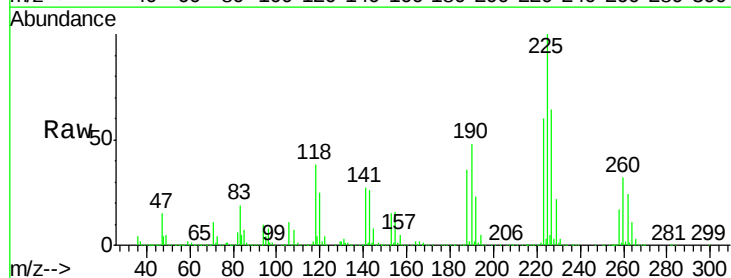
Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.4	116.0
145	31.4	24.9	37.3

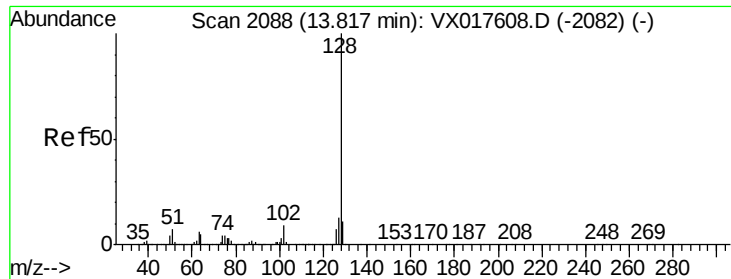


#90
 Hexachlorobutadiene
 Concen: 188.884 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX017611.D
 Acq: 27 Jul 2020 10:54

Tgt Ion:225 Resp: 769405

Ion	Ratio	Lower	Upper
225	100		
223	61.4	0.0	130.8
227	62.3	0.0	127.2

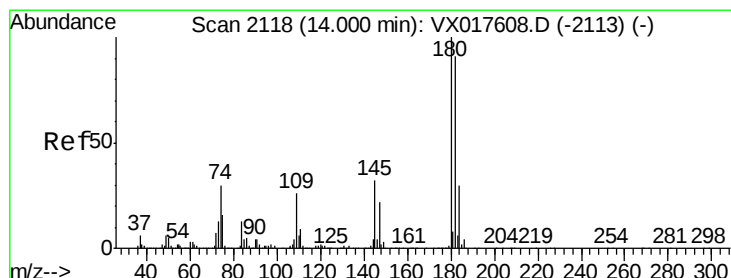
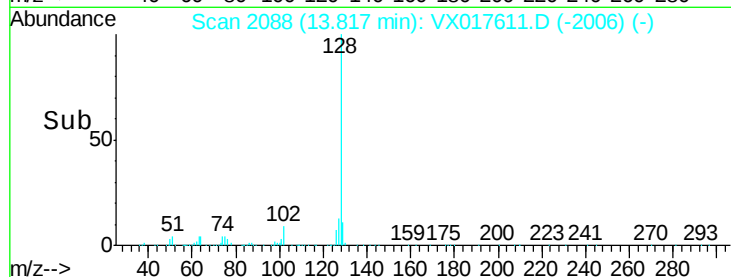
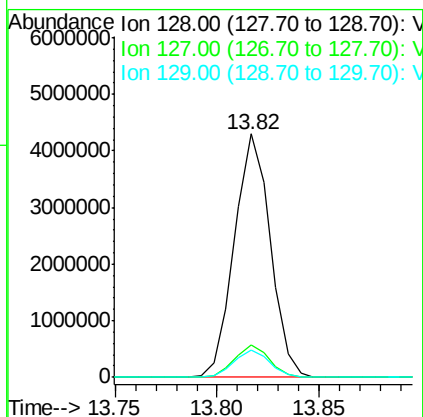
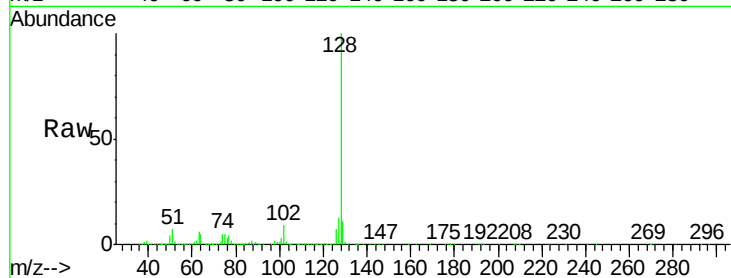




#91
Naphthalene
Concen: 172.289 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion:128 Resp: 5237863
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.1 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 165.512 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017611.D
Acq: 27 Jul 2020 10:54

Tgt Ion:180 Resp: 1624408
Ion Ratio Lower Upper
180 100
182 98.6 0.0 190.2
145 33.3 0.0 63.8

