

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100920\
 Data File : VX018854.D
 Acq On : 09 Oct 2020 13:11
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 09 13:41:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 09 13:36:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	201961	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	311969	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	308311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	169998	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	458317	158.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	317.48%	
35) Dibromofluoromethane	5.47	113	336273	154.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.26%	
50) Toluene-d8	8.70	98	1199206	152.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.44%	
62) 4-Bromofluorobenzene	11.12	95	504881	160.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	321.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	370782	187.247	ug/l	97
3) Chloromethane	1.31	50	295229	134.598	ug/l	100
4) Vinyl Chloride	1.39	62	333004	142.949	ug/l	98
5) Bromomethane	1.62	94	205241	148.595	ug/l	99
6) Chloroethane	1.70	64	209574	154.925	ug/l	97
7) Trichlorofluoromethane	1.91	101	626651	169.523	ug/l	99
8) Diethyl Ether	2.17	74	179827	143.110	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	294738	151.933	ug/l	98
10) Methyl Iodide	2.49	142	334201	165.398	ug/l	99
11) Tert butyl alcohol	3.03	59	386636	786.867	ug/l	98
12) 1,1-Dichloroethene	2.35	96	285671	147.324	ug/l	95
13) Acrolein	2.28	56	307281	940.672	ug/l	97
14) Allyl chloride	2.70	41	525334	141.364	ug/l	99
15) Acrylonitrile	3.12	53	775848	675.663	ug/l	99
16) Acetone	2.42	43	838471	756.023	ug/l	99
17) Carbon Disulfide	2.54	76	831568	144.065	ug/l	100
18) Methyl Acetate	2.75	43	368123	139.261	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	990183	146.511	ug/l	99
20) Methylene Chloride	2.83	84	325321	136.413	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	327919	145.261	ug/l	98
22) Diisopropyl ether	3.82	45	928218	134.088	ug/l	92
23) Vinyl Acetate	3.79	43	4766286	764.255	ug/l	100
24) 1,1-Dichloroethane	3.67	63	594121	145.733	ug/l	98
25) 2-Butanone	4.64	43	1256005	745.998	ug/l	98
26) 2,2-Dichloropropane	4.55	77	577229	151.359	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	361888	143.643	ug/l	100
28) Bromochloromethane	4.98	49	280822	148.854	ug/l	94
29) Tetrahydrofuran	5.09	42	704210	681.809	ug/l	99
30) Chloroform	5.18	83	653406	155.986	ug/l	98
31) Cyclohexane	5.54	56	447722	134.671	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	622319	158.016	ug/l	99
36) 1,1-Dichloropropene	5.77	75	469951	154.501	ug/l	99
37) Ethyl Acetate	4.79	43	493008	153.022	ug/l	99
38) Carbon Tetrachloride	5.75	117	594128	172.218	ug/l	99

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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)
39) Methylcyclohexane	7.44	83	475571	142.803	ug/l	99
40) Benzene	6.12	78	1283644	148.104	ug/l	100
41) Methacrylonitrile	5.01	41	279829	156.041	ug/l	98
42) 1,2-Dichloroethane	6.16	62	572998	165.646	ug/l	100
43) Isopropyl Acetate	6.42	43	828903	155.644	ug/l	100
44) Trichloroethene	7.19	130	377417	149.976	ug/l	100
45) 1,2-Dichloropropane	7.49	63	340031	143.561	ug/l	99
46) Dibromomethane	7.63	93	252740	154.045	ug/l	99
47) Bromodichloromethane	7.88	83	545386	162.756	ug/l	99
48) Methyl methacrylate	7.75	41	427180	163.621	ug/l	99
49) 1,4-Dioxane	7.72	88	112606	2670.623	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2506367	786.879	ug/l	100
52) Toluene	8.77	92	846372	153.940	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	619062	163.957	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	615337	159.427	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	355200	155.941	ug/l	99
56) Ethyl methacrylate	9.16	69	565886	169.462	ug/l	99
57) 1,3-Dichloropropane	9.35	76	599886	156.707	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1408186	789.085	ug/l	100
59) 2-Hexanone	9.48	43	1917461	791.592	ug/l	99
60) Dibromochloromethane	9.57	129	471330	172.101	ug/l	97
61) 1,2-Dibromoethane	9.65	107	396609	163.308	ug/l	98
64) Tetrachloroethene	9.32	164	326434	135.015	ug/l	98
65) Chlorobenzene	10.12	112	966173	151.291	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	411996	160.663	ug/l	98
67) Ethyl Benzene	10.24	91	1748716	157.979	ug/l	98
68) m/p-Xylenes	10.34	106	1326870	316.098	ug/l	100
69) o-Xylene	10.68	106	650333	164.136	ug/l	99
70) Styrene	10.70	104	1115950	163.424	ug/l	99
71) Bromoform	10.84	173	369225	170.481	ug/l #	100
73) Isopropylbenzene	11.00	105	1813772	159.308	ug/l	99
74) N-amyl acetate	10.88	43	756829	150.380	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	530968	142.230	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	669458	187.819	ug/l	86
77) Bromobenzene	11.24	156	466407	148.593	ug/l	99
78) n-propylbenzene	11.35	91	2038404	153.901	ug/l	99
79) 2-Chlorotoluene	11.40	91	1205794	149.955	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1545414	158.497	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	203382	148.496	ug/l	97
82) 4-Chlorotoluene	11.49	91	1470255	153.503	ug/l	99
83) tert-Butylbenzene	11.76	119	1538888	162.397	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1552876	158.600	ug/l	100
85) sec-Butylbenzene	11.93	105	1747321	157.073	ug/l	99
86) p-Isopropyltoluene	12.05	119	1665223	162.015	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	836557	148.252	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	846175	148.518	ug/l	97
89) n-Butylbenzene	12.37	91	1450582	154.160	ug/l	100
90) Hexachloroethane	12.58	117	294047	145.822	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	797446	150.554	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	149256	163.531	ug/l	94

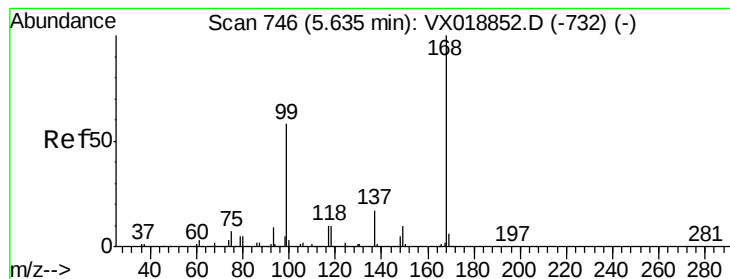
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100920\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	567496	155.392	ug/l	99
94) Hexachlorobutadiene	13.76	225	228551	148.923	ug/l	98
95) Naphthalene	13.82	128	1827332	165.814	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	552251	157.848	ug/l	98

(#) = 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: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

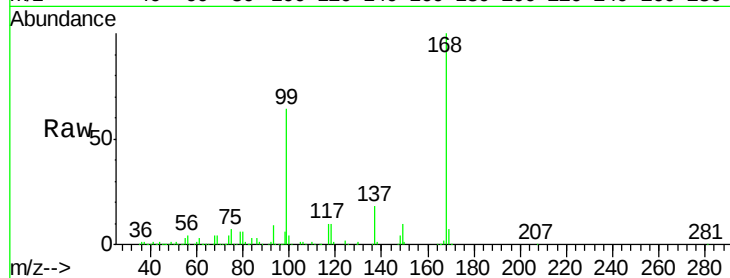
VSTDIC150

Tgt Ion:168 Resp: 201961

Ion Ratio Lower Upper

168 100

99 64.0 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

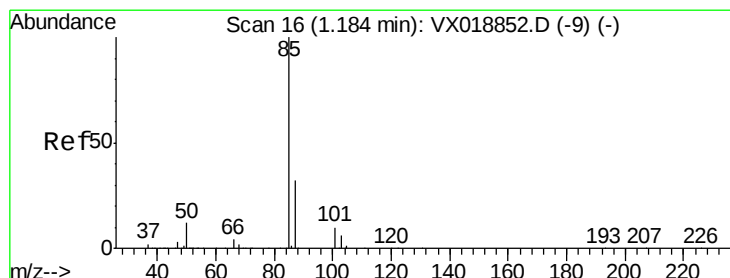
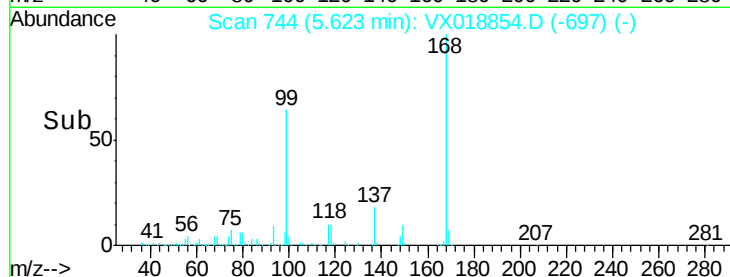
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 187.247 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018854.D

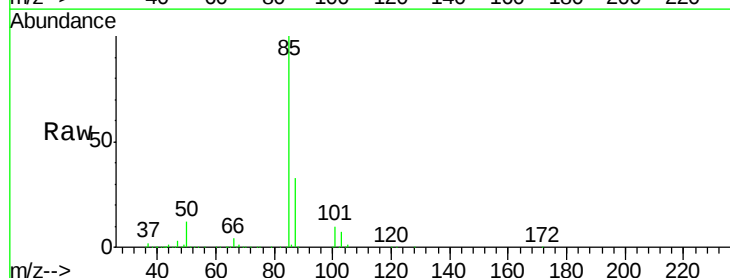
Acq: 09 Oct 2020 13:11

Tgt Ion: 85 Resp: 370782

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

400000

300000

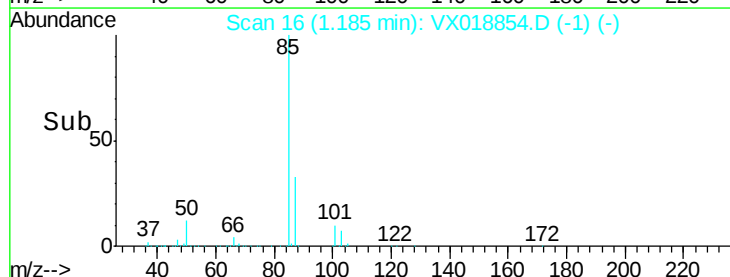
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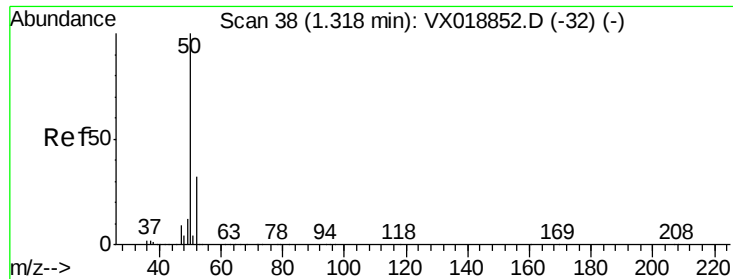
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0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 134.598 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

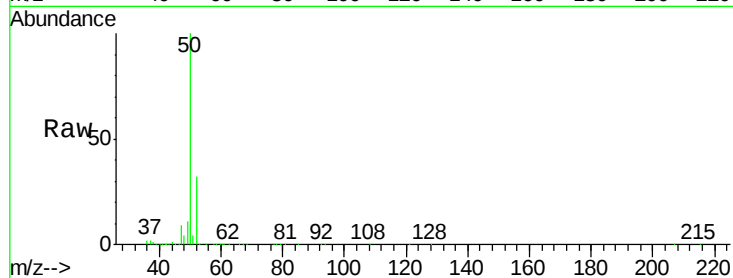
VSTDIC150

Tgt Ion: 50 Resp: 295229

Ion Ratio Lower Upper

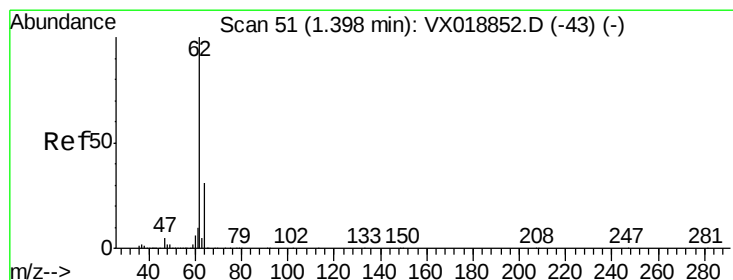
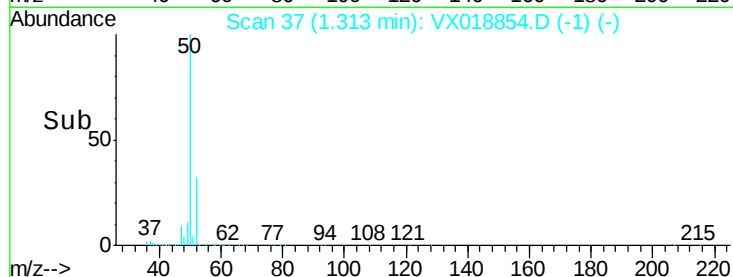
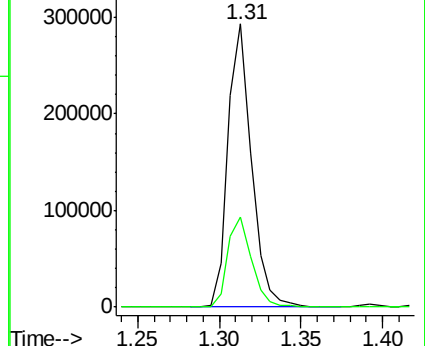
50 100

52 31.7 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 142.949 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018854.D

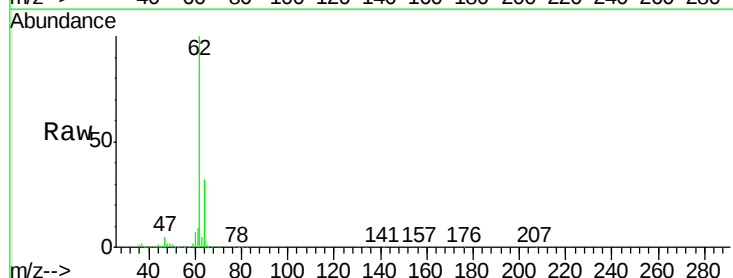
Acq: 09 Oct 2020 13:11

Tgt Ion: 62 Resp: 333004

Ion Ratio Lower Upper

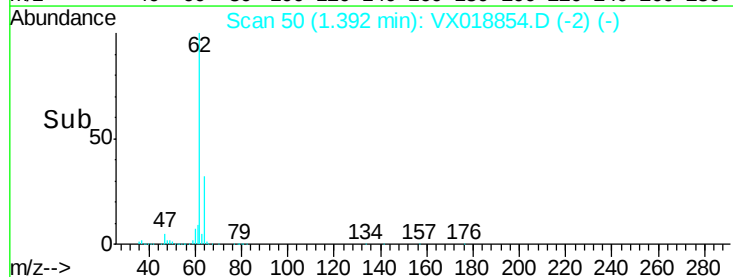
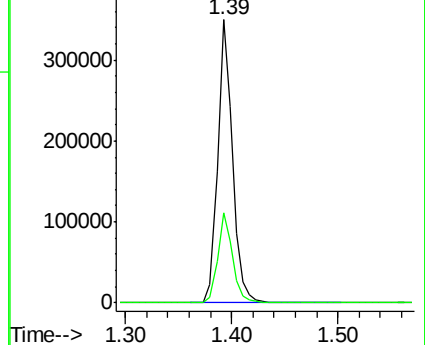
62 100

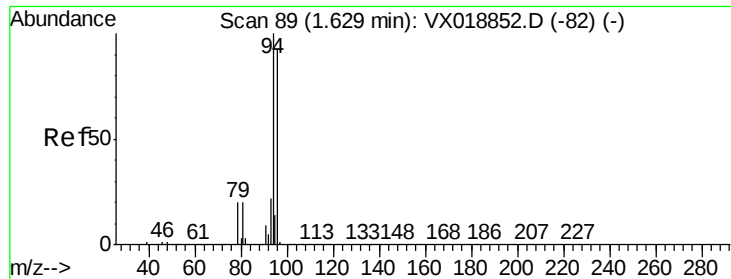
64 31.7 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 148.595 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

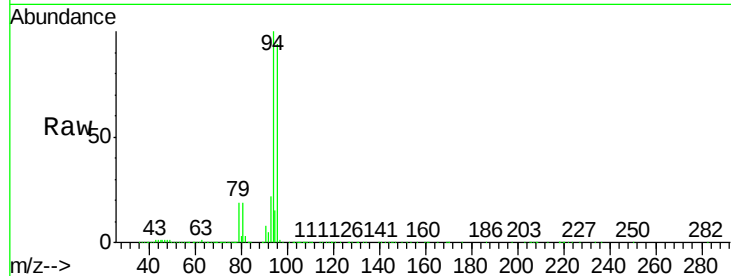
VSTDIC150

Tgt Ion: 94 Resp: 205241

Ion Ratio Lower Upper

94 100

96 94.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

250000

200000

150000

100000

50000

0

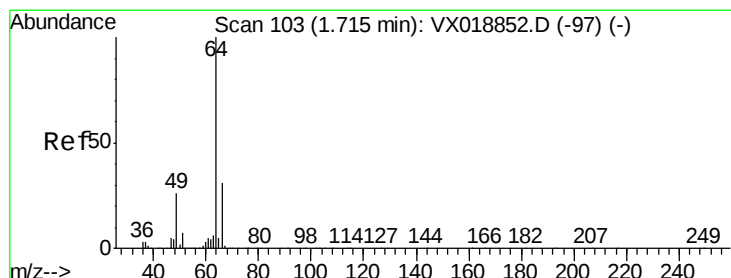
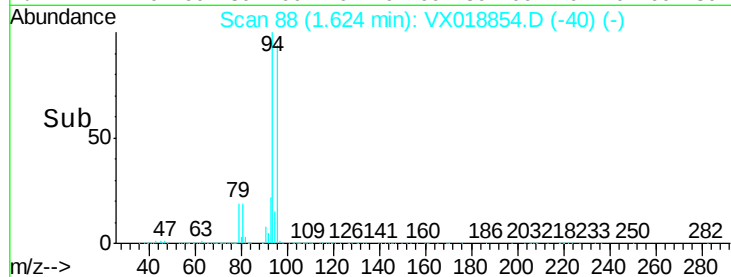
1.62

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: 154.925 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.02 min

Lab File: VX018854.D

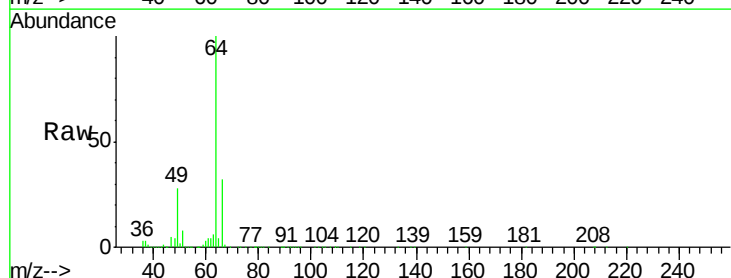
Acq: 09 Oct 2020 13:11

Tgt Ion: 64 Resp: 209574

Ion Ratio Lower Upper

64 100

66 32.4 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

150000

100000

50000

0

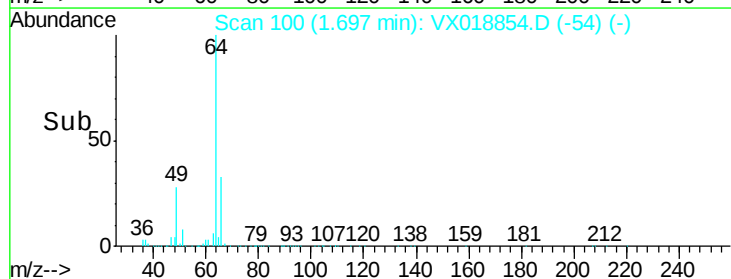
1.70

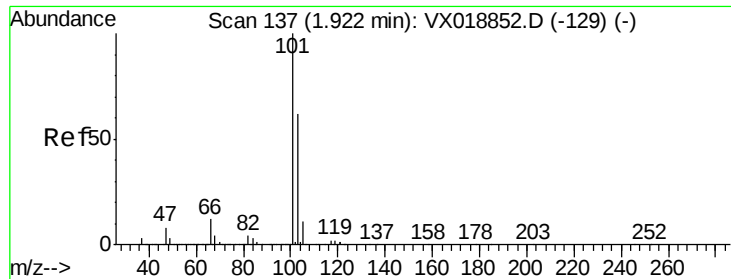
1.65

1.75

1.80

Time-->



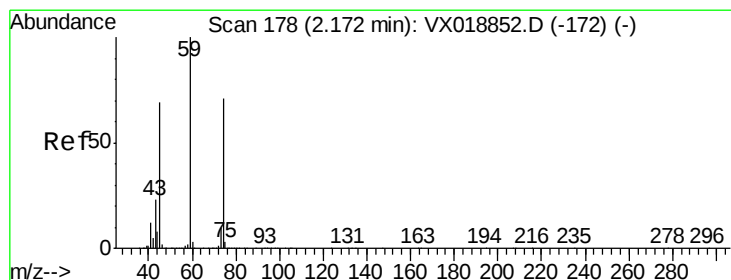
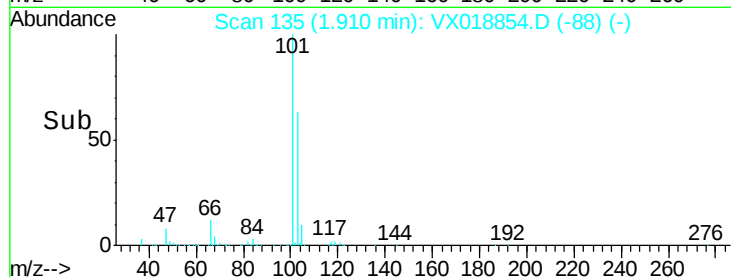
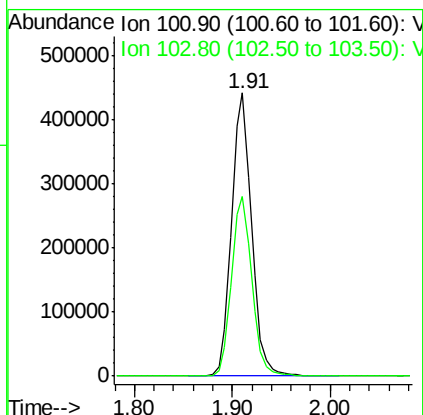
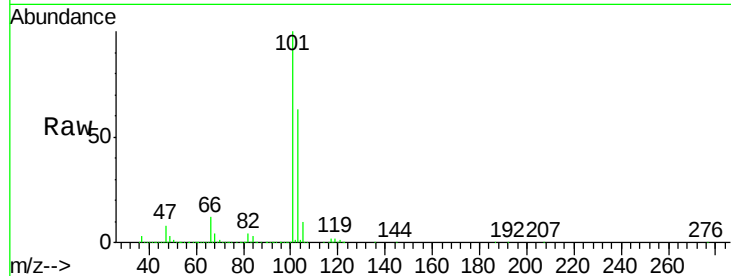


#7

Trichlorofluoromethane
 Concen: 169.523 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

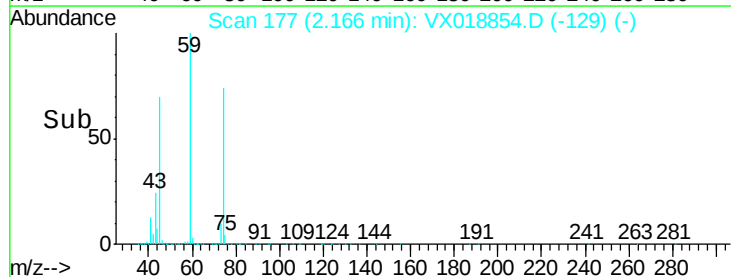
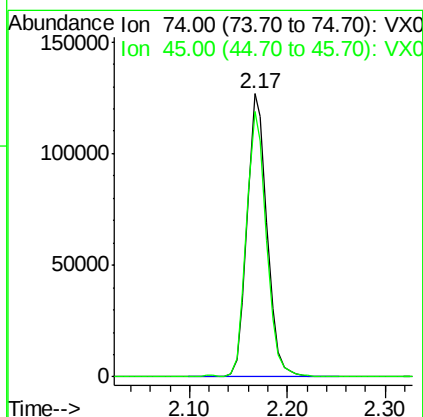
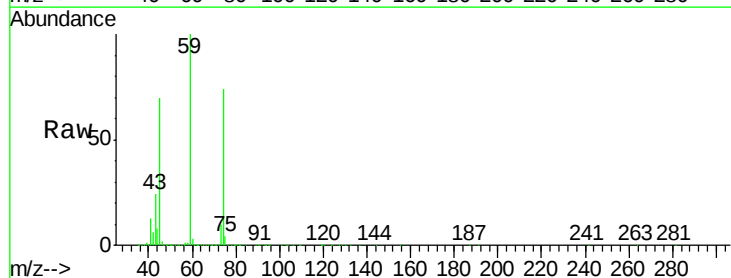
Tgt Ion:101 Resp: 626651
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.0 75.0

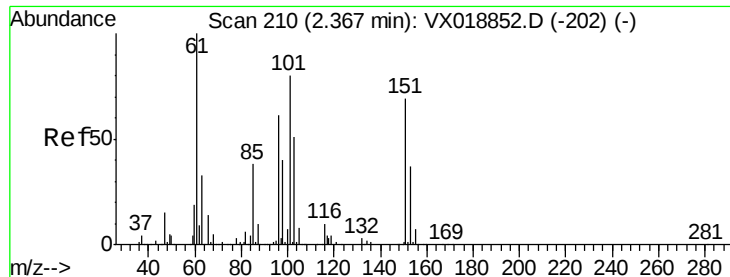


#8

Diethyl Ether
 Concen: 143.110 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Tgt Ion: 74 Resp: 179827
 Ion Ratio Lower Upper
 74 100
 45 93.9 47.0 141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 151.933 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

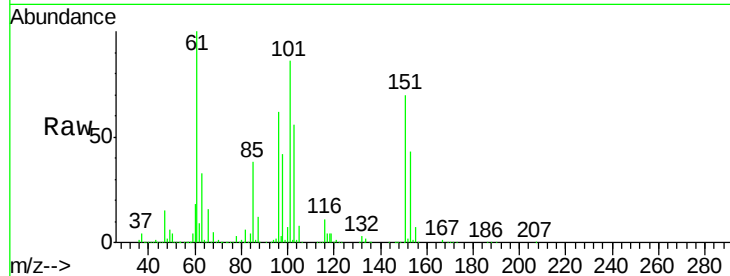
Tgt Ion:101 Resp: 294738

Ion Ratio Lower Upper

101 100

85 45.3 36.6 55.0

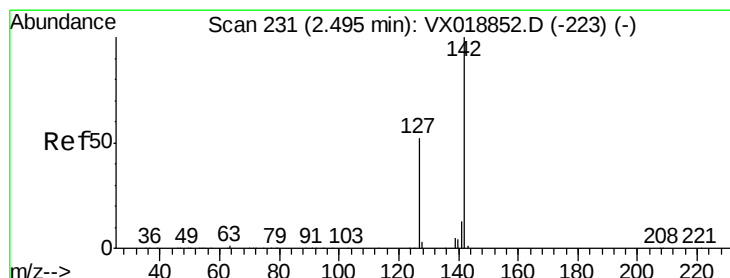
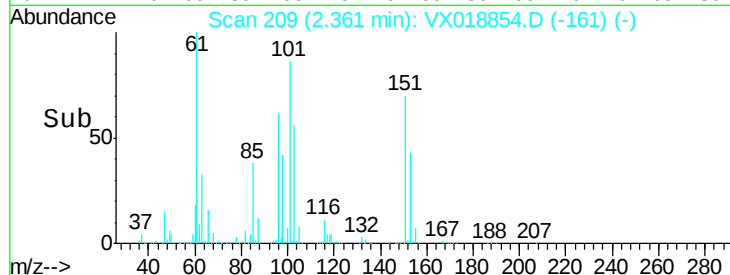
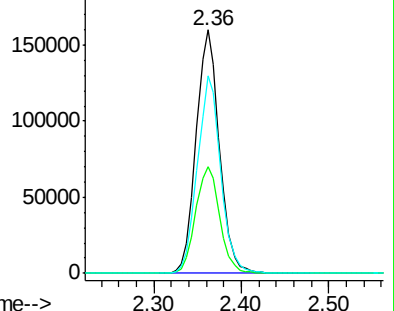
151 81.5 67.2 100.8



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: 165.398 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

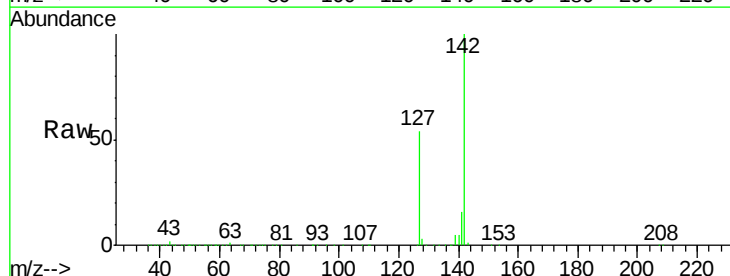
Tgt Ion:142 Resp: 334201

Ion Ratio Lower Upper

142 100

127 52.0 42.0 63.0

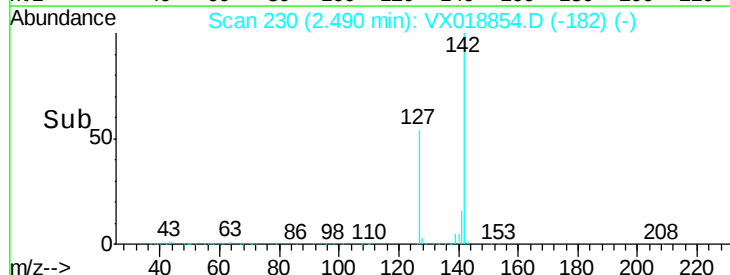
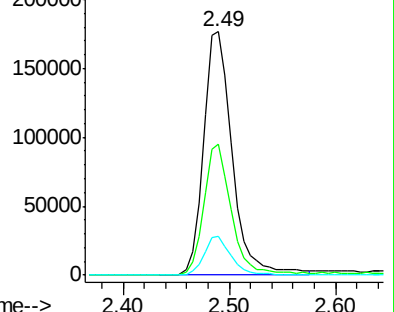
141 15.0 11.8 17.6

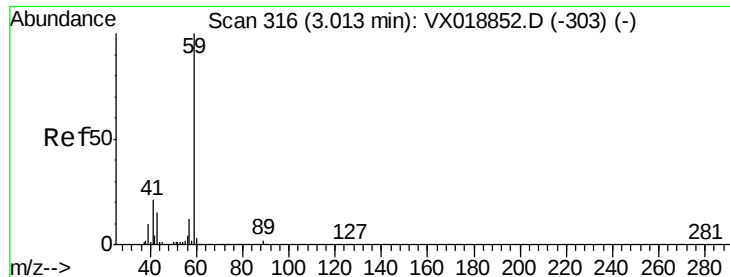


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

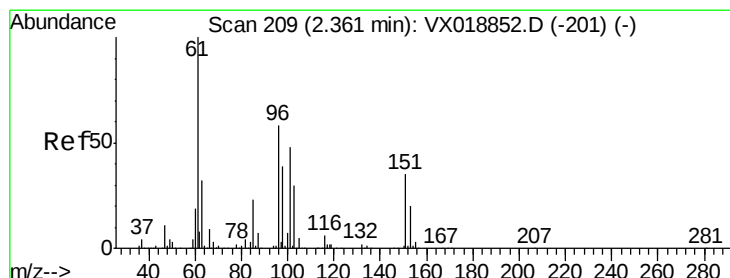
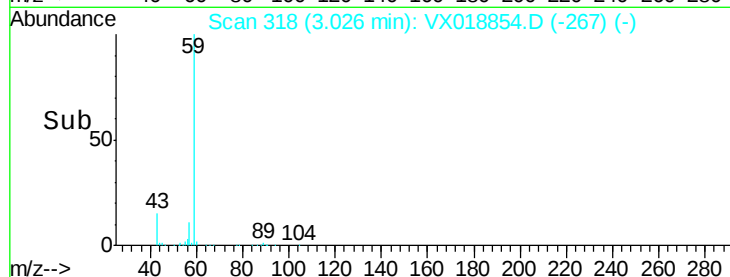
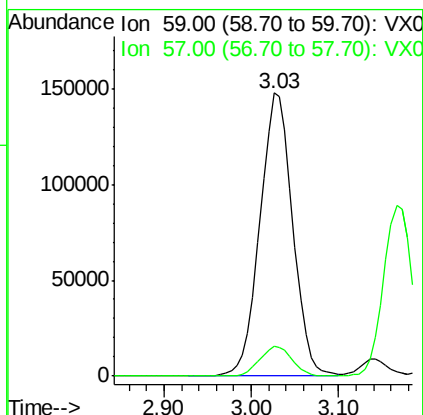
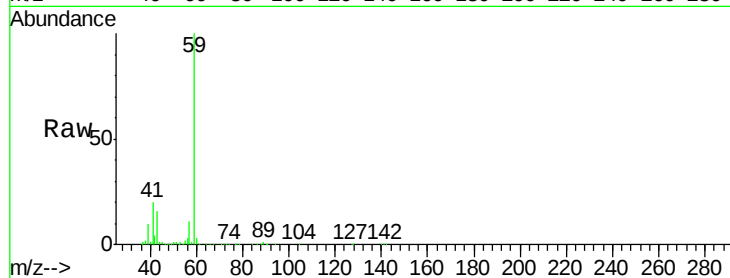




#11
Tert butyl alcohol
Concen: 786.867 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

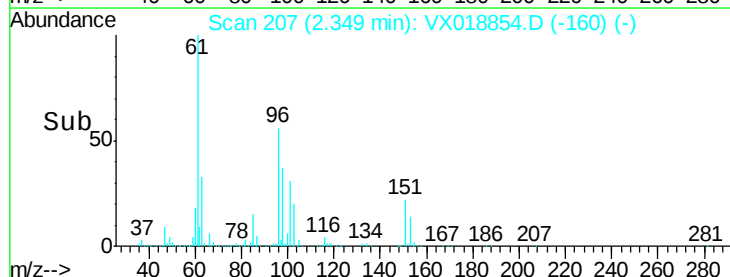
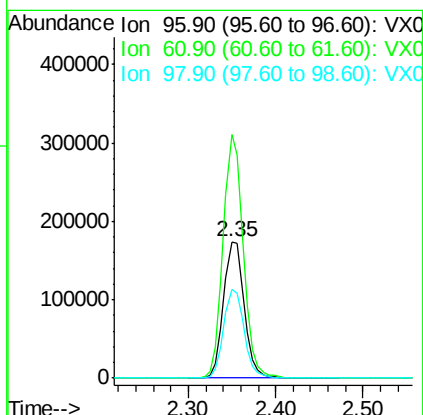
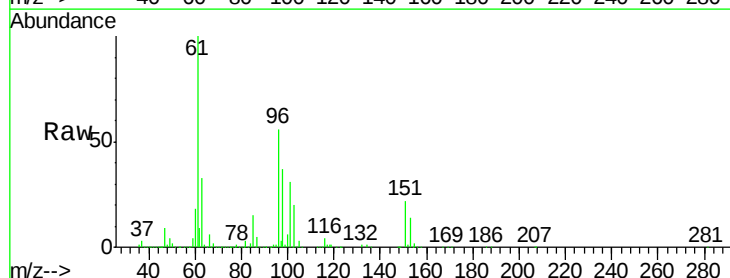
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

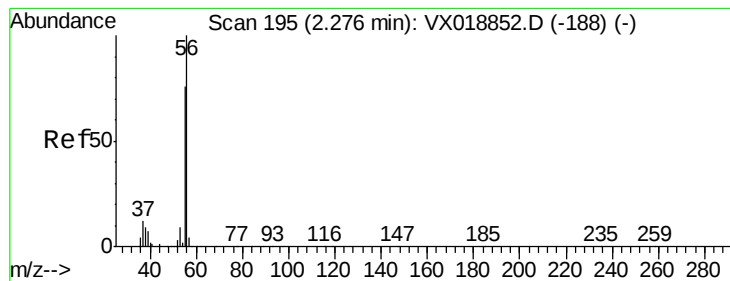
Tgt Ion: 59 Resp: 386636
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.6



#12
1,1-Dichloroethene
Concen: 147.324 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion: 96 Resp: 285671
Ion Ratio Lower Upper
96 100
61 178.6 137.0 205.6
98 65.3 53.9 80.9





#13

Acrolein

Concen: 940.672 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

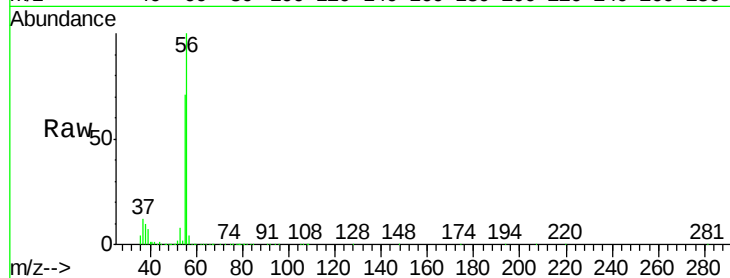
VSTDIC150

Tgt Ion: 56 Resp: 307281

Ion Ratio Lower Upper

56 100

55 70.8 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

200000

150000

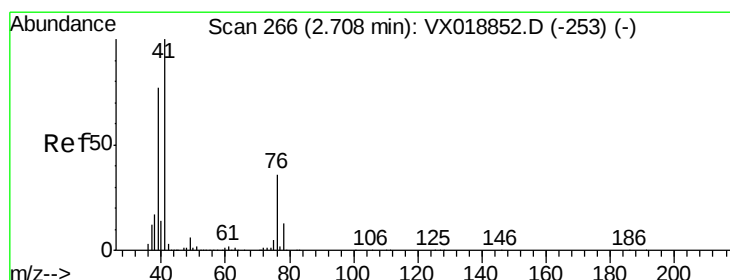
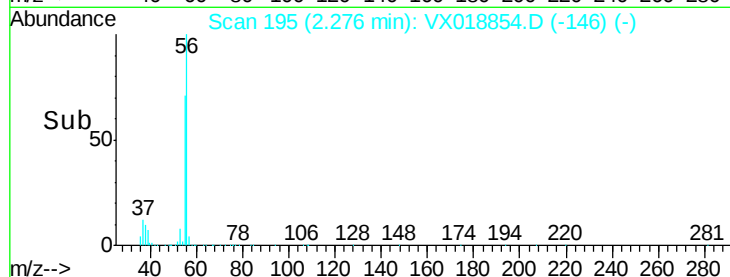
100000

50000

0

2.28

Time-->



#14

Allyl chloride

Concen: 141.364 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

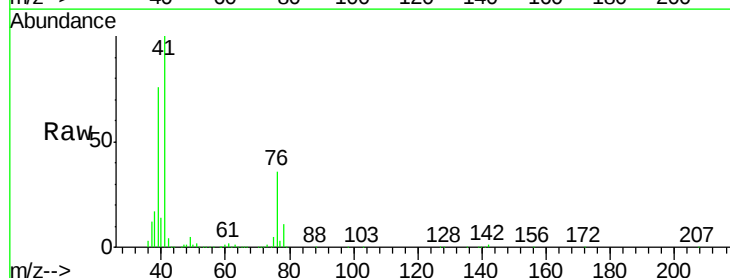
Tgt Ion: 41 Resp: 525334

Ion Ratio Lower Upper

41 100

39 71.8 57.8 86.8

76 33.8 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

600000

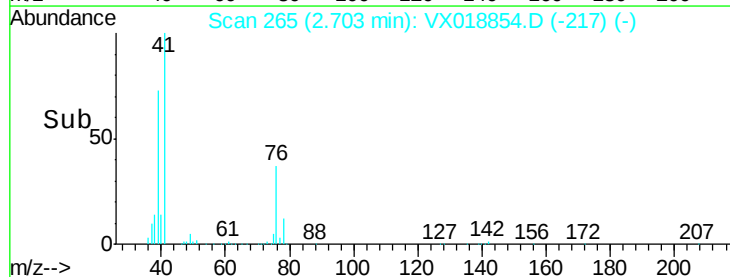
400000

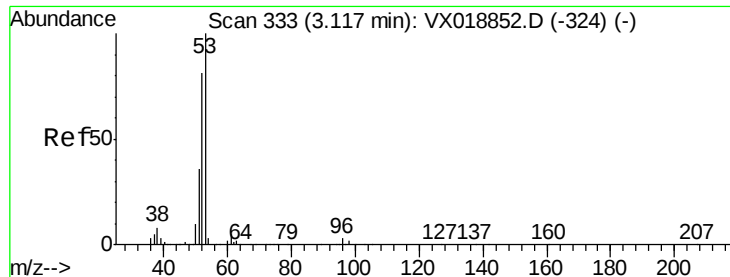
200000

0

2.70

Time-->

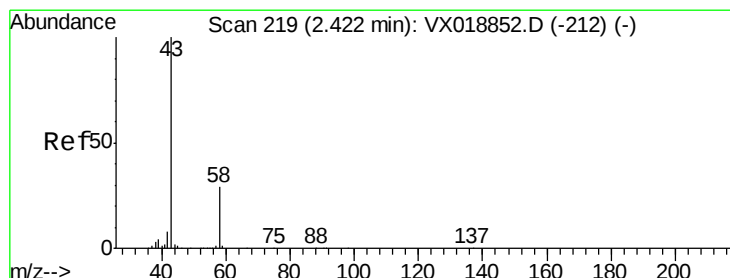
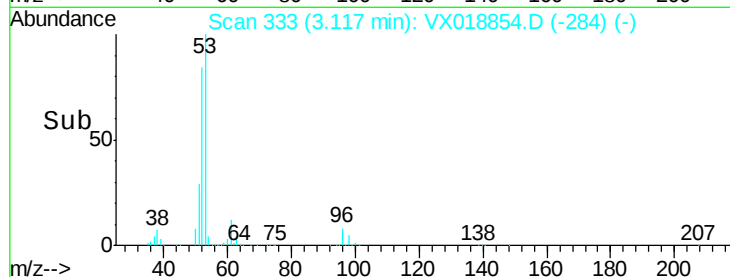
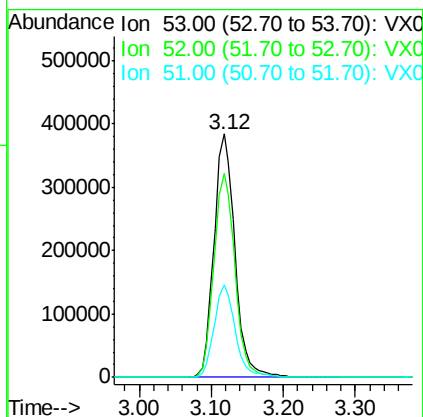
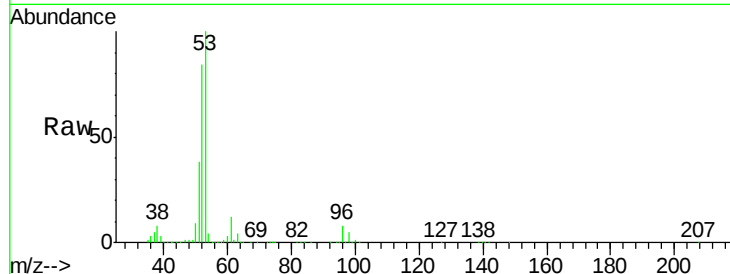




#15
 Acrylonitrile
 Concen: 675.663 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

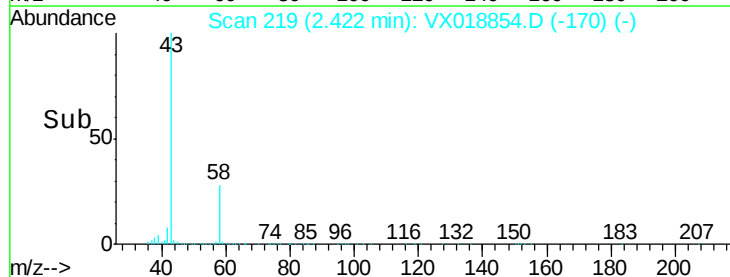
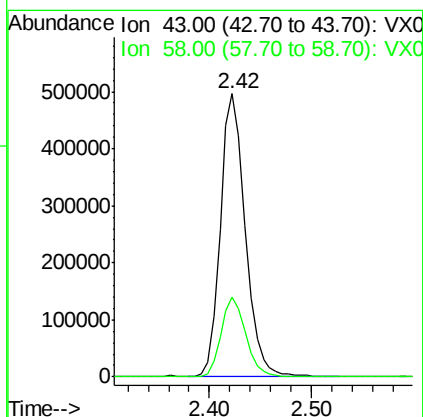
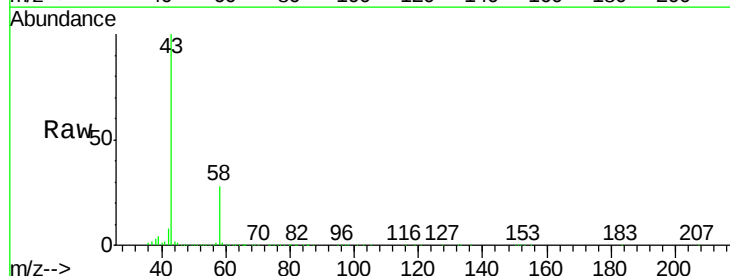
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

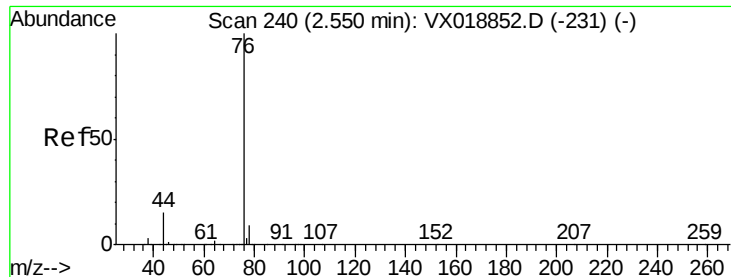
Tgt Ion: 53 Resp: 775848
 Ion Ratio Lower Upper
 53 100
 52 84.4 66.7 100.1
 51 38.2 30.3 45.5



#16
 Acetone
 Concen: 756.023 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Tgt Ion: 43 Resp: 838471
 Ion Ratio Lower Upper
 43 100
 58 28.2 23.0 34.4





#17

Carbon Disulfide

Concen: 144.065 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

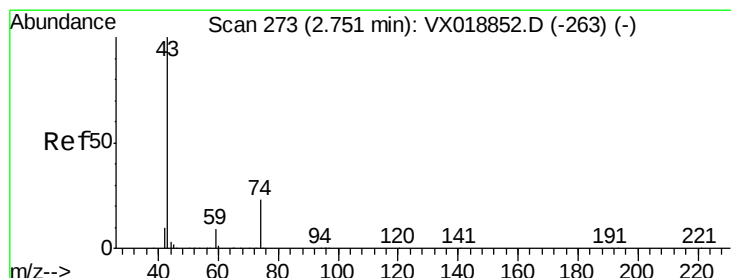
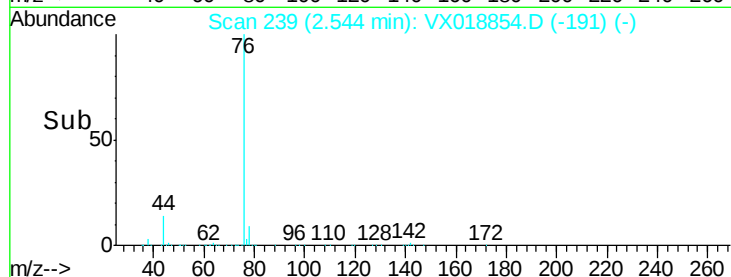
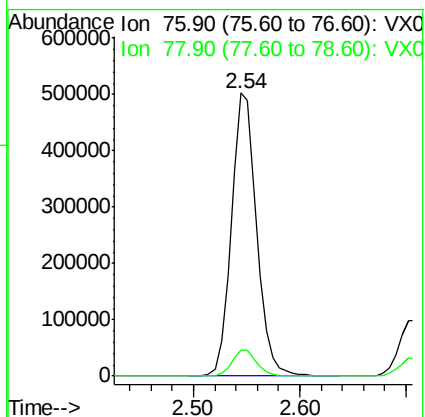
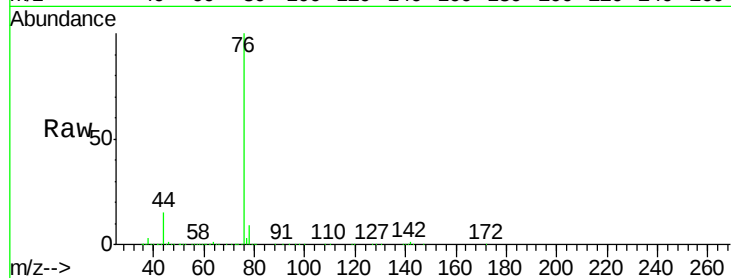
VSTDIC150

Tgt Ion: 76 Resp: 831568

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



#18

Methyl Acetate

Concen: 139.261 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018854.D

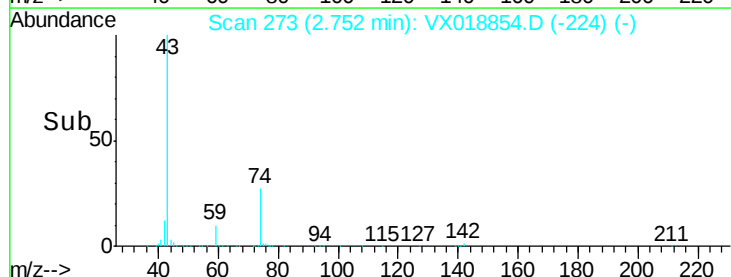
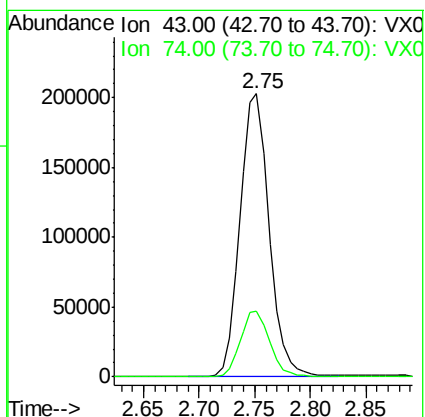
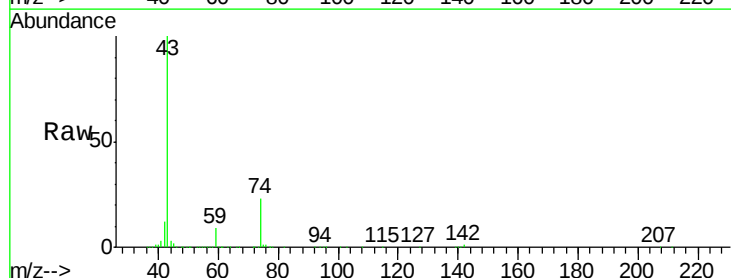
Acq: 09 Oct 2020 13:11

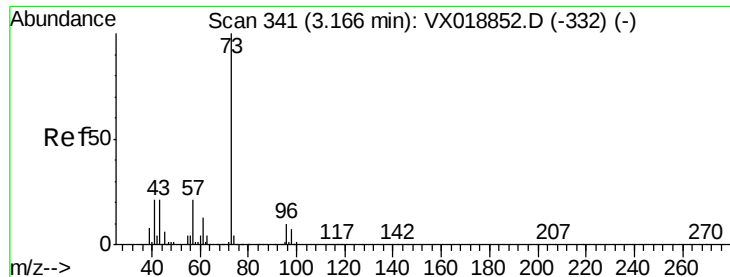
Tgt Ion: 43 Resp: 368123

Ion Ratio Lower Upper

43 100

74 23.7 18.9 28.3



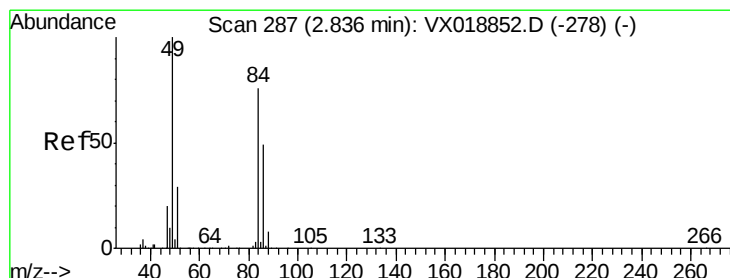
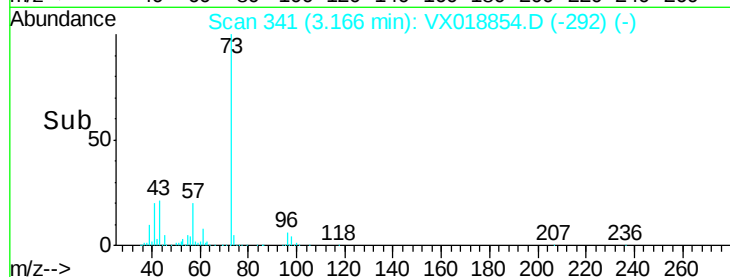
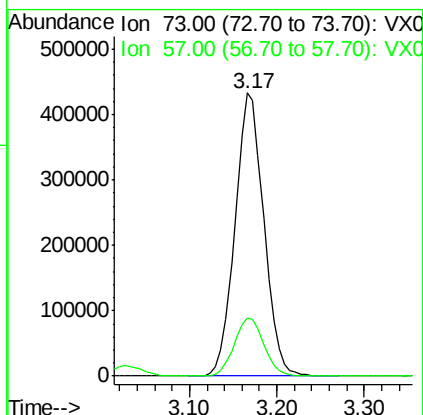
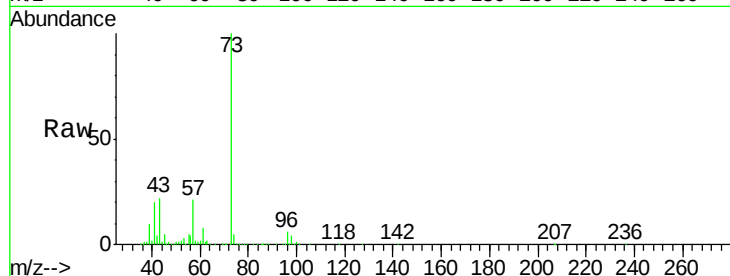


#19

Methyl tert-butyl Ether
 Concen: 146.511 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

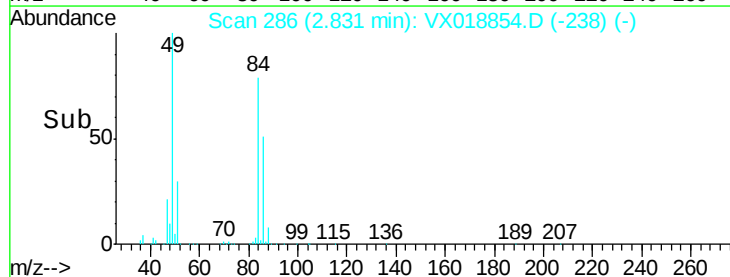
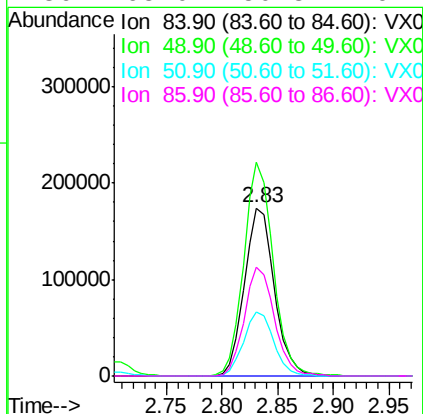
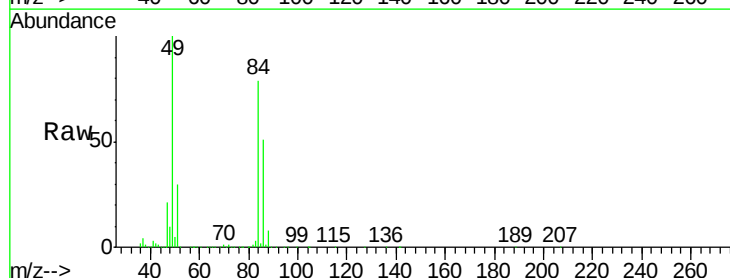
Tgt Ion: 73 Resp: 990183
 Ion Ratio Lower Upper
 73 100
 57 20.5 16.7 25.1

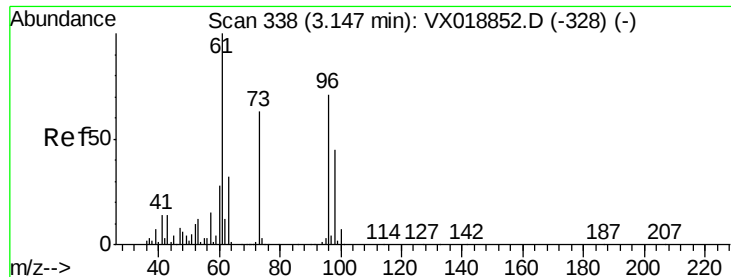


#20

Methylene Chloride
 Concen: 136.413 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Tgt Ion: 84 Resp: 325321
 Ion Ratio Lower Upper
 84 100
 49 126.8 104.8 157.2
 51 38.0 30.6 46.0
 86 65.0 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 145.261 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

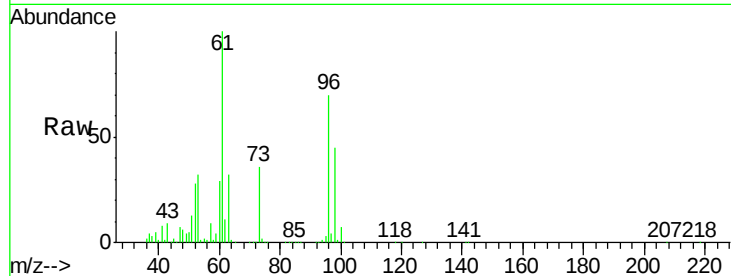
Tgt Ion: 96 Resp: 327919

Ion Ratio Lower Upper

96 100

61 142.3 112.0 168.0

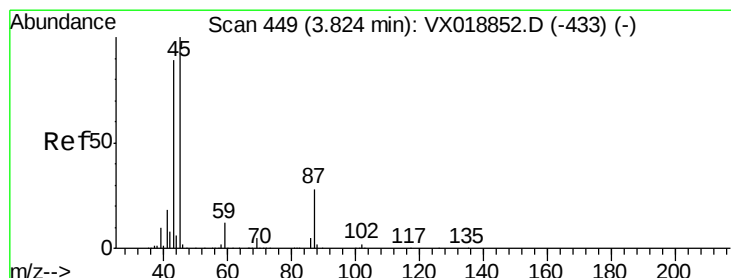
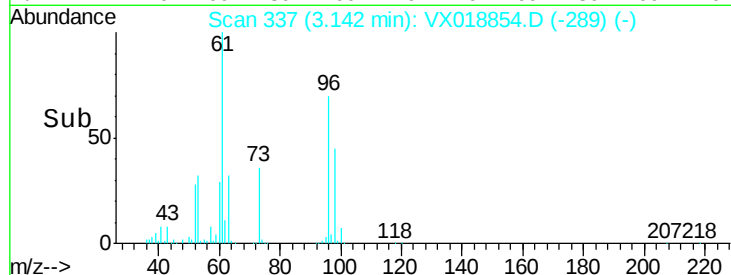
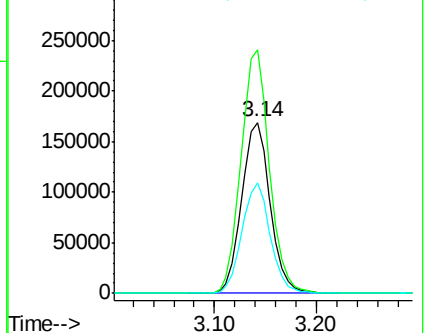
98 64.4 50.2 75.2



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: 134.088 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Tgt Ion: 45 Resp: 928218

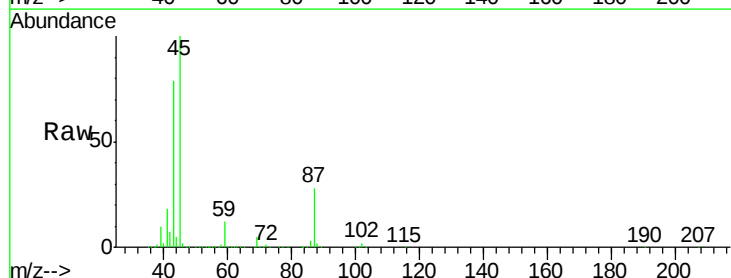
Ion Ratio Lower Upper

45 100

43 78.6 71.2 106.8

87 27.8 22.5 33.7

59 11.5 9.2 13.8

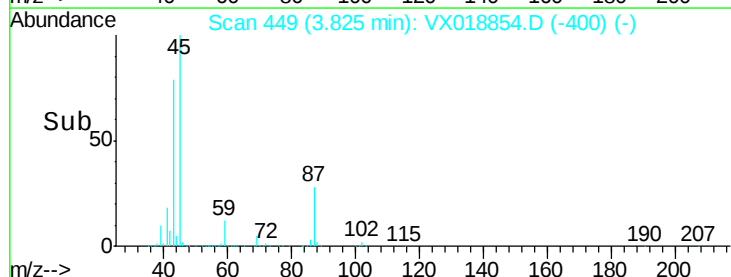
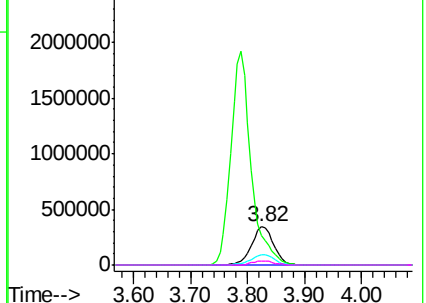


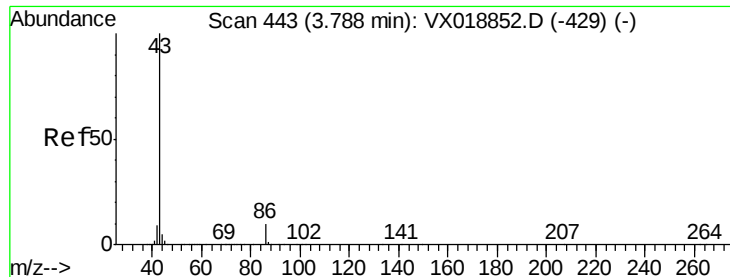
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 764.255 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

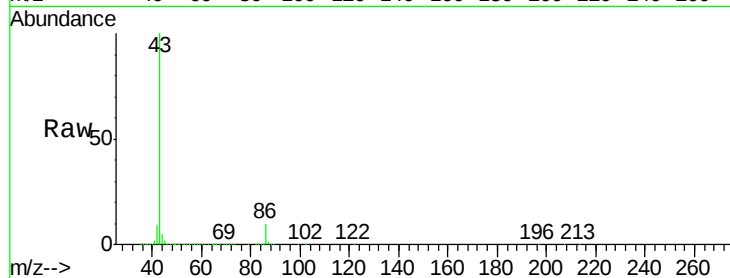
VSTDIC150

Tgt Ion: 43 Resp: 4766286

Ion Ratio Lower Upper

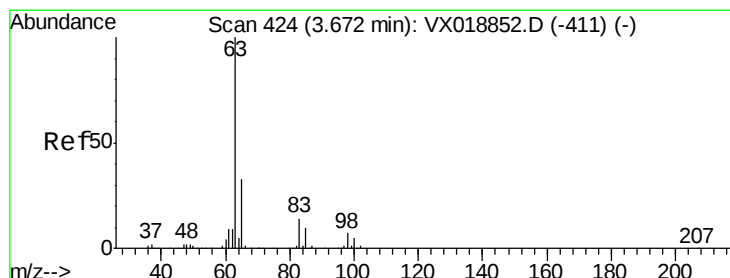
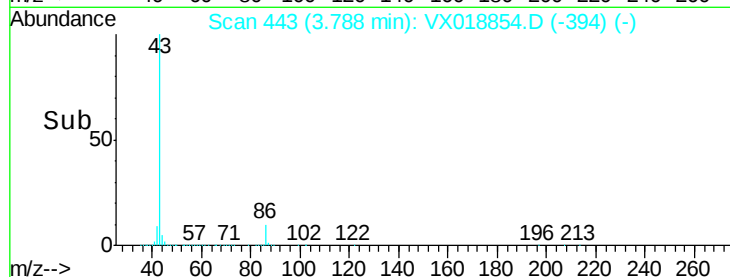
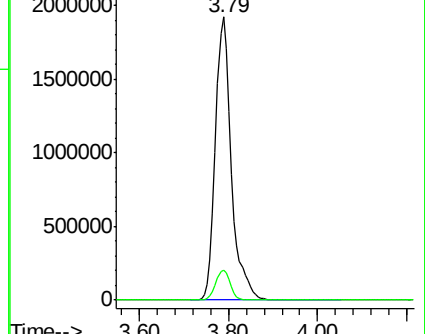
43 100

86 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 145.733 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

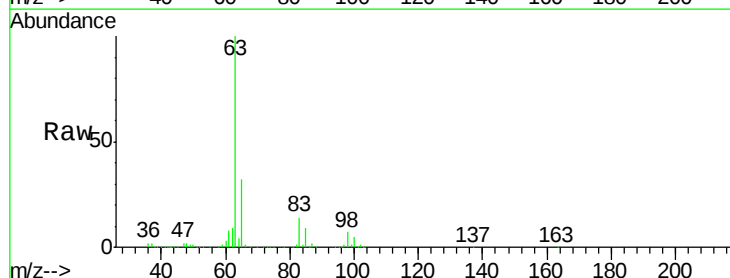
Tgt Ion: 63 Resp: 594121

Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

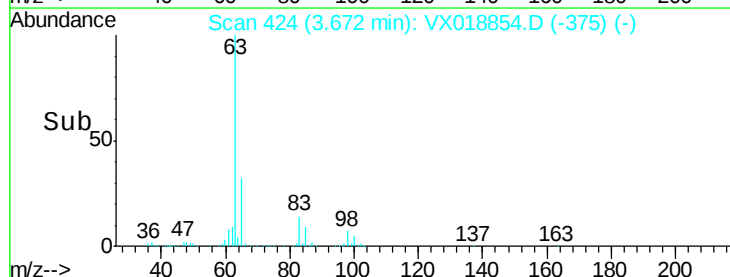
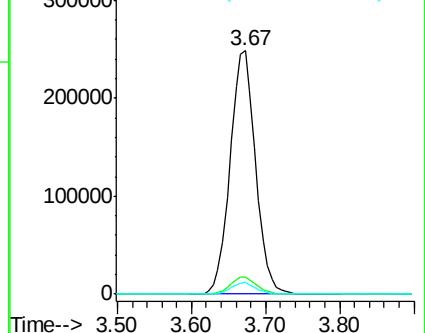
100 4.7 2.5 7.6

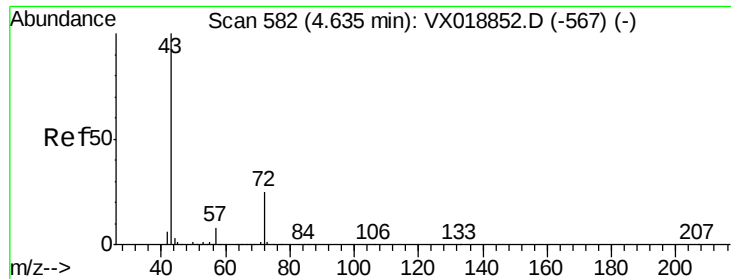


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 745.998 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

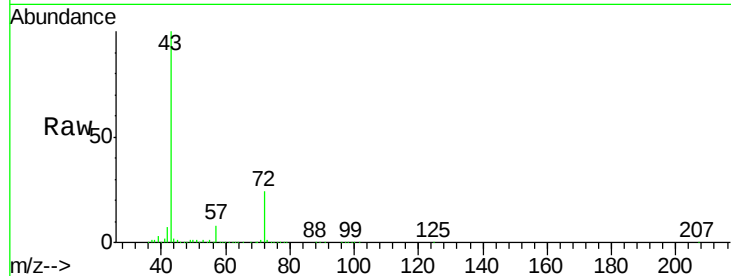
VSTDIC150

Tgt Ion: 43 Resp: 1256005

Ion Ratio Lower Upper

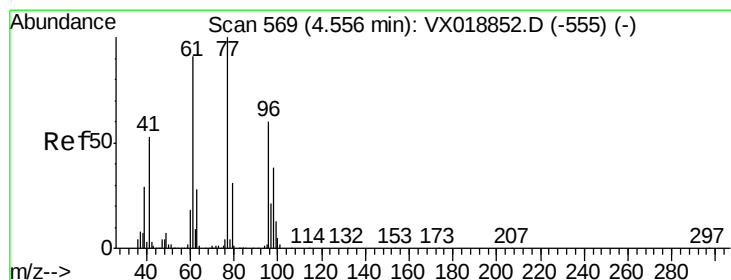
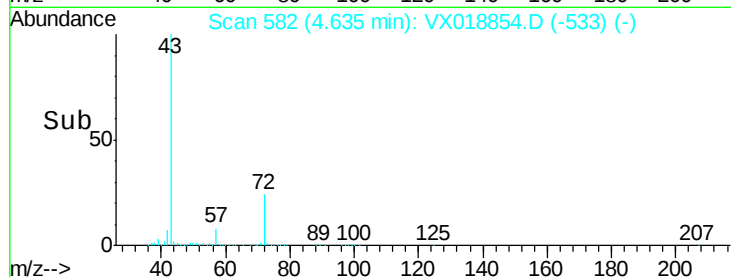
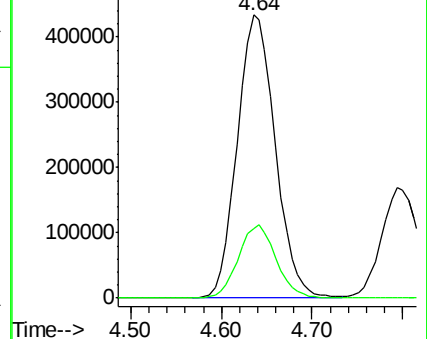
43 100

72 24.3 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 151.359 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018854.D

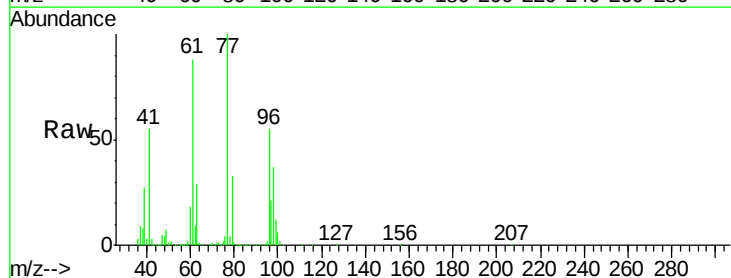
Acq: 09 Oct 2020 13:11

Tgt Ion: 77 Resp: 577229

Ion Ratio Lower Upper

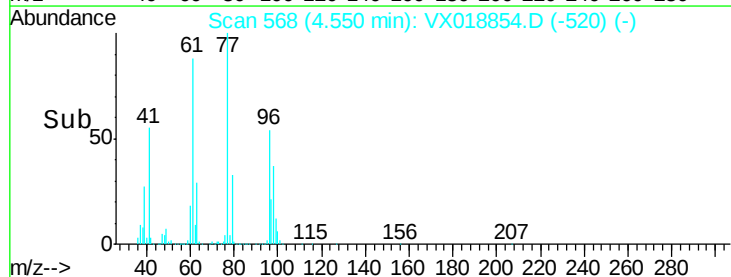
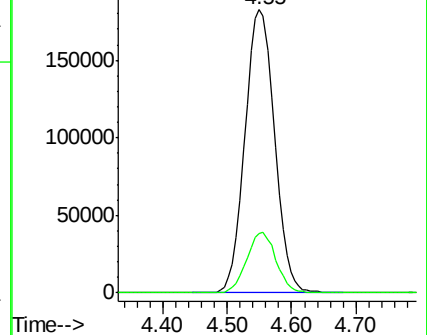
77 100

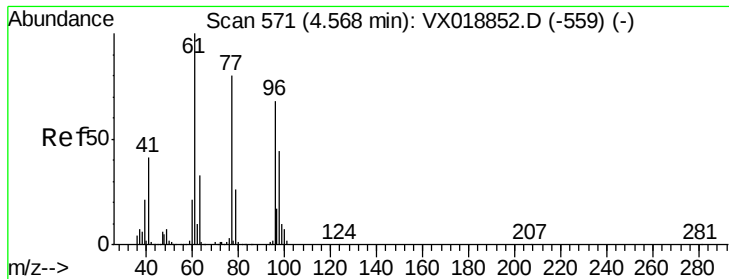
97 21.1 10.4 31.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



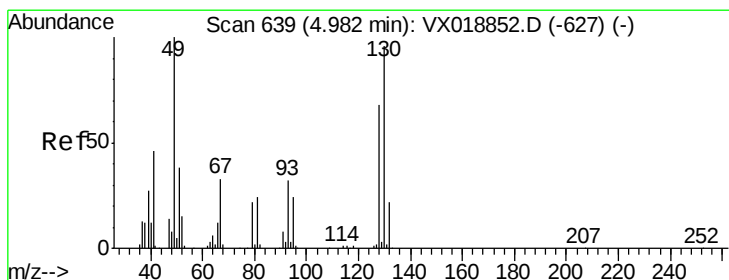
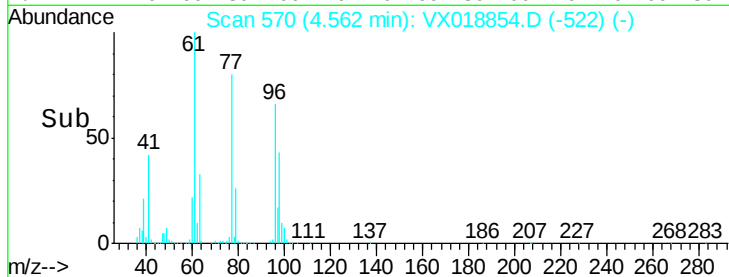
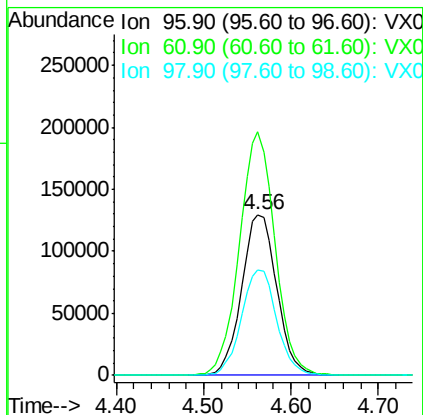
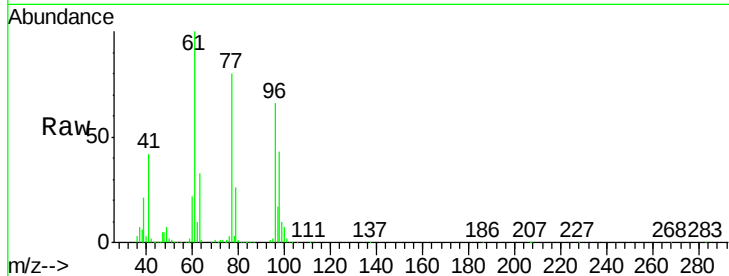


#27

cis-1,2-Dichloroethene
 Concen: 143.643 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

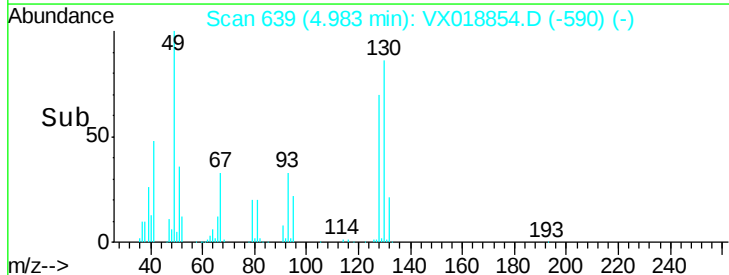
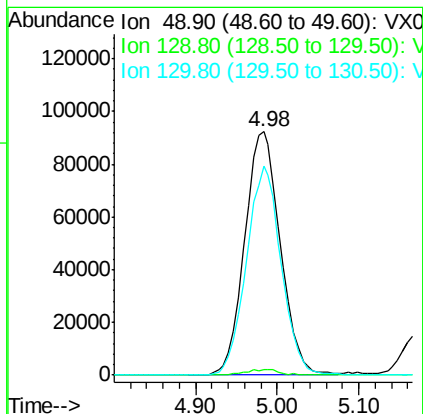
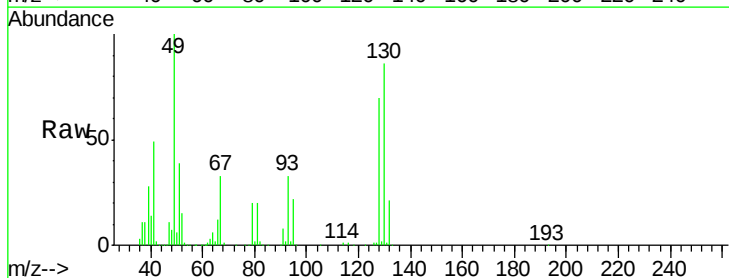
Tgt Ion: 96 Resp: 361888
 Ion Ratio Lower Upper
 96 100
 61 153.5 0.0 306.8
 98 65.9 0.0 130.2

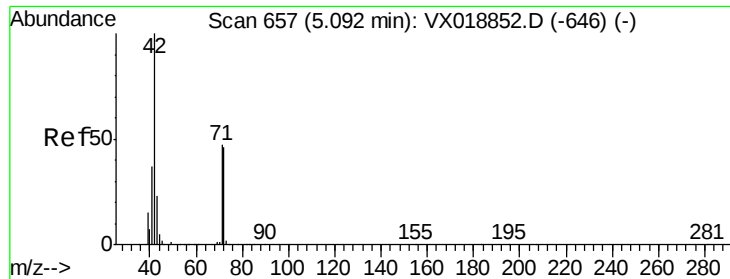


#28

Bromochloromethane
 Concen: 148.854 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Tgt Ion: 49 Resp: 280822
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 5.4
 130 83.7 71.2 106.8





#29

Tetrahydrofuran

Concen: 681.809 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

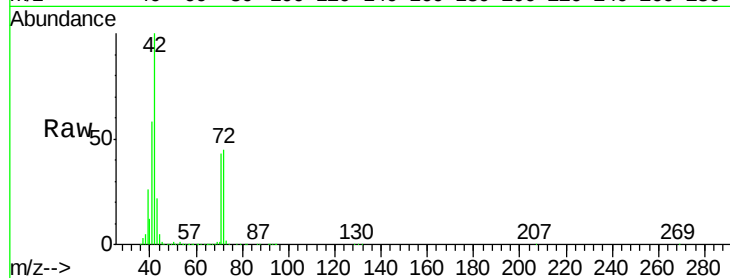
Tgt Ion: 42 Resp: 704210

Ion Ratio Lower Upper

42 100

72 45.2 36.4 54.6

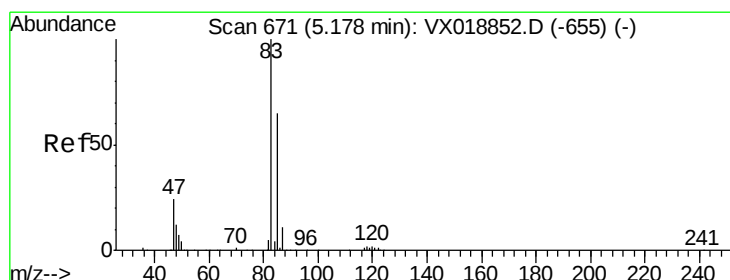
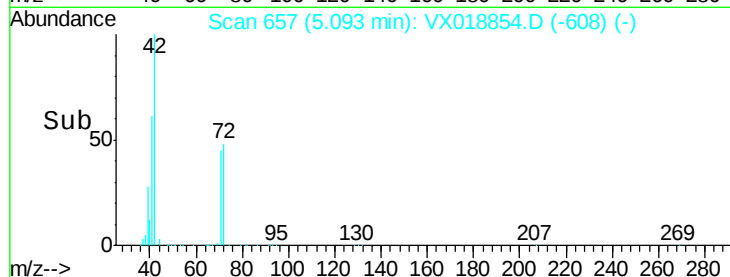
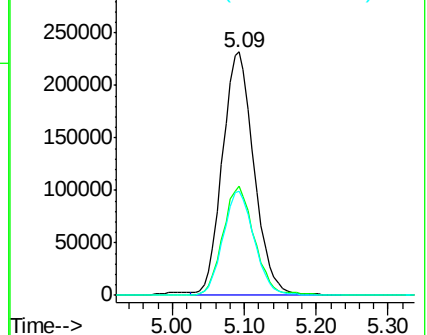
71 42.6 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 155.986 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018854.D

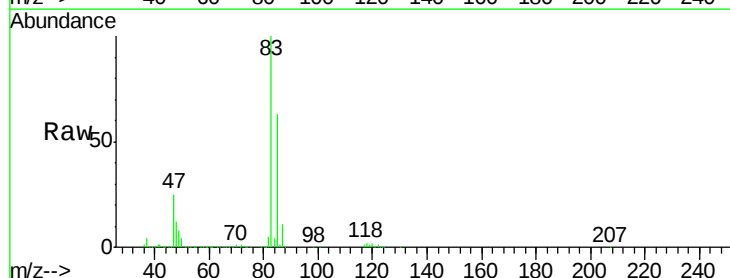
Acq: 09 Oct 2020 13:11

Tgt Ion: 83 Resp: 653406

Ion Ratio Lower Upper

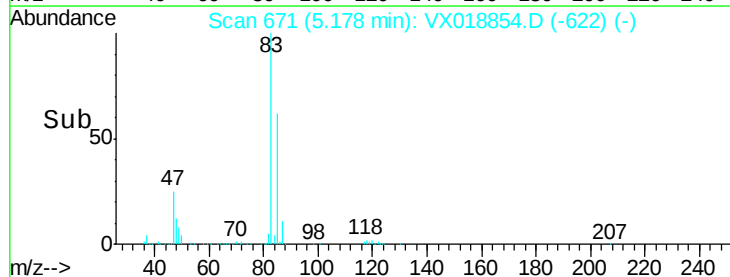
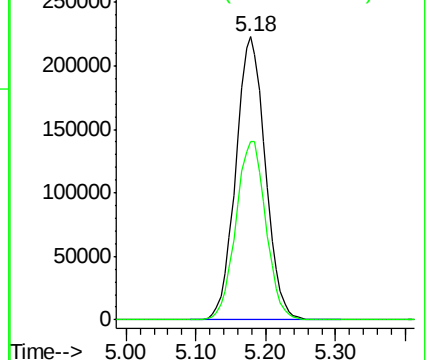
83 100

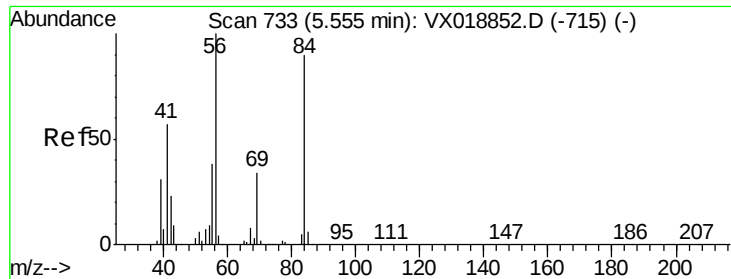
85 63.1 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

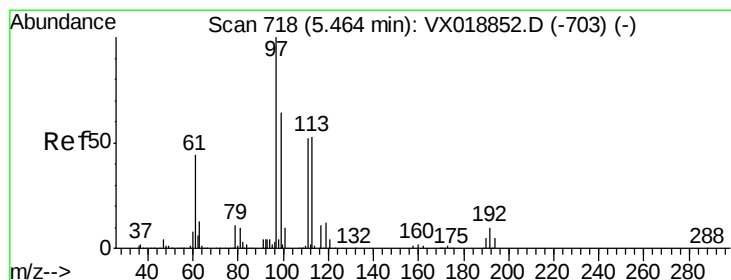
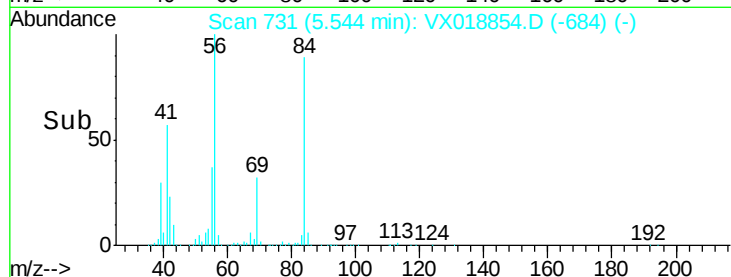
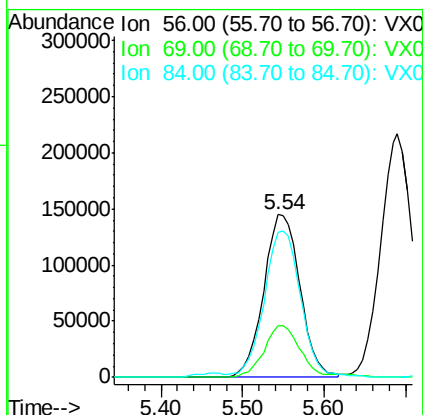
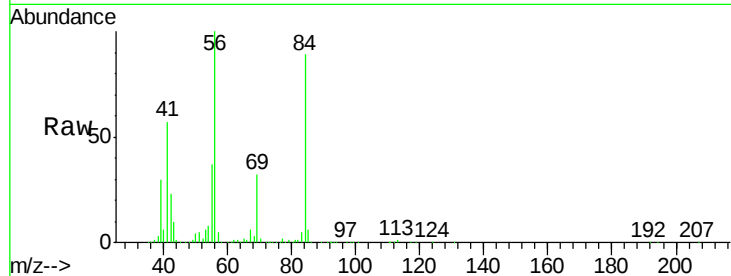




#31
Cyclohexane
Concen: 134.671 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

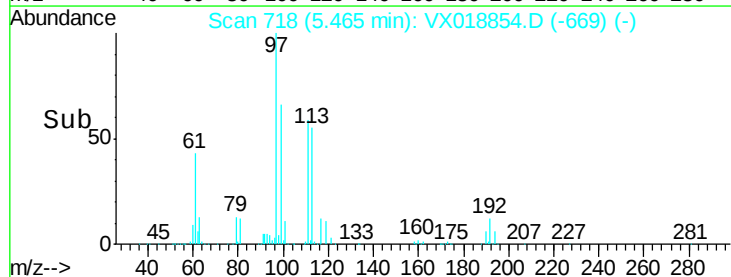
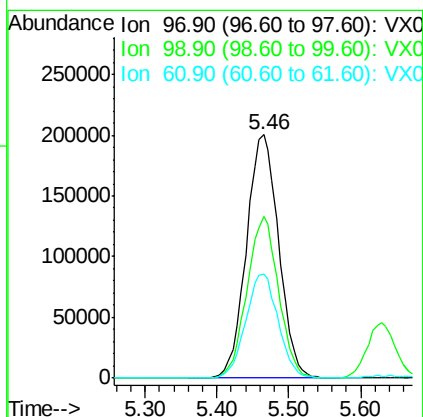
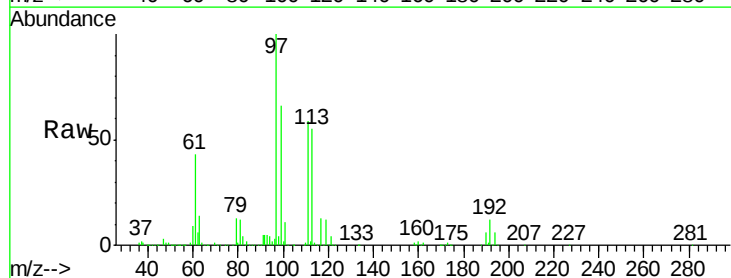
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

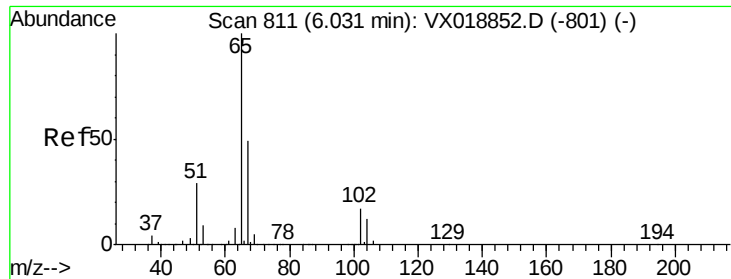
Tgt Ion: 56 Resp: 447722
Ion Ratio Lower Upper
56 100
69 31.8 27.1 40.7
84 88.6 71.7 107.5



#32
1,1,1-Trichloroethane
Concen: 158.016 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion: 97 Resp: 622319
Ion Ratio Lower Upper
97 100
99 65.1 52.1 78.1
61 43.2 35.3 52.9





#33

1,2-Dichloroethane-d4

Concen: 158.741 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

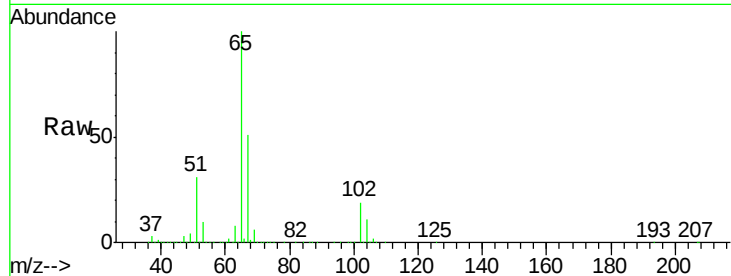
VSTDIC150

Tgt Ion: 65 Resp: 458317

Ion Ratio Lower Upper

65 100

67 49.5 0.0 97.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

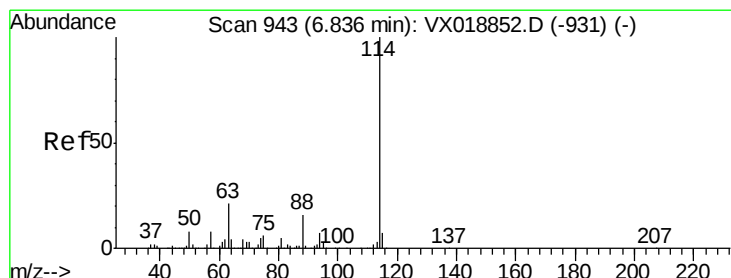
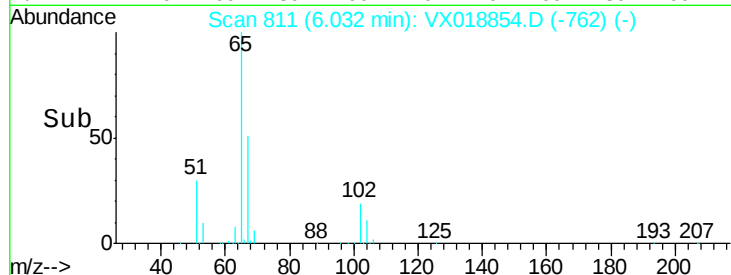
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

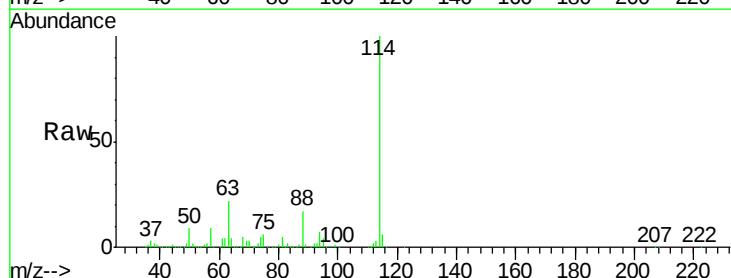
Tgt Ion: 114 Resp: 311969

Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.4

88 16.5 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

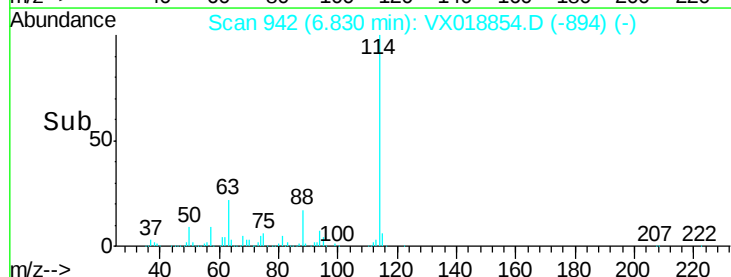
150000

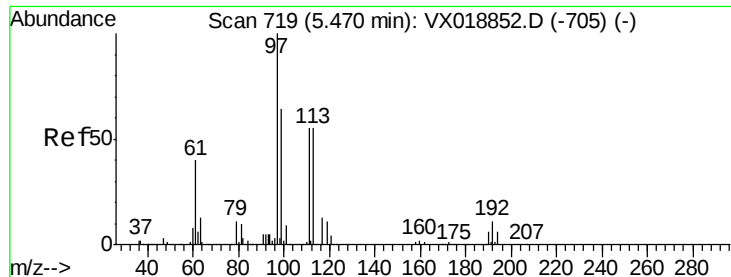
100000

50000

0

Time-->

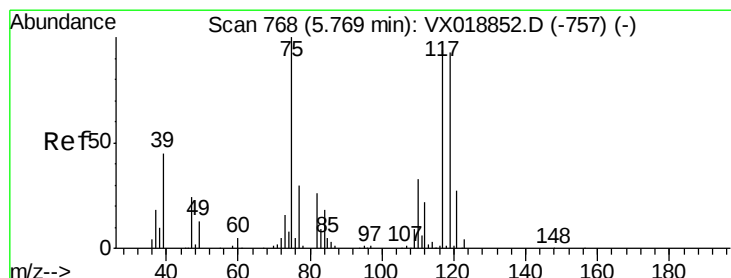
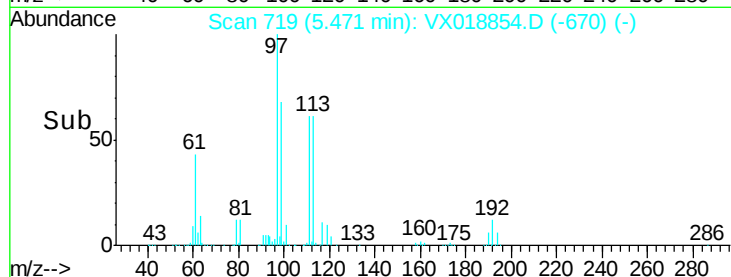
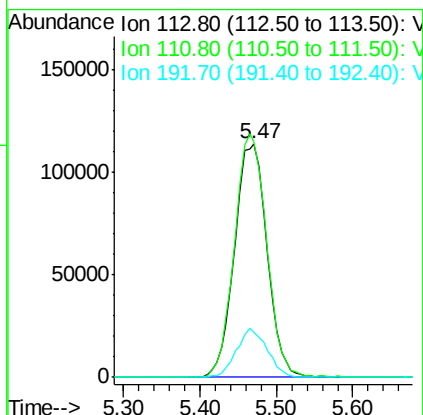
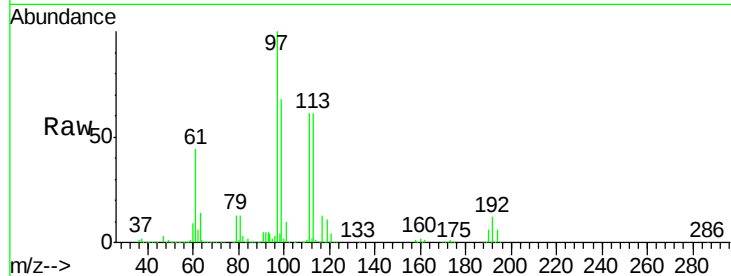




#35
 Dibromofluoromethane
 Concen: 154.131 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

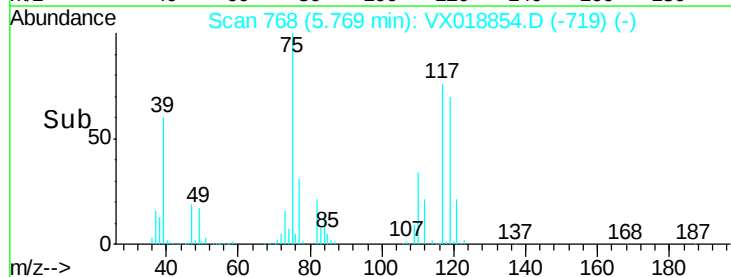
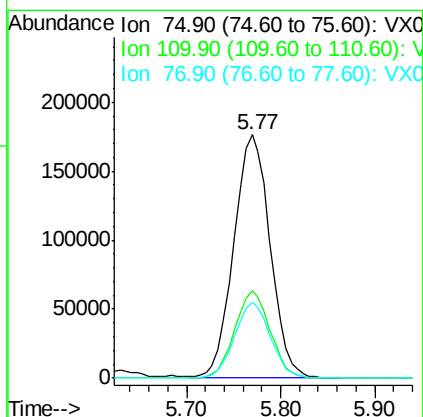
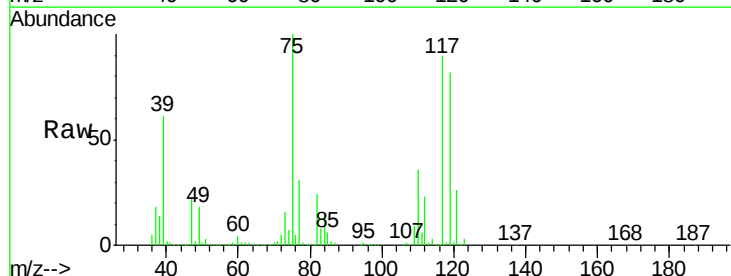
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

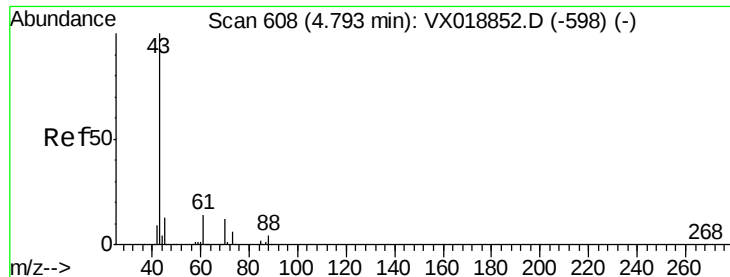
Tgt Ion:113 Resp: 336273
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.1 120.1
 192 19.7 16.0 24.0



#36
 1,1-Dichloropropene
 Concen: 154.501 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Tgt Ion: 75 Resp: 469951
 Ion Ratio Lower Upper
 75 100
 110 35.2 17.8 53.5
 77 30.9 24.2 36.4





#37

Ethyl Acetate

Concen: 153.022 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

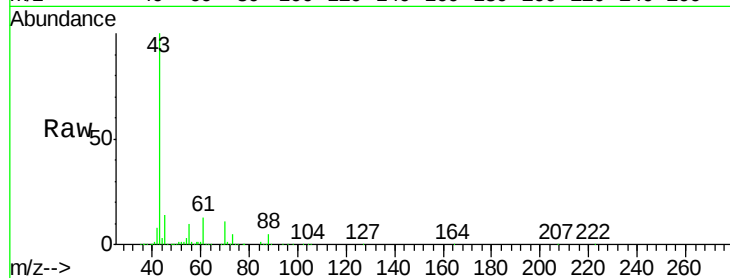
Tgt Ion: 43 Resp: 493008

Ion Ratio Lower Upper

43 100

61 13.0 10.9 16.3

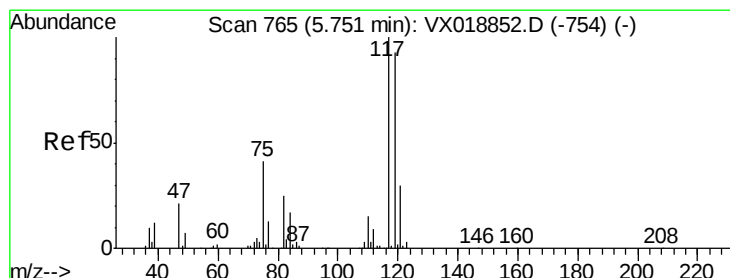
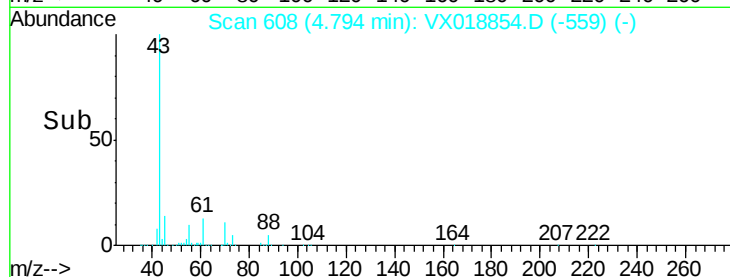
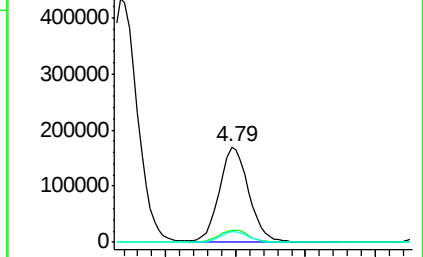
70 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX018854.D (-559) (-)

Ion 60.90 (60.60 to 61.60): VX018854.D (-559) (-)

Ion 70.00 (69.70 to 70.70): VX018854.D (-559) (-)



#38

Carbon Tetrachloride

Concen: 172.218 ug/l

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

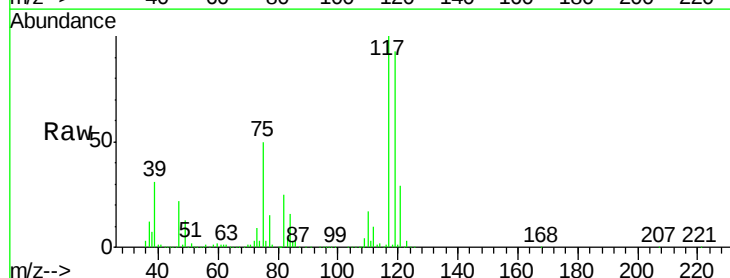
Tgt Ion: 117 Resp: 594128

Ion Ratio Lower Upper

117 100

119 93.0 73.9 110.9

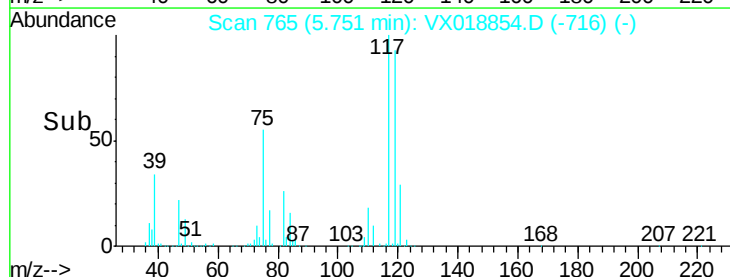
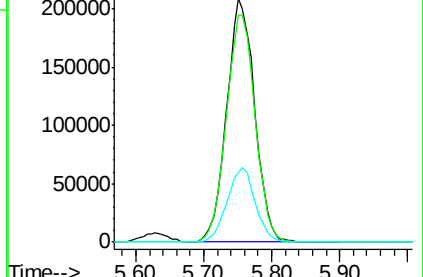
121 28.8 23.6 35.4

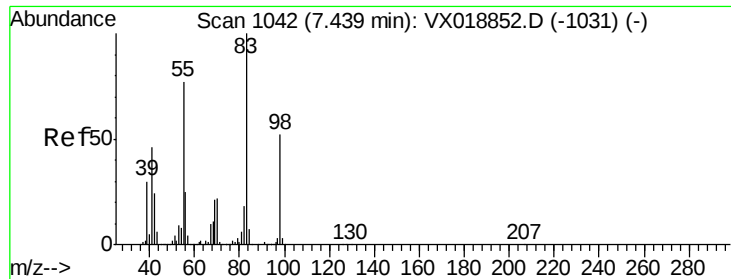


Abundance Ion 116.80 (116.50 to 117.50): VX018854.D (-716) (-)

Ion 118.80 (118.50 to 119.50): VX018854.D (-716) (-)

Ion 120.80 (120.50 to 121.50): VX018854.D (-716) (-)

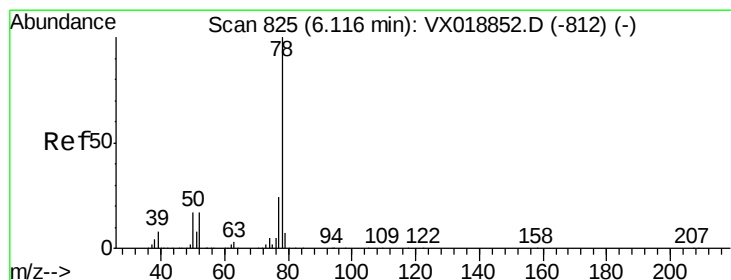
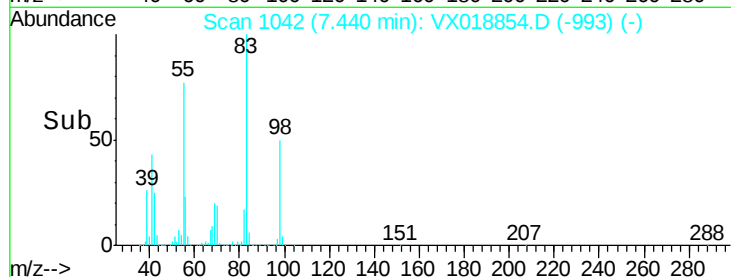
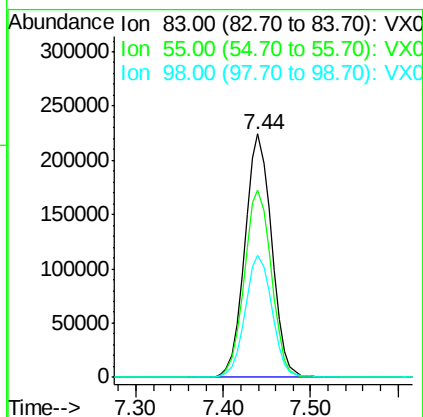
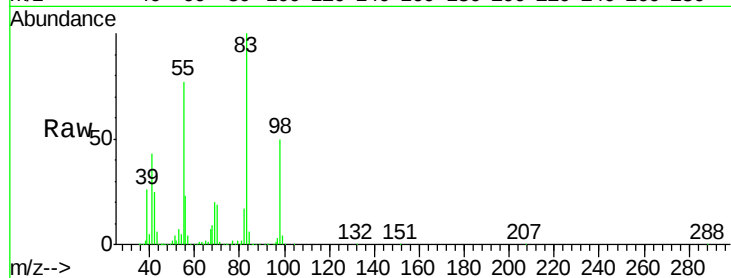




#39
Methylcyclohexane
Concen: 142.803 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

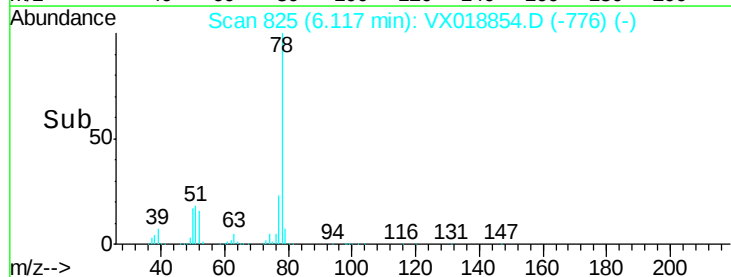
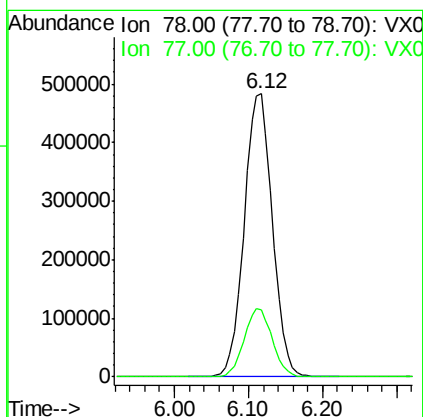
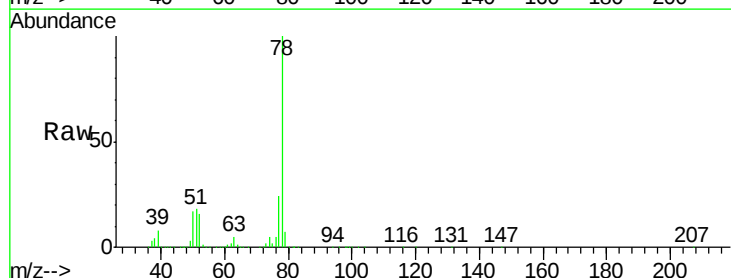
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

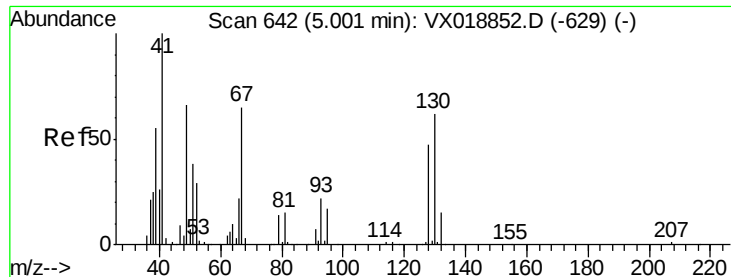
Tgt Ion: 83 Resp: 475571
Ion Ratio Lower Upper
83 100
55 76.8 61.8 92.6
98 50.3 41.4 62.0



#40
Benzene
Concen: 148.104 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion: 78 Resp: 1283644
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7





#41

Methacrylonitrile

Concen: 156.041 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 279829

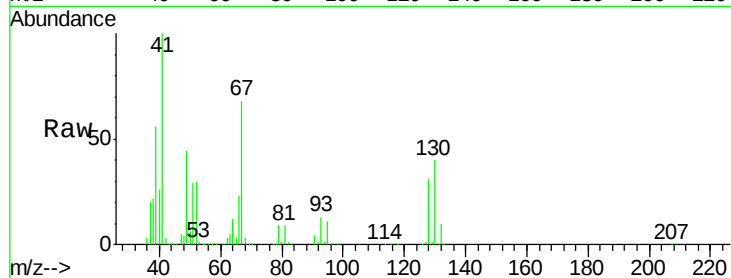
Ion Ratio Lower Upper

41 100

39 54.4 45.4 68.2

67 67.9 55.4 83.2

52 30.4 23.8 35.8

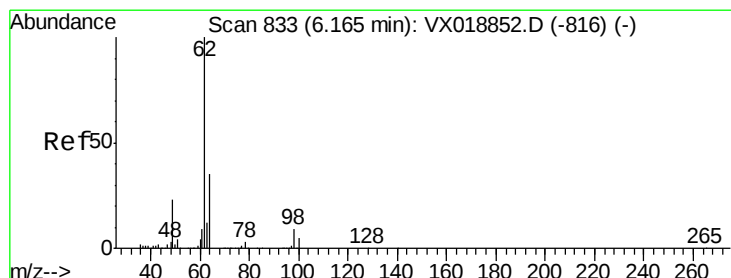
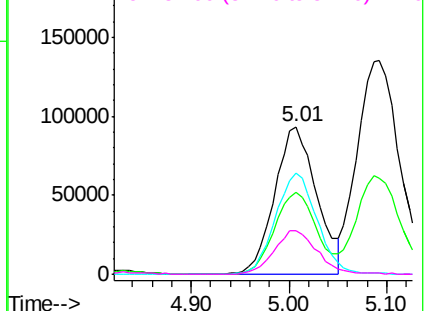
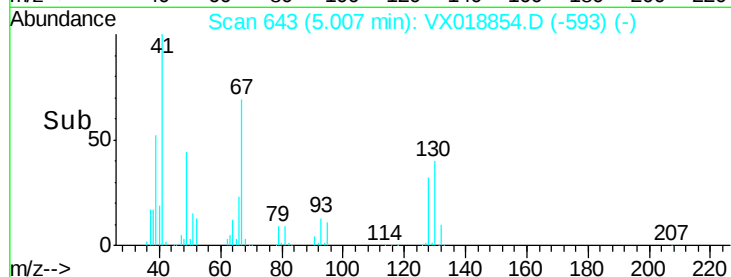


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 165.646 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX018854.D

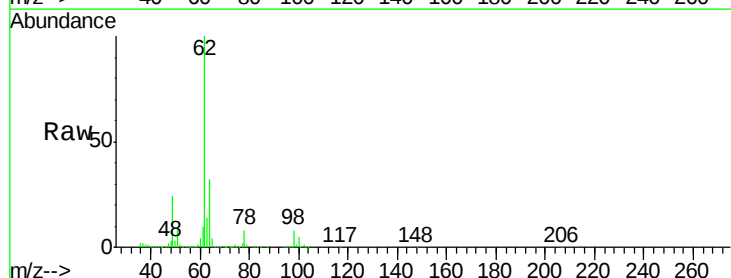
Acq: 09 Oct 2020 13:11

Tgt Ion: 62 Resp: 572998

Ion Ratio Lower Upper

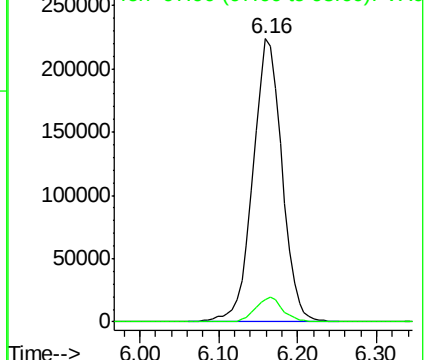
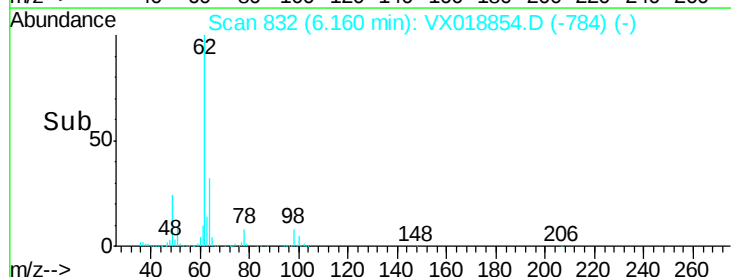
62 100

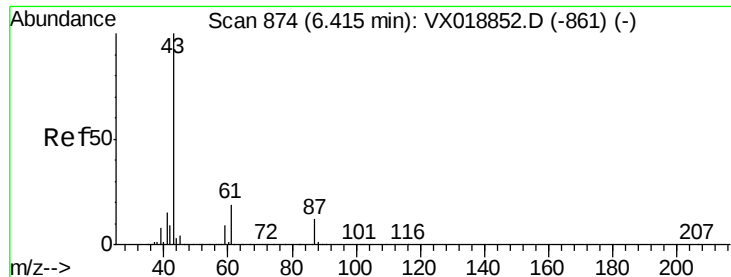
98 8.2 0.0 16.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 155.644 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

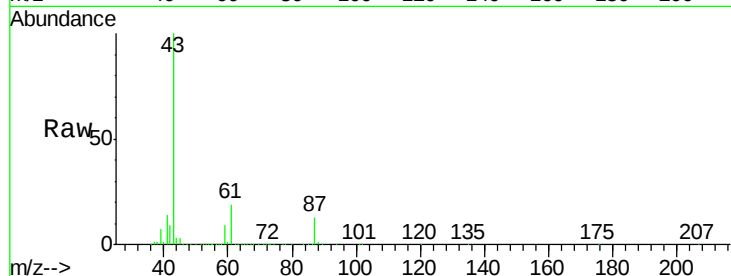
Tgt Ion: 43 Resp: 828903

Ion Ratio Lower Upper

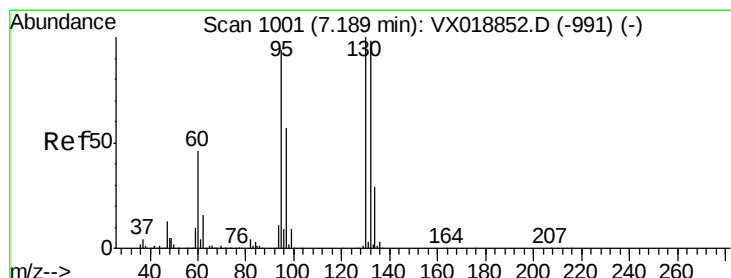
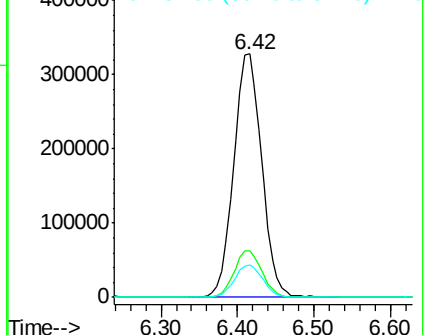
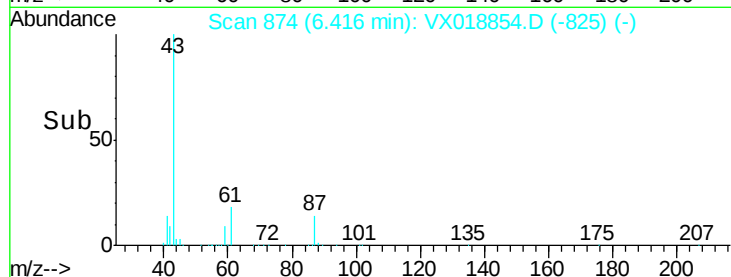
43 100

61 19.1 15.5 23.3

87 13.4 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX018854.D (-825) (-)



#44

Trichloroethene

Concen: 149.976 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018854.D

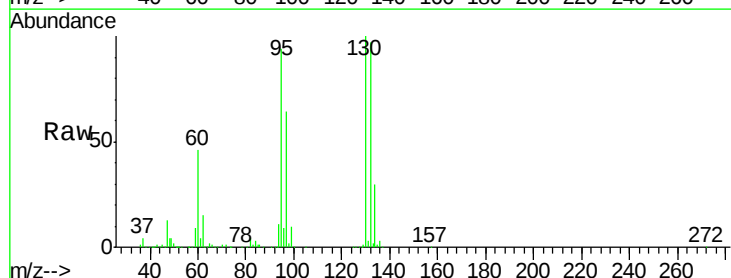
Acq: 09 Oct 2020 13:11

Tgt Ion: 130 Resp: 377417

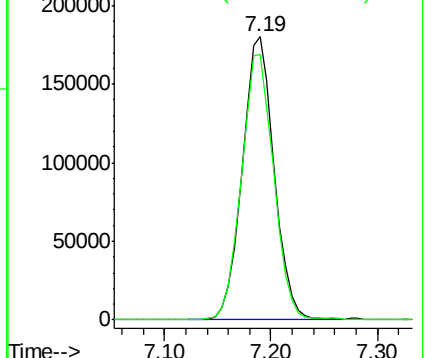
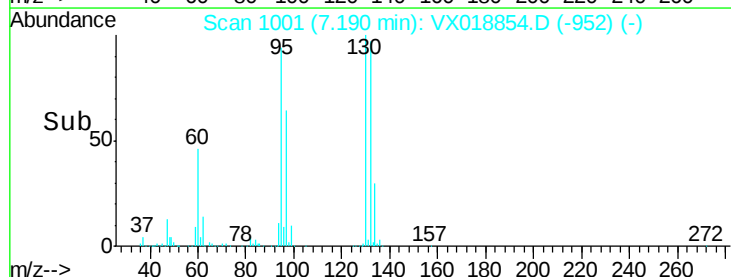
Ion Ratio Lower Upper

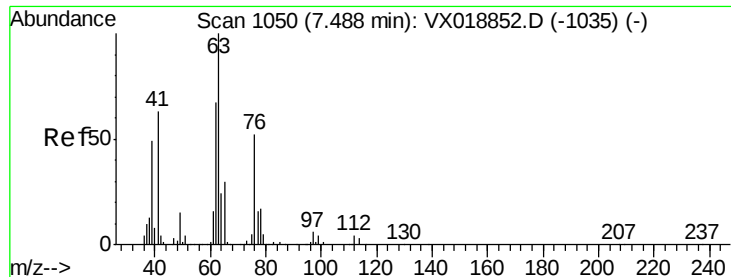
130 100

95 93.7 0.0 188.4



Abundance Ion 129.80 (129.50 to 130.50): VX018854.D (-952) (-)





#45

1,2-Dichloropropane

Concen: 143.561 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

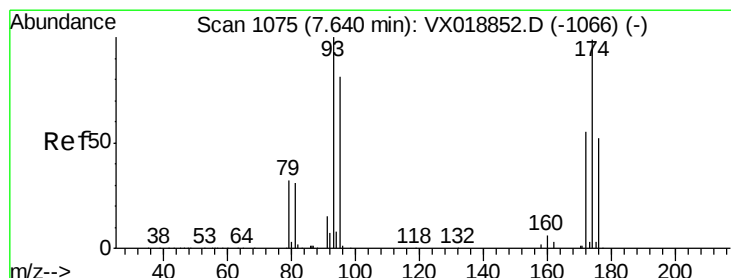
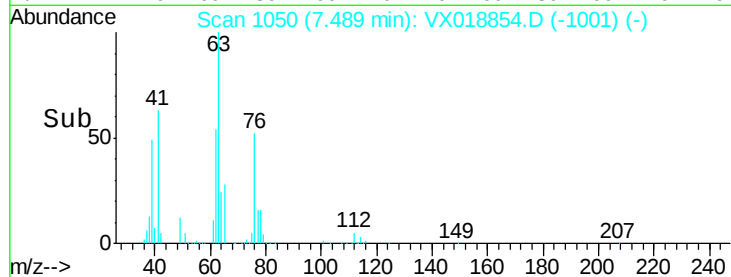
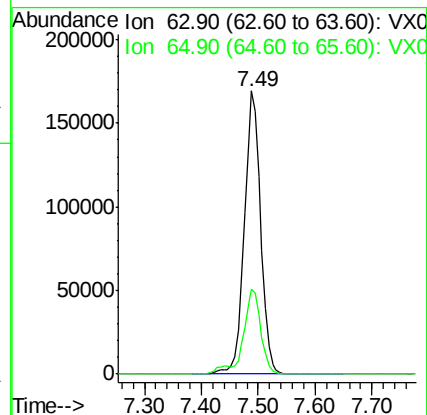
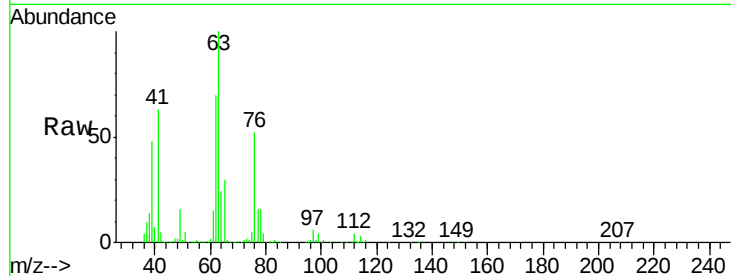
VSTDIC150

Tgt Ion: 63 Resp: 340031

Ion Ratio Lower Upper

63 100

65 30.0 24.2 36.4



#46

Dibromomethane

Concen: 154.045 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

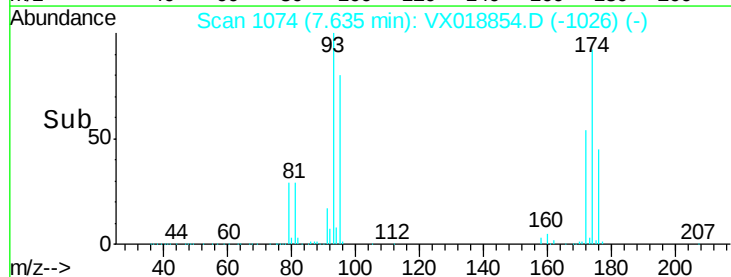
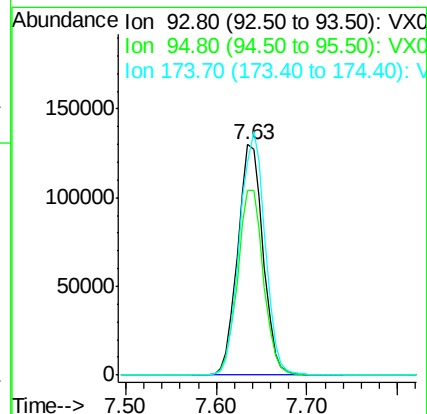
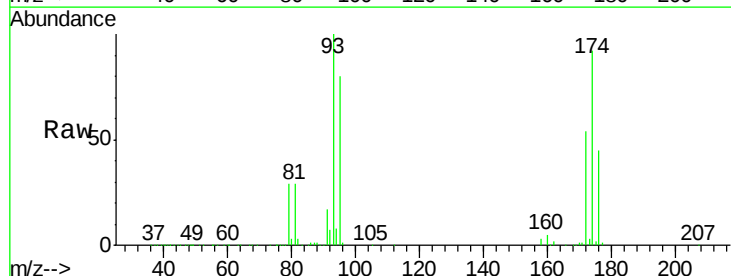
Tgt Ion: 93 Resp: 252740

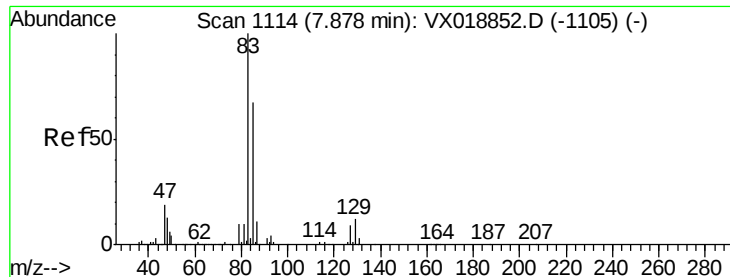
Ion Ratio Lower Upper

93 100

95 81.4 66.1 99.1

174 105.3 84.6 127.0





#47

Bromodichloromethane

Concen: 162.756 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

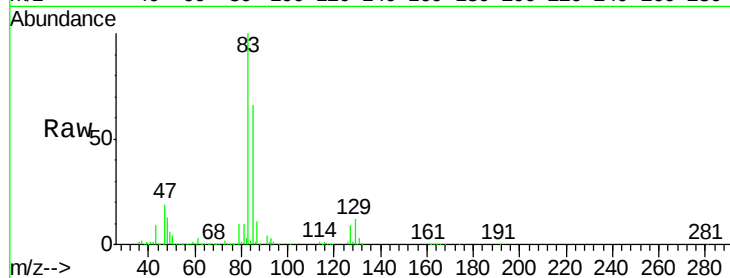
Tgt Ion: 83 Resp: 545386

Ion Ratio Lower Upper

83 100

85 66.3 53.8 80.6

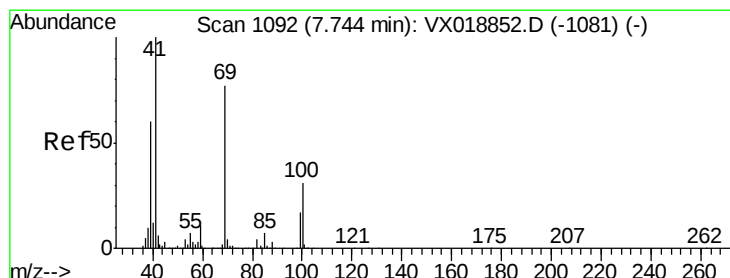
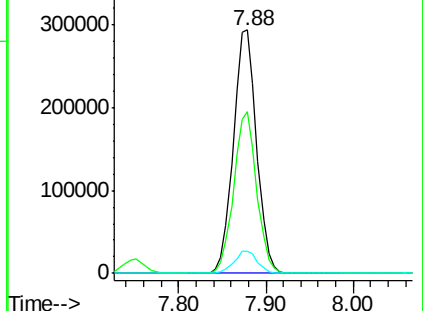
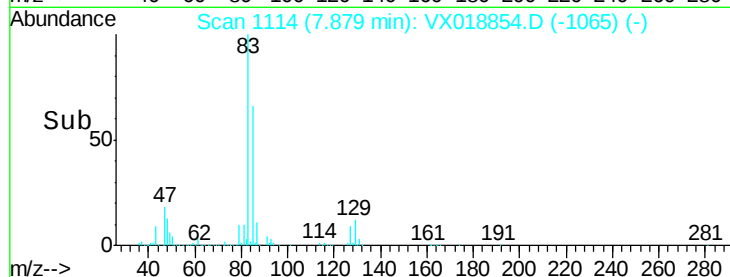
127 9.0 7.5 11.3



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: 163.621 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

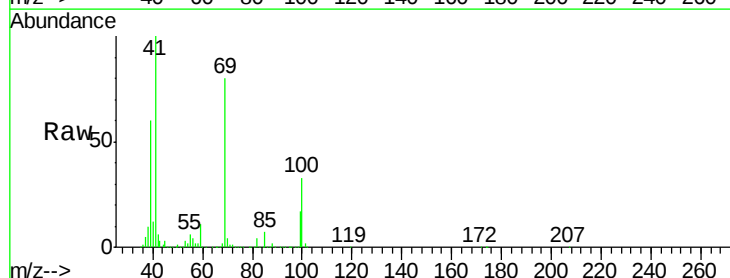
Tgt Ion: 41 Resp: 427180

Ion Ratio Lower Upper

41 100

69 80.3 64.6 97.0

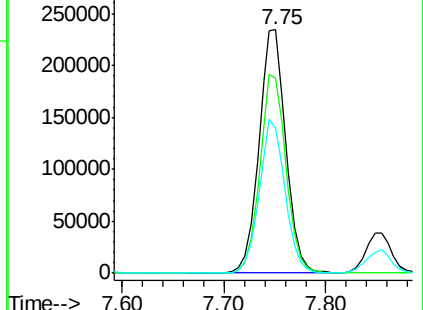
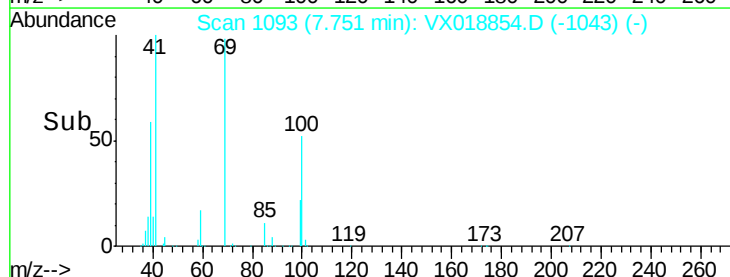
39 61.4 48.6 73.0

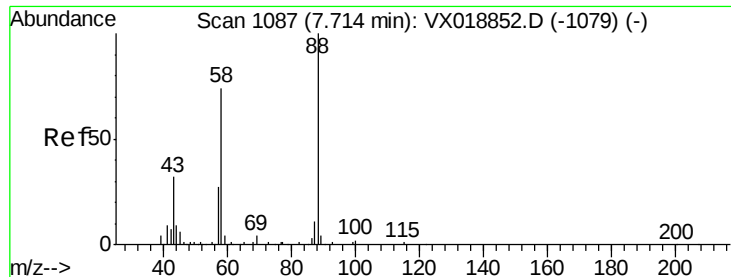


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

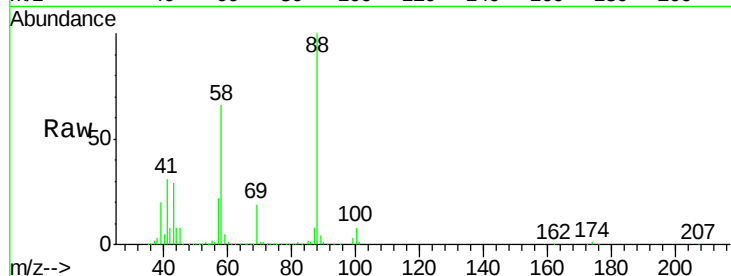




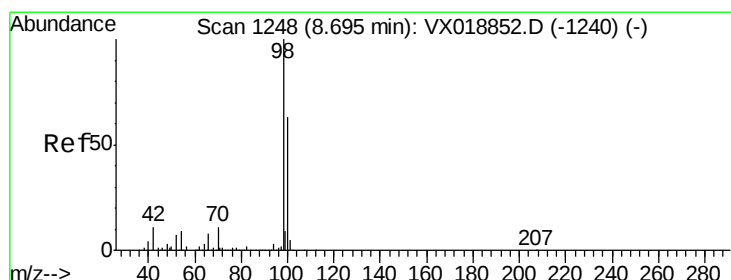
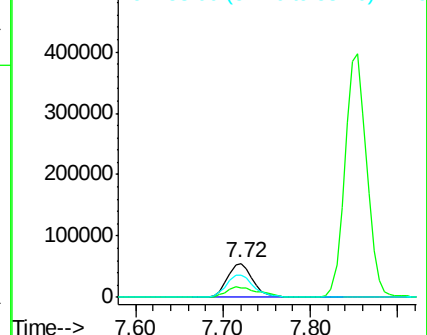
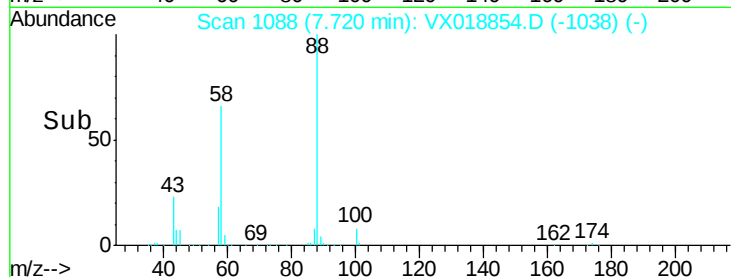
#49
1,4-Dioxane
Concen: 2670.623 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 112606
Ion Ratio Lower Upper
88 100
43 38.3 31.0 46.6
58 71.6 59.3 88.9

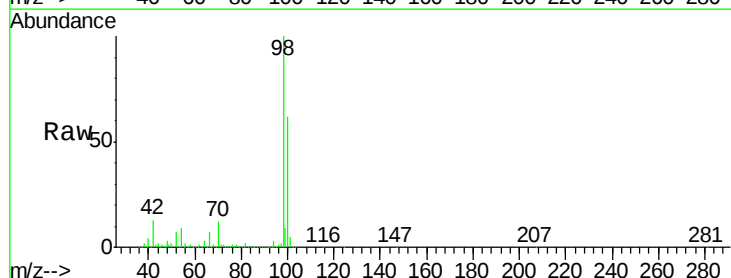


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

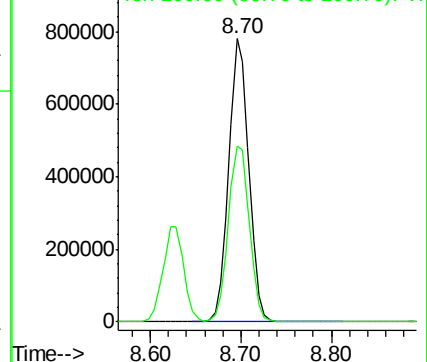
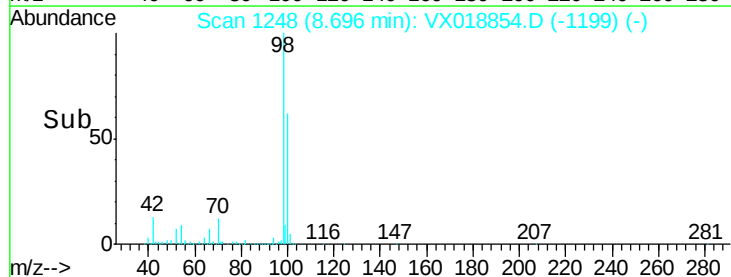


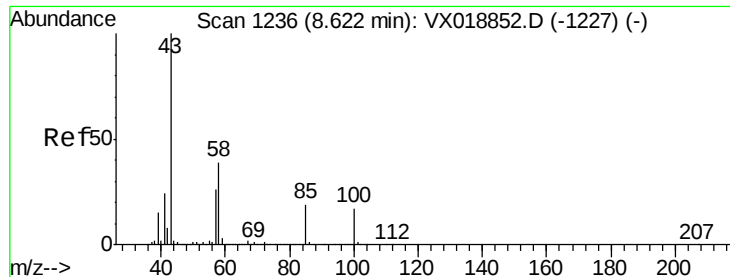
#50
Toluene-d8
Concen: 152.720 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion: 98 Resp: 1199206
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

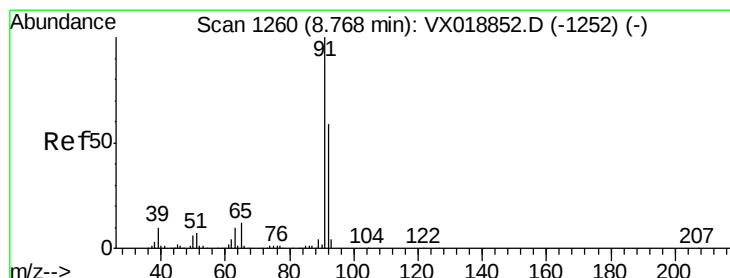
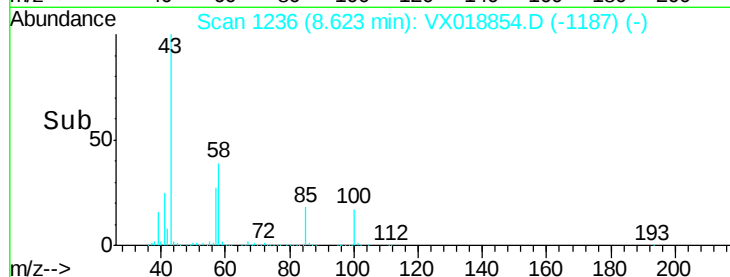
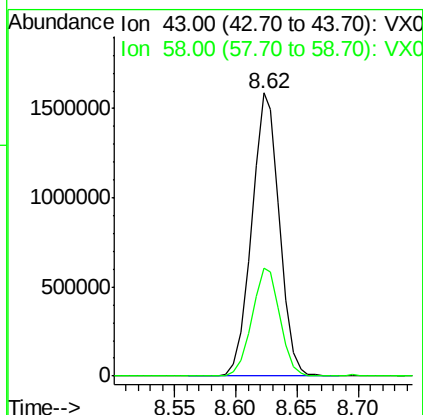
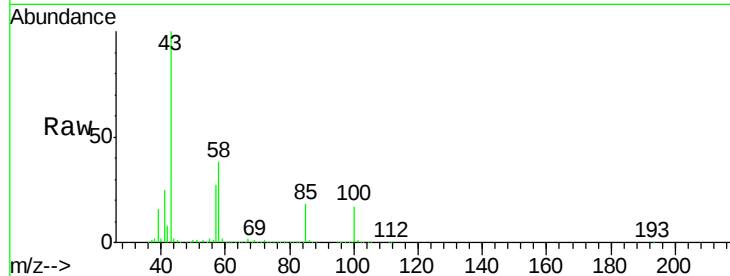




#51
 4-Methyl-2-Pentanone
 Concen: 786.879 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

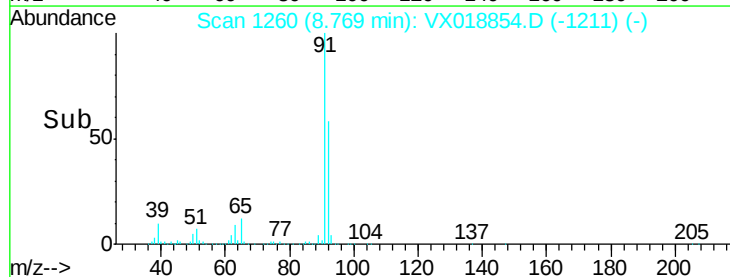
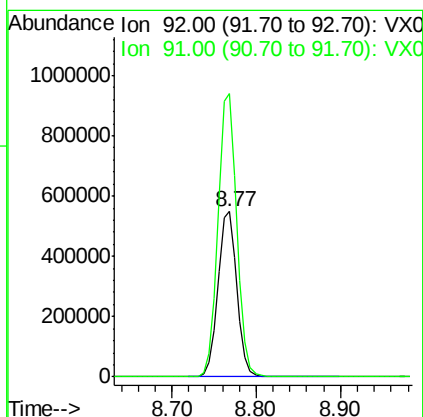
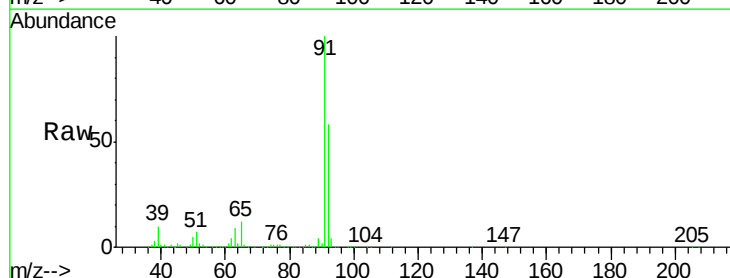
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

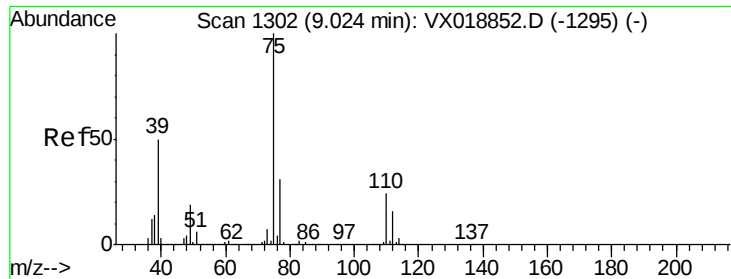
Tgt Ion: 43 Resp: 2506367
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.9 46.3



#52
 Toluene
 Concen: 153.940 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Tgt Ion: 92 Resp: 846372
 Ion Ratio Lower Upper
 92 100
 91 171.7 138.2 207.4

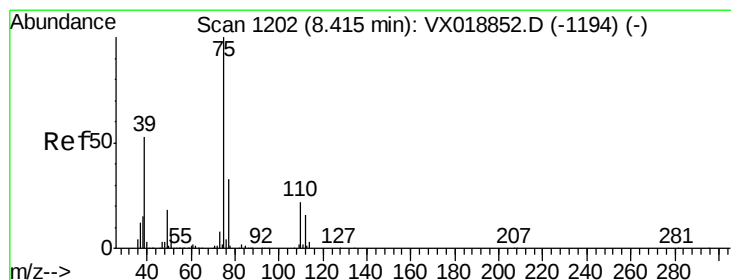
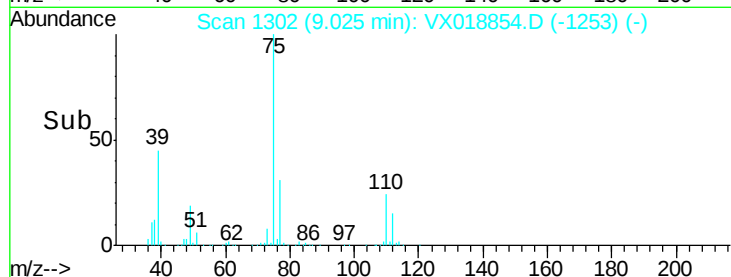
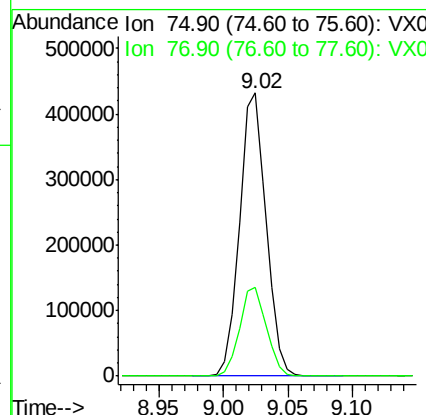
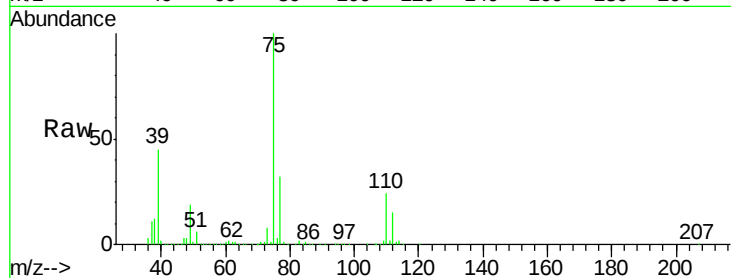




#53
 t-1,3-Dichloropropene
 Concen: 163.957 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

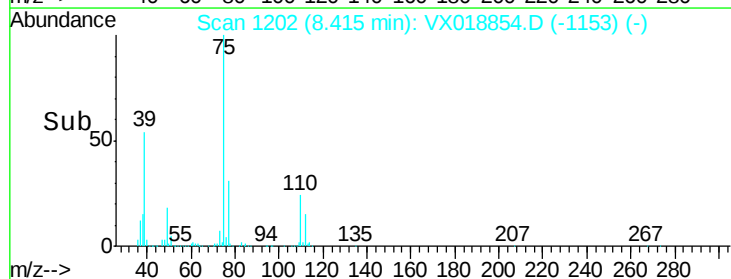
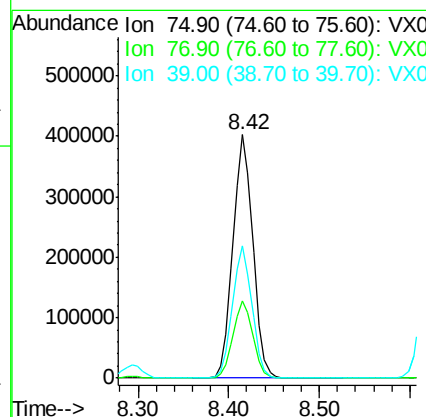
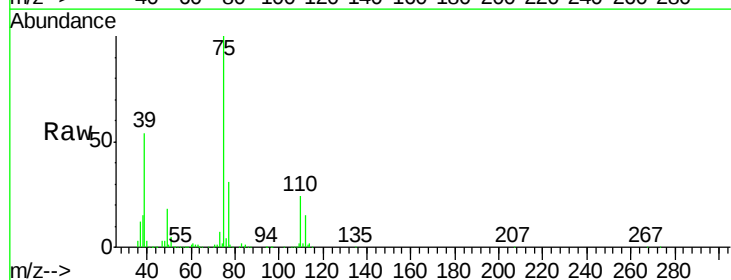
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

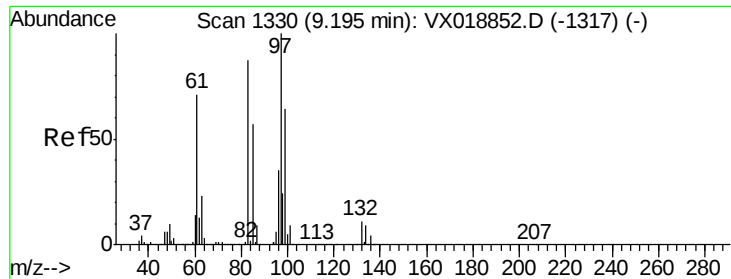
Tgt Ion: 75 Resp: 619062
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 159.427 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Tgt Ion: 75 Resp: 615337
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.6 39.8
 39 54.2 42.6 64.0

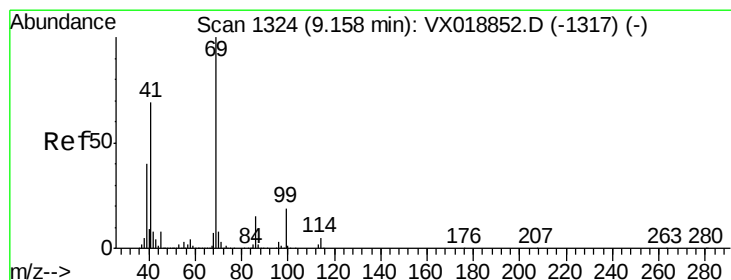
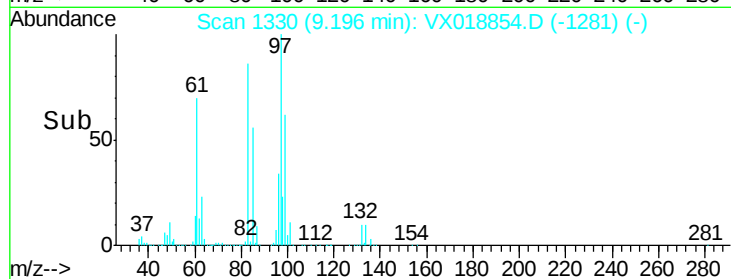
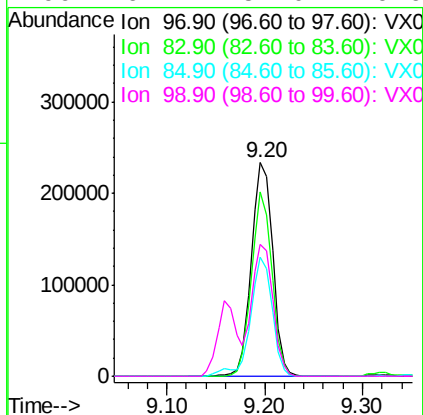
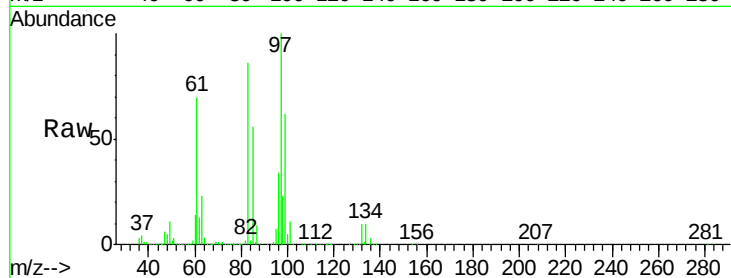




#55
 1,1,2-Trichloroethane
 Concen: 155.941 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

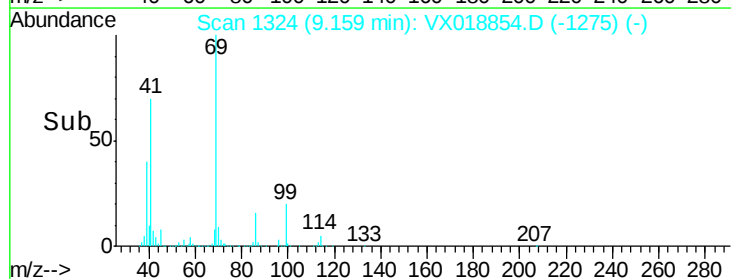
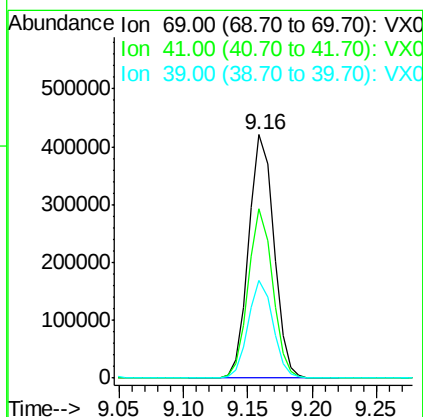
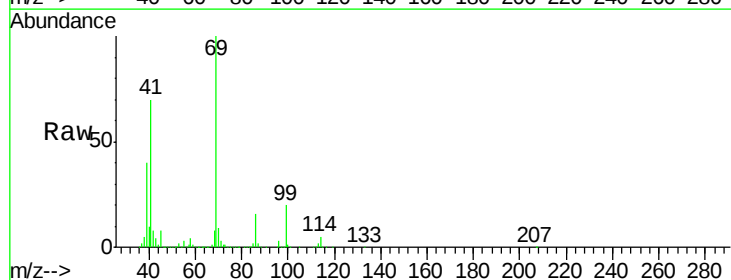
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

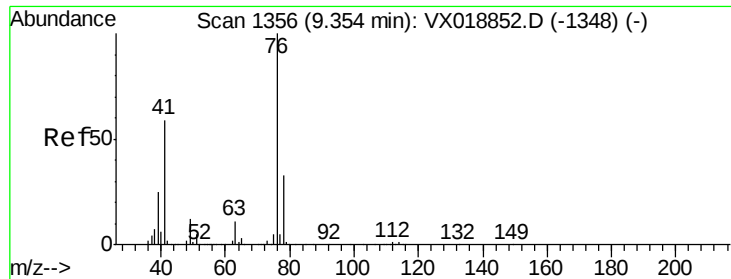
Tgt Ion:	97	Resp:	355200
Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.3	103.9
85	55.9	45.3	67.9
99	61.7	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 169.462 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Tgt Ion:	69	Resp:	565886
Ion	Ratio	Lower	Upper
69	100		
41	67.6	54.6	81.8
39	39.6	31.5	47.3





#57

1,3-Dichloropropane

Concen: 156.707 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

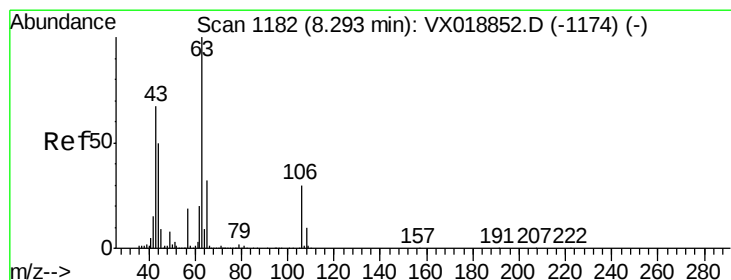
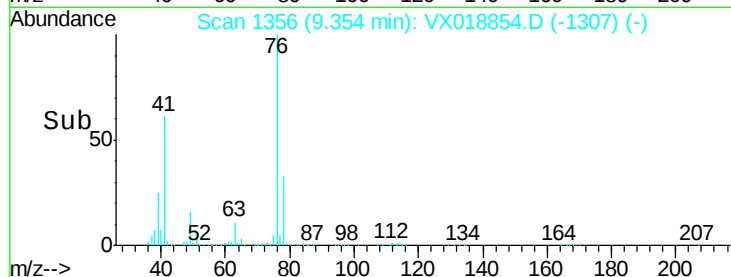
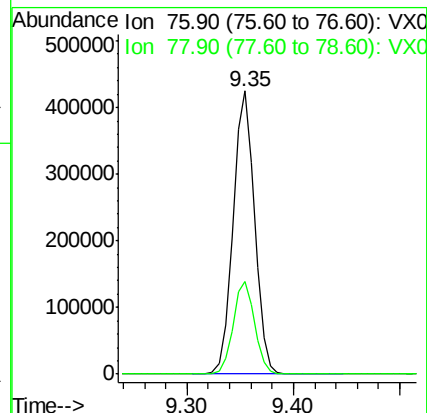
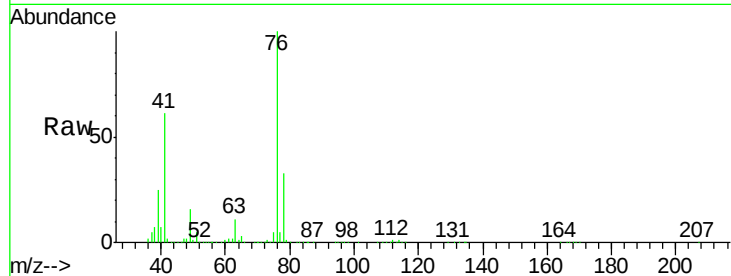
VSTDIC150

Tgt Ion: 76 Resp: 599886

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 789.085 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018854.D

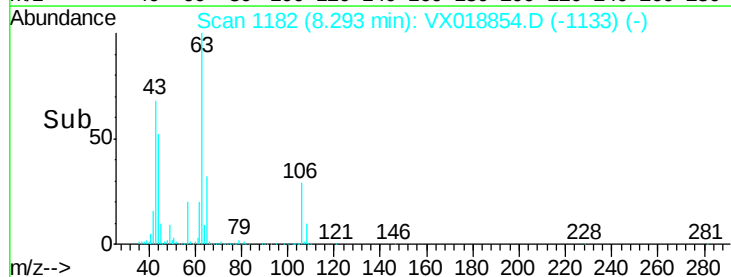
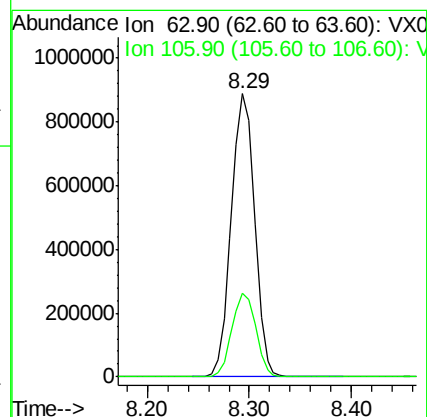
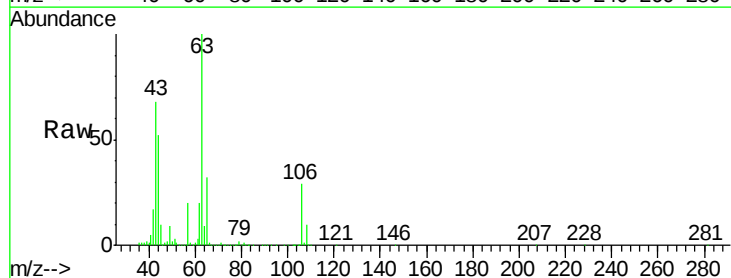
Acq: 09 Oct 2020 13:11

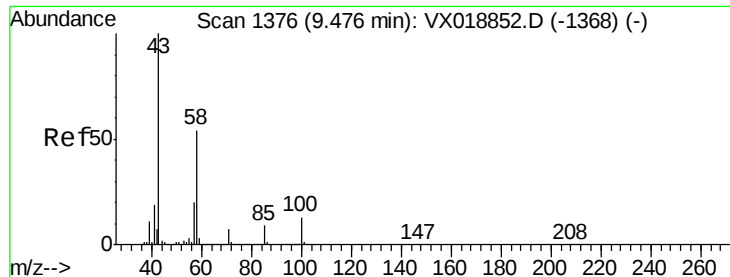
Tgt Ion: 63 Resp: 1408186

Ion Ratio Lower Upper

63 100

106 30.1 24.2 36.4

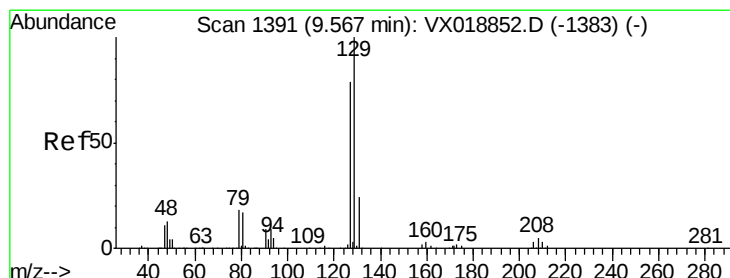
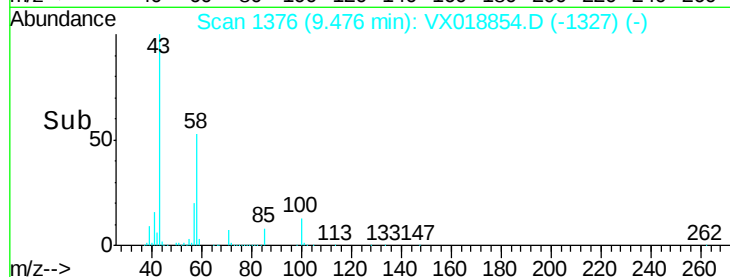
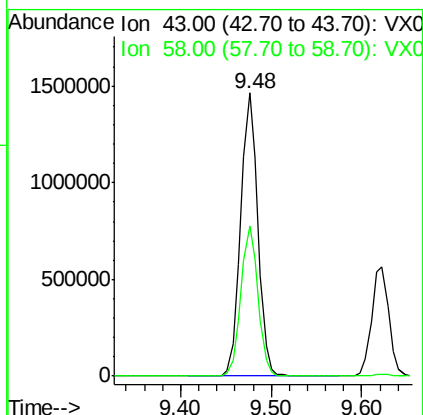
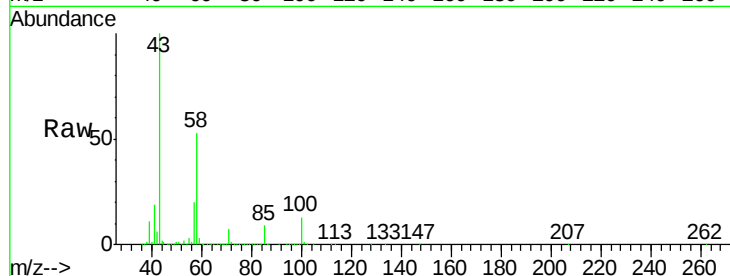




#59
2-Hexanone
Concen: 791.592 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

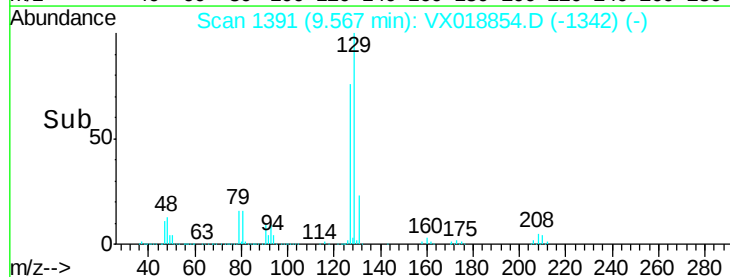
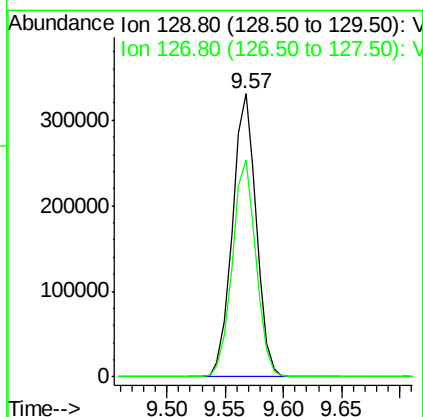
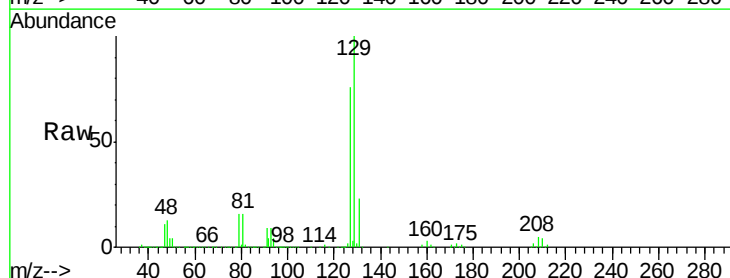
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

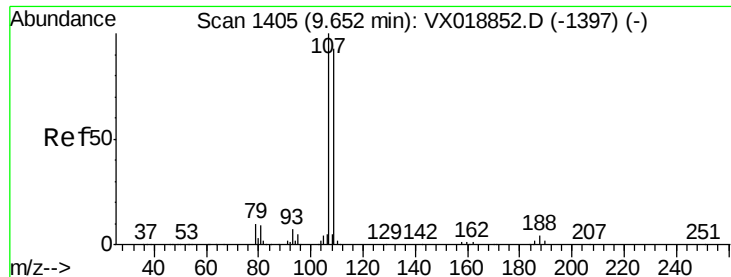
Tgt Ion: 43 Resp: 1917461
Ion Ratio Lower Upper
43 100
58 52.9 26.7 80.1



#60
Dibromochloromethane
Concen: 172.101 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion: 129 Resp: 471330
Ion Ratio Lower Upper
129 100
127 76.1 39.5 118.5





#61

1,2-Dibromoethane

Concen: 163.308 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

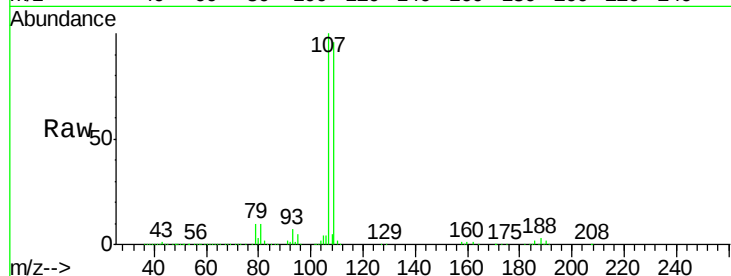
VSTDIC150

Tgt Ion: 107 Resp: 396609

Ion Ratio Lower Upper

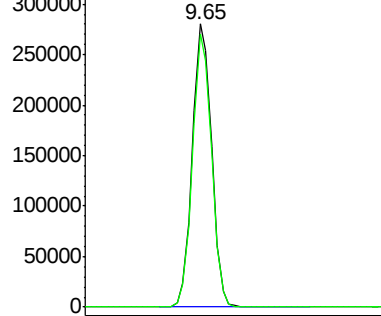
107 100

109 95.5 75.2 112.8

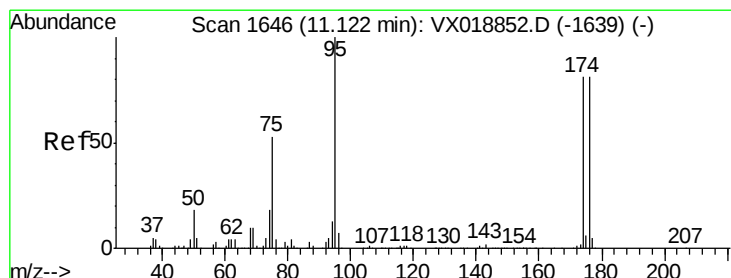
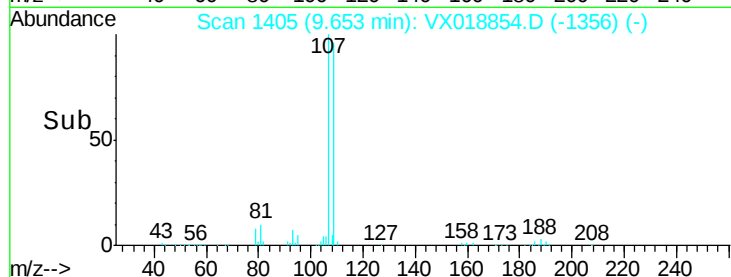


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 160.741 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

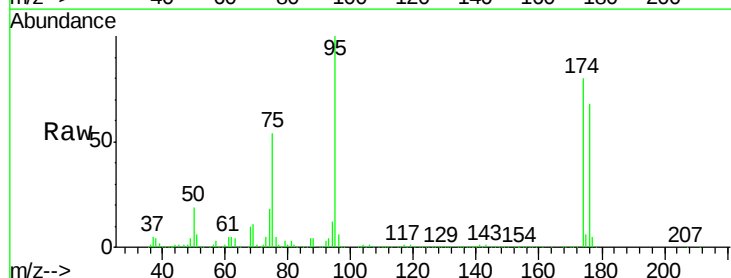
Tgt Ion: 95 Resp: 504881

Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.0

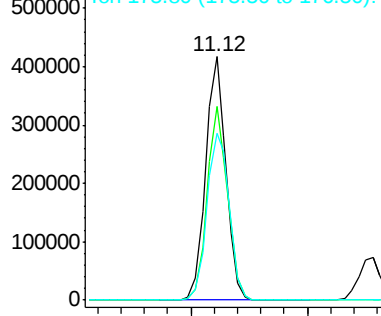
176 75.1 0.0 161.2



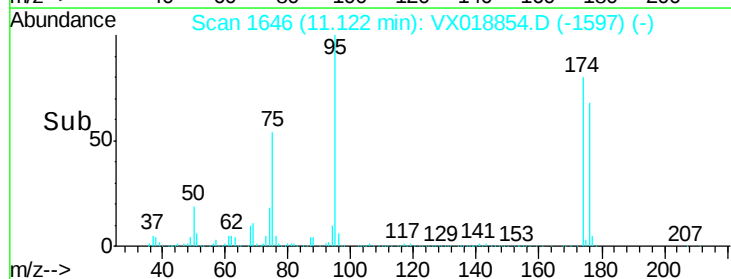
Abundance Ion 94.90 (94.60 to 95.60): VX0

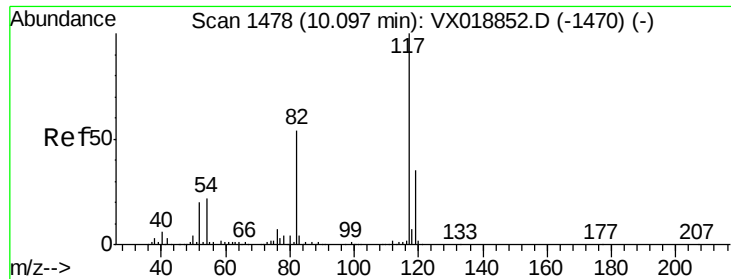
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

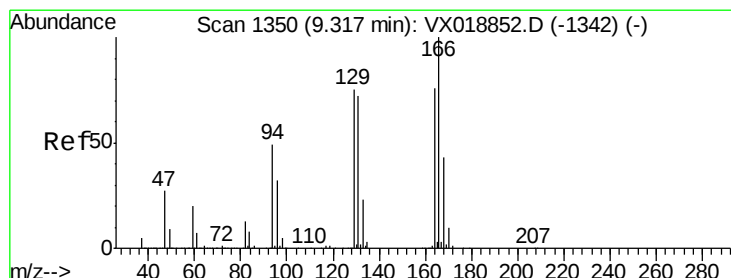
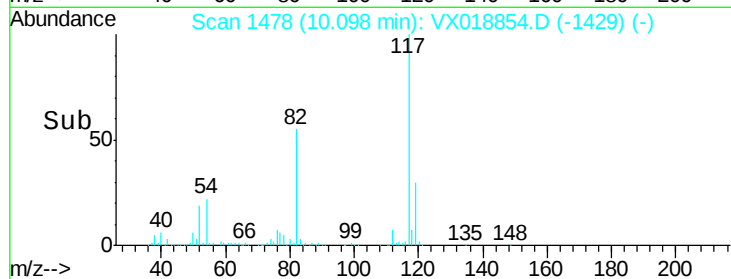
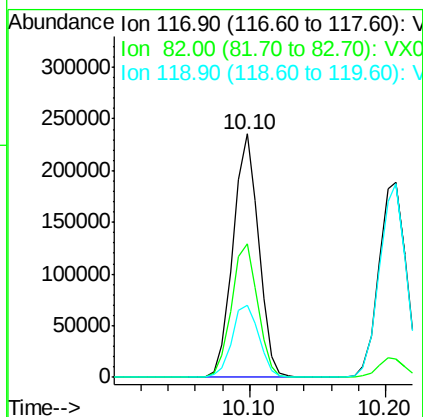
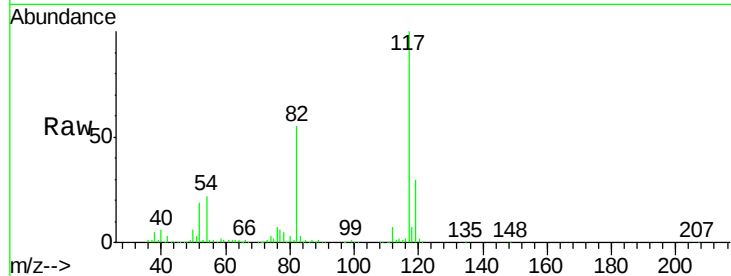




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

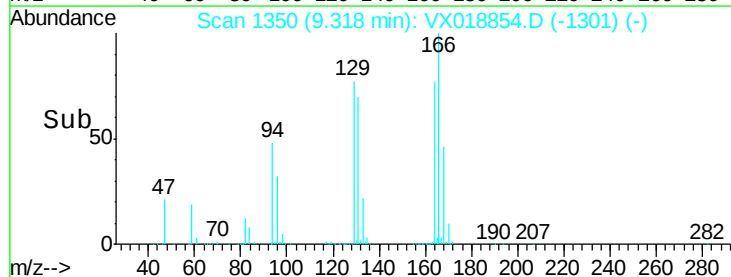
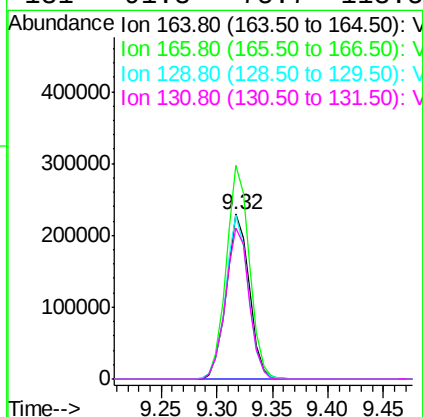
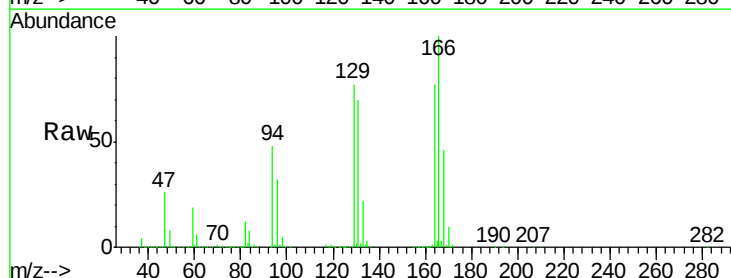
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

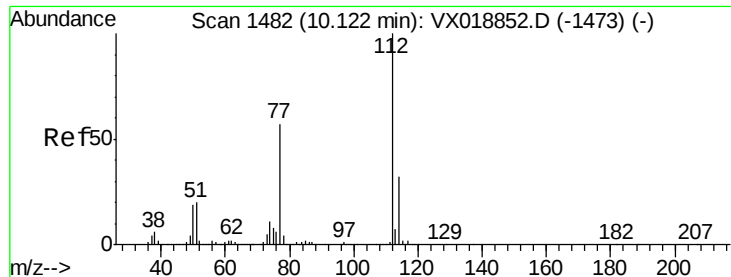
Tgt Ion:117 Resp: 308311
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.2
119 29.7 28.3 42.5



#64
Tetrachloroethene
Concen: 135.015 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion:164 Resp: 326434
Ion Ratio Lower Upper
164 100
166 129.6 105.4 158.0
129 99.2 79.0 118.6
131 91.3 75.7 113.5

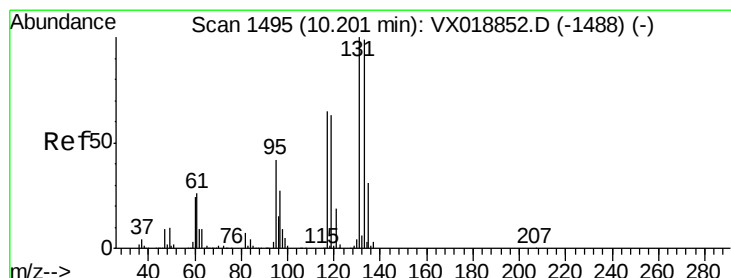
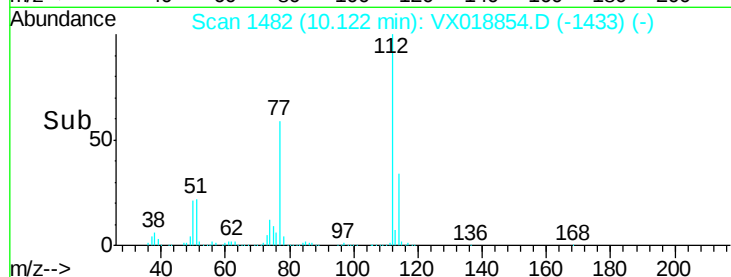
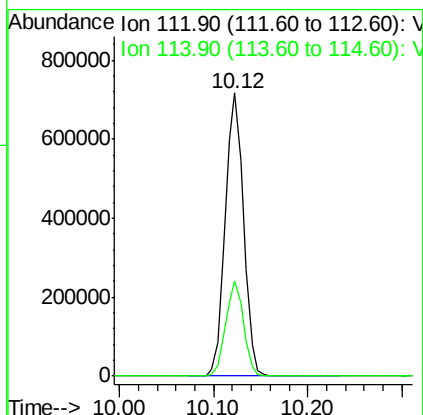
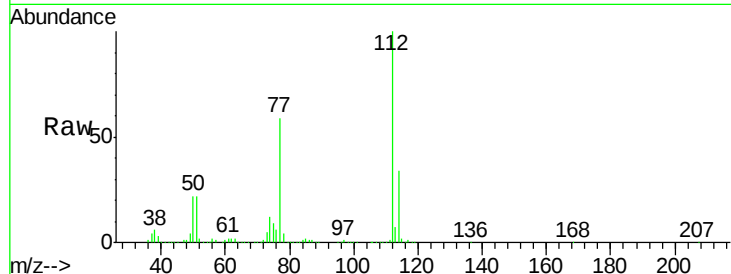




#65
Chlorobenzene
Concen: 151.291 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

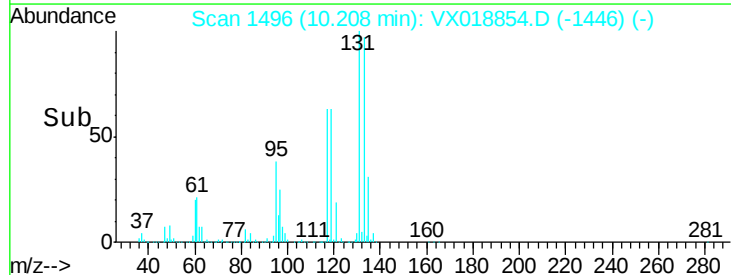
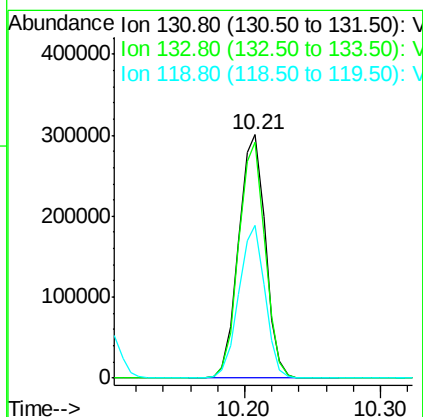
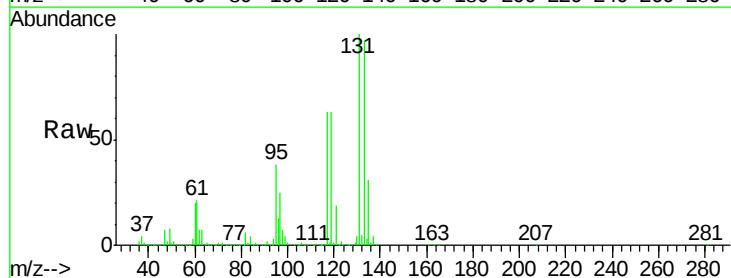
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

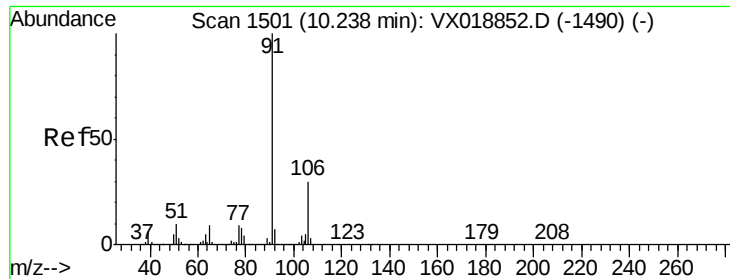
Tgt Ion:112 Resp: 966173
Ion Ratio Lower Upper
112 100
114 33.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 160.663 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion:131 Resp: 411996
Ion Ratio Lower Upper
131 100
133 95.5 48.6 145.8
119 61.0 31.1 93.3





#67

Ethyl Benzene

Concen: 157.979 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

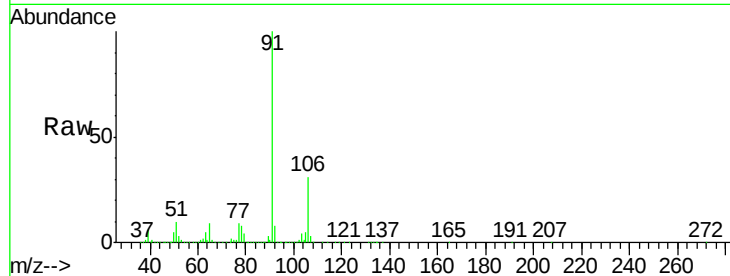
VSTDIC150

Tgt Ion: 91 Resp: 1748716

Ion Ratio Lower Upper

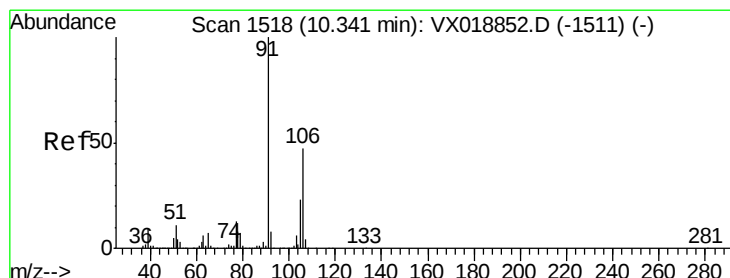
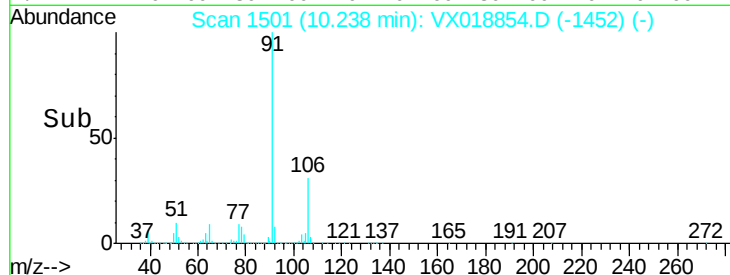
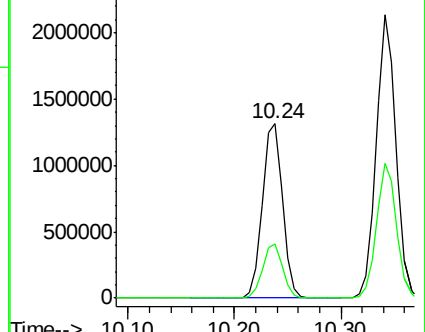
91 100

106 31.0 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX018854.D (-1490) (-)

Ion 106.00 (105.70 to 106.70): VX018854.D (-1490) (-)



#68

m/p-Xylenes

Concen: 316.098 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018854.D

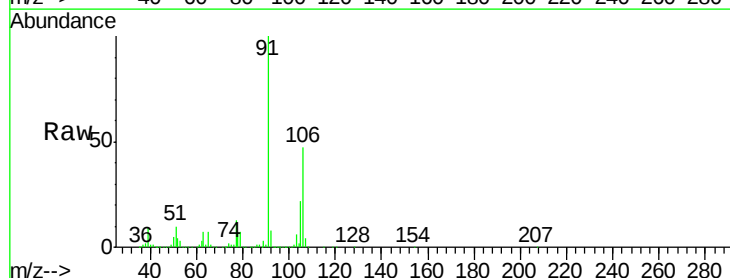
Acq: 09 Oct 2020 13:11

Tgt Ion: 106 Resp: 1326870

Ion Ratio Lower Upper

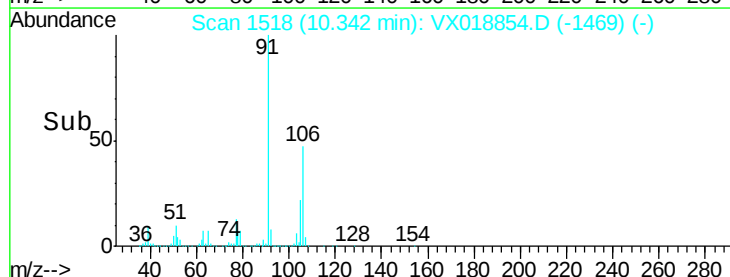
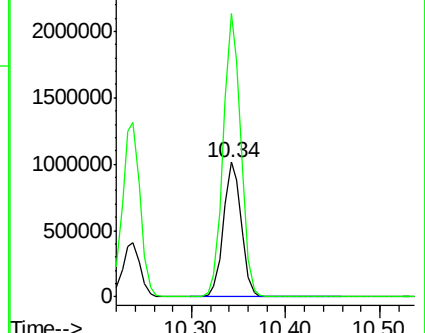
106 100

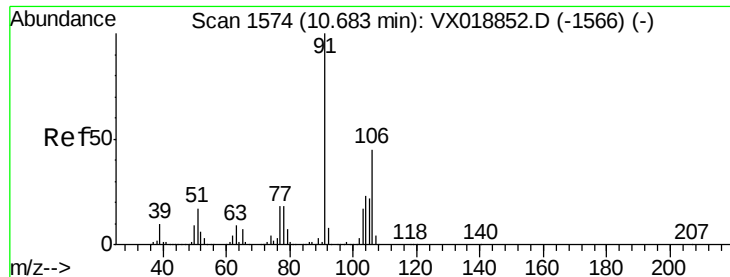
91 207.3 165.6 248.4



Abundance Ion 106.00 (105.70 to 106.70): VX018854.D (-1469) (-)

Ion 91.00 (90.70 to 91.70): VX018854.D (-1469) (-)

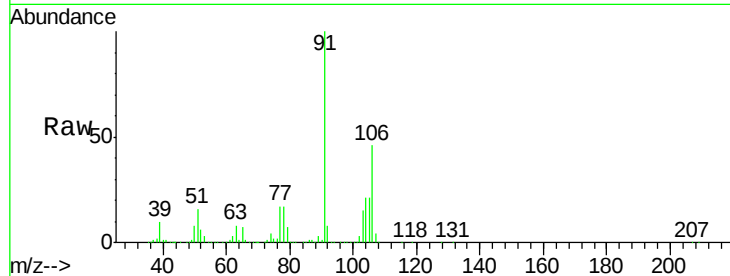




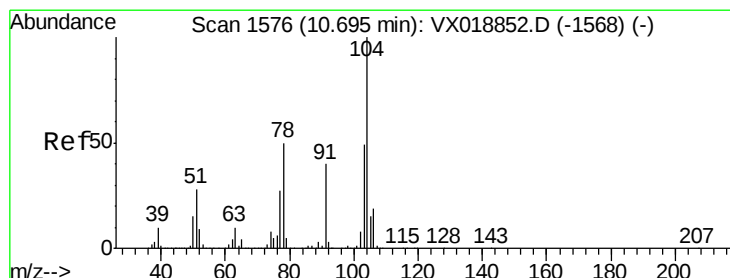
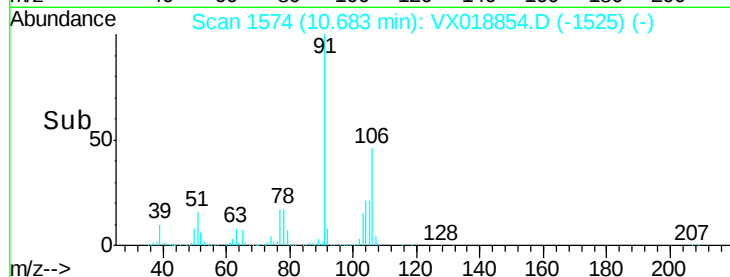
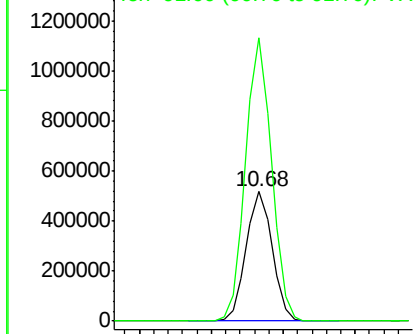
#69
o-Xylene
Concen: 164.136 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 650333
Ion Ratio Lower Upper
106 100
91 217.8 109.9 329.6

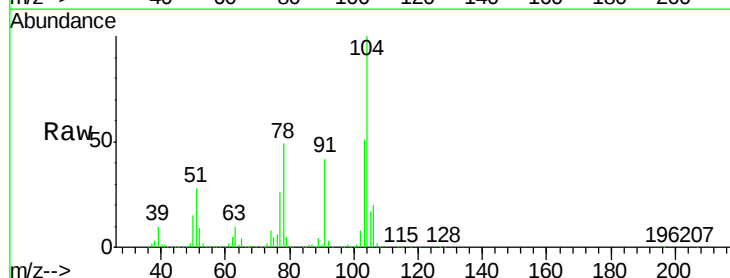


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

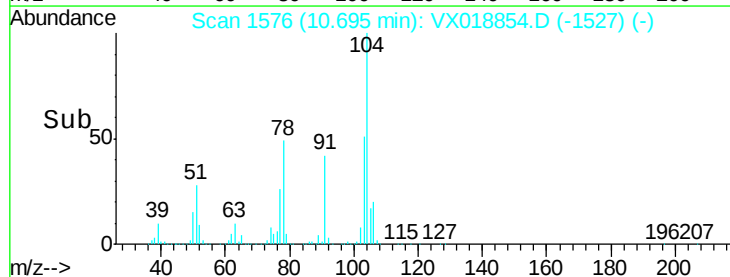
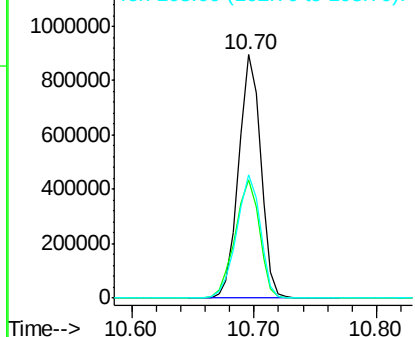


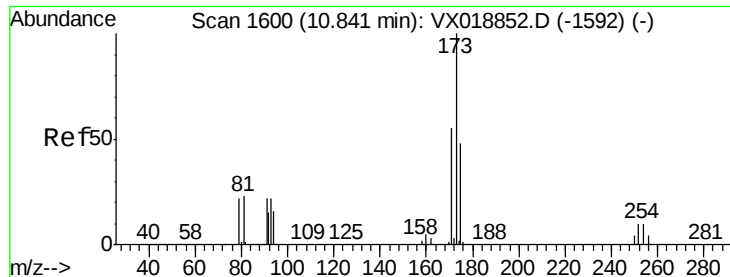
#70
Styrene
Concen: 163.424 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion:104 Resp: 1115950
Ion Ratio Lower Upper
104 100
78 54.0 43.5 65.3
103 54.8 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: 170.481 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

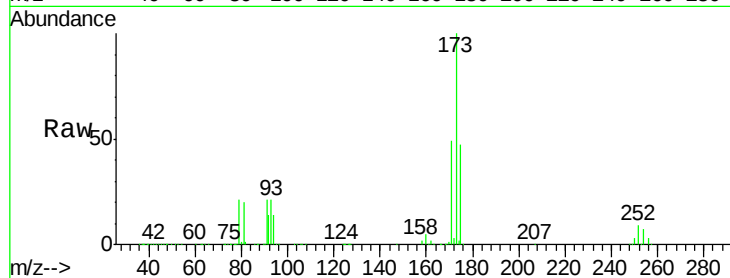
Tgt Ion:173 Resp: 369225

Ion Ratio Lower Upper

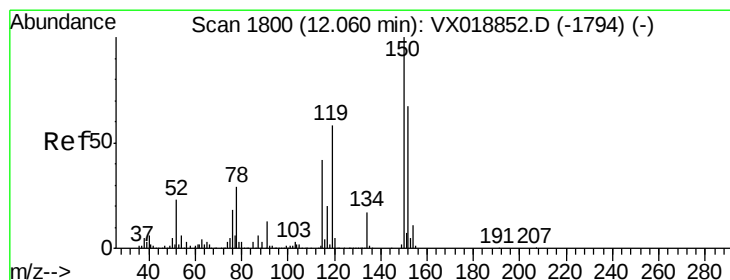
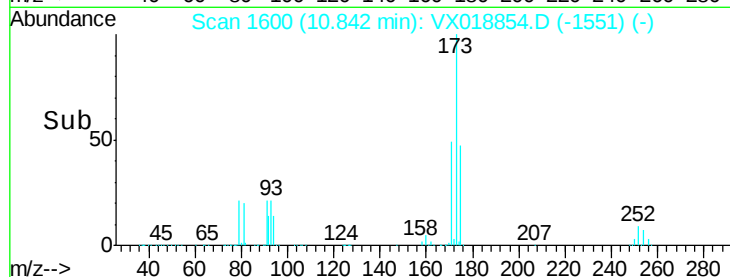
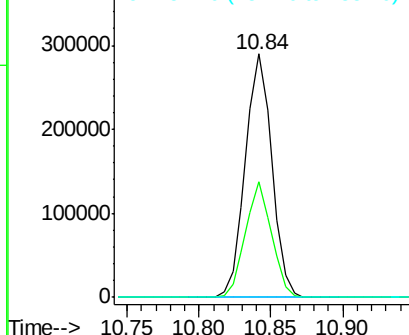
173 100

175 46.8 23.4 70.0

254 0.1 0.0 0.0#



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: VX018854.D

Acq: 09 Oct 2020 13:11

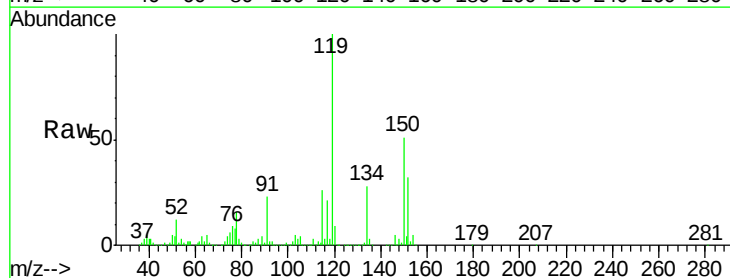
Tgt Ion:152 Resp: 169998

Ion Ratio Lower Upper

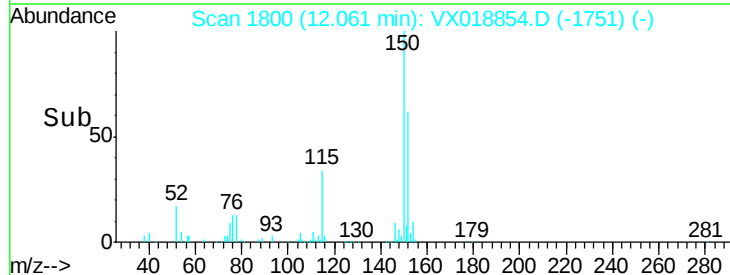
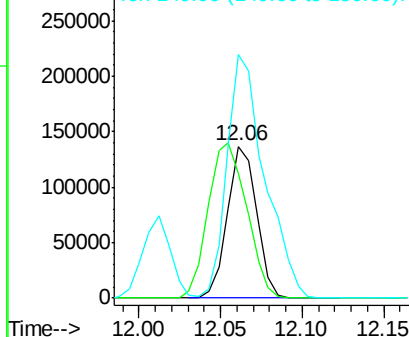
152 100

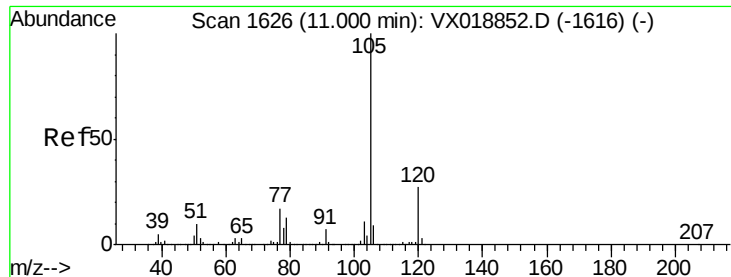
115 135.9 41.8 125.4#

150 207.7 0.0 347.6



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





#73

Isopropylbenzene

Concen: 159.308 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

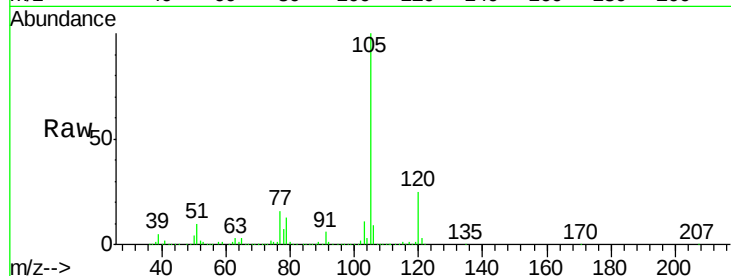
VSTDIC150

Tgt Ion:105 Resp: 1813772

Ion Ratio Lower Upper

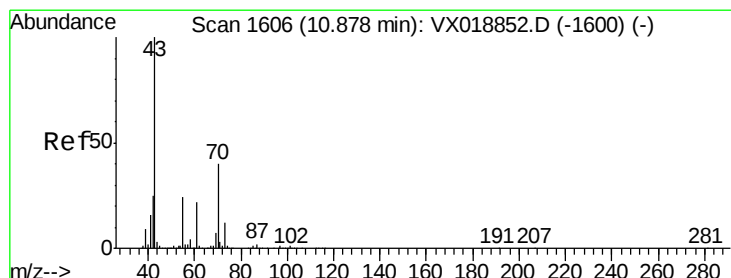
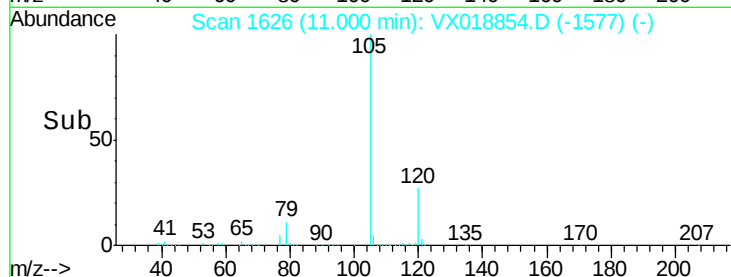
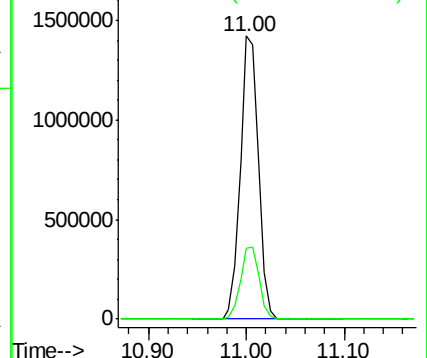
105 100

120 26.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 150.380 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Tgt Ion: 43 Resp: 756829

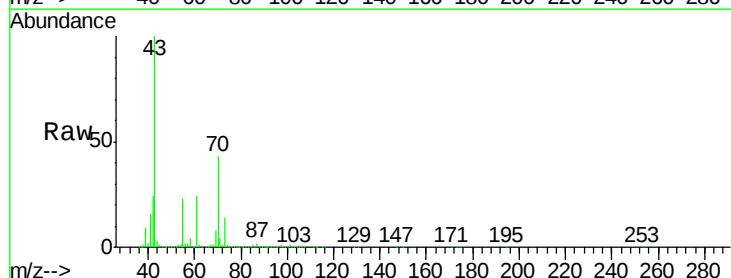
Ion Ratio Lower Upper

43 100

70 42.4 33.7 50.5

55 23.5 19.8 29.8

61 24.1 18.6 28.0

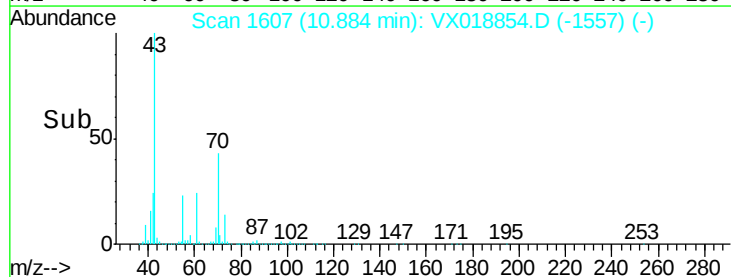
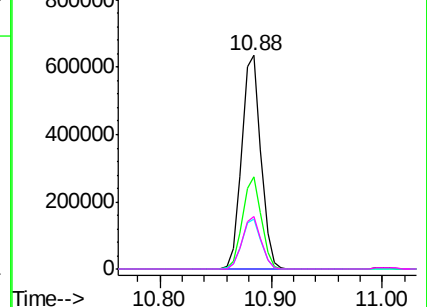


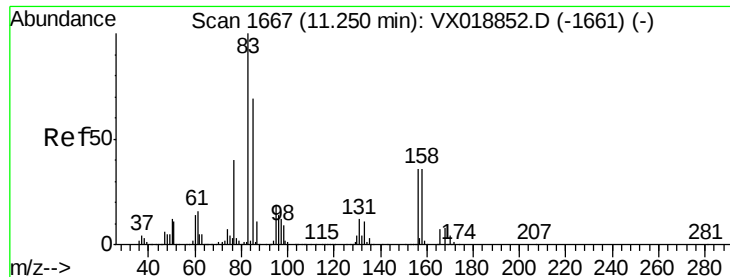
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 142.230 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

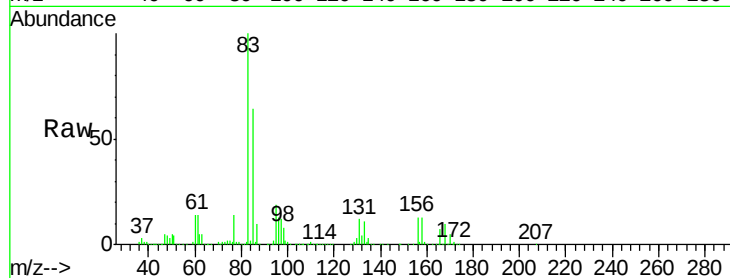
Tgt Ion: 83 Resp: 530968

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.8

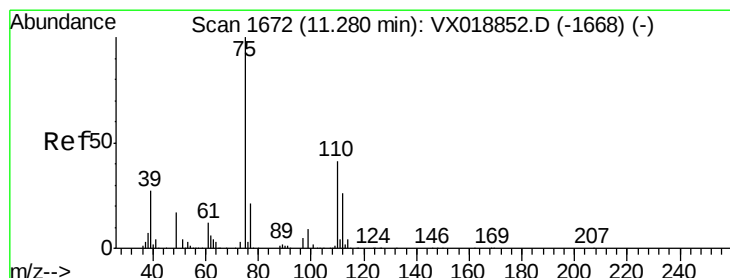
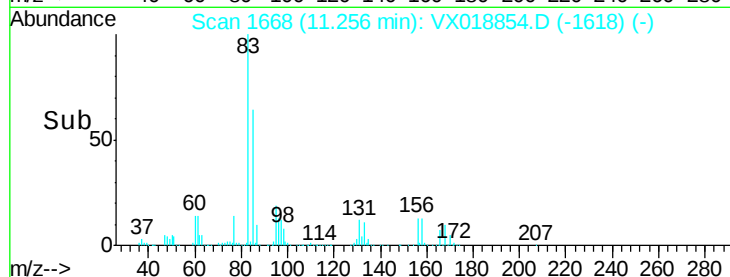
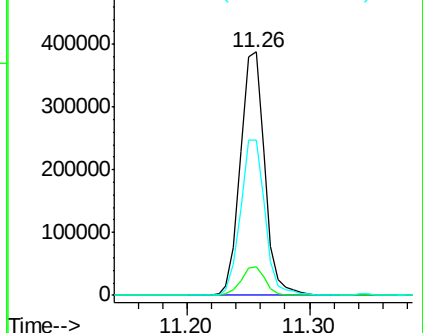
85 64.2 33.0 98.9



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: 187.819 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018854.D

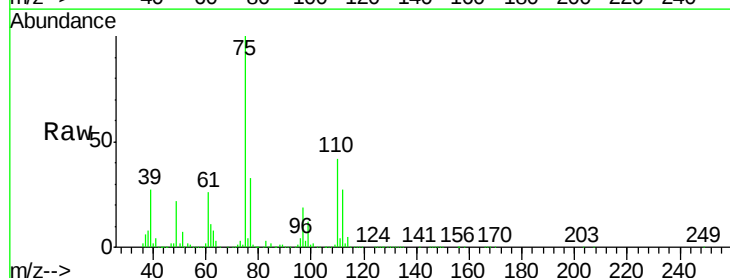
Acq: 09 Oct 2020 13:11

Tgt Ion: 75 Resp: 669458

Ion Ratio Lower Upper

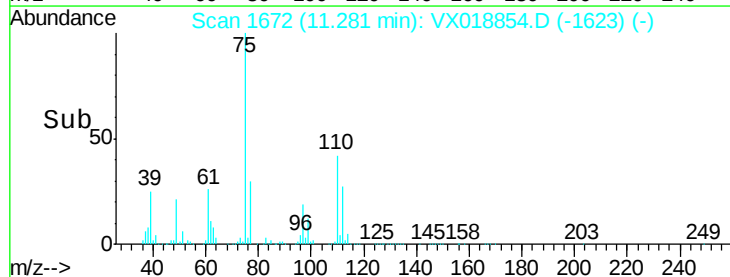
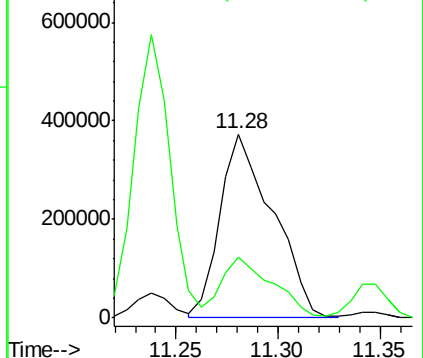
75 100

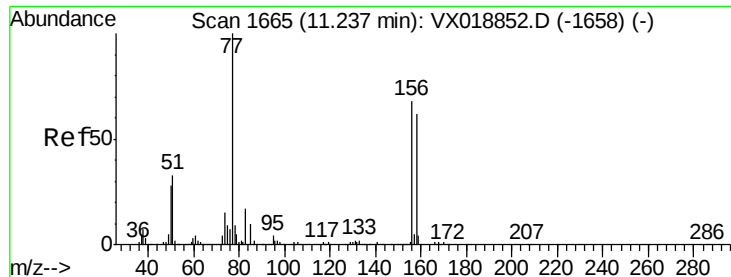
77 31.9 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 148.593 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

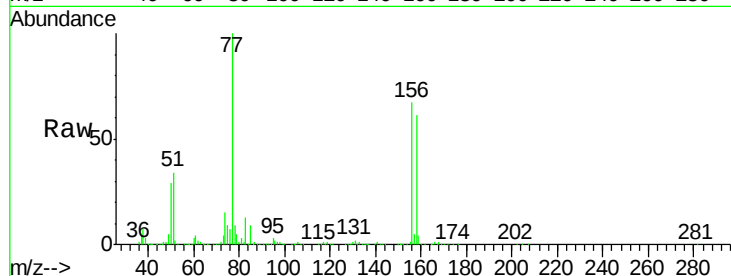
Tgt Ion:156 Resp: 466407

Ion Ratio Lower Upper

156 100

77 152.3 76.0 228.1

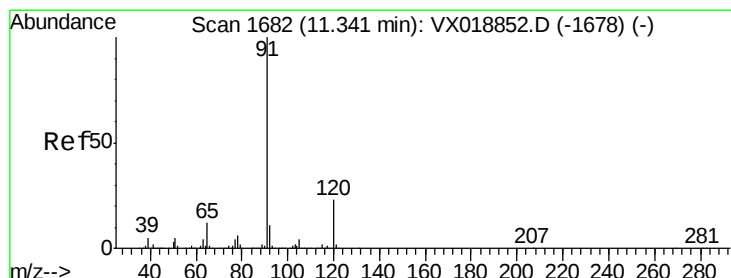
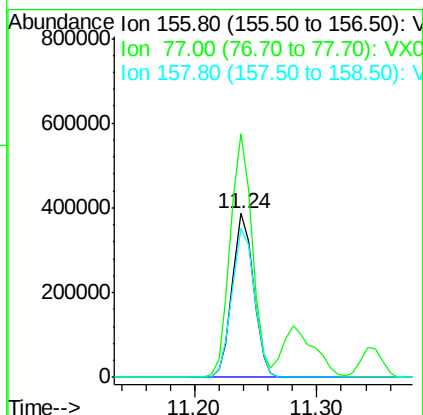
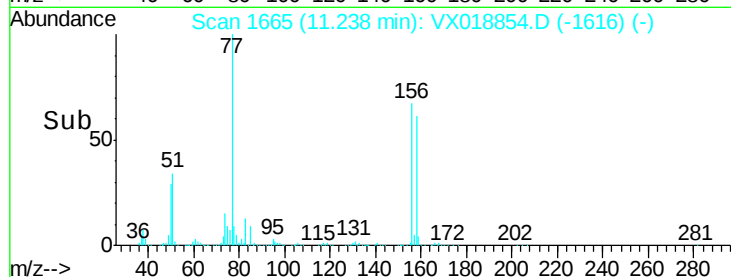
158 95.7 47.2 141.6



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: 153.901 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX018854.D

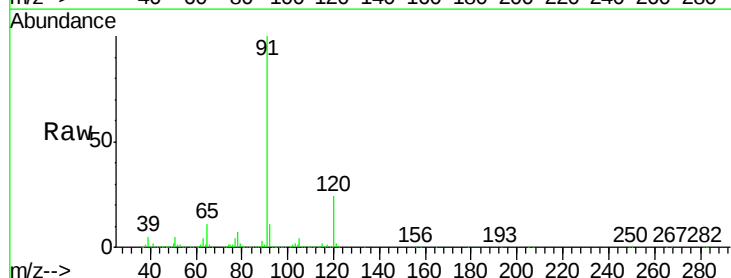
Acq: 09 Oct 2020 13:11

Tgt Ion: 91 Resp: 2038404

Ion Ratio Lower Upper

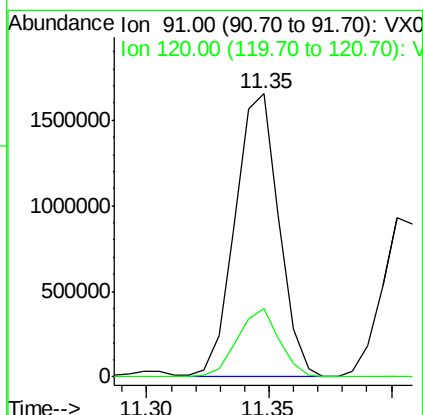
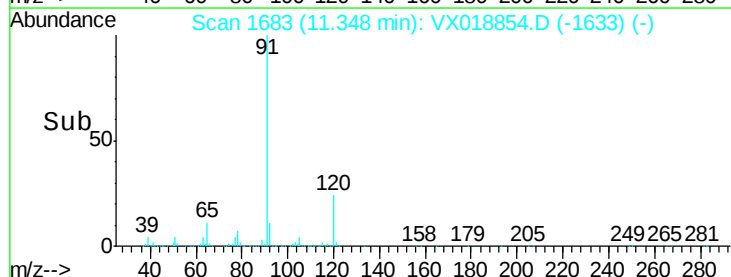
91 100

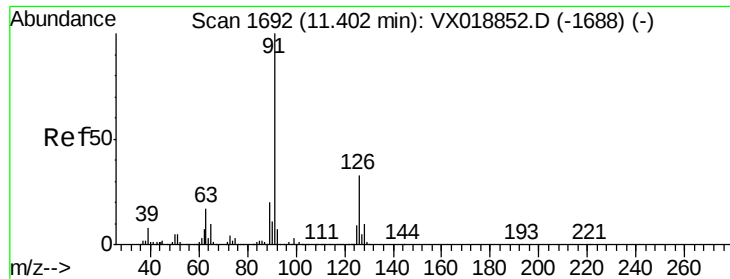
120 23.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 149.955 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

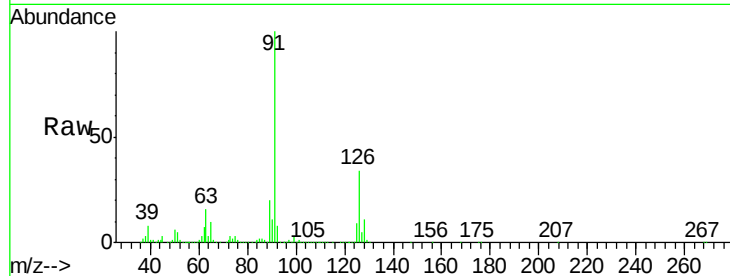
VSTDIC150

Tgt Ion: 91 Resp: 1205794

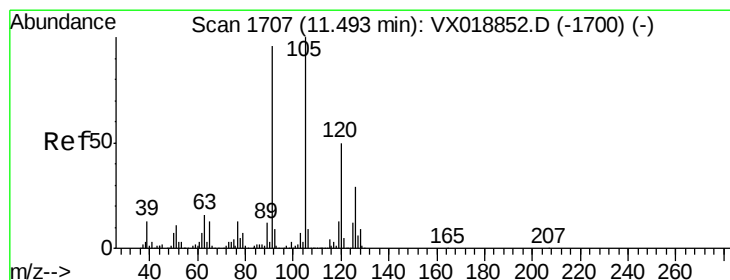
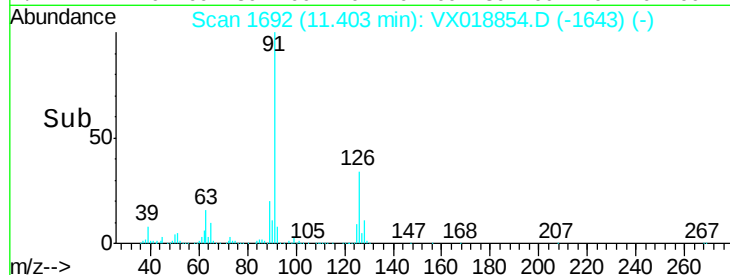
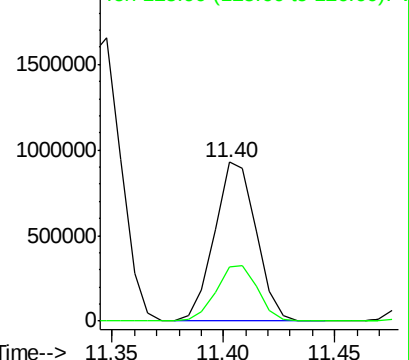
Ion Ratio Lower Upper

91 100

126 35.3 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VX018852.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 158.497 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018854.D

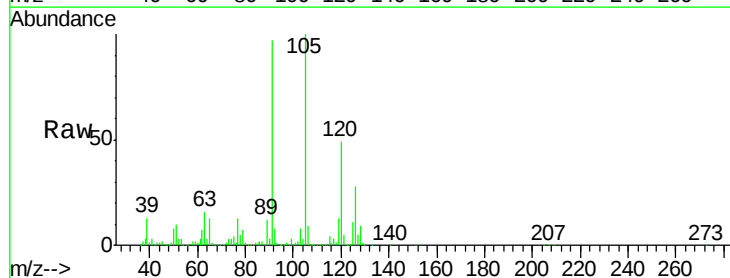
Acq: 09 Oct 2020 13:11

Tgt Ion: 105 Resp: 1545414

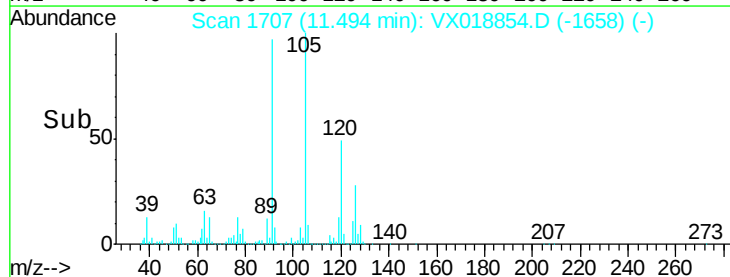
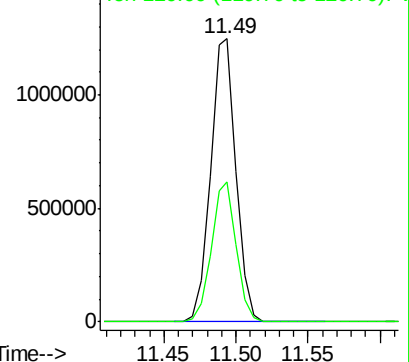
Ion Ratio Lower Upper

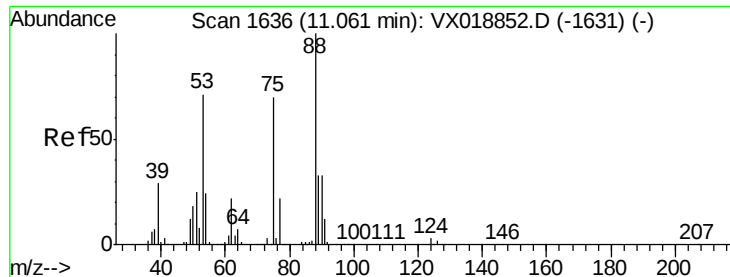
105 100

120 48.2 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VX018852.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 148.496 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

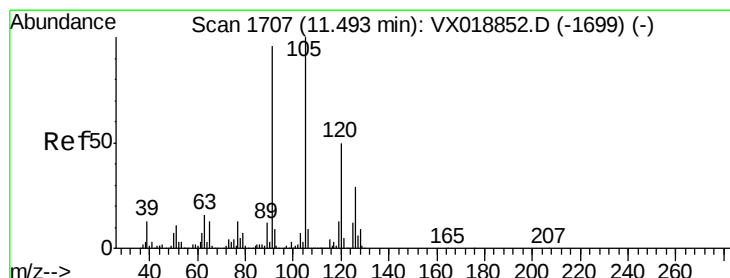
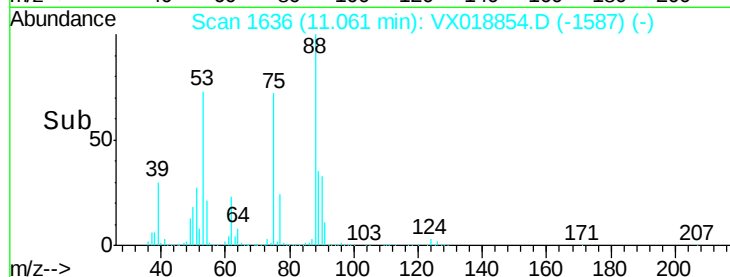
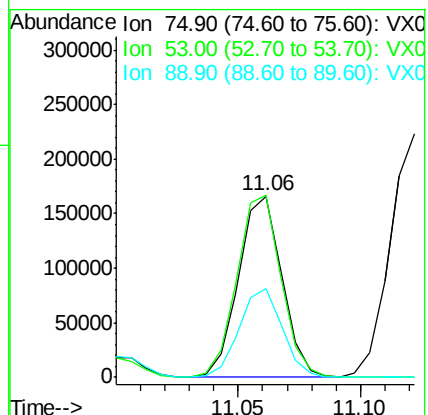
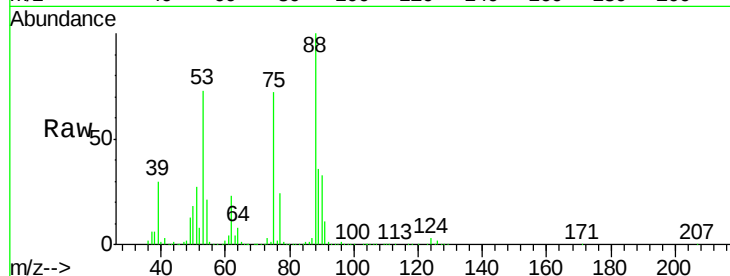
Tgt Ion: 75 Resp: 203382

Ion Ratio Lower Upper

75 100

53 102.8 85.0 127.4

89 49.4 39.0 58.4



#82

4-Chlorotoluene

Concen: 153.503 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018854.D

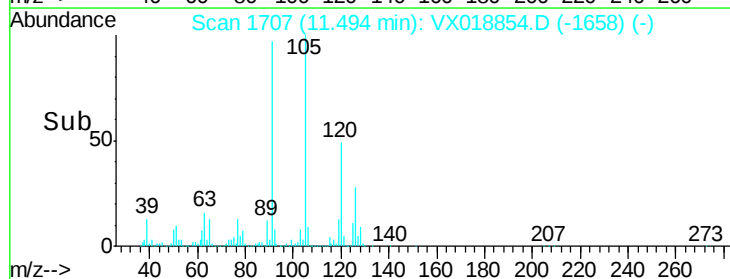
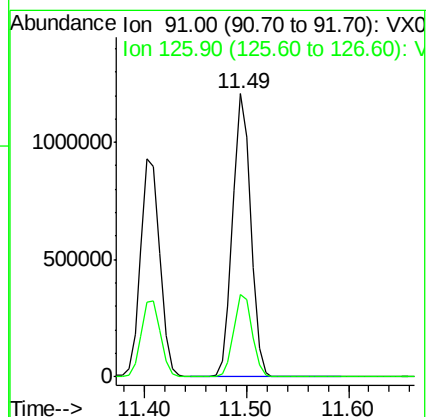
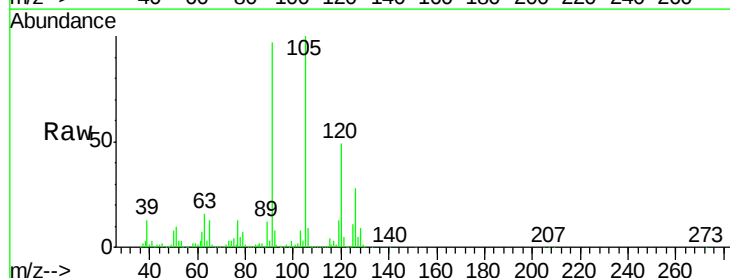
Acq: 09 Oct 2020 13:11

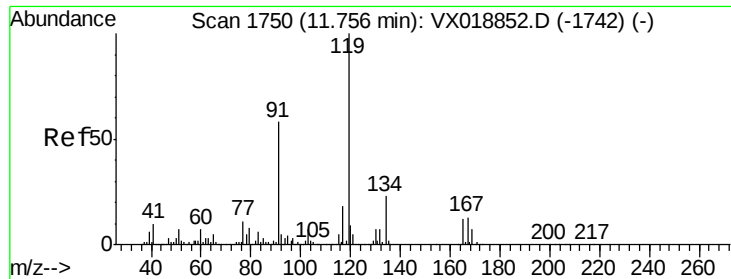
Tgt Ion: 91 Resp: 1470255

Ion Ratio Lower Upper

91 100

126 29.4 14.9 44.7

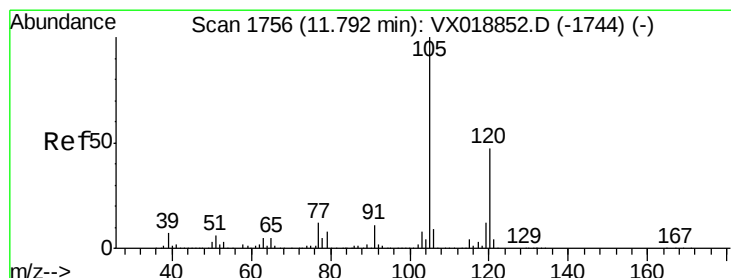
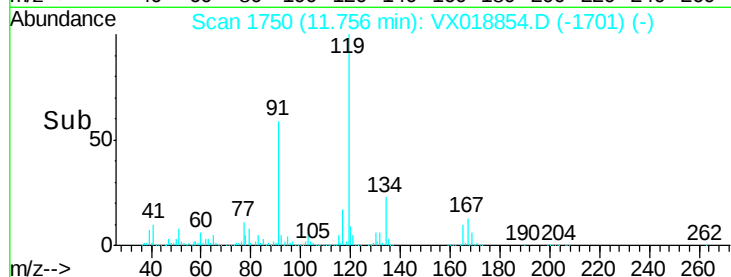
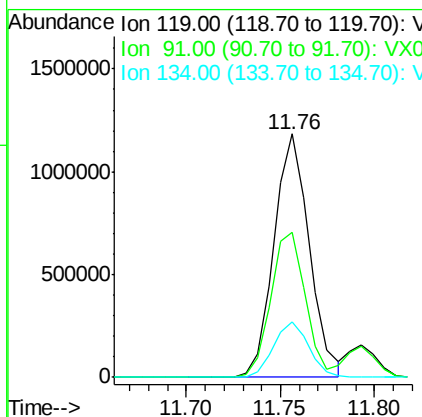
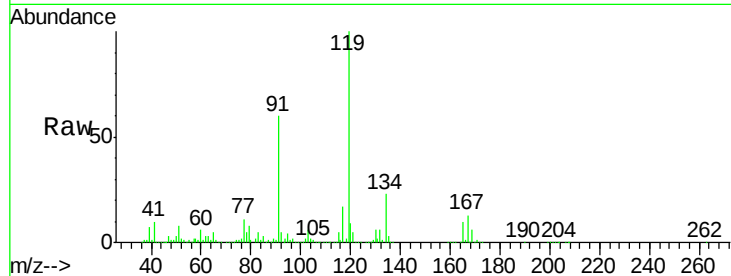




#83
 tert-Butylbenzene
 Concen: 162.397 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

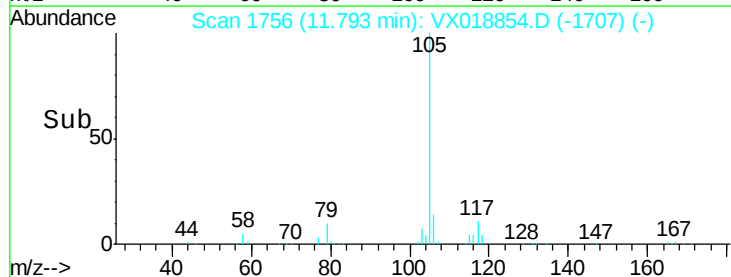
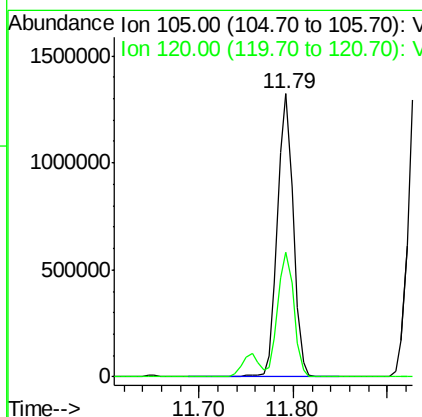
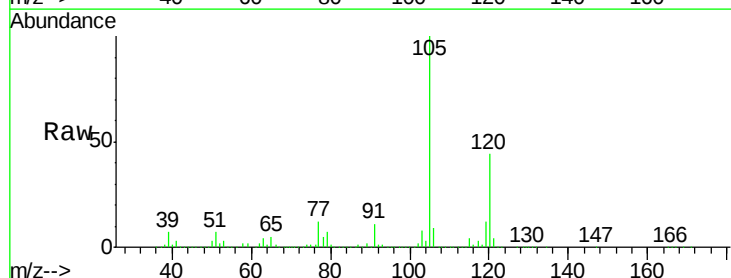
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

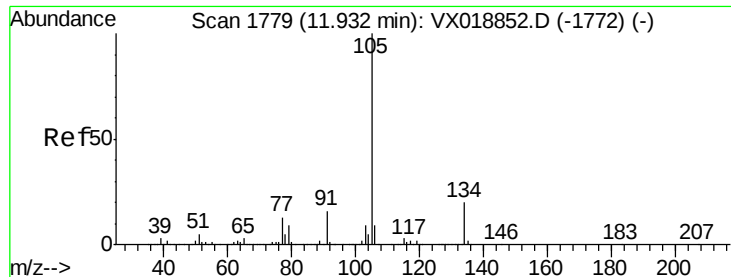
Tgt Ion:119 Resp: 1538888
 Ion Ratio Lower Upper
 119 100
 91 58.2 28.6 85.9
 134 22.5 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 158.600 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Tgt Ion:105 Resp: 1552876
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.6 67.8





#85

sec-Butylbenzene

Concen: 157.073 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

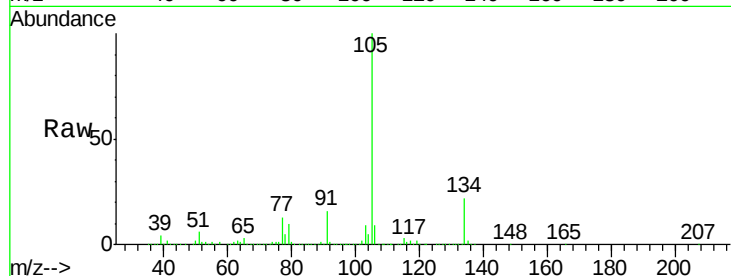
VSTDIC150

Tgt Ion:105 Resp: 1747321

Ion Ratio Lower Upper

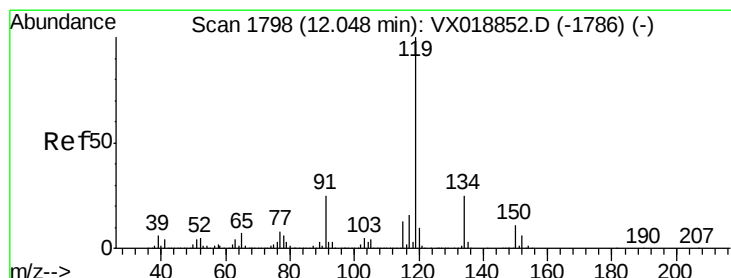
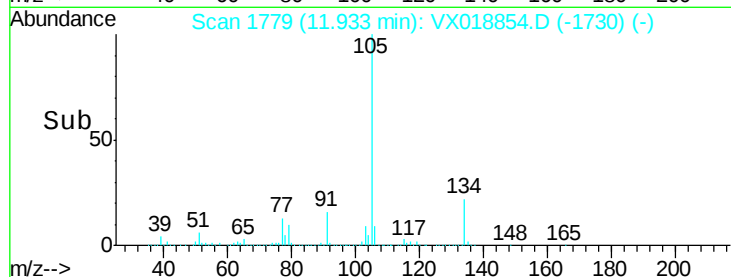
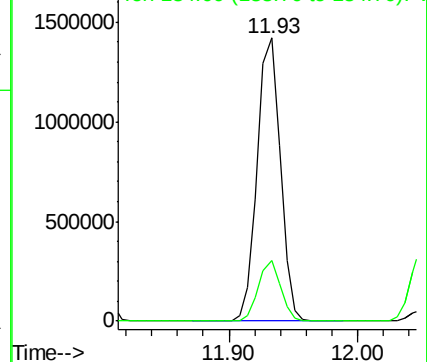
105 100

134 20.8 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 162.015 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

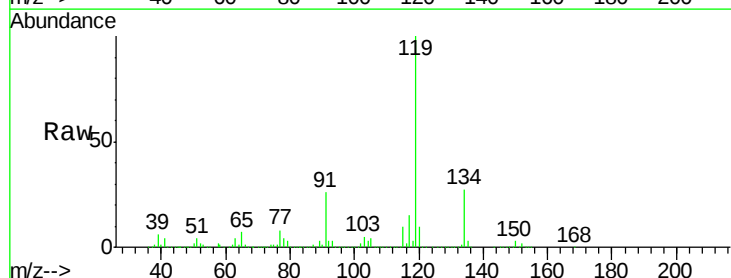
Tgt Ion:119 Resp: 1665223

Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.4

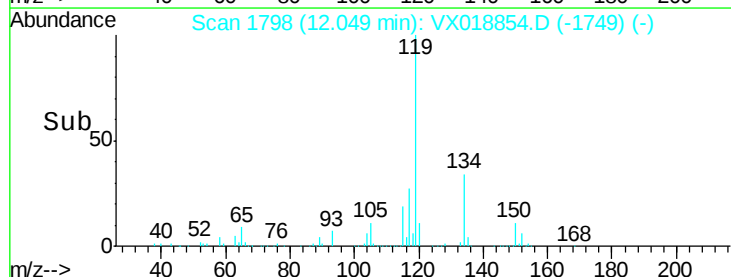
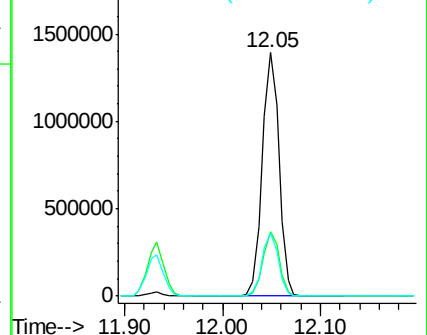
91 25.1 12.3 36.9

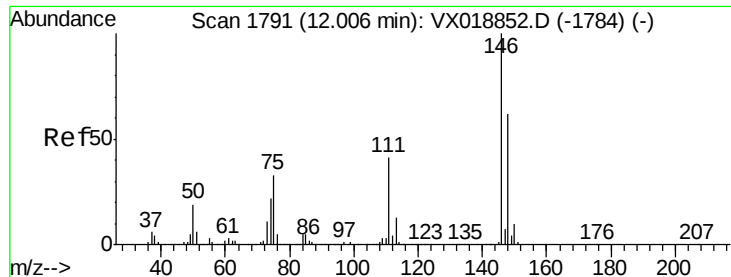


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

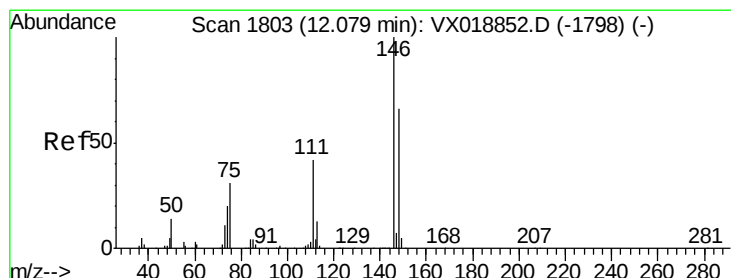
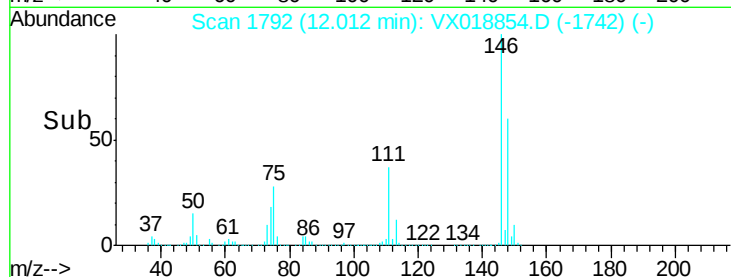
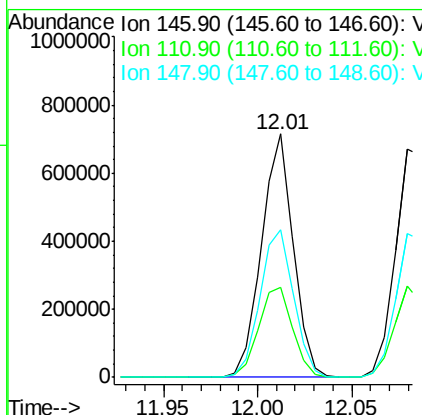
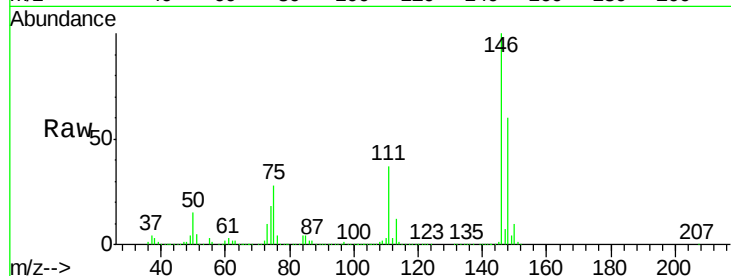




#87
 1,3-Dichlorobenzene
 Concen: 148.252 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

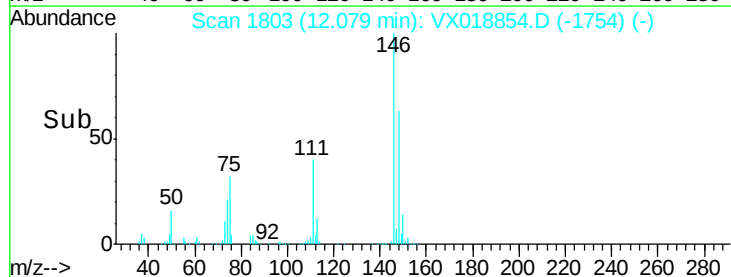
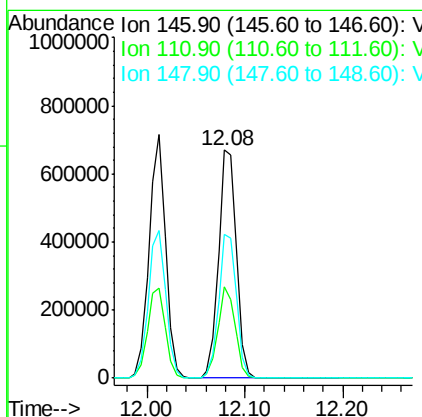
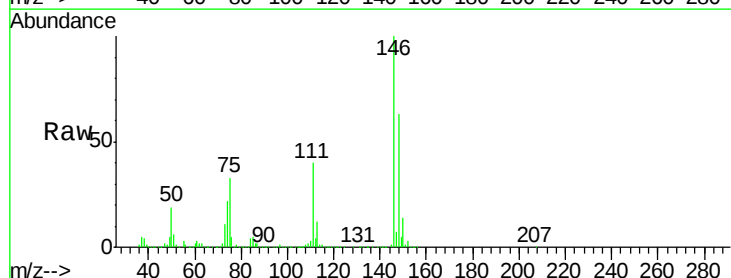
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

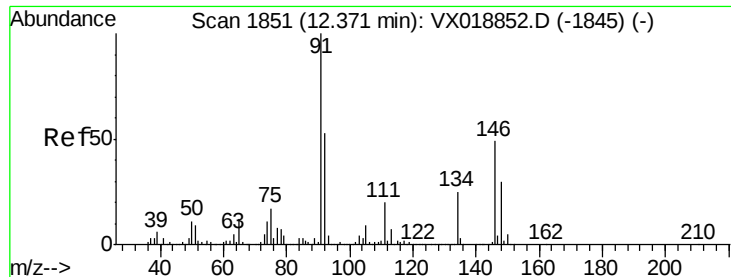
Tgt Ion:146 Resp: 836557
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.0 59.9
 148 63.9 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 148.518 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Tgt Ion:146 Resp: 846175
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.5 61.5
 148 62.7 32.2 96.6





#89

n-Butylbenzene

Concen: 154.160 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

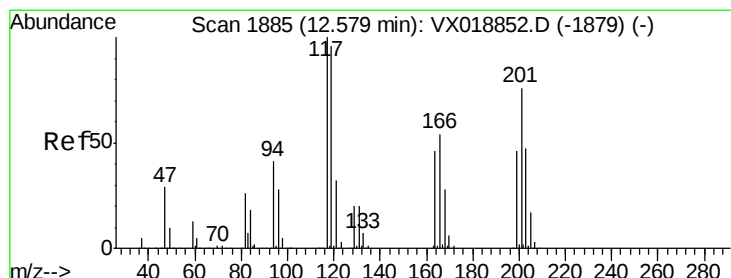
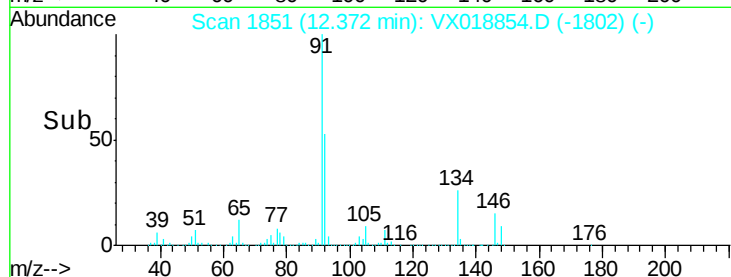
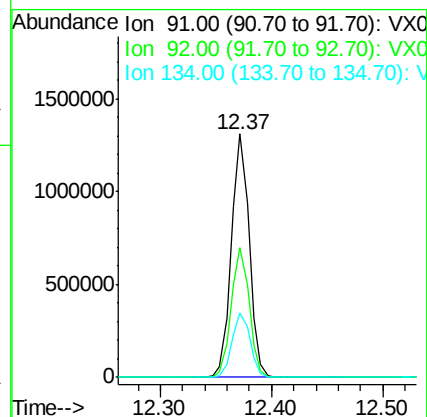
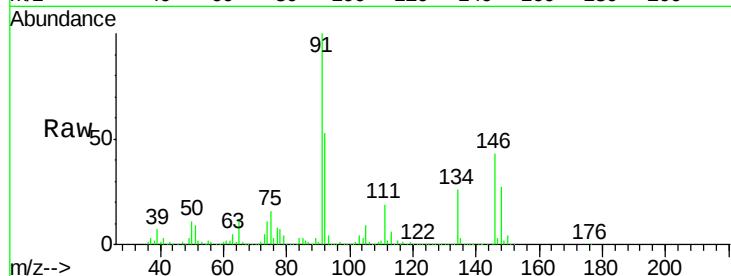
Tgt Ion: 91 Resp: 1450582

Ion Ratio Lower Upper

91 100

92 53.7 26.7 80.0

134 26.9 13.5 40.4



#90

Hexachloroethane

Concen: 145.822 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018854.D

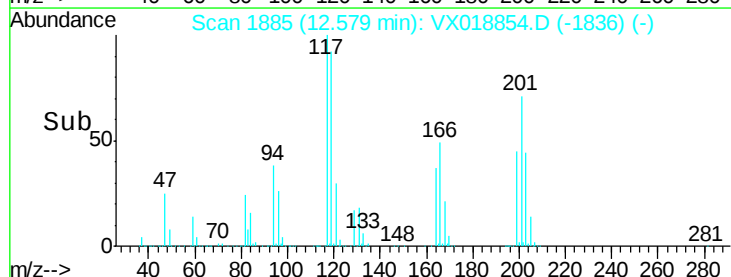
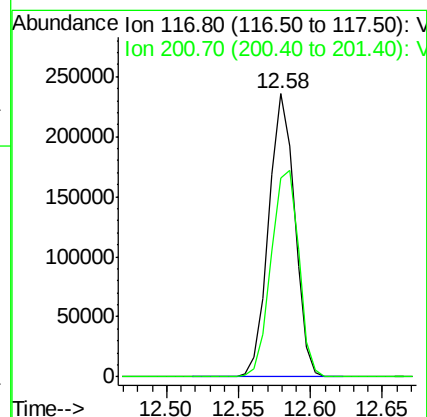
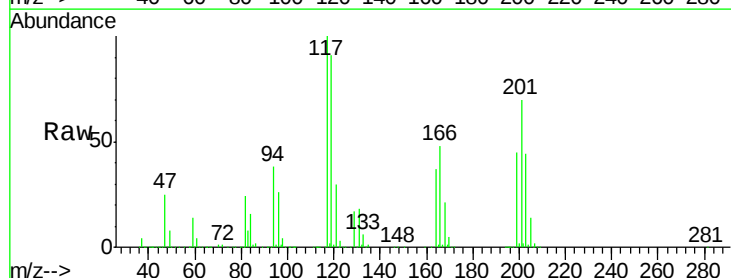
Acq: 09 Oct 2020 13:11

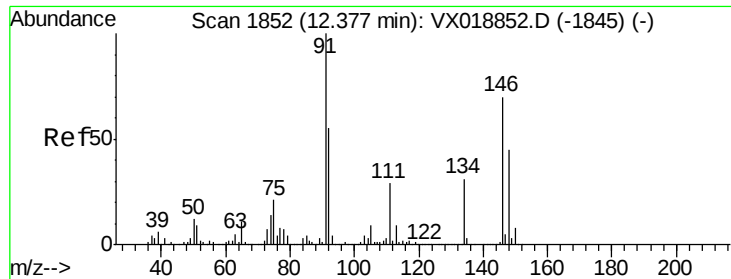
Tgt Ion: 117 Resp: 294047

Ion Ratio Lower Upper

117 100

201 78.3 37.4 112.2

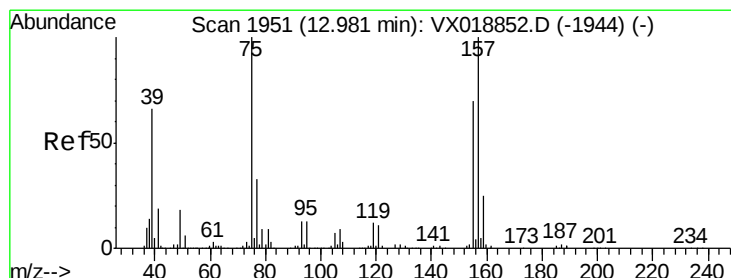
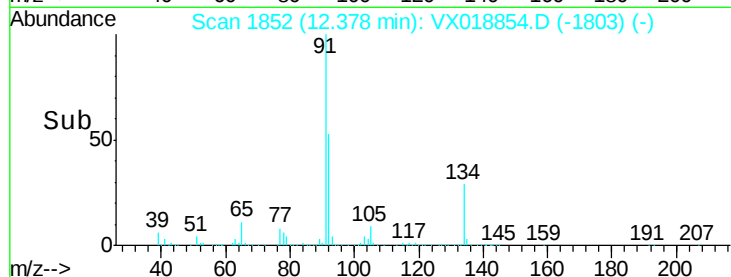
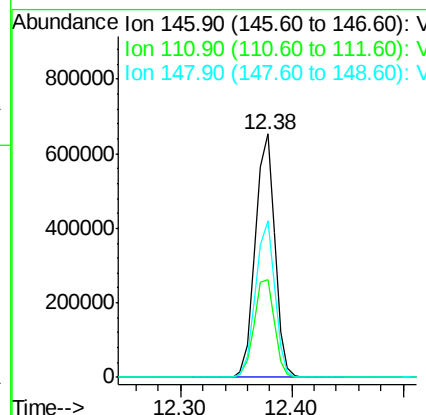
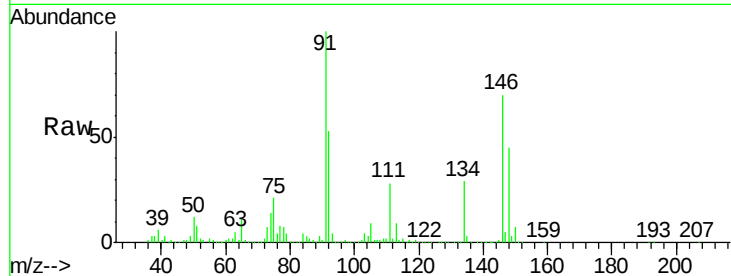




#91
 1,2-Dichlorobenzene
 Concen: 150.554 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

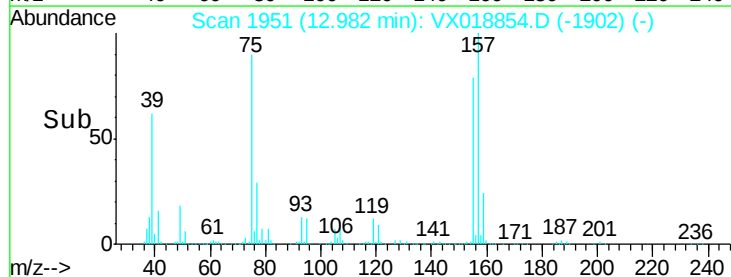
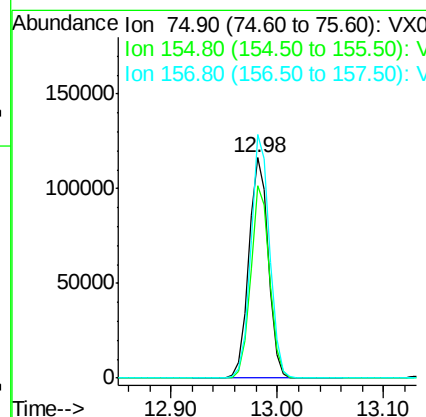
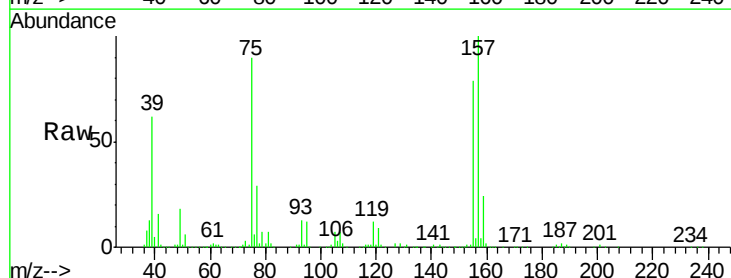
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

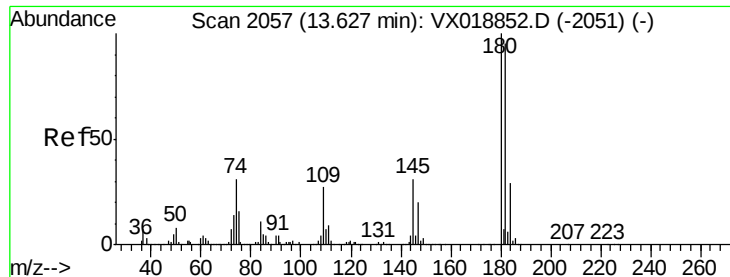
Tgt Ion:146 Resp: 797446
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.6 61.9
 148 63.9 31.1 93.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 163.531 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Tgt Ion: 75 Resp: 149256
 Ion Ratio Lower Upper
 75 100
 155 83.9 38.0 113.9
 157 105.8 50.9 152.7

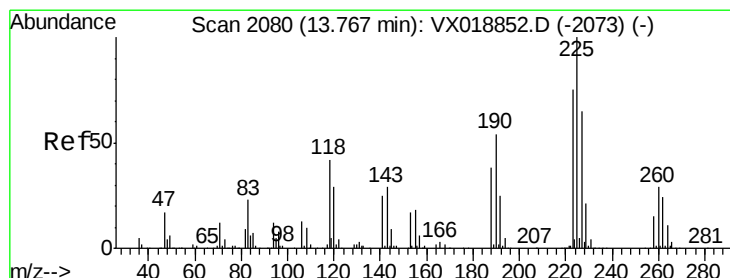
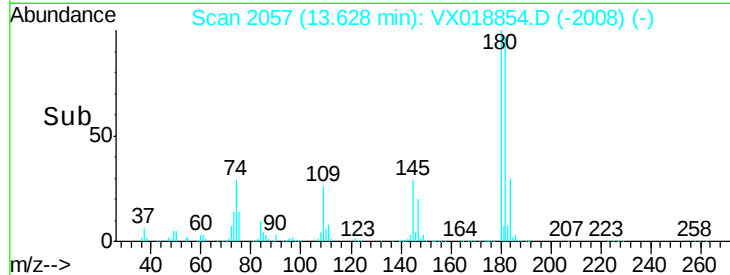
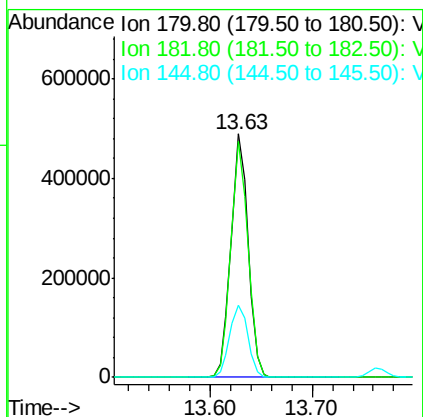
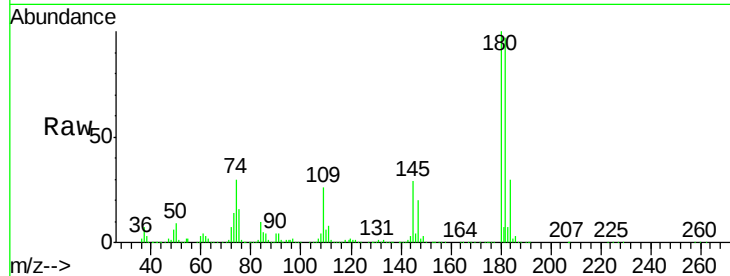




#93
 1,2,4-Trichlorobenzene
 Concen: 155.392 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

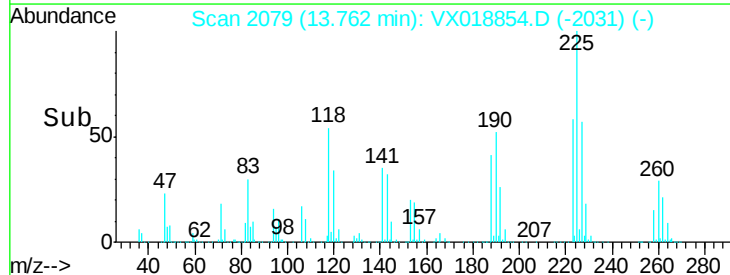
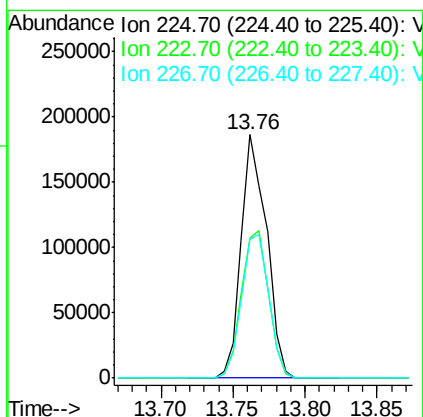
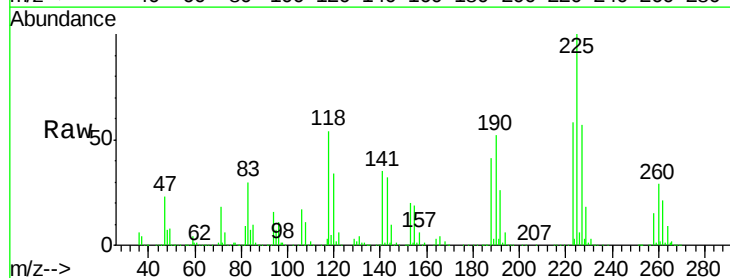
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

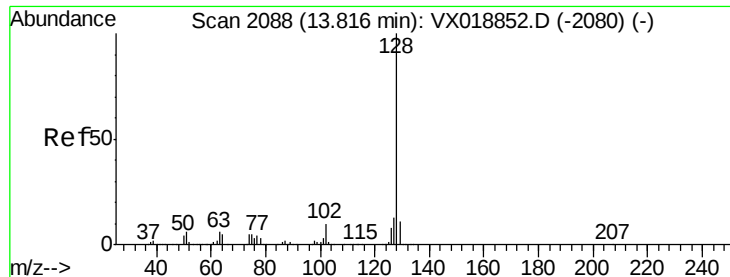
Tgt Ion:180 Resp: 567496
 Ion Ratio Lower Upper
 180 100
 182 97.0 49.1 147.3
 145 31.7 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 148.923 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Tgt Ion:225 Resp: 228551
 Ion Ratio Lower Upper
 225 100
 223 64.9 32.1 96.3
 227 63.4 33.0 98.9

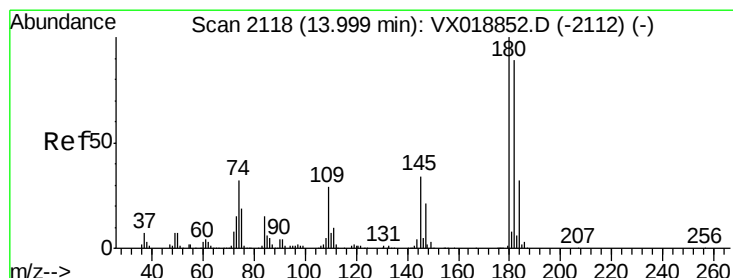
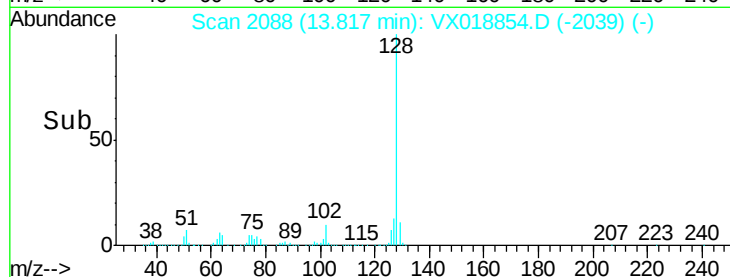
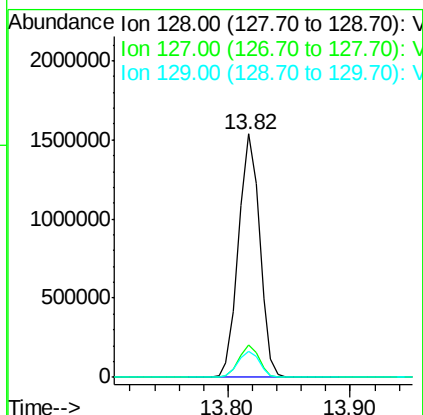
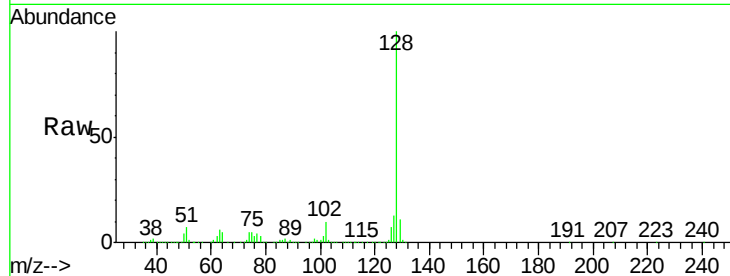




#95
Naphthalene
Concen: 165.814 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1827332
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 157.848 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion:180 Resp: 552251
Ion Ratio Lower Upper
180 100
182 98.2 47.7 143.1
145 34.1 16.7 50.0

