

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX071320\
 Data File : VX017347.D
 Acq On : 13 Jul 2020 09:53
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jul 13 12:02:26 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	5.62	168	356436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	538350	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	488048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	251104	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	10878	2.45	ug/l	0.00
Spiked Amount			Recovery	=	4.90%	
35) Dibromofluoromethane	5.46	113	7456	2.16	ug/l	0.00
Spiked Amount			Recovery	=	4.32%	
50) Toluene-d8	8.70	98	22542	1.76	ug/l	0.00
Spiked Amount			Recovery	=	3.52%	
62) 4-Bromofluorobenzene	11.12	95	7901	1.57	ug/l	0.00
Spiked Amount			Recovery	=	3.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	2402	0.702	ug/l	84
3) Chloromethane	1.31	50	3198	0.787	ug/l	97
4) Vinyl Chloride	1.39	62	2715	0.710	ug/l	98
5) Bromomethane	1.64	94	2599	1.240	ug/l	85
6) Chloroethane	1.72	64	2155	0.946	ug/l	96
7) Trichlorofluoromethane	1.92	101	4904	0.847	ug/l	88
8) Diethyl Ether	2.17	74	1969	0.942	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2552	0.748	ug/l #	88
10) Methyl Iodide	2.49	142	2269	0.521	ug/l #	92
11) Tert butyl alcohol	3.01	59	3075	3.730	ug/l	99
12) 1,1-Dichloroethene	2.36	96	3037	0.872	ug/l #	58
13) Acrolein	2.27	56	2097	4.286	ug/l	93
14) Allyl chloride	2.70	41	4139	0.647	ug/l	91
15) Acrylonitrile	3.11	53	7503	3.770	ug/l	96
16) Acetone	2.42	43	7202	4.412	ug/l #	87
17) Carbon Disulfide	2.55	76	9048	0.847	ug/l #	92
18) Methyl Acetate	2.75	43	3771	0.893	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	8616	0.734	ug/l #	91
20) Methylene Chloride	2.83	84	4203	1.014	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	3067	0.789	ug/l	95
22) Diisopropyl ether	3.82	45	8063	0.681	ug/l #	93
23) Vinyl Acetate	3.78	43	33992	3.328	ug/l	100
24) 1,1-Dichloroethane	3.67	63	5307	0.784	ug/l	96
25) 2-Butanone	4.64	43	9378	3.472	ug/l #	88
26) 2,2-Dichloropropane	4.54	77	5415	0.891	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	3552	0.811	ug/l	89
28) Bromochloromethane	4.98	49	3116	0.950	ug/l #	95
29) Tetrahydrofuran	5.09	42	6546	3.684	ug/l	91
30) Chloroform	5.17	83	5518	0.789	ug/l	85
31) Cyclohexane	5.54	56	4180	0.722	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	5380	0.831	ug/l #	46
36) 1,1-Dichloropropene	5.76	75	4357	0.856	ug/l #	90
37) Ethyl Acetate	4.79	43	3584	0.698	ug/l #	90
38) Carbon Tetrachloride	5.75	117	5069	0.895	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	4536	0.805	ug/l	96
40) Benzene	6.11	78	12608	0.846	ug/l	96
41) Methacrylonitrile	5.00	41	2389	0.826	ug/l #	49
42) 1,2-Dichloroethane	6.16	62	4655	0.855	ug/l	99
43) Isopropyl Acetate	6.42	43	6559	0.768	ug/l	96
44) Trichloroethene	7.18	130	3837	0.848	ug/l	95
45) 1,2-Dichloropropane	7.48	63	3044	0.795	ug/l	94
46) Dibromomethane	7.63	93	2187	0.832	ug/l	94
47) Bromodichloromethane	7.87	83	4445	0.818	ug/l	97
48) Methyl methacrylate	7.74	41	3211	0.792	ug/l	90
49) 1,4-Dioxane	7.73	88	1037	11.390	ug/l #	76
51) 4-Methyl-2-Pentanone	8.62	43	16503	3.232	ug/l	98
52) Toluene	8.76	92	6924	0.740	ug/l	92
53) t-1,3-Dichloropropene	9.02	75	4588	0.766	ug/l #	87
54) cis-1,3-Dichloropropene	8.41	75	4809	0.751	ug/l	95
55) 1,1,2-Trichloroethane	9.19	97	3137	0.817	ug/l	97
56) Ethyl methacrylate	9.16	69	3506	0.644	ug/l #	80
57) 1,3-Dichloropropane	9.35	76	5004	0.773	ug/l	89
58) 2-Chloroethyl Vinyl ether	8.29	63	9025	3.318	ug/l	97
59) 2-Hexanone	9.47	43	11606	3.095	ug/l	95
60) Dibromochloromethane	9.56	129	3341	0.743	ug/l	97
61) 1,2-Dibromoethane	9.65	107	3165	0.766	ug/l	93
64) Tetrachloroethene	9.32	164	3841	0.961	ug/l	91
65) Chlorobenzene	10.12	112	8291	0.823	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	3235	0.827	ug/l #	63
67) Ethyl Benzene	10.23	91	12931	0.769	ug/l	97
68) m/p-Xylenes	10.34	106	9282	1.439	ug/l	95
69) o-Xylene	10.68	106	4860	0.789	ug/l	85
70) Styrene	10.70	104	7561	0.722	ug/l	95
71) Bromoform	10.84	173	2383	0.763	ug/l #	97
73) Isopropylbenzene	11.00	105	11101	0.678	ug/l	96
74) N-amyl acetate	10.88	43	4161	0.603	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.25	83	4141	0.809	ug/l	95
76) 1,2,3-Trichloropropane	11.28	75	4888	1.000	ug/l	89
77) Bromobenzene	11.24	156	3760	0.829	ug/l	96
78) n-propylbenzene	11.34	91	12645	0.682	ug/l	98
79) 2-Chlorotoluene	11.40	91	8234	0.734	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	9114	0.670	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	1576	0.837	ug/l #	89
82) 4-Chlorotoluene	11.49	91	9320	0.694	ug/l	98
83) tert-Butylbenzene	11.76	119	8901	0.666	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	8980	0.649	ug/l	93
85) sec-Butylbenzene	11.93	105	10502	0.669	ug/l	95
86) p-Isopropyltoluene	12.05	119	9901	0.679	ug/l	95
87) 1,3-Dichlorobenzene	12.01	146	6764	0.820	ug/l	99
88) 1,4-Dichlorobenzene	12.01	146	6764	0.803	ug/l	98
89) n-Butylbenzene	12.37	91	9307	0.717	ug/l	96
90) Hexachloroethane	12.58	117	2352	0.819	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	6074	0.792	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	934	0.755	ug/l	94

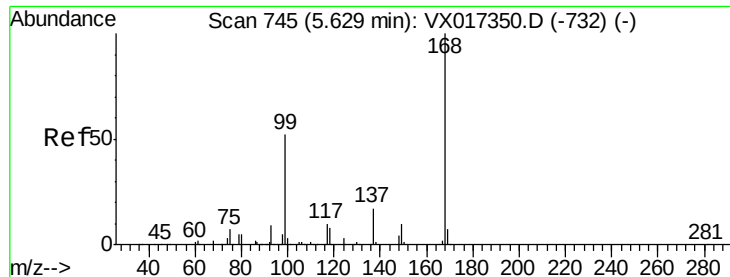
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071320\
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MSVOA_X
ClientSampleId :
VSTDICC001

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	4132	0.786	ug/l	96
94) Hexachlorobutadiene	13.76	225	1945	0.905	ug/l	92
95) Naphthalene	13.82	128	10711	0.677	ug/l	98
96) 1,2,3-Trichlorobenzene	14.00	180	3272	0.645	ug/l	89

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

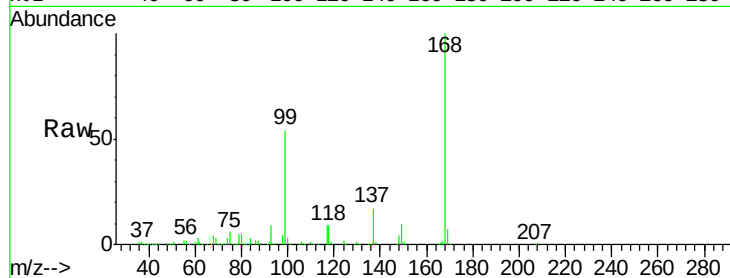
VSTDIC001

Tgt Ion:168 Resp: 356436

Ion Ratio Lower Upper

168 100

99 53.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

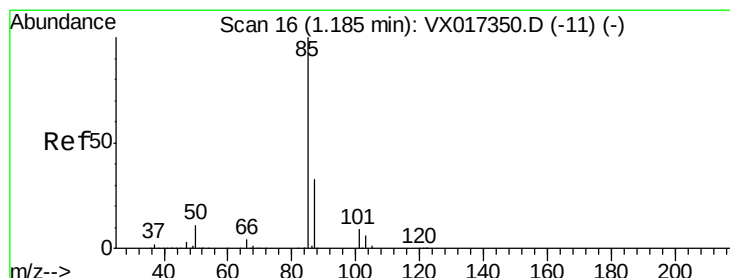
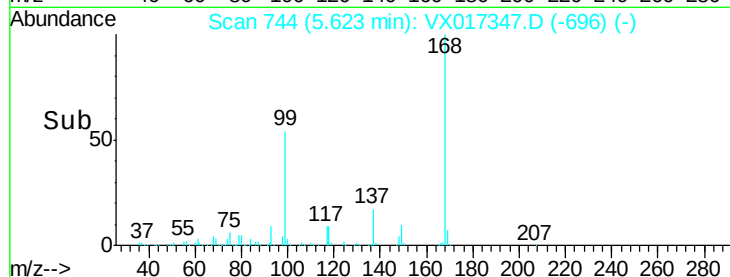
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.702 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017347.D

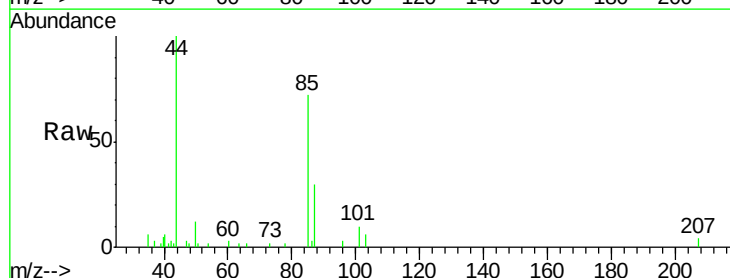
Acq: 13 Jul 2020 09:53

Tgt Ion: 85 Resp: 2402

Ion Ratio Lower Upper

85 100

87 41.3 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

2500

2000

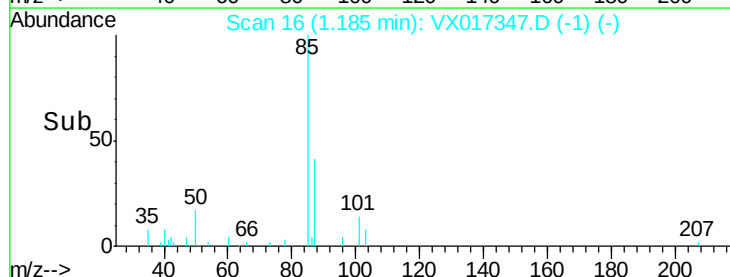
1500

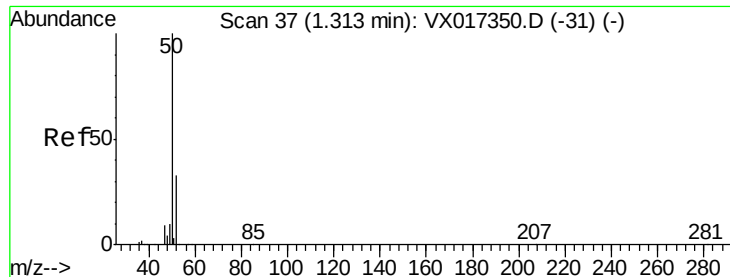
1000

500

0

Time-->

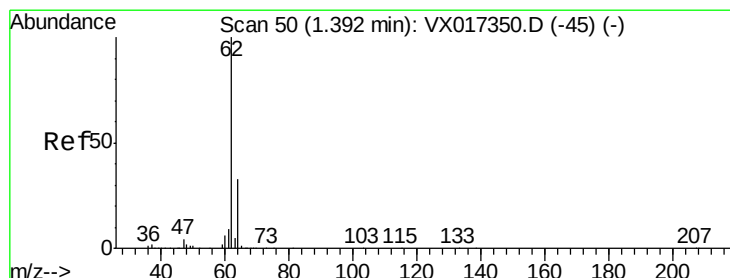
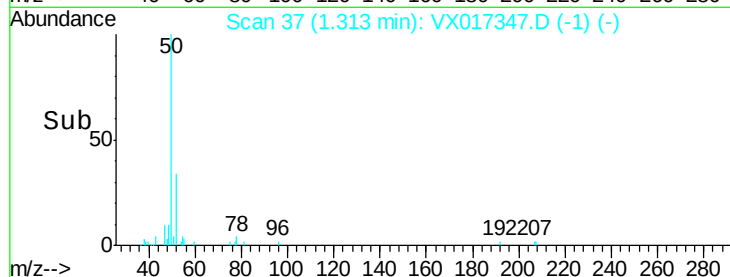
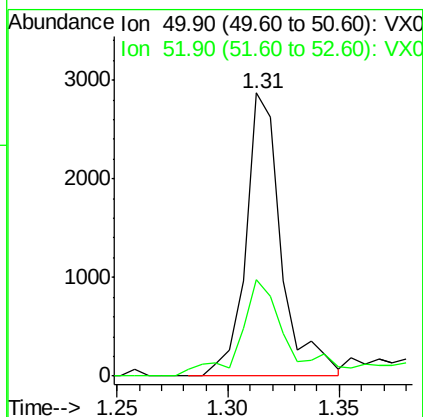
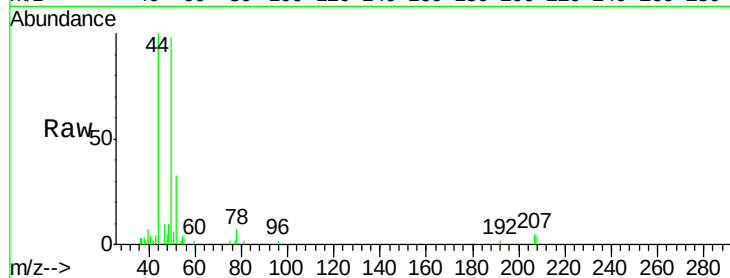




#3
Chloromethane
Concen: 0.787 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

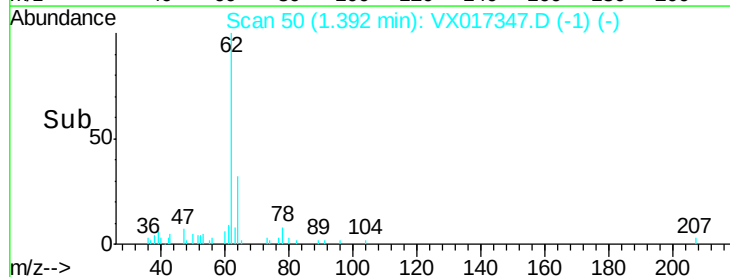
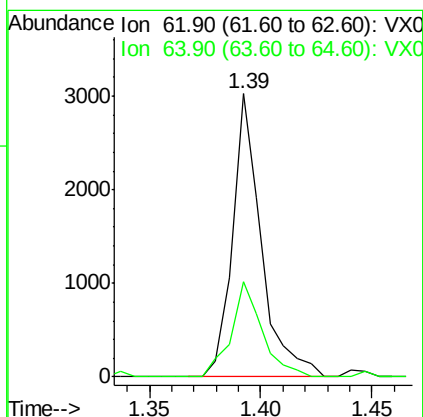
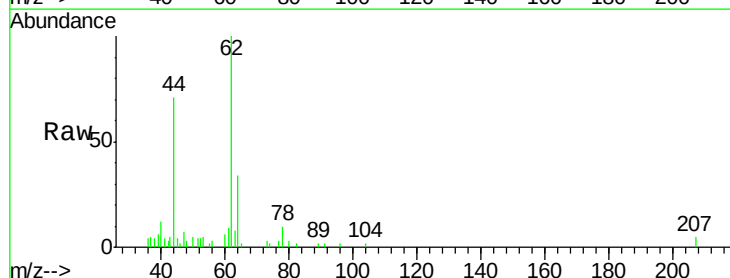
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

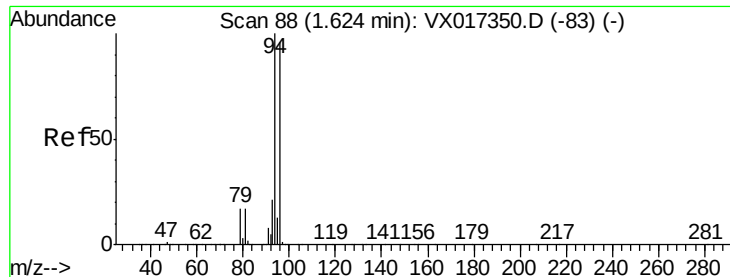
Tgt Ion: 50 Resp: 3198
Ion Ratio Lower Upper
50 100
52 31.8 26.7 40.1



#4
Vinyl Chloride
Concen: 0.710 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

Tgt Ion: 62 Resp: 2715
Ion Ratio Lower Upper
62 100
64 33.8 26.3 39.5





#5

Bromomethane

Concen: 1.240 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

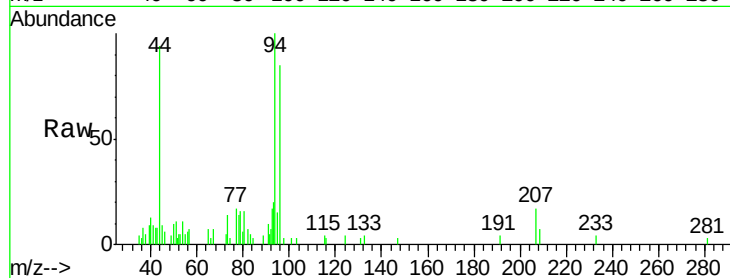
VSTDIC001

Tgt Ion: 94 Resp: 2599

Ion Ratio Lower Upper

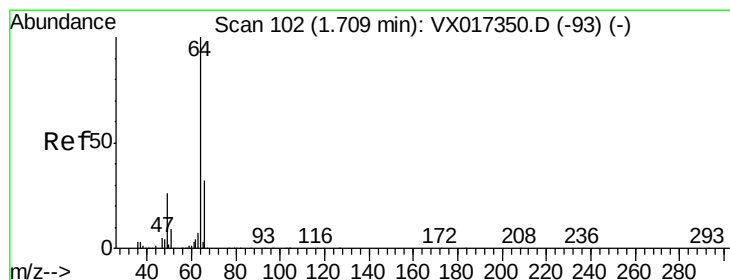
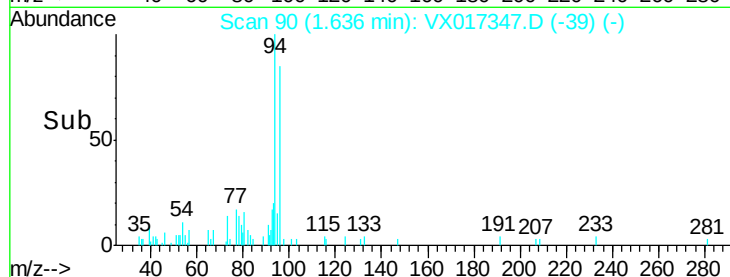
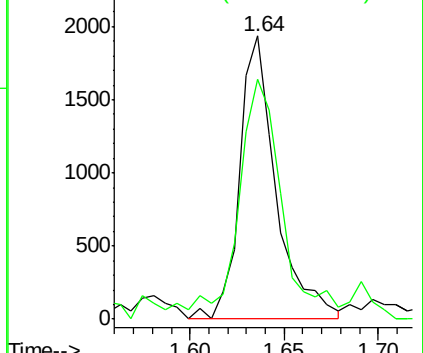
94 100

96 81.1 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.946 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017347.D

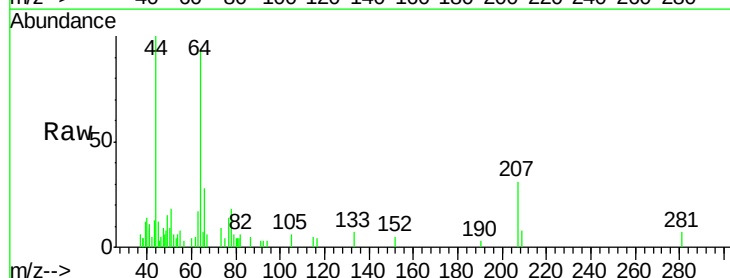
Acq: 13 Jul 2020 09:53

Tgt Ion: 64 Resp: 2155

Ion Ratio Lower Upper

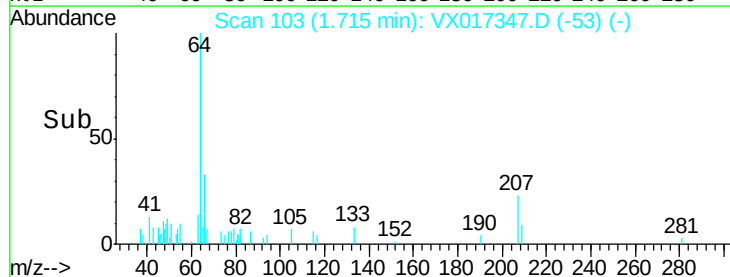
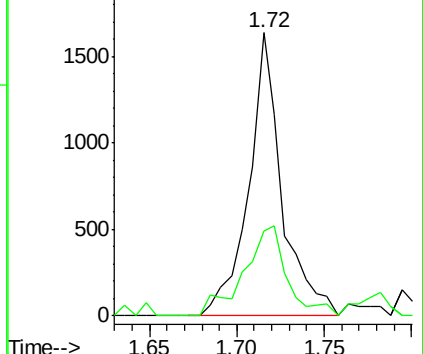
64 100

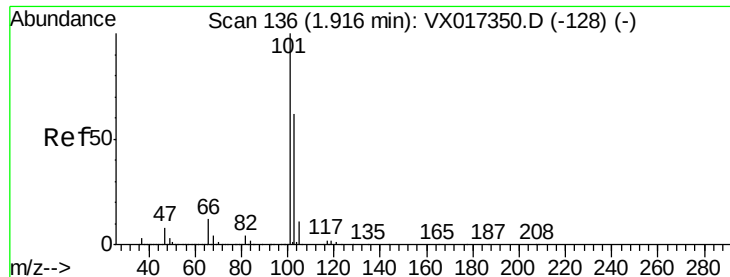
66 30.0 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



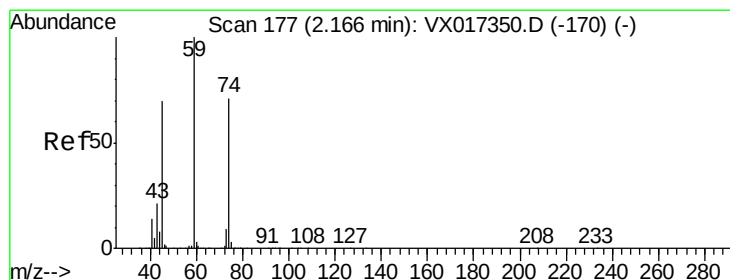
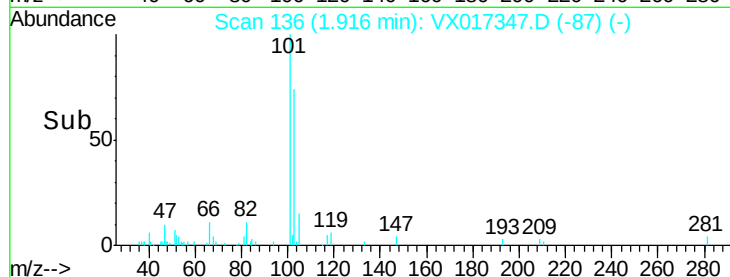
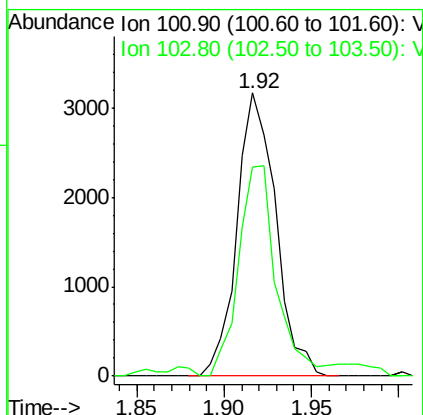
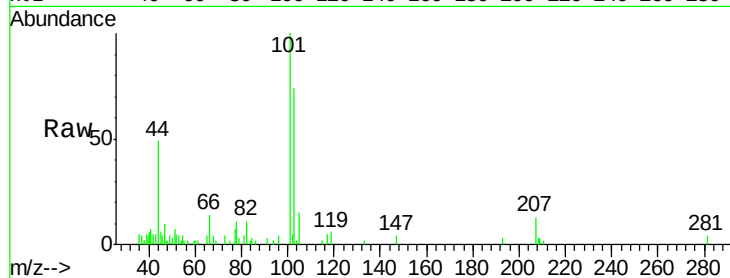


#7

Trichlorofluoromethane
Concen: 0.847 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

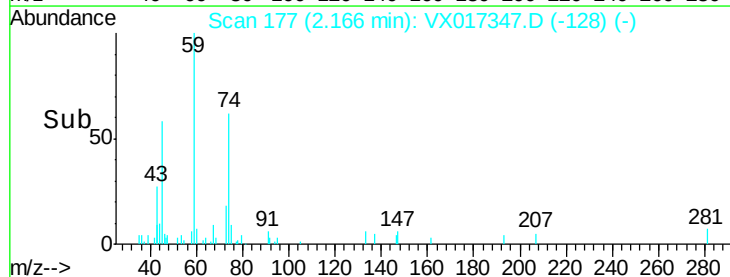
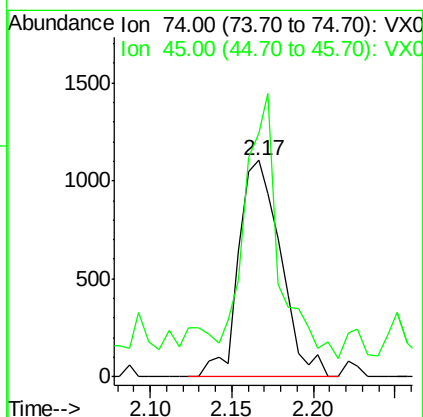
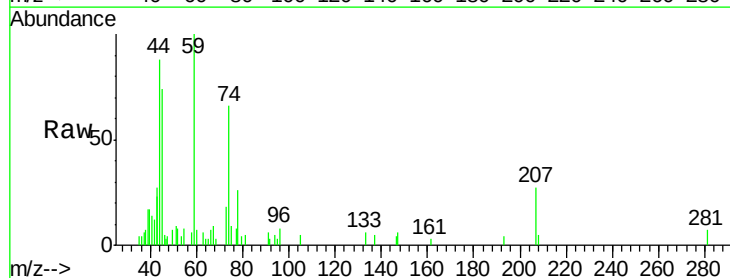
Tgt Ion: 101 Resp: 4904
Ion Ratio Lower Upper
101 100
103 70.9 49.6 74.4

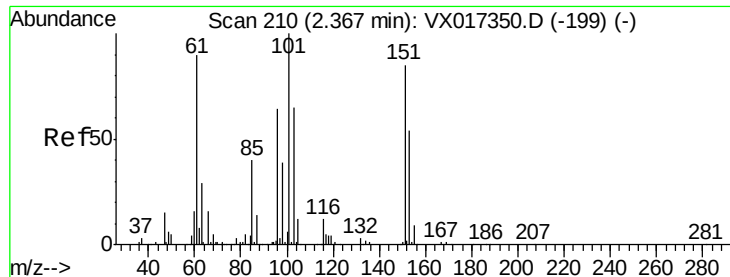


#8

Diethyl Ether
Concen: 0.942 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

Tgt Ion: 74 Resp: 1969
Ion Ratio Lower Upper
74 100
45 98.8 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.748 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

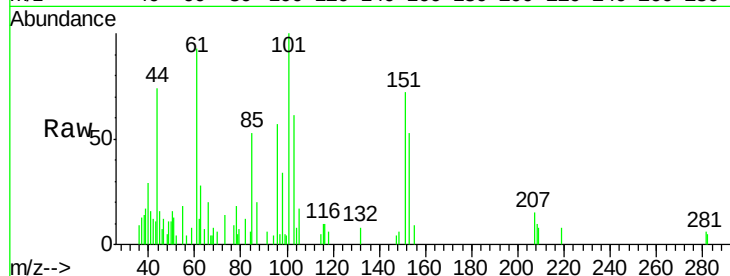
Tgt Ion:101 Resp: 2552

Ion Ratio Lower Upper

101 100

85 53.8 33.7 50.5#

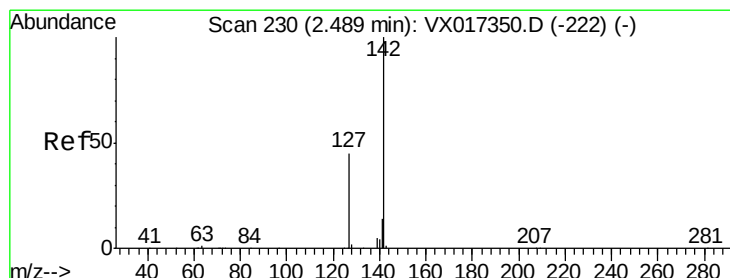
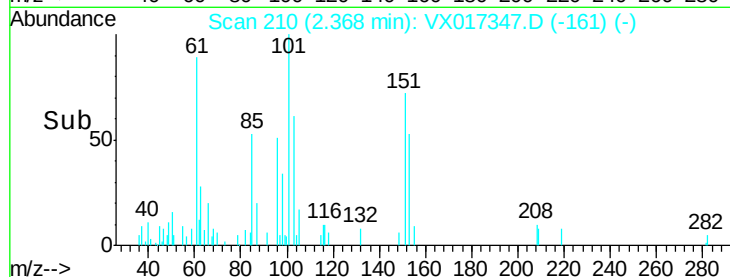
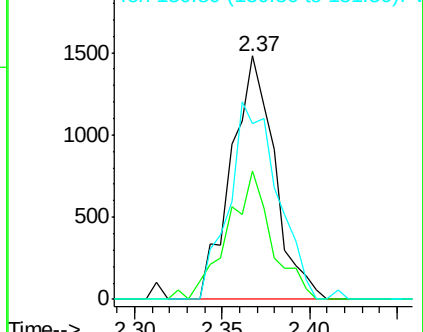
151 90.8 66.4 99.6



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: 0.521 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

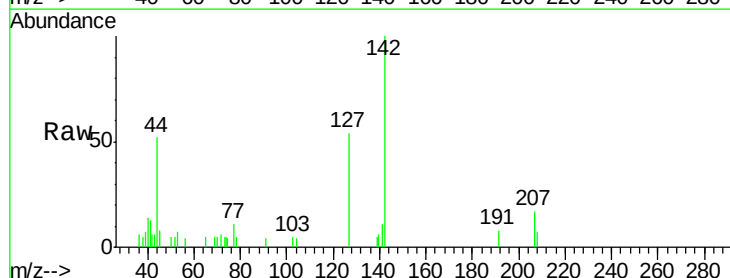
Tgt Ion:142 Resp: 2269

Ion Ratio Lower Upper

142 100

127 50.9 36.8 55.2

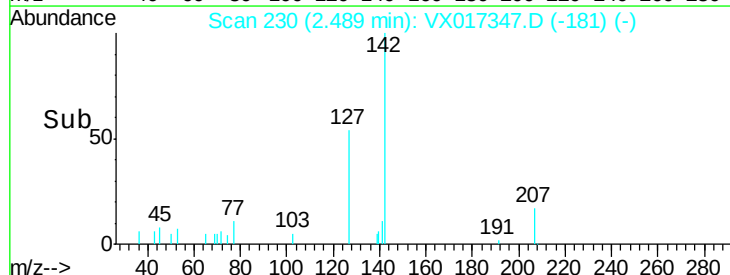
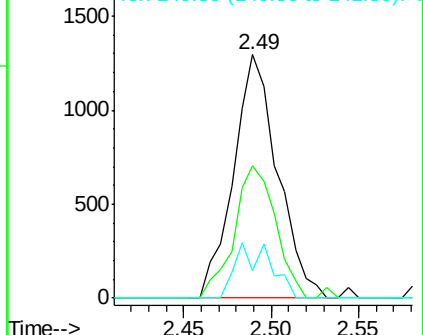
141 17.8 11.4 17.0#

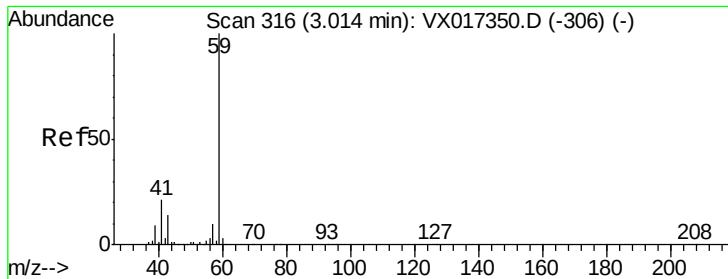


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



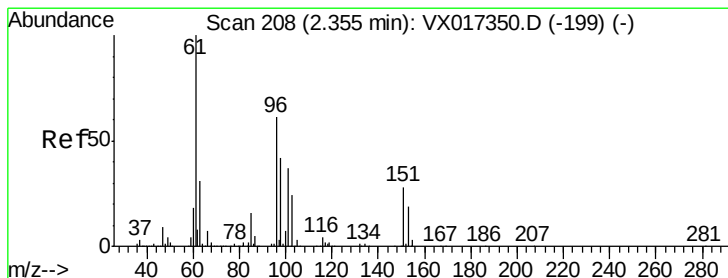
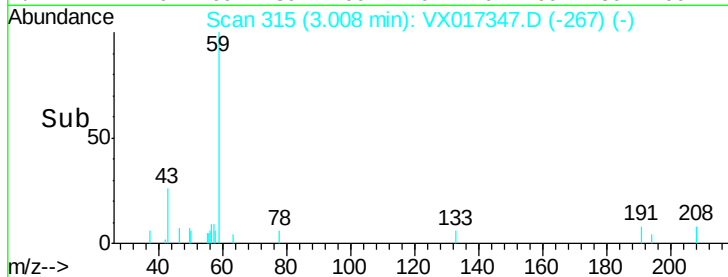
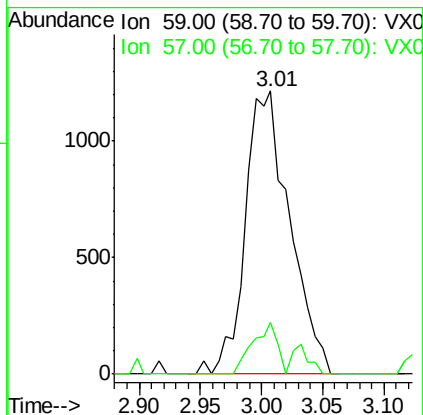
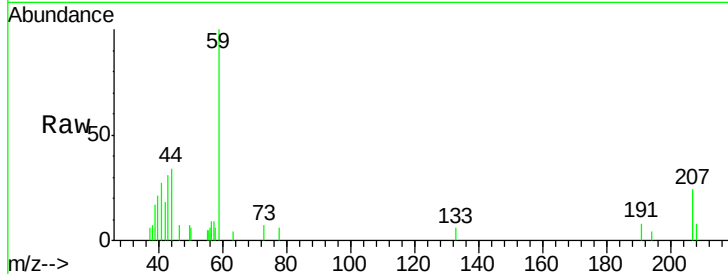


#11

Tert butyl alcohol
 Concen: 3.730 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

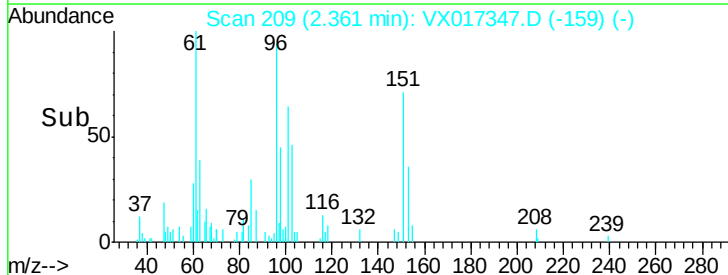
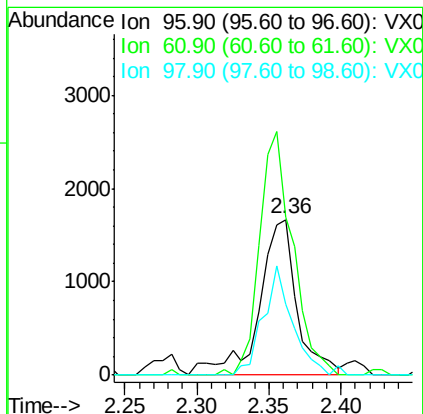
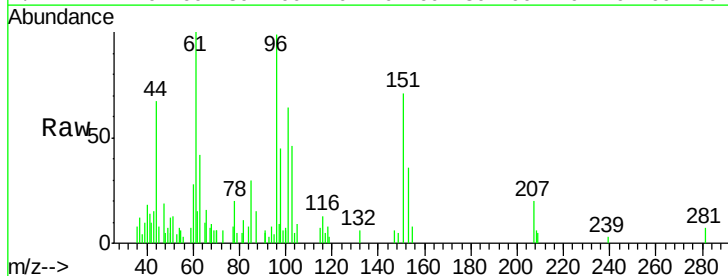
Tgt Ion: 59 Resp: 3075
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.3 12.5

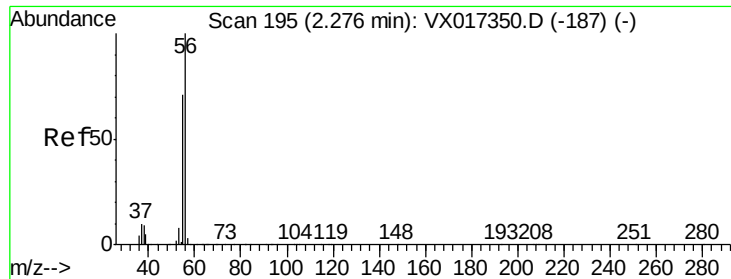


#12

1,1-Dichloroethene
 Concen: 0.872 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.01 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

Tgt Ion: 96 Resp: 3037
 Ion Ratio Lower Upper
 96 100
 61 101.2 131.5 197.3#
 98 45.2 55.1 82.7#





#13

Acrolein

Concen: 4.286 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

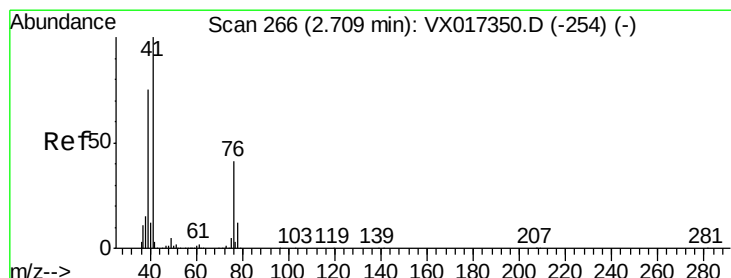
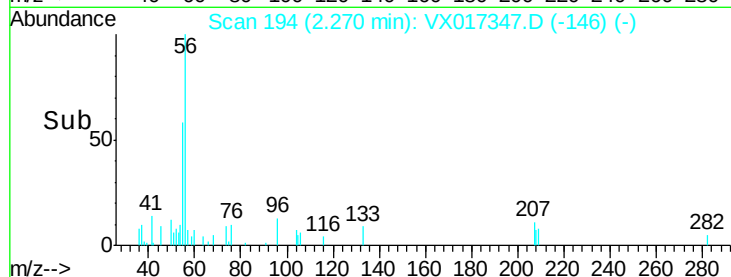
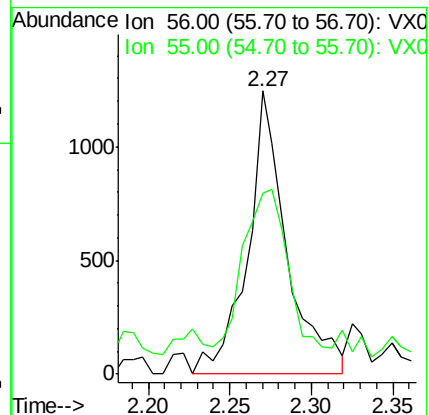
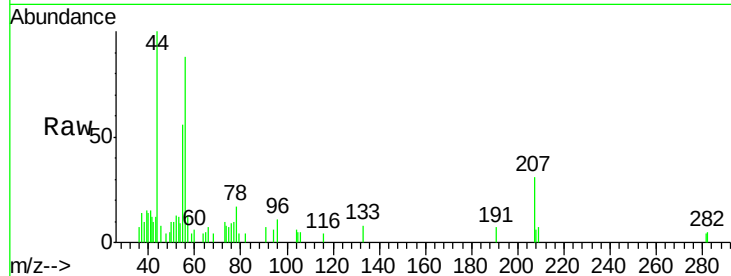
VSTDIC001

Tgt Ion: 56 Resp: 2097

Ion Ratio Lower Upper

56 100

55 65.7 57.1 85.7



#14

Allyl chloride

Concen: 0.647 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

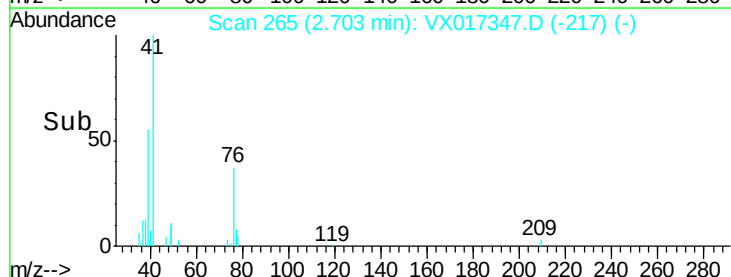
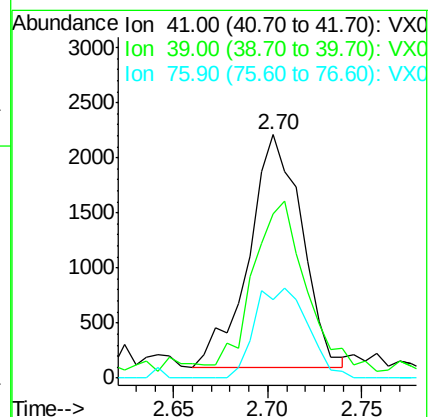
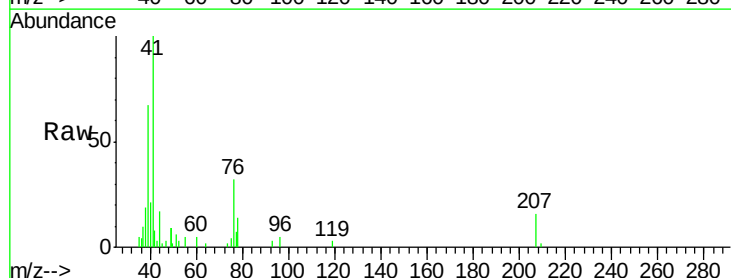
Tgt Ion: 41 Resp: 4139

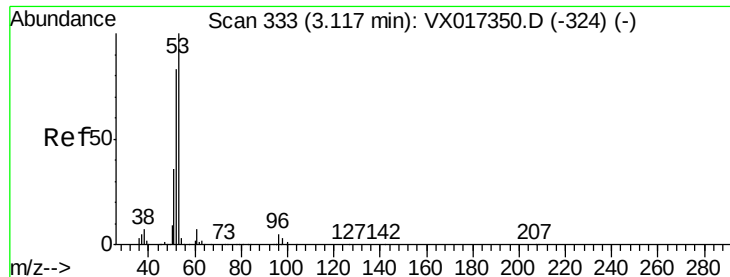
Ion Ratio Lower Upper

41 100

39 74.8 53.0 79.4

76 38.6 28.2 42.2





#15

Acrylonitrile

Concen: 3.770 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

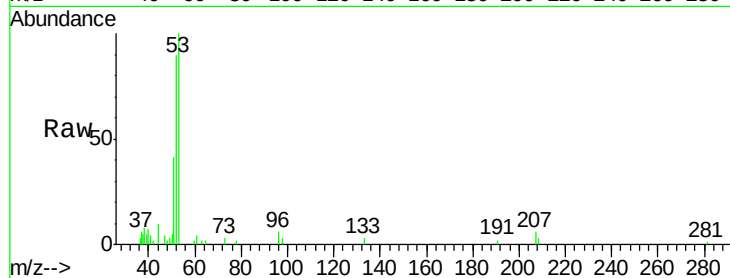
Tgt Ion: 53 Resp: 7503

Ion Ratio Lower Upper

53 100

52 83.6 65.8 98.6

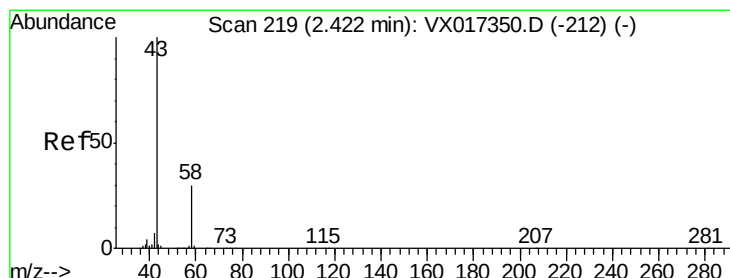
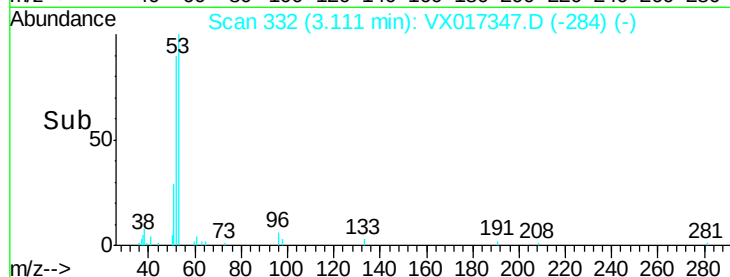
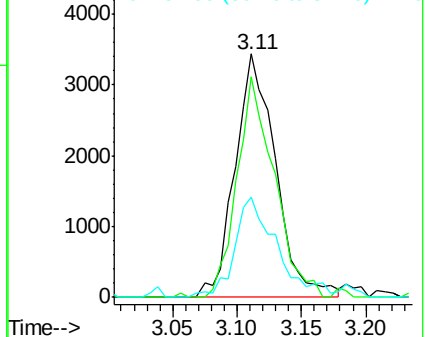
51 42.5 29.2 43.8



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: 4.412 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017347.D

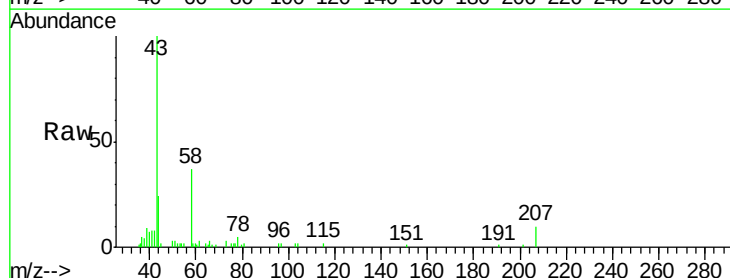
Acq: 13 Jul 2020 09:53

Tgt Ion: 43 Resp: 7202

Ion Ratio Lower Upper

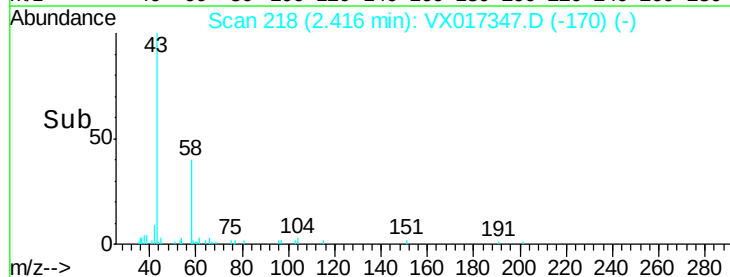
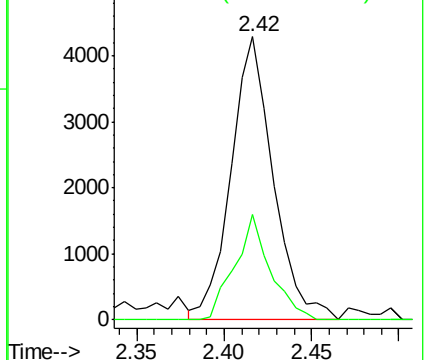
43 100

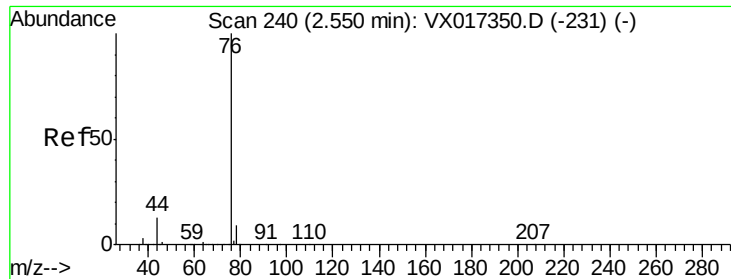
58 37.0 24.2 36.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

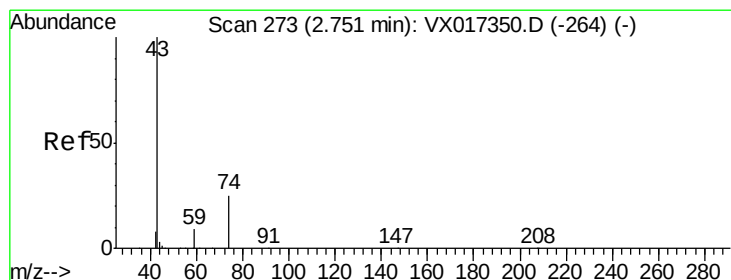
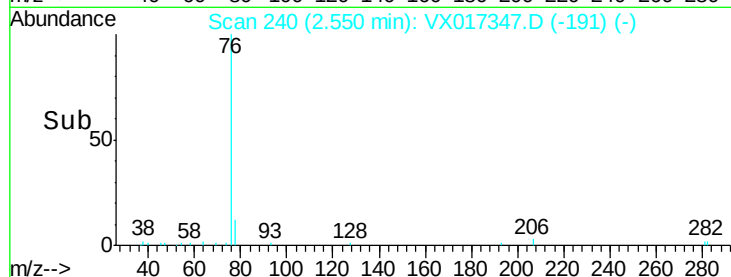
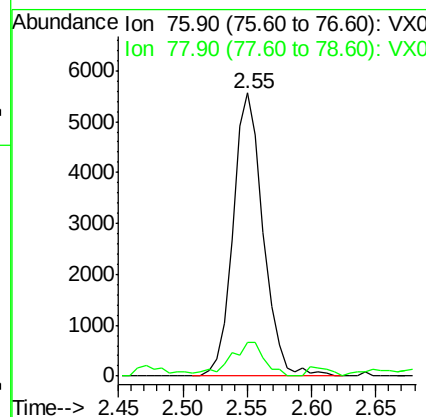
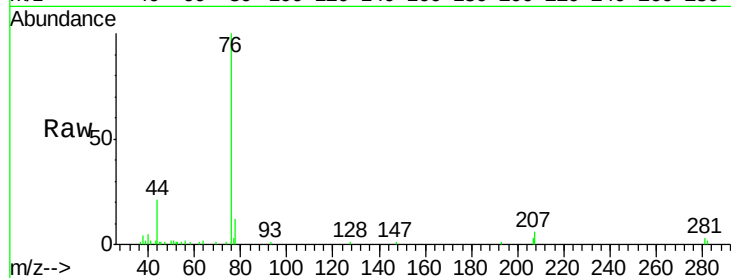




#17
Carbon Disulfide
Concen: 0.847 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

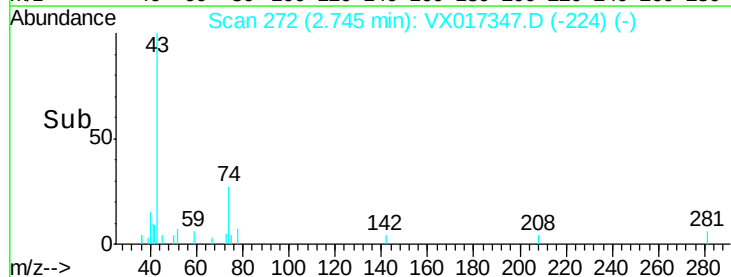
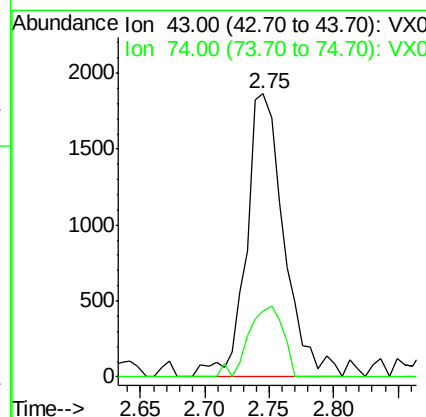
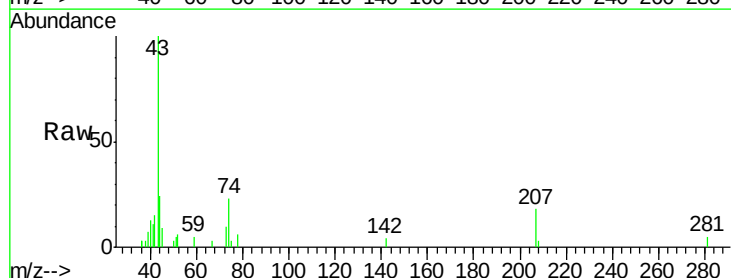
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

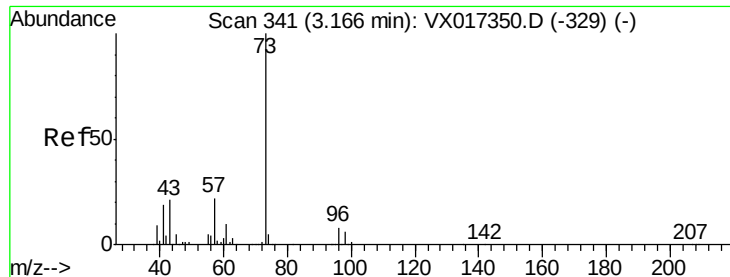
Tgt Ion: 76 Resp: 9048
Ion Ratio Lower Upper
76 100
78 11.9 7.3 10.9#



#18
Methyl Acetate
Concen: 0.893 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

Tgt Ion: 43 Resp: 3771
Ion Ratio Lower Upper
43 100
74 22.8 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 0.734 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

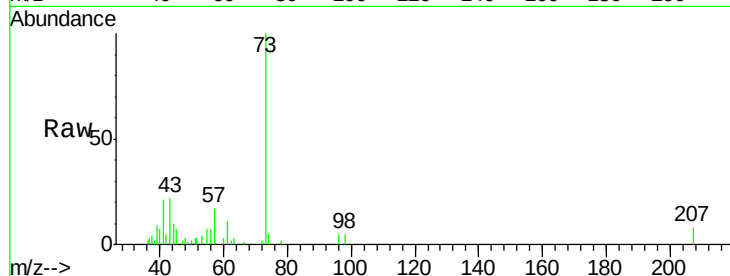
VSTDIC001

Tgt Ion: 73 Resp: 8616

Ion Ratio Lower Upper

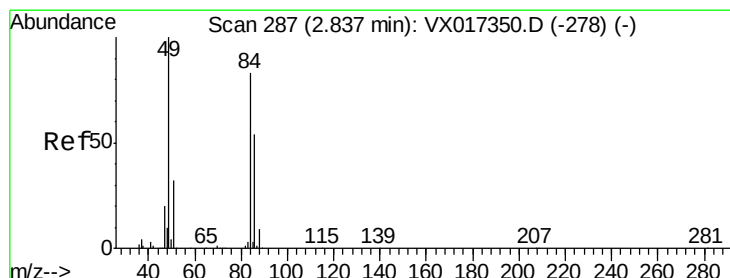
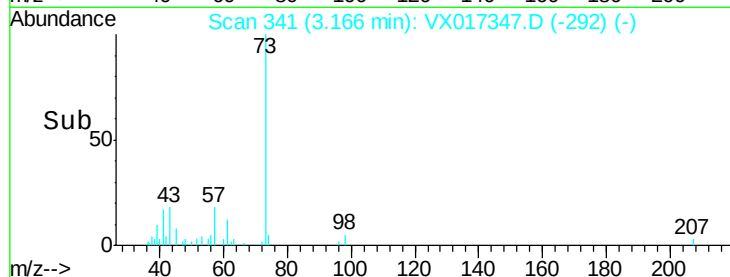
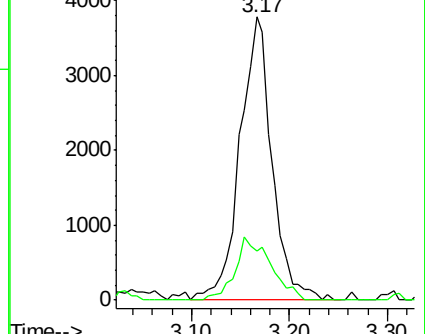
73 100

57 17.5 17.5 26.3#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 1.014 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Tgt Ion: 84 Resp: 4203

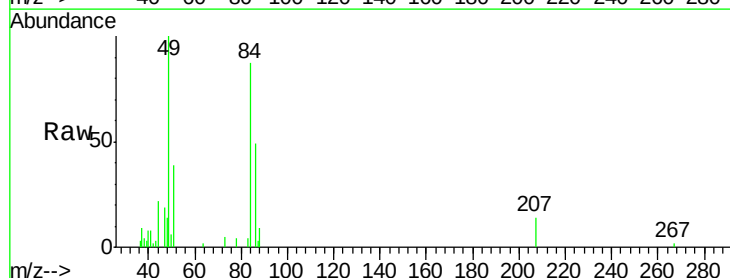
Ion Ratio Lower Upper

84 100

49 114.5 95.8 143.8

51 42.8 31.0 46.4

86 56.3 51.8 77.8

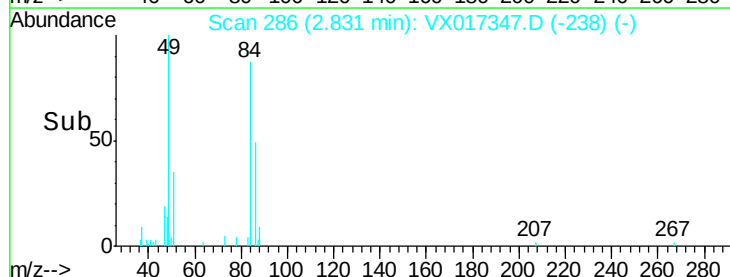
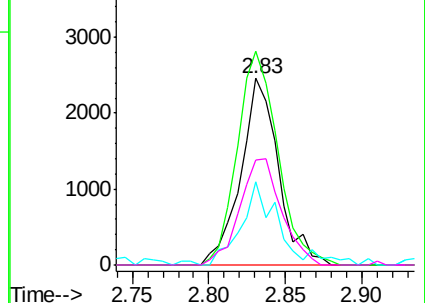


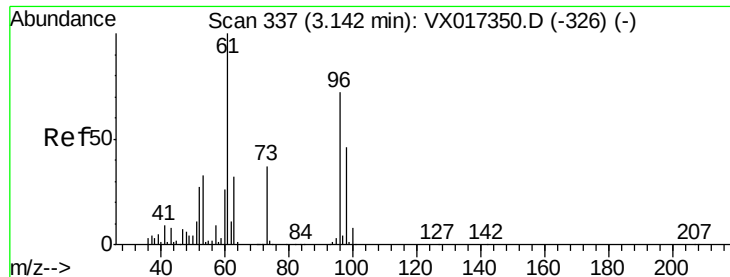
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.789 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

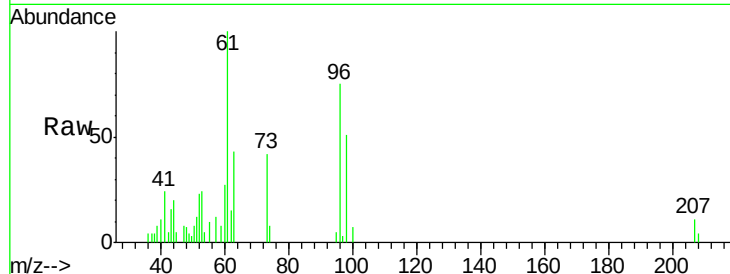
Tgt Ion: 96 Resp: 3067

Ion Ratio Lower Upper

96 100

61 133.0 111.1 166.7

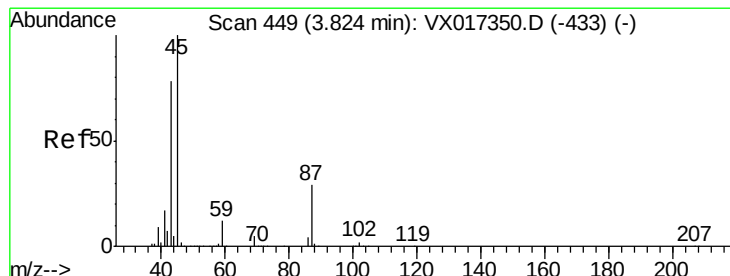
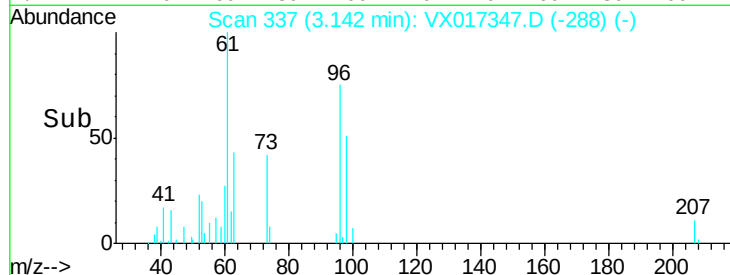
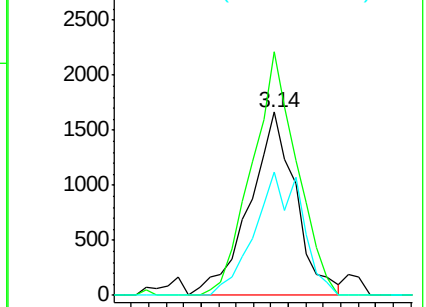
98 67.5 51.4 77.0



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: 0.681 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Tgt Ion: 45 Resp: 8063

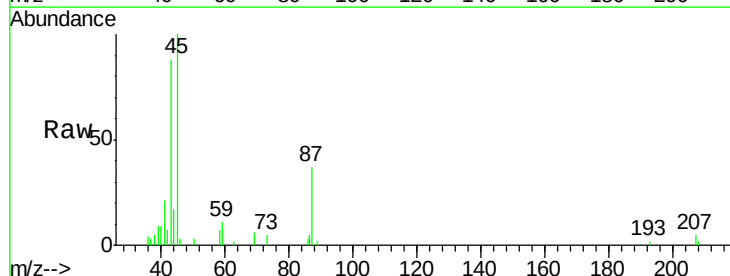
Ion Ratio Lower Upper

45 100

43 82.4 62.2 93.2

87 36.6 23.0 34.6#

59 10.7 9.6 14.4

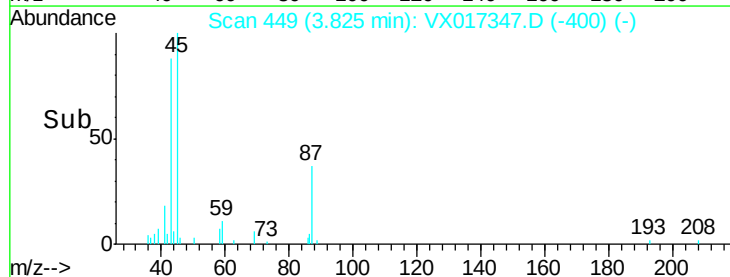
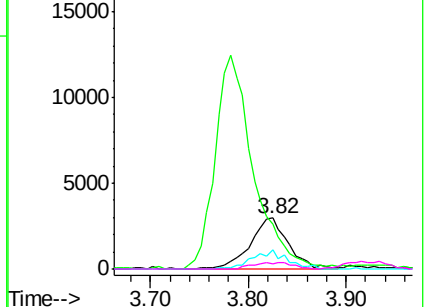


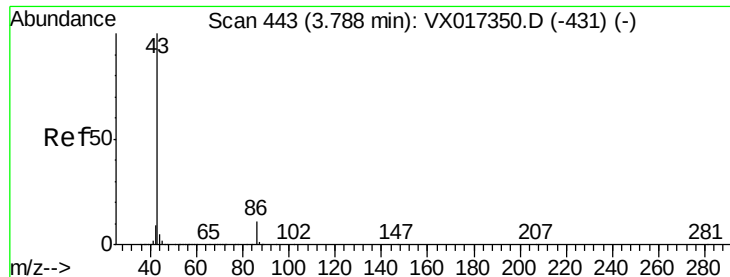
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 3.328 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

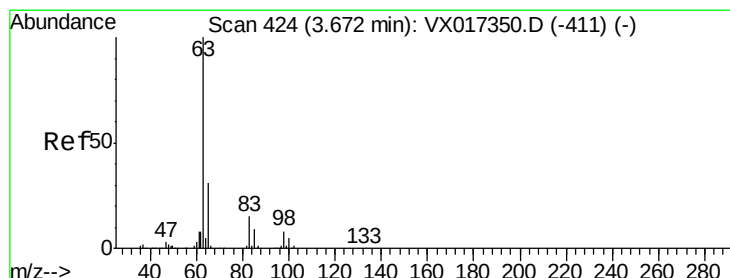
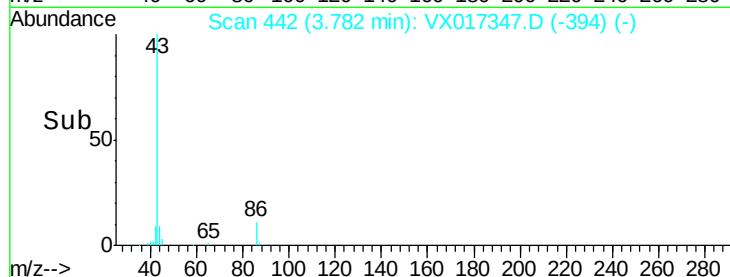
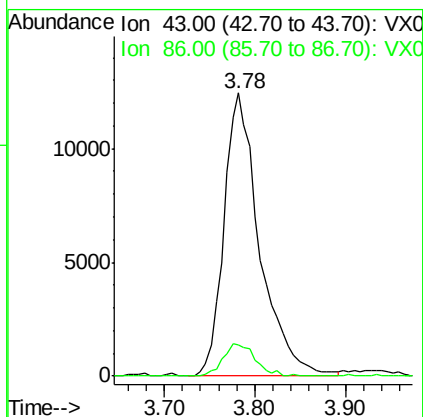
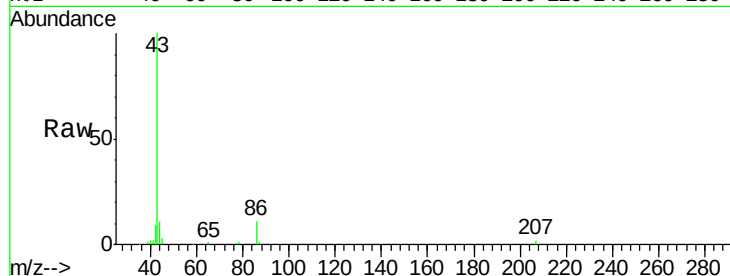
VSTDIC001

Tgt Ion: 43 Resp: 33992

Ion Ratio Lower Upper

43 100

86 11.1 9.0 13.4



#24

1,1-Dichloroethane

Concen: 0.784 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

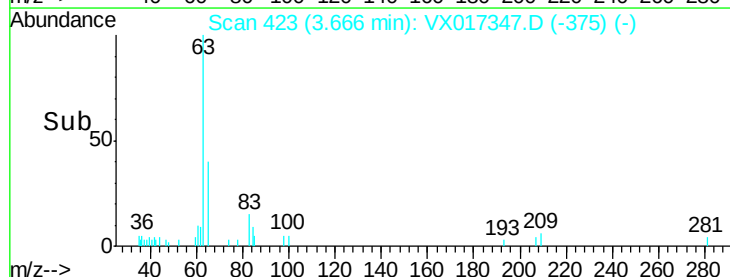
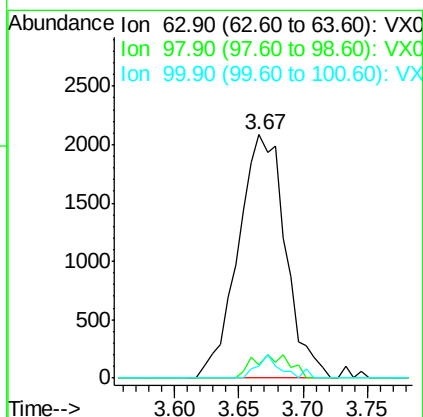
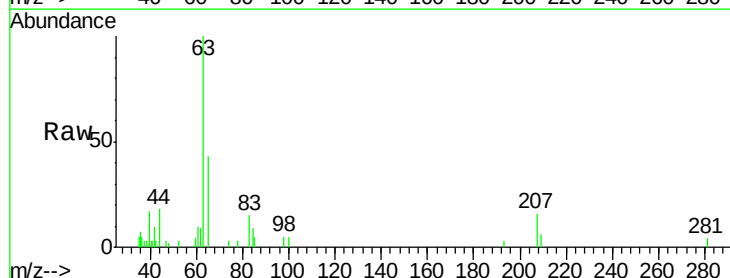
Tgt Ion: 63 Resp: 5307

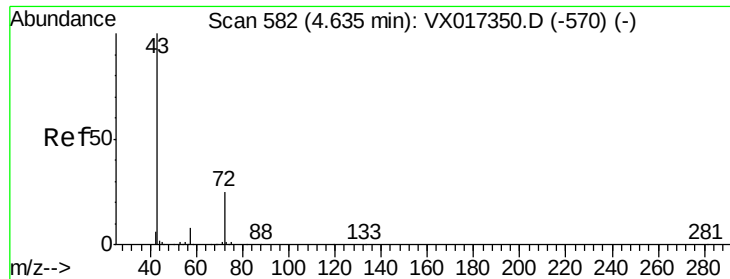
Ion Ratio Lower Upper

63 100

98 5.2 3.9 11.5

100 5.0 2.5 7.5





#25

2-Butanone

Concen: 3.472 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

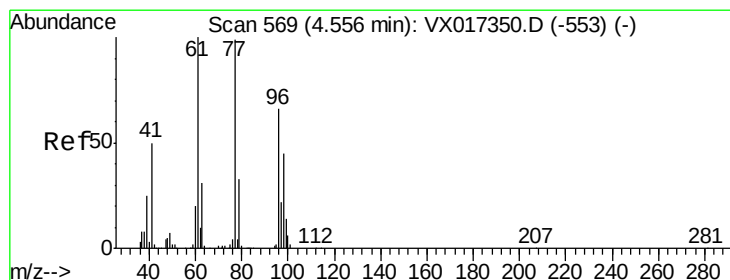
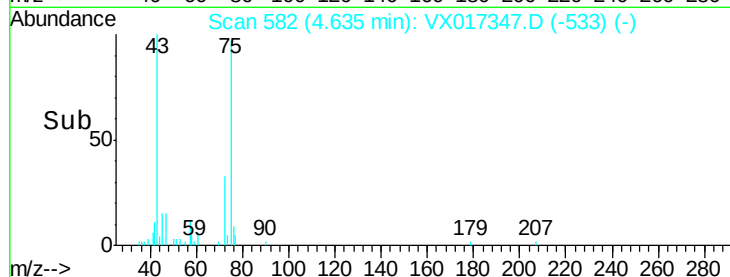
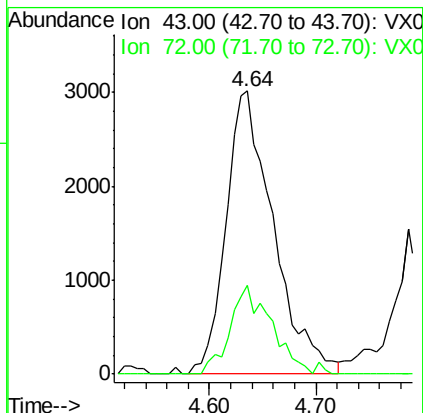
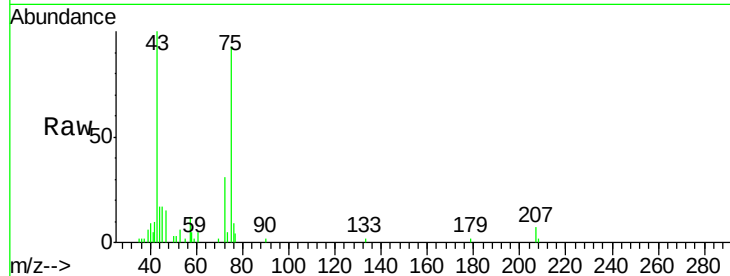
VSTDIC001

Tgt Ion: 43 Resp: 9378

Ion Ratio Lower Upper

43 100

72 31.4 20.4 30.6#



#26

2,2-Dichloropropane

Concen: 0.891 ug/l

RT: 4.54 min Scan# 566

Delta R.T. -0.02 min

Lab File: VX017347.D

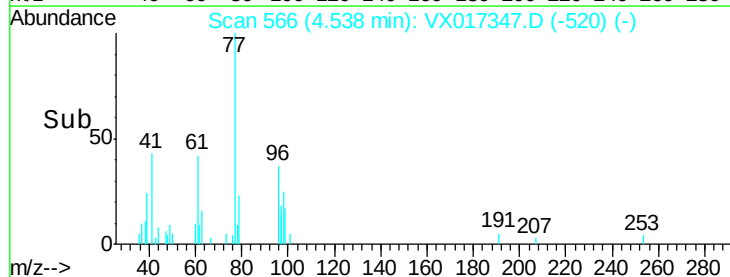
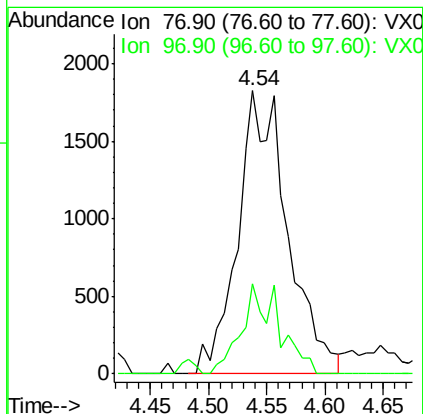
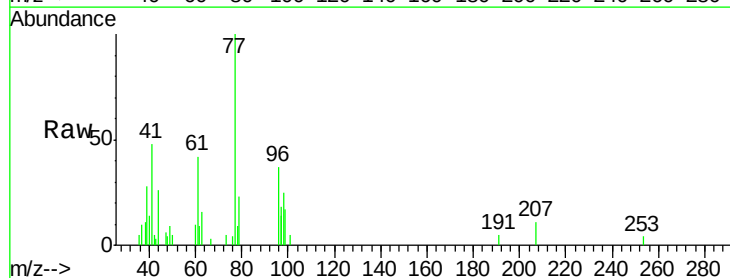
Acq: 13 Jul 2020 09:53

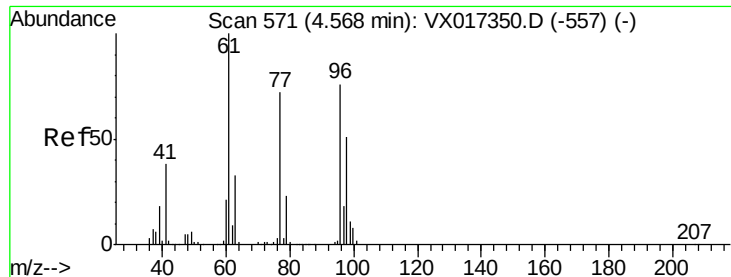
Tgt Ion: 77 Resp: 5415

Ion Ratio Lower Upper

77 100

97 24.2 11.1 33.3



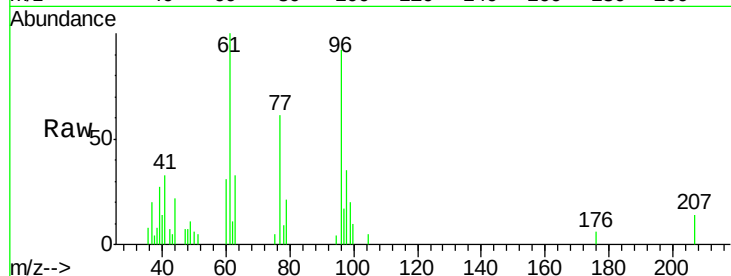


#27

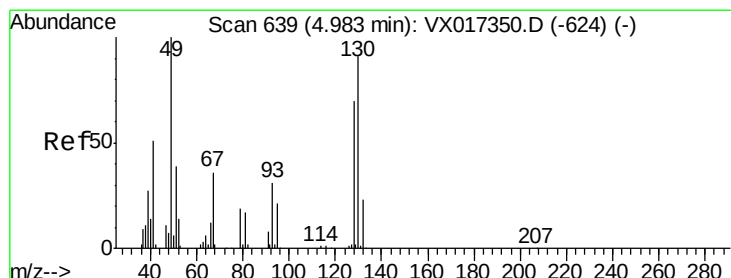
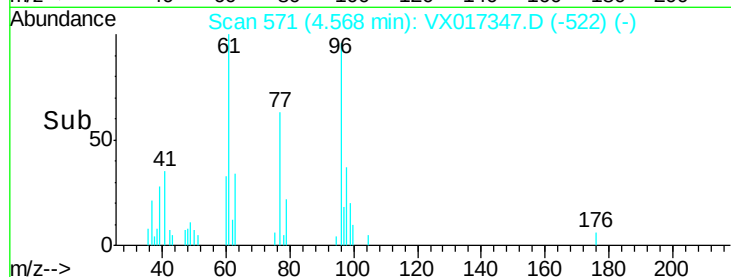
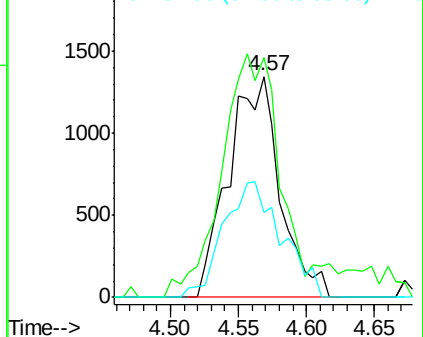
cis-1,2-Dichloroethene
Concen: 0.811 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 3552
Ion Ratio Lower Upper
96 100
61 125.6 0.0 281.2
98 58.9 0.0 131.4



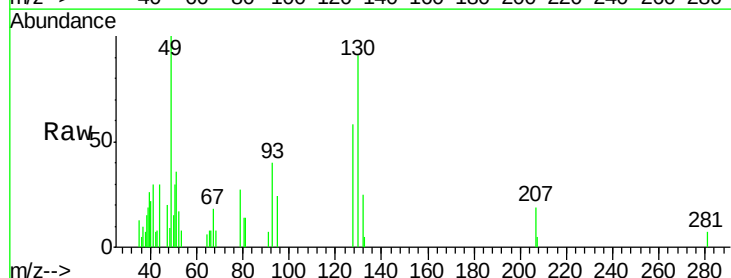
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



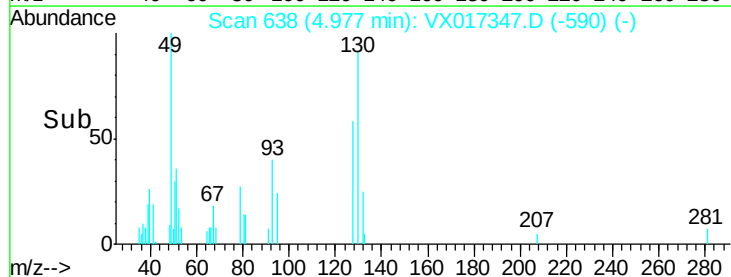
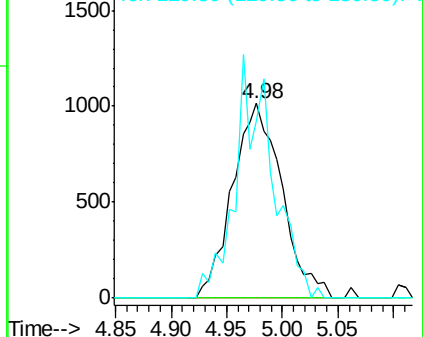
#28

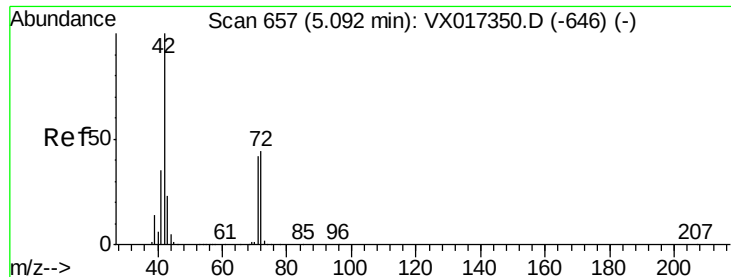
Bromochloromethane
Concen: 0.950 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

Tgt Ion: 49 Resp: 3116
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 93.4 71.1 106.7



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

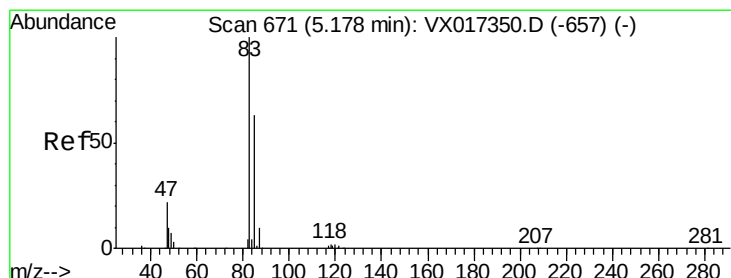
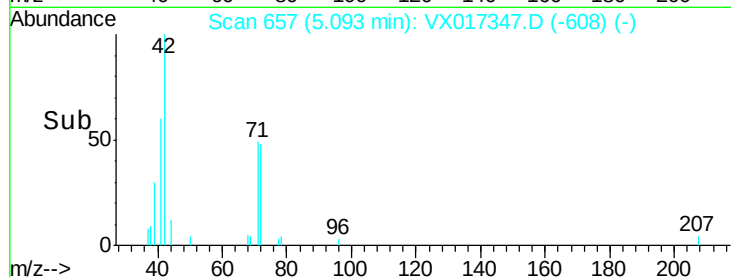
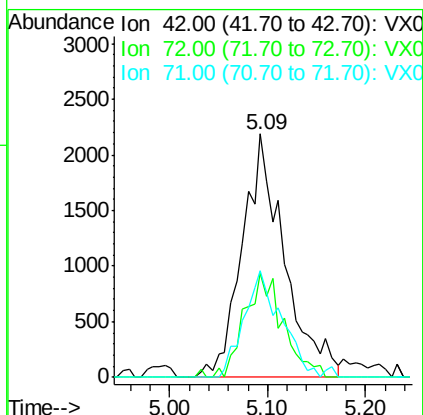
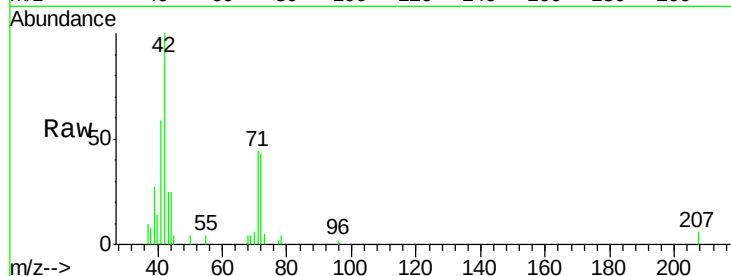




#29
Tetrahydrofuran
Concen: 3.684 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

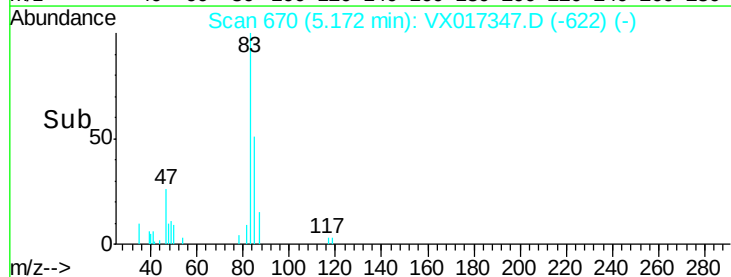
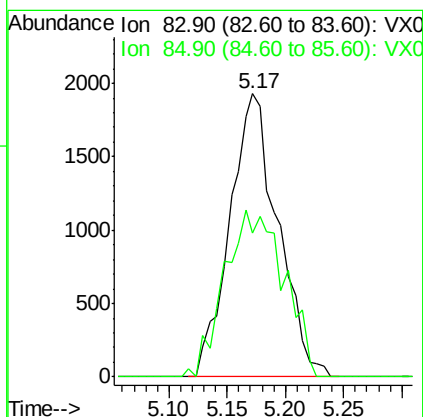
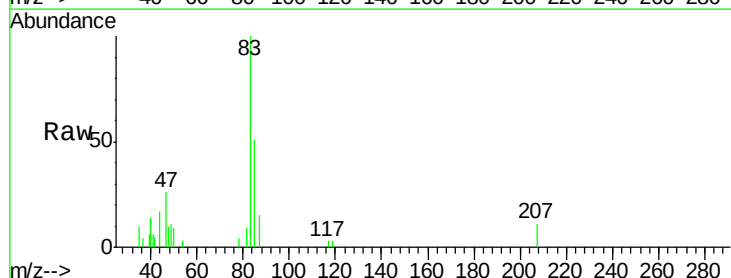
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

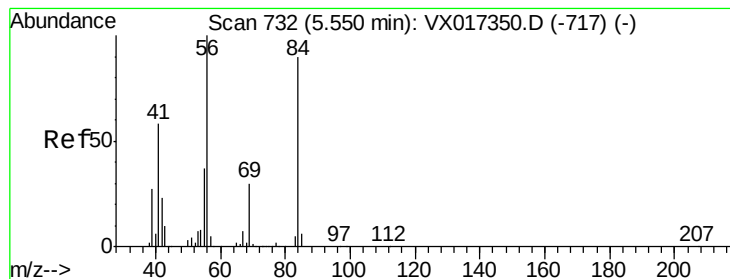
Tgt Ion: 42 Resp: 6546
Ion Ratio Lower Upper
42 100
72 39.0 37.2 55.8
71 38.8 34.4 51.6



#30
Chloroform
Concen: 0.789 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

Tgt Ion: 83 Resp: 5518
Ion Ratio Lower Upper
83 100
85 51.0 50.2 75.4





#31

Cyclohexane

Concen: 0.722 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

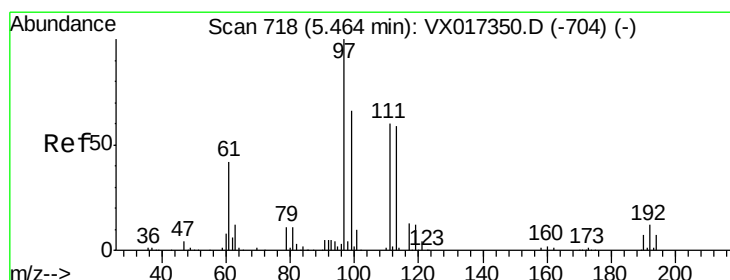
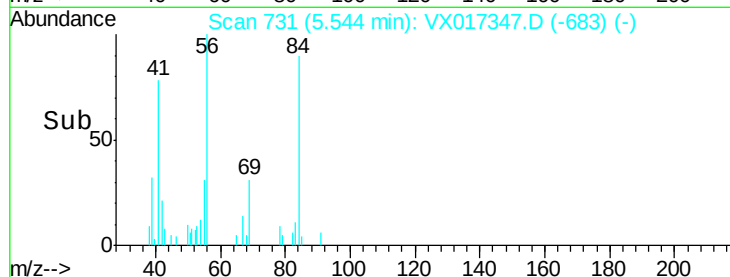
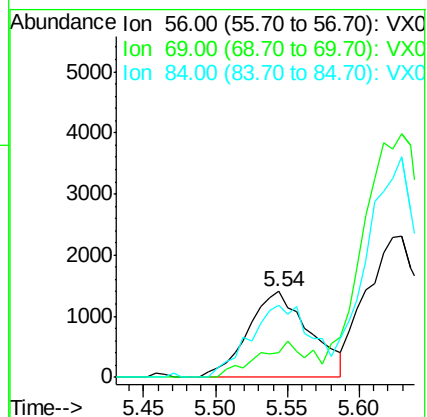
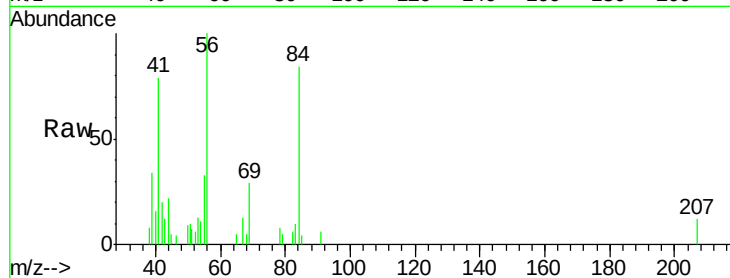
Tgt Ion: 56 Resp: 4180

Ion Ratio Lower Upper

56 100

69 28.8 23.7 35.5

84 84.4 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 0.831 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

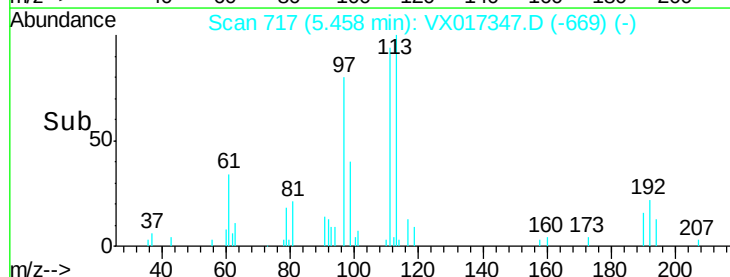
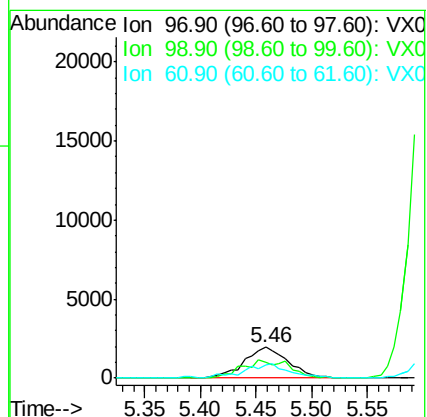
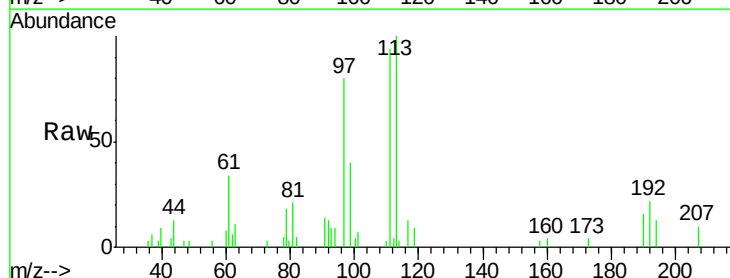
Tgt Ion: 97 Resp: 5380

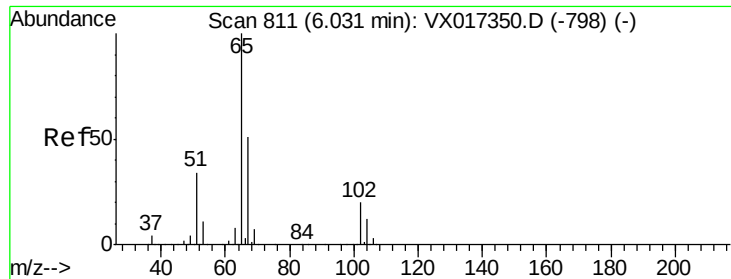
Ion Ratio Lower Upper

97 100

99 0.0 51.2 76.8#

61 48.2 32.7 49.1

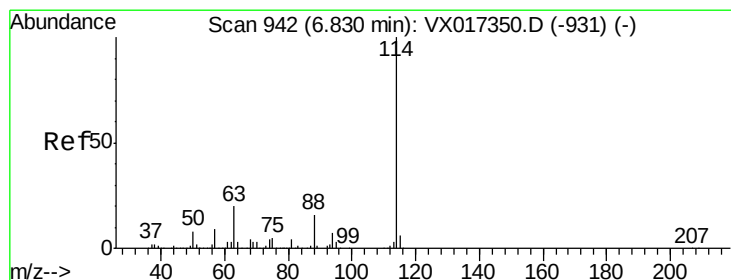
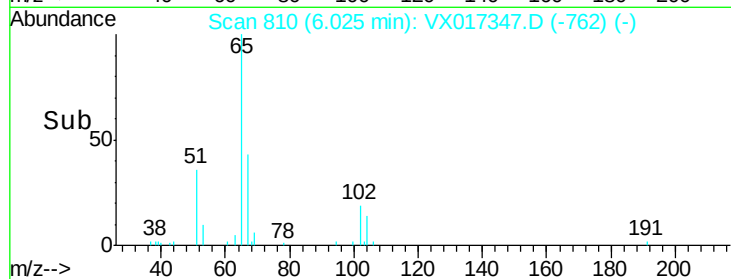
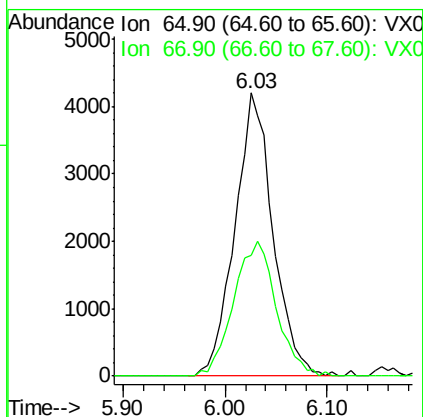
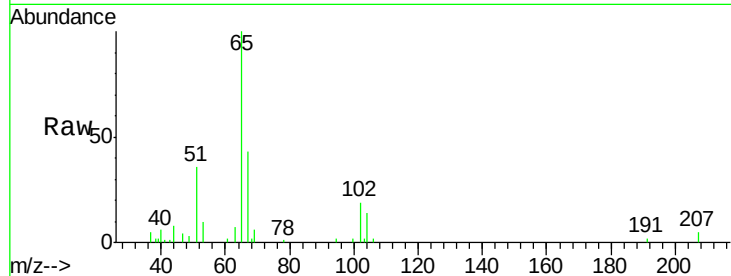




#33
 1,2-Dichloroethane-d4
 Concen: 2.452 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

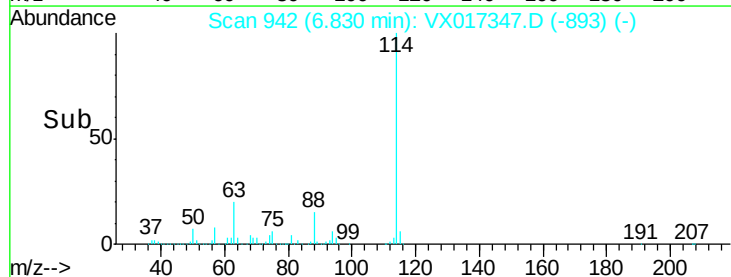
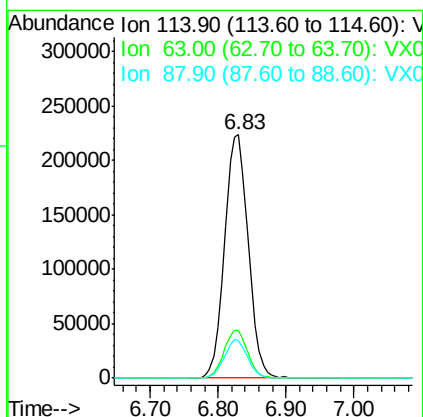
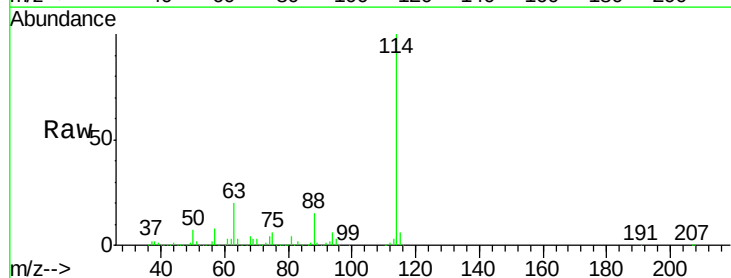
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

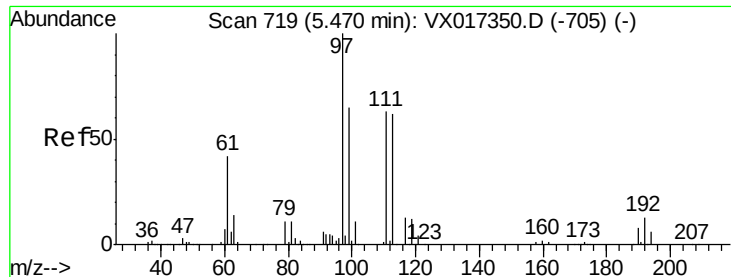
Tgt Ion: 65 Resp: 10878
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

Tgt Ion: 114 Resp: 538350
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.2 0.0 32.8

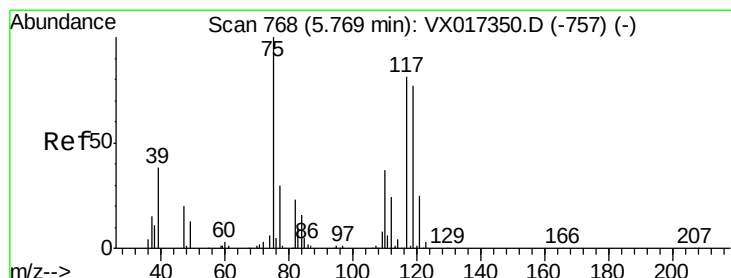
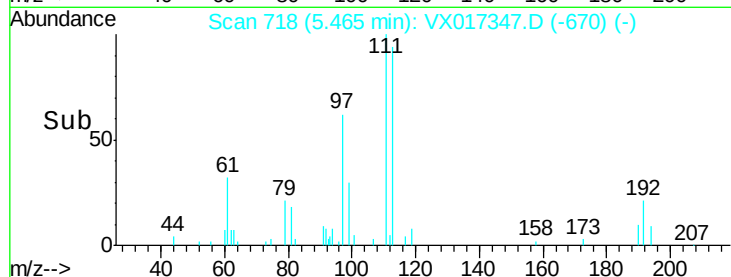
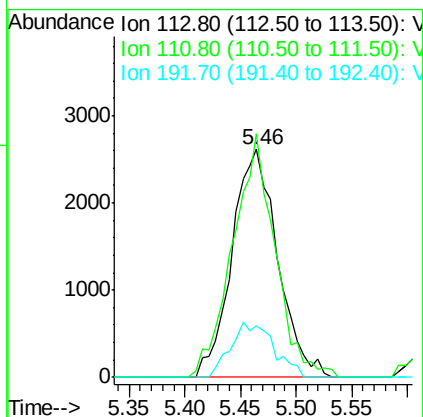
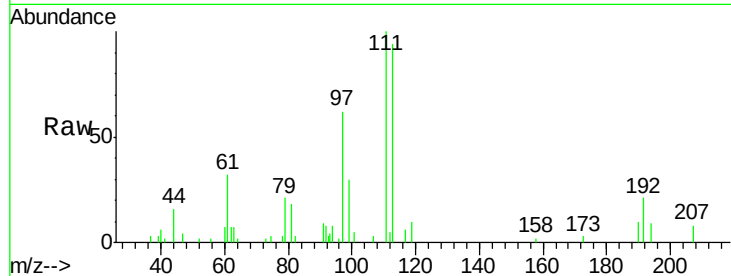




#35
 Dibromofluoromethane
 Concen: 2.156 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

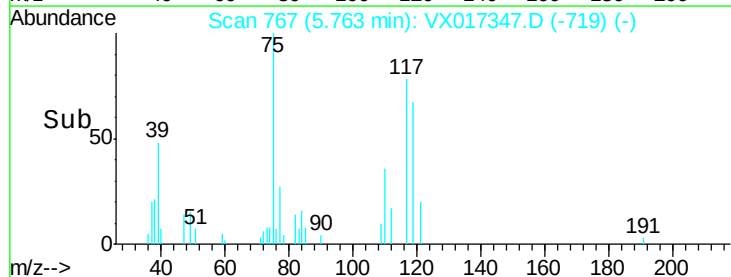
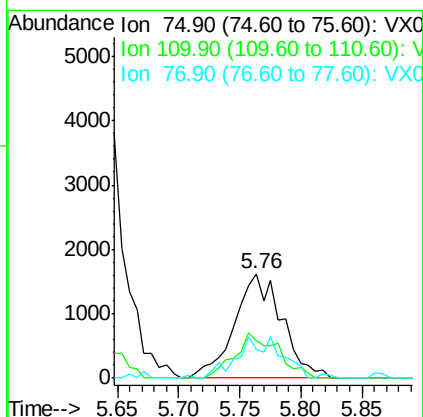
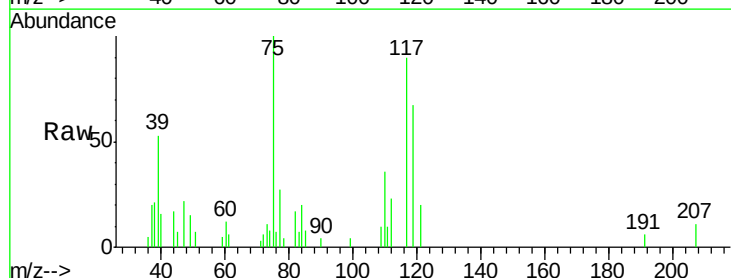
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

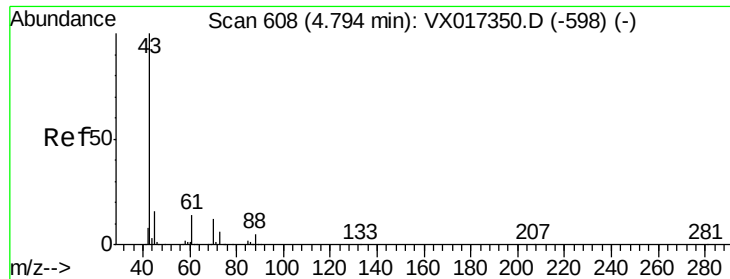
Tgt Ion: 113 Resp: 7456
 Ion Ratio Lower Upper
 113 100
 111 99.1 82.4 123.6
 192 22.6 17.2 25.8



#36
 1,1-Dichloropropene
 Concen: 0.856 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

Tgt Ion: 75 Resp: 4357
 Ion Ratio Lower Upper
 75 100
 110 39.4 18.6 55.8
 77 21.4 24.9 37.3#

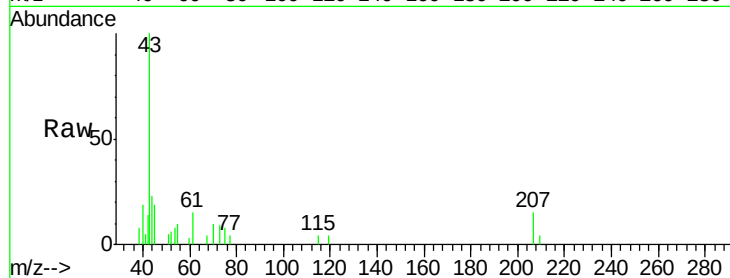




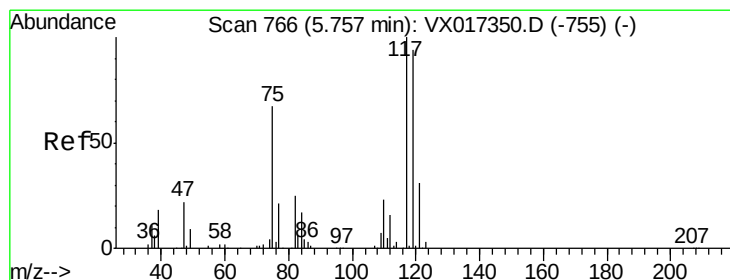
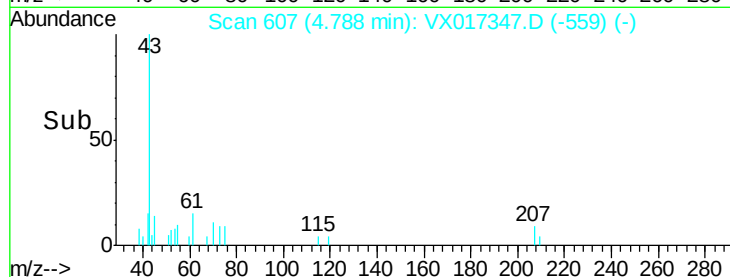
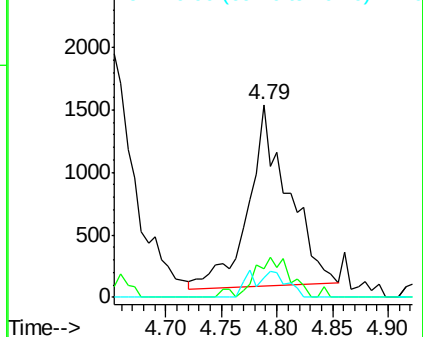
#37
Ethyl Acetate
Concen: 0.698 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 3584
Ion Ratio Lower Upper
43 100
61 19.1 10.7 16.1#
70 9.0 9.0 13.6#

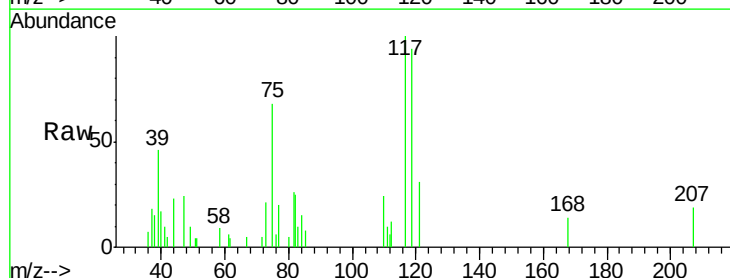


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

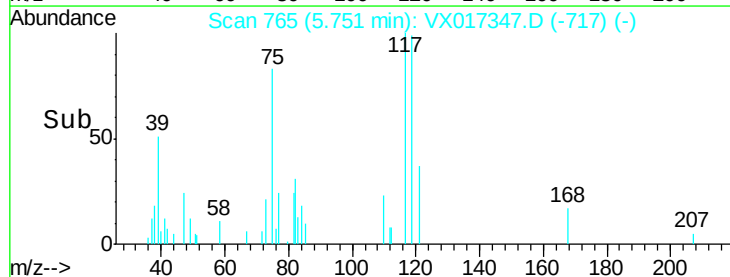
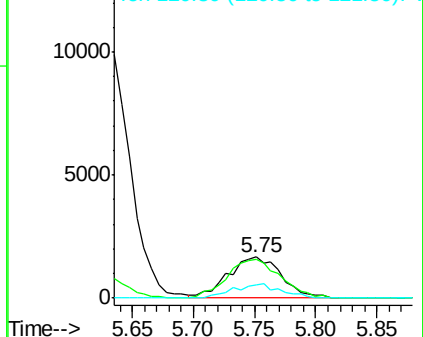


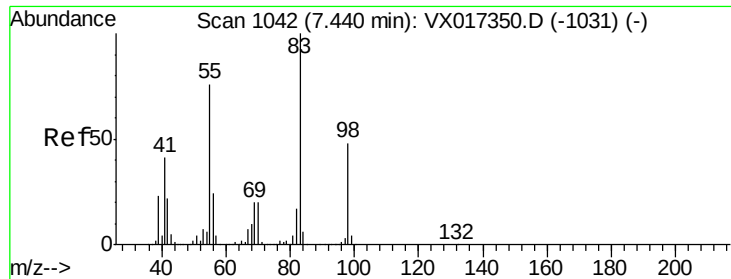
#38
Carbon Tetrachloride
Concen: 0.895 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

Tgt Ion: 117 Resp: 5069
Ion Ratio Lower Upper
117 100
119 93.6 74.7 112.1
121 30.5 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

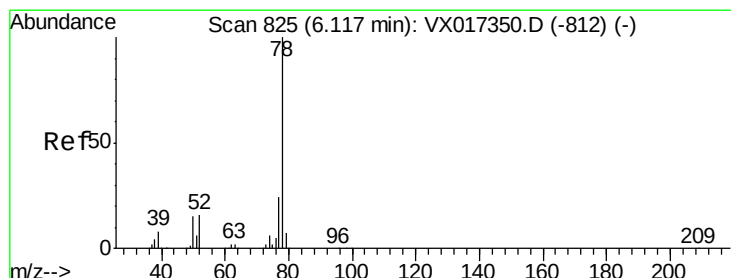
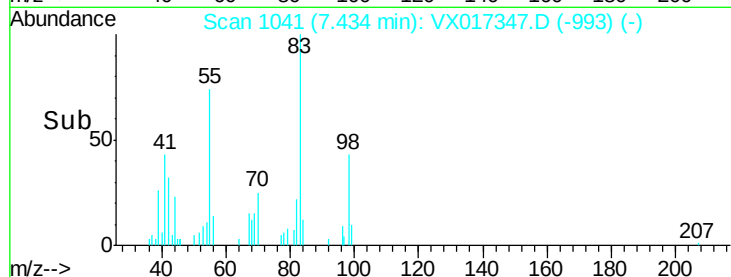
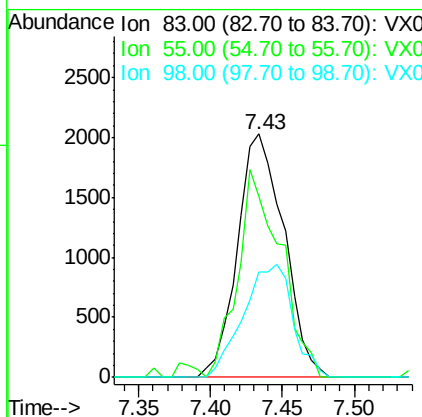
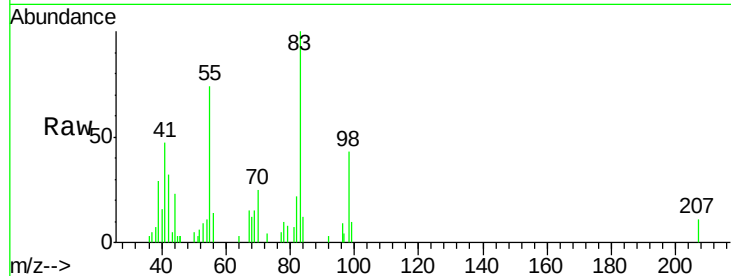




#39
Methylcyclohexane
Concen: 0.805 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

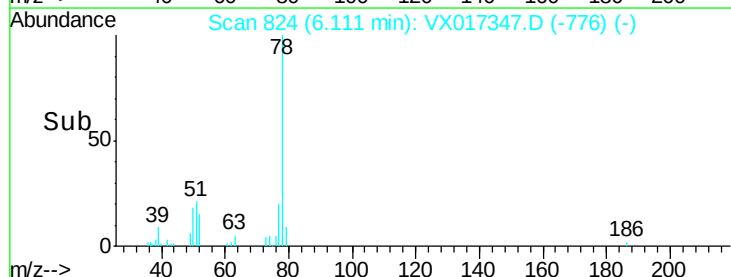
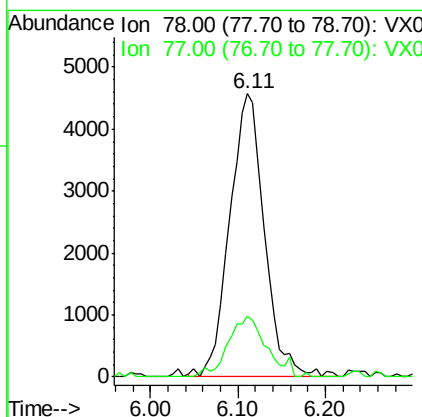
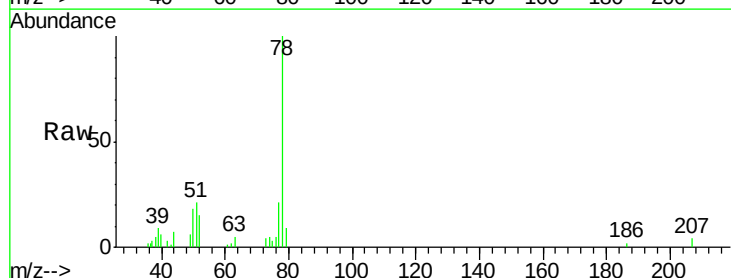
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

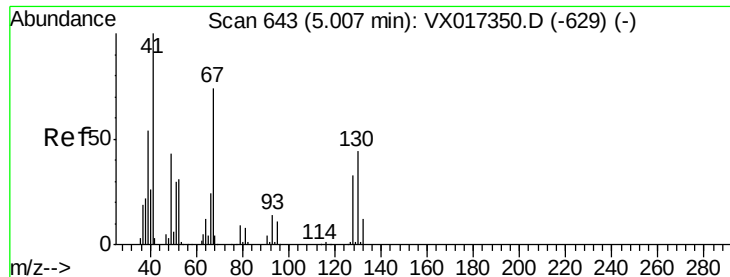
Tgt Ion: 83 Resp: 4536
Ion Ratio Lower Upper
83 100
55 74.5 61.2 91.8
98 43.1 38.1 57.1



#40
Benzene
Concen: 0.846 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

Tgt Ion: 78 Resp: 12608
Ion Ratio Lower Upper
78 100
77 21.5 18.9 28.3

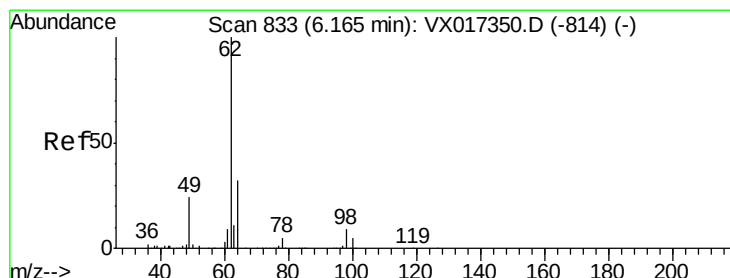
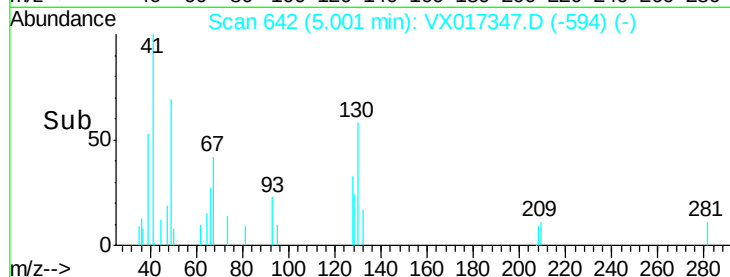
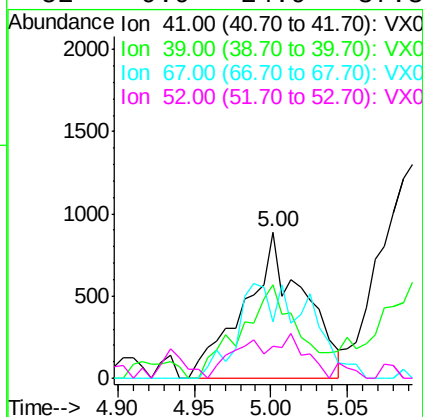
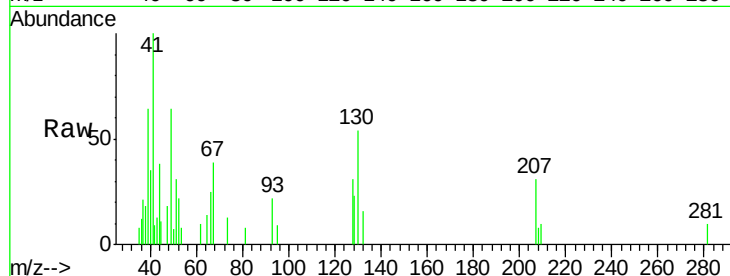




#41
Methacrylonitrile
Concen: 0.826 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

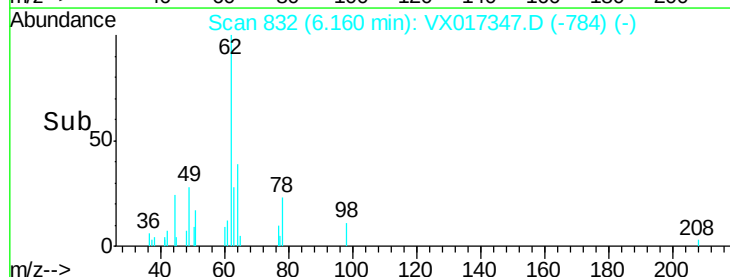
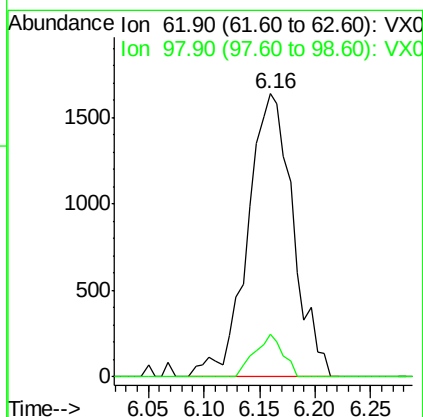
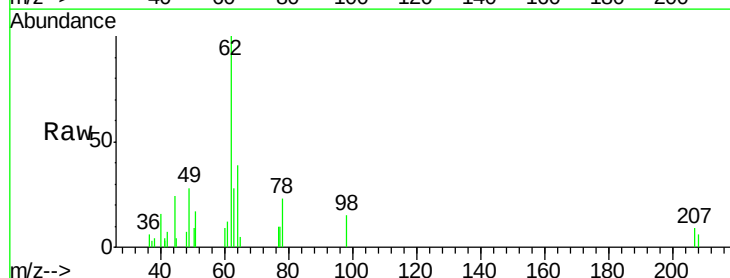
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

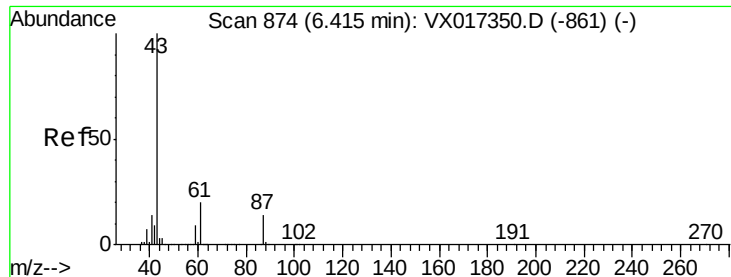
Tgt Ion:	41	Resp:	2389
Ion	Ratio	Lower	Upper
41	100		
39	62.0	43.8	65.8
67	0.0	58.7	88.1#
52	9.9	24.9	37.3#



#42
1,2-Dichloroethane
Concen: 0.855 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

Tgt Ion:	62	Resp:	4655
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.4





#43

Isopropyl Acetate

Concen: 0.768 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

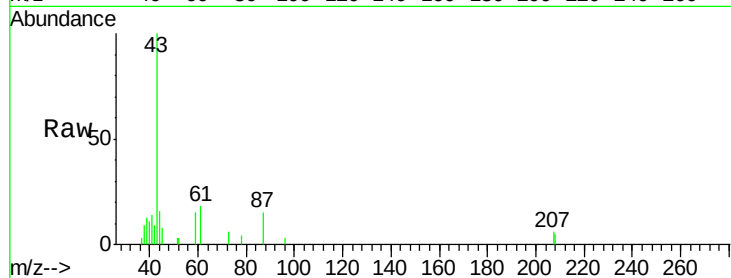
Tgt Ion: 43 Resp: 6559

Ion Ratio Lower Upper

43 100

61 22.6 16.4 24.6

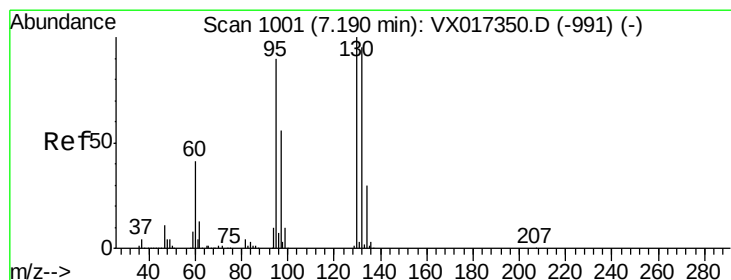
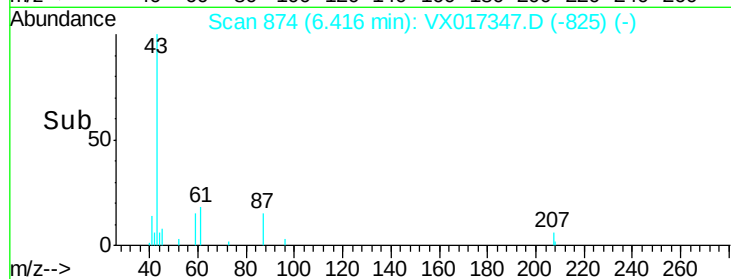
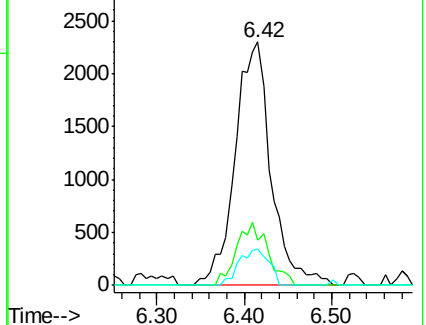
87 12.4 11.2 16.8



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: 0.848 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017347.D

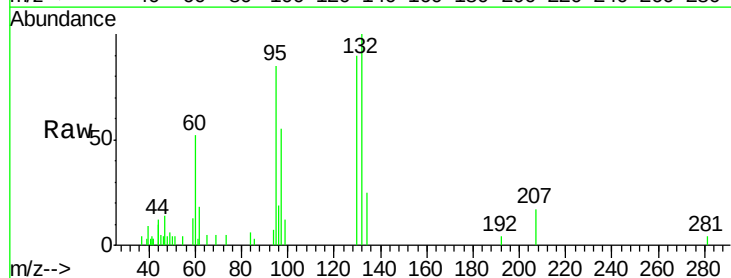
Acq: 13 Jul 2020 09:53

Tgt Ion: 130 Resp: 3837

Ion Ratio Lower Upper

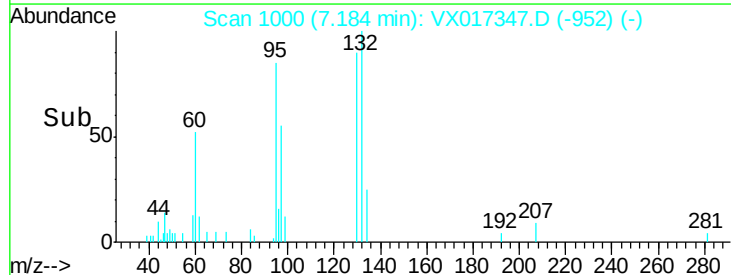
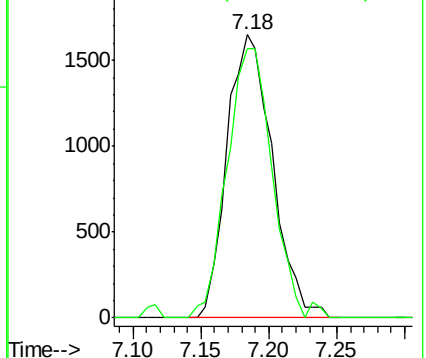
130 100

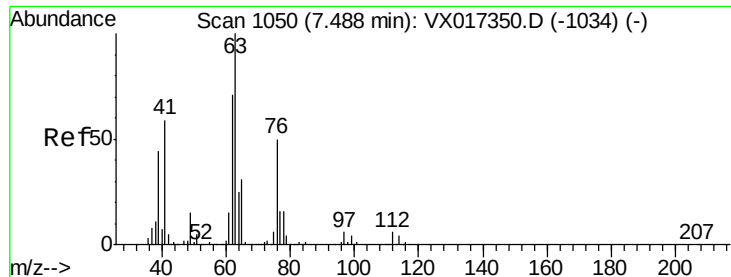
95 95.1 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

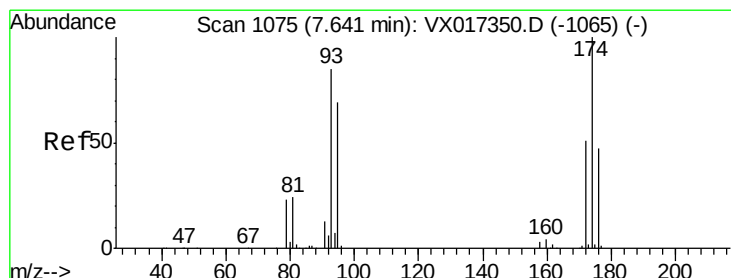
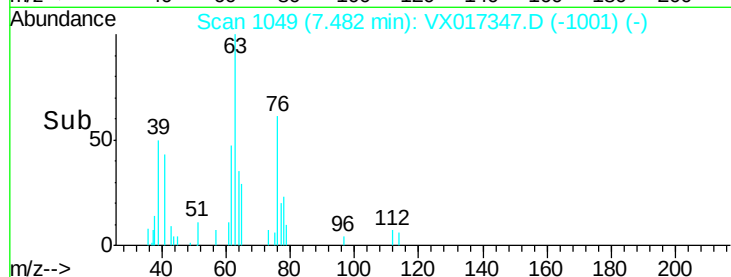
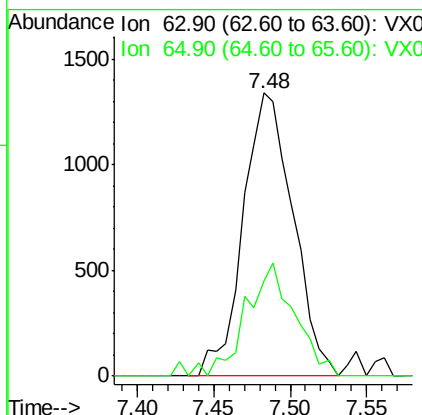
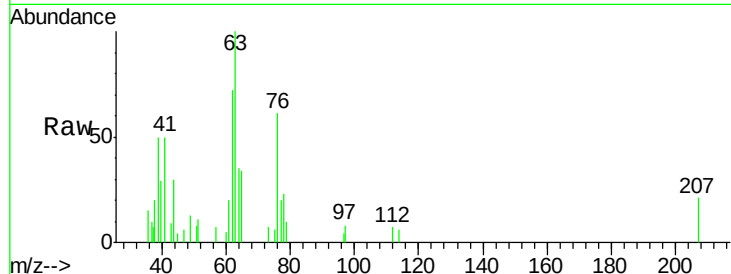




#45
 1,2-Dichloropropane
 Concen: 0.795 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

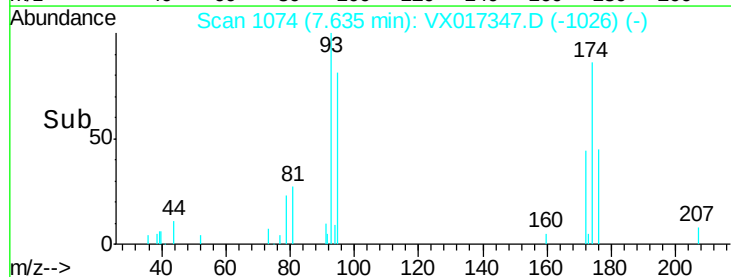
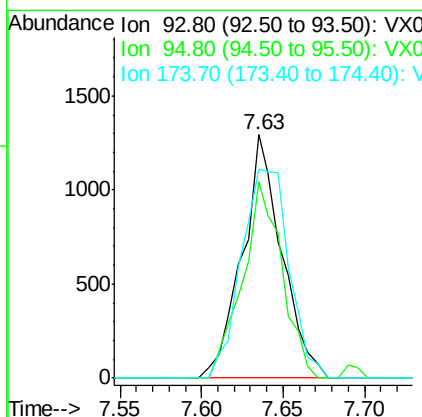
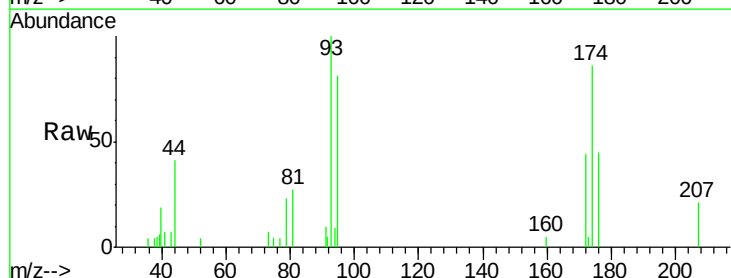
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

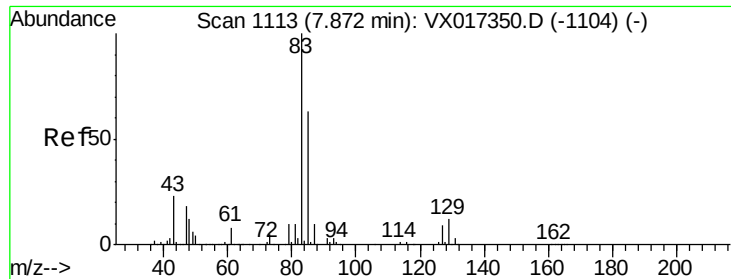
Tgt Ion: 63 Resp: 3044
 Ion Ratio Lower Upper
 63 100
 65 33.9 24.5 36.7



#46
 Dibromomethane
 Concen: 0.832 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

Tgt Ion: 93 Resp: 2187
 Ion Ratio Lower Upper
 93 100
 95 80.5 65.4 98.2
 174 103.2 91.2 136.8





#47

Bromodichloromethane

Concen: 0.818 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

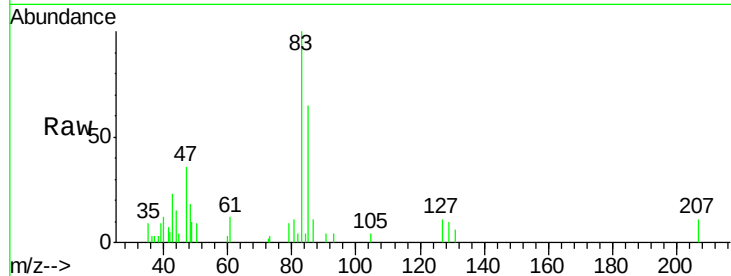
Tgt Ion: 83 Resp: 4445

Ion Ratio Lower Upper

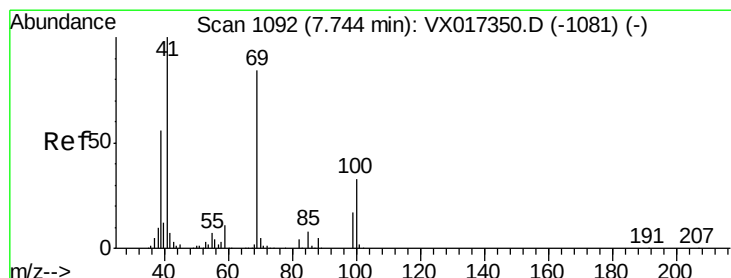
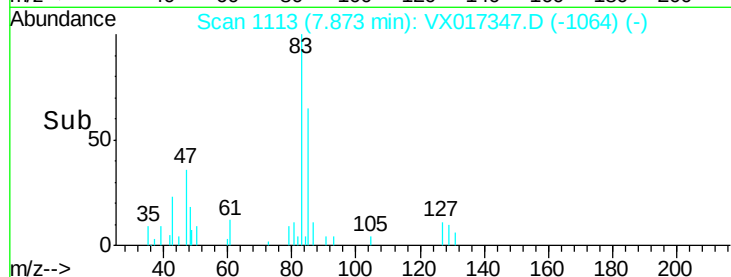
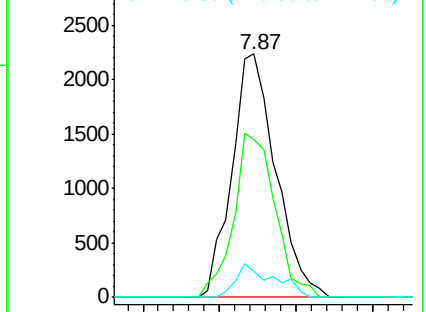
83 100

85 64.7 50.2 75.4

127 10.6 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: 0.792 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

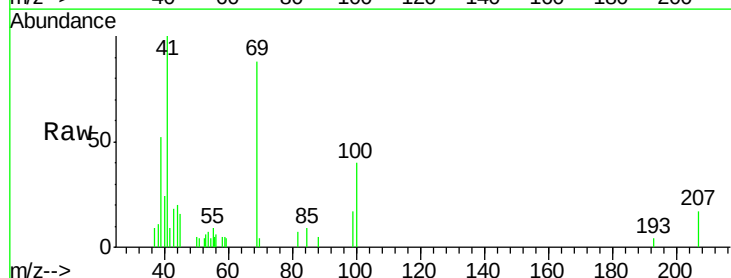
Tgt Ion: 41 Resp: 3211

Ion Ratio Lower Upper

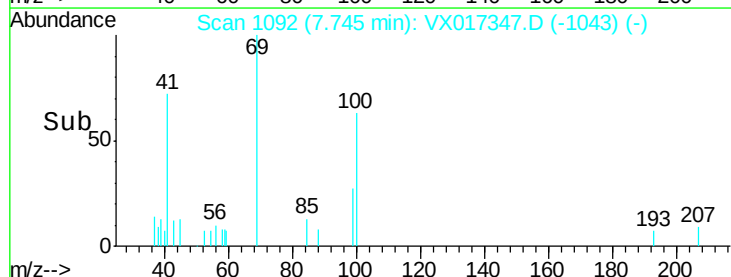
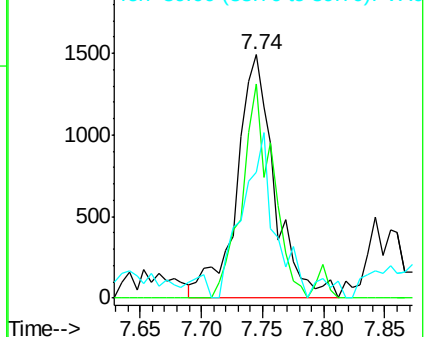
41 100

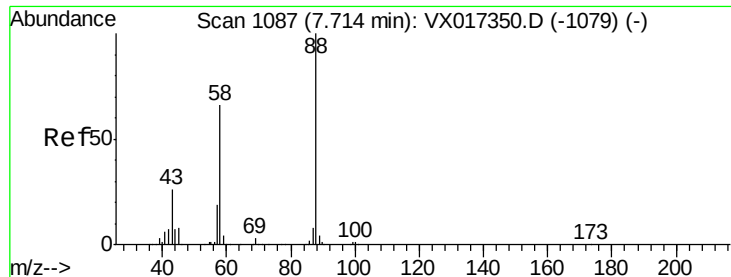
69 71.2 67.8 101.6

39 57.9 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

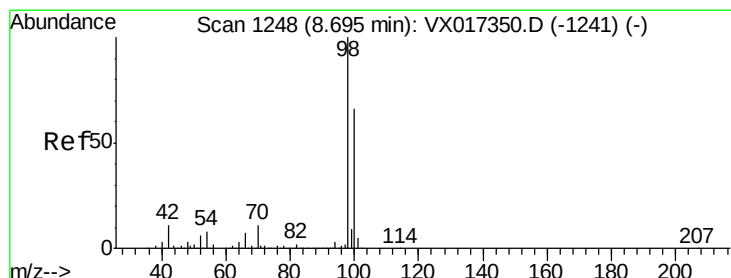
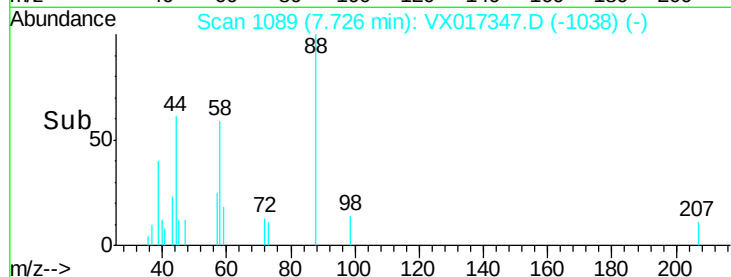
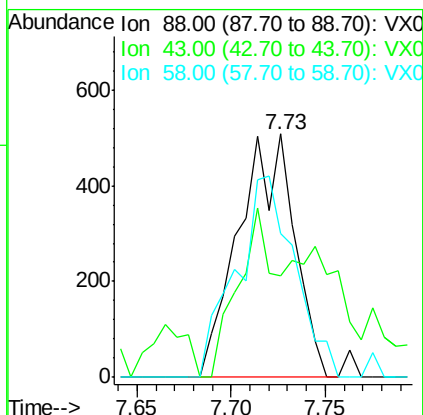
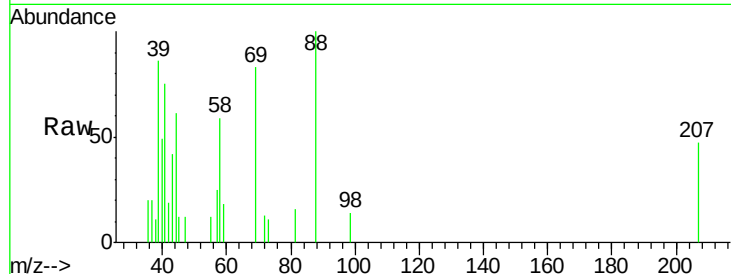




#49
1,4-Dioxane
Concen: 11.390 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

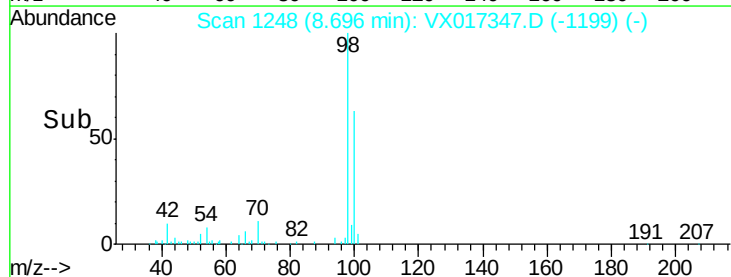
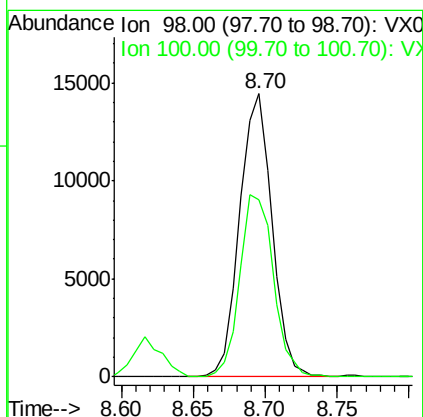
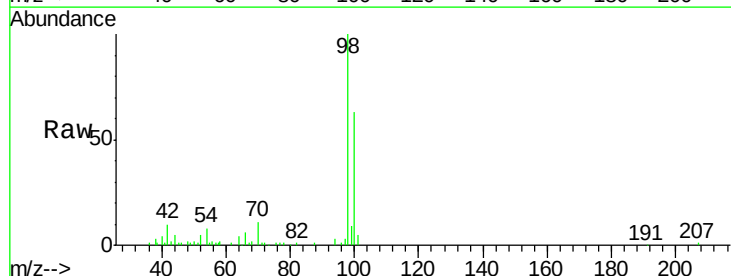
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

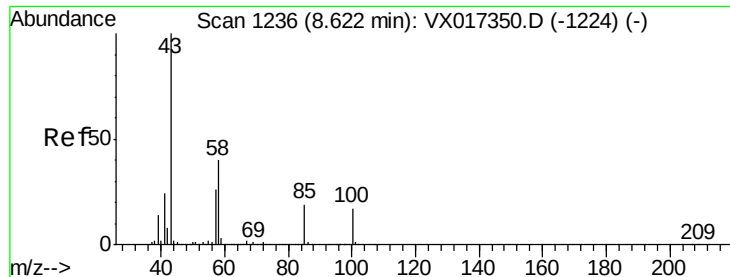
Tgt Ion: 88 Resp: 1037
Ion Ratio Lower Upper
88 100
43 46.2 25.6 38.4#
58 86.6 53.9 80.9#



#50
Toluene-d8
Concen: 1.759 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

Tgt Ion: 98 Resp: 22542
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.2

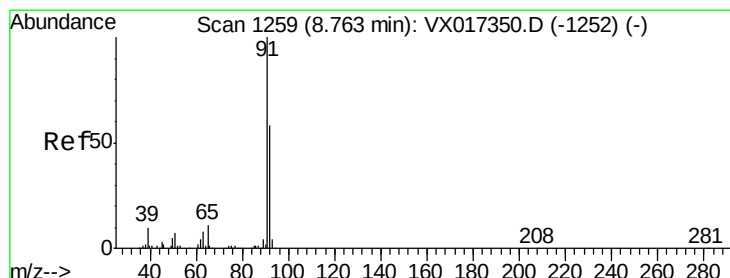
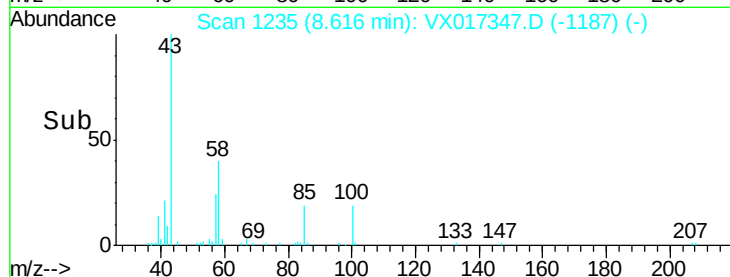
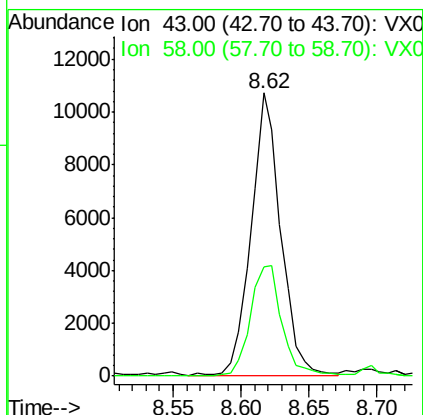
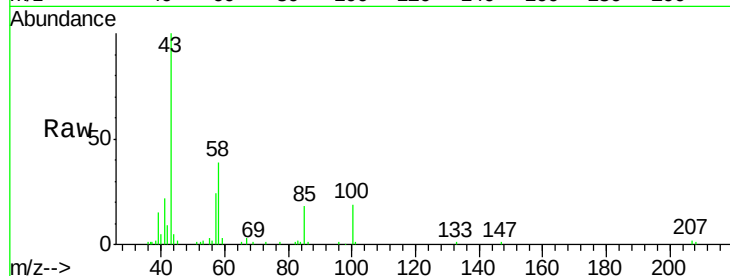




#51
 4-Methyl-2-Pentanone
 Concen: 3.232 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

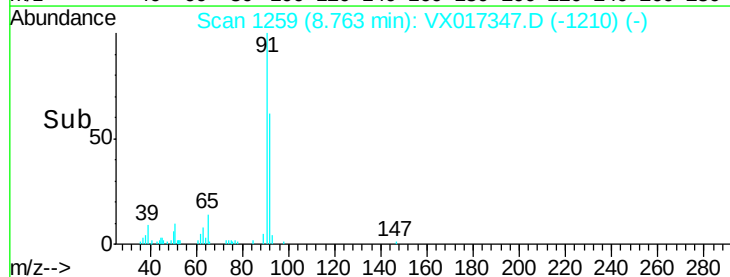
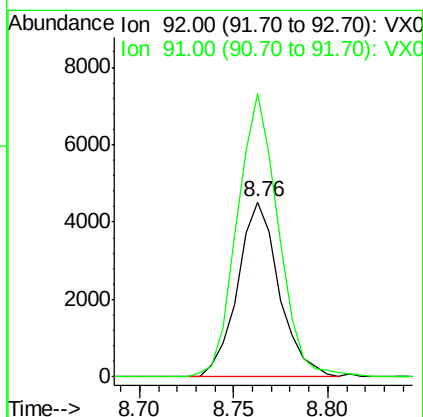
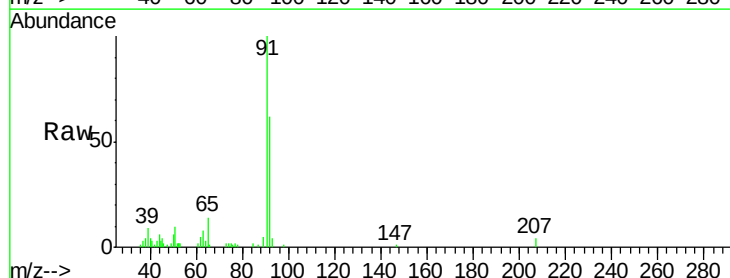
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

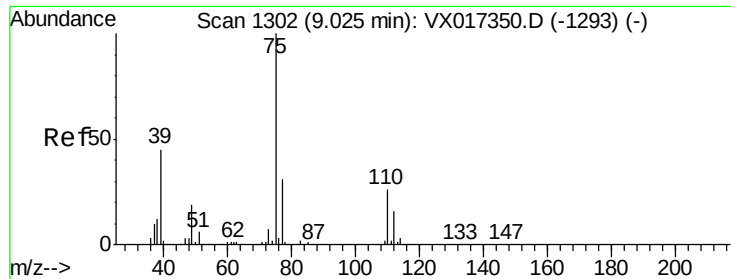
Tgt Ion: 43 Resp: 16503
 Ion Ratio Lower Upper
 43 100
 58 41.5 32.2 48.2



#52
 Toluene
 Concen: 0.740 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

Tgt Ion: 92 Resp: 6924
 Ion Ratio Lower Upper
 92 100
 91 160.2 136.7 205.1

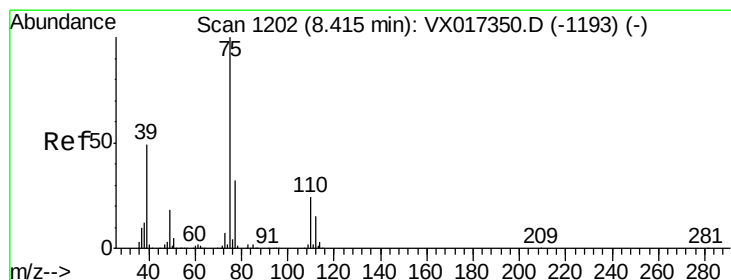
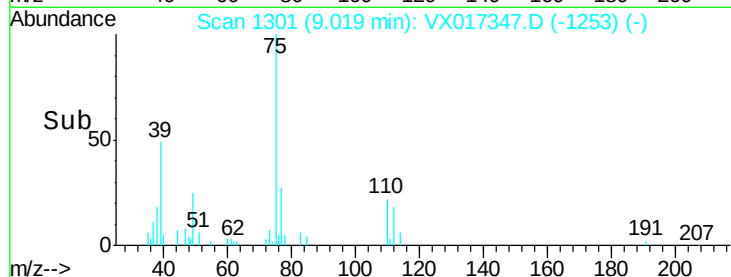
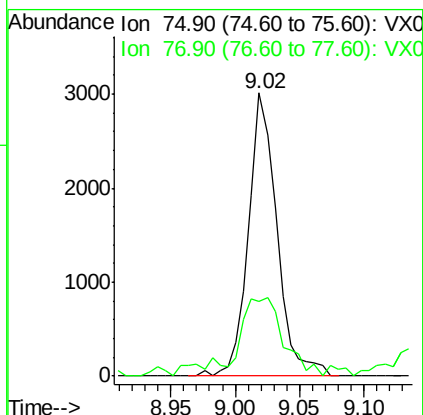
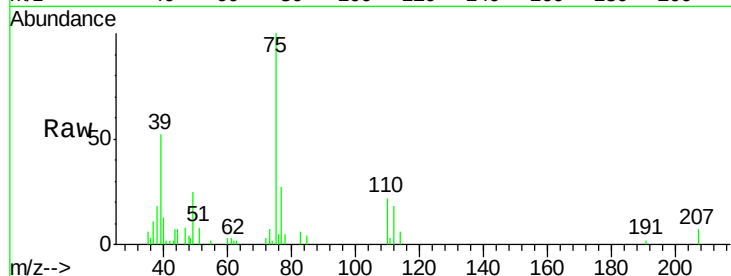




#53
 t-1,3-Dichloropropene
 Concen: 0.766 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

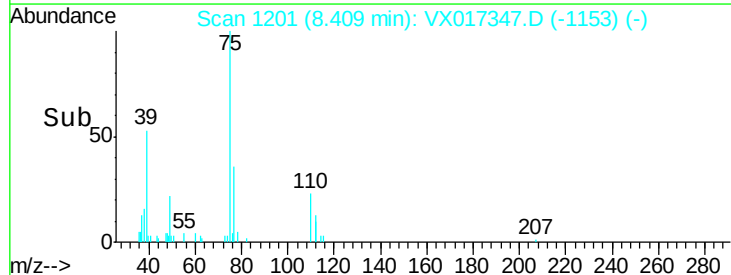
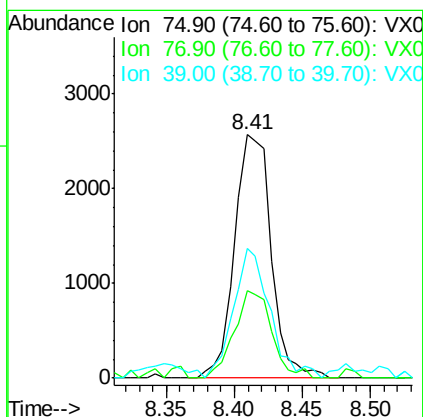
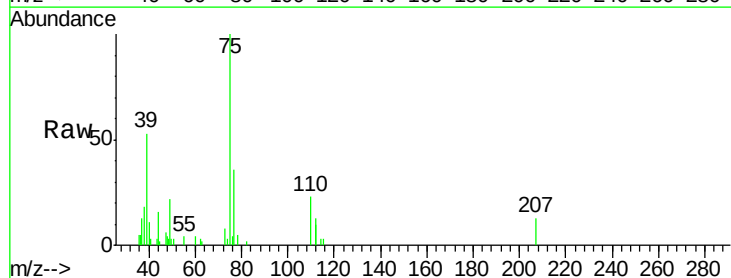
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

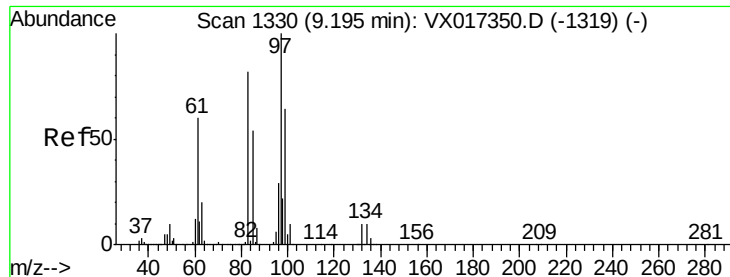
Tgt Ion: 75 Resp: 4588
 Ion Ratio Lower Upper
 75 100
 77 24.1 25.0 37.6#



#54
 cis-1,3-Dichloropropene
 Concen: 0.751 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

Tgt Ion: 75 Resp: 4809
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.3 37.9
 39 50.9 38.9 58.3





#55

1,1,2-Trichloroethane

Concen: 0.817 ug/l

RT: 9.19 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tgt Ion: 97 Resp: 3137

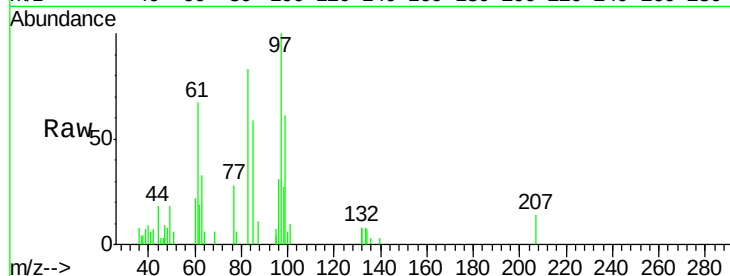
Ion Ratio Lower Upper

97 100

83 83.1 65.8 98.6

85 58.9 42.8 64.2

99 61.4 51.2 76.8

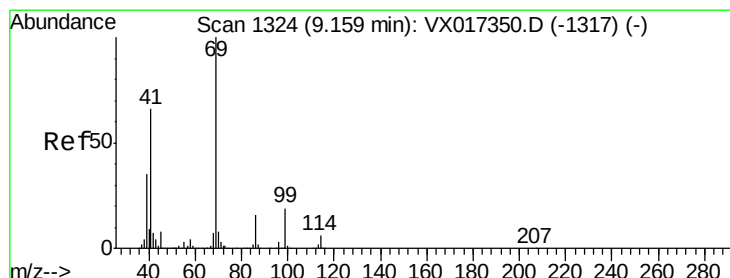
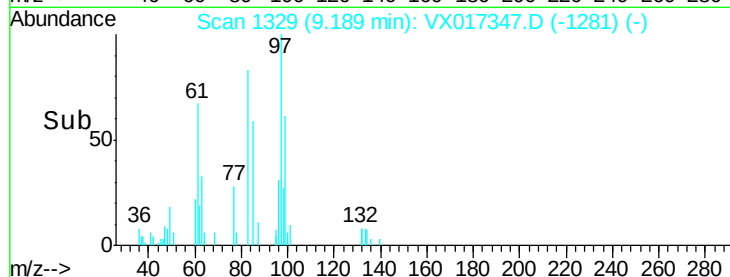
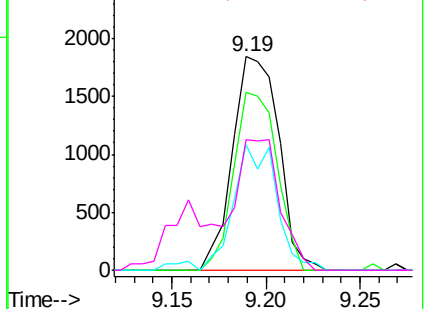


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.644 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

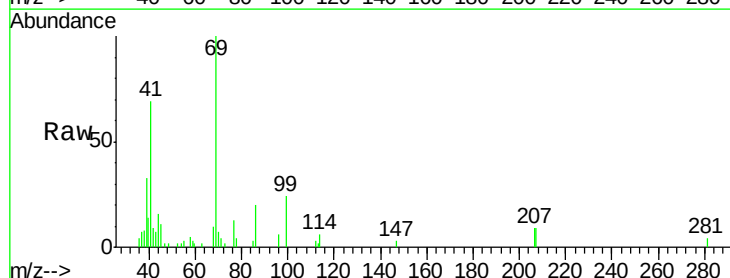
Tgt Ion: 69 Resp: 3506

Ion Ratio Lower Upper

69 100

41 81.6 52.6 78.8#

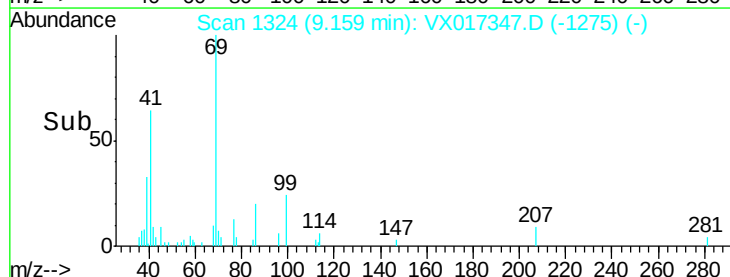
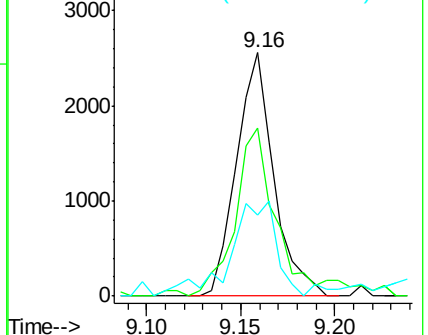
39 48.2 28.8 43.2#

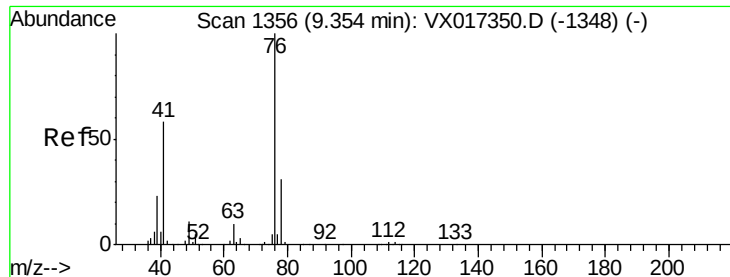


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

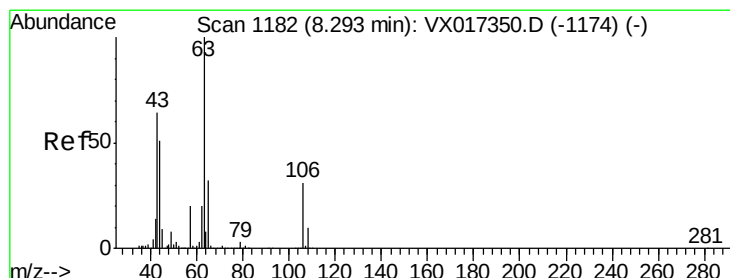
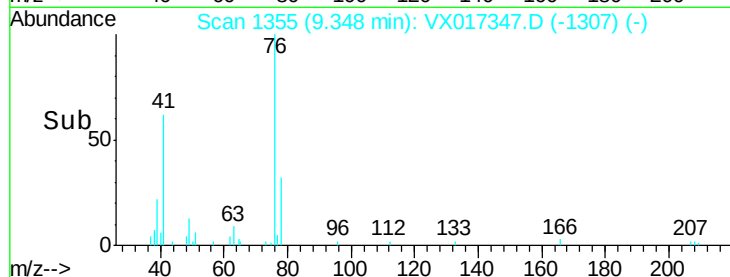
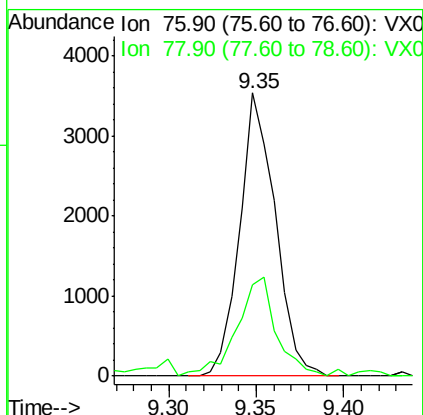
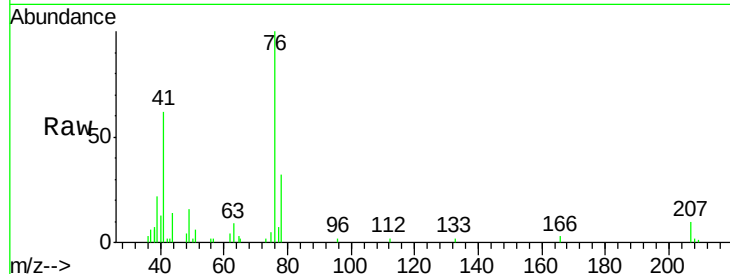




#57
 1,3-Dichloropropane
 Concen: 0.773 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

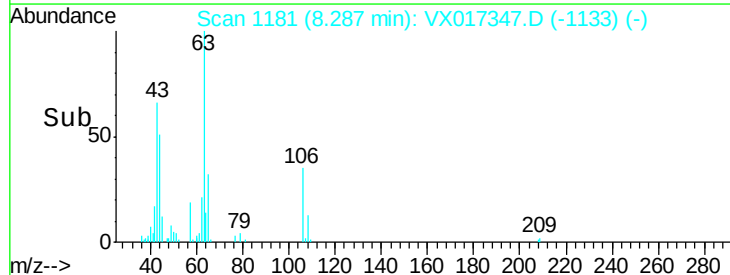
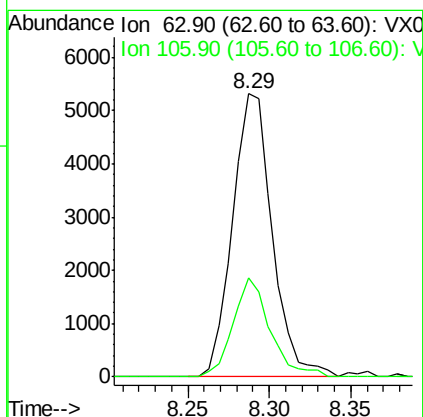
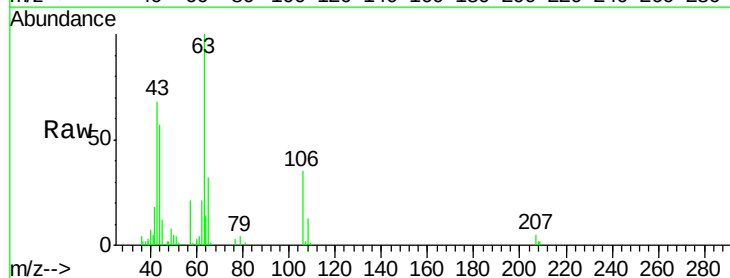
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

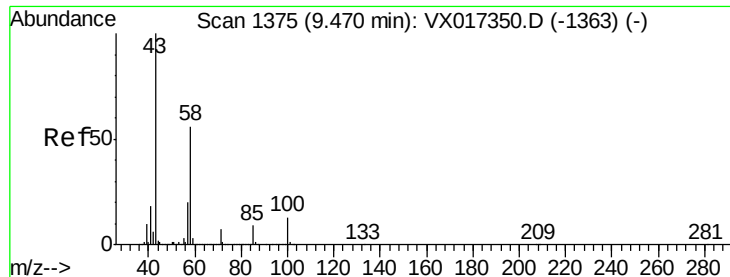
Tgt Ion: 76 Resp: 5004
 Ion Ratio Lower Upper
 76 100
 78 38.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 3.318 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

Tgt Ion: 63 Resp: 9025
 Ion Ratio Lower Upper
 63 100
 106 32.6 24.8 37.2

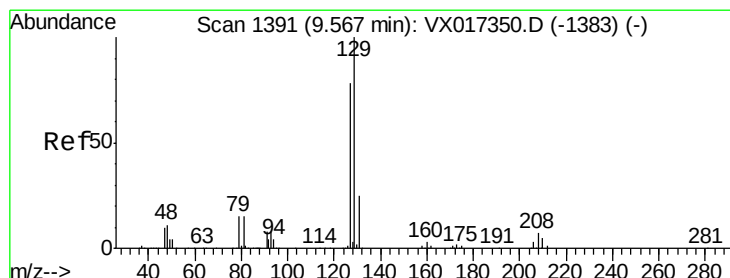
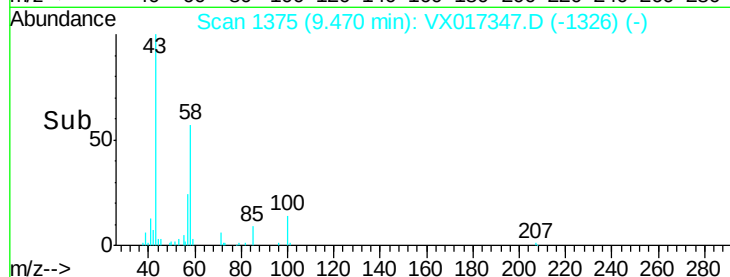
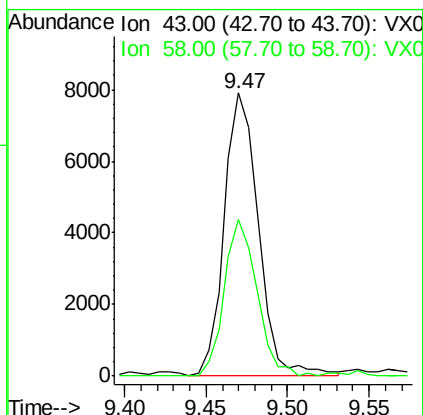
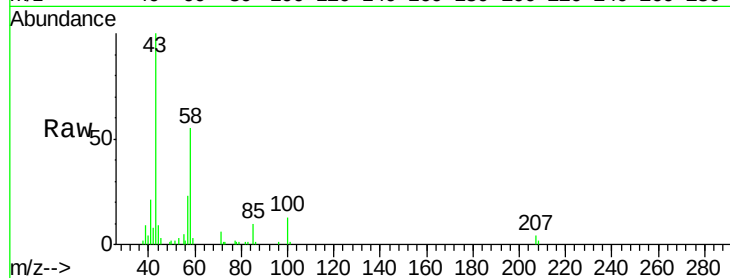




#59
2-Hexanone
Concen: 3.095 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

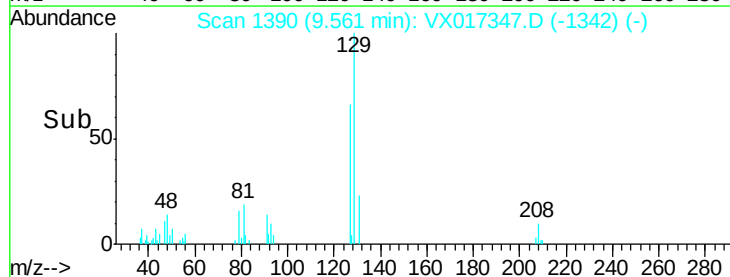
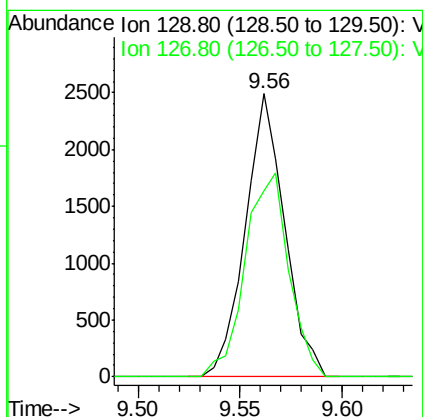
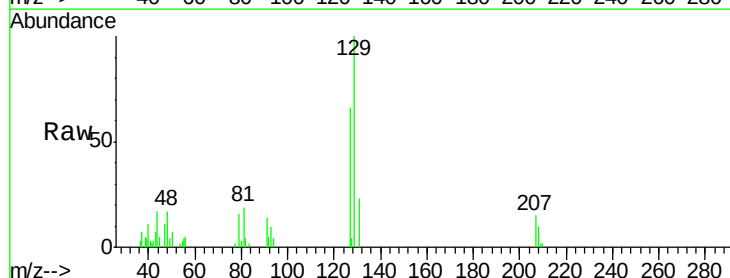
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

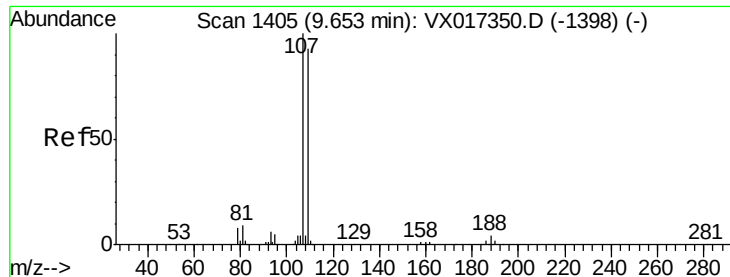
Tgt Ion: 43 Resp: 11606
Ion Ratio Lower Upper
43 100
58 52.5 28.1 84.3



#60
Dibromochloromethane
Concen: 0.743 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

Tgt Ion: 129 Resp: 3341
Ion Ratio Lower Upper
129 100
127 80.0 38.9 116.6





#61

1,2-Dibromoethane

Concen: 0.766 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

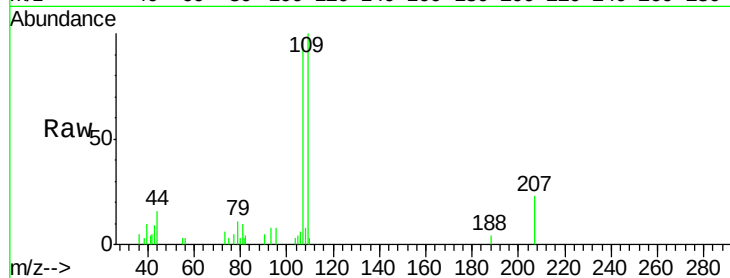
VSTDIC001

Tgt Ion: 107 Resp: 3165

Ion Ratio Lower Upper

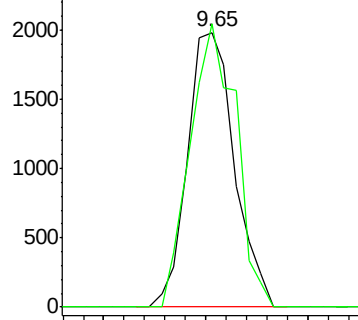
107 100

109 100.8 75.0 112.4

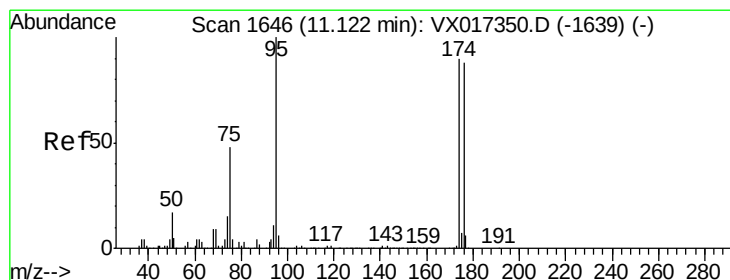
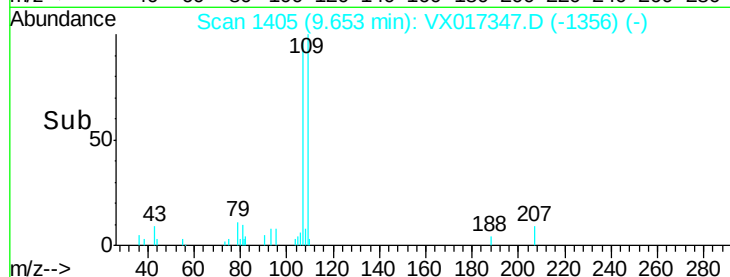


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 1.573 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

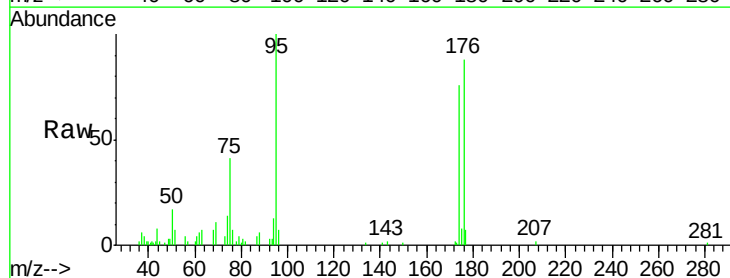
Tgt Ion: 95 Resp: 7901

Ion Ratio Lower Upper

95 100

174 82.2 0.0 175.8

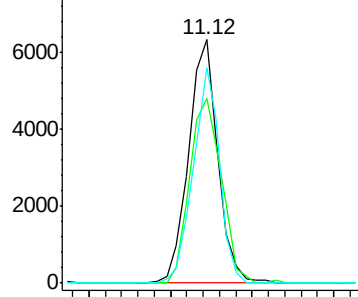
176 79.9 0.0 164.6



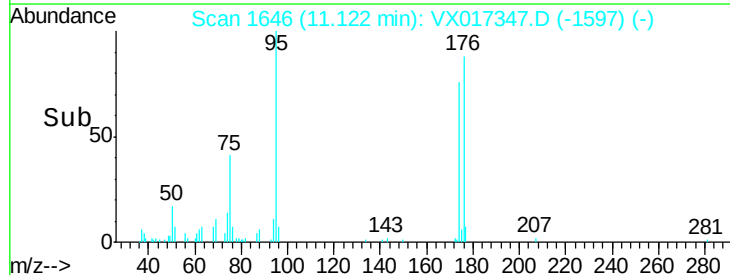
Abundance Ion 94.90 (94.60 to 95.60): VX0

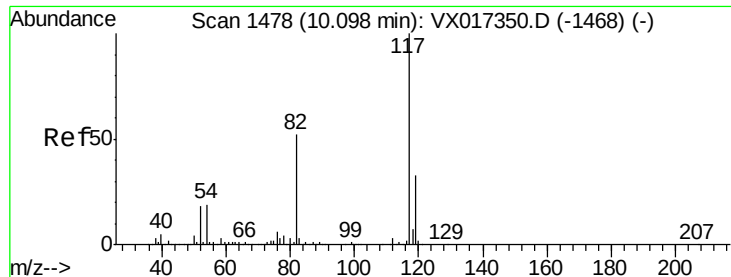
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

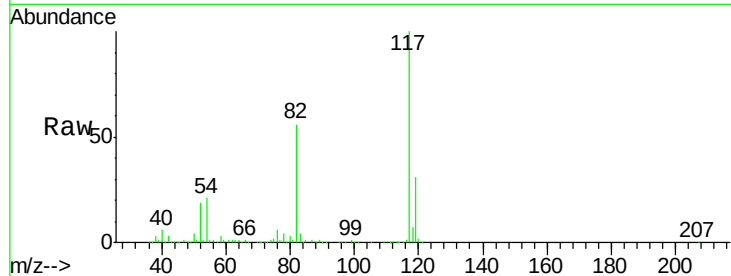




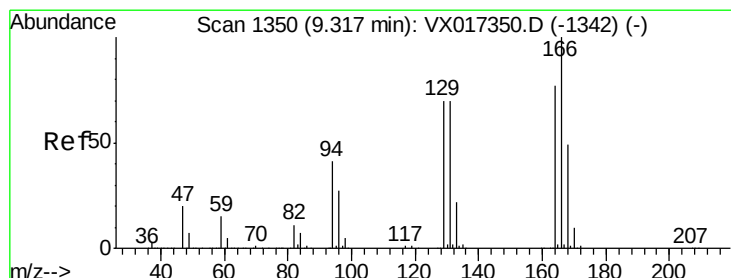
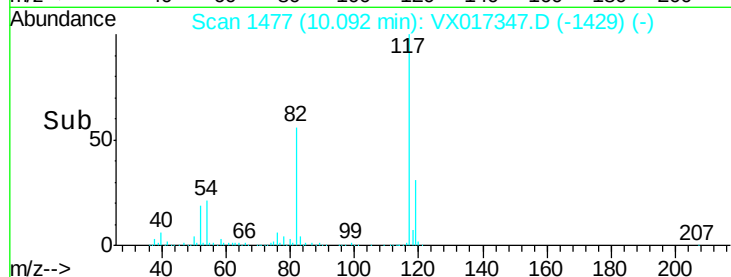
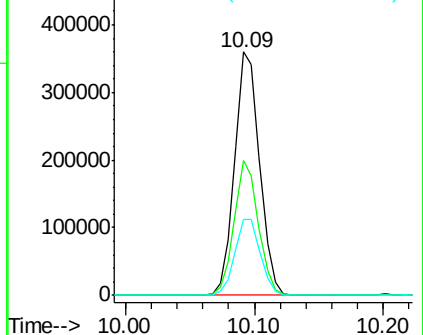
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 488048
Ion Ratio Lower Upper
117 100
82 55.6 42.0 63.0
119 31.2 26.3 39.5

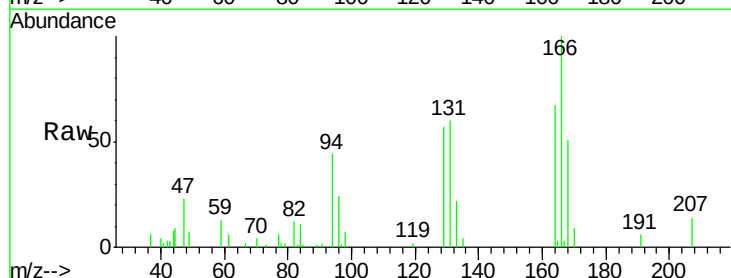


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

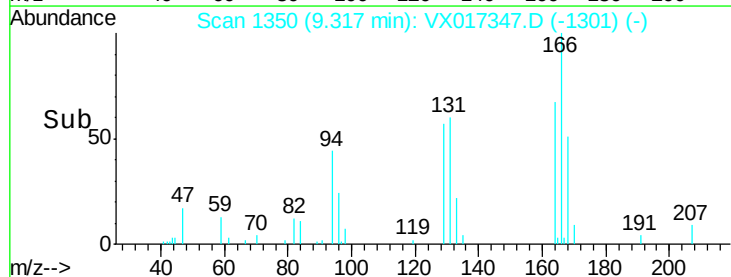
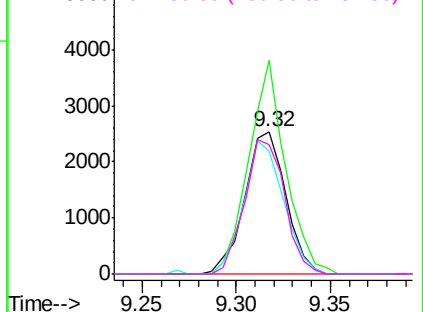


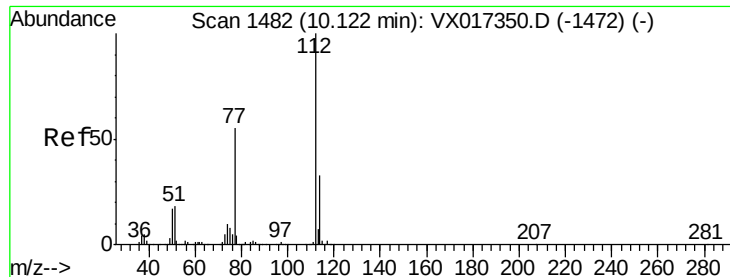
#64
Tetrachloroethene
Concen: 0.961 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

Tgt Ion:164 Resp: 3841
Ion Ratio Lower Upper
164 100
166 149.6 103.9 155.9
129 85.8 72.9 109.3
131 90.5 72.5 108.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

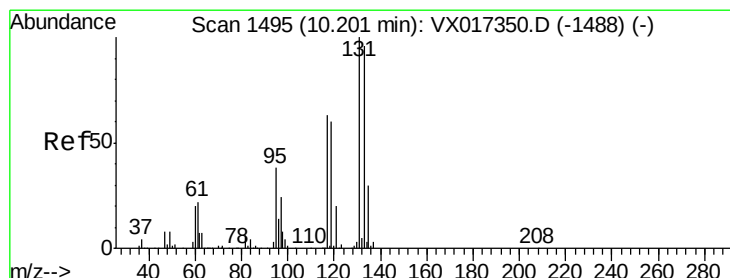
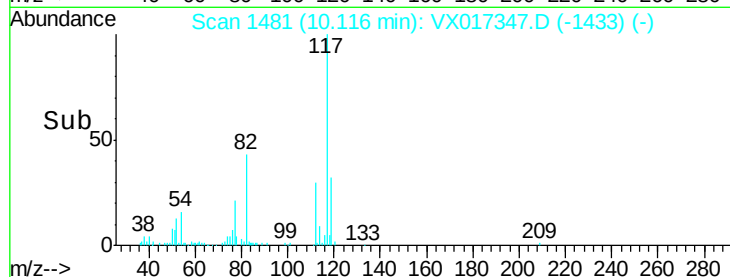
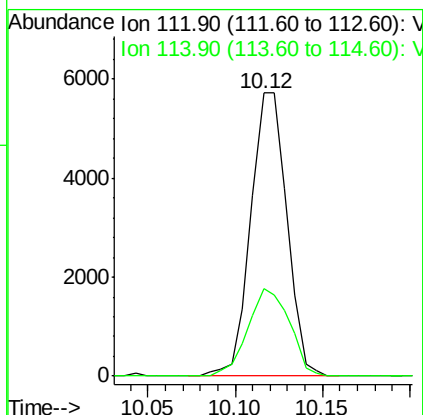
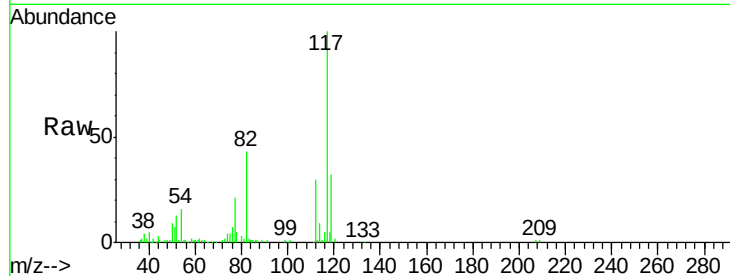




#65
Chlorobenzene
Concen: 0.823 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

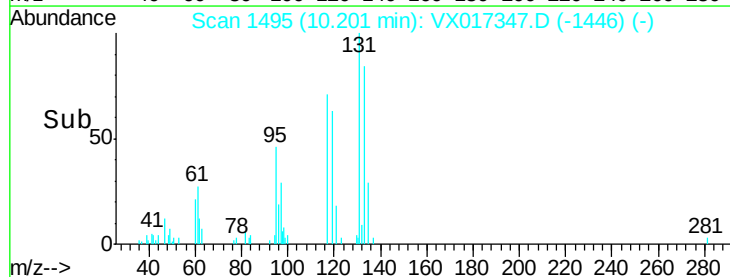
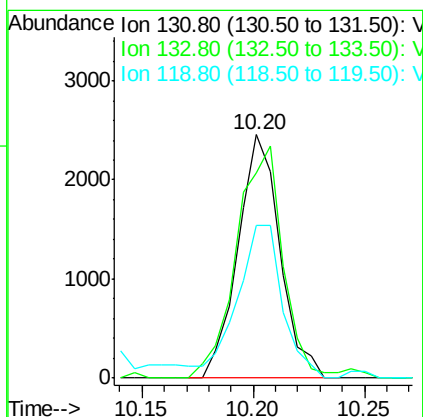
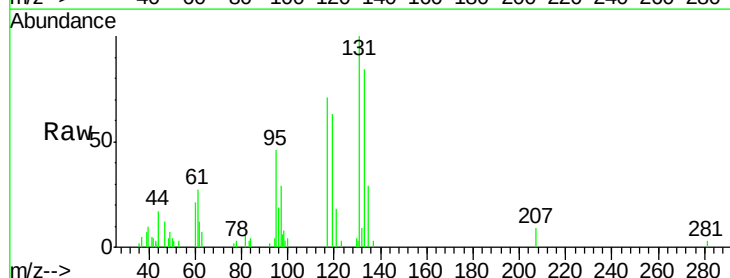
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

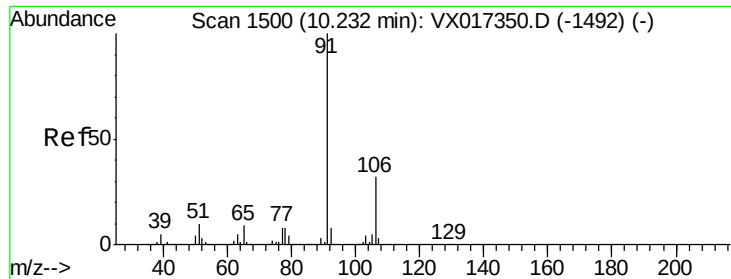
Tgt Ion:112 Resp: 8291
Ion Ratio Lower Upper
112 100
114 31.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 0.827 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

Tgt Ion:131 Resp: 3235
Ion Ratio Lower Upper
131 100
133 104.9 48.4 145.2
119 0.0 31.2 93.6#





#67

Ethyl Benzene

Concen: 0.769 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

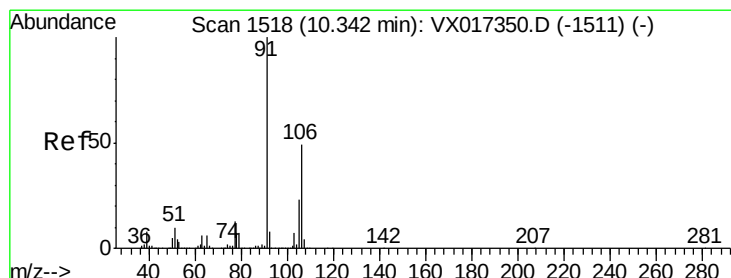
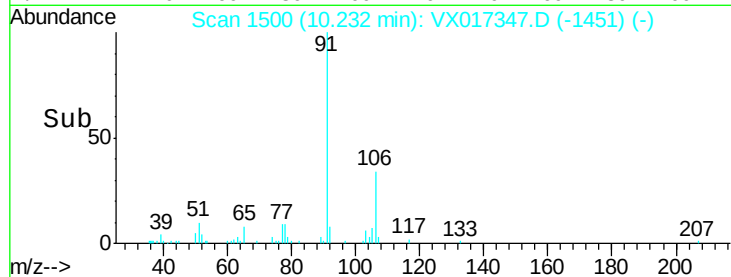
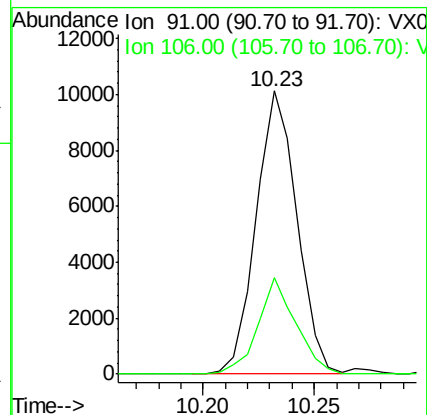
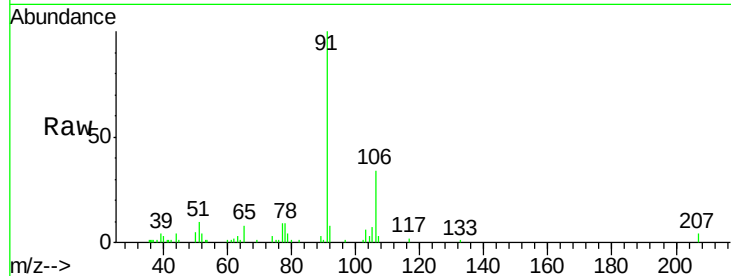
VSTDIC001

Tgt Ion: 91 Resp: 12931

Ion Ratio Lower Upper

91 100

106 34.0 25.7 38.5



#68

m/p-Xylenes

Concen: 1.439 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017347.D

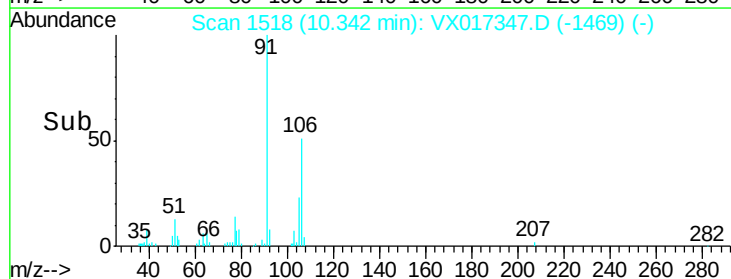
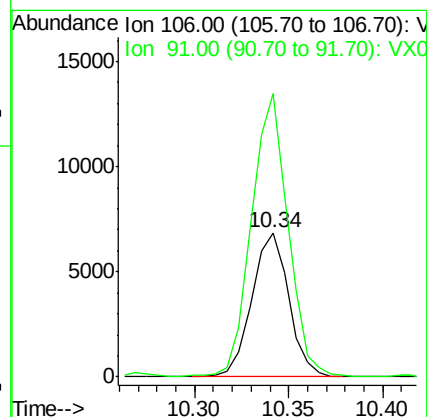
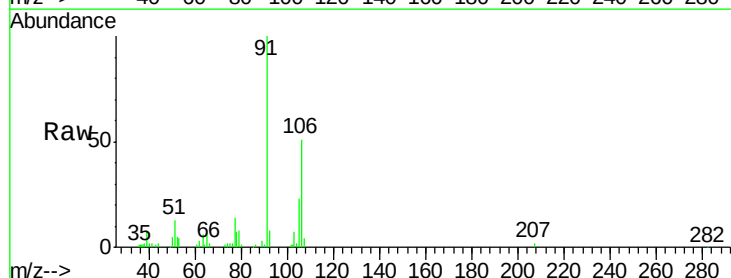
Acq: 13 Jul 2020 09:53

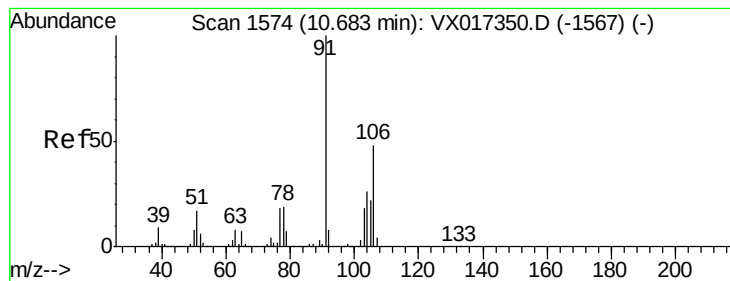
Tgt Ion: 106 Resp: 9282

Ion Ratio Lower Upper

106 100

91 195.4 162.5 243.7





#69

o-Xylene

Concen: 0.789 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

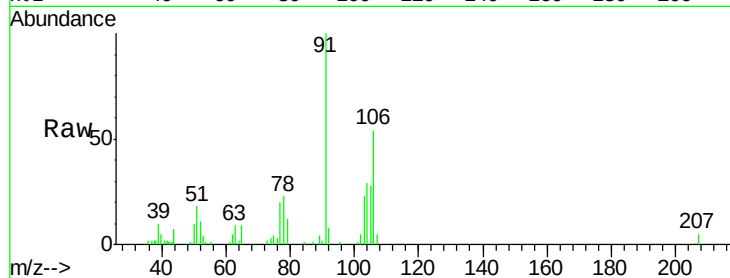
VSTDIC001

Tgt Ion:106 Resp: 4860

Ion Ratio Lower Upper

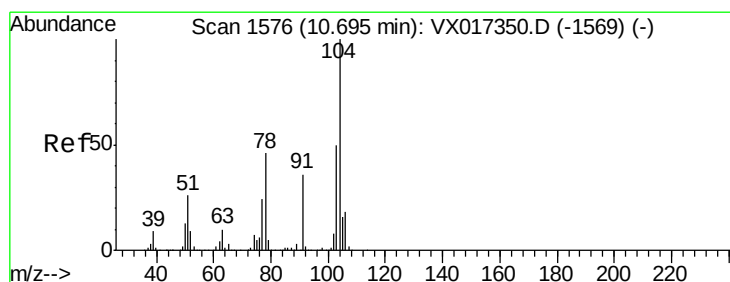
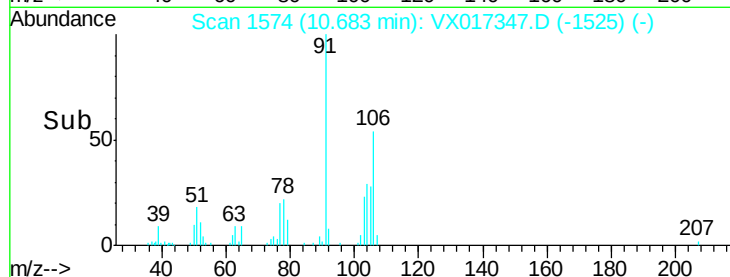
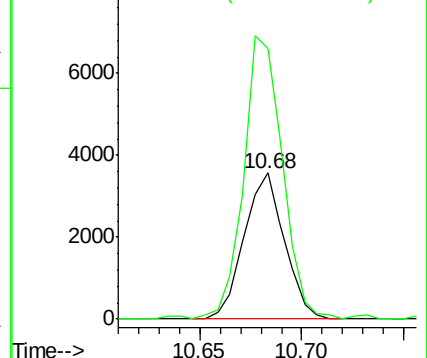
106 100

91 188.2 106.1 318.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 0.722 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

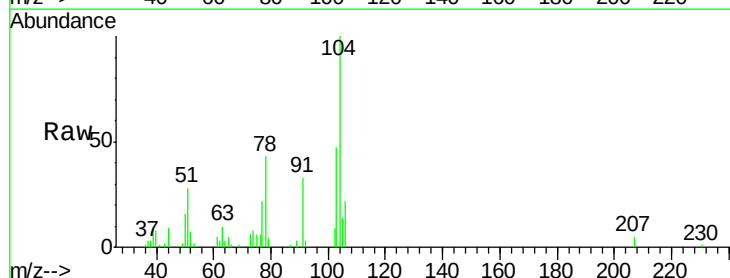
Tgt Ion:104 Resp: 7561

Ion Ratio Lower Upper

104 100

78 47.5 40.8 61.2

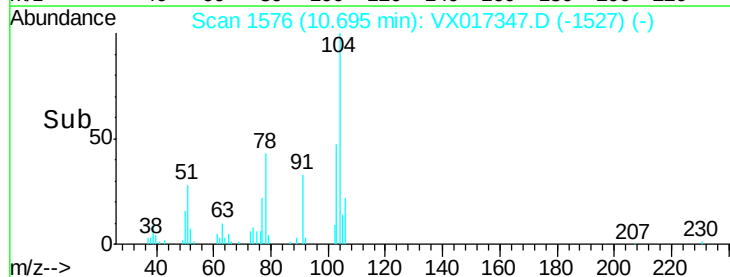
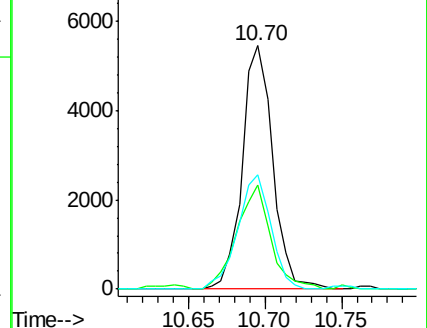
103 50.7 43.3 64.9

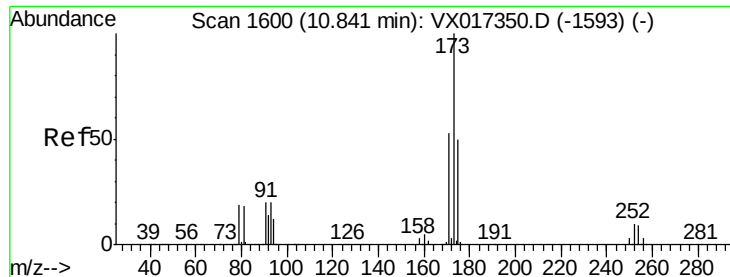


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.763 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

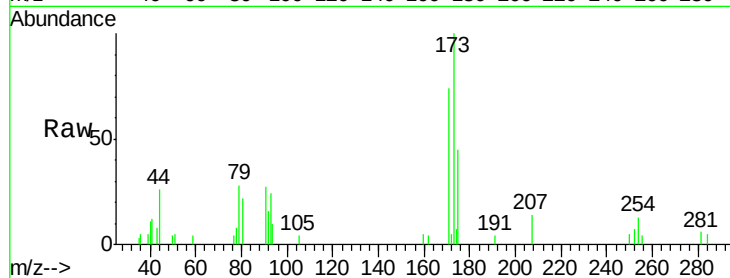
Tgt Ion:173 Resp: 2383

Ion Ratio Lower Upper

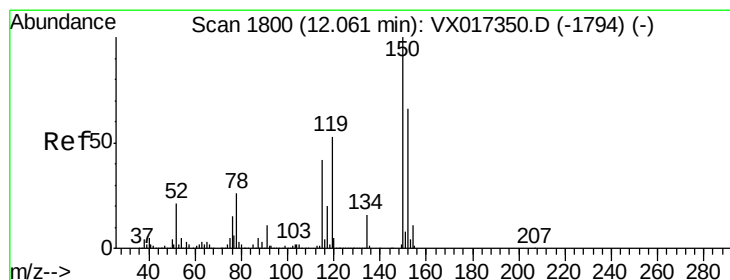
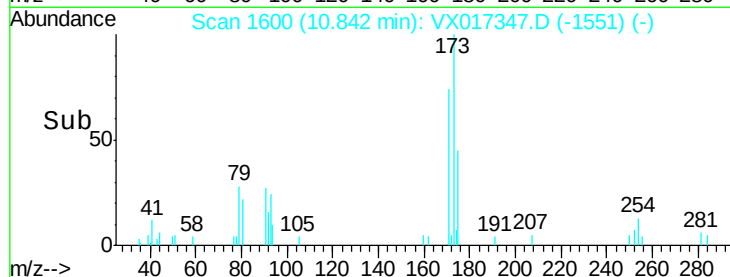
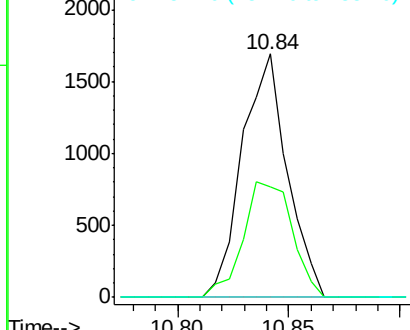
173 100

175 51.6 24.7 74.1

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

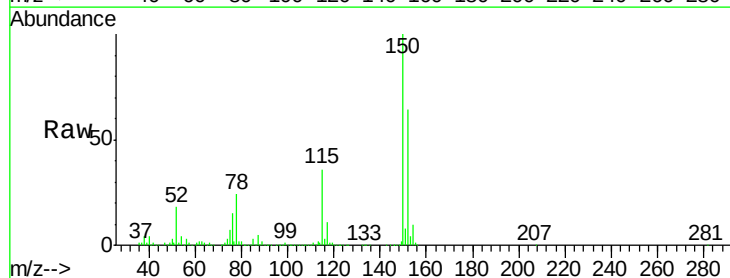
Tgt Ion:152 Resp: 251104

Ion Ratio Lower Upper

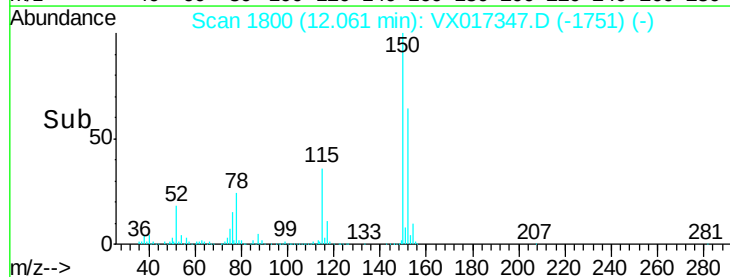
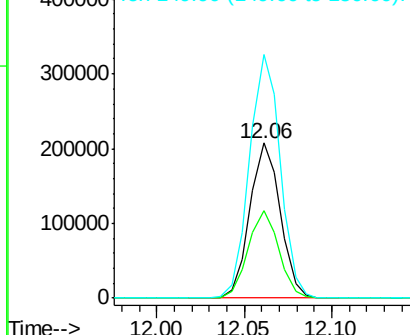
152 100

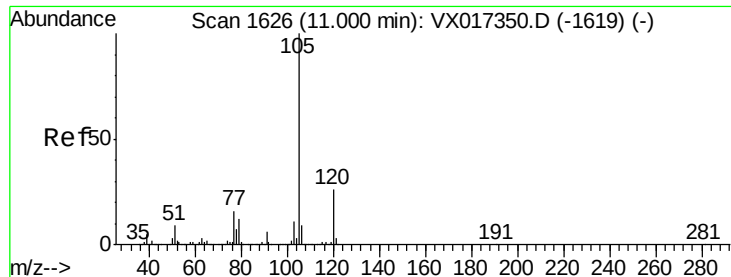
115 57.0 39.9 119.7

150 159.2 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

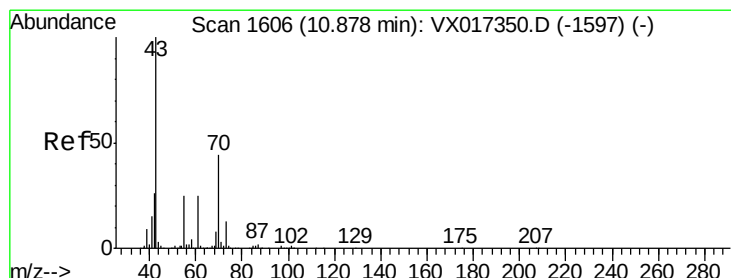
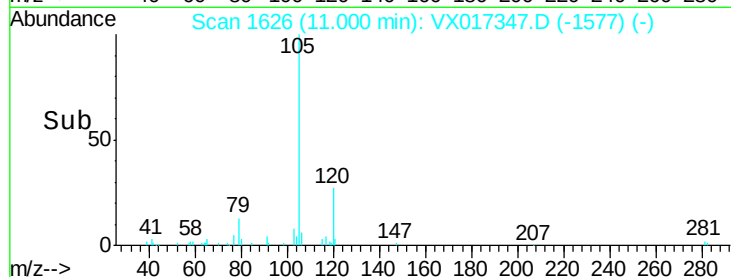
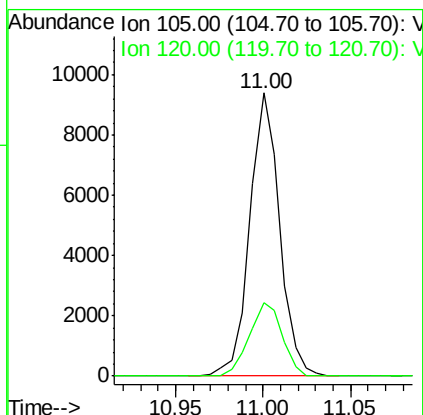
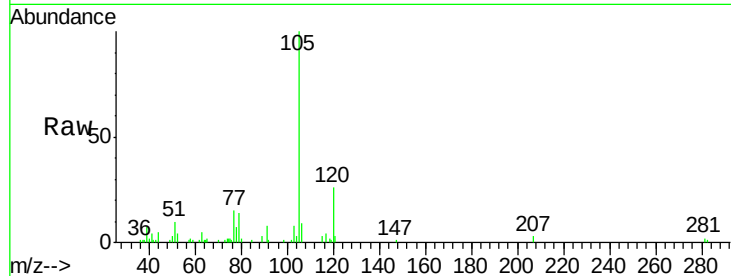




#73
Isopropylbenzene
Concen: 0.678 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

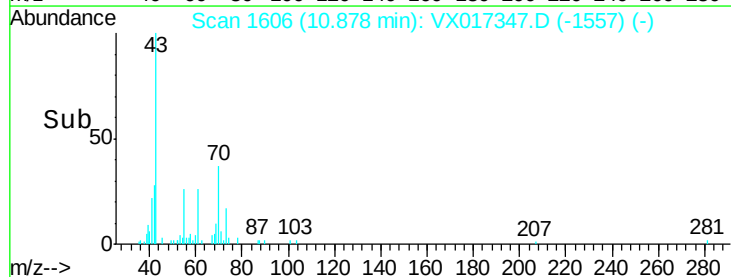
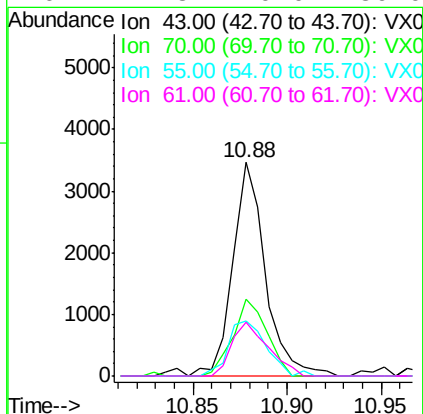
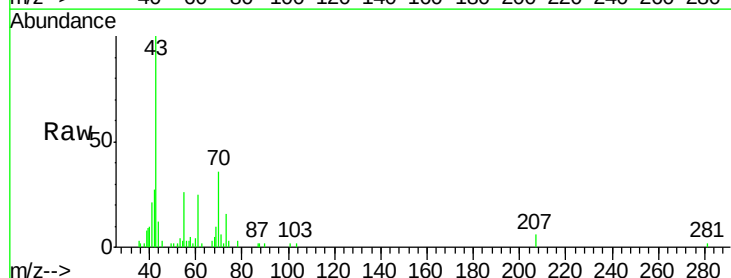
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

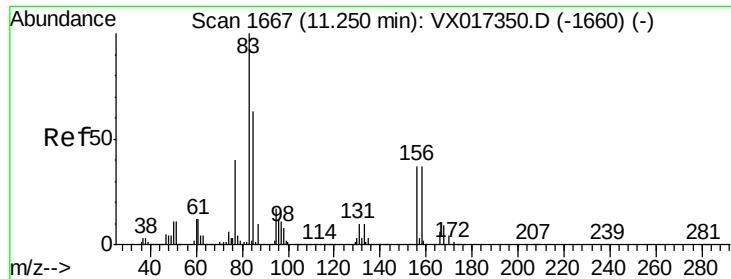
Tgt Ion: 105 Resp: 11101
Ion Ratio Lower Upper
105 100
120 28.4 13.3 39.8



#74
N-ethyl acetate
Concen: 0.603 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

Tgt Ion: 43 Resp: 4161
Ion Ratio Lower Upper
43 100
70 37.3 35.7 53.5
55 30.4 20.3 30.5
61 27.8 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.809 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

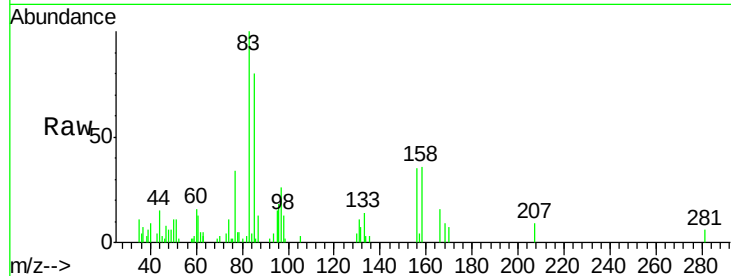
Tgt Ion: 83 Resp: 4141

Ion Ratio Lower Upper

83 100

131 9.3 5.5 16.7

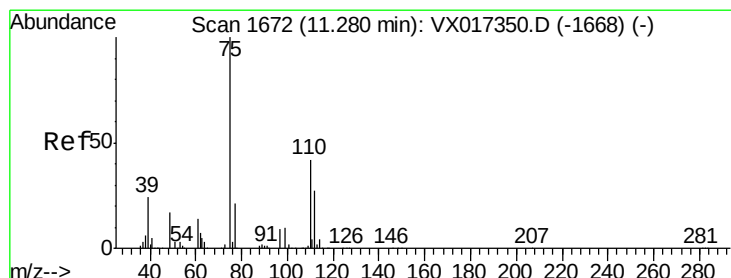
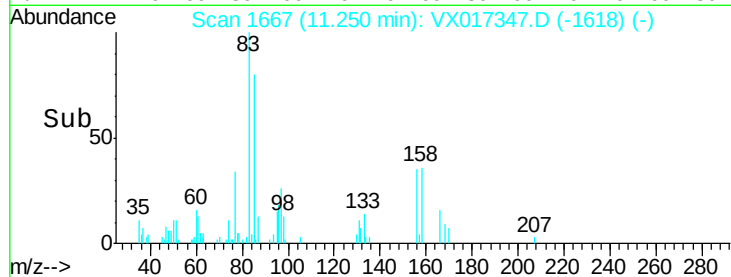
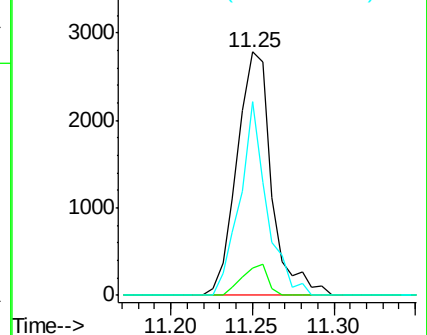
85 61.7 32.6 98.0



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: 1.000 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017347.D

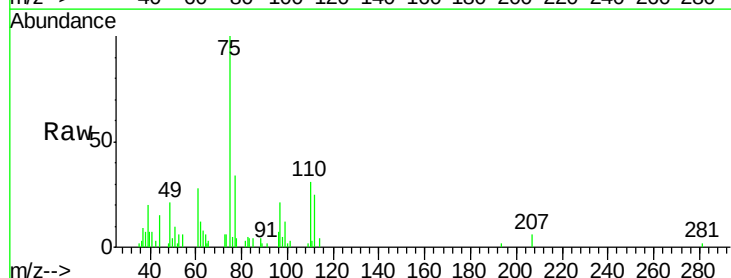
Acq: 13 Jul 2020 09:53

Tgt Ion: 75 Resp: 4888

Ion Ratio Lower Upper

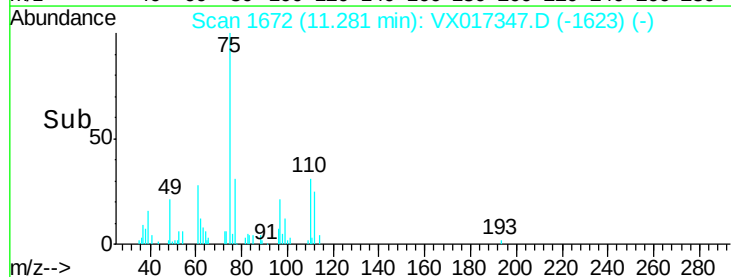
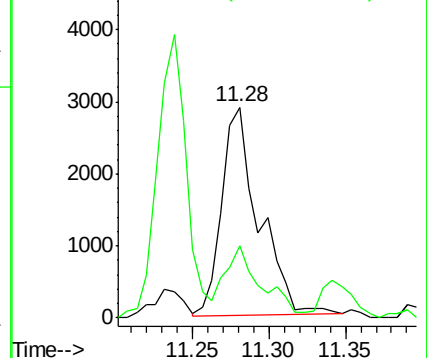
75 100

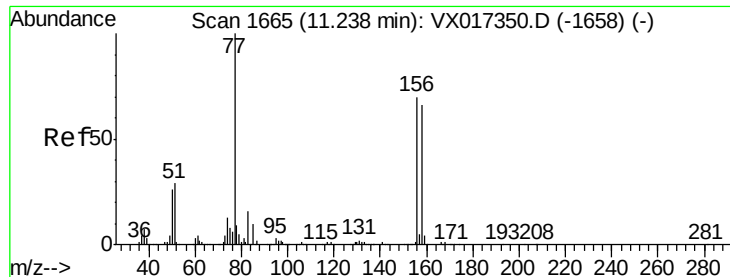
77 33.7 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.829 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

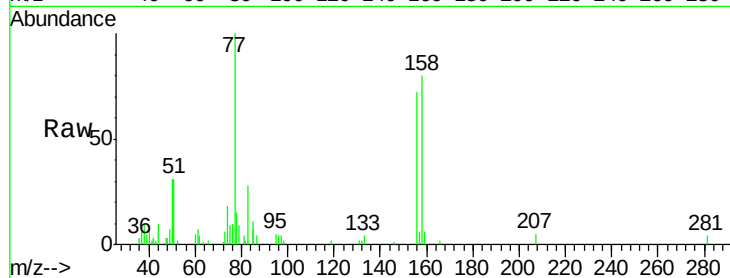
Tgt Ion:156 Resp: 3760

Ion Ratio Lower Upper

156 100

77 138.2 72.1 216.3

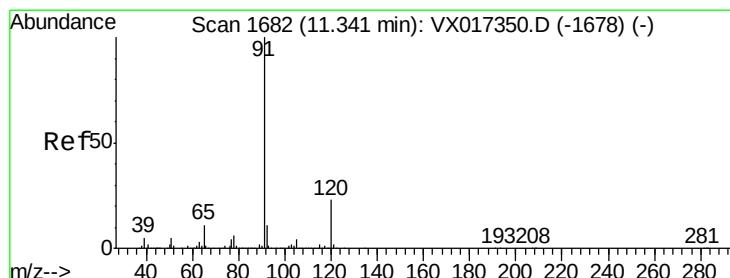
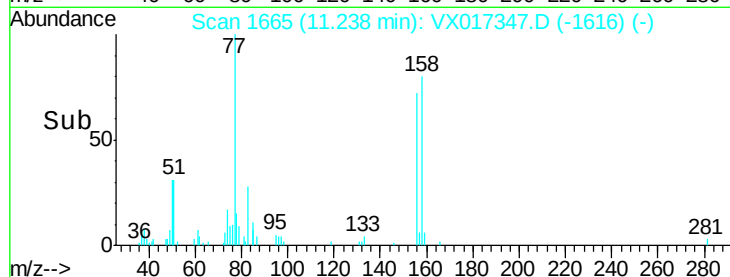
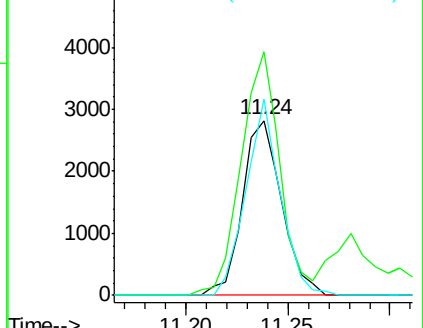
158 98.3 47.4 142.3



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: 0.682 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017347.D

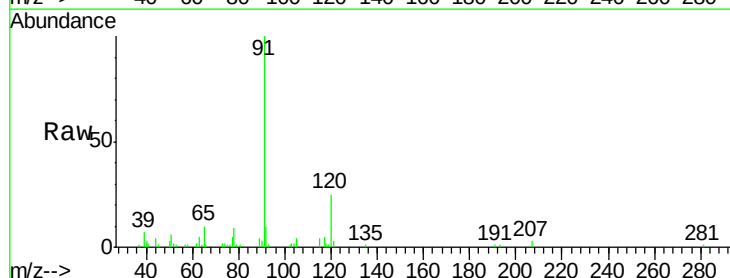
Acq: 13 Jul 2020 09:53

Tgt Ion: 91 Resp: 12645

Ion Ratio Lower Upper

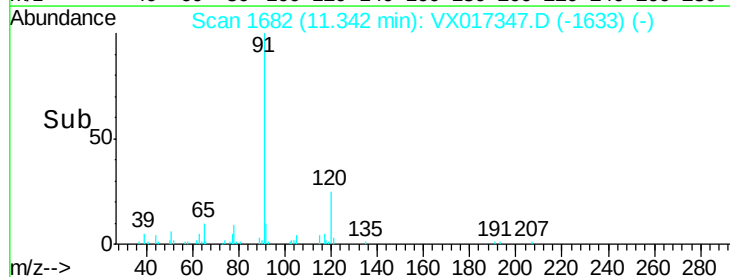
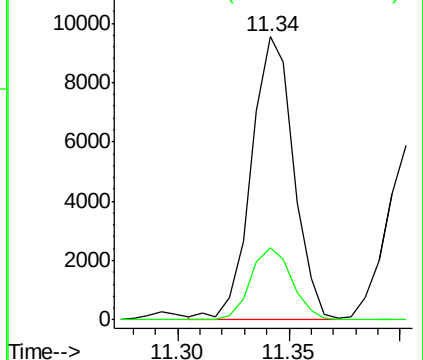
91 100

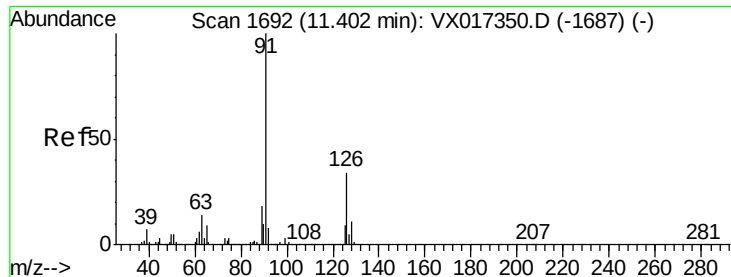
120 24.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

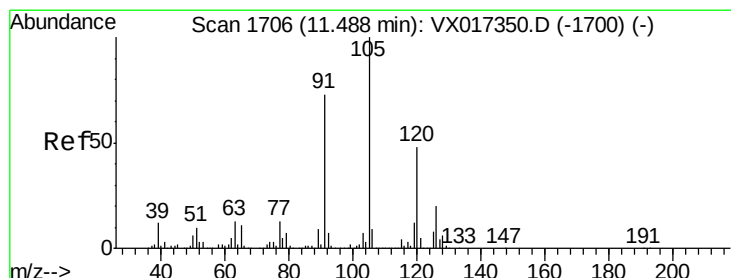
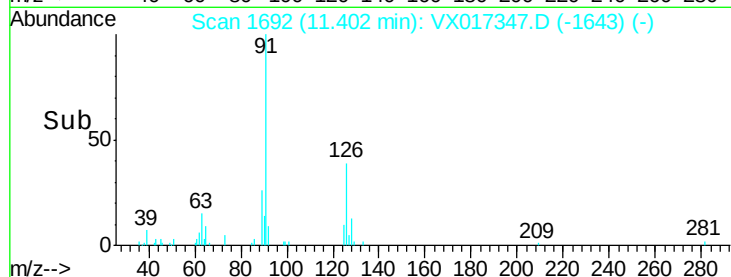
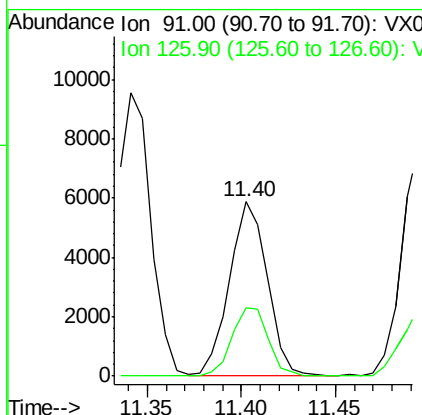
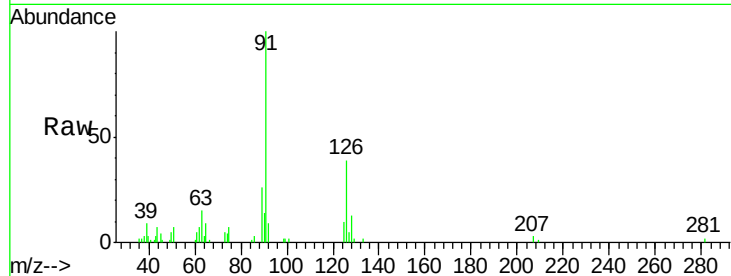




#79
 2-Chlorotoluene
 Concen: 0.734 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

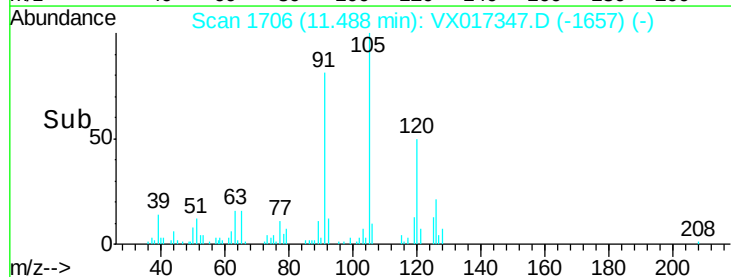
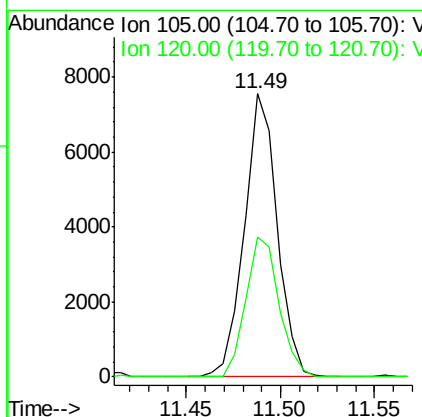
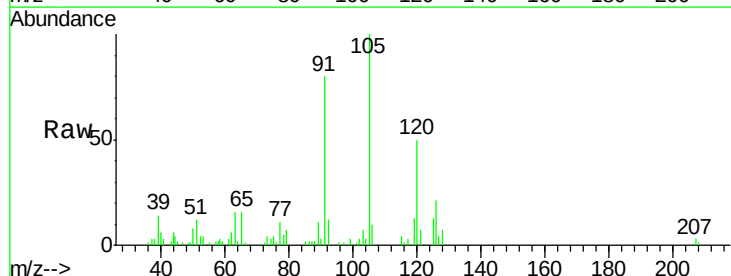
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

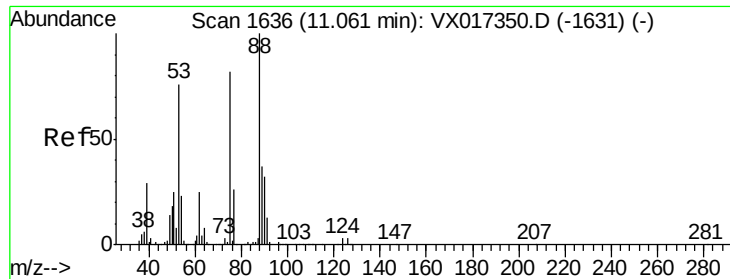
Tgt Ion: 91 Resp: 8234
 Ion Ratio Lower Upper
 91 100
 126 37.4 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 0.670 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

Tgt Ion: 105 Resp: 9114
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 0.837 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

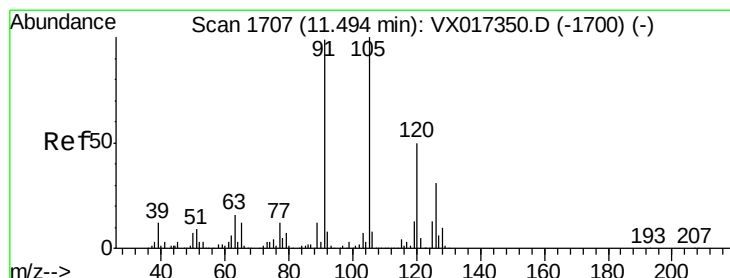
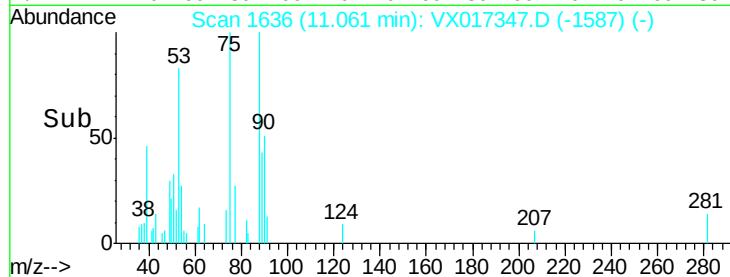
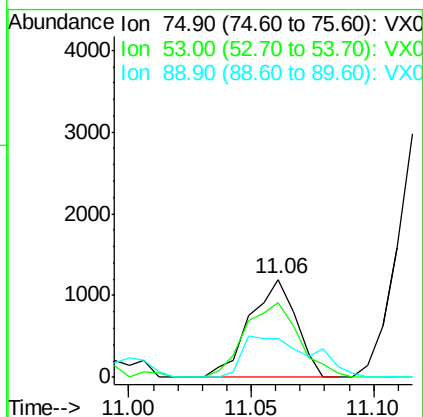
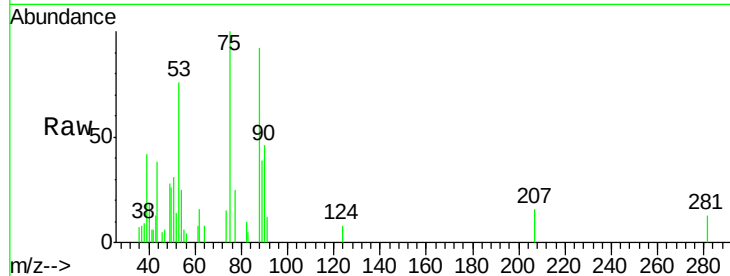
Tgt Ion: 75 Resp: 1576

Ion Ratio Lower Upper

75 100

53 88.9 76.5 114.7

89 61.4 38.1 57.1#



#82

4-Chlorotoluene

Concen: 0.694 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017347.D

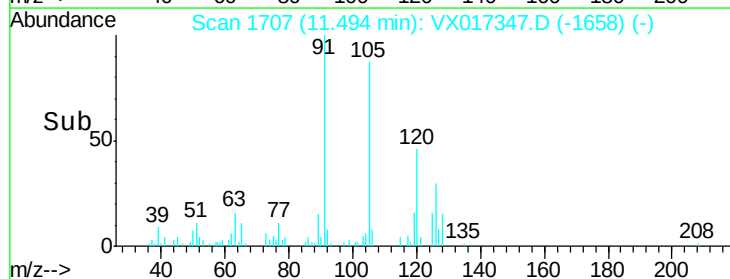
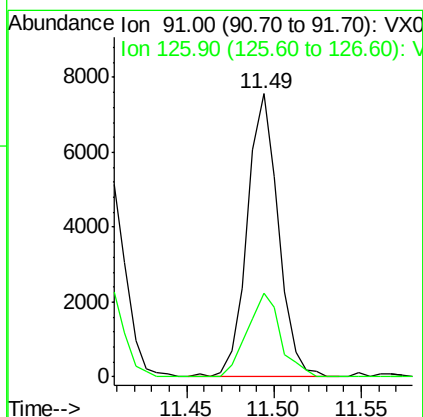
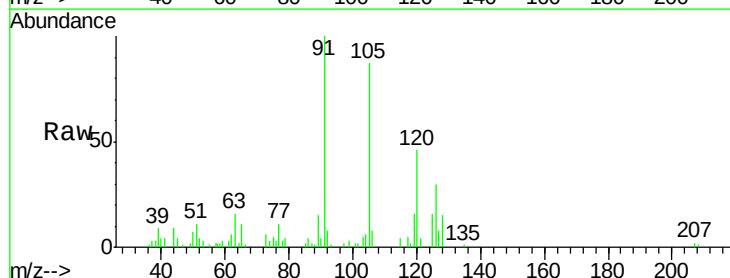
Acq: 13 Jul 2020 09:53

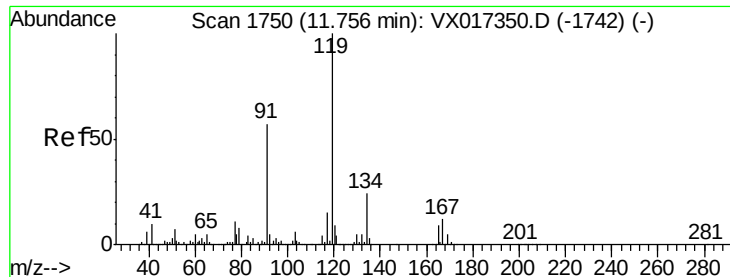
Tgt Ion: 91 Resp: 9320

Ion Ratio Lower Upper

91 100

126 31.9 15.4 46.2

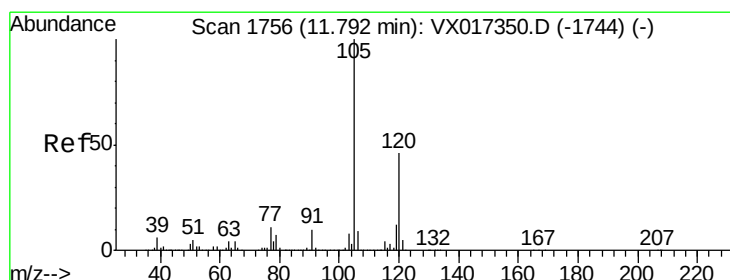
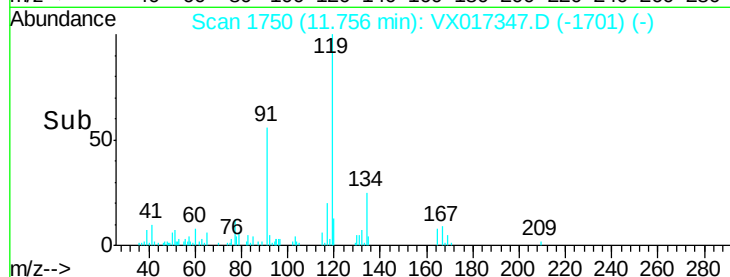
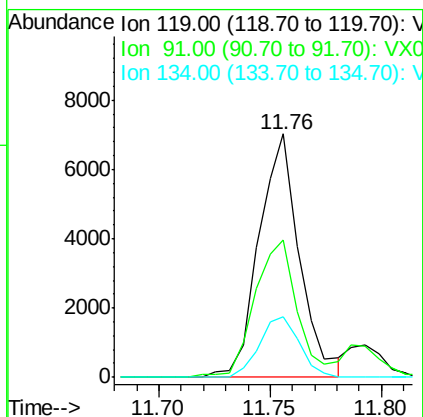
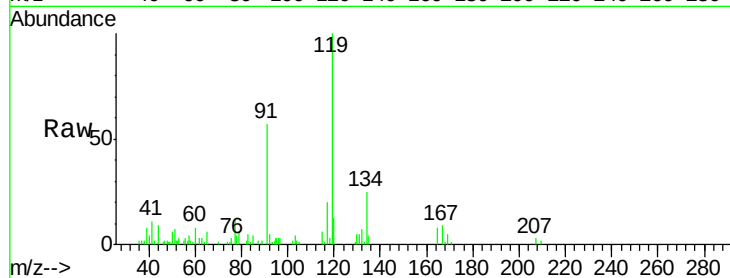




#83
 tert-Butylbenzene
 Concen: 0.666 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

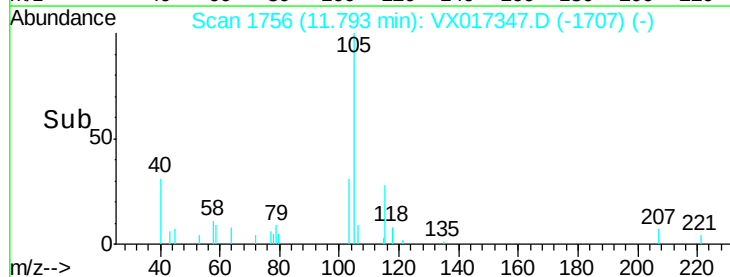
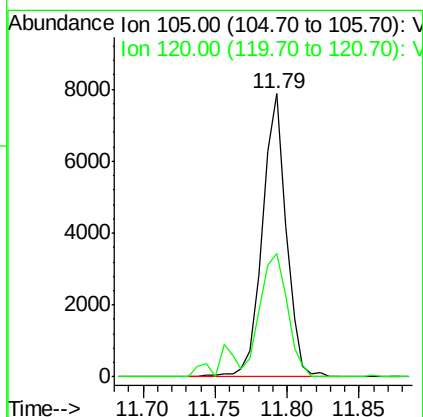
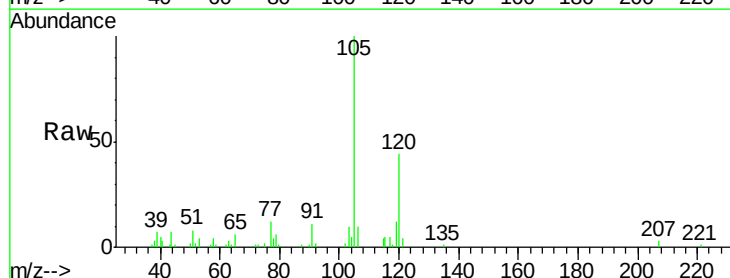
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

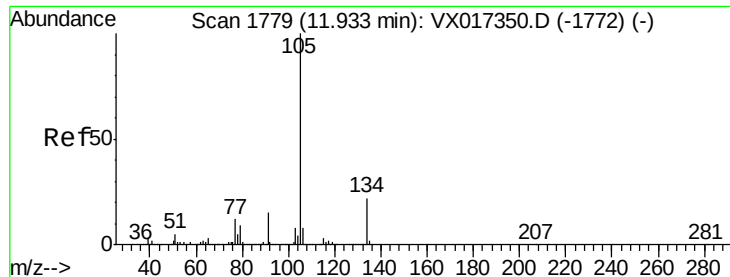
Tgt Ion:119 Resp: 8901
 Ion Ratio Lower Upper
 119 100
 91 58.8 28.5 85.6
 134 24.5 11.9 35.9



#84
 1,2,4-Trimethylbenzene
 Concen: 0.649 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

Tgt Ion:105 Resp: 8980
 Ion Ratio Lower Upper
 105 100
 120 50.0 22.8 68.4





#85

sec-Butylbenzene

Concen: 0.669 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

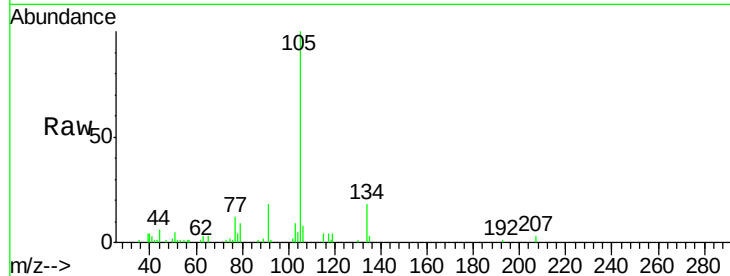
VSTDIC001

Tgt Ion:105 Resp: 10502

Ion Ratio Lower Upper

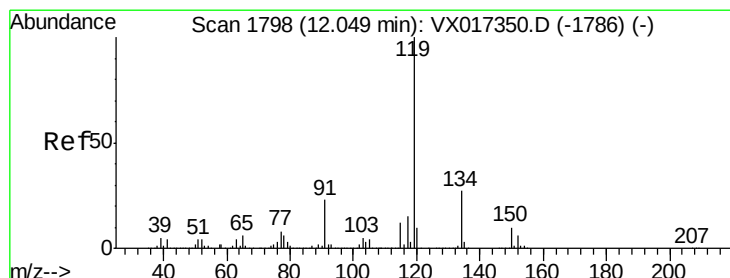
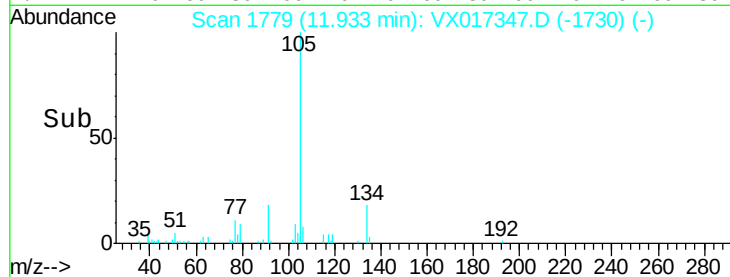
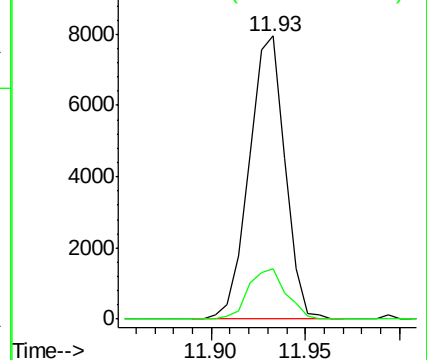
105 100

134 18.5 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.679 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

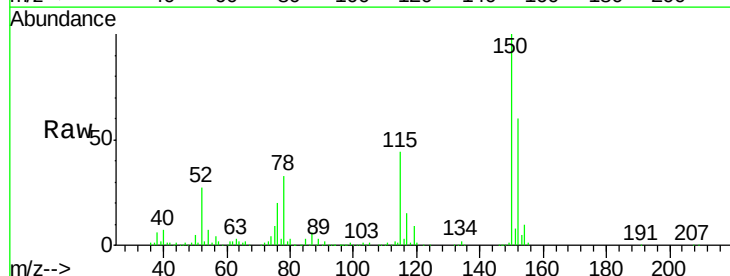
Tgt Ion:119 Resp: 9901

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

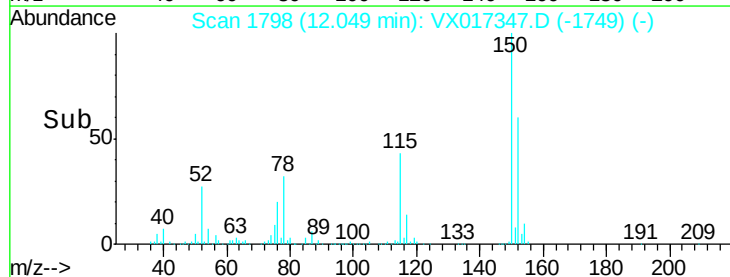
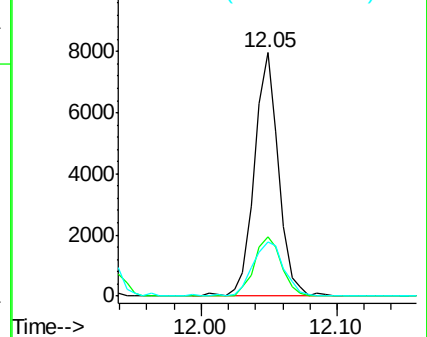
91 28.8 11.8 35.3

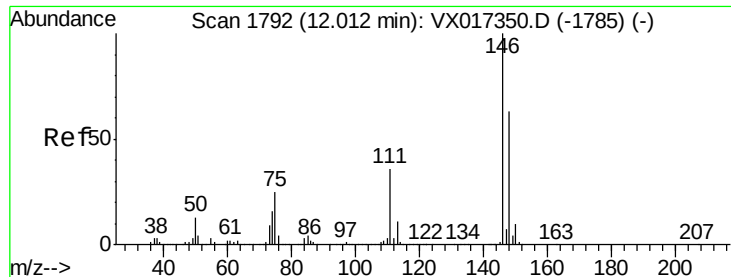


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

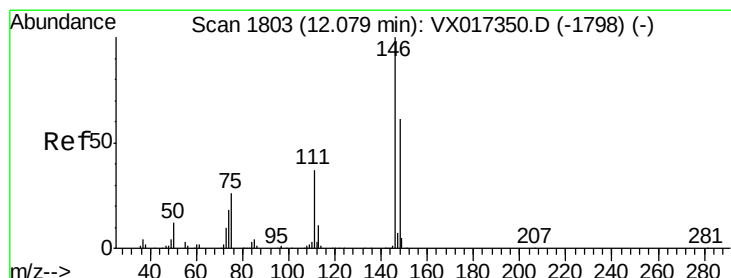
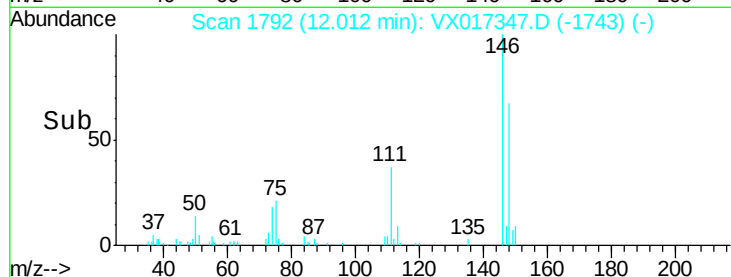
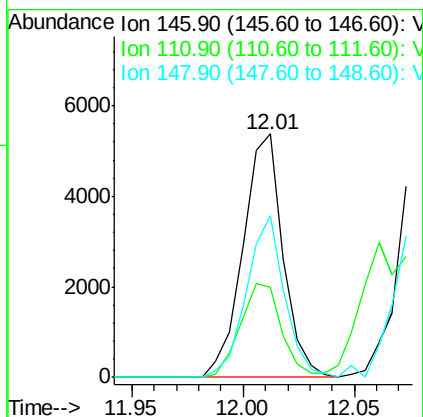
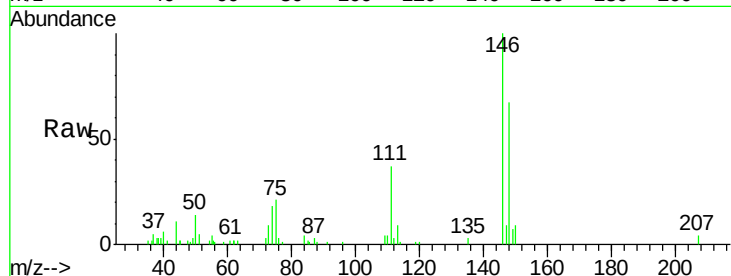




#87
 1,3-Dichlorobenzene
 Concen: 0.820 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

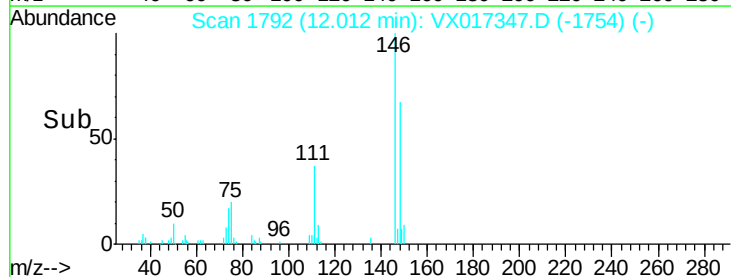
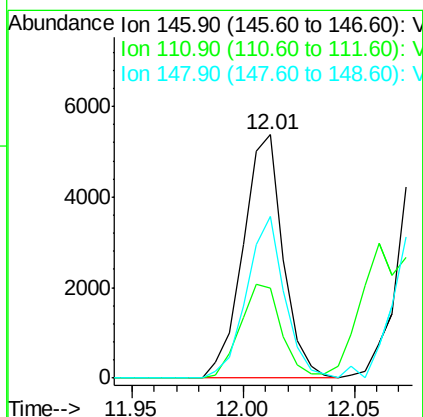
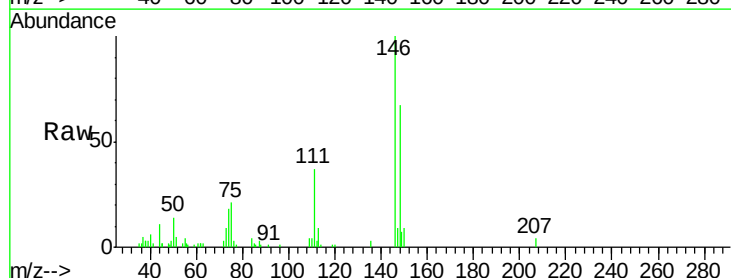
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

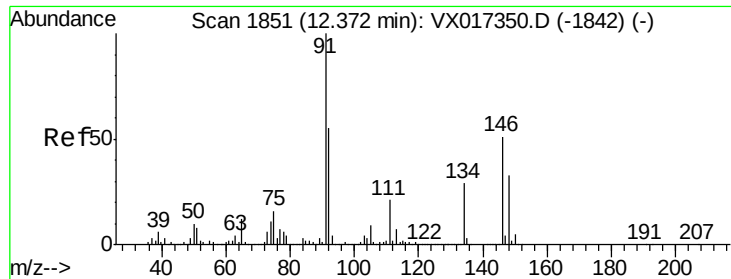
Tgt Ion:146 Resp: 6764
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.2 57.6
 148 63.1 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 0.803 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.07 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

Tgt Ion:146 Resp: 6764
 Ion Ratio Lower Upper
 146 100
 111 39.6 18.9 56.9
 148 63.1 31.9 95.9

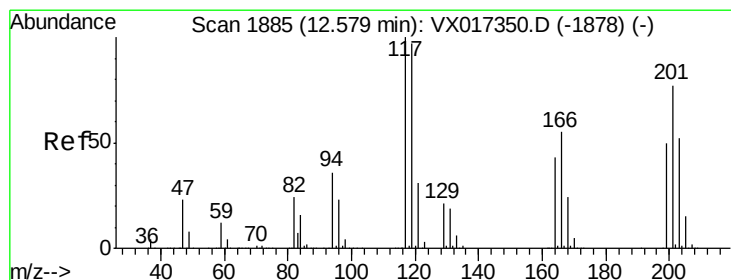
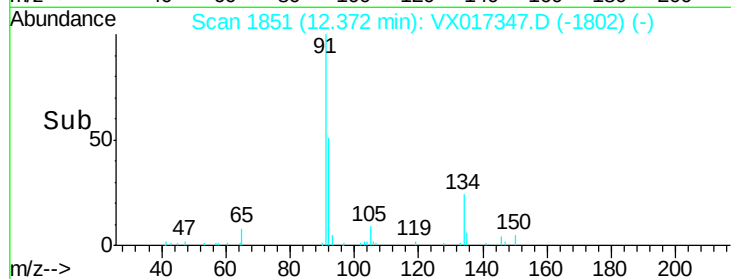
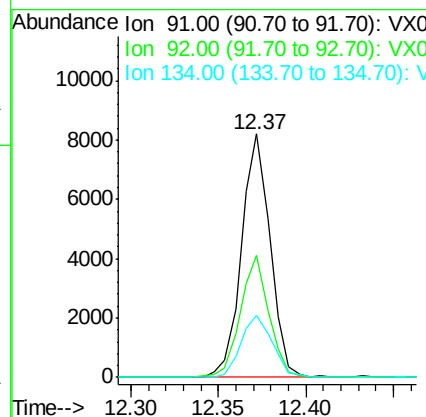
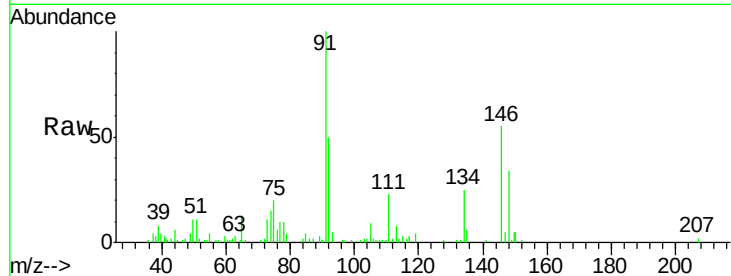




#89
n-Butylbenzene
Concen: 0.717 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

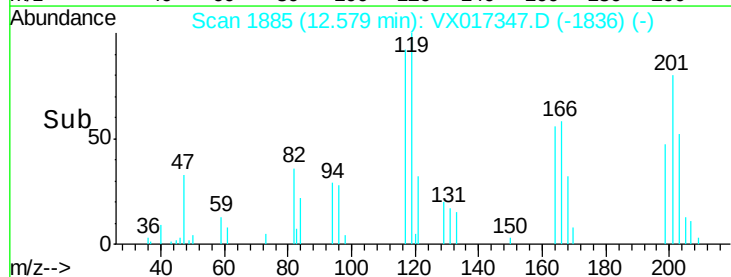
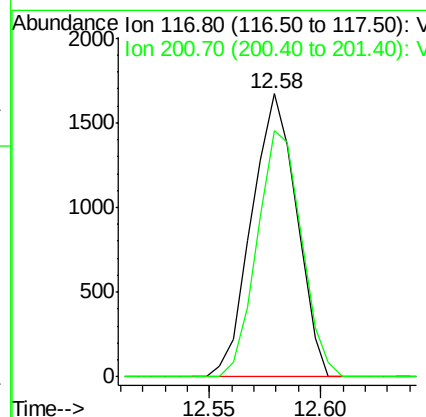
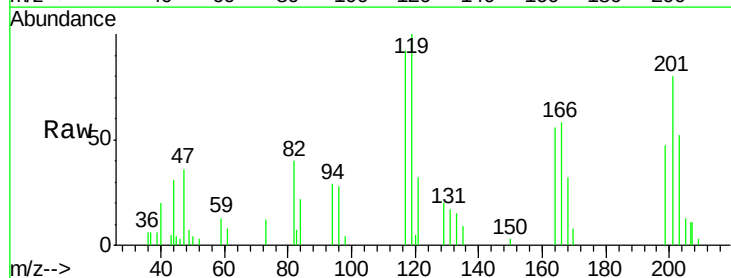
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

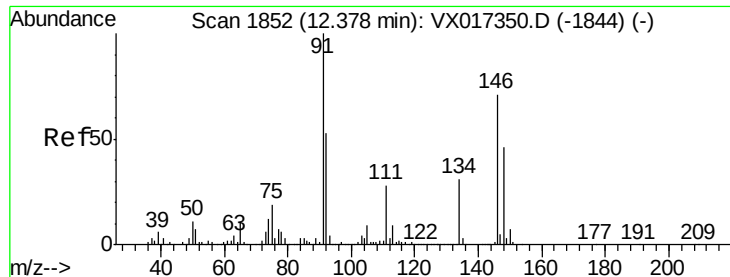
Tgt Ion: 91 Resp: 9307
Ion Ratio Lower Upper
91 100
92 50.0 27.0 81.0
134 27.8 14.1 42.2



#90
Hexachloroethane
Concen: 0.819 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017347.D
Acq: 13 Jul 2020 09:53

Tgt Ion: 117 Resp: 2352
Ion Ratio Lower Upper
117 100
201 85.3 41.0 123.0





#91

1,2-Dichlorobenzene

Concen: 0.792 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

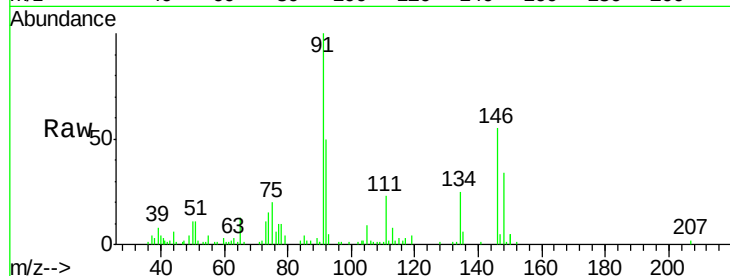
Tgt Ion:146 Resp: 6074

Ion Ratio Lower Upper

146 100

111 40.8 20.3 61.0

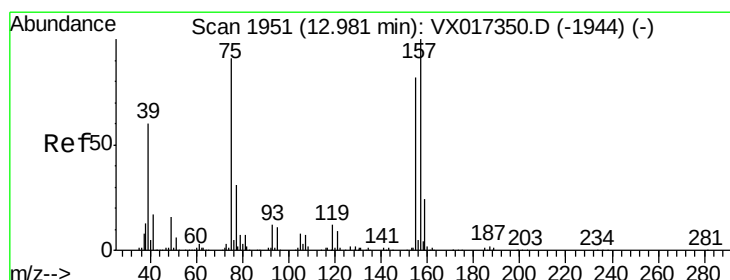
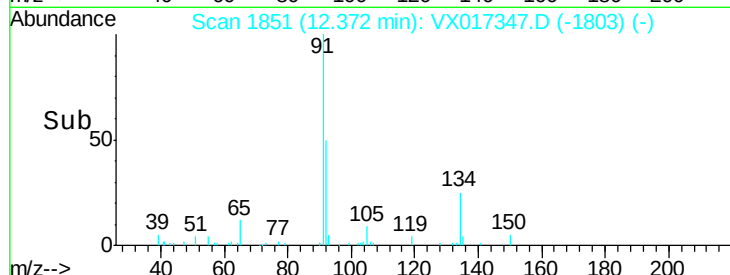
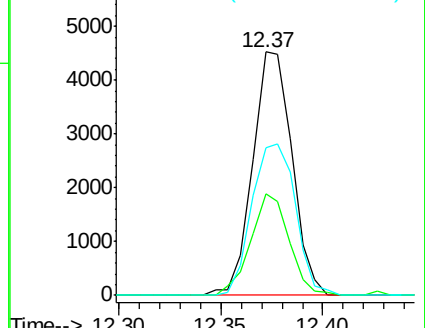
148 68.9 32.0 96.0



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: 0.755 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

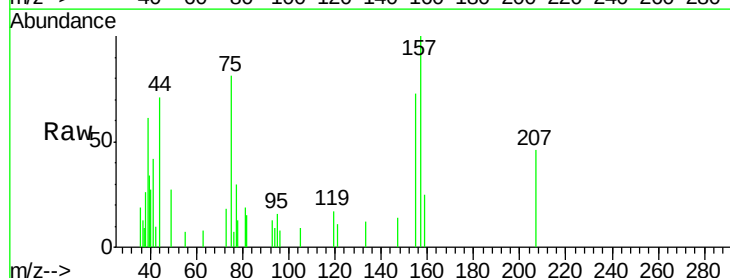
Tgt Ion: 75 Resp: 934

Ion Ratio Lower Upper

75 100

155 87.2 46.5 139.3

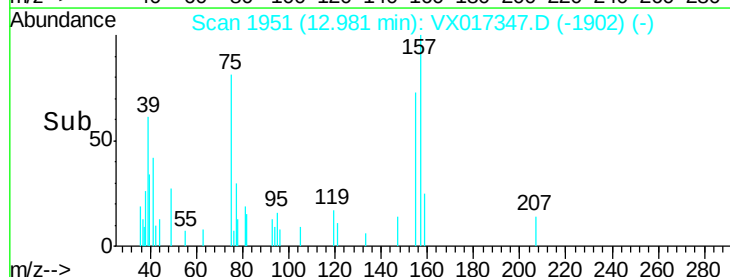
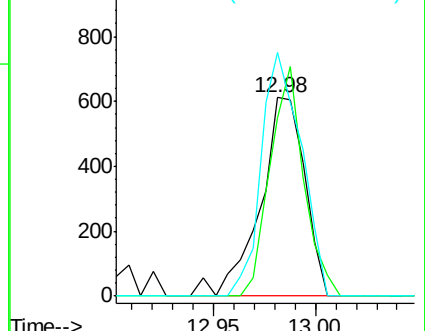
157 110.2 58.0 173.9

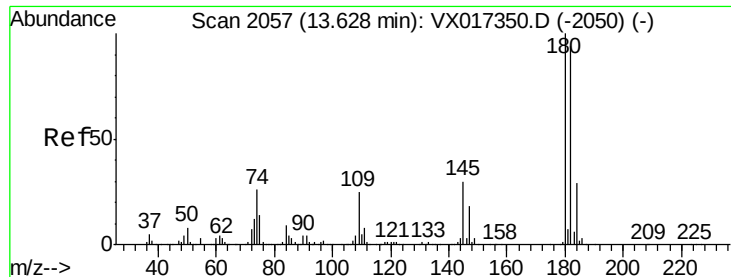


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

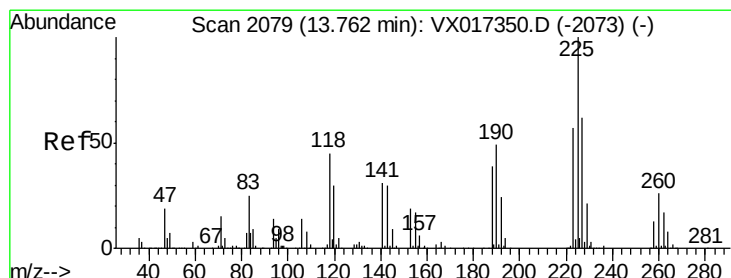
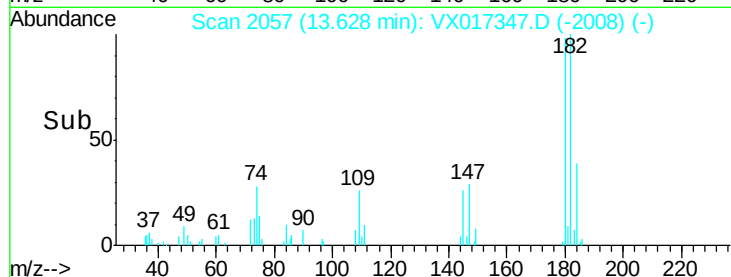
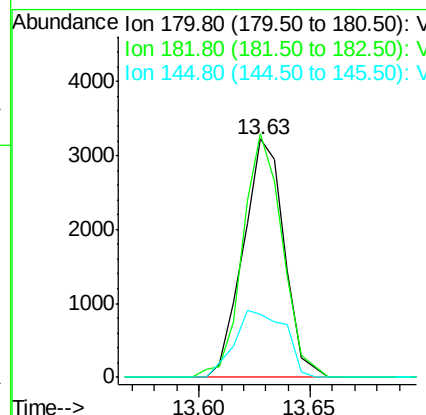
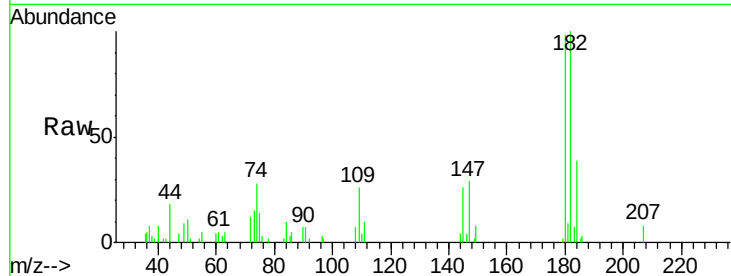




#93
 1,2,4-Trichlorobenzene
 Concen: 0.786 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

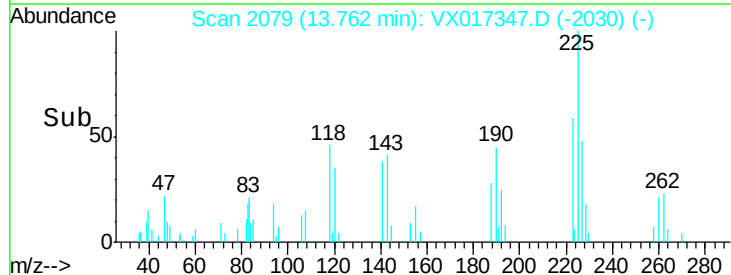
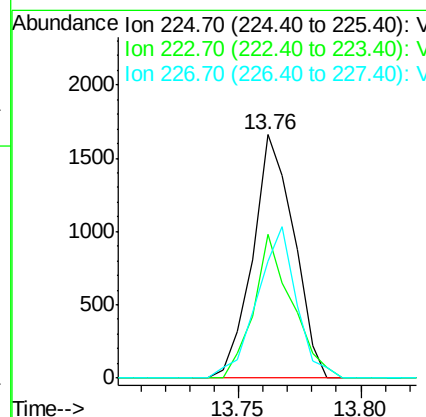
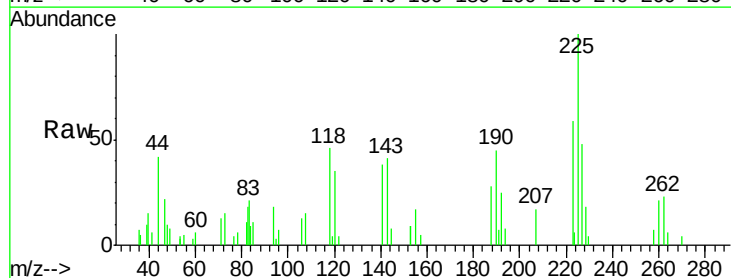
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

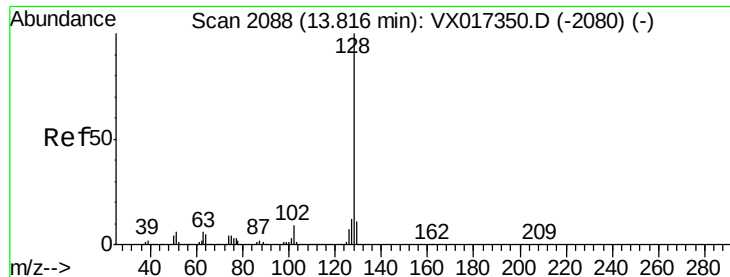
Tgt Ion:180 Resp: 4132
 Ion Ratio Lower Upper
 180 100
 182 98.9 48.4 145.0
 145 34.8 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 0.905 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX017347.D
 Acq: 13 Jul 2020 09:53

Tgt Ion:225 Resp: 1945
 Ion Ratio Lower Upper
 225 100
 223 54.8 31.3 93.8
 227 59.1 31.6 95.0





#95

Naphthalene

Concen: 0.677 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

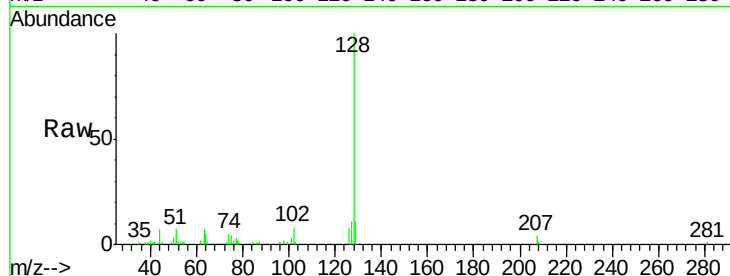
Tgt Ion:128 Resp: 10711

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

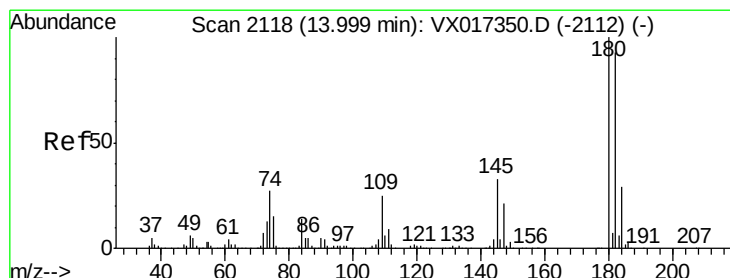
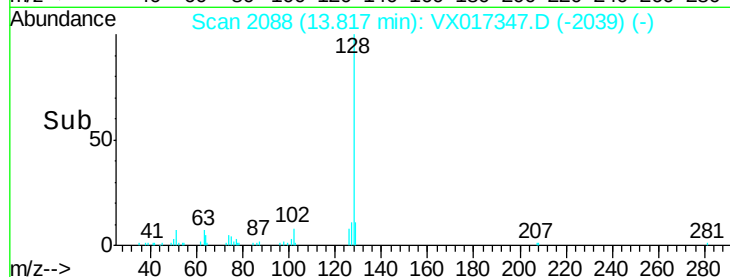
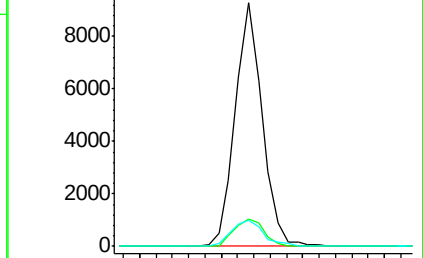
129 12.5 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.645 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017347.D

Acq: 13 Jul 2020 09:53

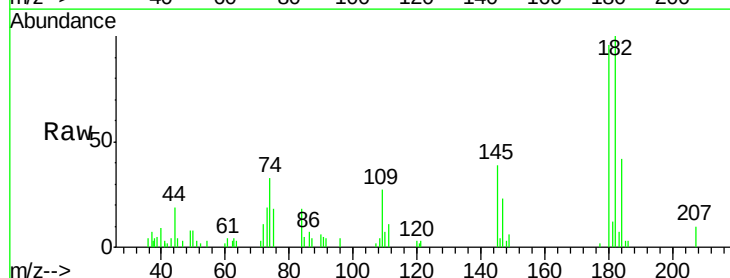
Tgt Ion:180 Resp: 3272

Ion Ratio Lower Upper

180 100

182 108.2 48.8 146.3

145 40.1 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

