

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071320\
 Data File : VX017351.D
 Acq On : 13 Jul 2020 11:46
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 13 12:24:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 13 11:59:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	297980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	445630	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	440348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	238121	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	363550	98.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.04%	
35) Dibromofluoromethane	5.47	113	295500	103.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.44%	
50) Toluene-d8	8.70	98	1091708	102.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.80%	
62) 4-Bromofluorobenzene	11.12	95	452176	108.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	217.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	270113	94.434	ug/l	99
3) Chloromethane	1.31	50	280112	82.473	ug/l	98
4) Vinyl Chloride	1.39	62	285196	89.225	ug/l	98
5) Bromomethane	1.62	94	164610	93.958	ug/l	97
6) Chloroethane	1.70	64	177547	93.256	ug/l	99
7) Trichlorofluoromethane	1.91	101	477960	98.751	ug/l	98
8) Diethyl Ether	2.17	74	160873	92.057	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	263336	92.349	ug/l	99
10) Methyl Iodide	2.49	142	371547	102.110	ug/l	99
11) Tert butyl alcohol	3.03	59	325552	472.316	ug/l	100
12) 1,1-Dichloroethene	2.36	96	259951	89.290	ug/l	96
13) Acrolein	2.27	56	187815	459.139	ug/l	99
14) Allyl chloride	2.70	41	466342	87.144	ug/l	100
15) Acrylonitrile	3.12	53	769983	462.766	ug/l	99
16) Acetone	2.42	43	641183	469.844	ug/l	98
17) Carbon Disulfide	2.55	76	777639	87.058	ug/l	98
18) Methyl Acetate	2.75	43	315127	89.224	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	942011	95.941	ug/l	98
20) Methylene Chloride	2.83	84	297067	85.741	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	302045	92.908	ug/l	96
22) Diisopropyl ether	3.82	45	895719	90.500	ug/l	99
23) Vinyl Acetate	3.79	43	4083674	478.281	ug/l	99
24) 1,1-Dichloroethane	3.67	63	515053	91.054	ug/l	99
25) 2-Butanone	4.64	43	1068907	473.407	ug/l	97
26) 2,2-Dichloropropane	4.55	77	477128	93.945	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	332121	90.692	ug/l	98
28) Bromochloromethane	4.99	49	237482	86.581	ug/l	99
29) Tetrahydrofuran	5.09	42	689699	464.338	ug/l	99
30) Chloroform	5.18	83	547623	93.653	ug/l	99
31) Cyclohexane	5.54	56	446098	92.177	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	518337	95.817	ug/l	99
36) 1,1-Dichloropropene	5.77	75	409866	97.277	ug/l	100
37) Ethyl Acetate	4.79	43	421915	99.258	ug/l	99
38) Carbon Tetrachloride	5.75	117	480572	102.505	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071320\
 Data File : VX017351.D
 Acq On : 13 Jul 2020 11:46
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 13 12:24:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 13 11:59:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	467629	100.233	ug/l	97
40) Benzene	6.12	78	1178609	95.502	ug/l	99
41) Methacrylonitrile	5.01	41	235352	98.357	ug/l	98
42) 1,2-Dichloroethane	6.17	62	453258	100.591	ug/l	99
43) Isopropyl Acetate	6.42	43	704869	99.649	ug/l	100
44) Trichloroethene	7.19	130	357552	95.498	ug/l	97
45) 1,2-Dichloropropane	7.49	63	301622	95.215	ug/l	99
46) Dibromomethane	7.63	93	218925	100.556	ug/l	99
47) Bromodichloromethane	7.88	83	463184	102.997	ug/l	99
48) Methyl methacrylate	7.74	41	351702	104.759	ug/l	99
49) 1,4-Dioxane	7.71	88	139686	1853.449	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2203998	521.464	ug/l	100
52) Toluene	8.77	92	781875	100.995	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	532078	107.326	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	542948	102.369	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	322600	101.516	ug/l	98
56) Ethyl methacrylate	9.16	69	503563	111.744	ug/l	100
57) 1,3-Dichloropropane	9.35	76	537429	100.307	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1256136	557.915	ug/l	100
59) 2-Hexanone	9.48	43	1679711	541.137	ug/l	100
60) Dibromochloromethane	9.57	129	410502	110.344	ug/l	99
61) 1,2-Dibromoethane	9.65	107	358011	104.663	ug/l	99
64) Tetrachloroethene	9.32	164	362242	100.493	ug/l	96
65) Chlorobenzene	10.12	112	885398	97.363	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	358285	101.527	ug/l	99
67) Ethyl Benzene	10.24	91	1554773	102.542	ug/l	99
68) m/p-Xylenes	10.34	106	1202949	206.664	ug/l	98
69) o-Xylene	10.68	106	580471	104.503	ug/l	100
70) Styrene	10.70	104	1023596	108.369	ug/l	99
71) Bromoform	10.84	173	321930	114.213	ug/l #	99
73) Isopropylbenzene	11.00	105	1567949	100.963	ug/l	99
74) N-amyl acetate	10.88	43	666301	101.768	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	450521	92.762	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	585872	126.373	ug/l	85
77) Bromobenzene	11.24	156	426122	99.018	ug/l	99
78) n-propylbenzene	11.34	91	1802285	102.555	ug/l	99
79) 2-Chlorotoluene	11.40	91	1064803	100.125	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1356490	105.185	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	181899	101.924	ug/l	98
82) 4-Chlorotoluene	11.49	91	1277734	100.345	ug/l	100
83) tert-Butylbenzene	11.76	119	1317885	103.994	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1380060	105.240	ug/l	100
85) sec-Butylbenzene	11.93	105	1545389	103.828	ug/l	100
86) p-Isopropyltoluene	12.05	119	1472867	106.438	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	760958	97.248	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	747700	93.658	ug/l	99
89) n-Butylbenzene	12.37	91	1247743	101.341	ug/l	99
90) Hexachloroethane	12.58	117	272460	100.094	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	711826	97.858	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	115253	98.261	ug/l	96

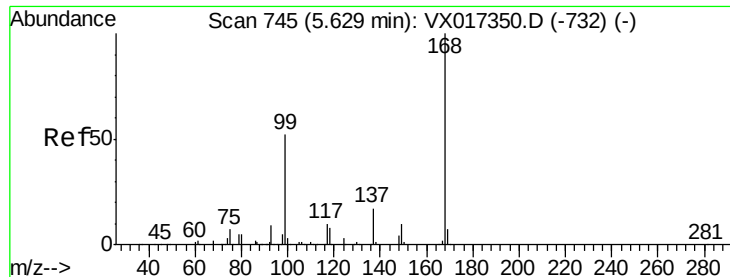
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071320\
Data File : VX017351.D
Acq On : 13 Jul 2020 11:46
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Jul 13 12:24:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 13 11:59:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	521090	104.526	ug/l	100
94) Hexachlorobutadiene	13.77	225	208356	102.195	ug/l	98
95) Naphthalene	13.82	128	1624021	108.311	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	511147	106.176	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

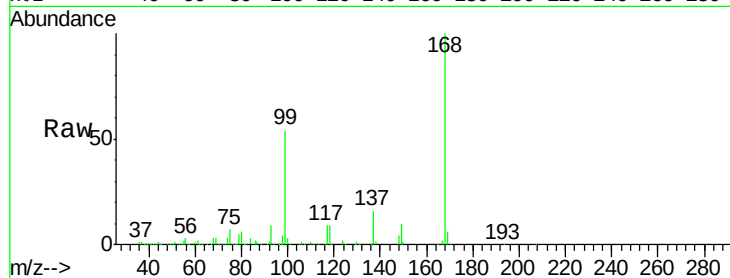
VSTDICC100

Tgt Ion:168 Resp: 297980

Ion Ratio Lower Upper

168 100

99 54.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

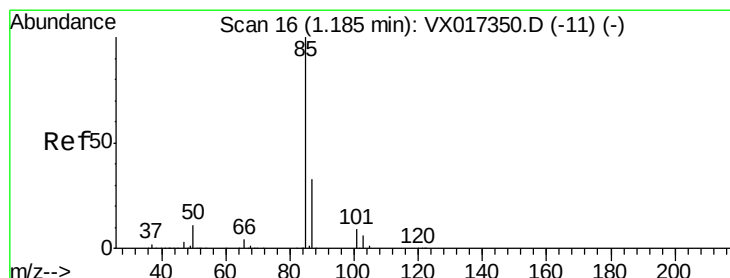
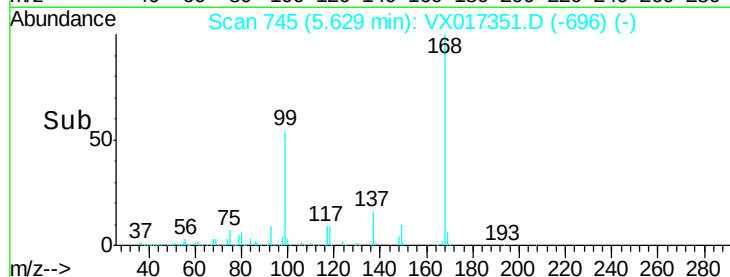
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 94.434 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017351.D

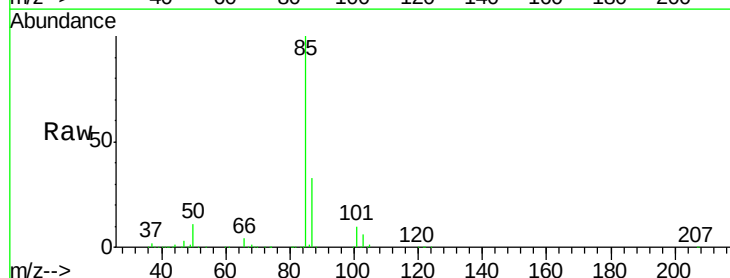
Acq: 13 Jul 2020 11:46

Tgt Ion: 85 Resp: 270113

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

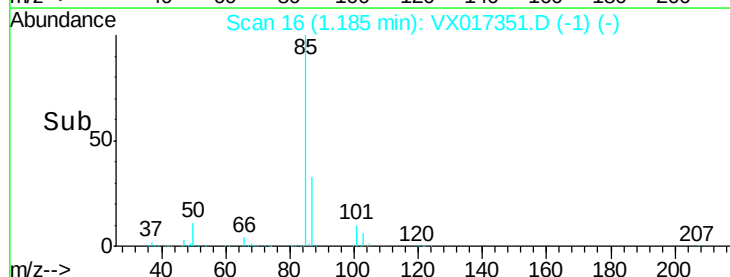
300000

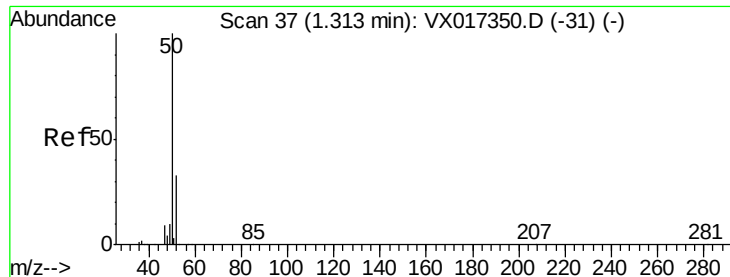
200000

100000

0

Time-->





#3

Chloromethane

Concen: 82.473 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

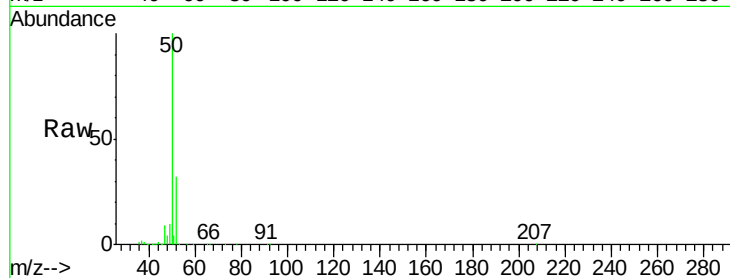
VSTDICC100

Tgt Ion: 50 Resp: 280112

Ion Ratio Lower Upper

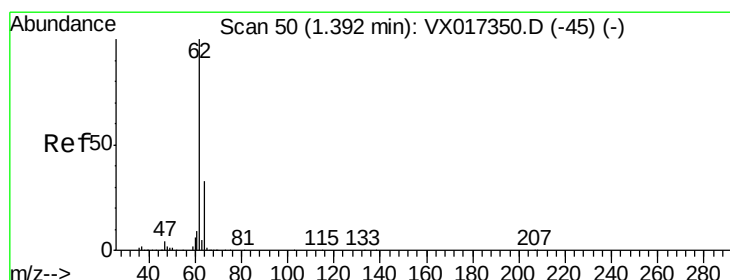
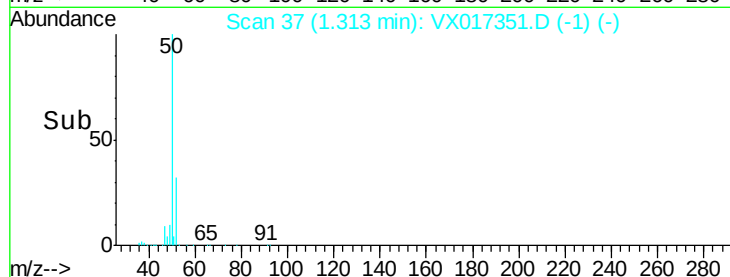
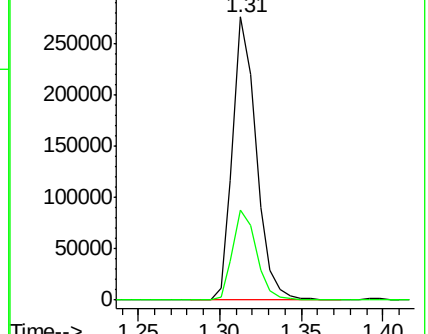
50 100

52 32.0 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 89.225 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017351.D

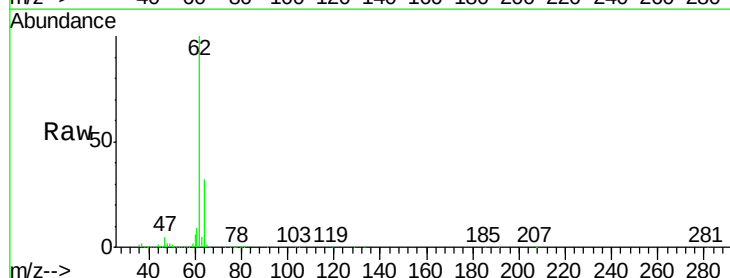
Acq: 13 Jul 2020 11:46

Tgt Ion: 62 Resp: 285196

Ion Ratio Lower Upper

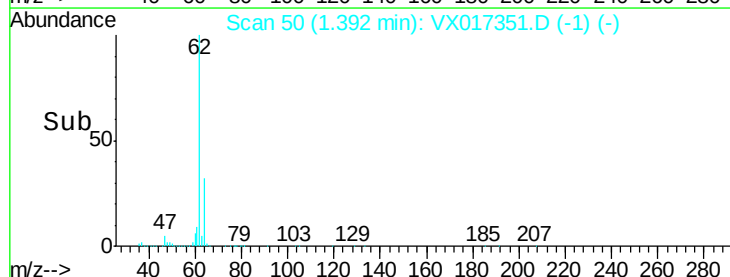
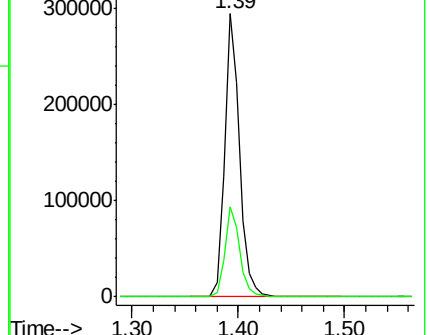
62 100

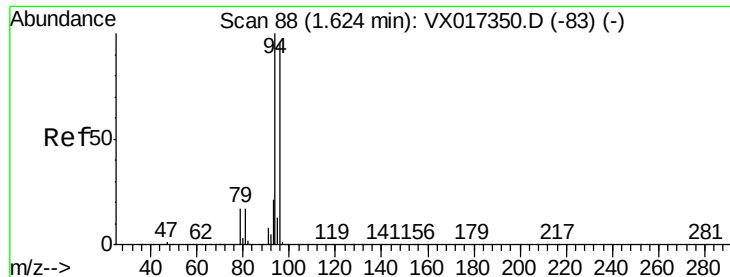
64 31.9 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 93.958 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

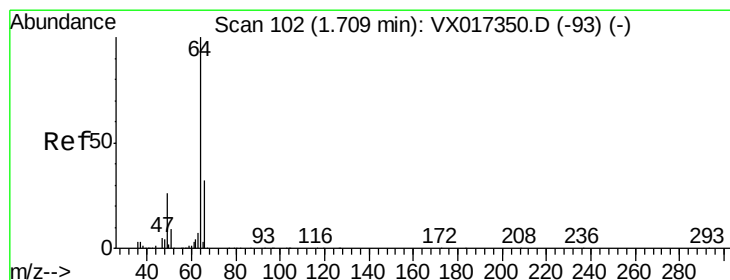
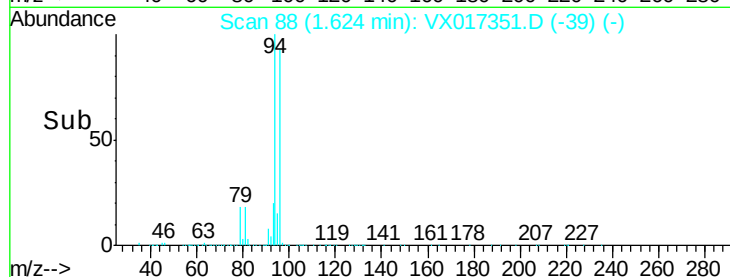
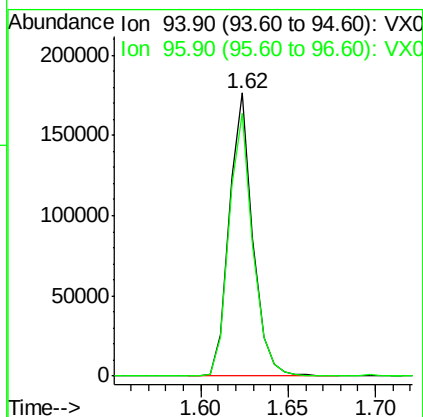
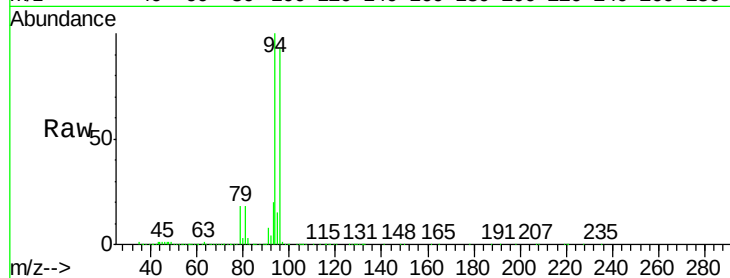
VSTDIC100

Tgt Ion: 94 Resp: 164610

Ion Ratio Lower Upper

94 100

96 92.7 76.6 115.0



#6

Chloroethane

Concen: 93.256 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017351.D

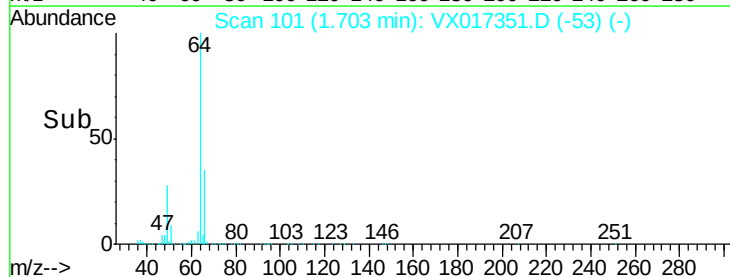
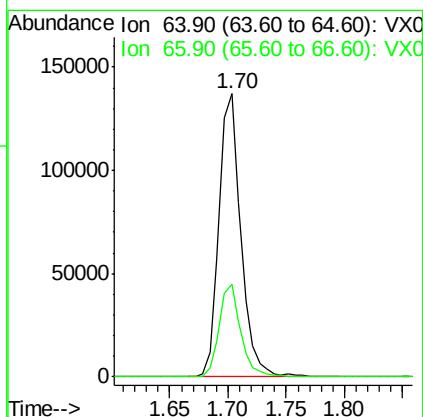
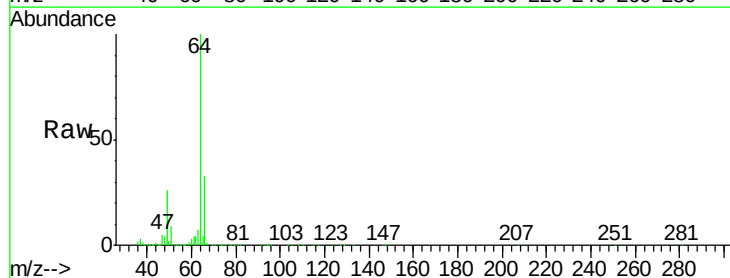
Acq: 13 Jul 2020 11:46

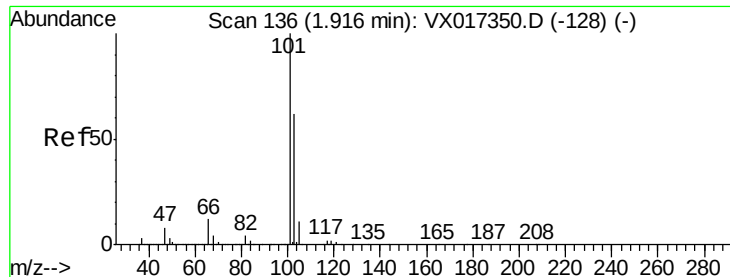
Tgt Ion: 64 Resp: 177547

Ion Ratio Lower Upper

64 100

66 32.8 25.7 38.5



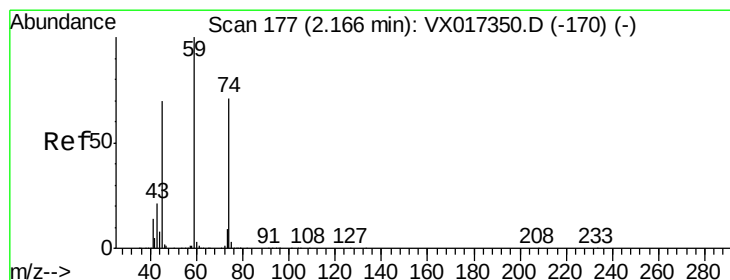
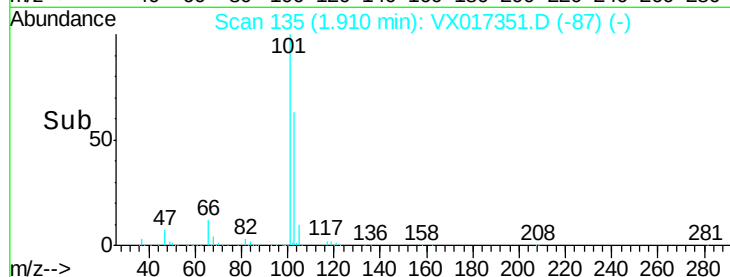
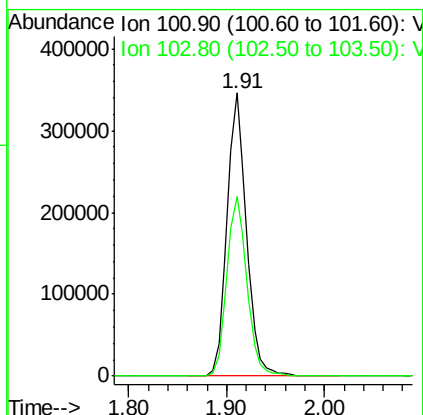
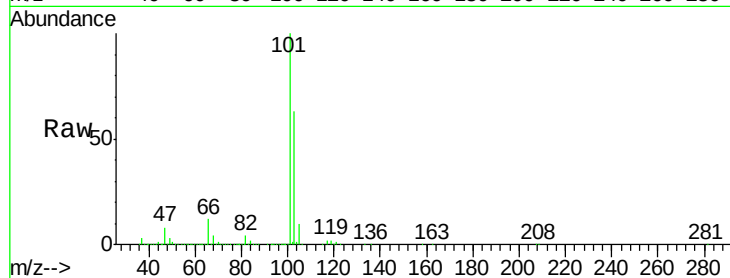


#7

Trichlorofluoromethane
 Concen: 98.751 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017351.D
 Acq: 13 Jul 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

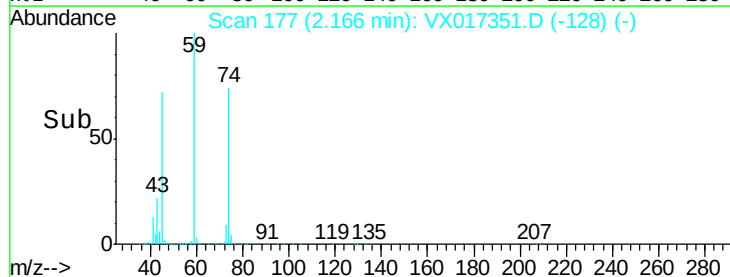
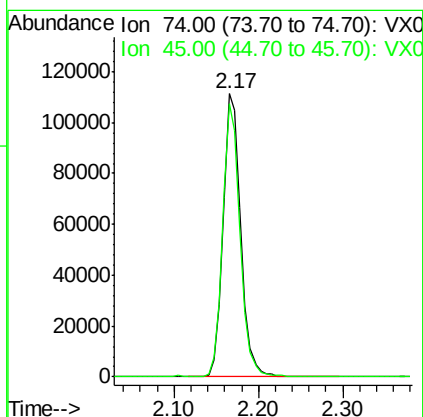
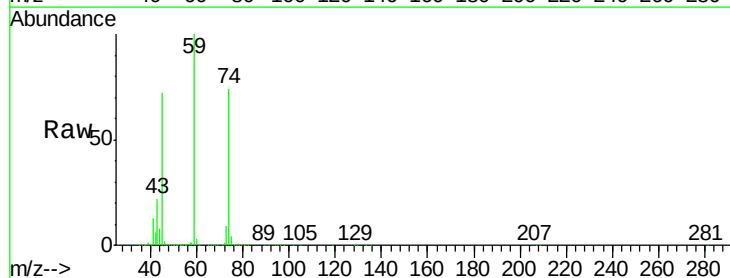
Tgt Ion:101 Resp: 477960
 Ion Ratio Lower Upper
 101 100
 103 63.5 49.6 74.4

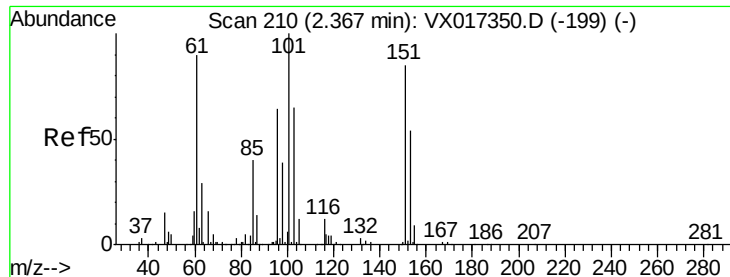


#8

Diethyl Ether
 Concen: 92.057 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017351.D
 Acq: 13 Jul 2020 11:46

Tgt Ion: 74 Resp: 160873
 Ion Ratio Lower Upper
 74 100
 45 94.7 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 92.349 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

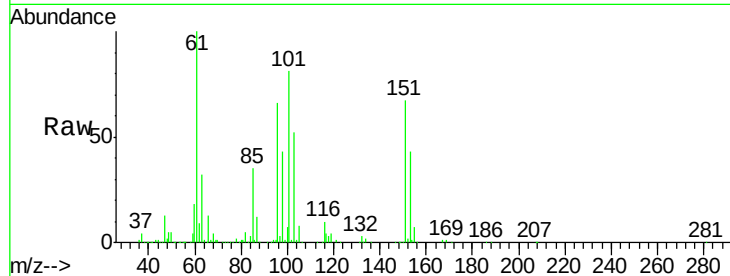
Tgt Ion:101 Resp: 263336

Ion Ratio Lower Upper

101 100

85 43.0 33.7 50.5

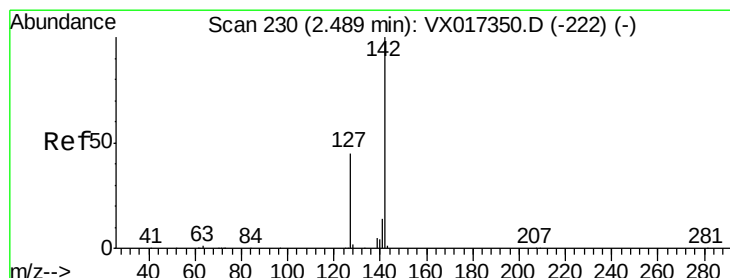
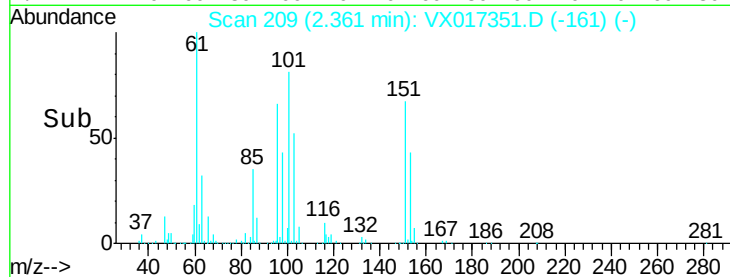
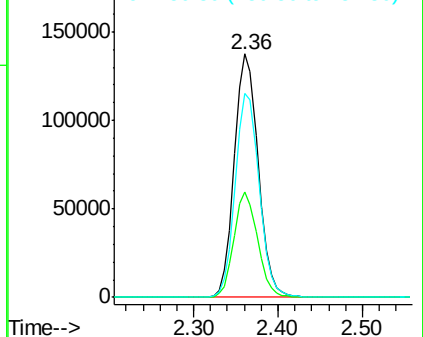
151 83.9 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 102.110 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

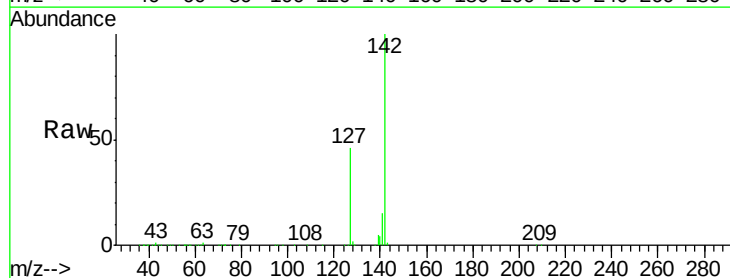
Tgt Ion:142 Resp: 371547

Ion Ratio Lower Upper

142 100

127 45.5 36.8 55.2

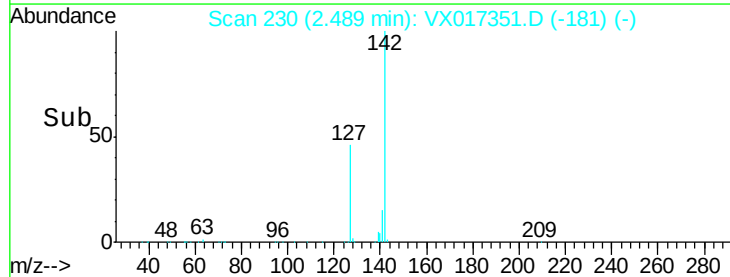
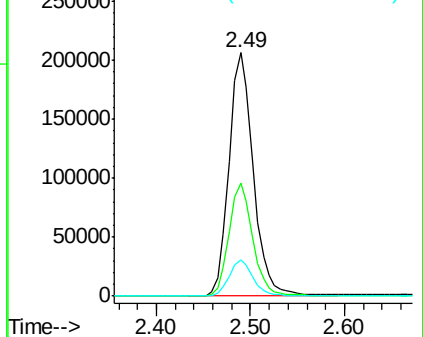
141 14.4 11.4 17.0

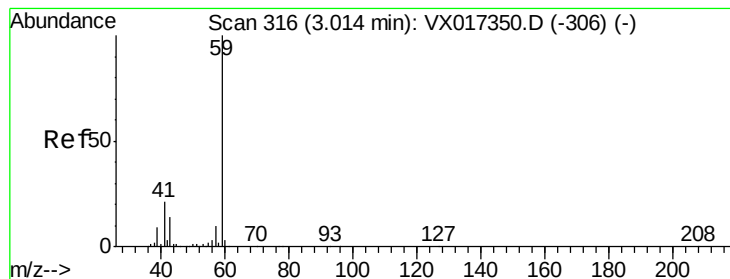


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



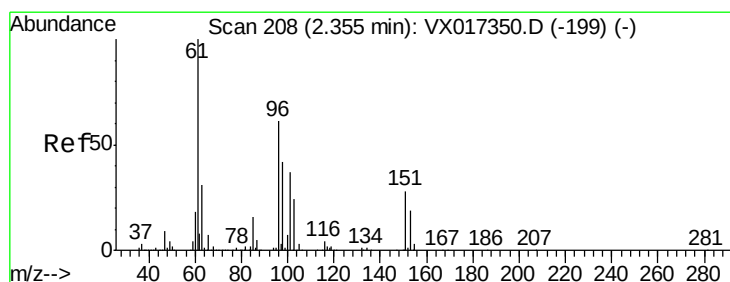
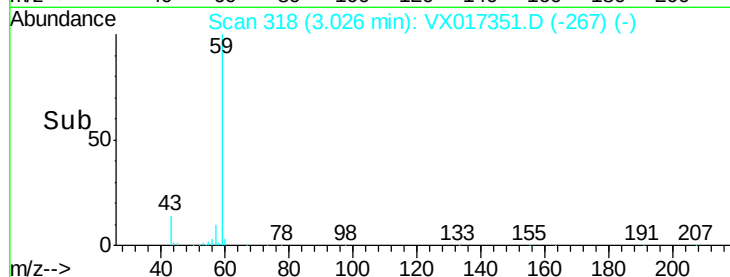
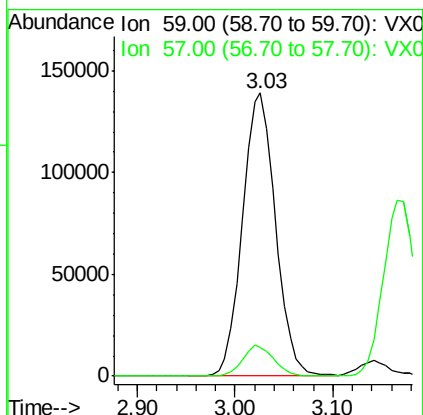
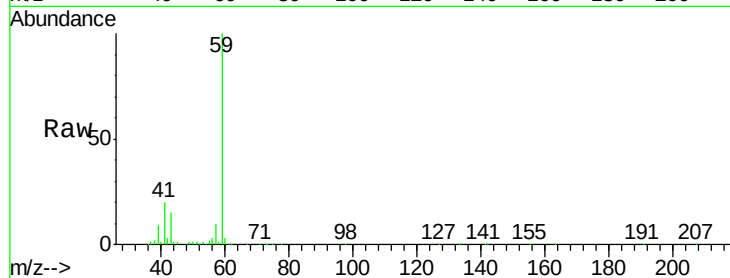


#11

Tert butyl alcohol
Concen: 472.316 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

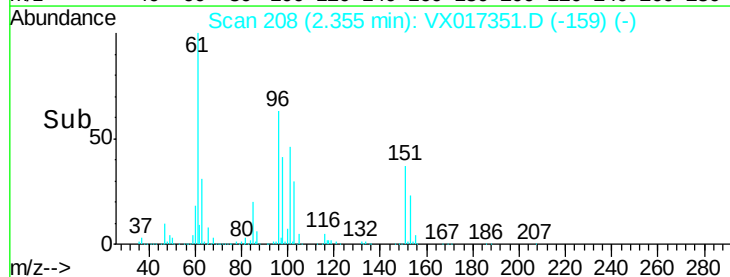
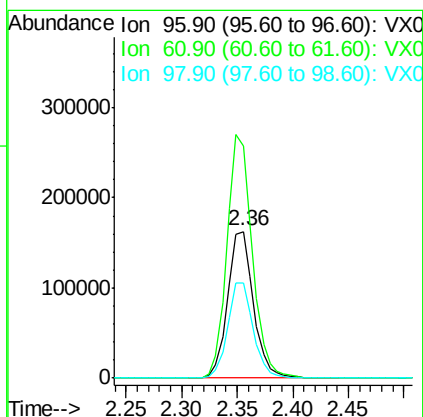
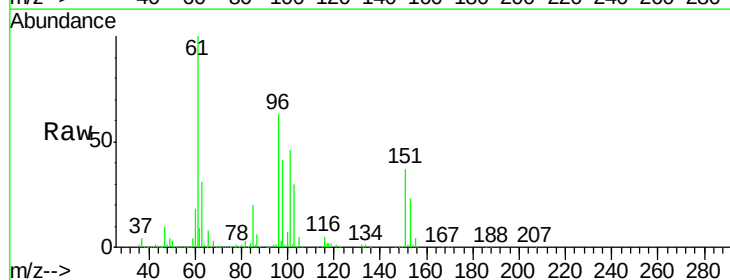
Tgt Ion: 59 Resp: 32552
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

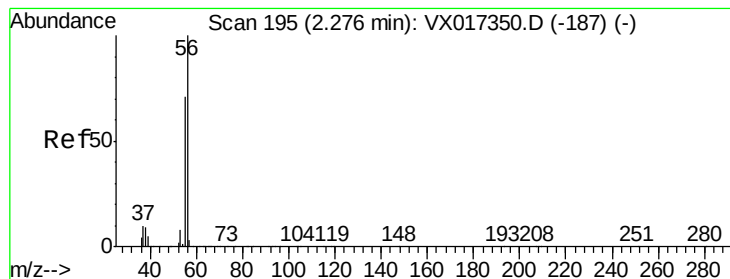


#12

1,1-Dichloroethene
Concen: 89.290 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

Tgt Ion: 96 Resp: 259951
Ion Ratio Lower Upper
96 100
61 158.8 131.5 197.3
98 65.2 55.1 82.7





#13

Acrolein

Concen: 459.139 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

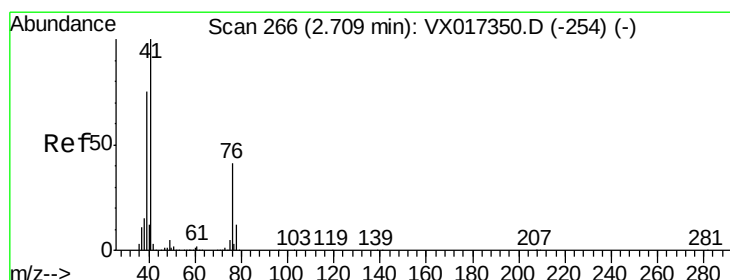
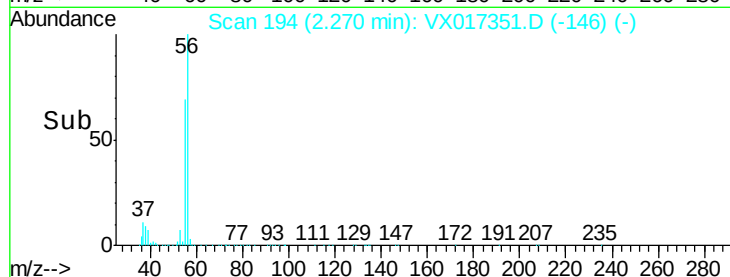
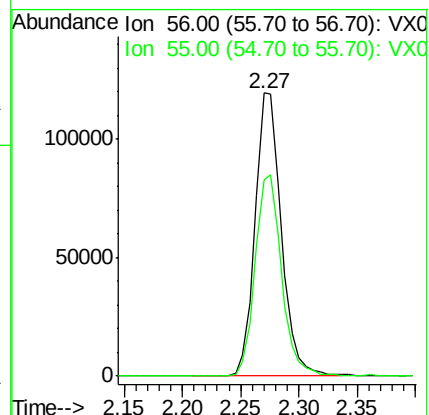
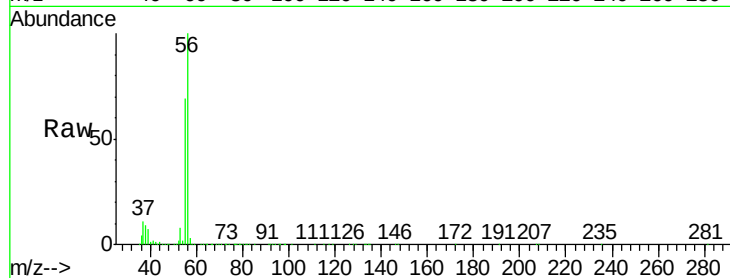
VSTDIC100

Tgt Ion: 56 Resp: 187815

Ion Ratio Lower Upper

56 100

55 72.0 57.1 85.7



#14

Allyl chloride

Concen: 87.144 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

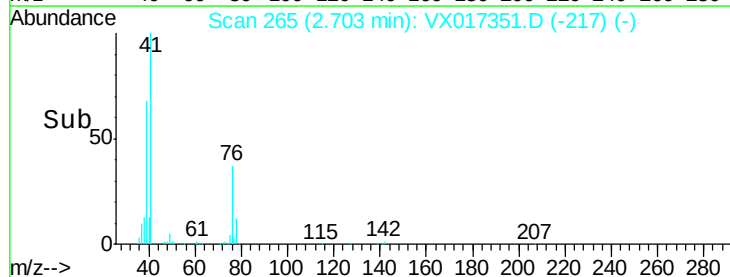
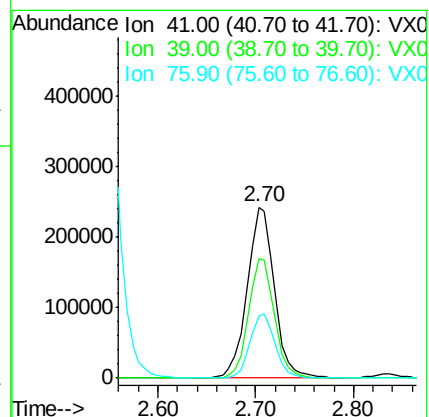
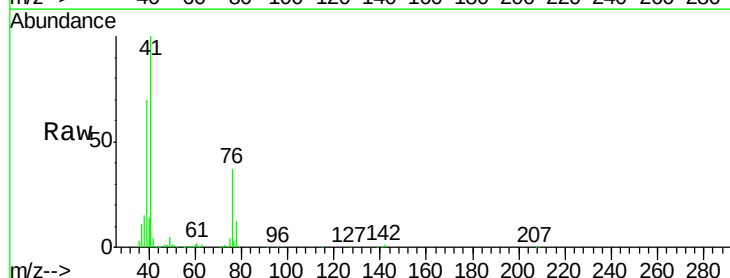
Tgt Ion: 41 Resp: 466342

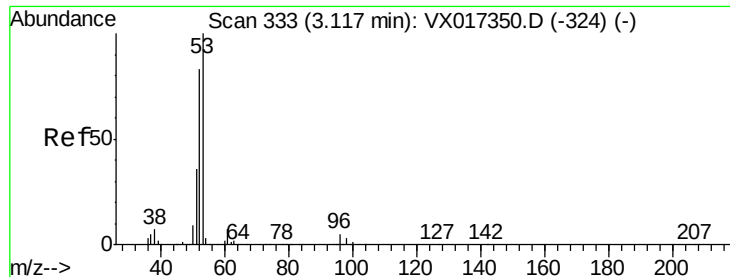
Ion Ratio Lower Upper

41 100

39 66.2 53.0 79.4

76 34.7 28.2 42.2





#15

Acrylonitrile

Concen: 462.766 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

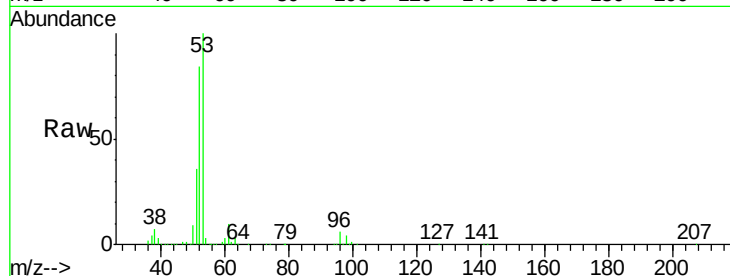
Tgt Ion: 53 Resp: 769983

Ion Ratio Lower Upper

53 100

52 82.9 65.8 98.6

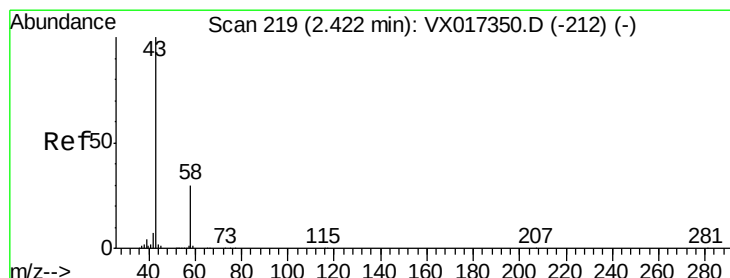
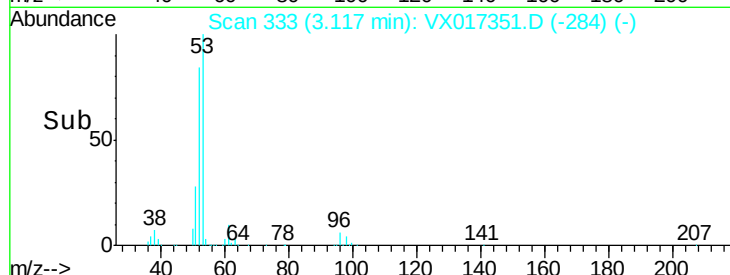
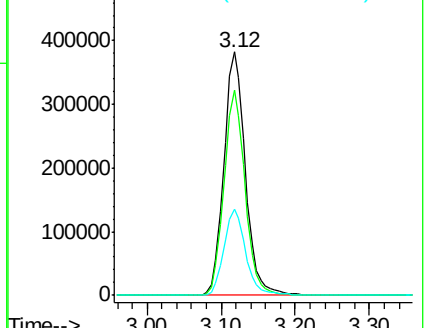
51 36.1 29.2 43.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 469.844 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017351.D

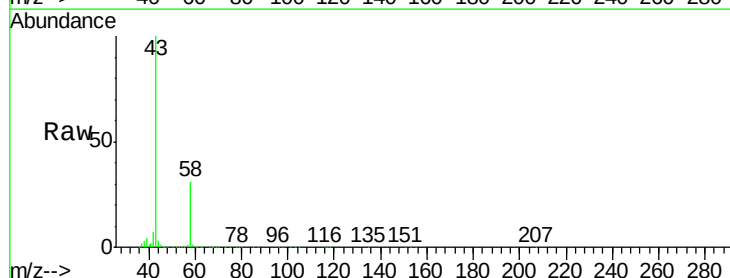
Acq: 13 Jul 2020 11:46

Tgt Ion: 43 Resp: 641183

Ion Ratio Lower Upper

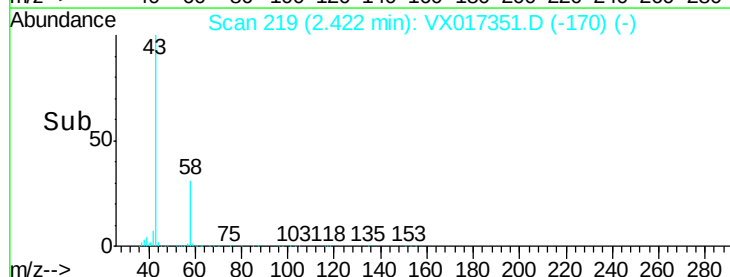
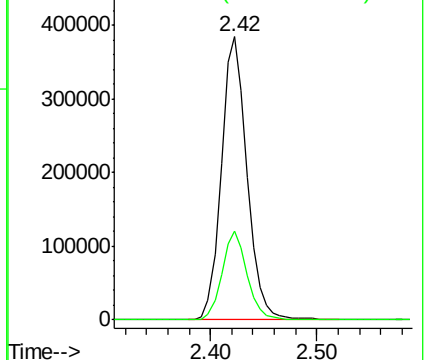
43 100

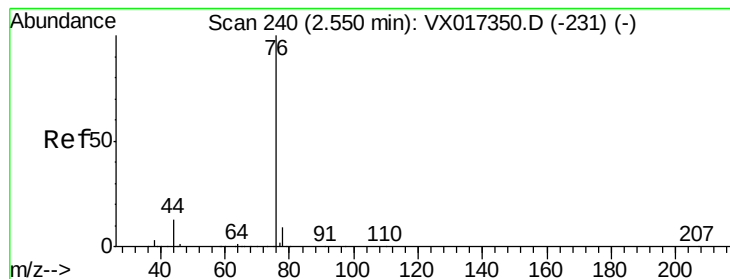
58 31.4 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 87.058 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

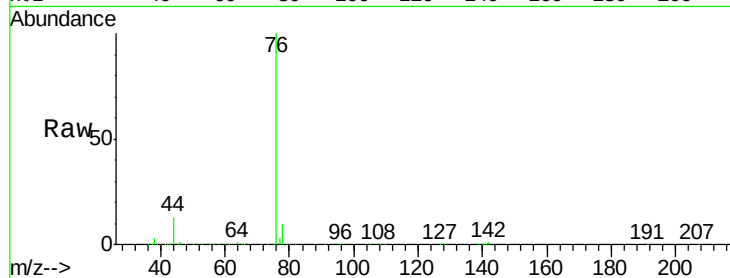
VSTDIC100

Tgt Ion: 76 Resp: 777639

Ion Ratio Lower Upper

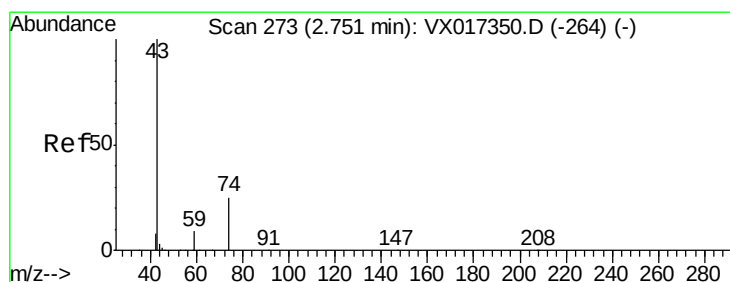
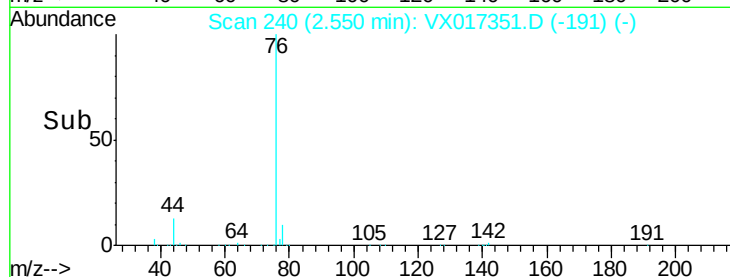
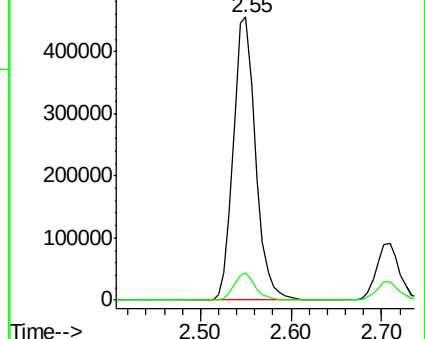
76 100

78 9.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 89.224 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017351.D

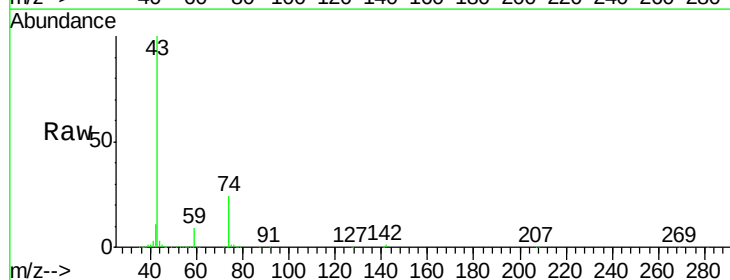
Acq: 13 Jul 2020 11:46

Tgt Ion: 43 Resp: 315127

Ion Ratio Lower Upper

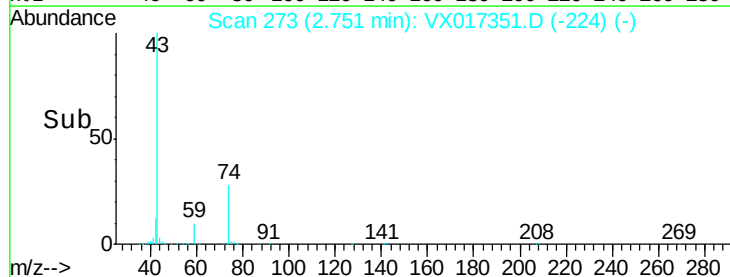
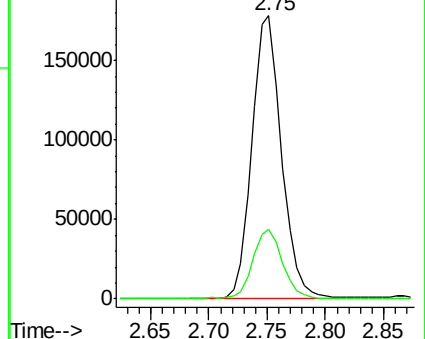
43 100

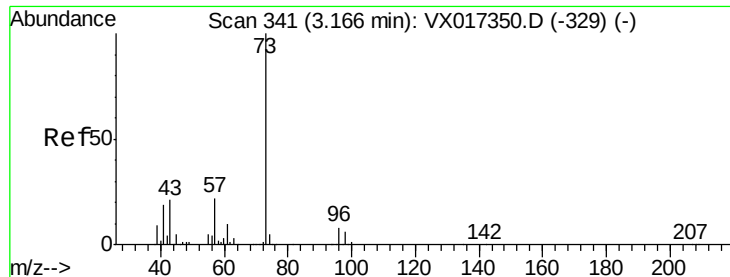
74 25.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



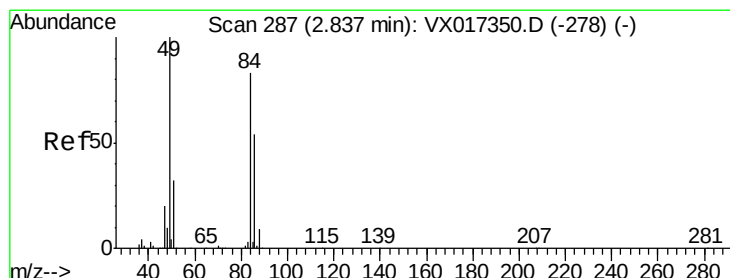
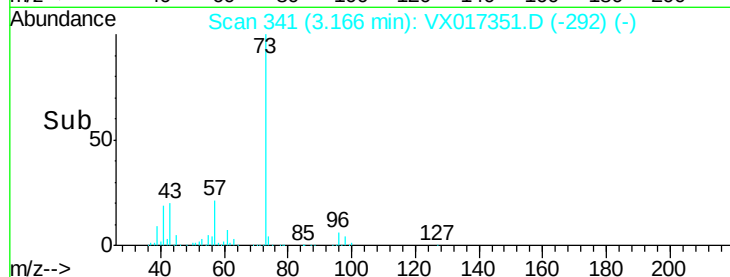
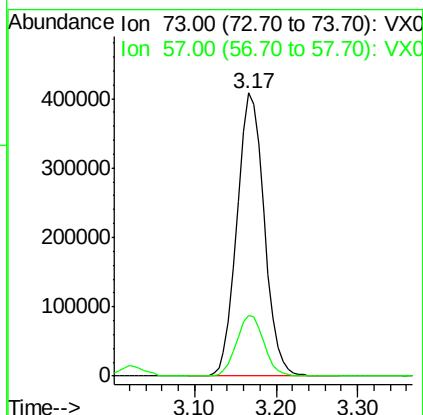
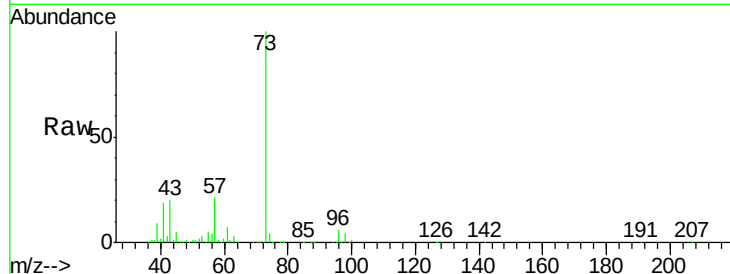


#19

Methyl tert-butyl Ether
 Concen: 95.941 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017351.D
 Acq: 13 Jul 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

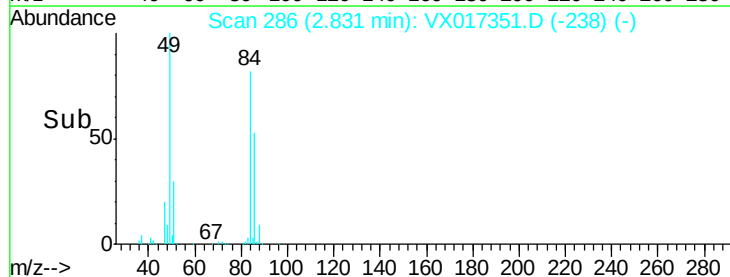
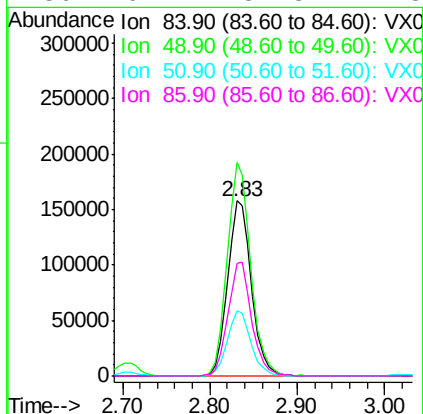
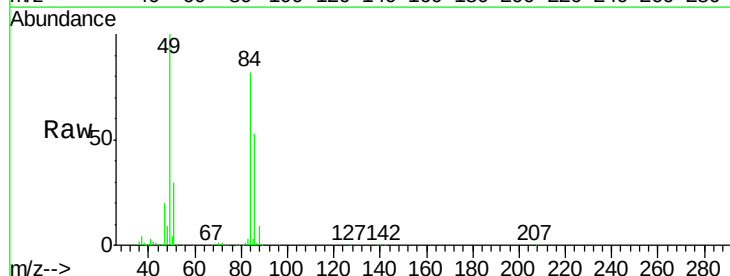
Tgt Ion: 73 Resp: 942011
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.5 26.3

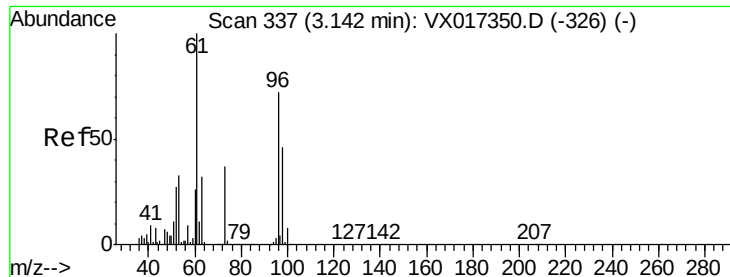


#20

Methylene Chloride
 Concen: 85.741 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017351.D
 Acq: 13 Jul 2020 11:46

Tgt Ion: 84 Resp: 297067
 Ion Ratio Lower Upper
 84 100
 49 121.8 95.8 143.8
 51 37.1 31.0 46.4
 86 64.2 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 92.908 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

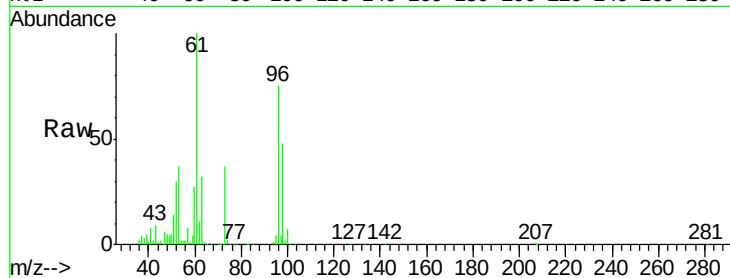
Tgt Ion: 96 Resp: 302045

Ion Ratio Lower Upper

96 100

61 133.1 111.1 166.7

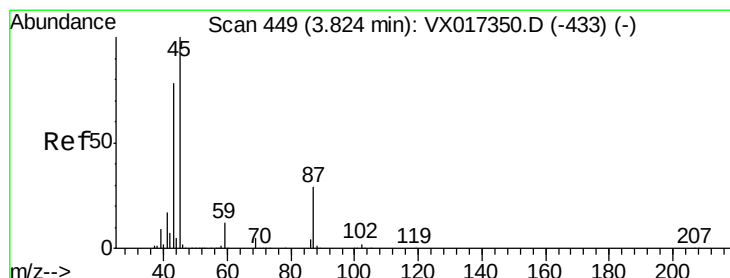
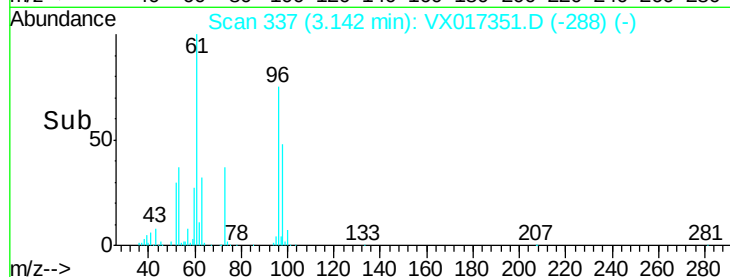
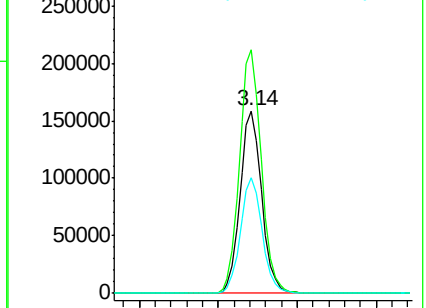
98 63.3 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 90.500 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Tgt Ion: 45 Resp: 895719

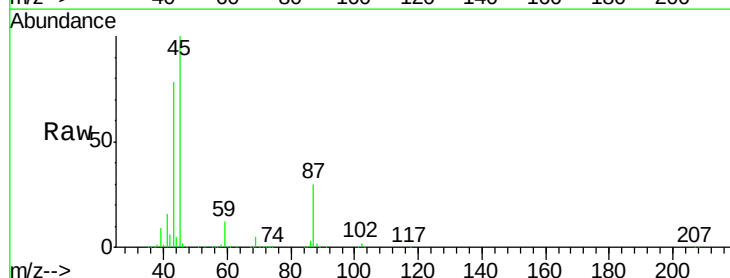
Ion Ratio Lower Upper

45 100

43 77.1 62.2 93.2

87 29.7 23.0 34.6

59 11.8 9.6 14.4

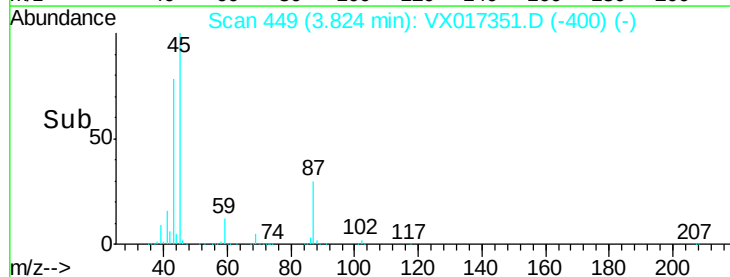
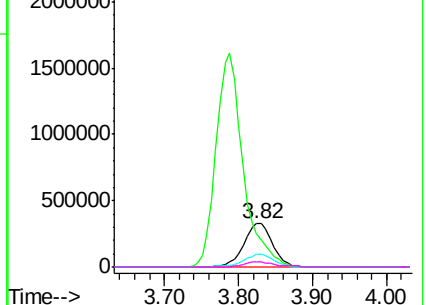


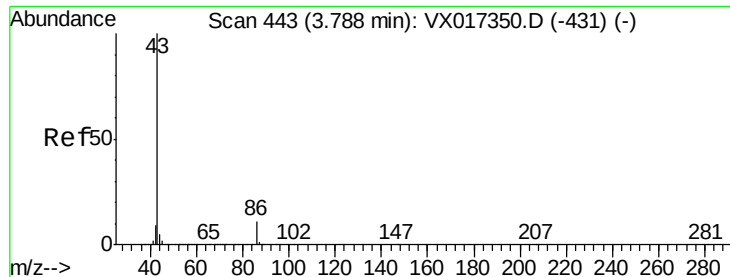
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 478.281 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

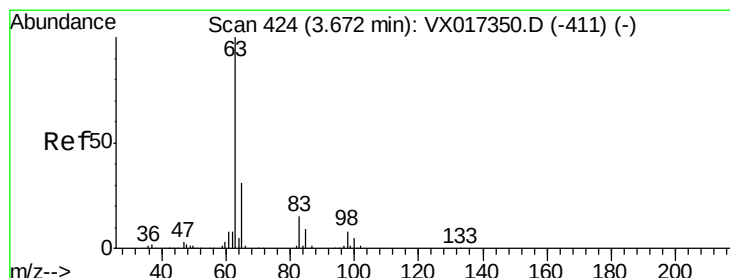
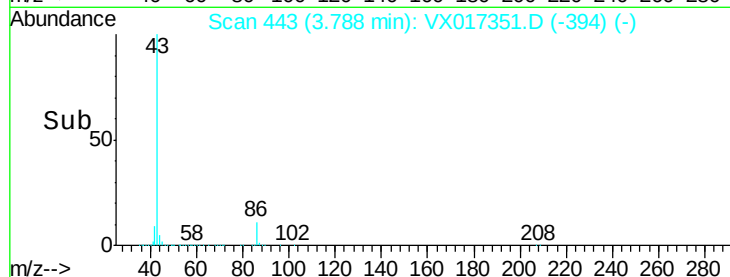
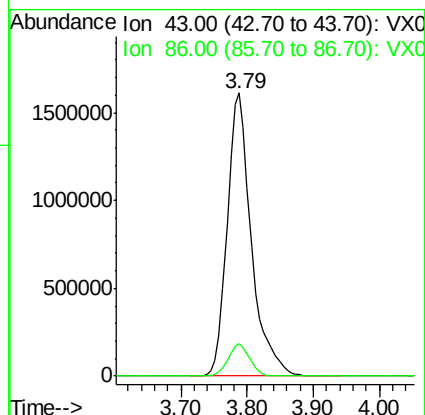
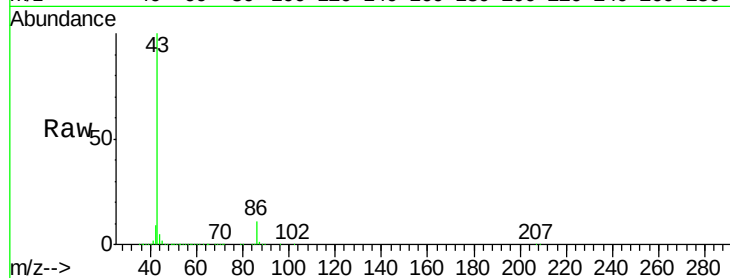
VSTDIC100

Tgt Ion: 43 Resp: 4083674

Ion Ratio Lower Upper

43 100

86 11.4 9.0 13.4



#24

1,1-Dichloroethane

Concen: 91.054 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

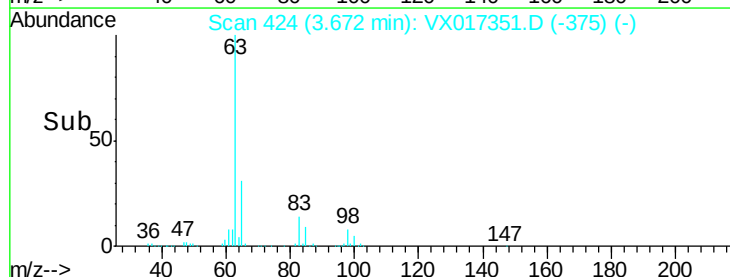
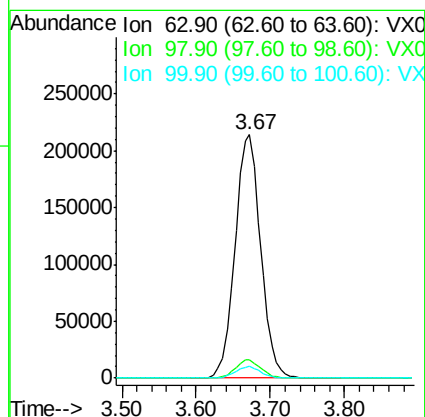
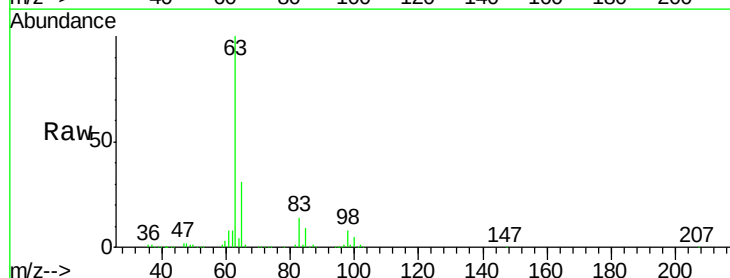
Tgt Ion: 63 Resp: 515053

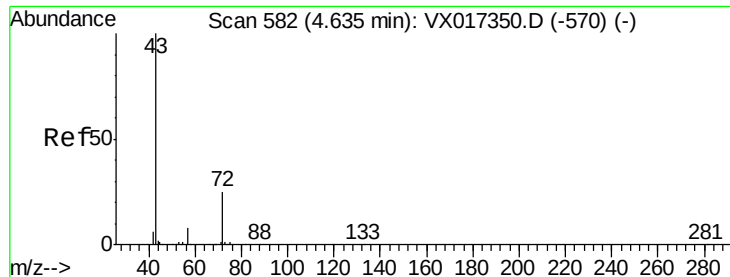
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.7 2.5 7.5

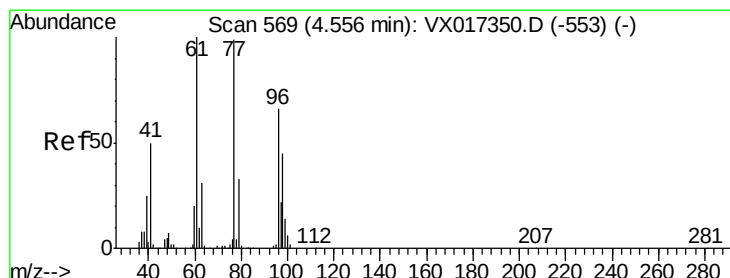
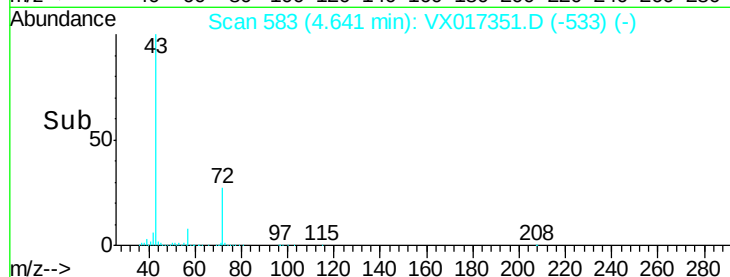
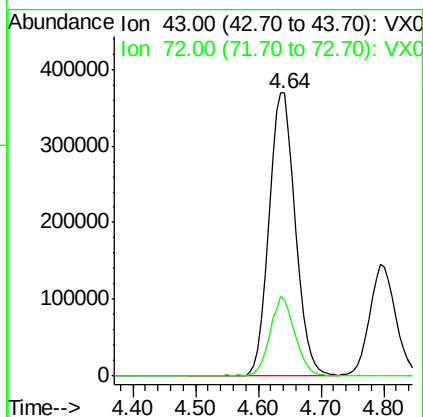
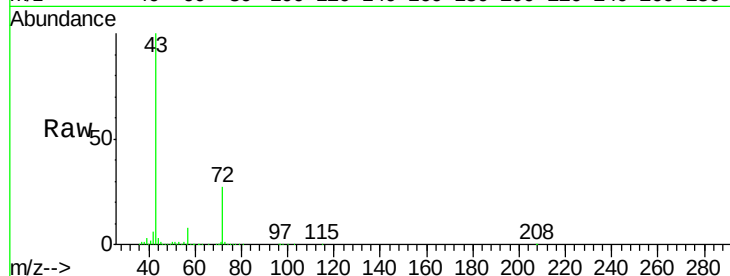




#25
2-Butanone
Concen: 473.407 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

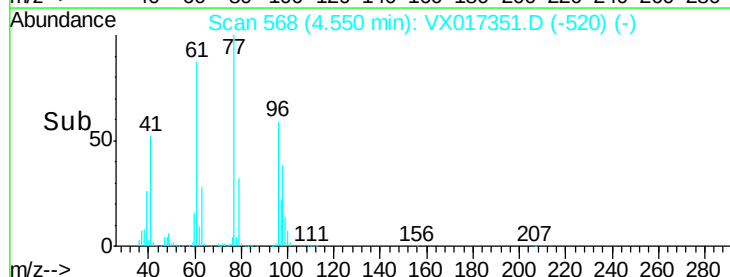
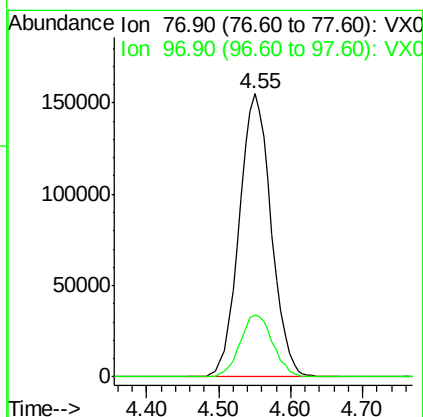
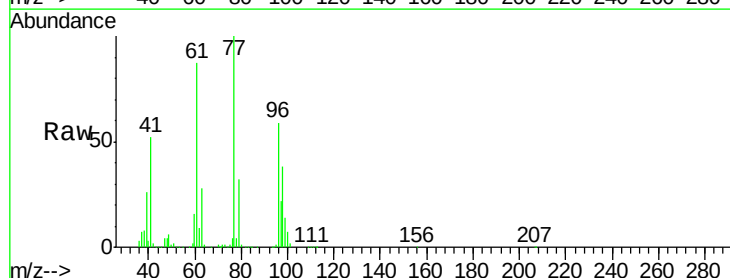
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

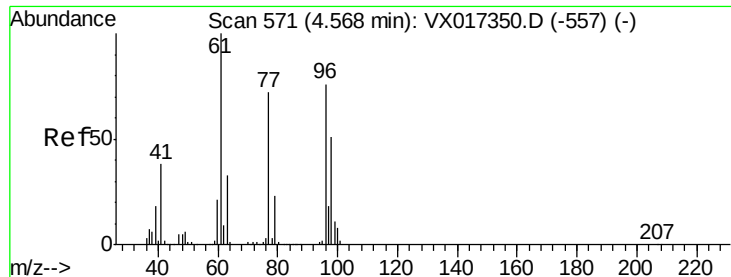
Tgt Ion: 43 Resp: 1068907
Ion Ratio Lower Upper
43 100
72 26.9 20.4 30.6



#26
2,2-Dichloropropane
Concen: 93.945 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.01 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

Tgt Ion: 77 Resp: 477128
Ion Ratio Lower Upper
77 100
97 22.5 11.1 33.3



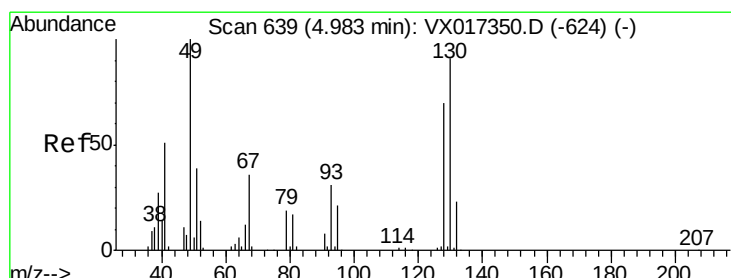
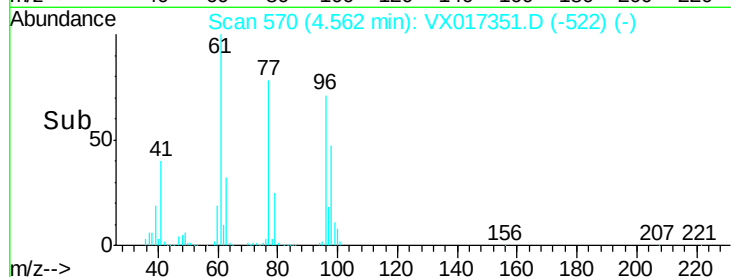
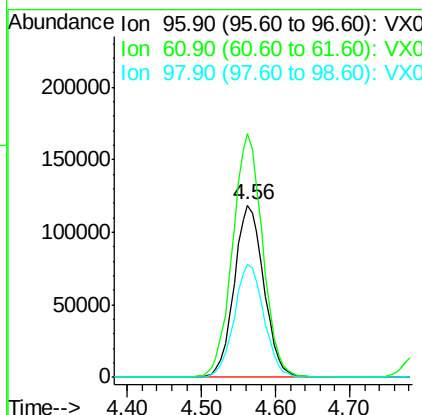
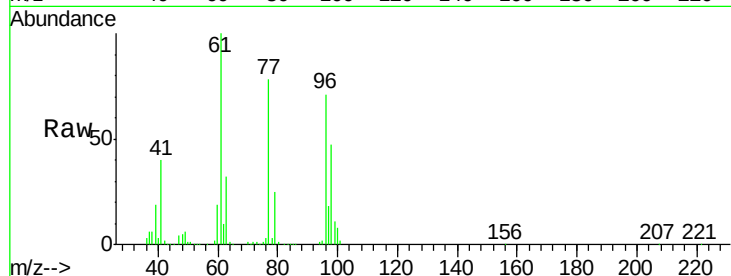


#27

cis-1,2-Dichloroethene
Concen: 90.692 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

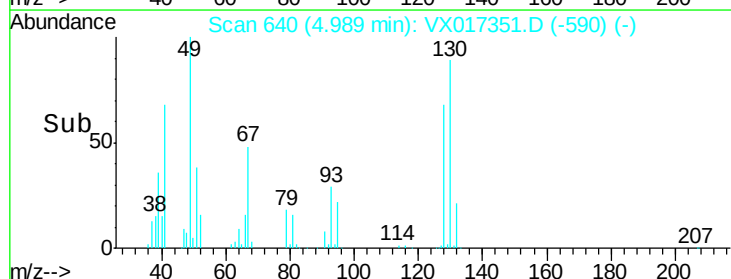
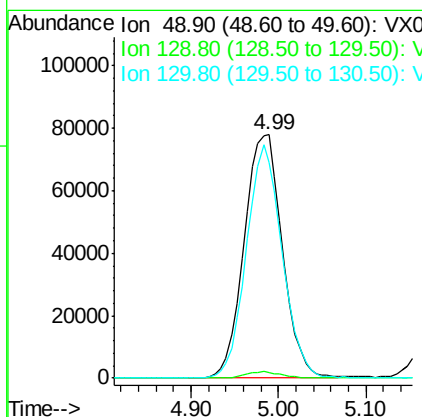
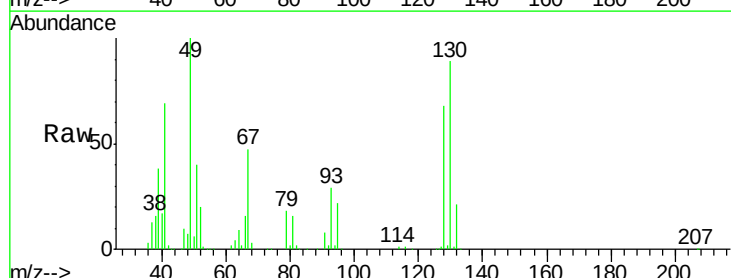
Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.4	0.0	281.2
98	65.7	0.0	131.4

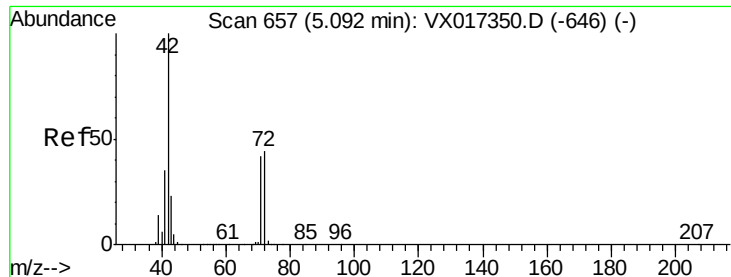


#28

Bromochloromethane
Concen: 86.581 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	89.5	71.1	106.7

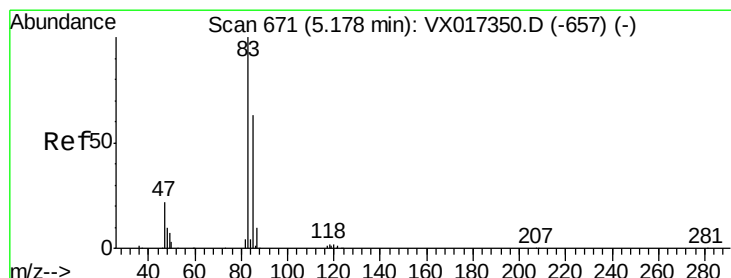
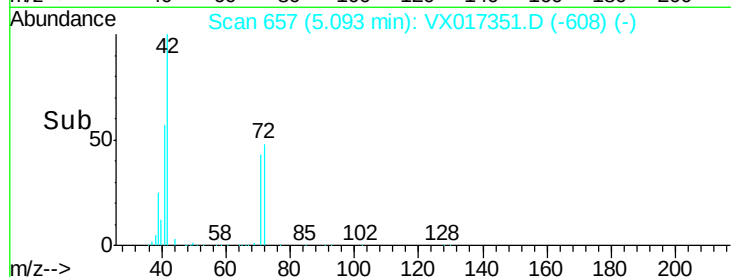
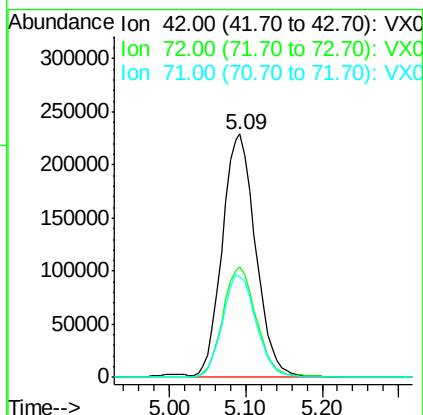
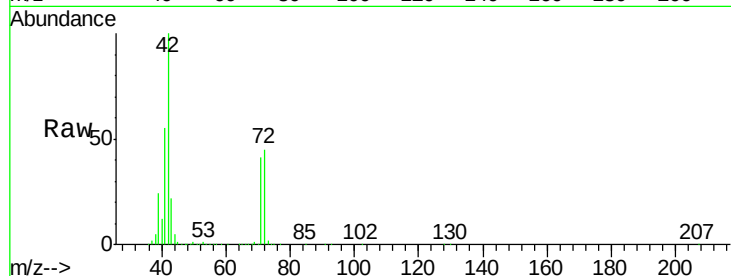




#29
Tetrahydrofuran
Concen: 464.338 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

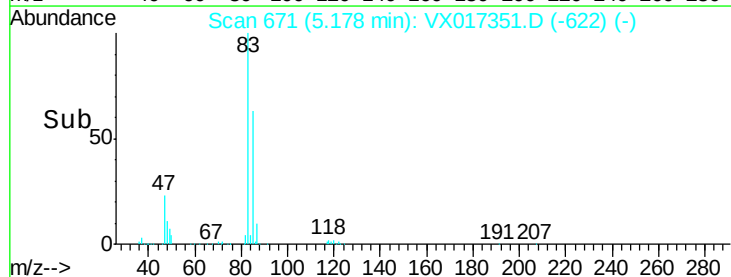
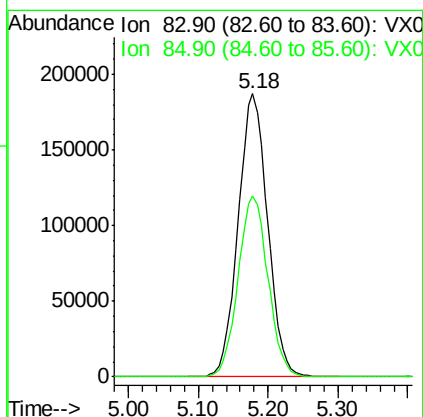
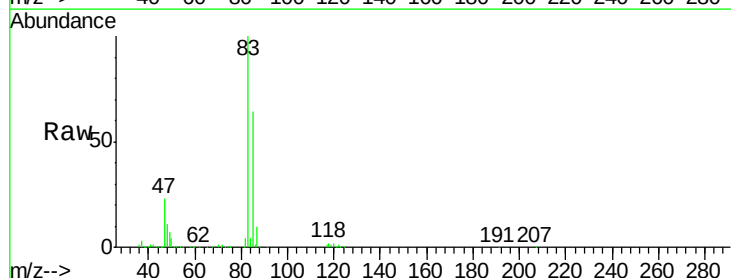
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

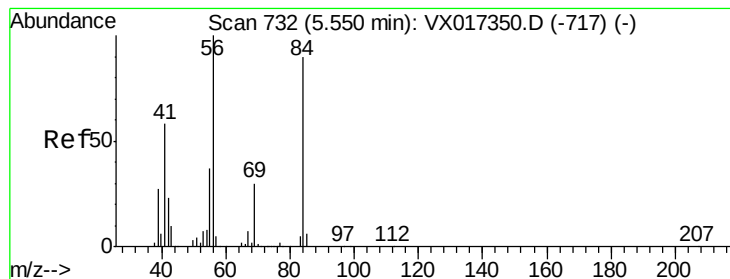
Tgt Ion: 42 Resp: 689699
Ion Ratio Lower Upper
42 100
72 46.1 37.2 55.8
71 42.5 34.4 51.6



#30
Chloroform
Concen: 93.653 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

Tgt Ion: 83 Resp: 547623
Ion Ratio Lower Upper
83 100
85 63.8 50.2 75.4





#31

Cyclohexane

Concen: 92.177 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

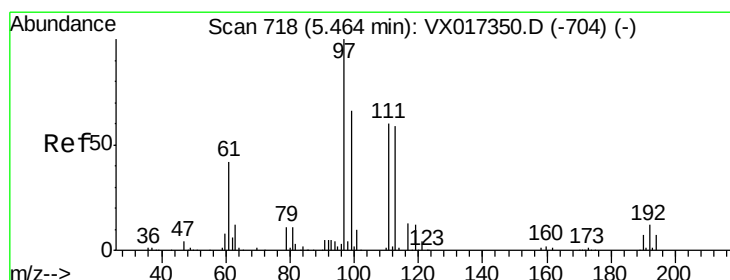
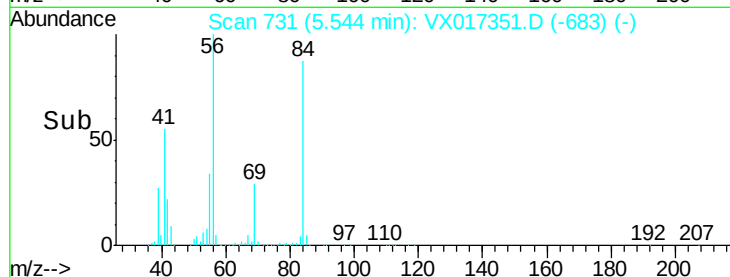
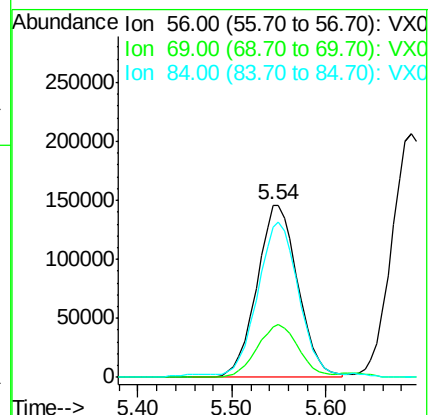
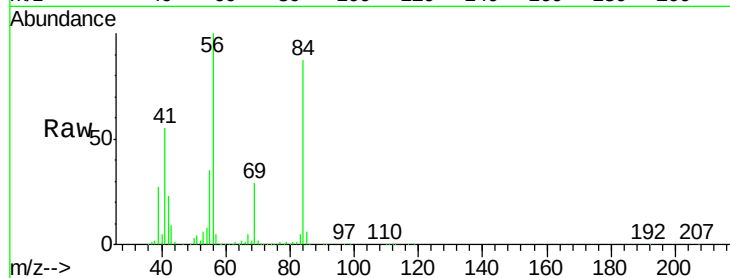
Tgt Ion: 56 Resp: 446098

Ion Ratio Lower Upper

56 100

69 29.1 23.7 35.5

84 85.5 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 95.817 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

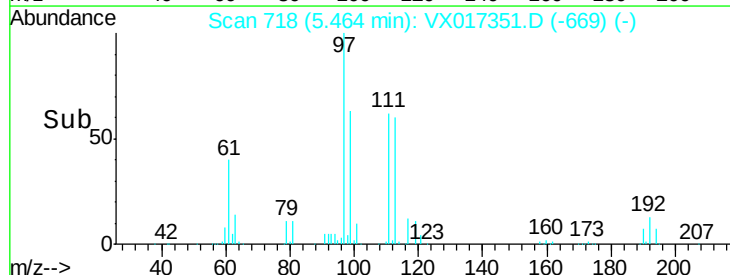
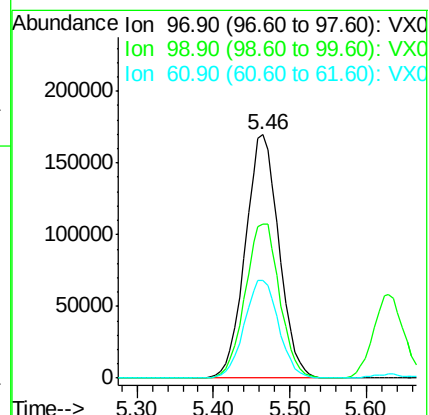
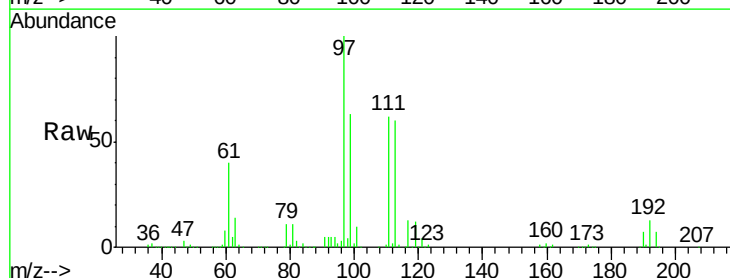
Tgt Ion: 97 Resp: 518337

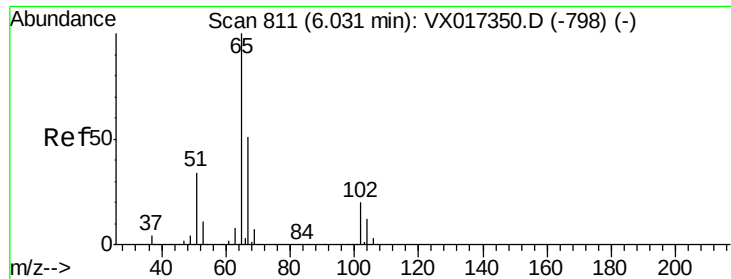
Ion Ratio Lower Upper

97 100

99 65.0 51.2 76.8

61 41.0 32.7 49.1

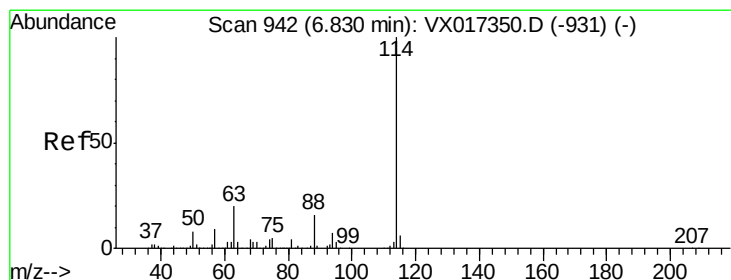
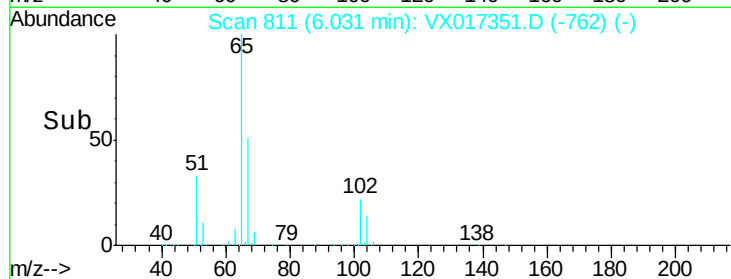
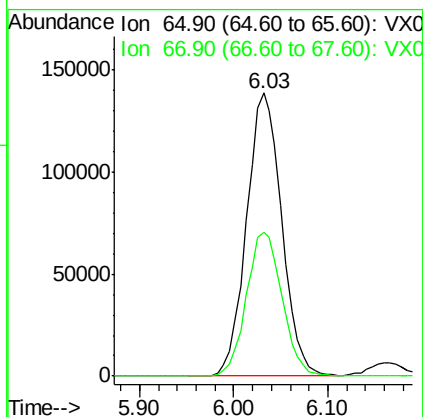
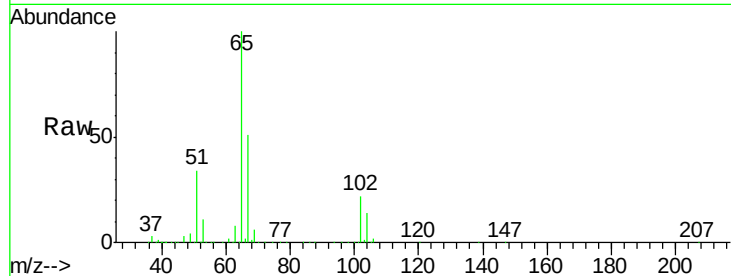




#33
 1,2-Dichloroethane-d4
 Concen: 98.018 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017351.D
 Acq: 13 Jul 2020 11:46

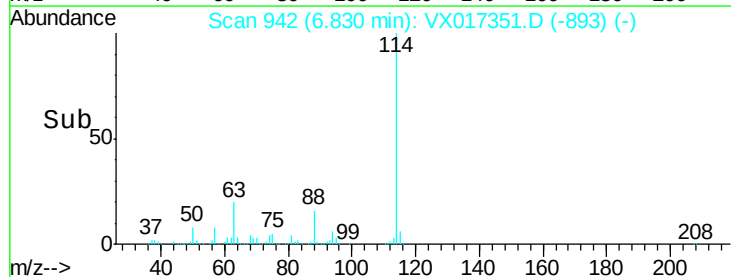
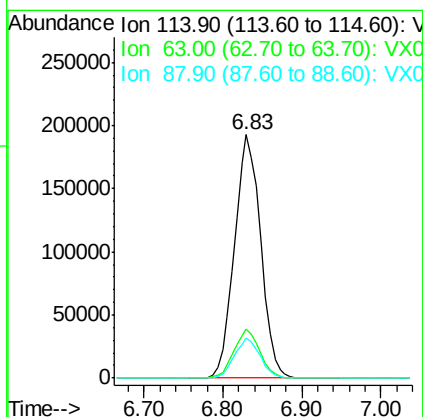
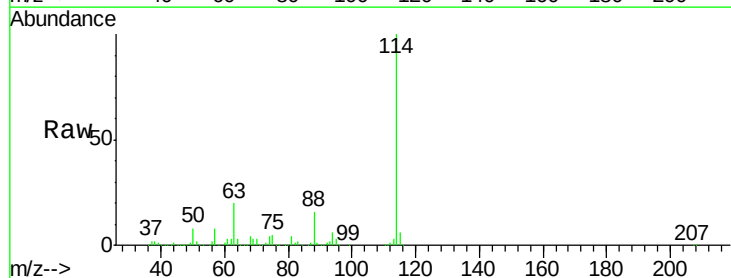
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

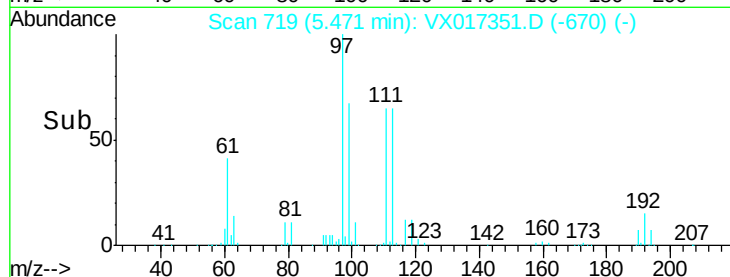
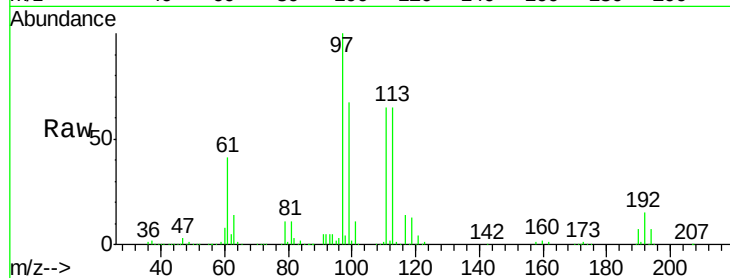
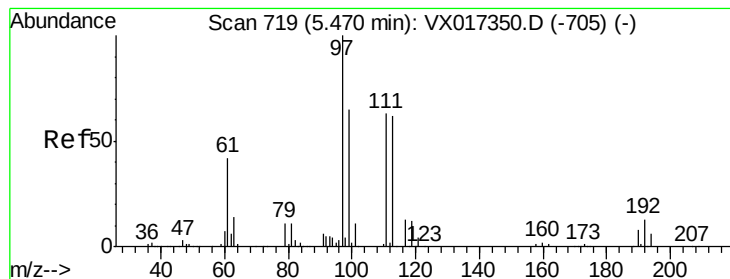
Tgt Ion: 65 Resp: 363550
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017351.D
 Acq: 13 Jul 2020 11:46

Tgt Ion: 114 Resp: 445630
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 103.223 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

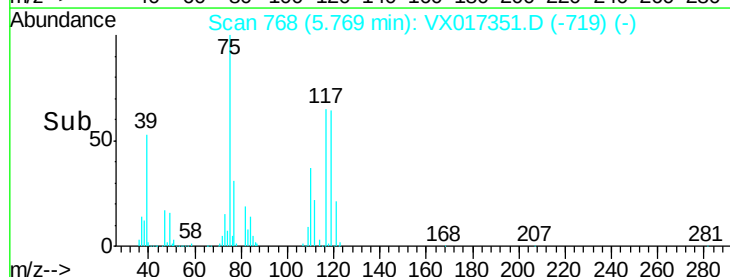
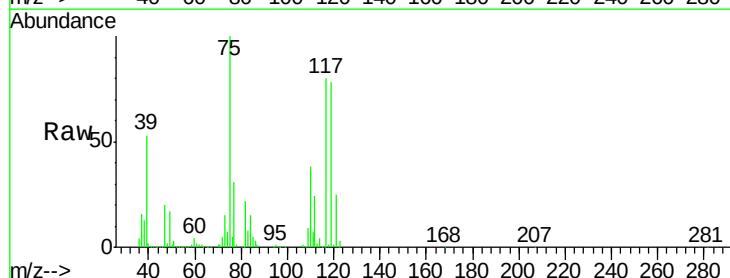
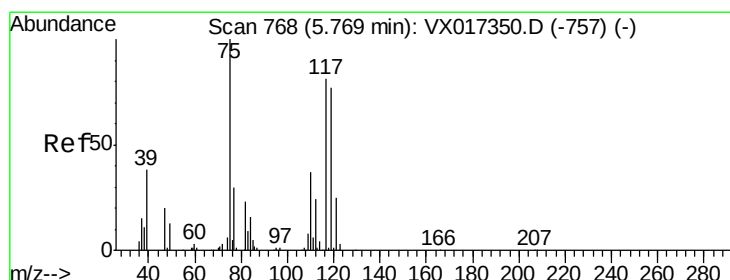
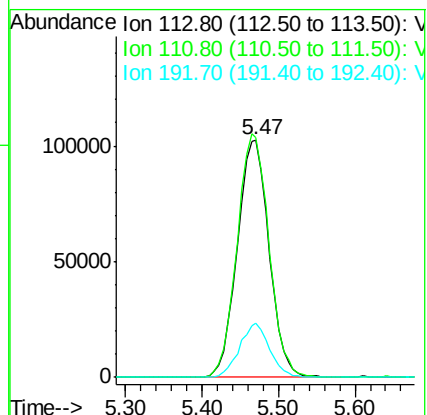
Tgt Ion:113 Resp: 295500

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

192 21.6 17.2 25.8



#36

1,1-Dichloropropene

Concen: 97.277 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

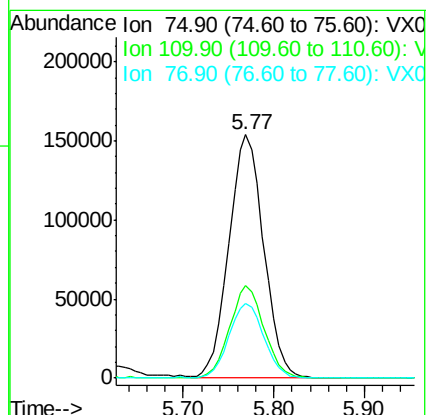
Tgt Ion: 75 Resp: 409866

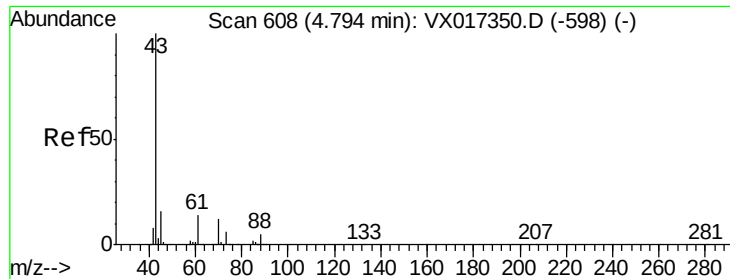
Ion Ratio Lower Upper

75 100

110 37.5 18.6 55.8

77 31.0 24.9 37.3

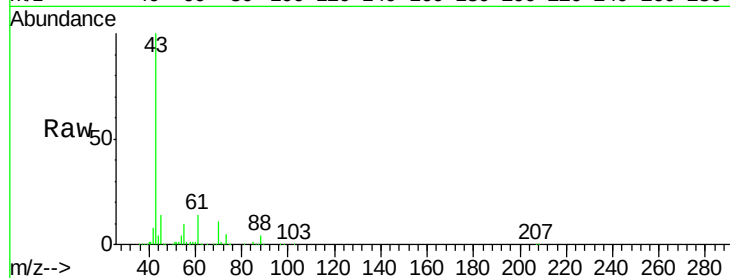




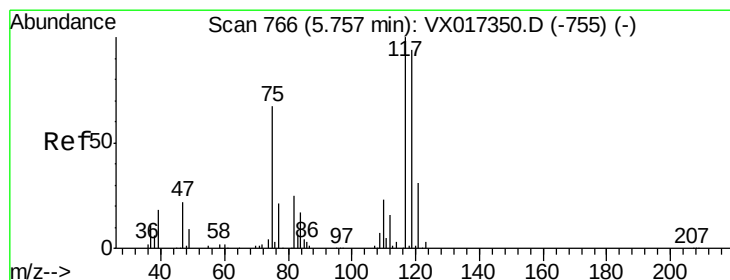
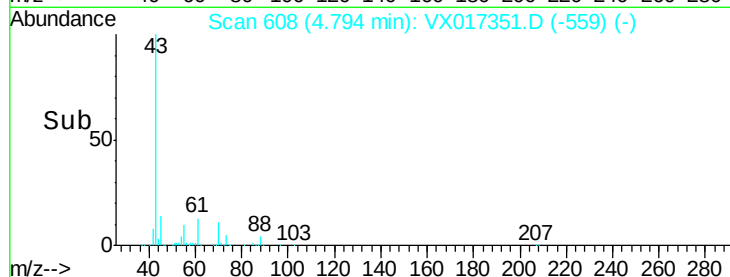
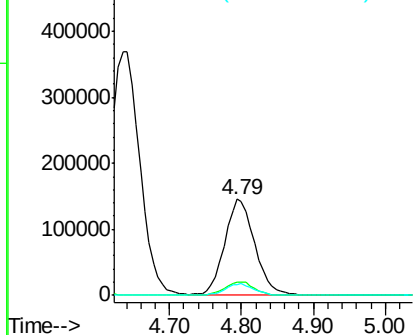
#37
 Ethyl Acetate
 Concen: 99.258 ug/l
 RT: 4.79 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VX017351.D
 Acq: 13 Jul 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 421915
 Ion Ratio Lower Upper
 43 100
 61 13.7 10.7 16.1
 70 11.6 9.0 13.6

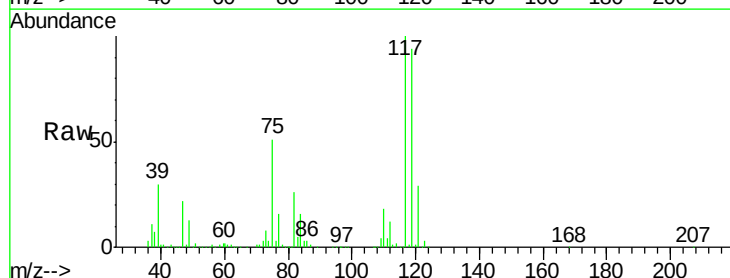


Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 70.00 (69.70 to 70.70): VX0

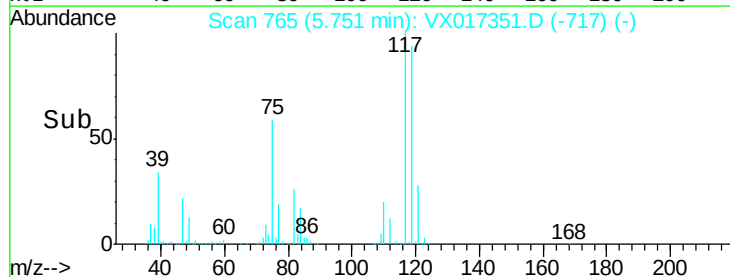
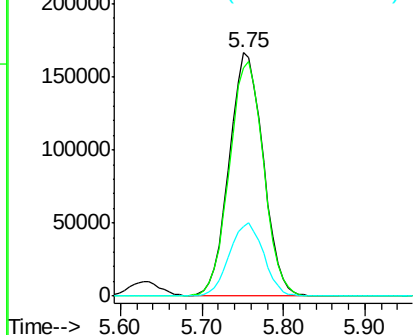


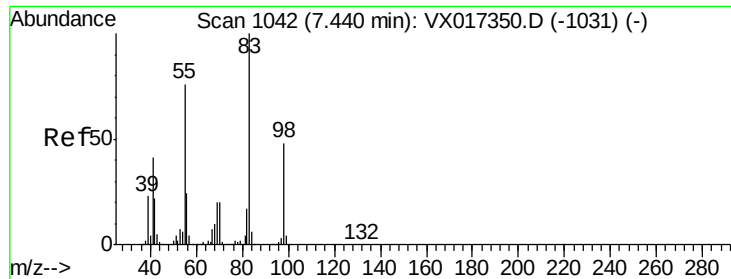
#38
 Carbon Tetrachloride
 Concen: 102.505 ug/l
 RT: 5.75 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: VX017351.D
 Acq: 13 Jul 2020 11:46

Tgt Ion: 117 Resp: 480572
 Ion Ratio Lower Upper
 117 100
 119 93.6 74.7 112.1
 121 28.5 24.5 36.7



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

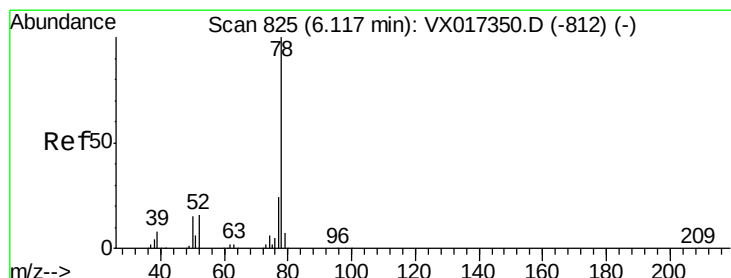
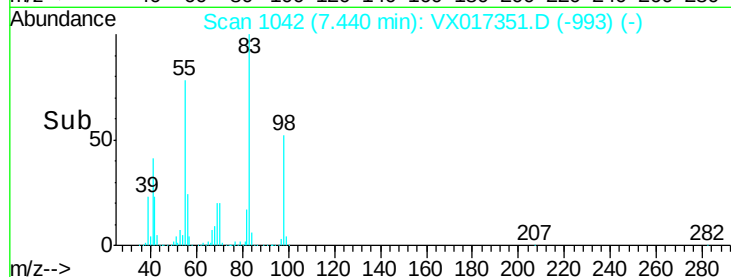
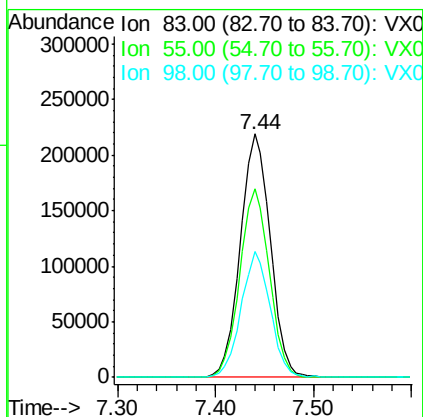
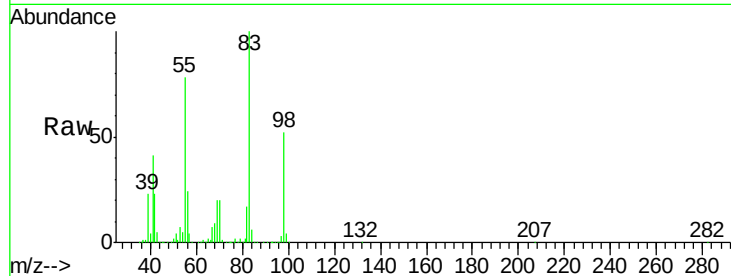




#39
Methylcyclohexane
Concen: 100.233 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

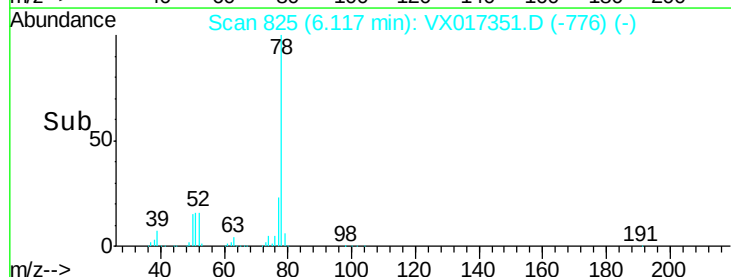
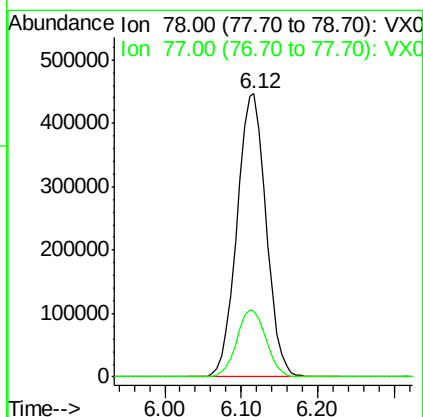
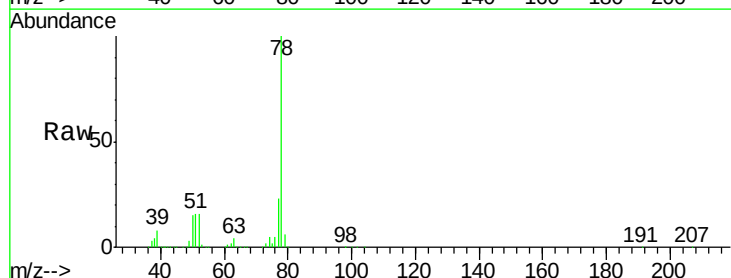
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

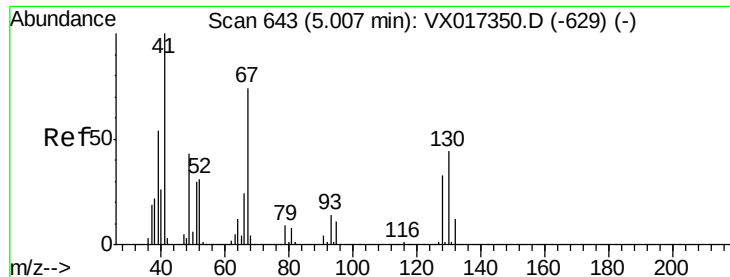
Tgt Ion: 83 Resp: 467629
Ion Ratio Lower Upper
83 100
55 77.6 61.2 91.8
98 51.9 38.1 57.1



#40
Benzene
Concen: 95.502 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

Tgt Ion: 78 Resp: 1178609
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3

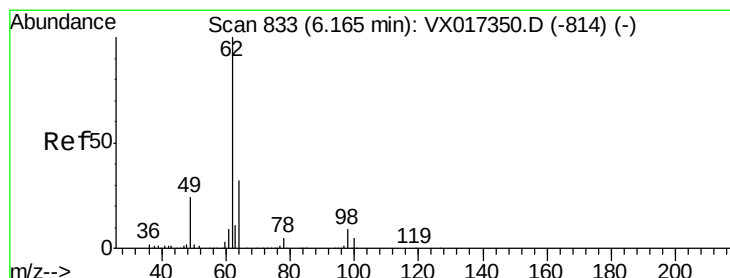
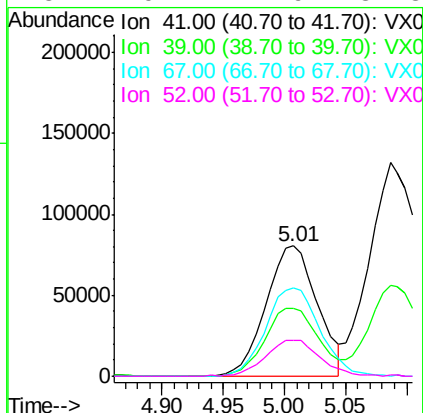
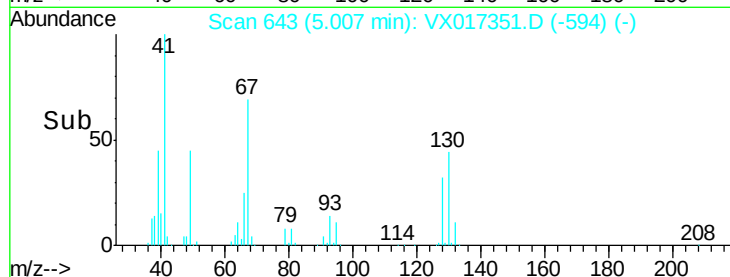
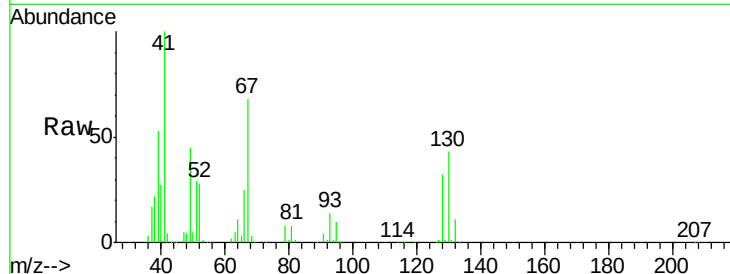




#41
Methacrylonitrile
Concen: 98.357 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

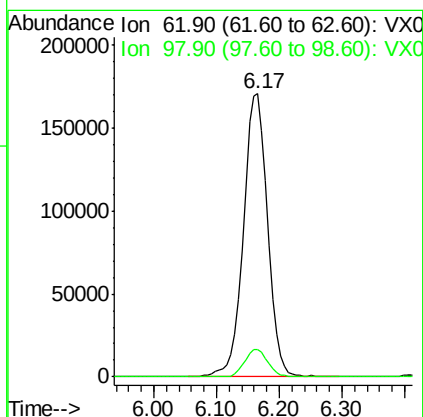
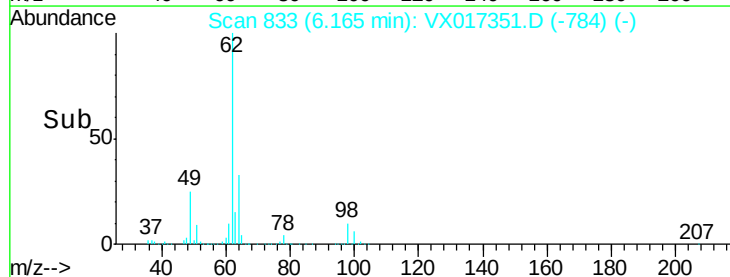
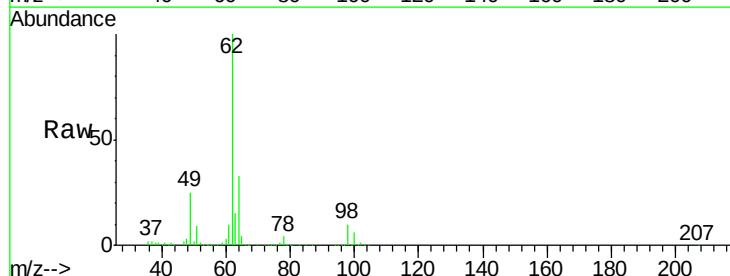
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

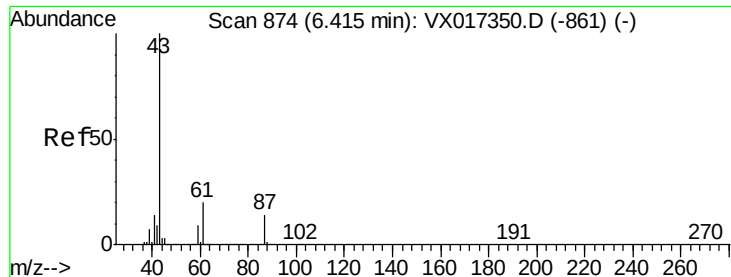
Tgt Ion:	41	Resp:	235352
Ion	Ratio	Lower	Upper
41	100		
39	54.2	43.8	65.8
67	71.6	58.7	88.1
52	29.4	24.9	37.3



#42
1,2-Dichloroethane
Concen: 100.591 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

Tgt Ion:	62	Resp:	453258
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.4





#43

Isopropyl Acetate

Concen: 99.649 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

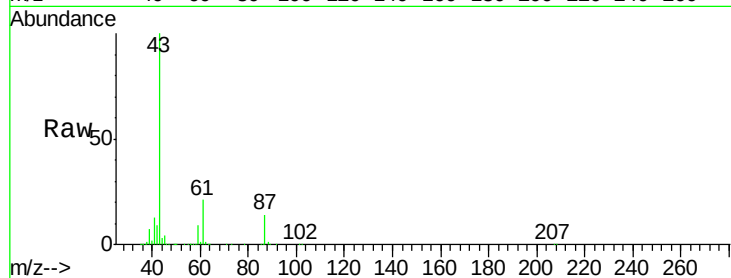
Tgt Ion: 43 Resp: 704869

Ion Ratio Lower Upper

43 100

61 20.6 16.4 24.6

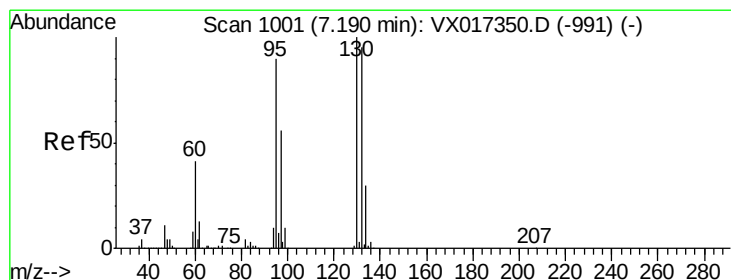
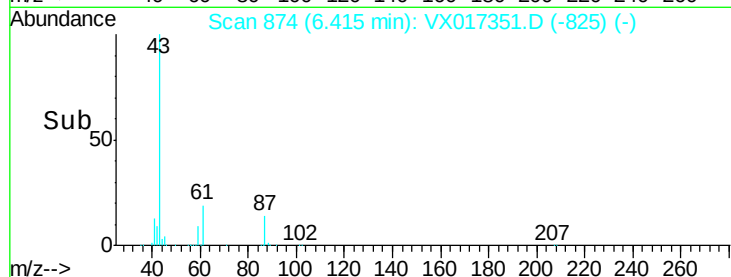
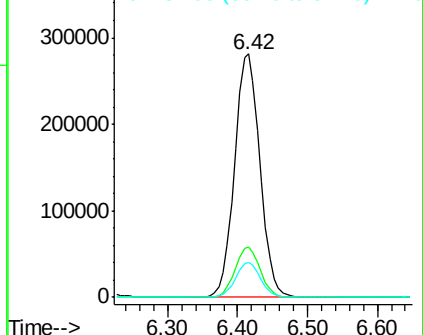
87 14.2 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 95.498 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017351.D

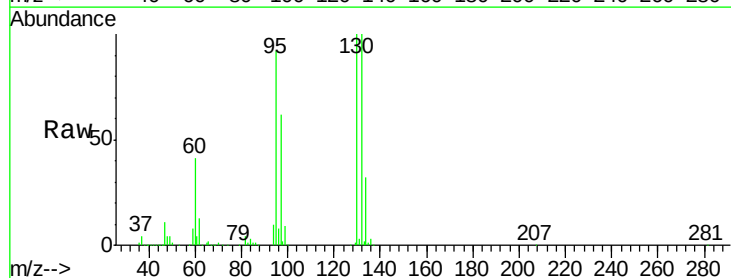
Acq: 13 Jul 2020 11:46

Tgt Ion: 130 Resp: 357552

Ion Ratio Lower Upper

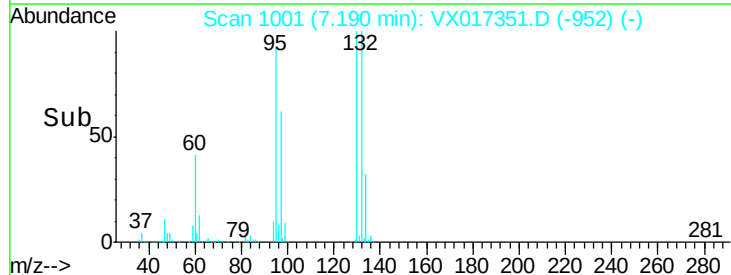
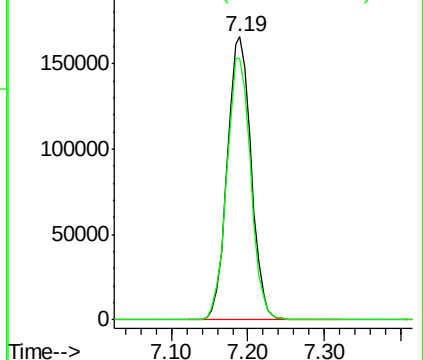
130 100

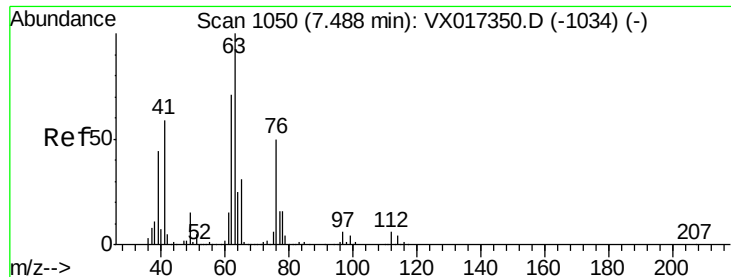
95 92.5 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 95.215 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

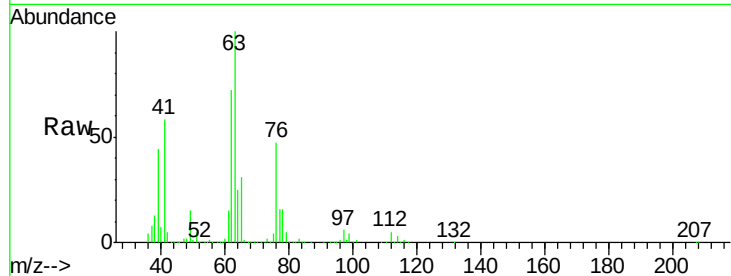
VSTDIC100

Tgt Ion: 63 Resp: 301622

Ion Ratio Lower Upper

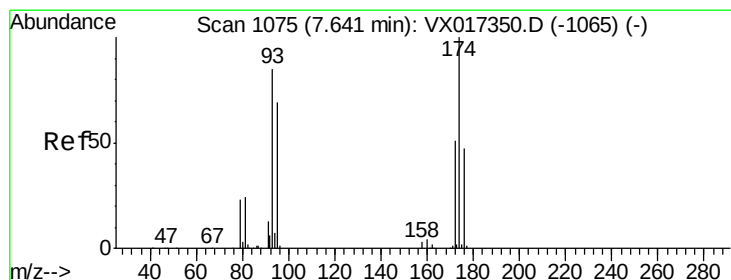
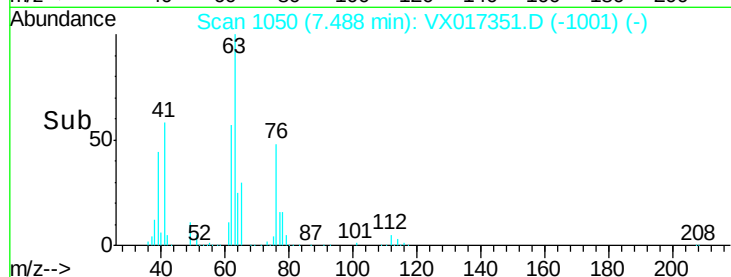
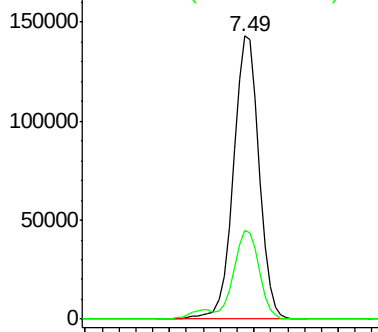
63 100

65 31.4 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 100.556 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

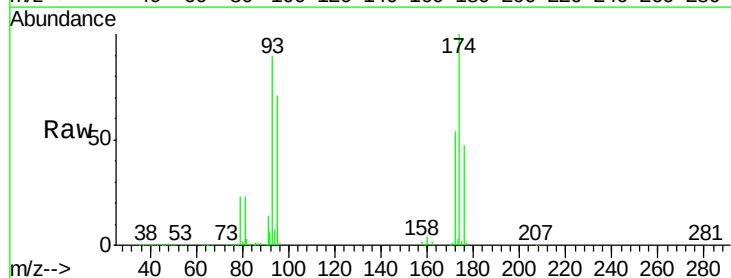
Tgt Ion: 93 Resp: 218925

Ion Ratio Lower Upper

93 100

95 82.4 65.4 98.2

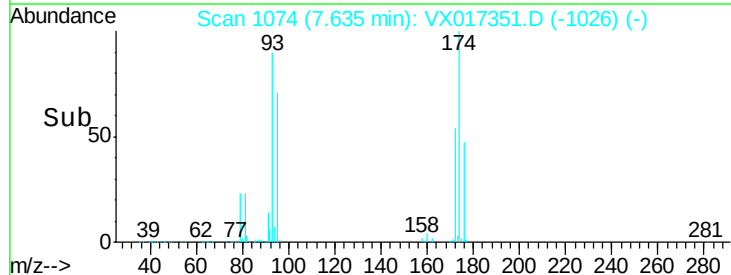
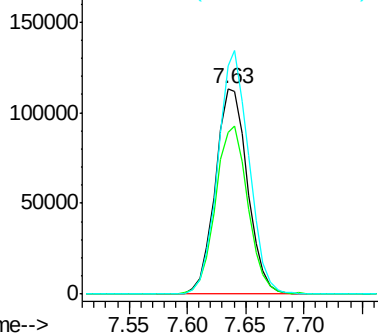
174 114.7 91.2 136.8

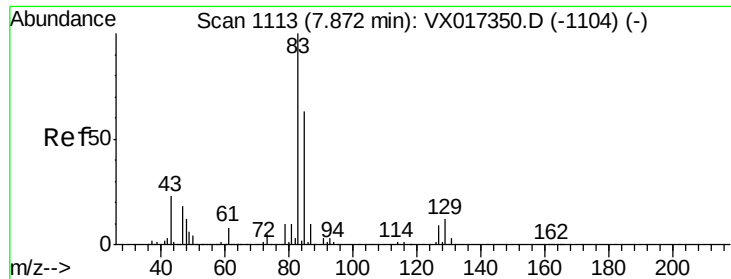


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 102.997 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

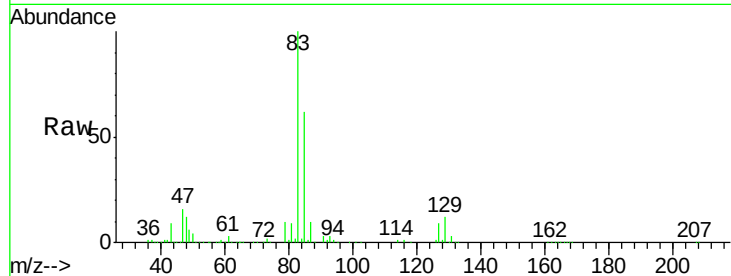
Tgt Ion: 83 Resp: 463184

Ion Ratio Lower Upper

83 100

85 62.1 50.2 75.4

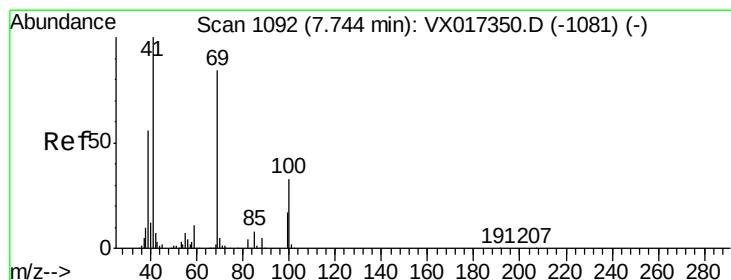
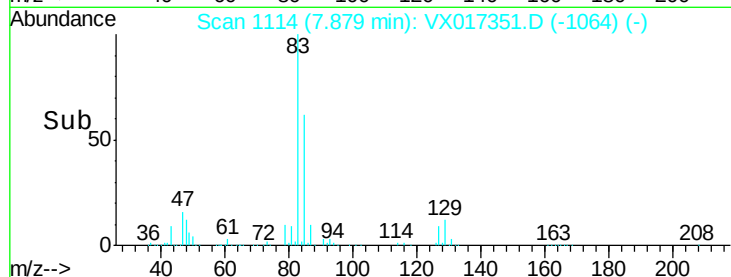
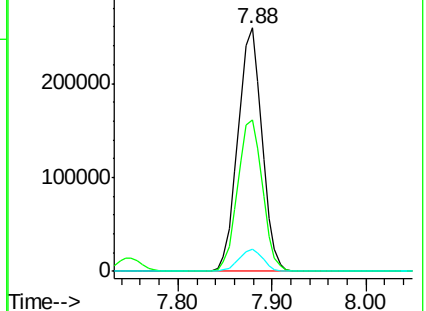
127 9.2 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 104.759 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

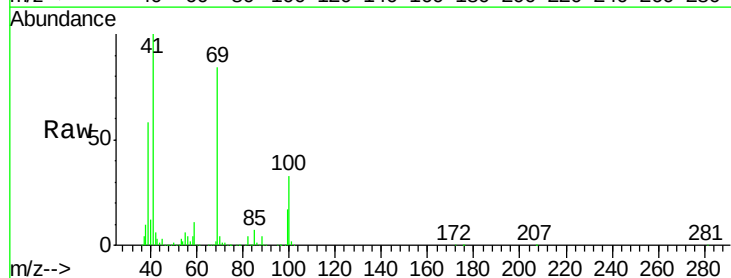
Tgt Ion: 41 Resp: 351702

Ion Ratio Lower Upper

41 100

69 84.9 67.8 101.6

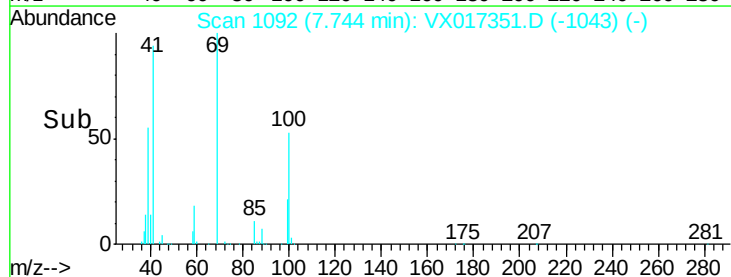
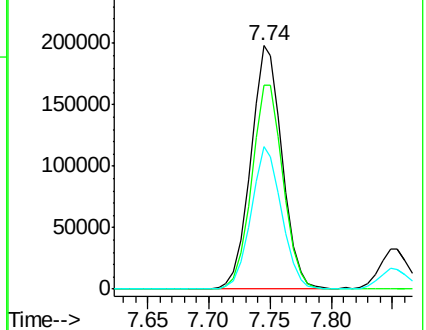
39 57.5 45.1 67.7

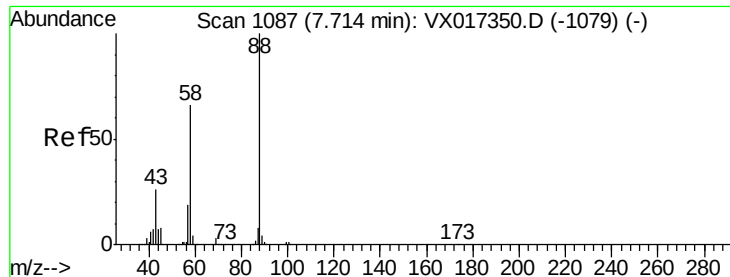


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1853.449 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

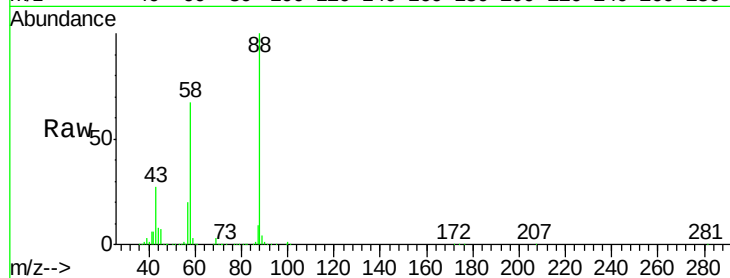
Tgt Ion: 88 Resp: 139686

Ion Ratio Lower Upper

88 100

43 32.5 25.6 38.4

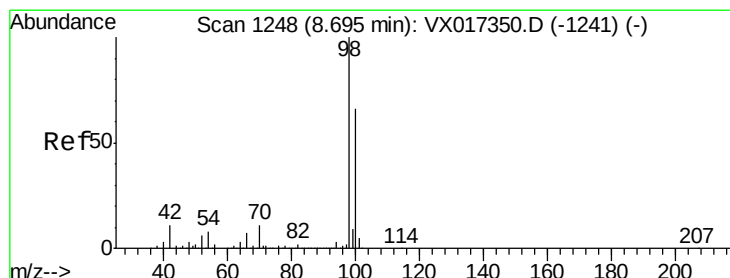
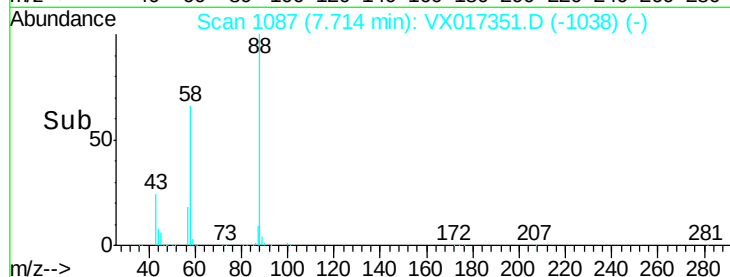
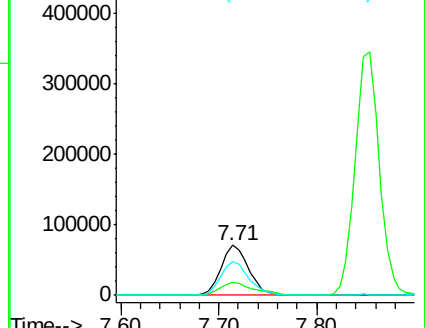
58 69.6 53.9 80.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 102.903 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017351.D

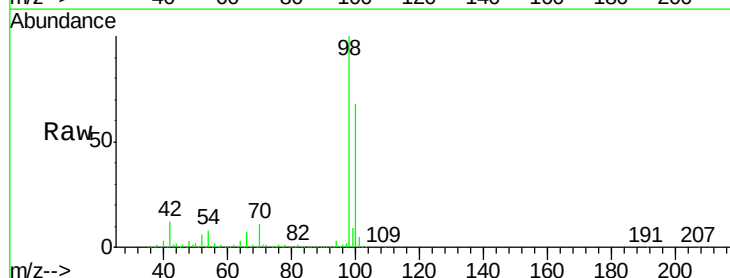
Acq: 13 Jul 2020 11:46

Tgt Ion: 98 Resp: 1091708

Ion Ratio Lower Upper

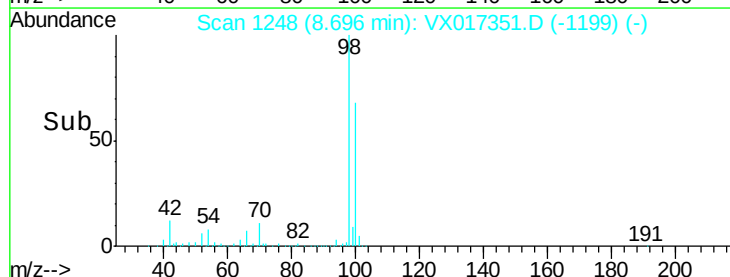
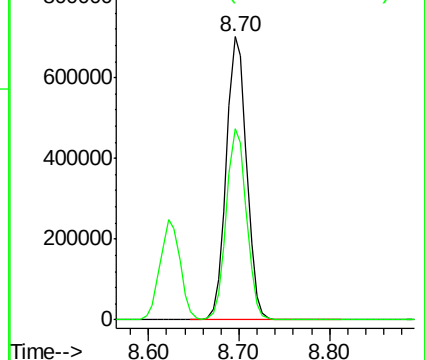
98 100

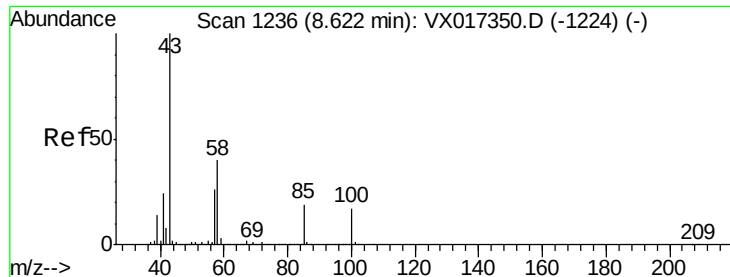
100 67.4 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

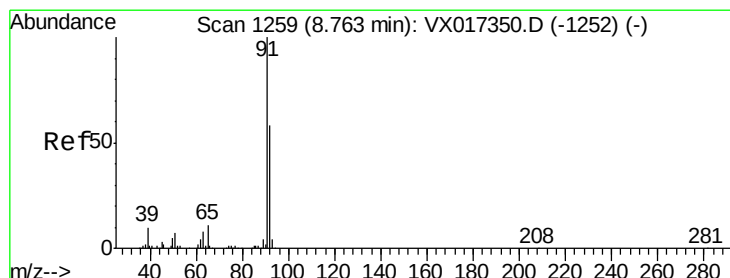
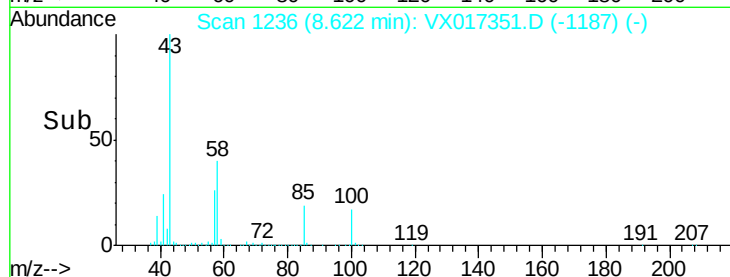
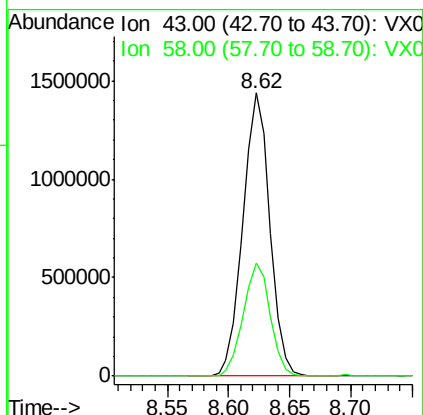
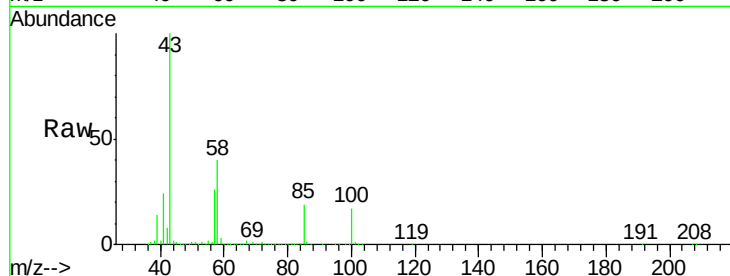




#51
 4-Methyl-2-Pentanone
 Concen: 521.464 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX017351.D
 Acq: 13 Jul 2020 11:46

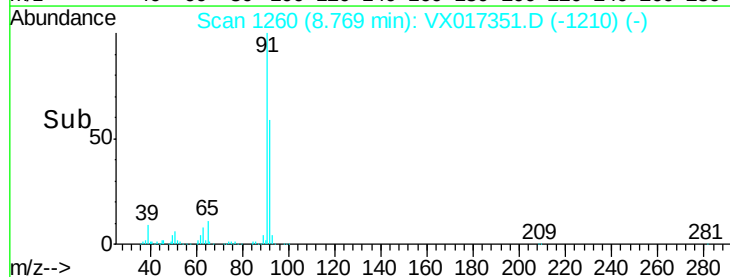
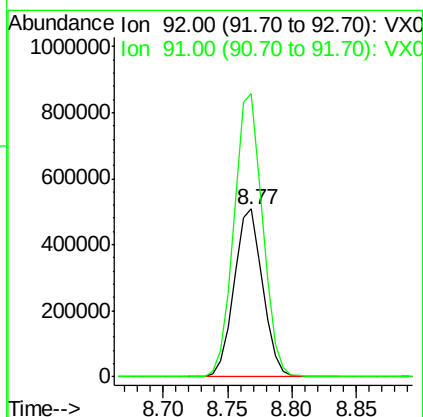
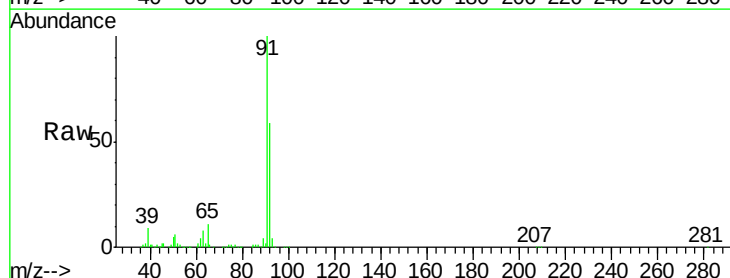
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

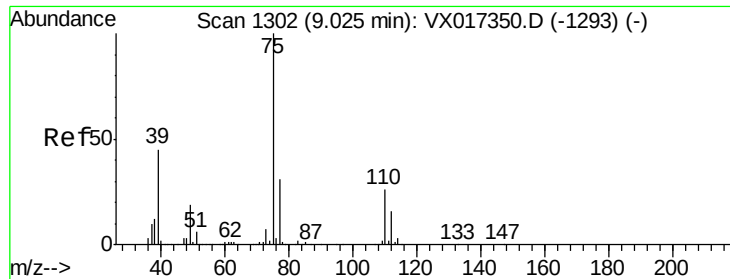
Tgt Ion: 43 Resp: 2203998
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.2 48.2



#52
 Toluene
 Concen: 100.995 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX017351.D
 Acq: 13 Jul 2020 11:46

Tgt Ion: 92 Resp: 781875
 Ion Ratio Lower Upper
 92 100
 91 169.4 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 107.326 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

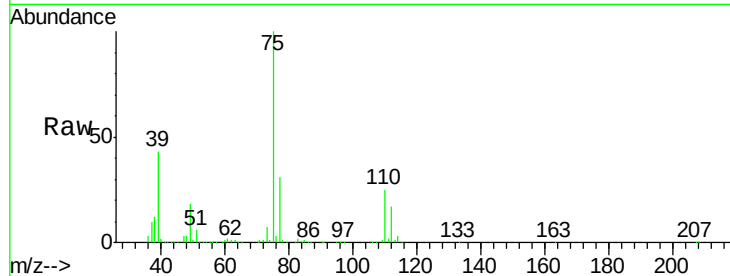
VSTDIC100

Tgt Ion: 75 Resp: 532078

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

400000

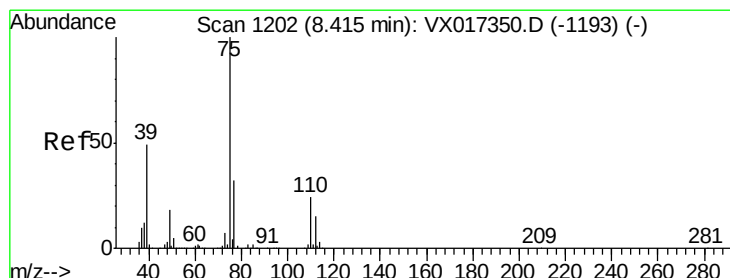
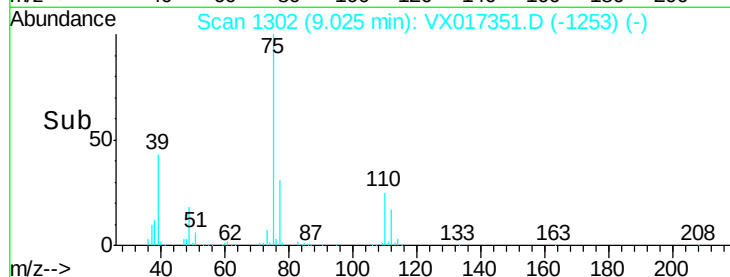
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 102.369 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

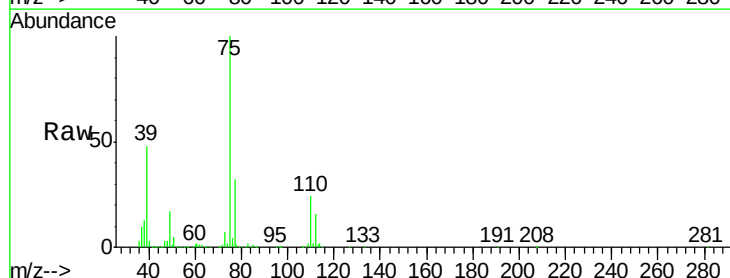
Tgt Ion: 75 Resp: 542948

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 47.7 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

400000

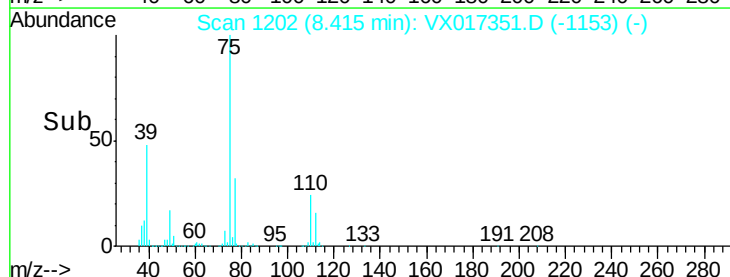
300000

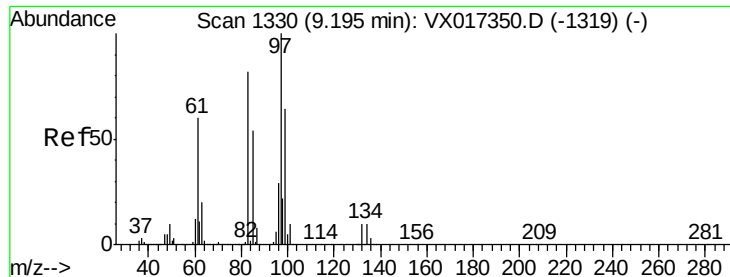
200000

100000

0

Time-->

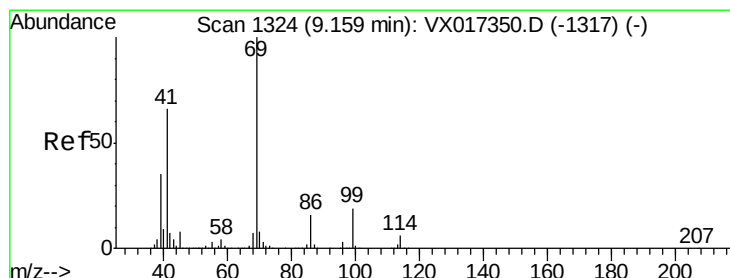
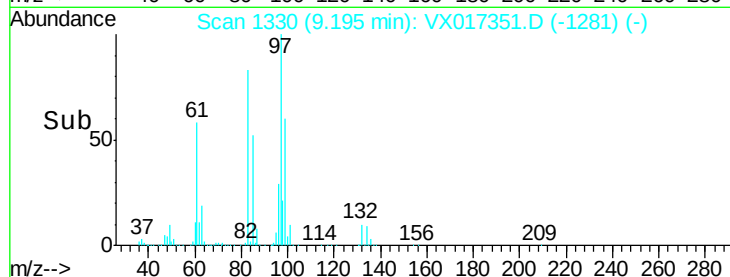
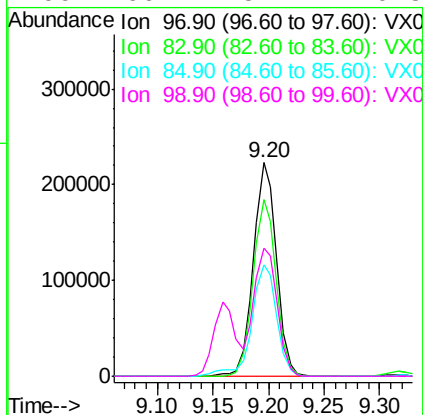
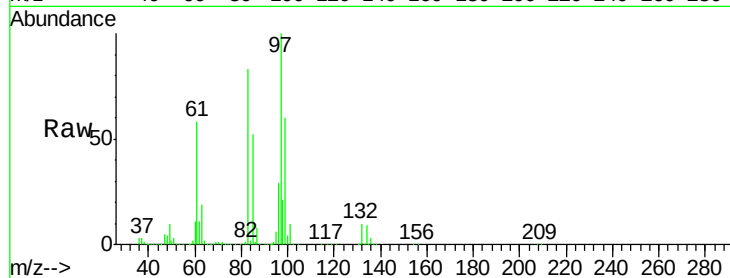




#55
 1,1,2-Trichloroethane
 Concen: 101.516 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017351.D
 Acq: 13 Jul 2020 11:46

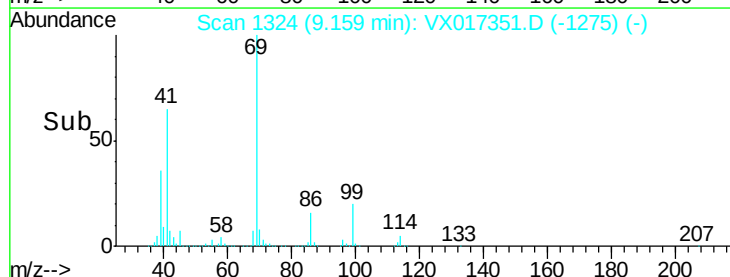
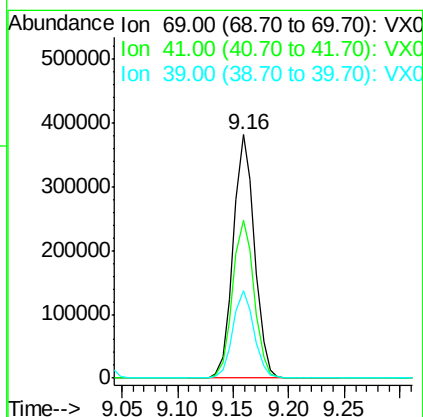
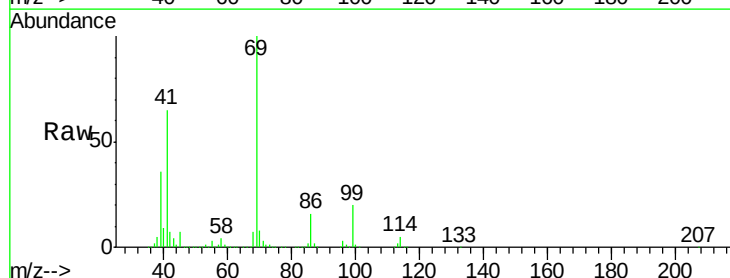
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

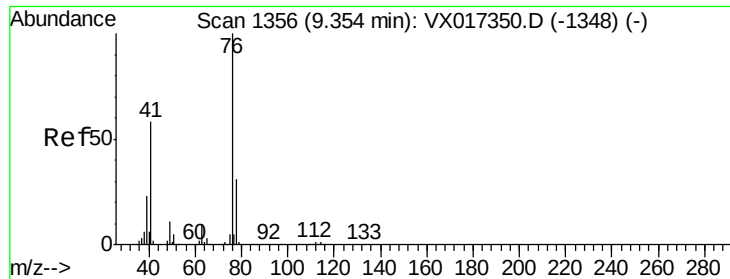
Tgt Ion:	97	Resp:	322600
Ion	Ratio	Lower	Upper
97	100		
83	82.5	65.8	98.6
85	52.2	42.8	64.2
99	60.1	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 111.744 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017351.D
 Acq: 13 Jul 2020 11:46

Tgt Ion:	69	Resp:	503563
Ion	Ratio	Lower	Upper
69	100		
41	65.9	52.6	78.8
39	35.8	28.8	43.2

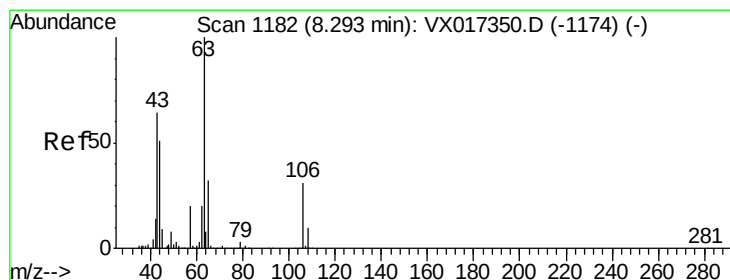
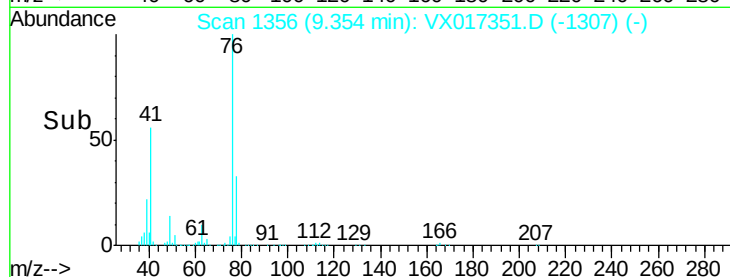
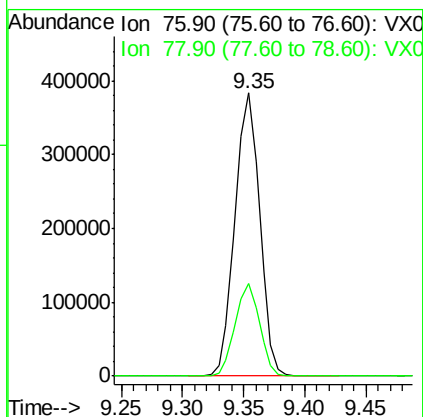
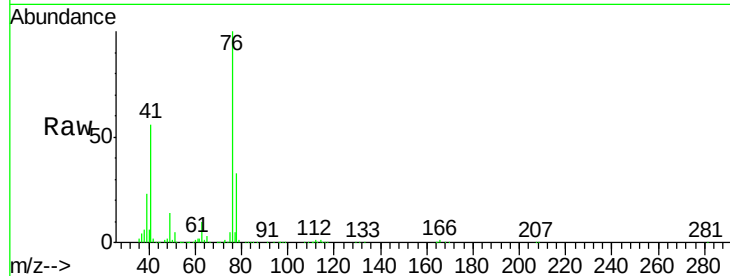




#57
1,3-Dichloropropane
Concen: 100.307 ug/l
RT: 9.35 min Scan# 1356
Delta R.T. 0.00 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

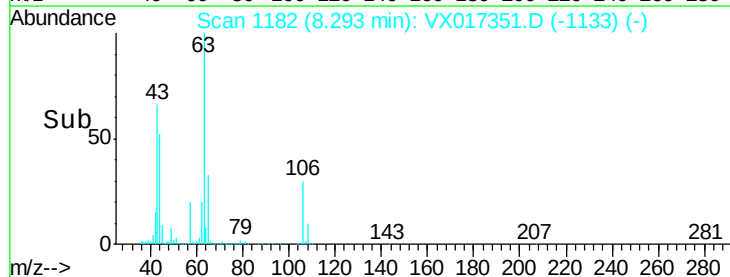
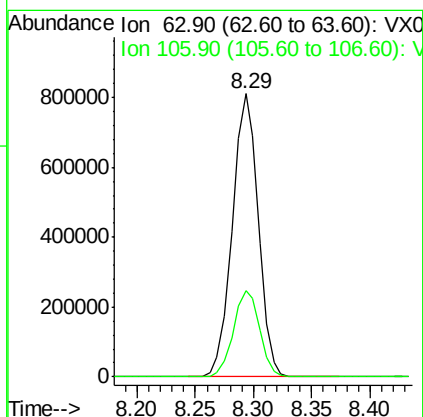
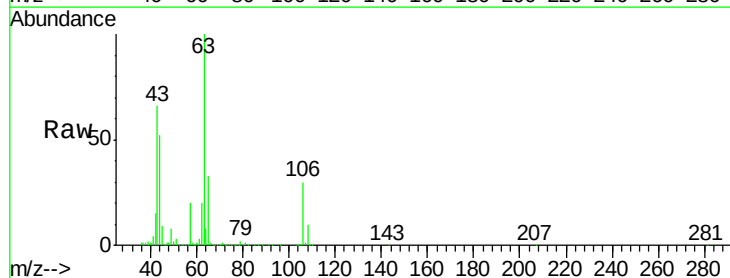
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

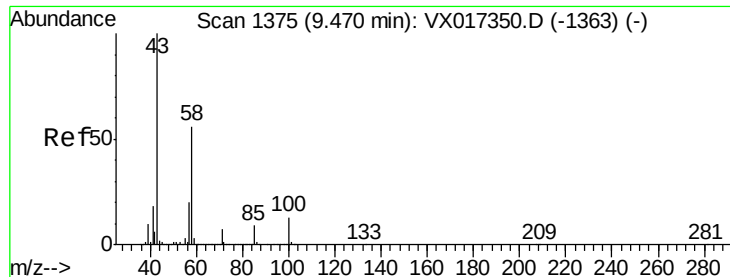
Tgt Ion: 76 Resp: 537429
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 557.915 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

Tgt Ion: 63 Resp: 1256136
Ion Ratio Lower Upper
63 100
106 30.9 24.8 37.2

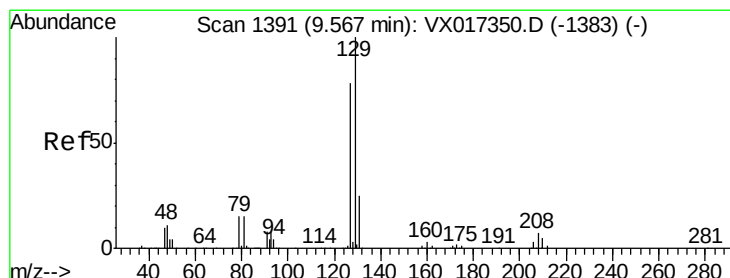
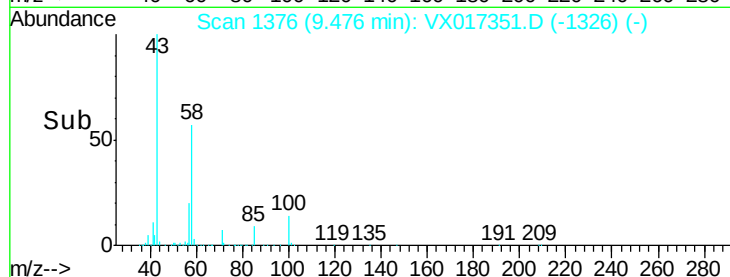
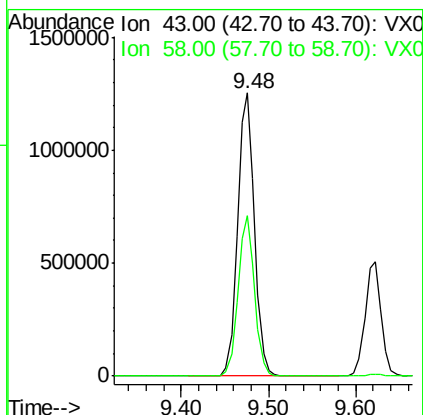
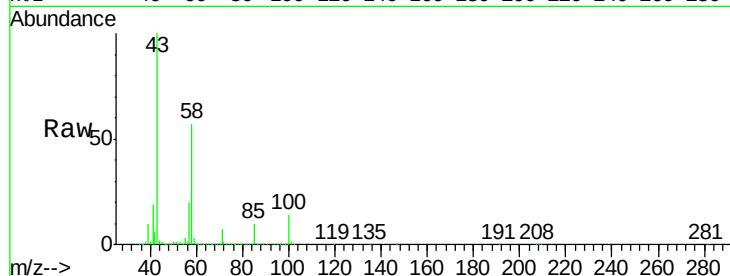




#59
2-Hexanone
Concen: 541.137 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

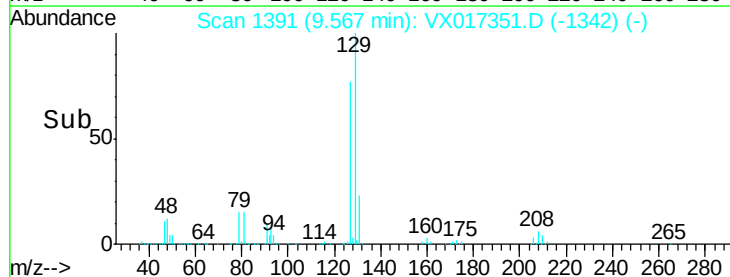
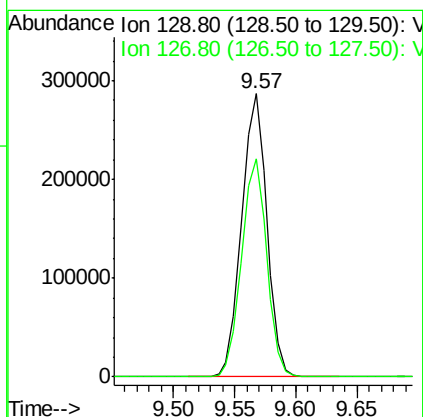
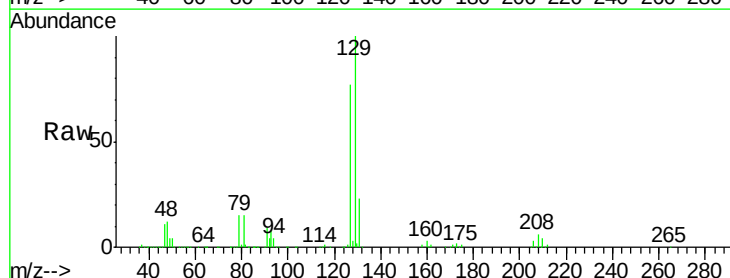
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

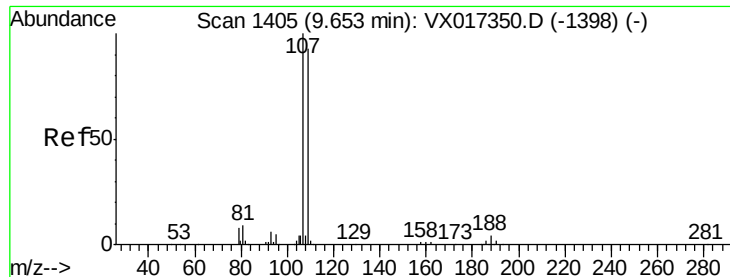
Tgt Ion: 43 Resp: 1679711
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.3



#60
Dibromochloromethane
Concen: 110.344 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

Tgt Ion: 129 Resp: 410502
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.6





#61

1,2-Dibromoethane

Concen: 104.663 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

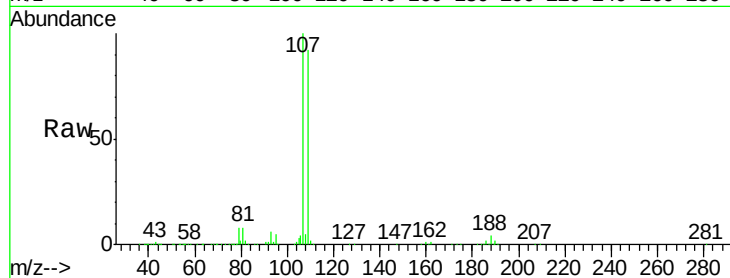
VSTDIC100

Tgt Ion: 107 Resp: 358011

Ion Ratio Lower Upper

107 100

109 94.2 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

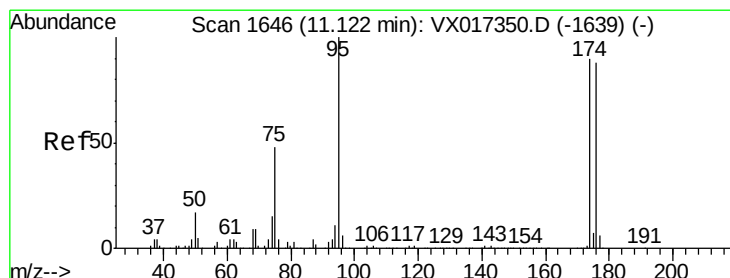
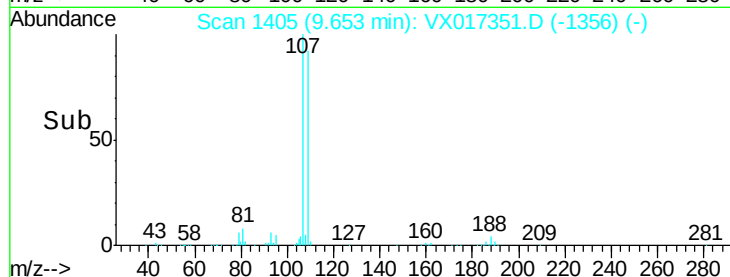
150000

100000

50000

0

Time--> 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 108.734 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

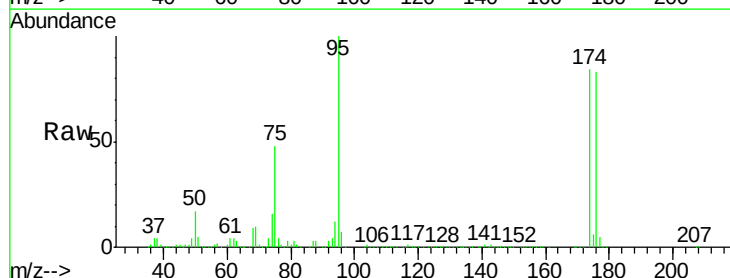
Tgt Ion: 95 Resp: 452176

Ion Ratio Lower Upper

95 100

174 86.1 0.0 175.8

176 83.9 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

500000

400000

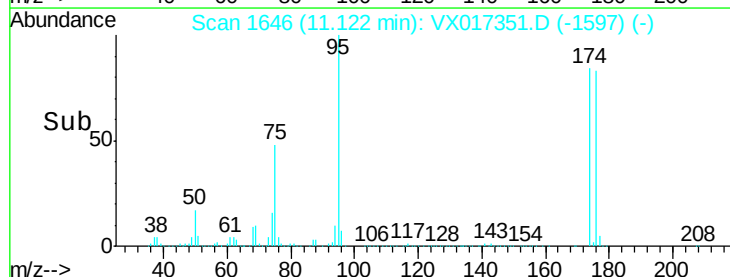
300000

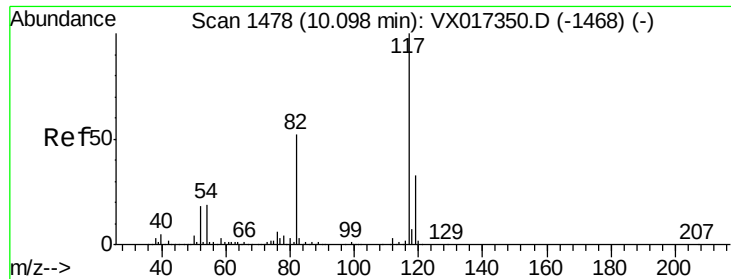
200000

100000

0

Time--> 11.00 11.10 11.20

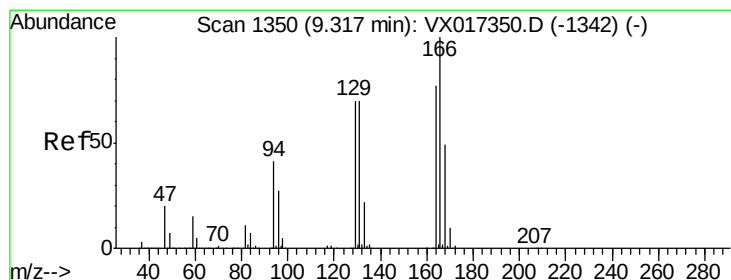
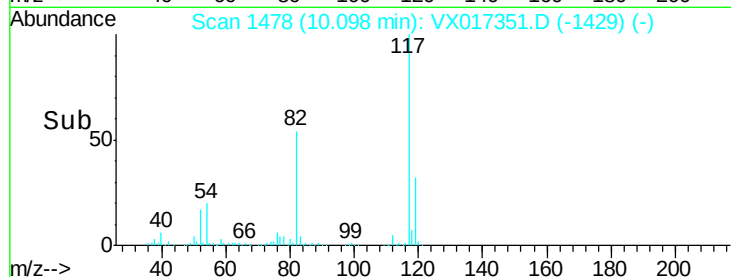
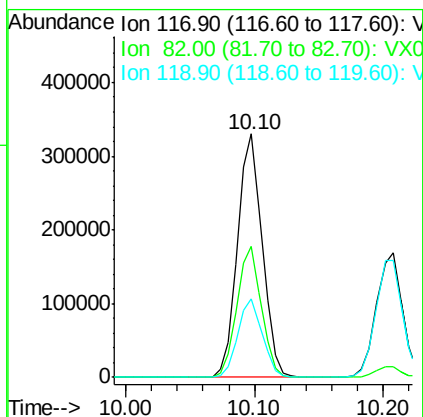
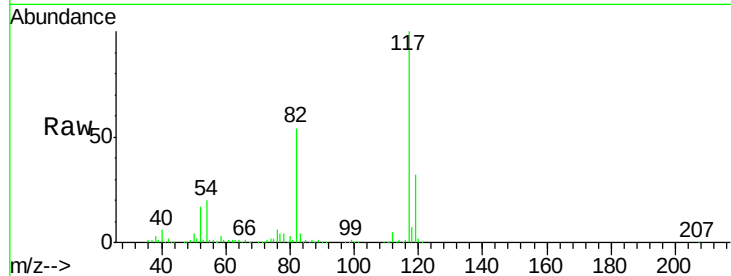




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

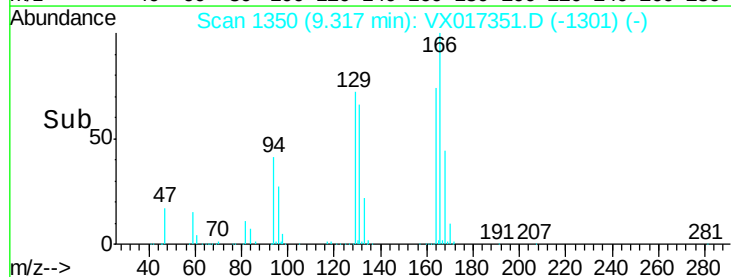
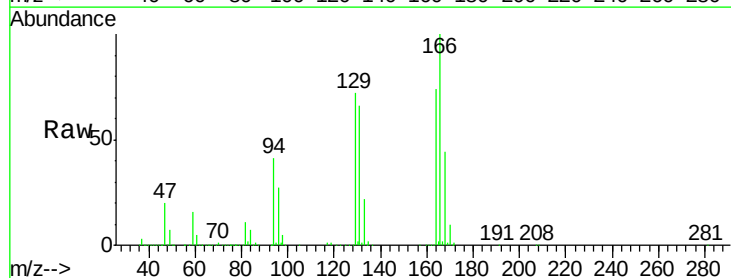
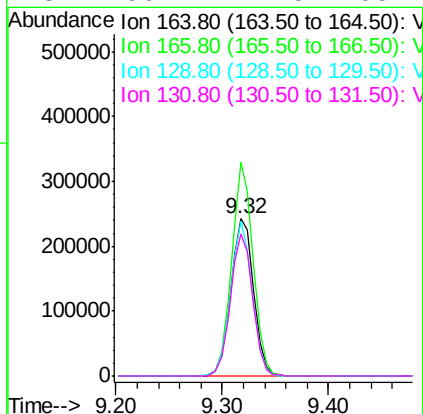
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

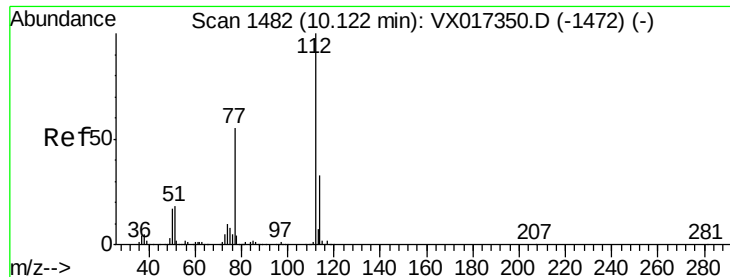
Tgt Ion:117 Resp: 440348
Ion Ratio Lower Upper
117 100
82 53.6 42.0 63.0
119 32.0 26.3 39.5



#64
Tetrachloroethene
Concen: 100.493 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

Tgt Ion:164 Resp: 362242
Ion Ratio Lower Upper
164 100
166 135.9 103.9 155.9
129 98.2 72.9 109.3
131 90.1 72.5 108.7





#65

Chlorobenzene

Concen: 97.363 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

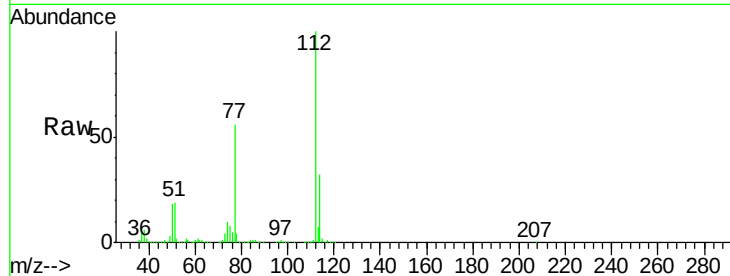
VSTDIC100

Tgt Ion:112 Resp: 885398

Ion Ratio Lower Upper

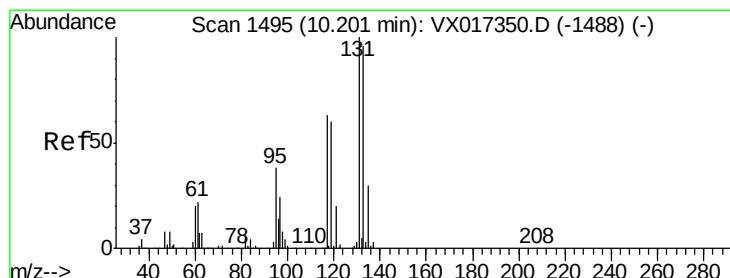
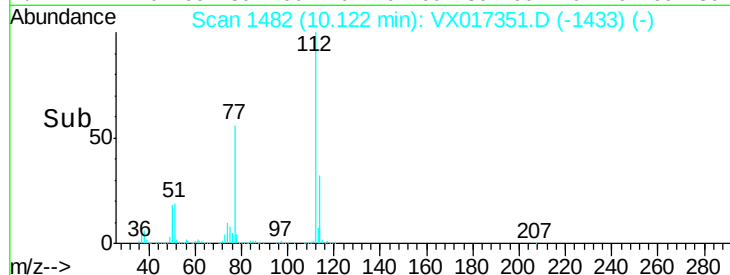
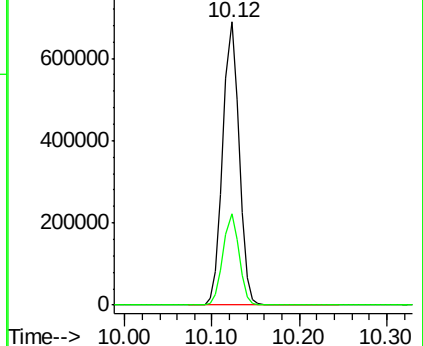
112 100

114 32.3 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 101.527 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

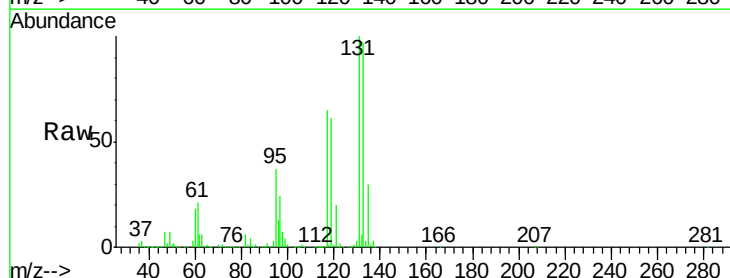
Tgt Ion:131 Resp: 358285

Ion Ratio Lower Upper

131 100

133 97.2 48.4 145.2

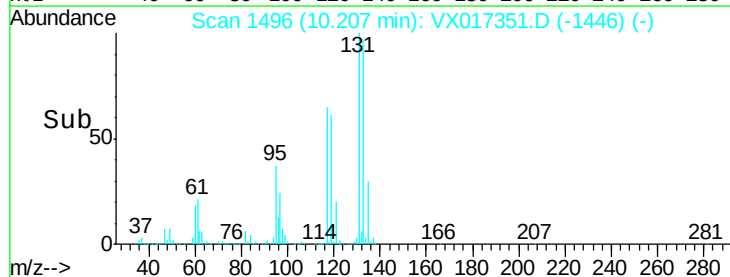
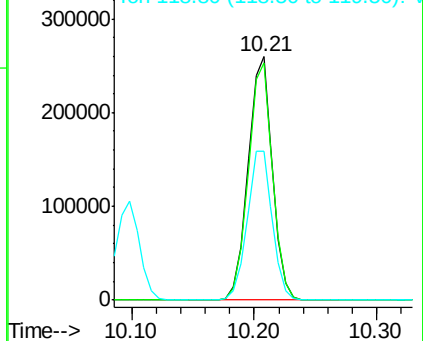
119 63.0 31.2 93.6

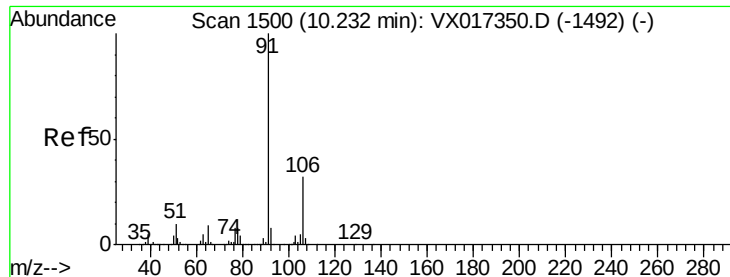


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 102.542 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

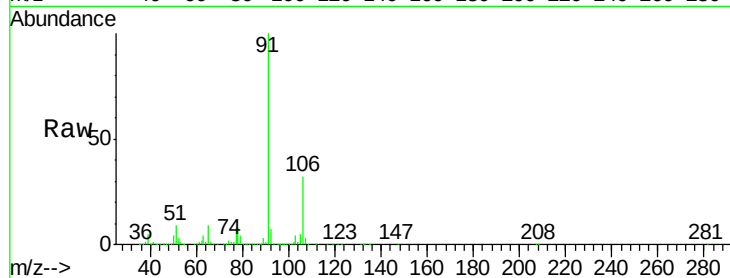
VSTDIC100

Tgt Ion: 91 Resp: 1554773

Ion Ratio Lower Upper

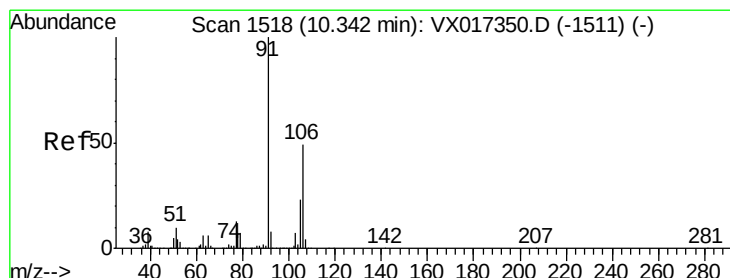
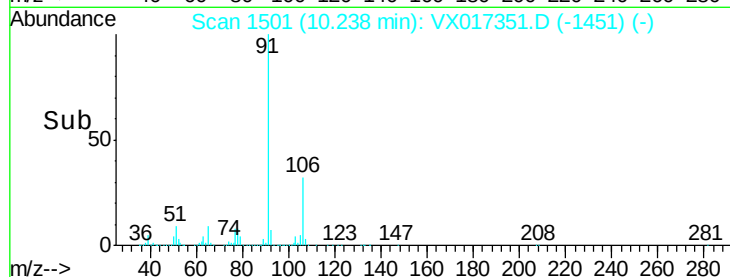
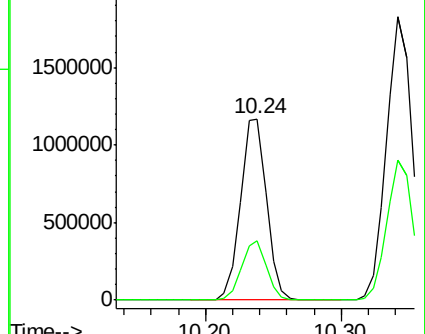
91 100

106 32.4 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 206.664 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017351.D

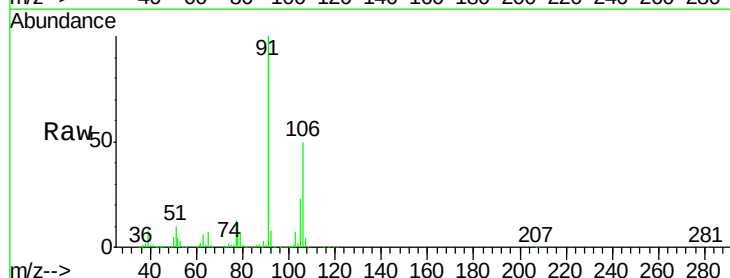
Acq: 13 Jul 2020 11:46

Tgt Ion: 106 Resp: 1202949

Ion Ratio Lower Upper

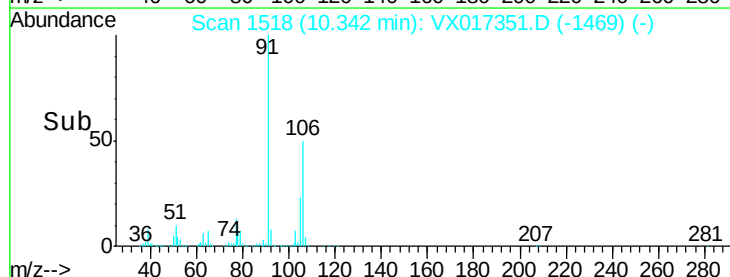
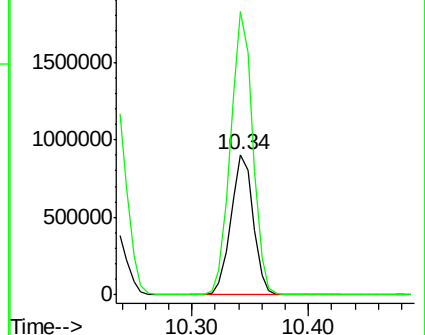
106 100

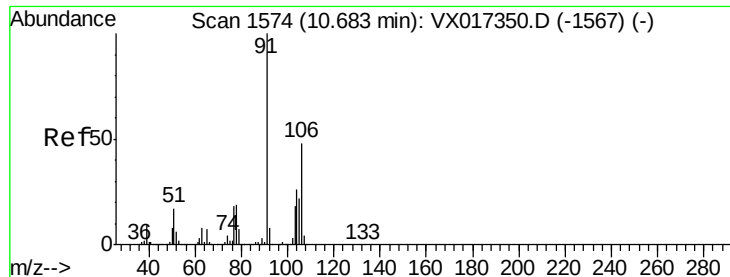
91 200.4 162.5 243.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

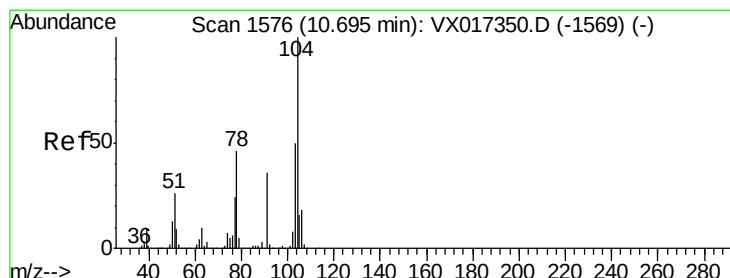
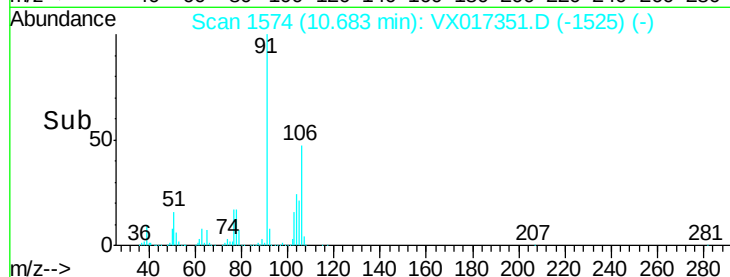
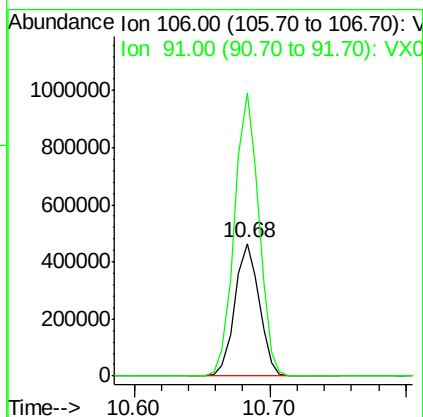
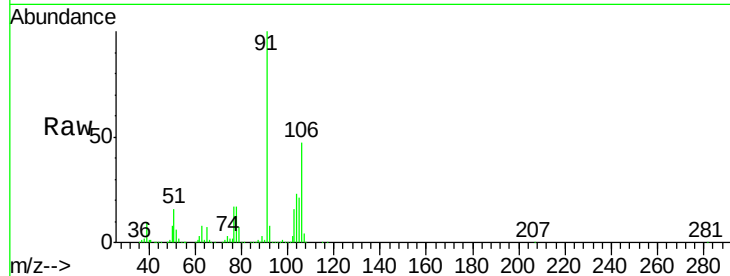




#69
o-Xylene
Concen: 104.503 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

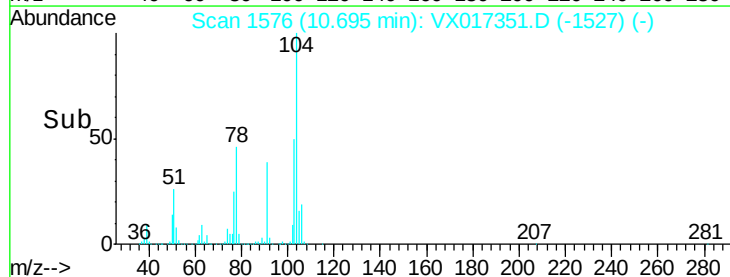
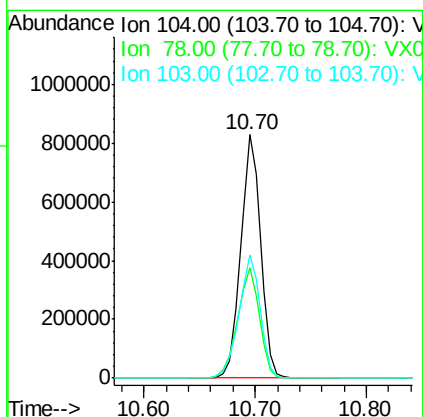
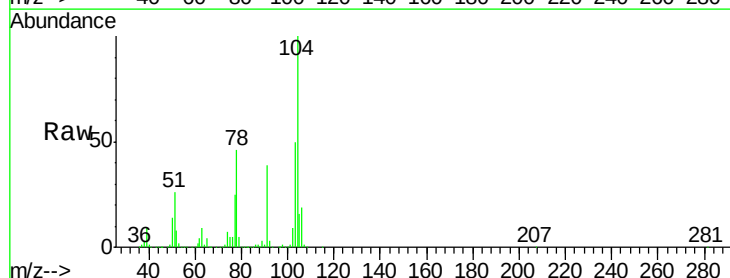
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

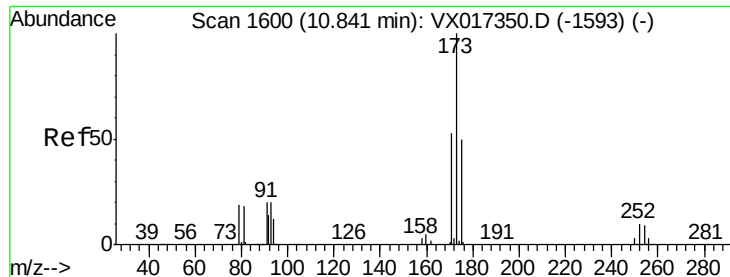
Tgt Ion:106 Resp: 580471
Ion Ratio Lower Upper
106 100
91 212.7 106.1 318.1



#70
Styrene
Concen: 108.369 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

Tgt Ion:104 Resp: 1023596
Ion Ratio Lower Upper
104 100
78 50.1 40.8 61.2
103 54.2 43.3 64.9

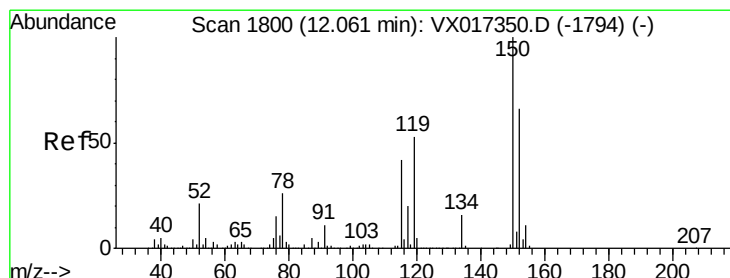
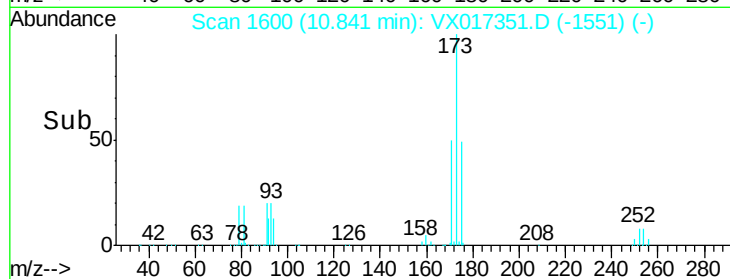
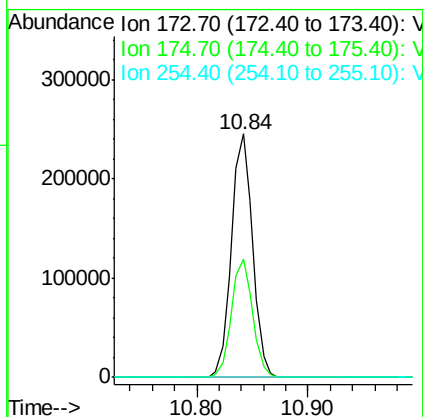
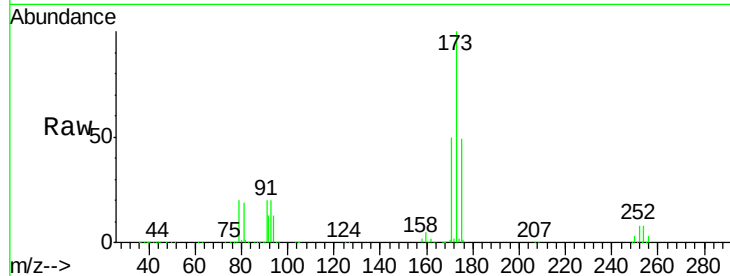




#71
Bromoform
Concen: 114.213 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

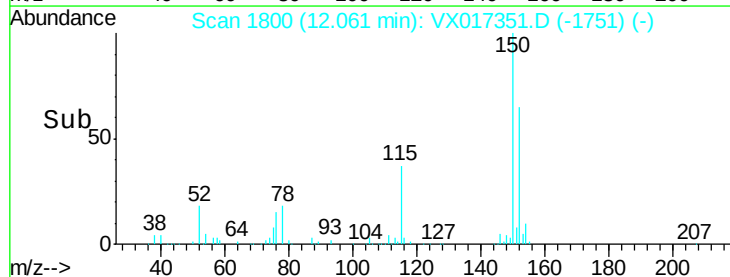
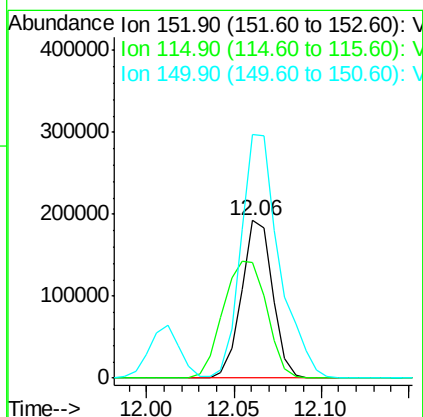
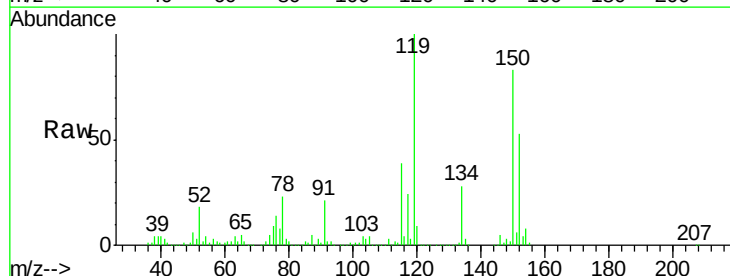
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

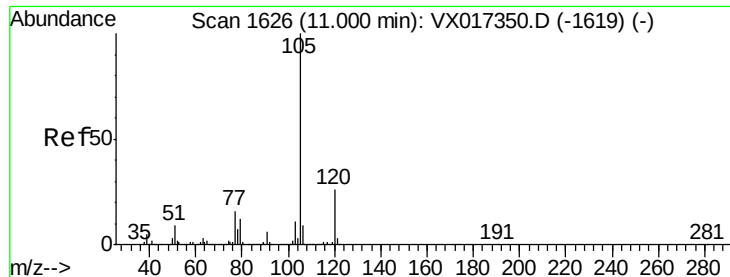
Tgt Ion:173 Resp: 321930
Ion Ratio Lower Upper
173 100
175 48.6 24.7 74.1
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

Tgt Ion:152 Resp: 238121
Ion Ratio Lower Upper
152 100
115 103.5 39.9 119.7
150 189.9 0.0 343.4





#73

Isopropylbenzene

Concen: 100.963 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

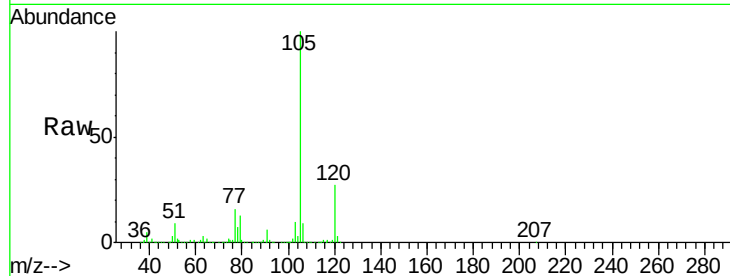
VSTDIC100

Tgt Ion: 105 Resp: 1567949

Ion Ratio Lower Upper

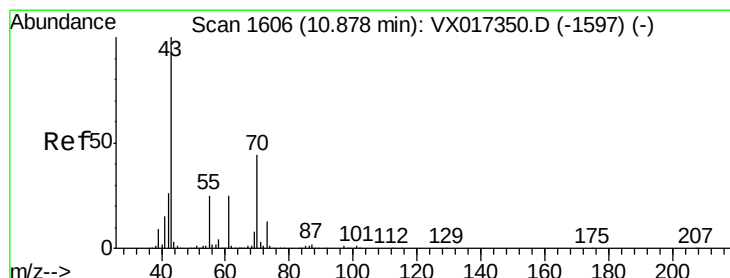
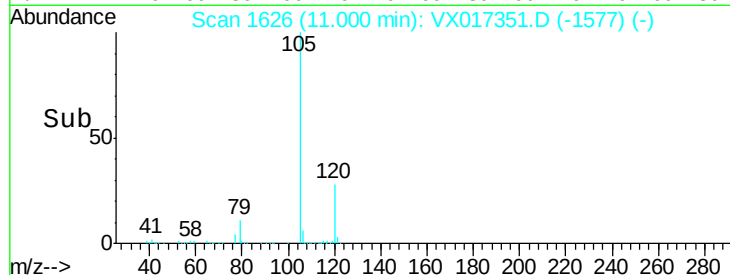
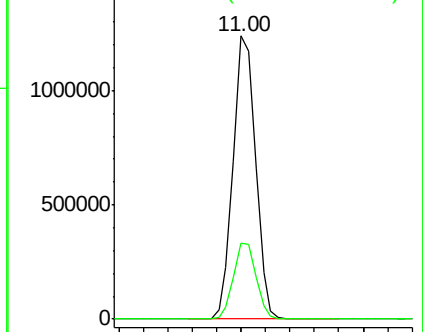
105 100

120 27.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 101.768 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Tgt Ion: 43 Resp: 666301

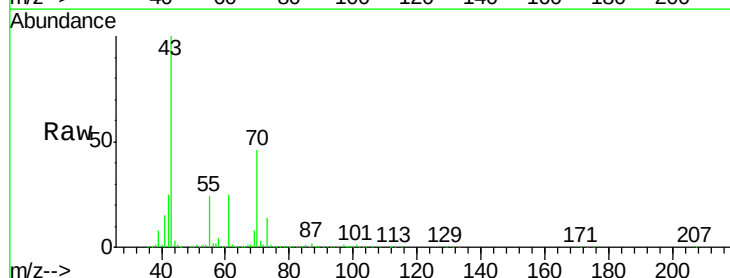
Ion Ratio Lower Upper

43 100

70 44.3 35.7 53.5

55 24.3 20.3 30.5

61 24.4 20.0 30.0

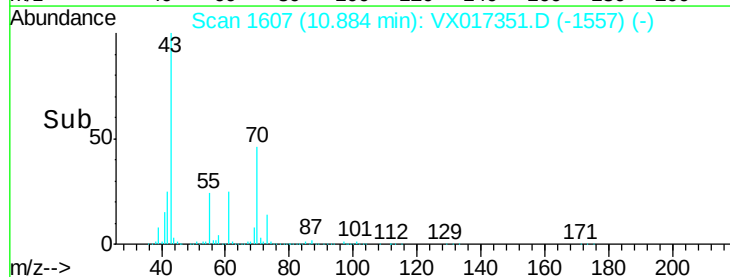
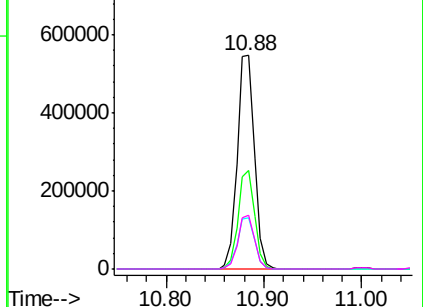


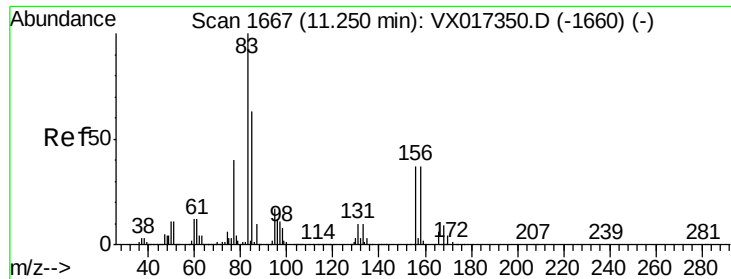
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 92.762 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

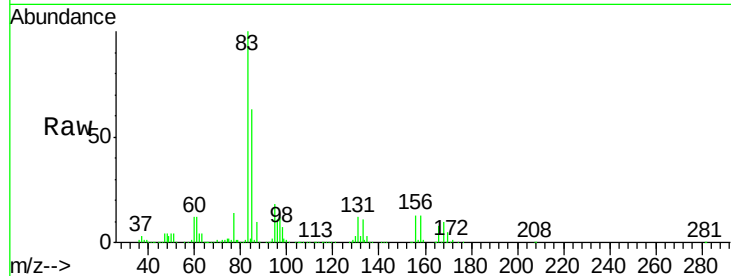
Tgt Ion: 83 Resp: 450521

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.7

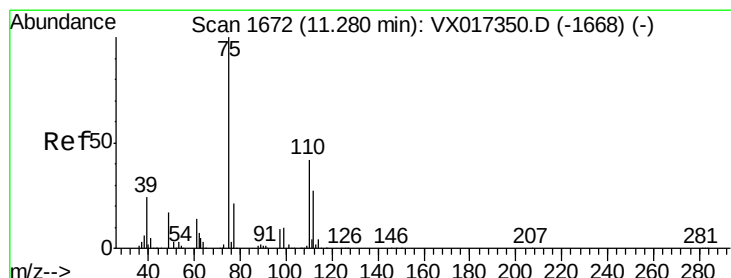
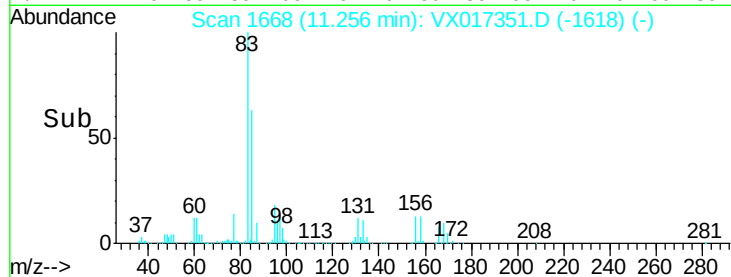
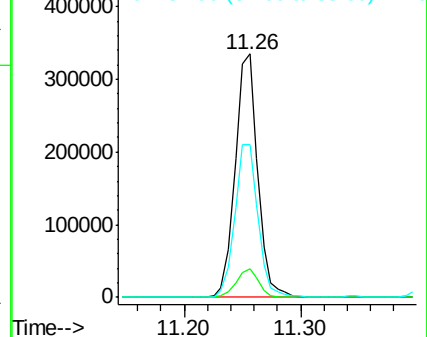
85 64.8 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 126.373 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017351.D

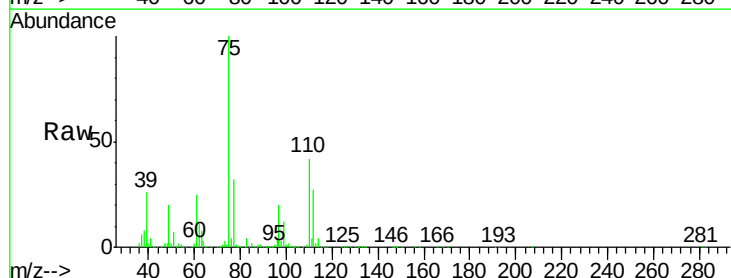
Acq: 13 Jul 2020 11:46

Tgt Ion: 75 Resp: 585872

Ion Ratio Lower Upper

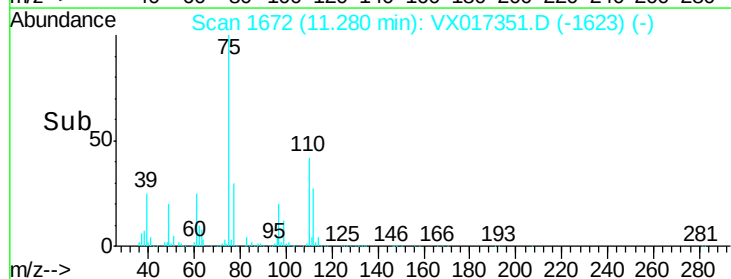
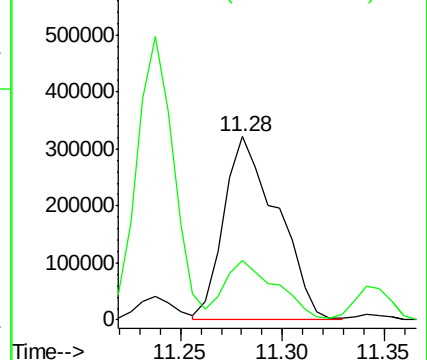
75 100

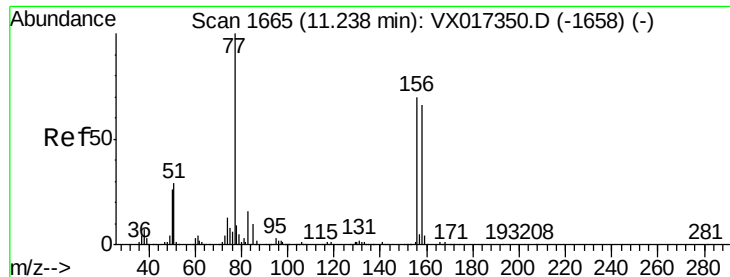
77 31.5 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 99.018 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

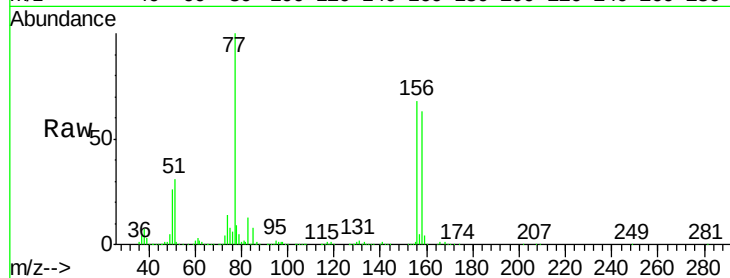
Tgt Ion:156 Resp: 426122

Ion Ratio Lower Upper

156 100

77 146.1 72.1 216.3

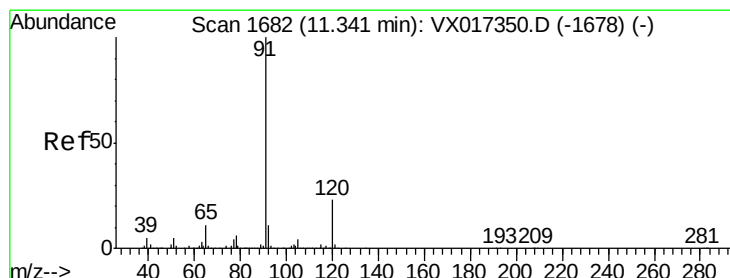
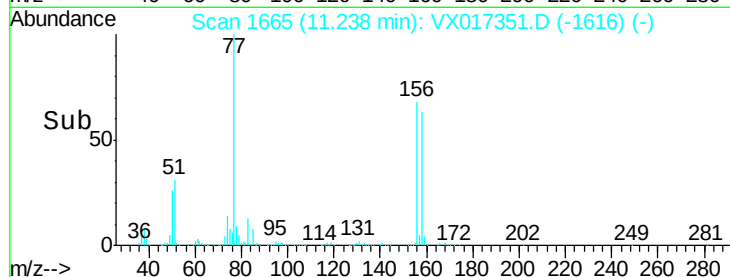
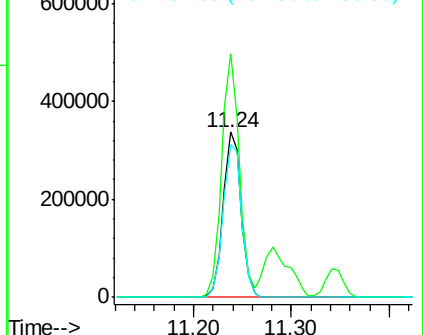
158 95.6 47.4 142.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 102.555 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017351.D

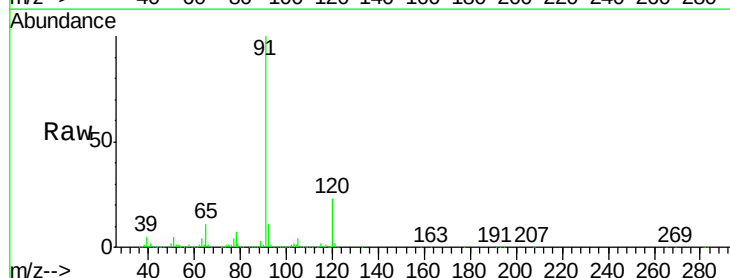
Acq: 13 Jul 2020 11:46

Tgt Ion: 91 Resp: 1802285

Ion Ratio Lower Upper

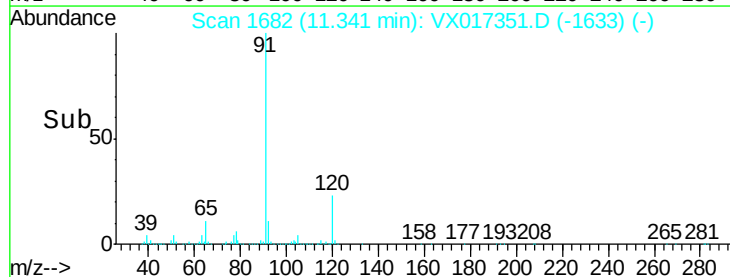
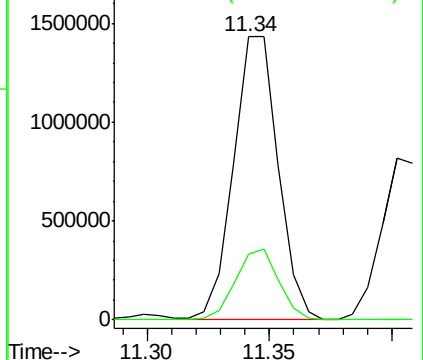
91 100

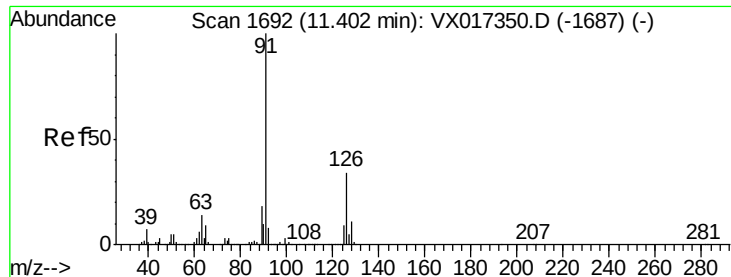
120 24.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 100.125 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

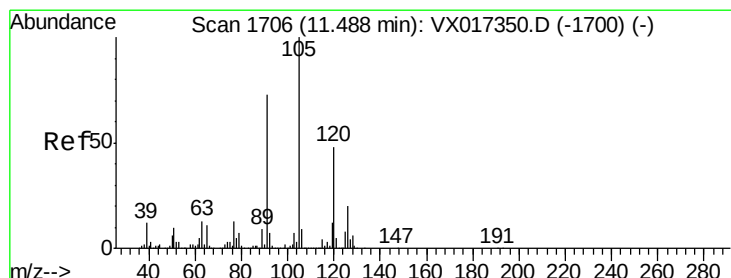
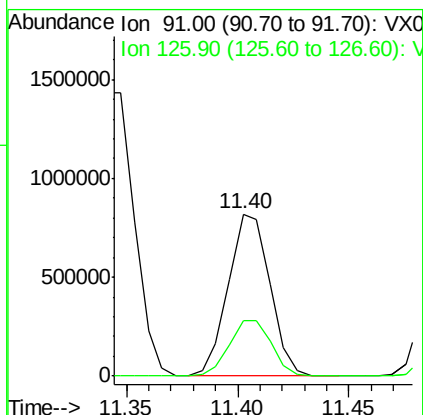
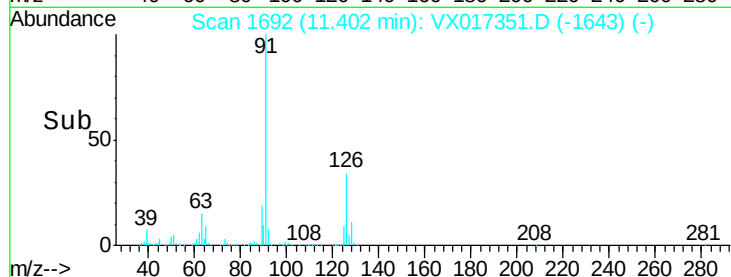
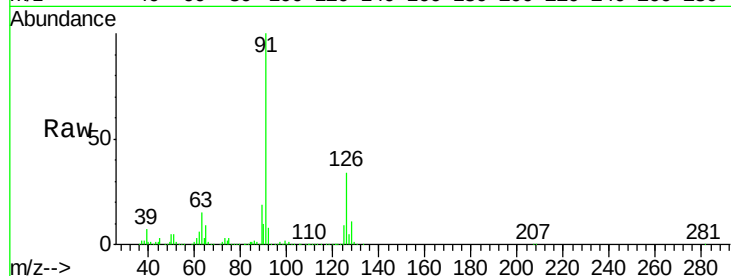
VSTDIC100

Tgt Ion: 91 Resp: 1064803

Ion Ratio Lower Upper

91 100

126 35.2 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 105.185 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX017351.D

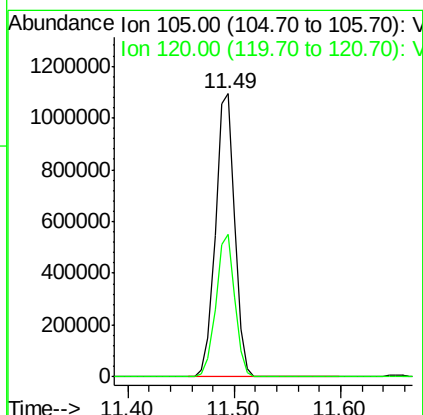
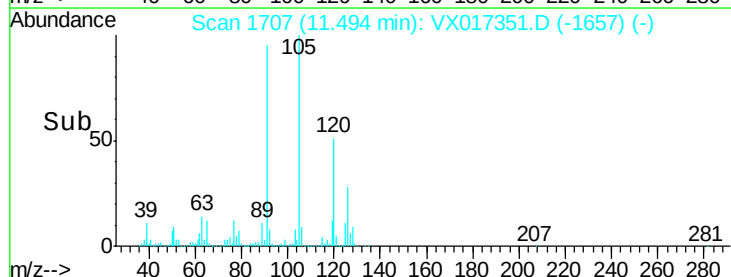
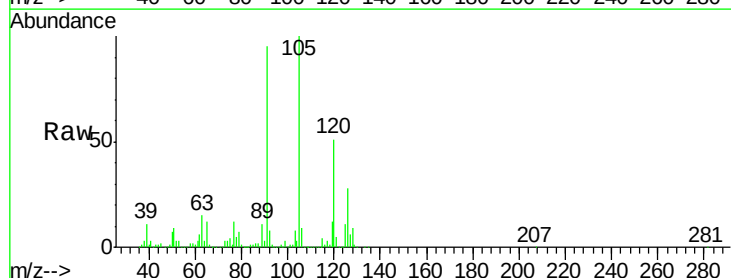
Acq: 13 Jul 2020 11:46

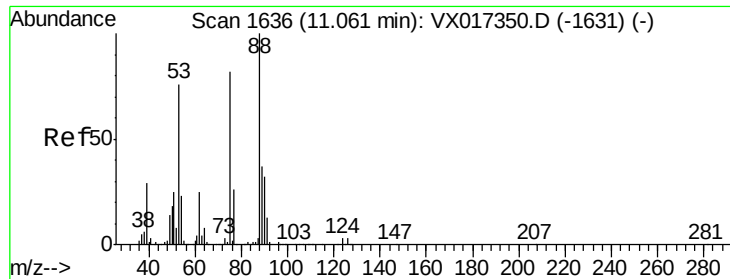
Tgt Ion: 105 Resp: 1356490

Ion Ratio Lower Upper

105 100

120 49.5 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 101.924 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

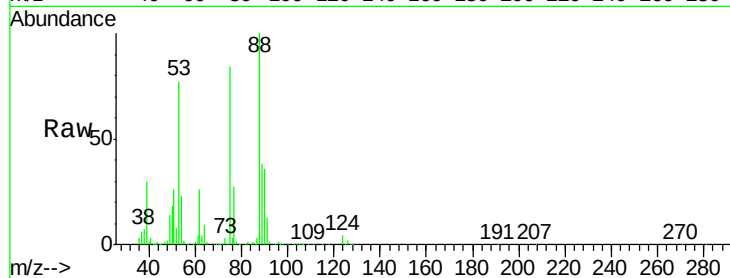
Tgt Ion: 75 Resp: 181899

Ion Ratio Lower Upper

75 100

53 93.8 76.5 114.7

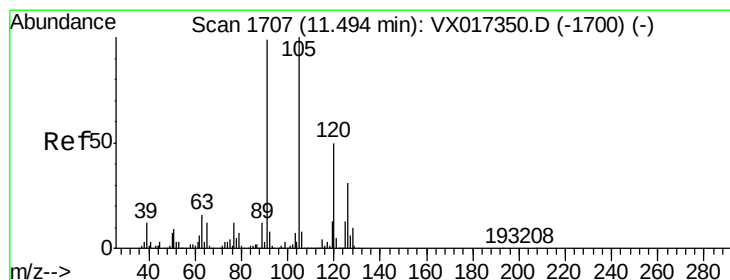
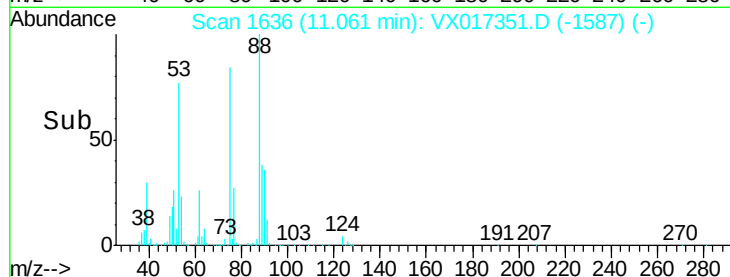
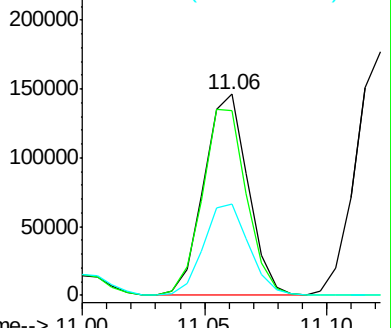
89 46.8 38.1 57.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 100.345 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017351.D

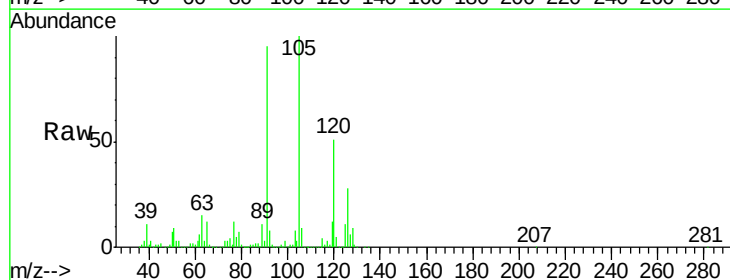
Acq: 13 Jul 2020 11:46

Tgt Ion: 91 Resp: 1277734

Ion Ratio Lower Upper

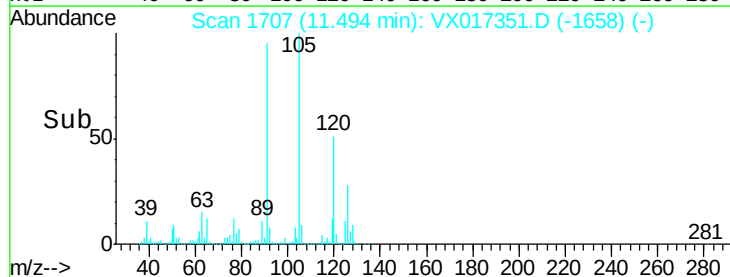
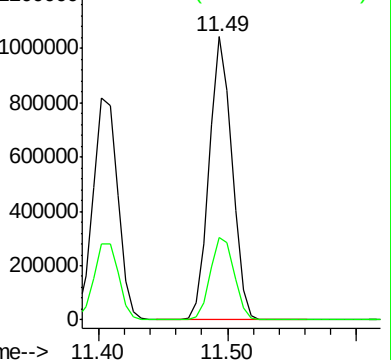
91 100

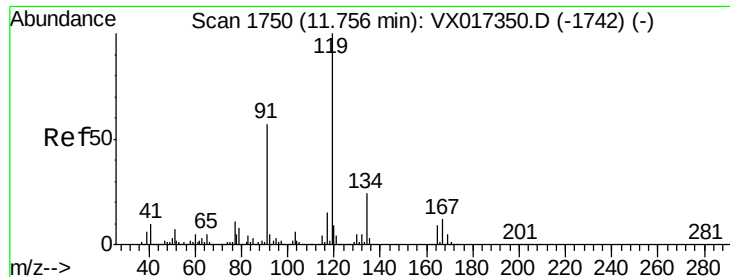
126 30.5 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

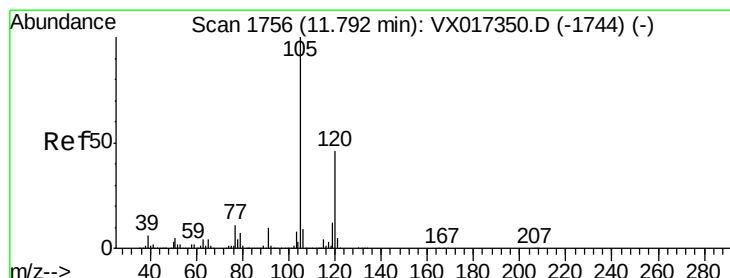
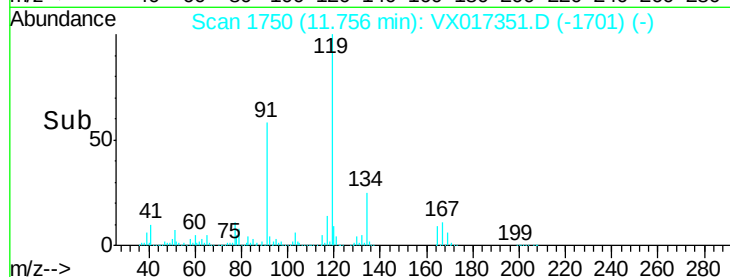
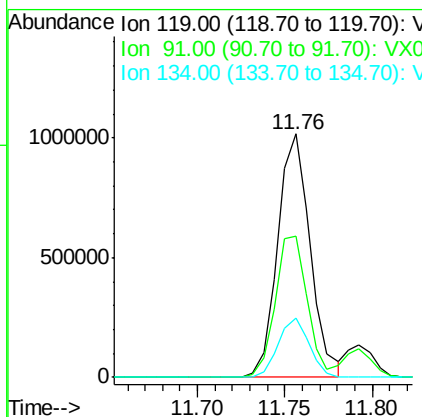
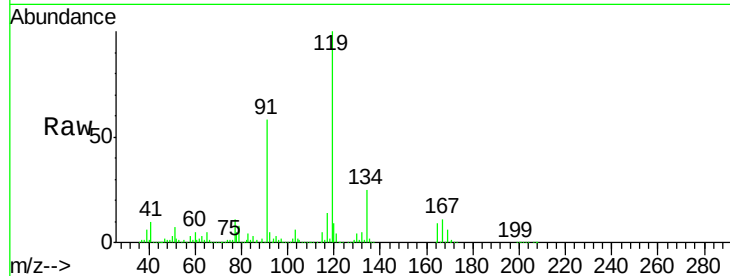




#83
 tert-Butylbenzene
 Concen: 103.994 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017351.D
 Acq: 13 Jul 2020 11:46

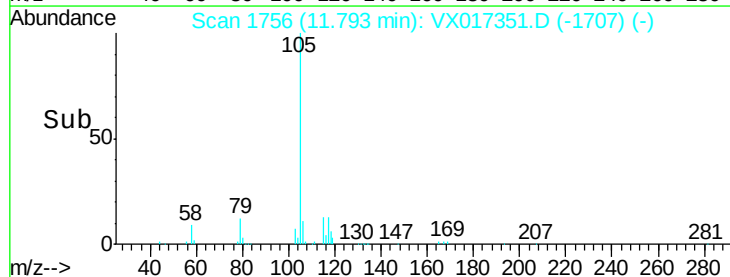
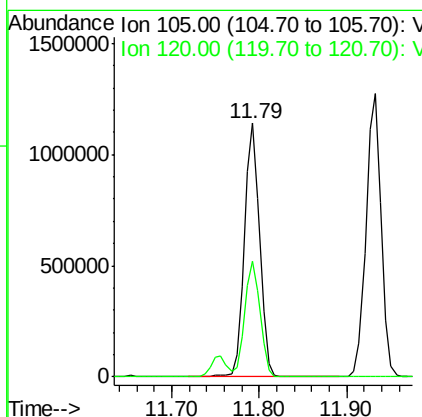
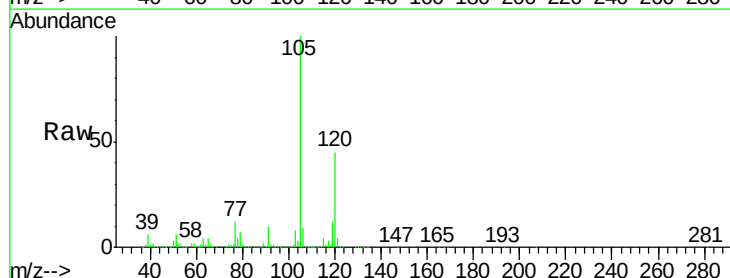
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

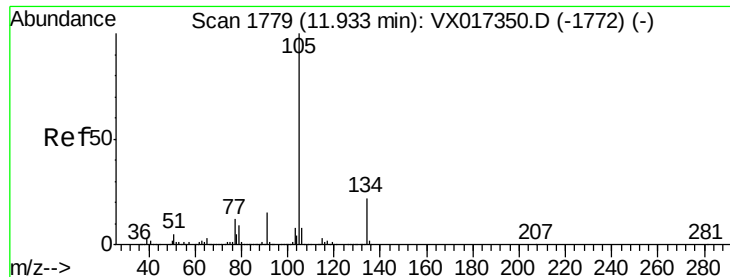
Tgt Ion:119 Resp: 1317885
 Ion Ratio Lower Upper
 119 100
 91 57.0 28.5 85.6
 134 23.4 11.9 35.9



#84
 1,2,4-Trimethylbenzene
 Concen: 105.240 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017351.D
 Acq: 13 Jul 2020 11:46

Tgt Ion:105 Resp: 1380060
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.8 68.4





#85

sec-Butylbenzene

Concen: 103.828 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

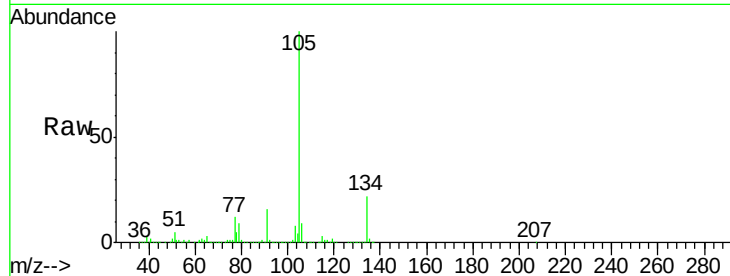
VSTDIC100

Tgt Ion:105 Resp: 1545389

Ion Ratio Lower Upper

105 100

134 21.1 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

1500000

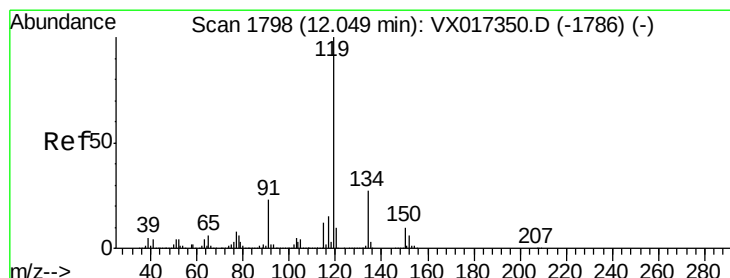
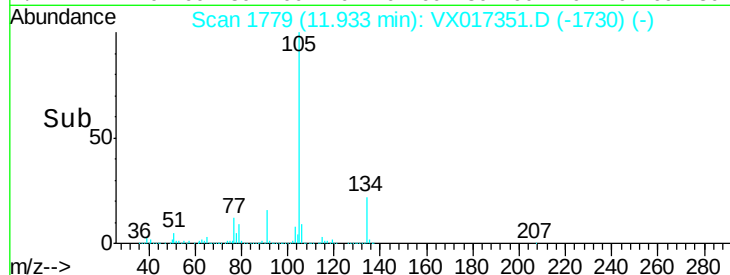
1000000

500000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 106.438 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

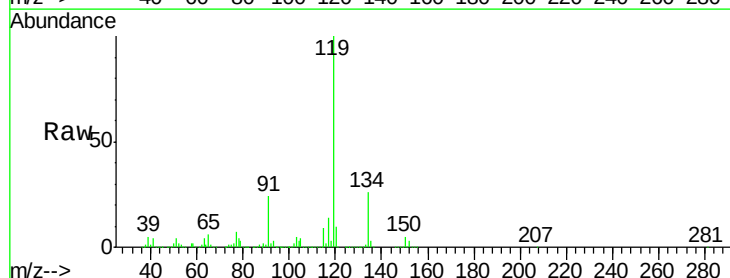
Tgt Ion:119 Resp: 1472867

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.5

91 23.5 11.8 35.3



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

12.05

1500000

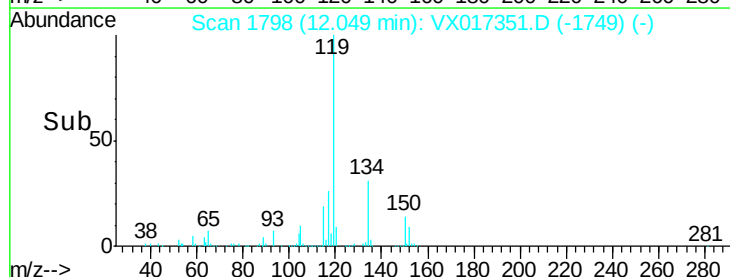
1000000

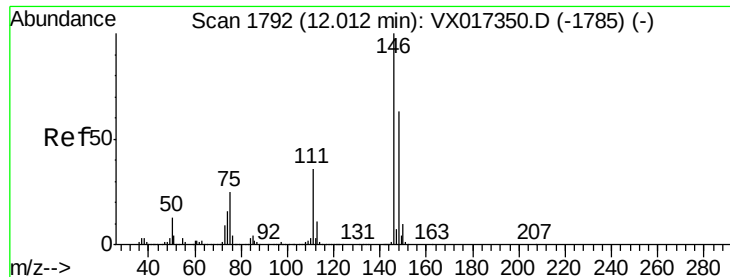
500000

0

Time-->

12.00 12.10

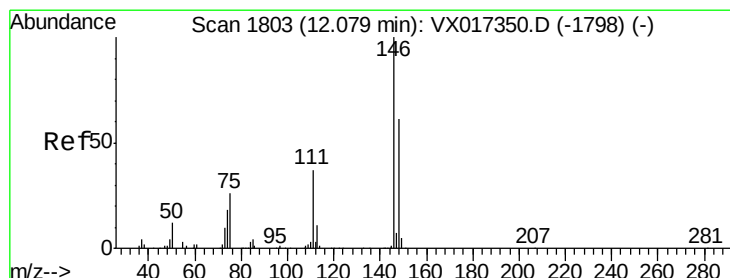
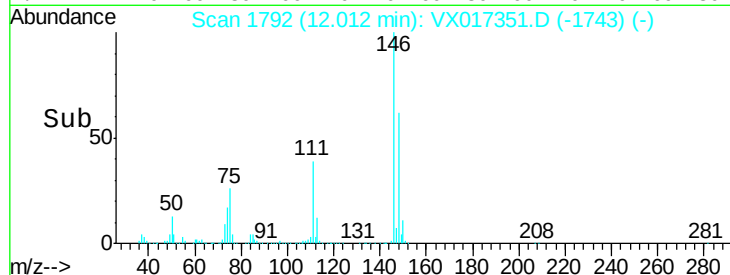
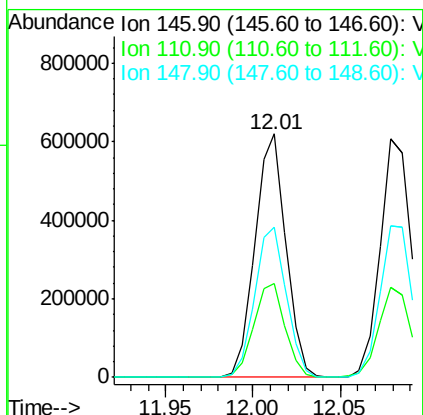
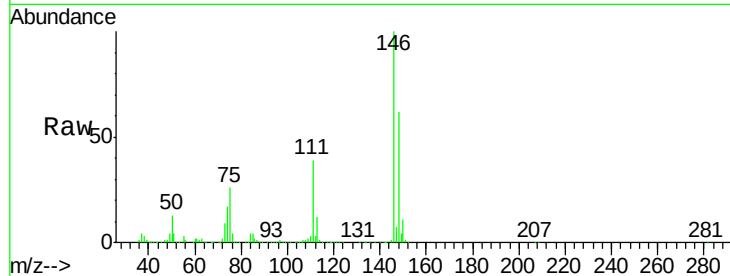




#87
 1,3-Dichlorobenzene
 Concen: 97.248 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017351.D
 Acq: 13 Jul 2020 11:46

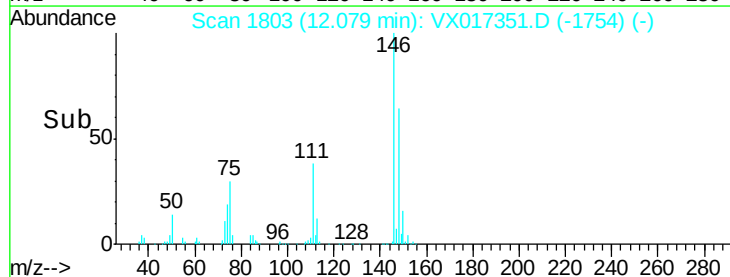
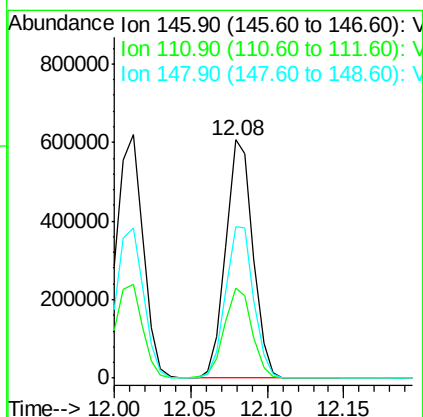
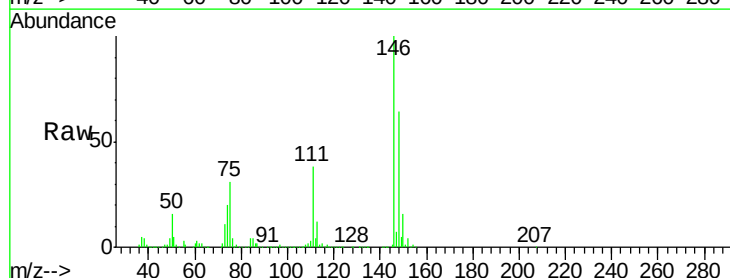
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

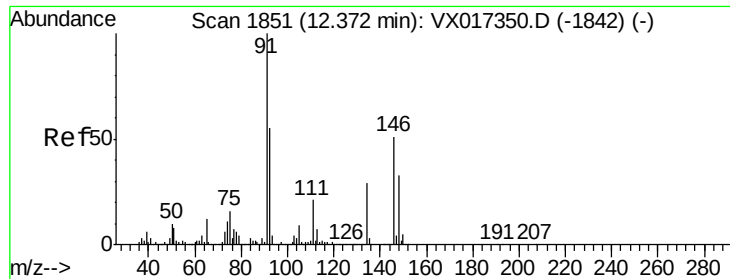
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.2	57.6
148	62.9	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 93.658 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017351.D
 Acq: 13 Jul 2020 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.9
148	65.1	31.9	95.9





#89

n-Butylbenzene

Concen: 101.341 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

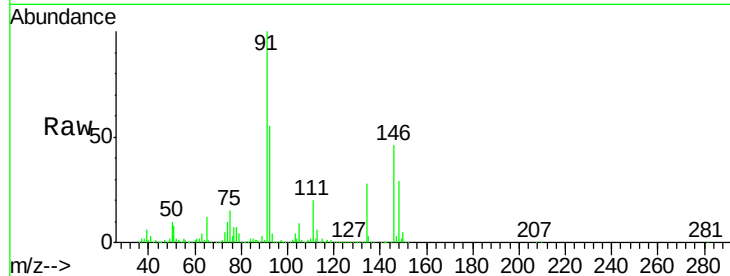
Tgt Ion: 91 Resp: 1247743

Ion Ratio Lower Upper

91 100

92 54.5 27.0 81.0

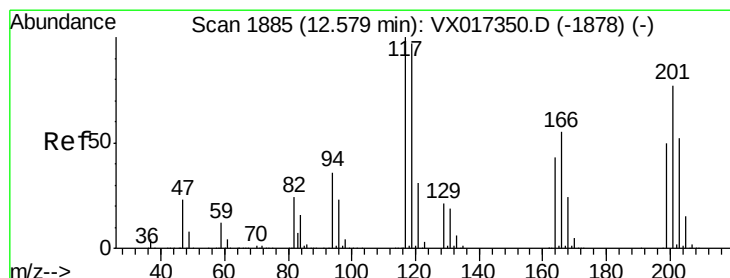
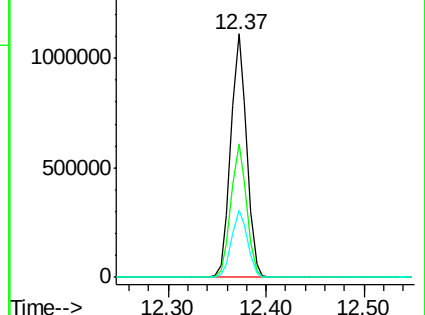
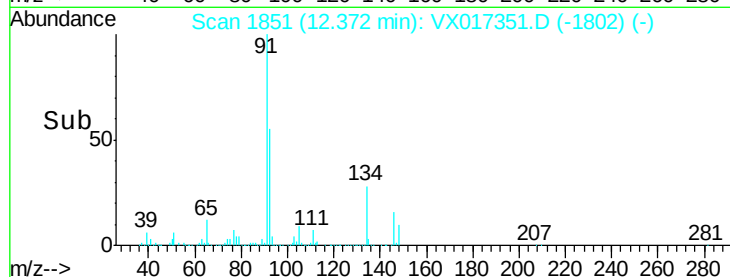
134 27.8 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VX017351.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX017351.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX017351.D (-1802) (-)



#90

Hexachloroethane

Concen: 100.094 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX017351.D

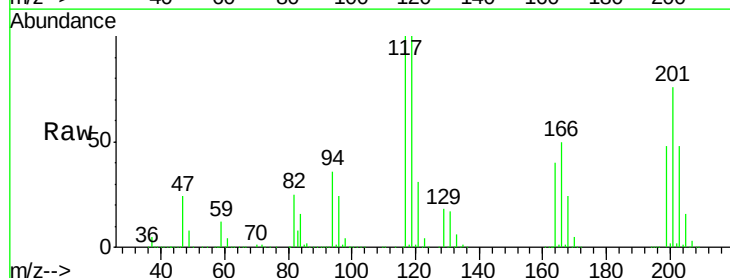
Acq: 13 Jul 2020 11:46

Tgt Ion: 117 Resp: 272460

Ion Ratio Lower Upper

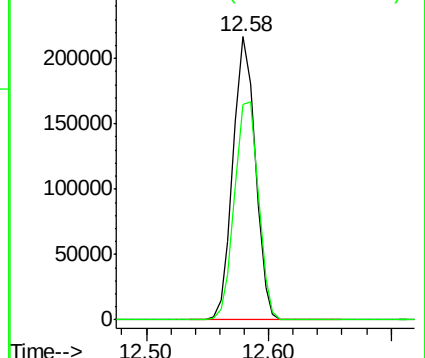
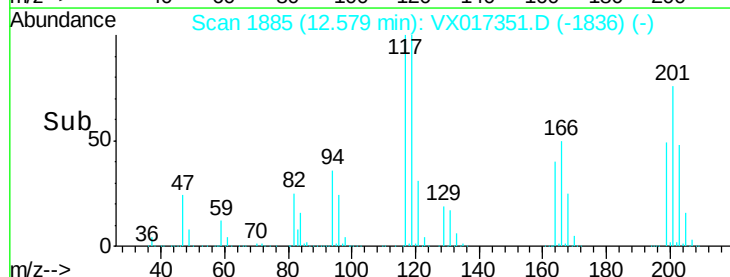
117 100

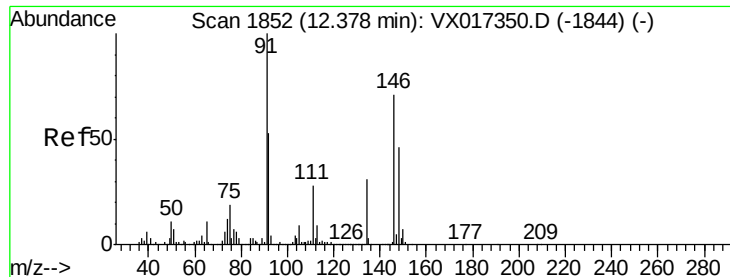
201 82.3 41.0 123.0



Abundance Ion 116.80 (116.50 to 117.50): VX017351.D (-1836) (-)

Ion 200.70 (200.40 to 201.40): VX017351.D (-1836) (-)





#91

1,2-Dichlorobenzene

Concen: 97.858 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

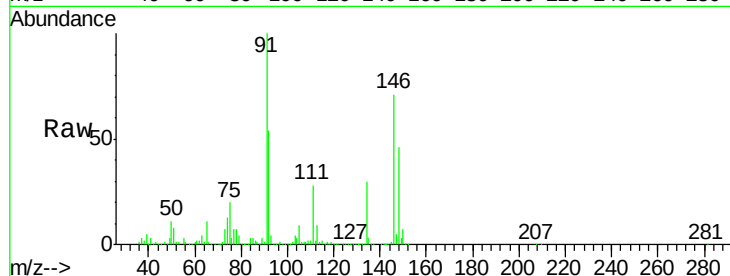
Tgt Ion:146 Resp: 711826

Ion Ratio Lower Upper

146 100

111 40.8 20.3 61.0

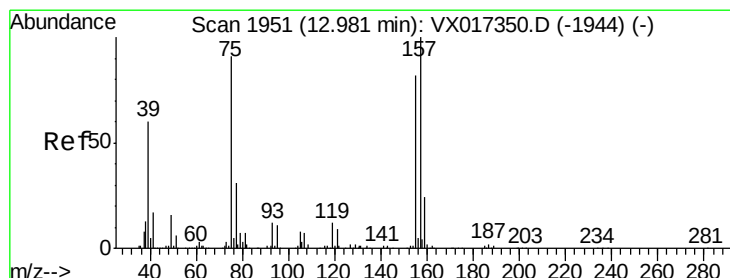
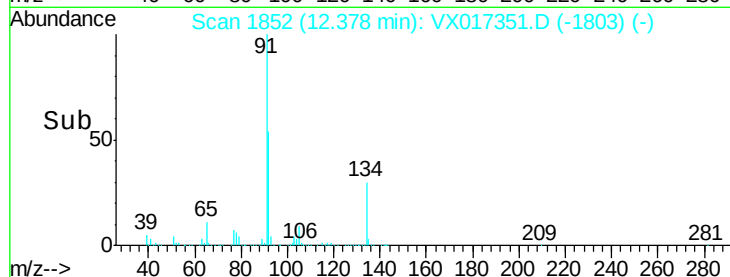
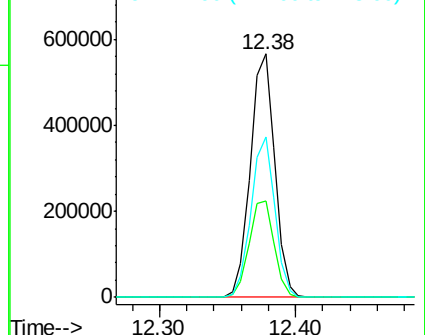
148 64.6 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 98.261 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

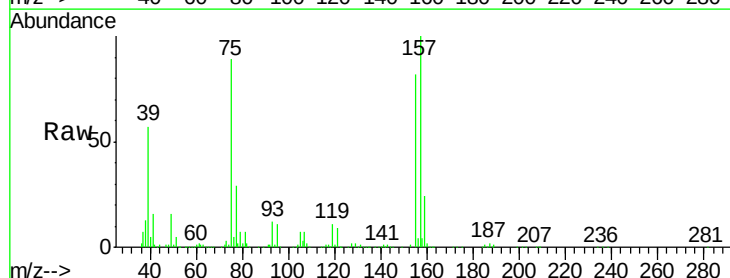
Tgt Ion: 75 Resp: 115253

Ion Ratio Lower Upper

75 100

155 96.8 46.5 139.3

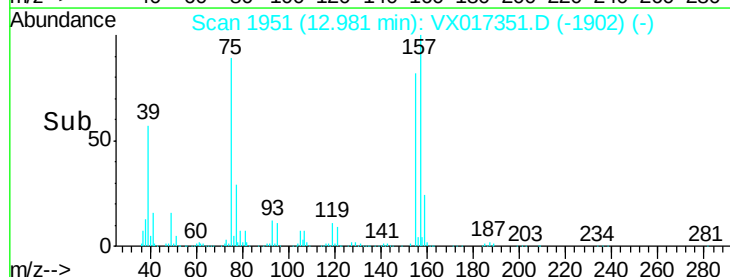
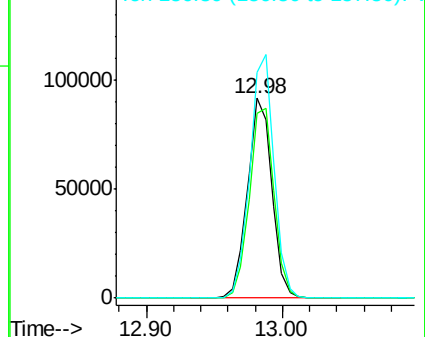
157 120.4 58.0 173.9

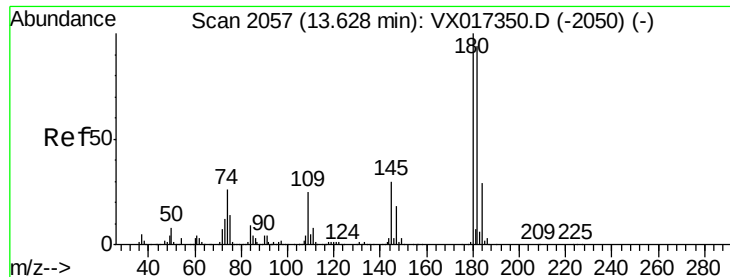


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 104.526 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

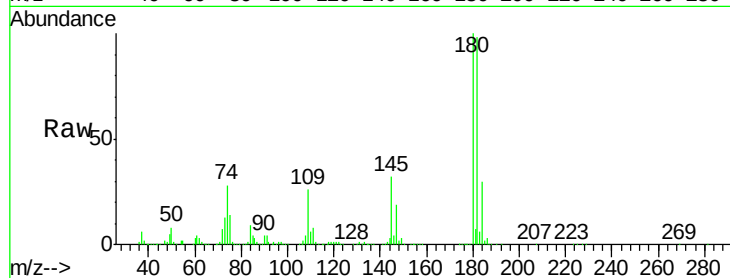
Tgt Ion:180 Resp: 521090

Ion Ratio Lower Upper

180 100

182 97.2 48.4 145.0

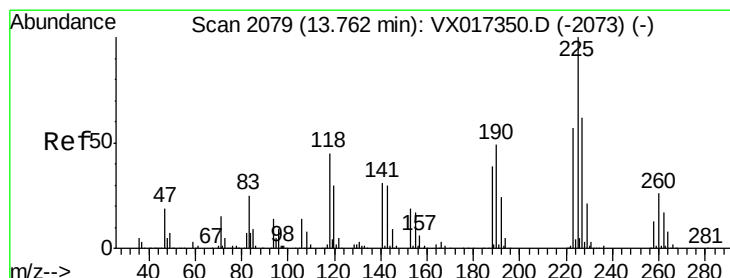
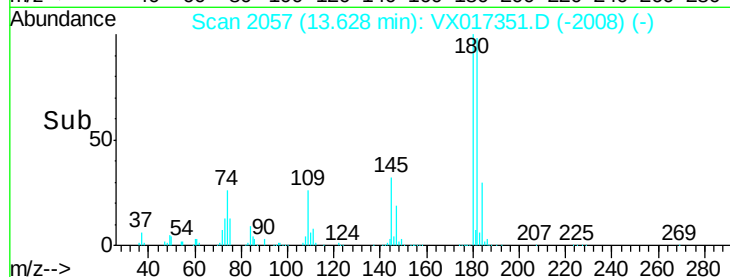
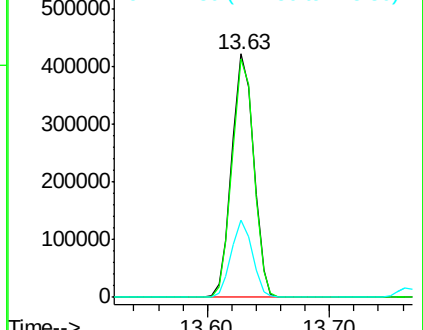
145 30.7 15.3 45.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 102.195 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX017351.D

Acq: 13 Jul 2020 11:46

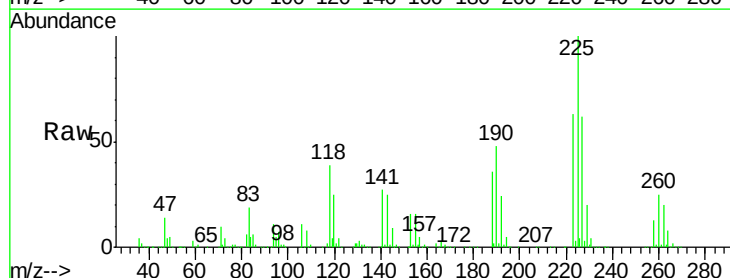
Tgt Ion:225 Resp: 208356

Ion Ratio Lower Upper

225 100

223 65.3 31.3 93.8

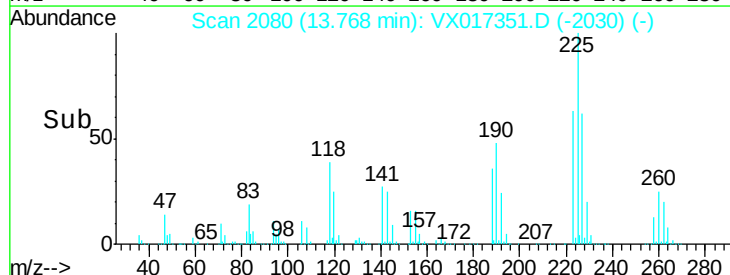
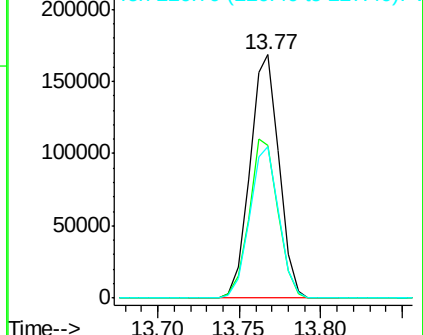
227 62.5 31.6 95.0

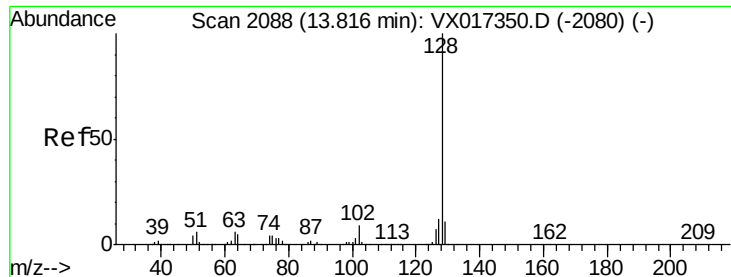


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

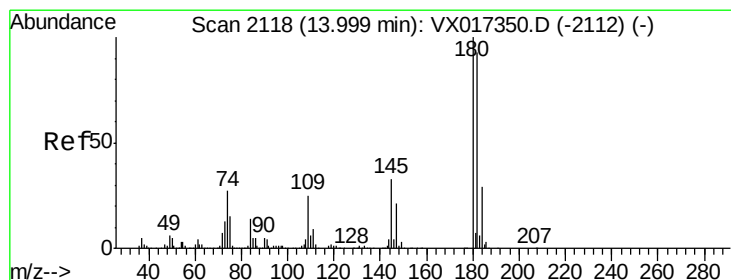
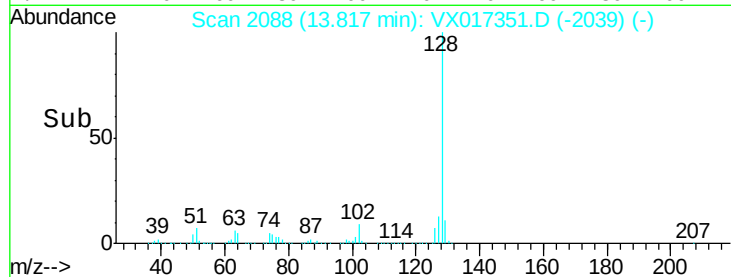
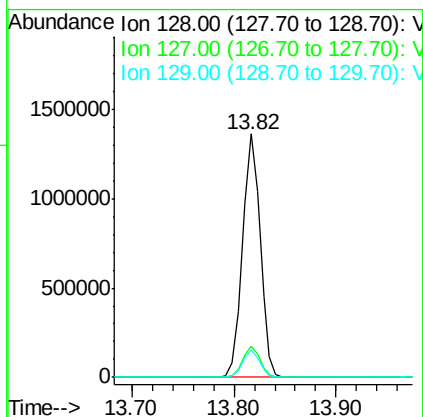
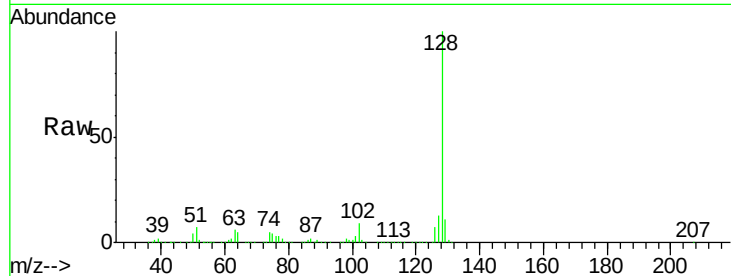




#95
Naphthalene
Concen: 108.311 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 1624021
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 106.176 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX017351.D
Acq: 13 Jul 2020 11:46

Tgt Ion:180 Resp: 511147
Ion Ratio Lower Upper
180 100
182 96.5 48.8 146.3
145 32.6 16.6 49.7

