

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030920\
 Data File : VX015152.D
 Acq On : 09 Mar 2020 18:45
 Operator : JC/SP
 Sample : L1842-15MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

Quant Time: Mar 10 11:23:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	326591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	508442	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	473155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	257956	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	190096	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	5.49	113	155440	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	8.71	98	603720	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.13	95	216554	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.19	85	148787	52.03	ug/l	99
3) Chloromethane	1.31	50	199174	49.17	ug/l	98
4) Vinyl Chloride	1.40	62	207589	50.54	ug/l	98
5) Bromomethane	1.64	94	115634	45.79	ug/l	100
6) Chloroethane	1.72	64	123985	50.32	ug/l	98
7) Trichlorofluoromethane	1.92	101	245913	50.31	ug/l	99
8) Diethyl Ether	2.18	74	111574	50.40	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	155166	50.46	ug/l	98
10) Methyl Iodide	2.50	142	160185	46.11	ug/l	98
11) Tert butyl alcohol	3.03	59	177596	264.19	ug/l	99
12) 1,1-Dichloroethene	2.37	96	147677	46.53	ug/l	100
13) Acrolein	2.28	56	162793	257.69	ug/l	100
14) Allyl chloride	2.72	41	281726	50.91	ug/l	99
15) Acrylonitrile	3.13	53	457995	273.57	ug/l	100
16) Acetone	2.44	43	360888	229.99	ug/l	95
17) Carbon Disulfide	2.56	76	428189	48.58	ug/l	100
18) Methyl Acetate	2.76	43	188333	49.09	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	523536	52.79	ug/l	99
20) Methylene Chloride	2.85	84	179974	49.01	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	175134	51.68	ug/l	98
22) Diisopropyl ether	3.84	45	590333	53.54	ug/l	98
23) Vinyl Acetate	3.81	43	2345279	258.78	ug/l	100
24) 1,1-Dichloroethane	3.69	63	316195	51.67	ug/l	100
25) 2-Butanone	4.66	43	620107	269.94	ug/l	99
26) 2,2-Dichloropropane	4.58	77	212934	43.83	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	196406	51.66	ug/l	99
28) Bromochloromethane	5.01	49	149110	53.51	ug/l	97
29) Tetrahydrofuran	5.12	42	410723	277.36	ug/l	98
30) Chloroform	5.20	83	315913	52.97	ug/l	100
31) Cyclohexane	5.58	56	278760	51.07	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	260774	52.75	ug/l	99
36) 1,1-Dichloropropene	5.79	75	232757	49.52	ug/l	99
37) Ethyl Acetate	4.82	43	233174	53.48	ug/l	99
38) Carbon Tetrachloride	5.78	117	226450	51.04	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	279189	50.87	ug/l	98
40) Benzene	6.14	78	710080	50.92	ug/l	98
41) Methacrylonitrile	5.03	41	138150	52.75	ug/l	99
42) 1,2-Dichloroethane	6.19	62	249842	52.17	ug/l	100
43) Isopropyl Acetate	6.44	43	389320	50.76	ug/l	99
44) Trichloroethene	7.21	130	217203	55.93	ug/l	100
45) 1,2-Dichloropropane	7.51	63	185594	51.42	ug/l	95
46) Dibromomethane	7.65	93	120894	51.40	ug/l	100
47) Bromodichloromethane	7.89	83	242453	52.13	ug/l	95
48) Methyl methacrylate	7.76	41	205221	52.57	ug/l	99
49) 1,4-Dioxane	7.73	88	87847	1040.77	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1260993	278.05	ug/l	100
52) Toluene	8.78	92	451068	52.90	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	260252	52.57	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	284074	50.76	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	183551	52.30	ug/l	100
56) Ethyl methacrylate	9.17	69	275396	55.01	ug/l	100
57) 1,3-Dichloropropane	9.37	76	311747	52.80	ug/l	100
59) 2-Hexanone	9.48	43	951588	283.10	ug/l	100
60) Dibromochloromethane	9.57	129	197745	53.64	ug/l	100
61) 1,2-Dibromoethane	9.67	107	191339	51.91	ug/l	99
64) Tetrachloroethene	9.33	164	193366	49.43	ug/l	98
65) Chlorobenzene	10.14	112	487073	51.27	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	182395	50.92	ug/l	99
67) Ethyl Benzene	10.25	91	856932	53.12	ug/l	99
68) m/p-Xylenes	10.36	106	653680	106.51	ug/l	100
69) o-Xylene	10.70	106	311320	52.98	ug/l	99
70) Styrene	10.71	104	543574	53.95	ug/l	99
71) Bromoform	10.85	173	147337	53.04	ug/l	98
73) Isopropylbenzene	11.01	105	840209	50.99	ug/l	100
74) N-amyl acetate	10.89	43	338686	48.77	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	271731	49.48	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	309004	60.05	ug/l	77
77) Bromobenzene	11.25	156	220430	48.00	ug/l	99
78) n-propylbenzene	11.35	91	972184	51.64	ug/l	99
79) 2-Chlorotoluene	11.42	91	564450	50.21	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	707311	51.56	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	85104	46.94	ug/l	97
82) 4-Chlorotoluene	11.51	91	666056	50.14	ug/l	100
83) tert-Butylbenzene	11.76	119	686447	51.75	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	721960	52.39	ug/l	100
85) sec-Butylbenzene	11.94	105	819354	51.17	ug/l	99
86) p-Isopropyltoluene	12.06	119	766411	51.95	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	396951	49.17	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	399191	47.89	ug/l	99
89) n-Butylbenzene	12.39	91	668625	50.96	ug/l	99
90) Hexachloroethane	12.59	117	133728	47.95	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	391077	48.72	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	56779	51.63	ug/l	95
93) 1,2,4-Trichlorobenzene	13.64	180	279289	50.13	ug/l	100

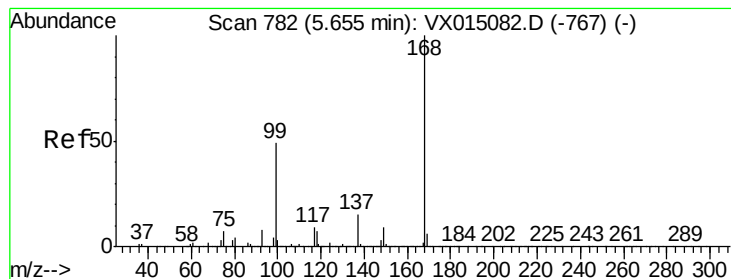
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX030920\
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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	128468	44.94	ug/l	98
95) Naphthalene	13.83	128	825477	48.39	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	282336	50.79	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

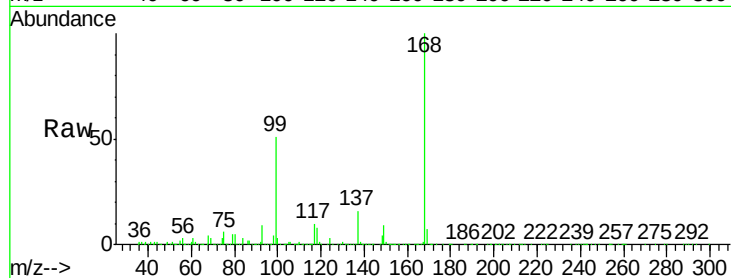
RE132D2-20200305MS

Tgt Ion:168 Resp: 326591

Ion Ratio Lower Upper

168 100

99 50.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

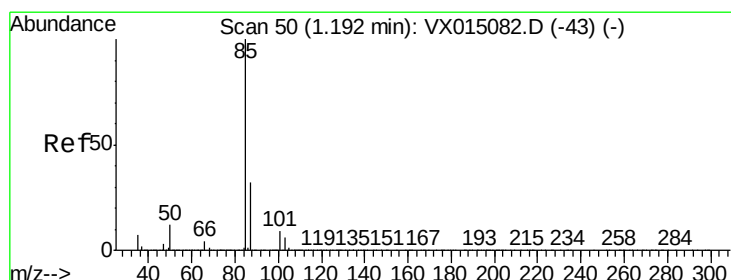
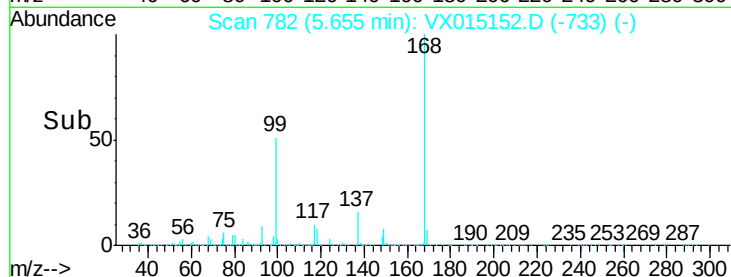
5.65

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 52.03 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015152.D

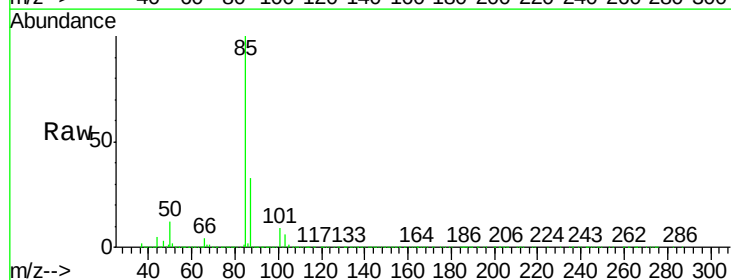
Acq: 09 Mar 2020 18:45

Tgt Ion: 85 Resp: 148787

Ion Ratio Lower Upper

85 100

87 32.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

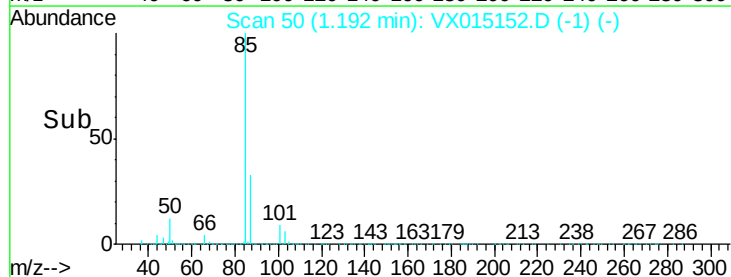
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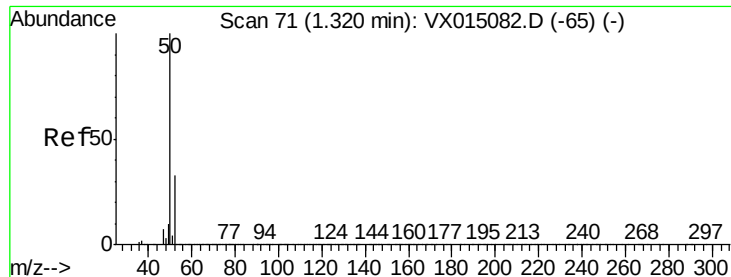
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 49.17 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

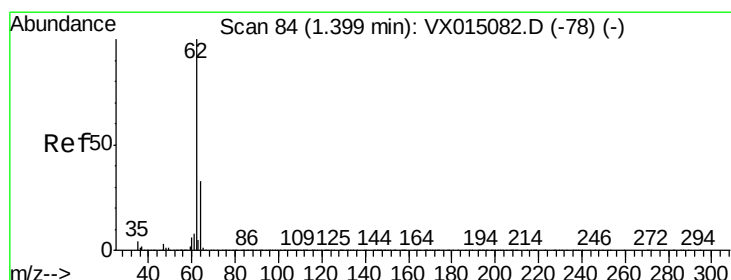
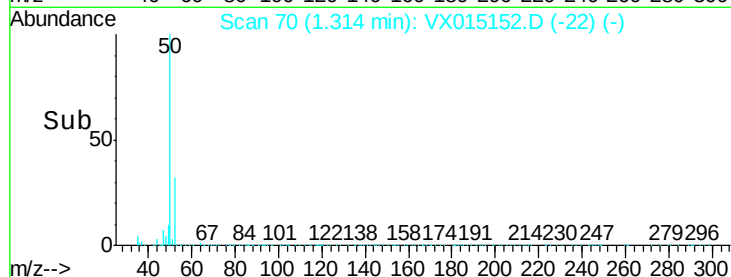
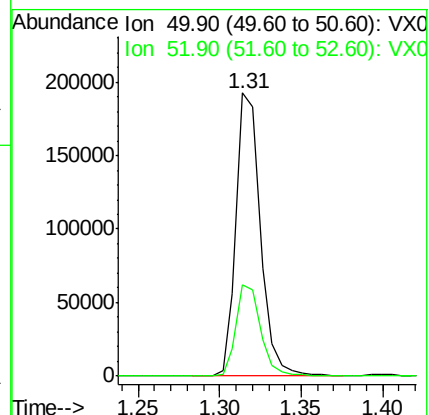
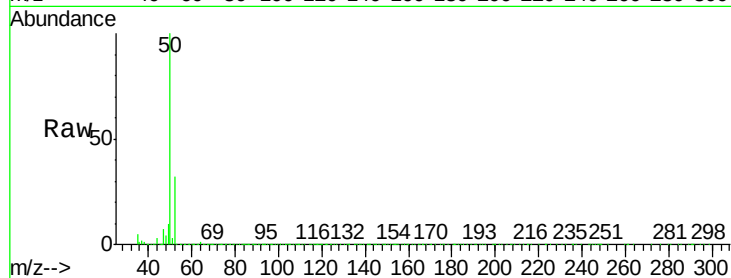
RE132D2-20200305MS

Tgt Ion: 50 Resp: 199174

Ion Ratio Lower Upper

50 100

52 31.9 26.2 39.2



#4

Vinyl Chloride

Concen: 50.54 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015152.D

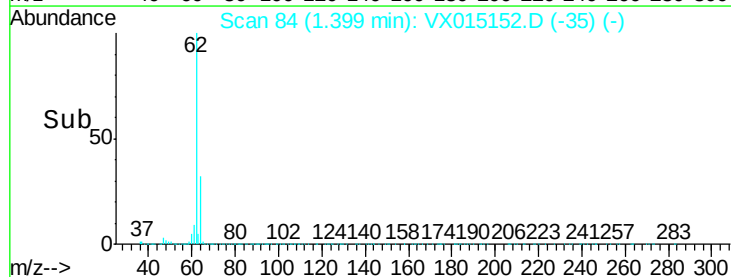
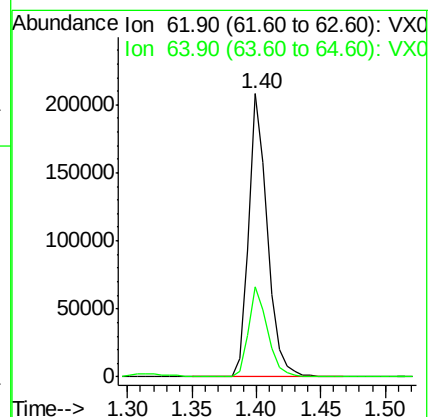
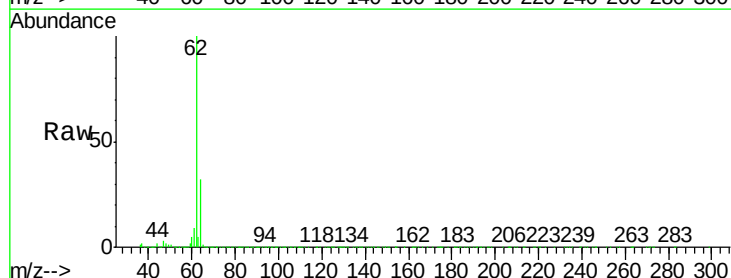
Acq: 09 Mar 2020 18:45

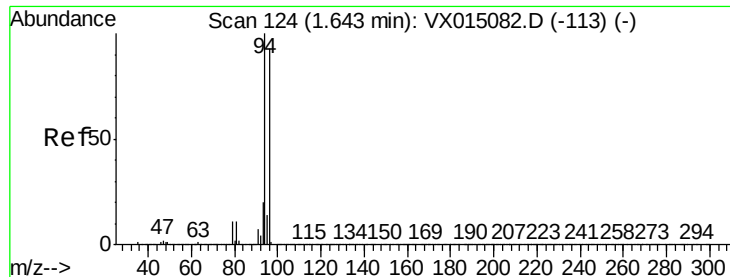
Tgt Ion: 62 Resp: 207589

Ion Ratio Lower Upper

62 100

64 31.6 26.1 39.1





#5

Bromomethane

Concen: 45.79 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

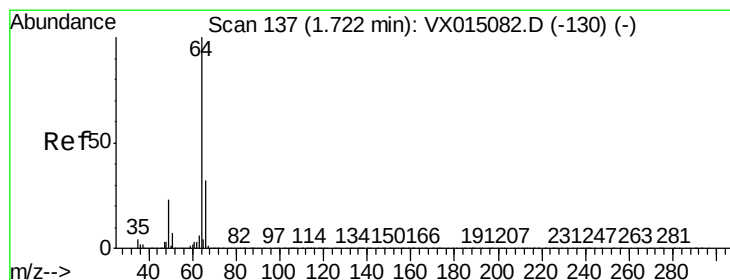
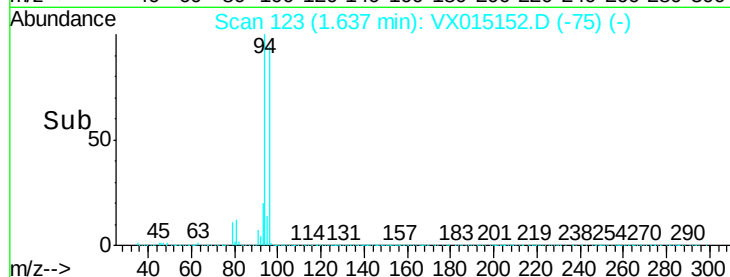
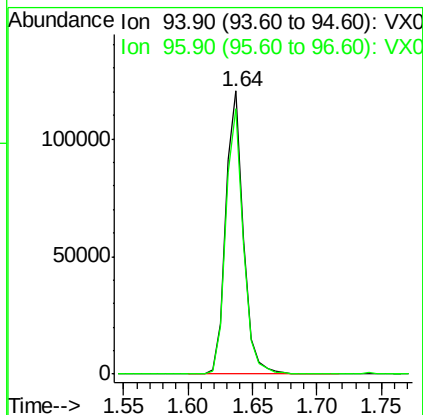
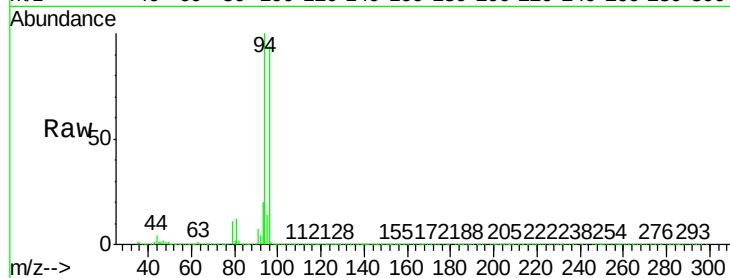
RE132D2-20200305MS

Tgt Ion: 94 Resp: 115634

Ion Ratio Lower Upper

94 100

96 93.6 74.6 111.8



#6

Chloroethane

Concen: 50.32 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015152.D

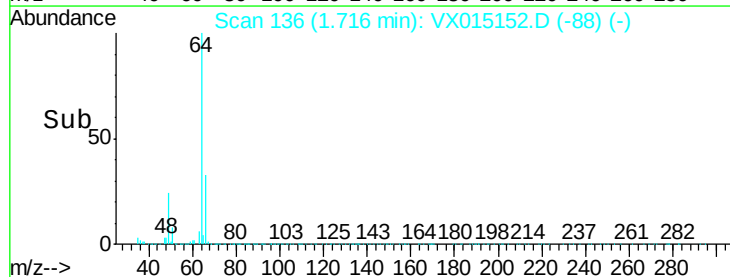
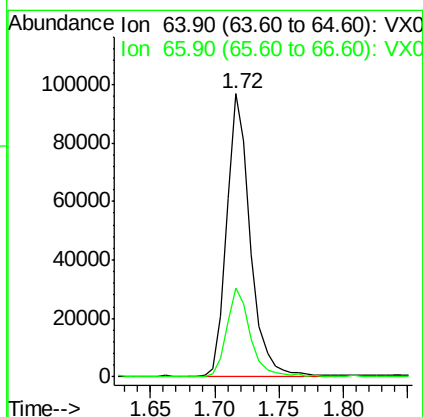
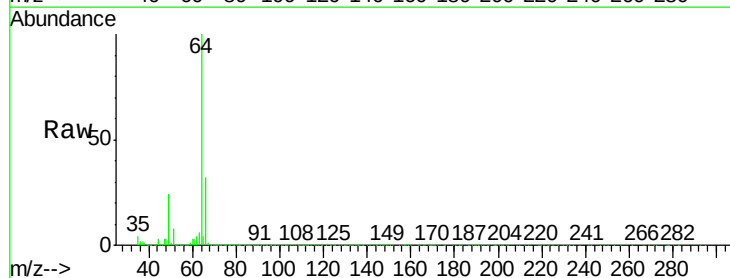
Acq: 09 Mar 2020 18:45

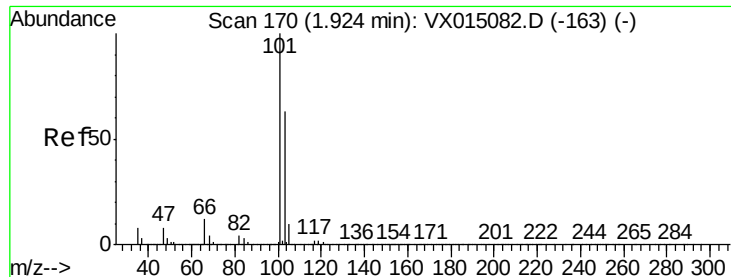
Tgt Ion: 64 Resp: 123985

Ion Ratio Lower Upper

64 100

66 31.3 25.8 38.8





#7

Trichlorofluoromethane

Concen: 50.31 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

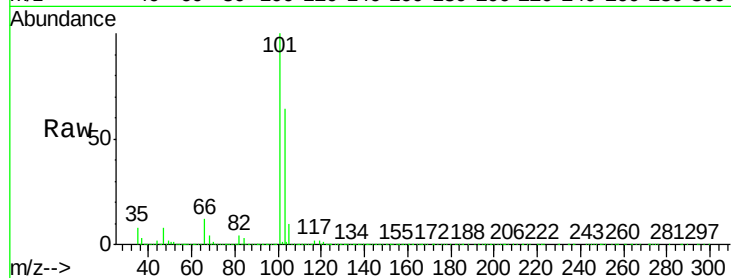
RE132D2-20200305MS

Tgt Ion:101 Resp: 245913

Ion Ratio Lower Upper

101 100

103 63.6 50.4 75.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.92

200000

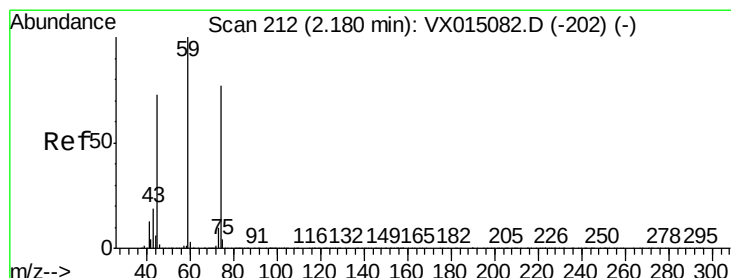
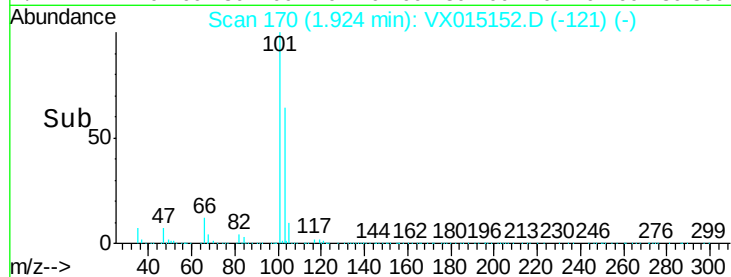
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 50.40 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX015152.D

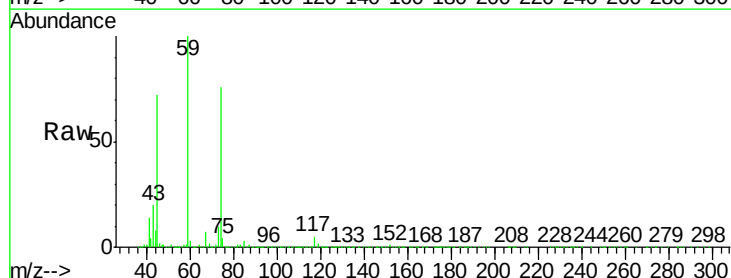
Acq: 09 Mar 2020 18:45

Tgt Ion: 74 Resp: 111574

Ion Ratio Lower Upper

74 100

45 98.3 49.2 147.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.18

80000

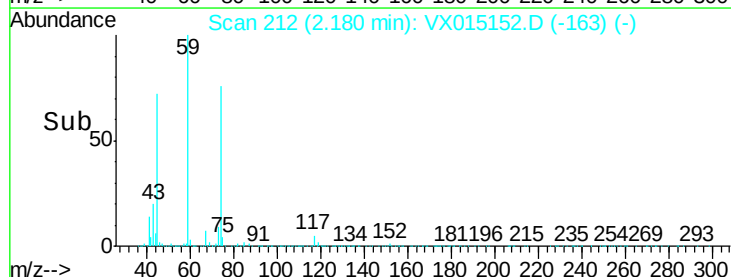
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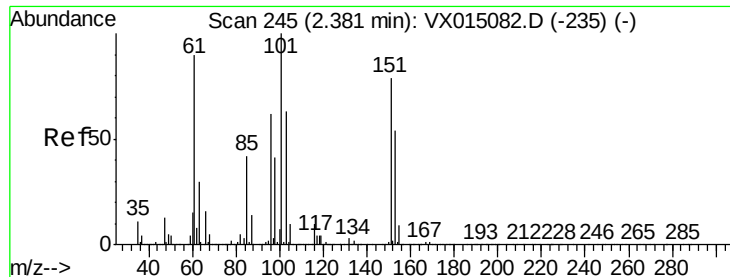
40000

20000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.46 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

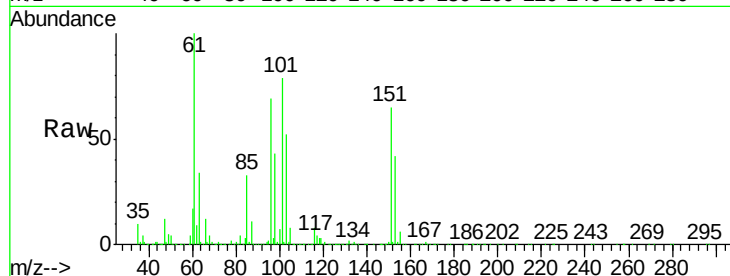
Tgt Ion:101 Resp: 155166

Ion Ratio Lower Upper

101 100

85 41.5 33.7 50.5

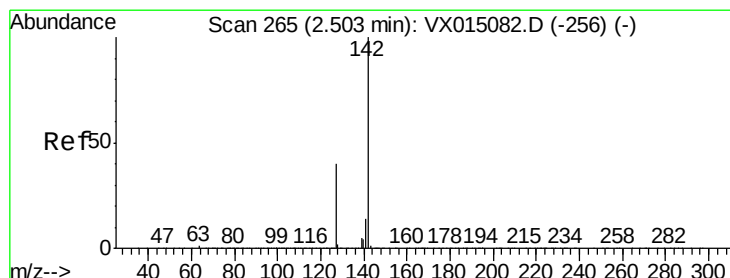
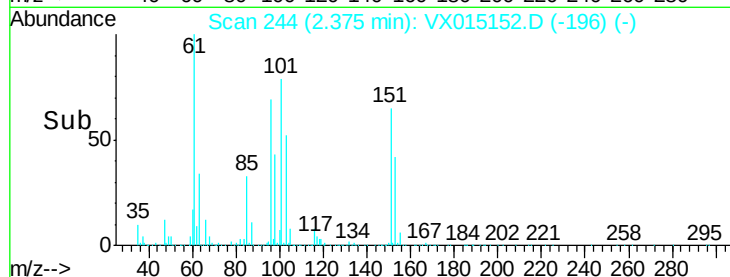
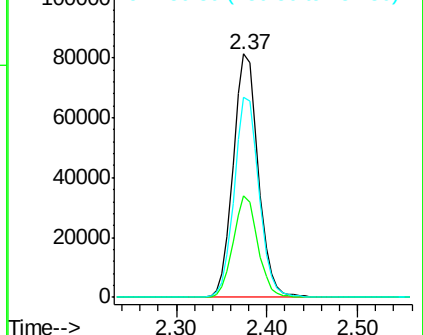
151 82.2 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.11 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

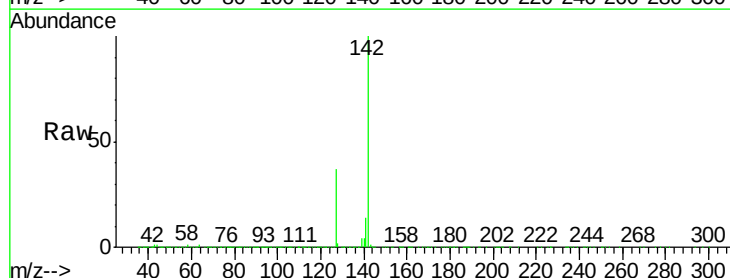
Tgt Ion:142 Resp: 160185

Ion Ratio Lower Upper

142 100

127 38.0 31.7 47.5

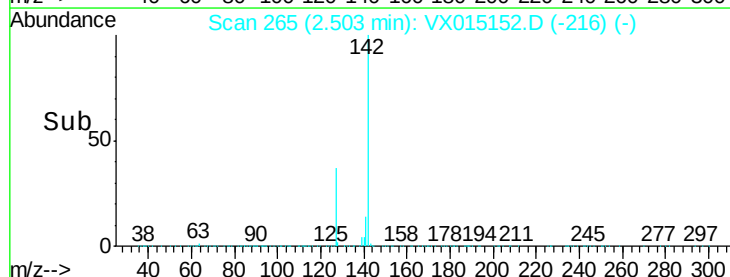
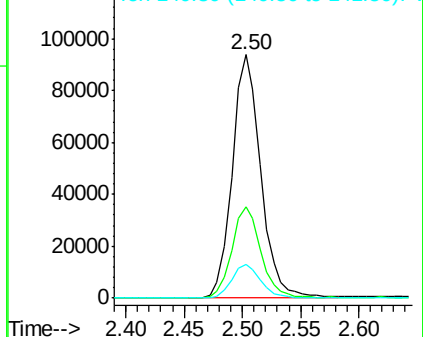
141 14.3 11.3 16.9

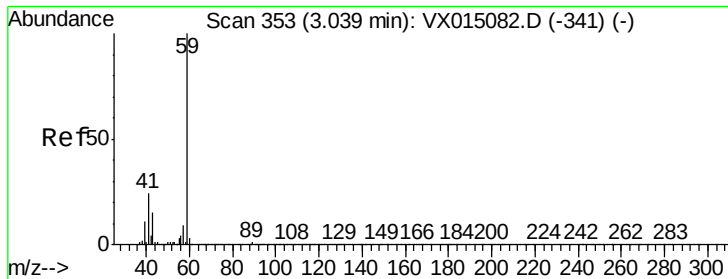


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

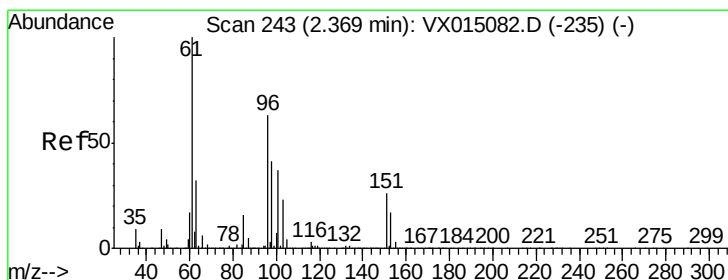
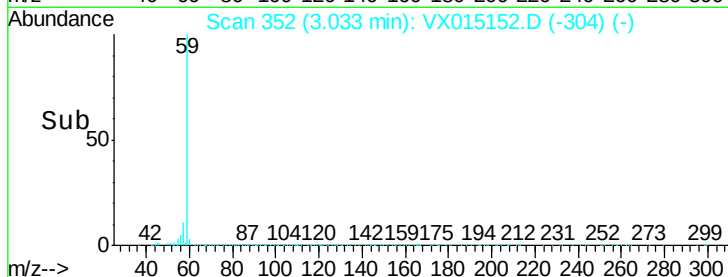
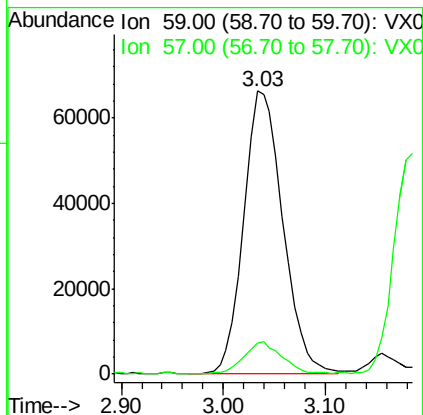
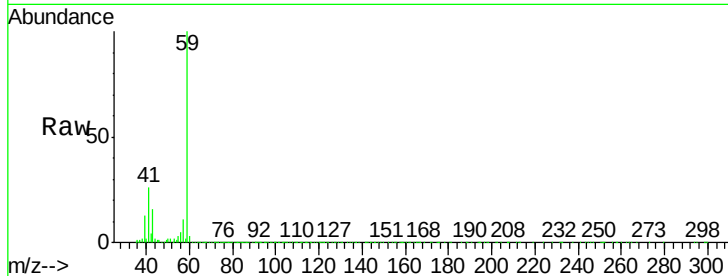




#11
Tert butyl alcohol
Concen: 264.19 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

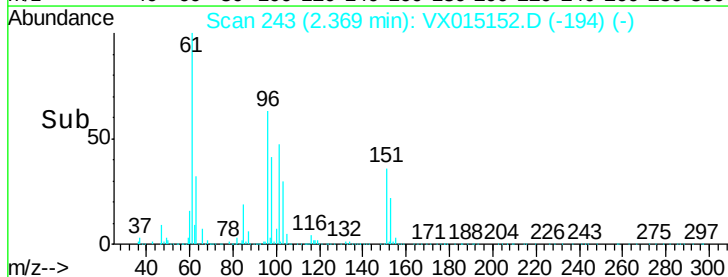
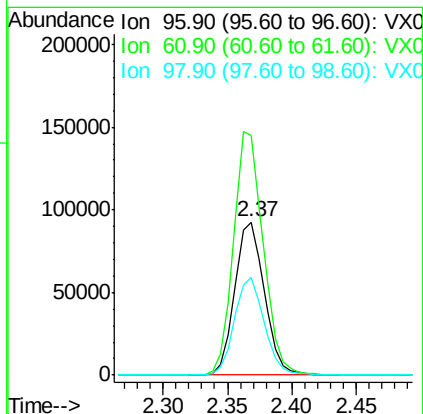
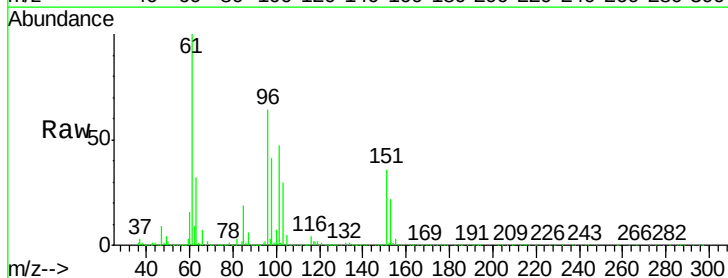
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

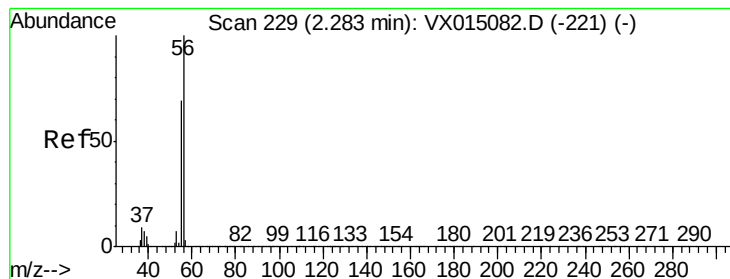
Tgt Ion: 59 Resp: 177596
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.53 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion: 96 Resp: 147677
Ion Ratio Lower Upper
96 100
61 157.3 126.2 189.4
98 63.9 51.4 77.0





#13

Acrolein

Concen: 257.69 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

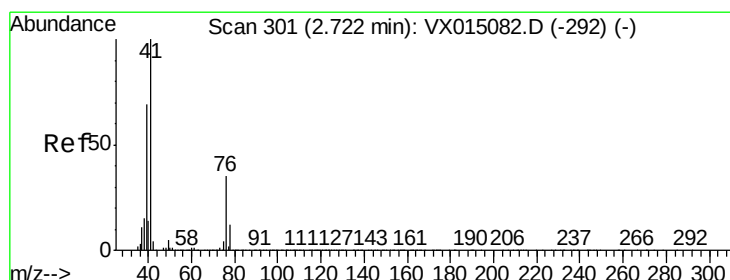
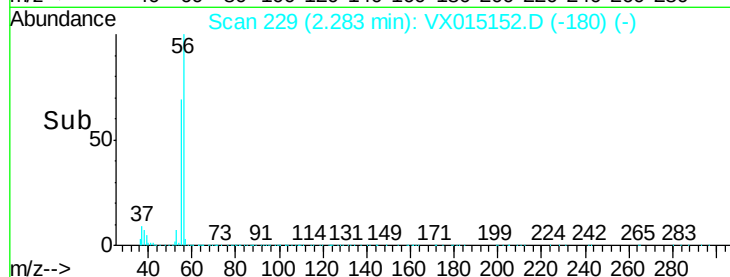
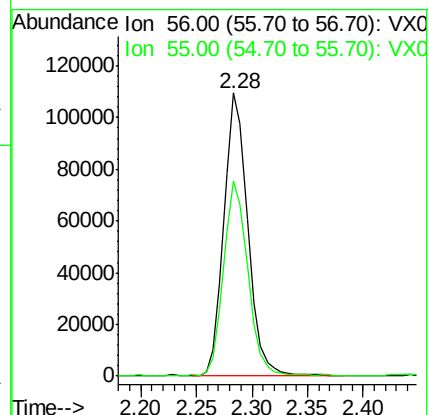
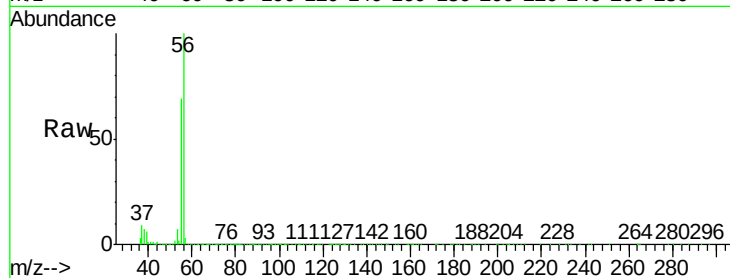
RE132D2-20200305MS

Tgt Ion: 56 Resp: 162793

Ion Ratio Lower Upper

56 100

55 69.6 55.4 83.0



#14

Allyl chloride

Concen: 50.91 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

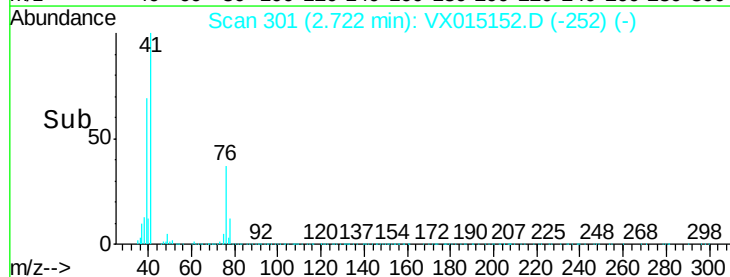
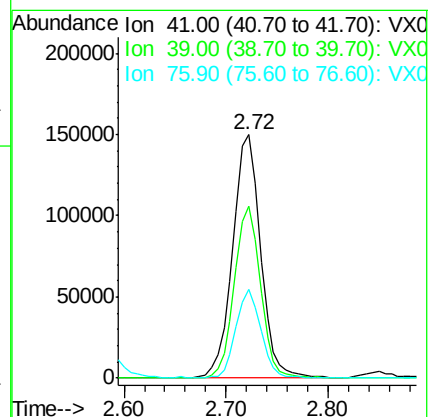
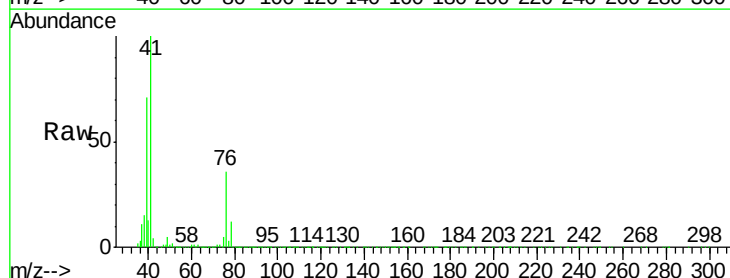
Tgt Ion: 41 Resp: 281726

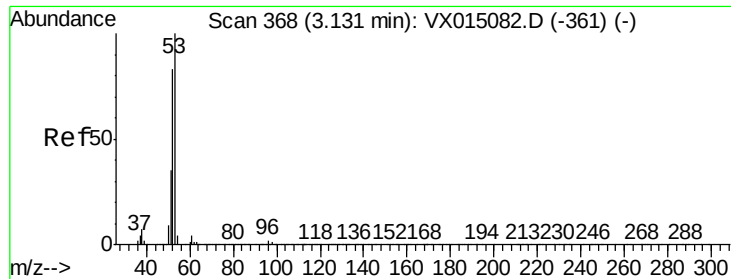
Ion Ratio Lower Upper

41 100

39 65.9 52.9 79.3

76 32.5 26.8 40.2

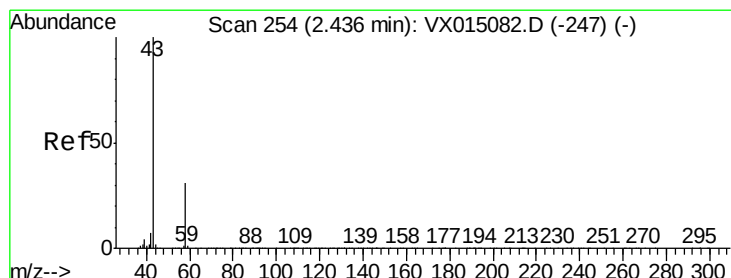
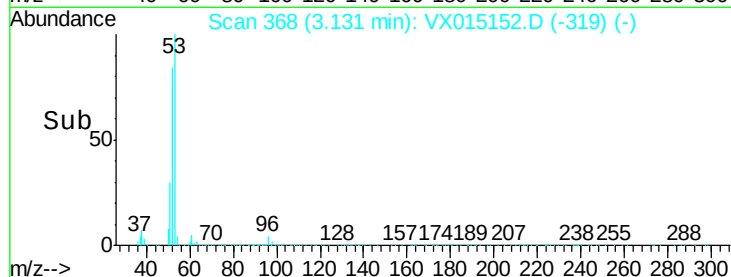
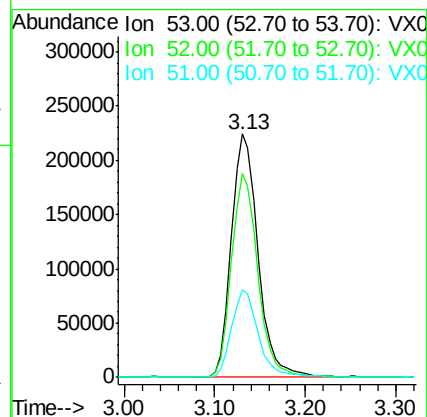
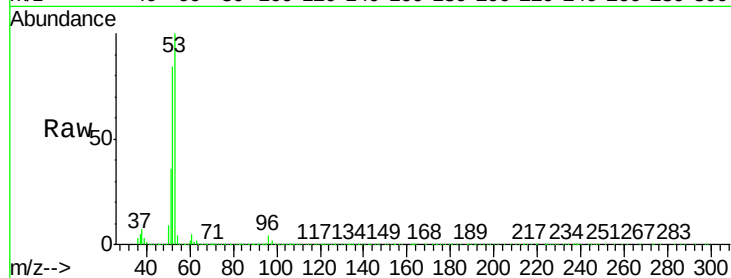




#15
 Acrylonitrile
 Concen: 273.57 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

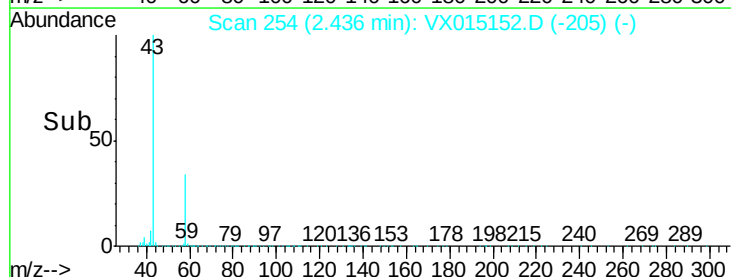
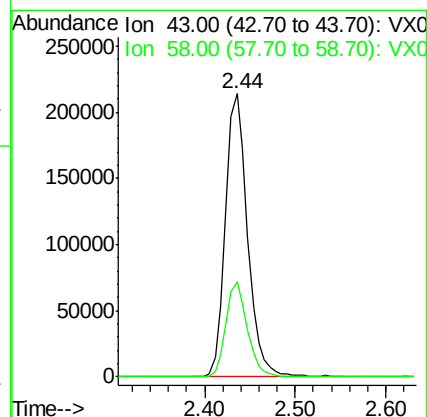
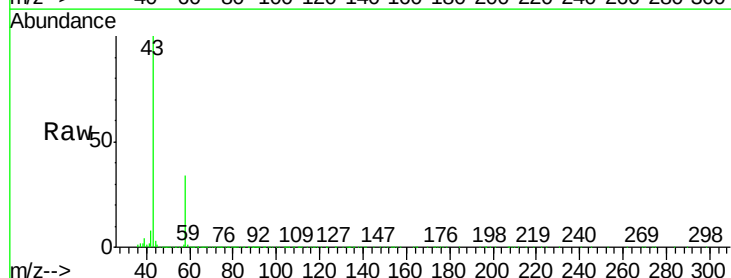
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

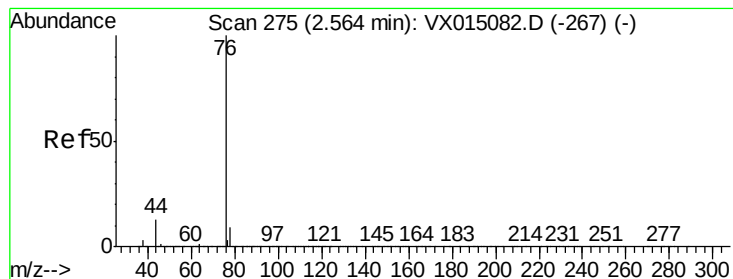
Tgt Ion: 53 Resp: 457995
 Ion Ratio Lower Upper
 53 100
 52 83.1 66.6 100.0
 51 36.2 29.0 43.6



#16
 Acetone
 Concen: 229.99 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Tgt Ion: 43 Resp: 360888
 Ion Ratio Lower Upper
 43 100
 58 33.7 24.8 37.2





#17

Carbon Disulfide

Concen: 48.58 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

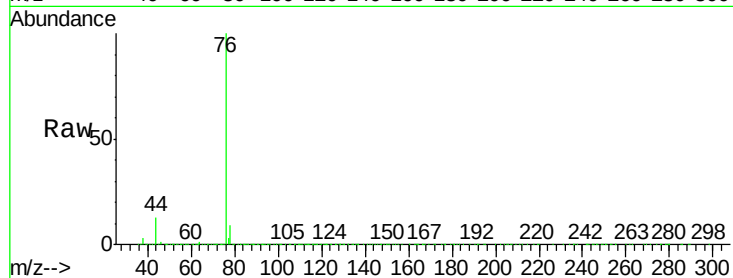
RE132D2-20200305MS

Tgt Ion: 76 Resp: 428189

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

250000

200000

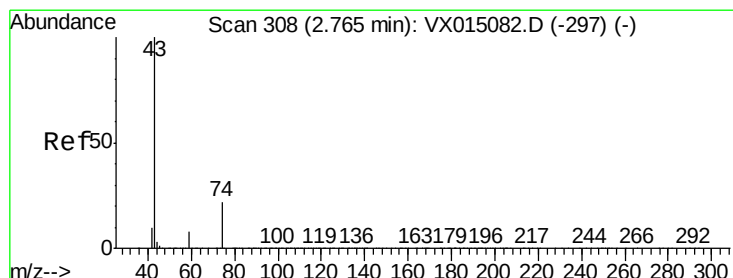
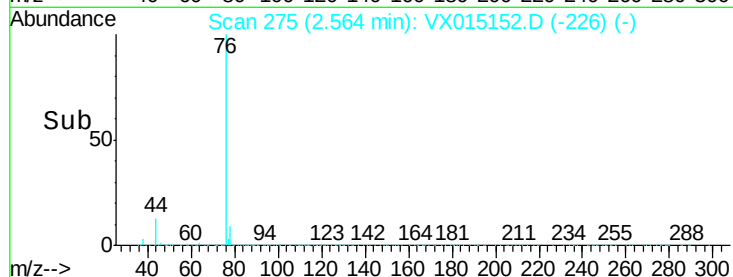
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 49.09 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015152.D

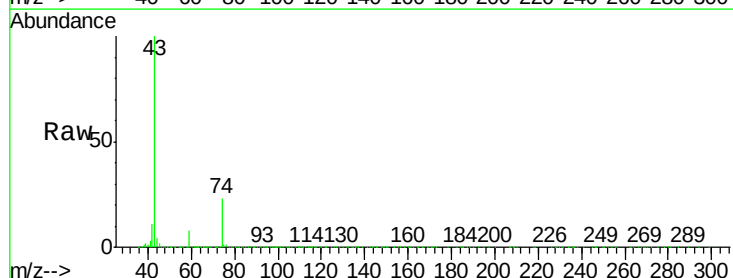
Acq: 09 Mar 2020 18:45

Tgt Ion: 43 Resp: 188333

Ion Ratio Lower Upper

43 100

74 23.1 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

120000

100000

80000

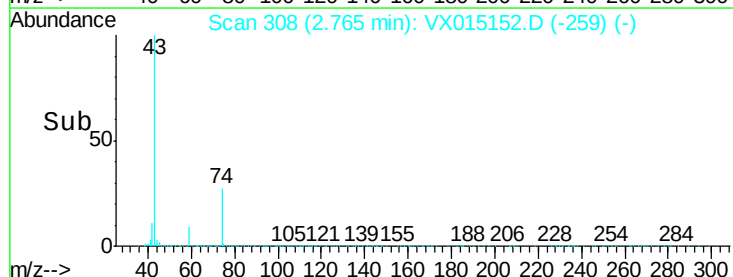
60000

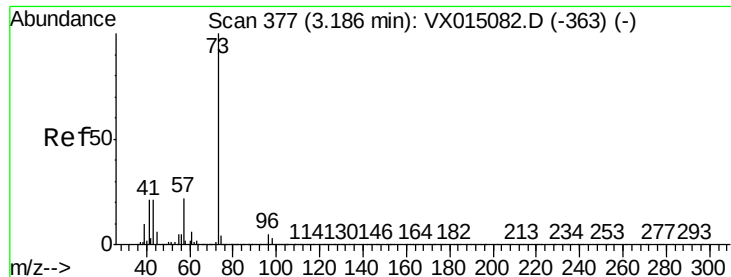
40000

20000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 52.79 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

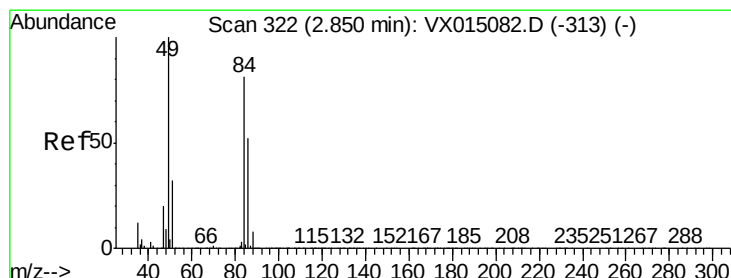
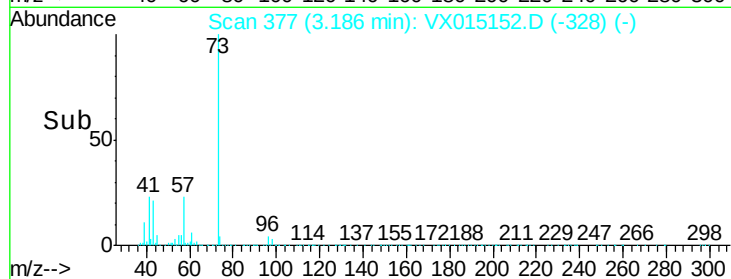
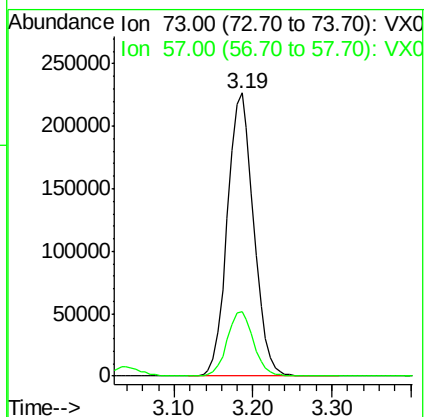
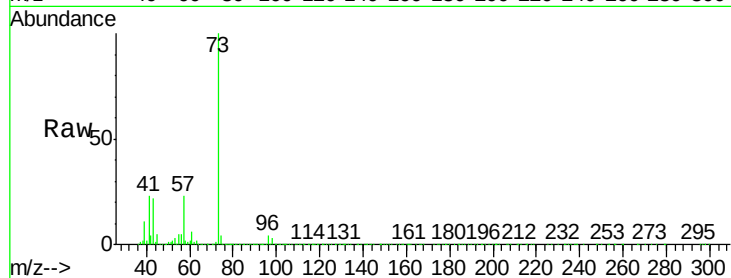
RE132D2-20200305MS

Tgt Ion: 73 Resp: 523536

Ion Ratio Lower Upper

73 100

57 22.7 17.8 26.6



#20

Methylene Chloride

Concen: 49.01 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Tgt Ion: 84 Resp: 179974

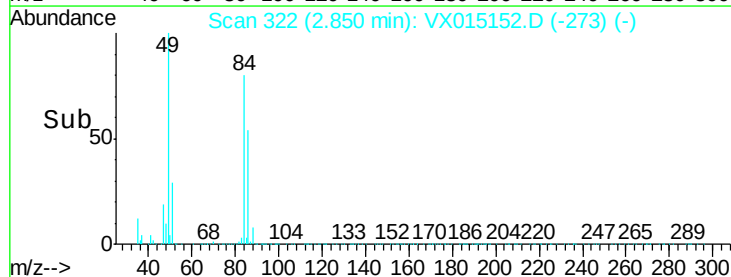
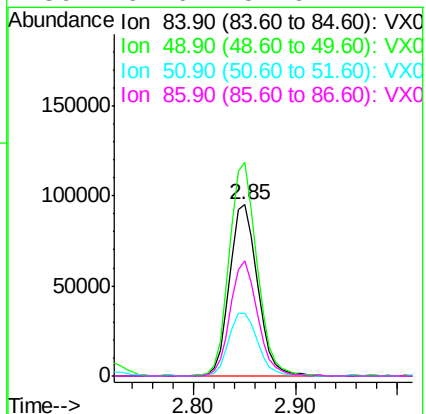
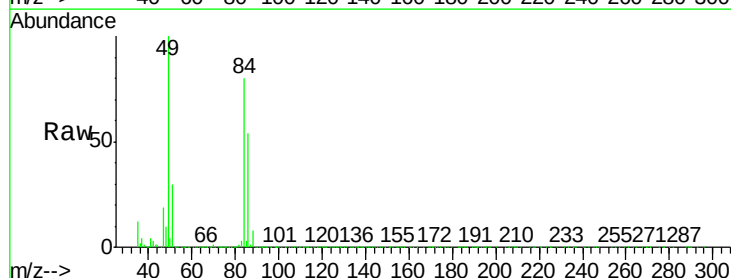
Ion Ratio Lower Upper

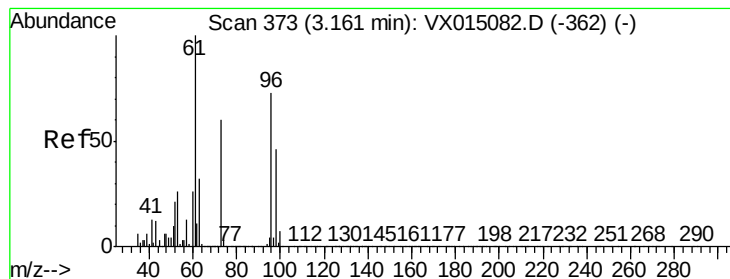
84 100

49 124.9 99.4 149.2

51 36.9 31.5 47.3

86 67.6 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 51.68 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

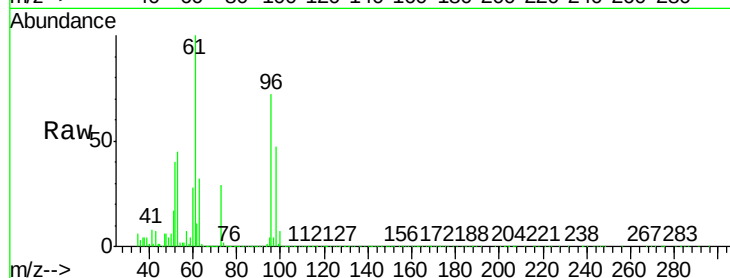
Tgt Ion: 96 Resp: 175134

Ion Ratio Lower Upper

96 100

61 139.5 109.9 164.9

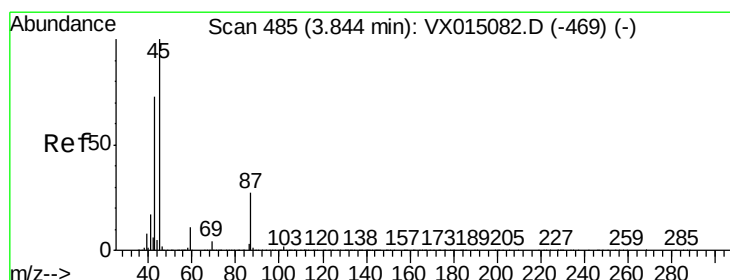
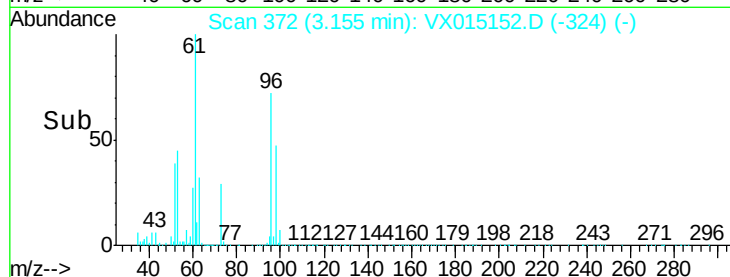
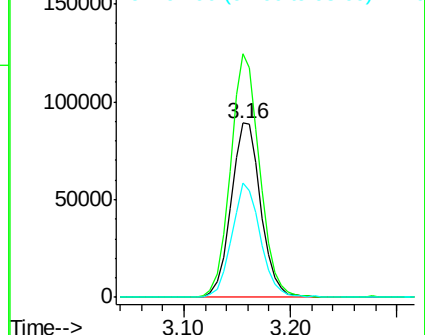
98 65.3 50.2 75.2



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: 53.54 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Tgt Ion: 45 Resp: 590333

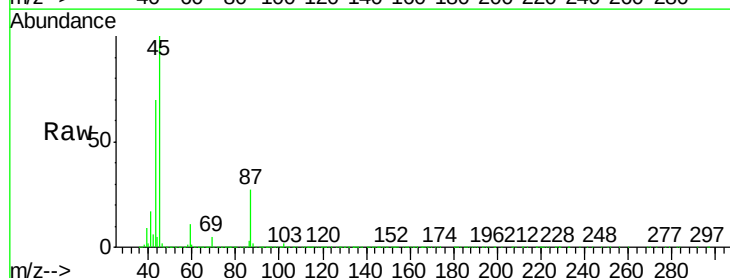
Ion Ratio Lower Upper

45 100

43 70.3 58.2 87.2

87 26.7 21.2 31.8

59 11.1 8.9 13.3

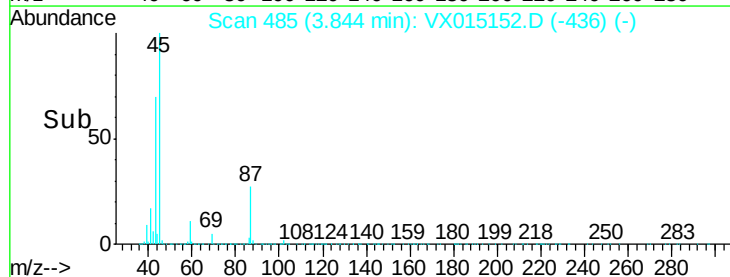
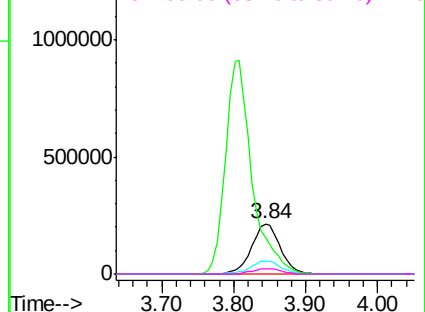


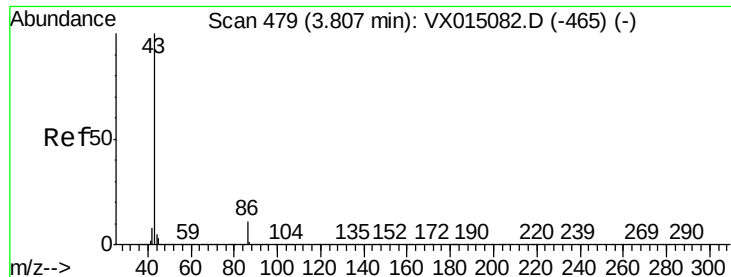
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 258.78 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

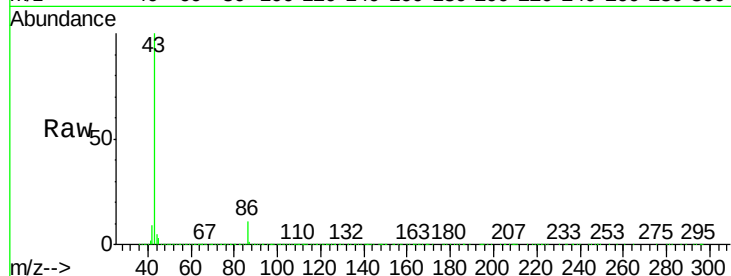
RE132D2-20200305MS

Tgt Ion: 43 Resp: 2345279

Ion Ratio Lower Upper

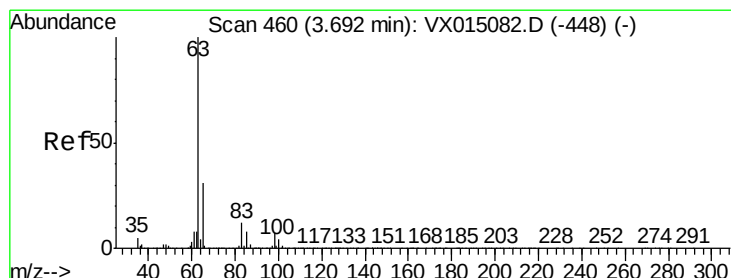
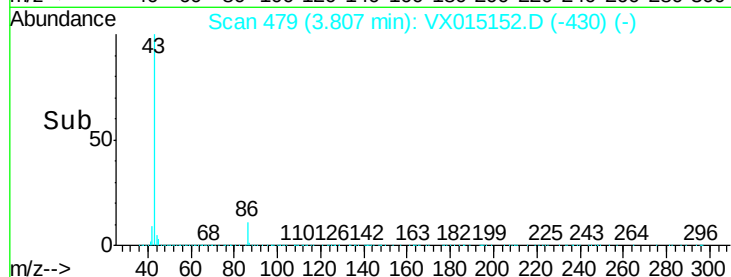
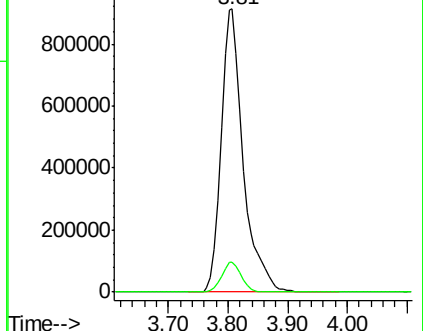
43 100

86 10.8 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.67 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

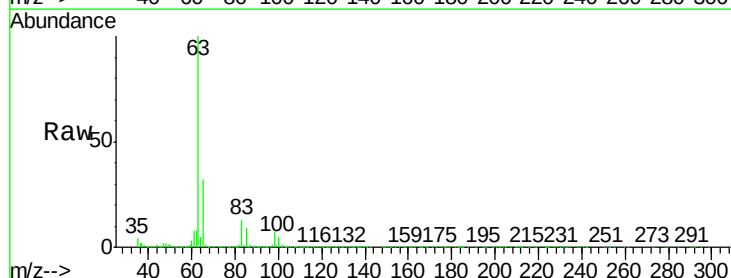
Tgt Ion: 63 Resp: 316195

Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

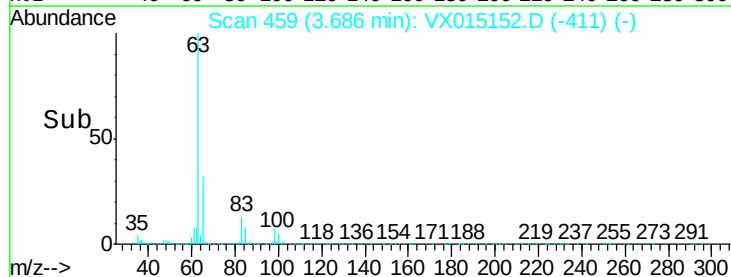
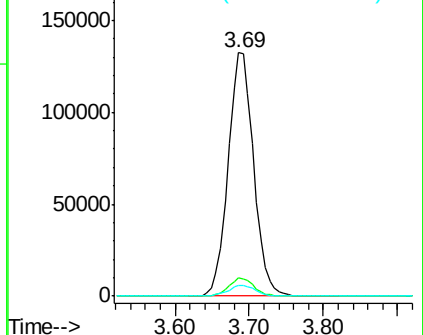
100 4.5 2.1 6.5

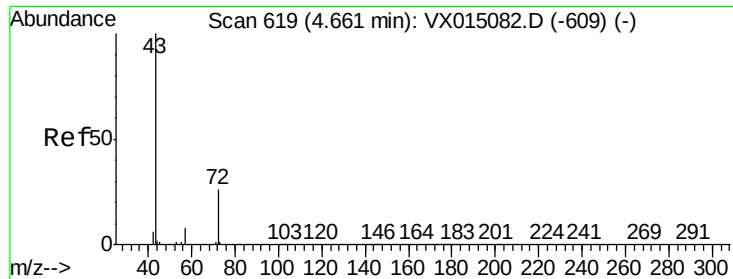


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

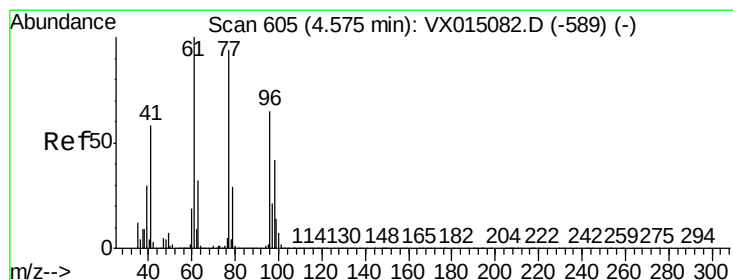
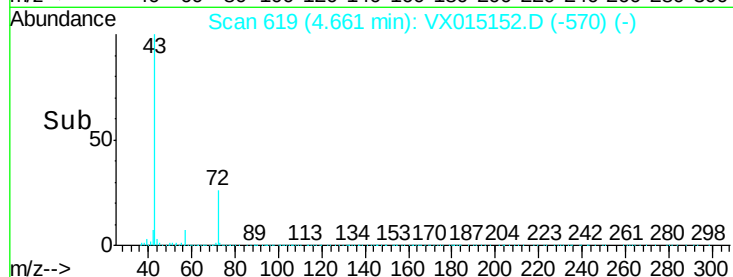
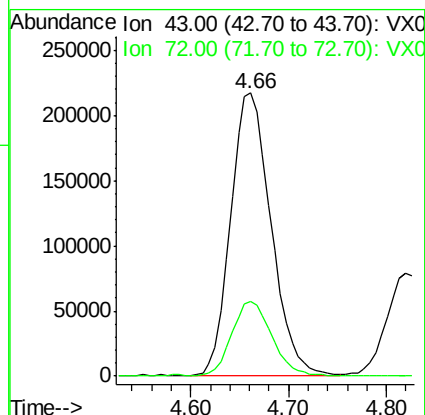
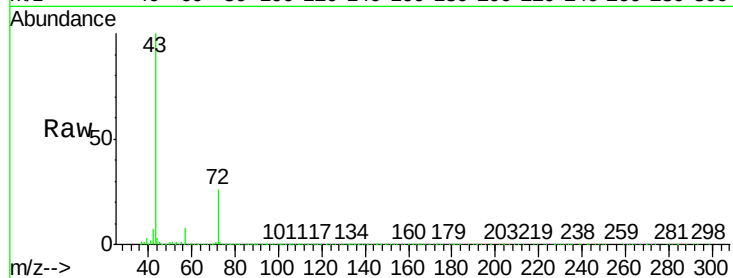




#25
2-Butanone
Concen: 269.94 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

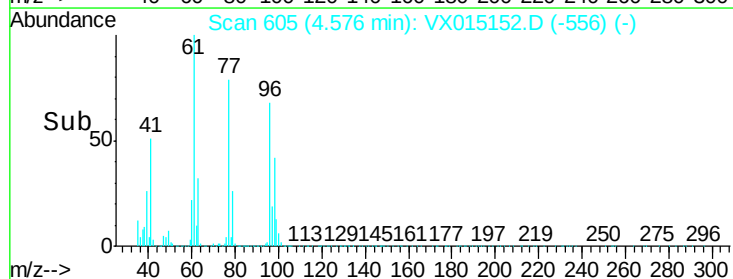
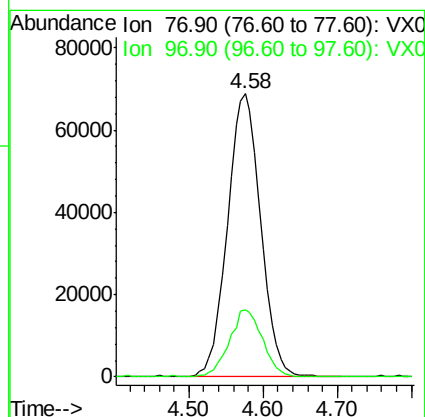
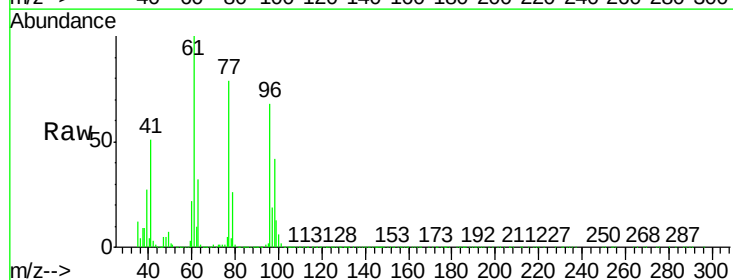
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

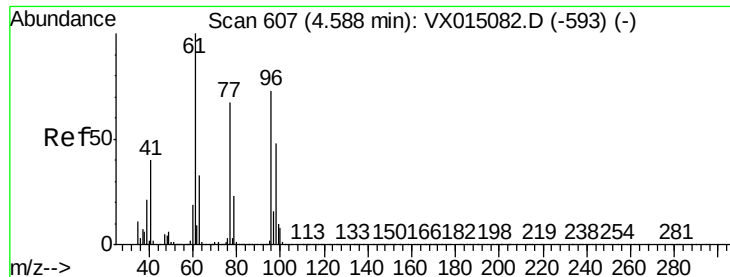
Tgt Ion: 43 Resp: 620107
Ion Ratio Lower Upper
43 100
72 26.2 20.6 30.8



#26
2,2-Dichloropropane
Concen: 43.83 ug/l
RT: 4.58 min Scan# 605
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion: 77 Resp: 212934
Ion Ratio Lower Upper
77 100
97 24.0 11.8 35.4



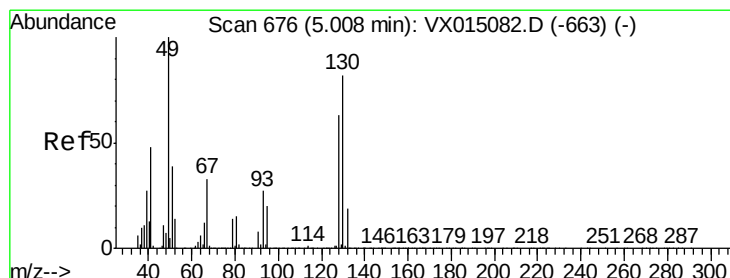
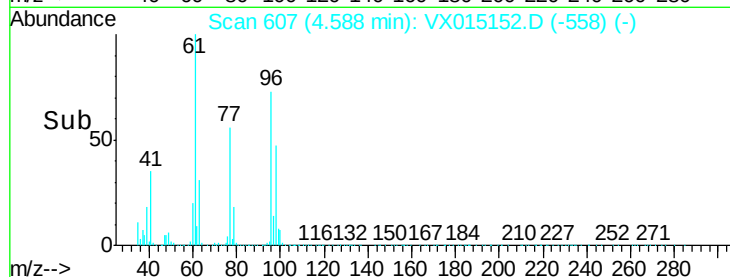
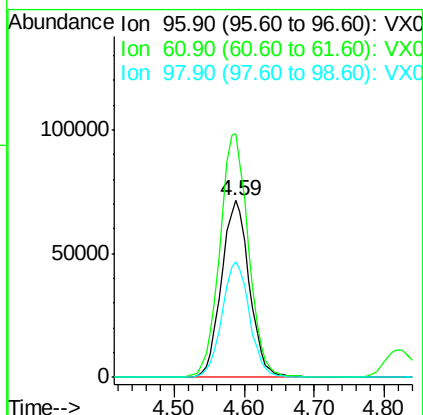
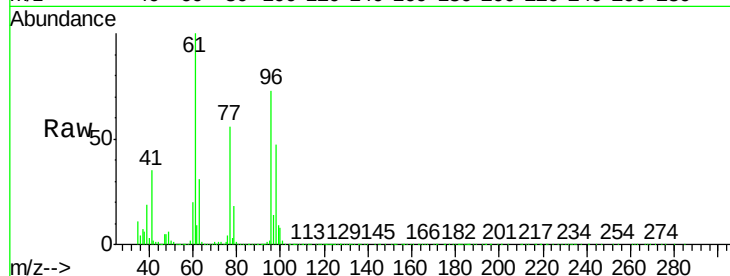


#27

cis-1,2-Dichloroethene
Concen: 51.66 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

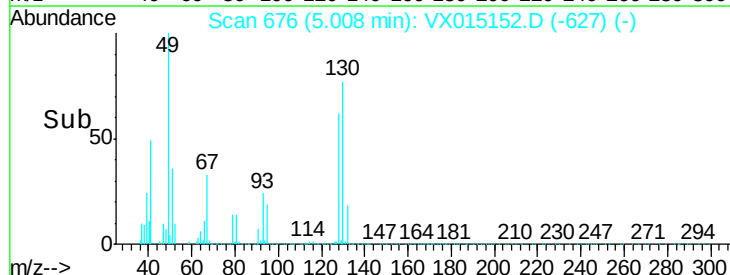
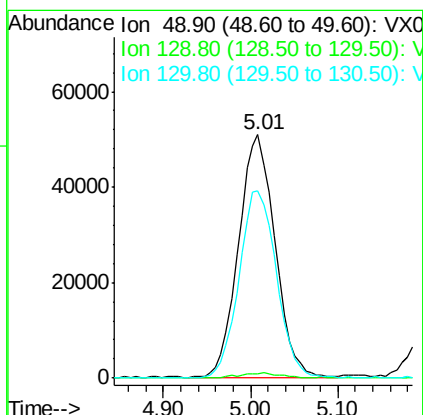
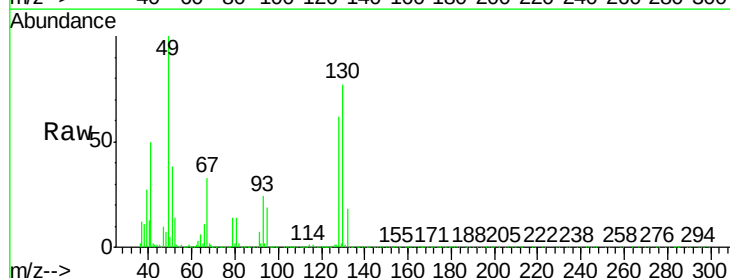
Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	286.8
98	65.1	0.0	128.4

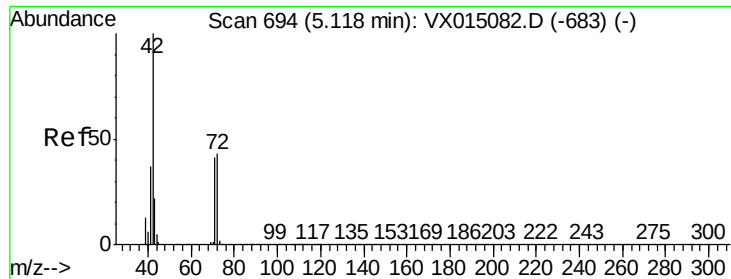


#28

Bromochloromethane
Concen: 53.51 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	78.9	65.0	97.6





#29

Tetrahydrofuran

Concen: 277.36 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

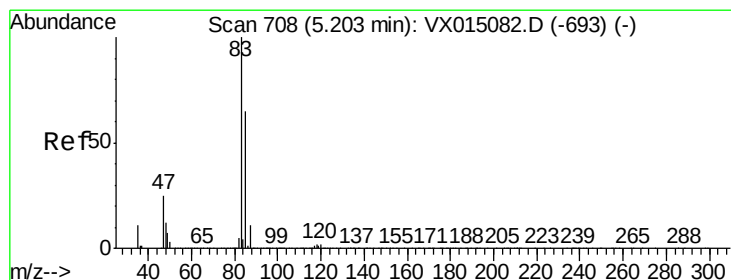
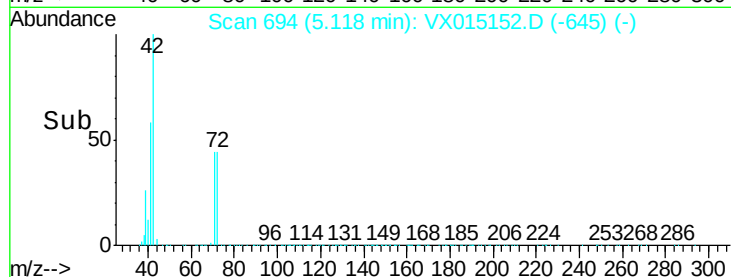
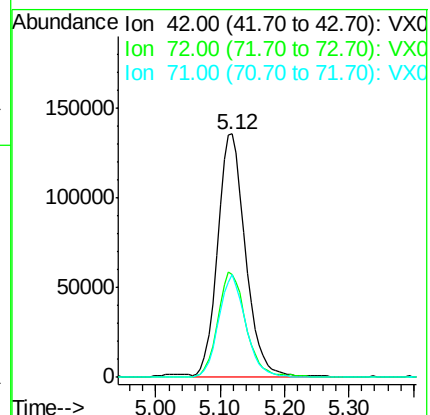
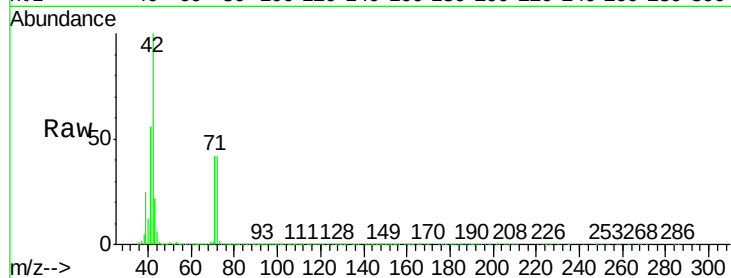
Tgt Ion: 42 Resp: 410723

Ion Ratio Lower Upper

42 100

72 44.0 36.4 54.6

71 40.8 33.3 49.9



#30

Chloroform

Concen: 52.97 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX015152.D

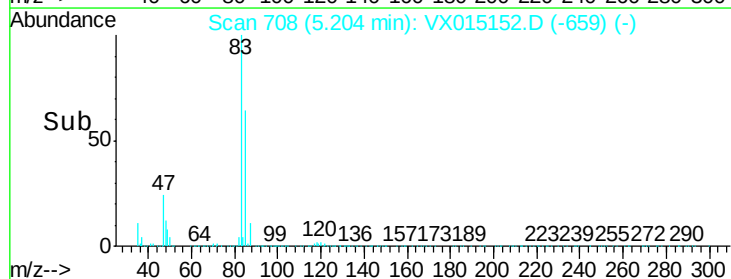
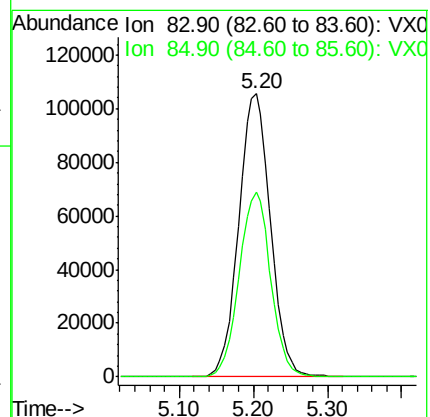
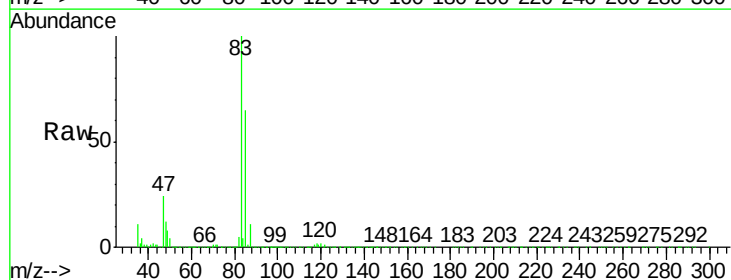
Acq: 09 Mar 2020 18:45

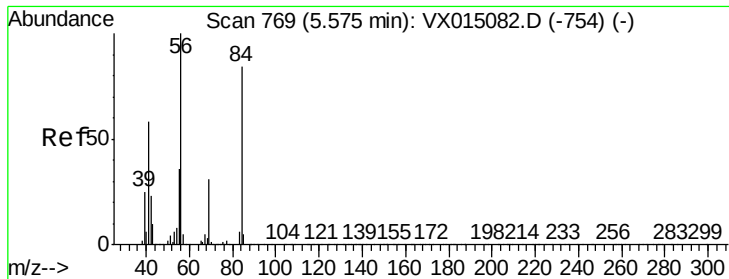
Tgt Ion: 83 Resp: 315913

Ion Ratio Lower Upper

83 100

85 65.1 52.0 78.0

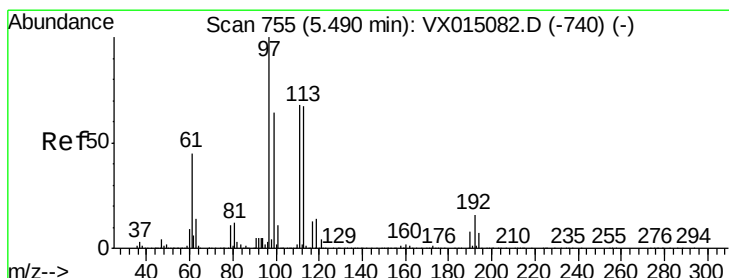
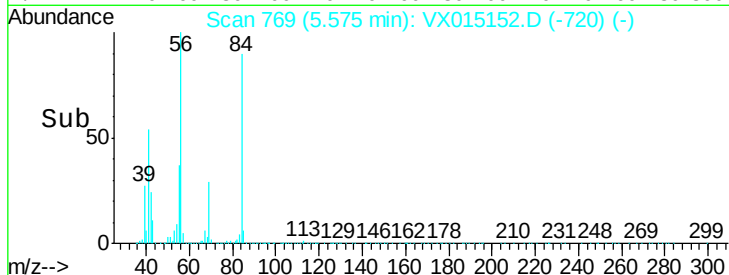
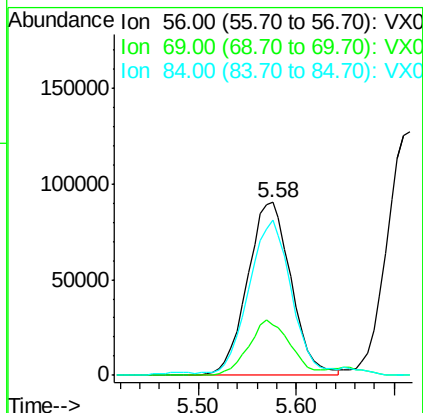
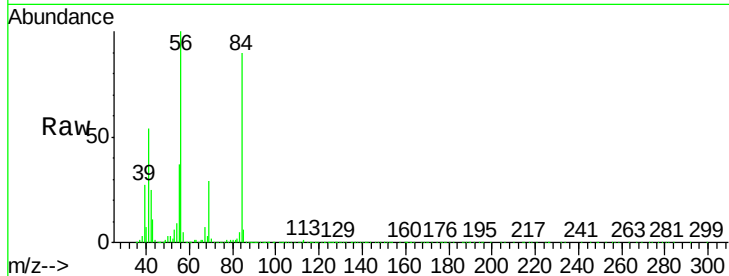




#31
Cyclohexane
Concen: 51.07 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

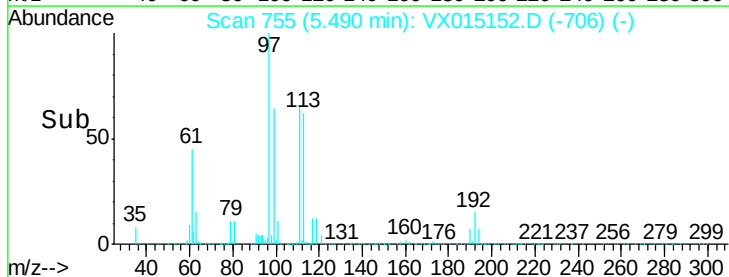
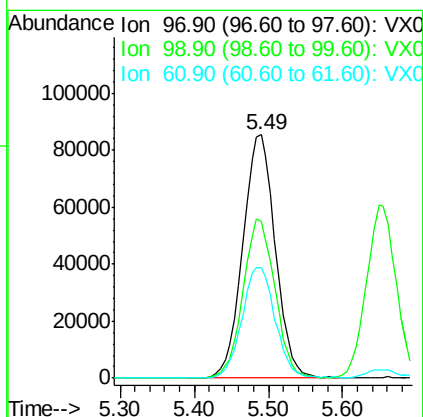
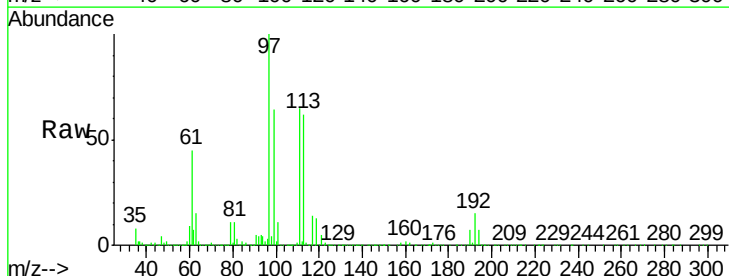
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

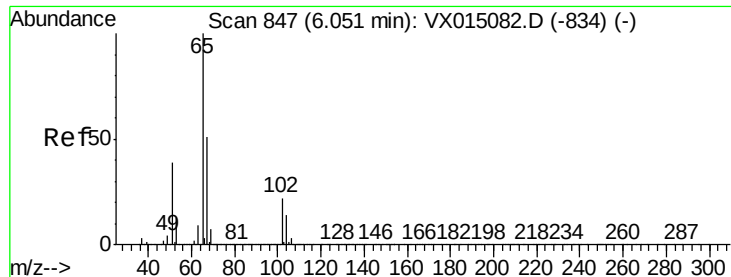
Tgt Ion: 56 Resp: 278760
Ion Ratio Lower Upper
56 100
69 29.1 25.0 37.6
84 87.8 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 52.75 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion: 97 Resp: 260774
Ion Ratio Lower Upper
97 100
99 64.8 52.8 79.2
61 46.3 36.6 54.8

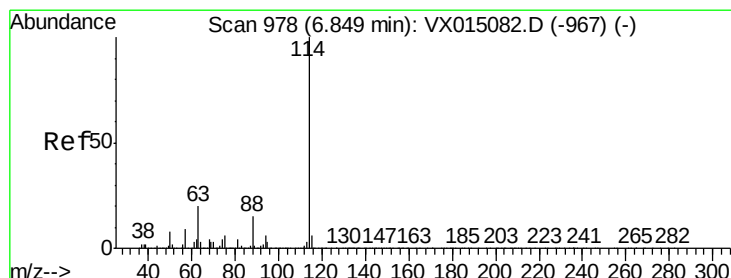
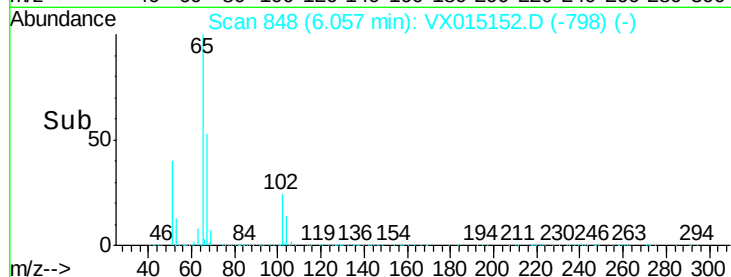
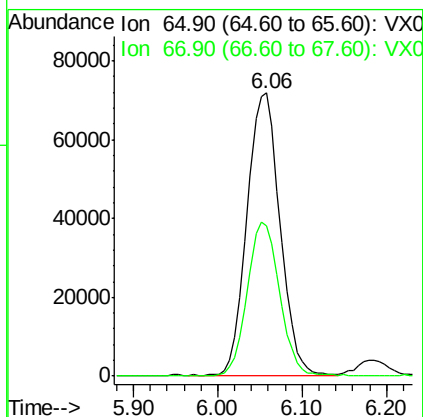
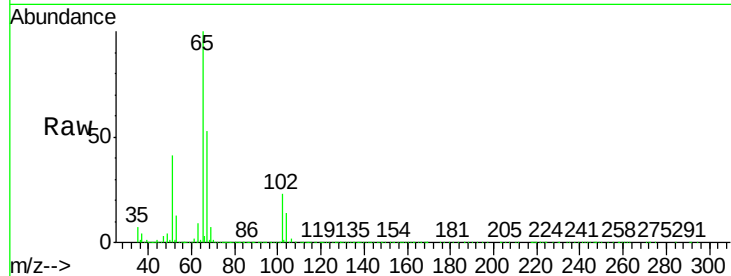




#33
 1,2-Dichloroethane-d4
 Concen: 49.06 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

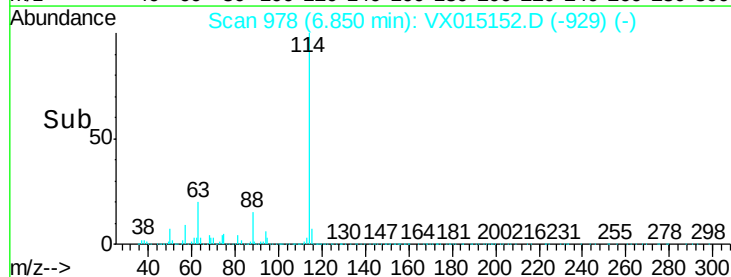
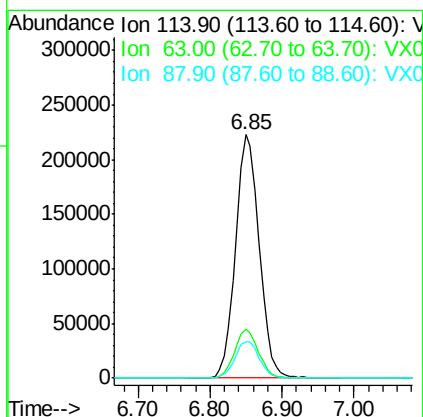
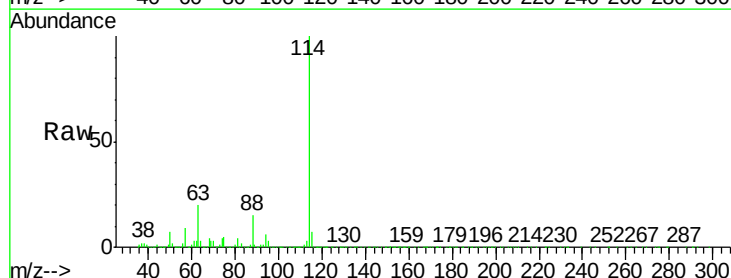
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

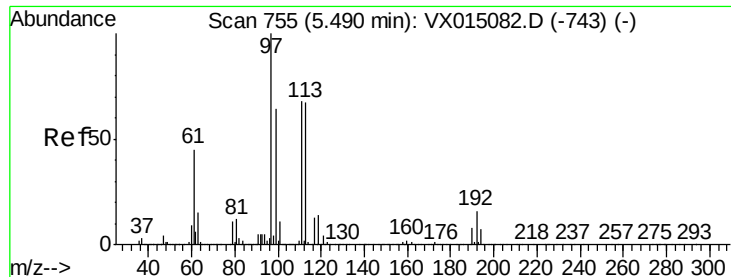
Tgt Ion: 65 Resp: 190096
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Tgt Ion: 114 Resp: 508442
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.0 0.0 30.6

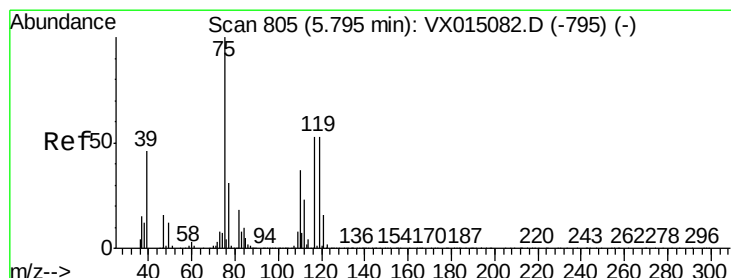
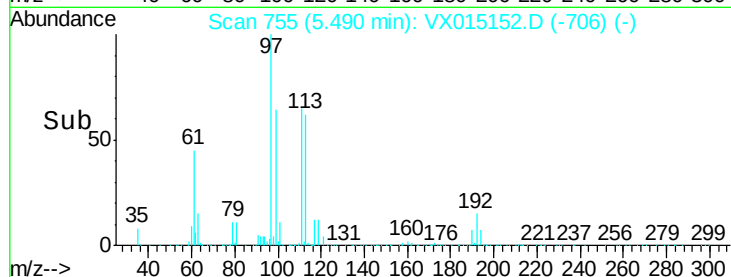
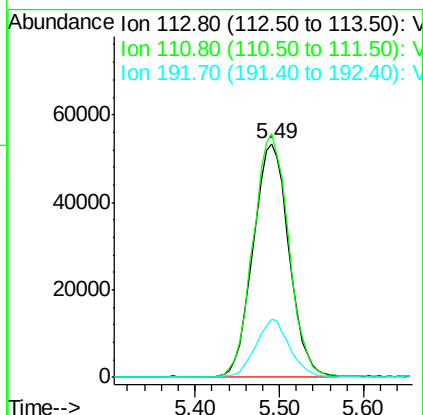
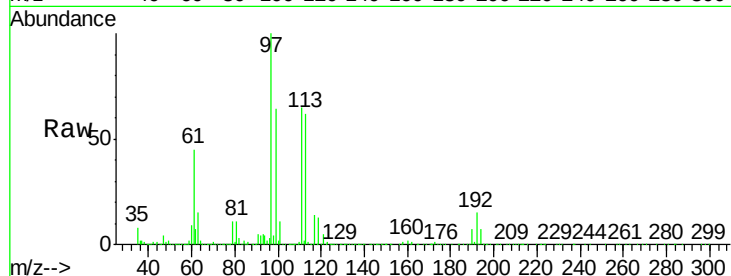




#35
 Dibromofluoromethane
 Concen: 48.46 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

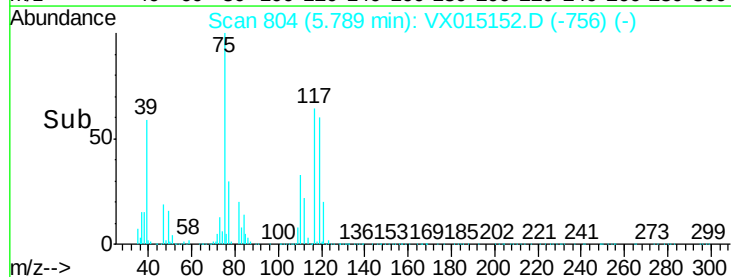
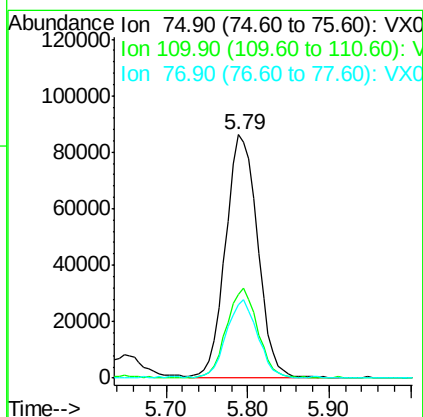
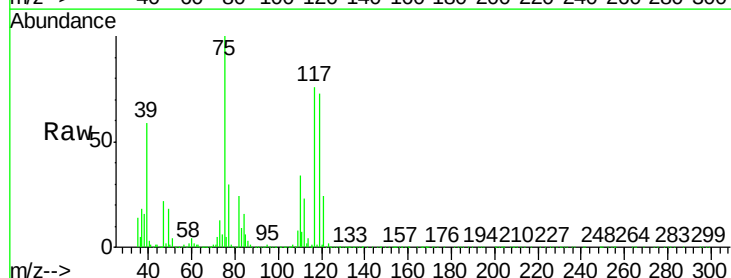
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

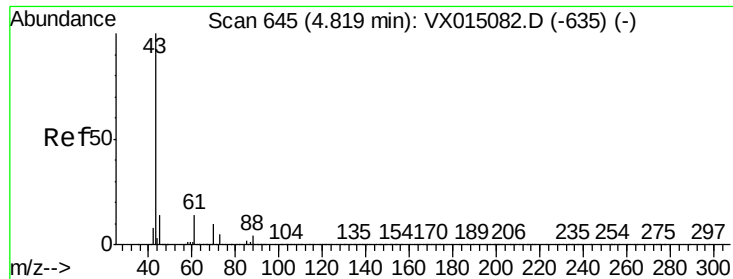
Tgt Ion: 113 Resp: 155440
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.6 123.8
 192 23.9 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 49.52 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Tgt Ion: 75 Resp: 232757
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.9 53.8
 77 30.7 24.8 37.2

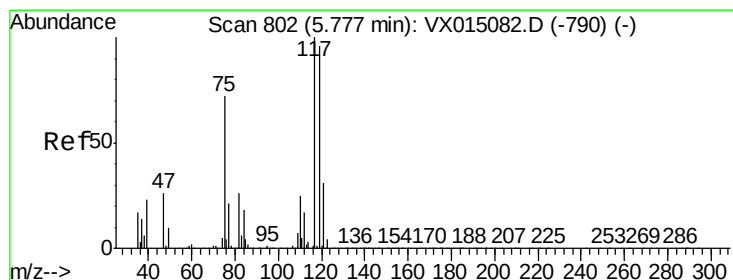
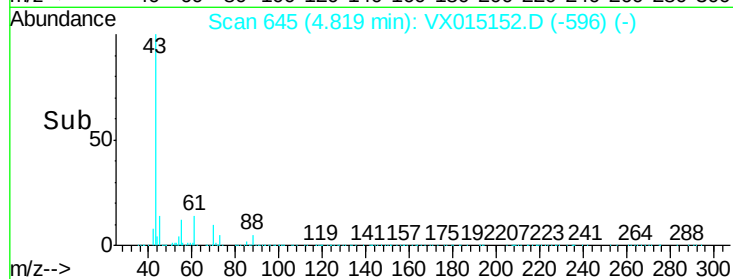
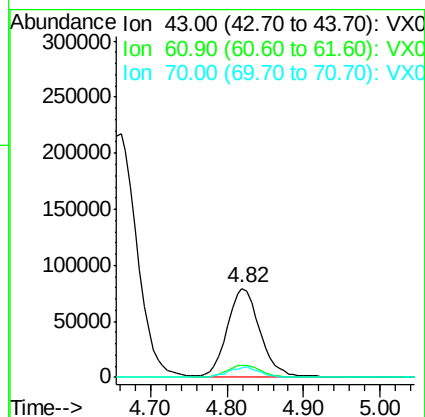
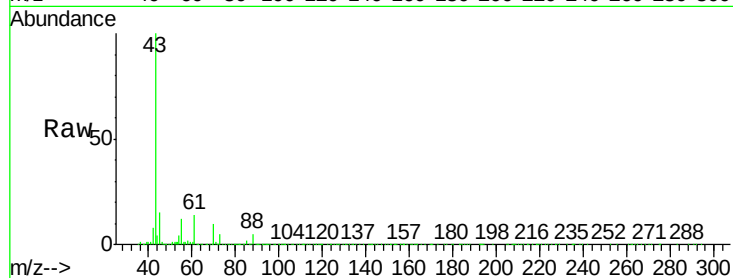




#37
Ethyl Acetate
Concen: 53.48 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

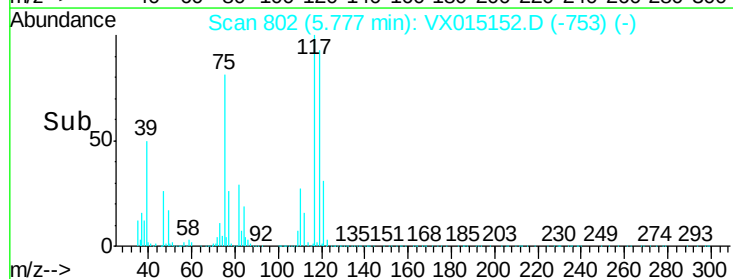
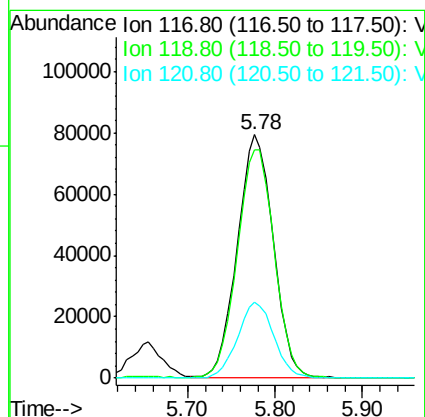
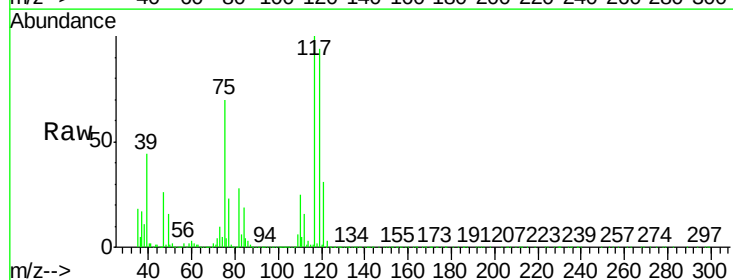
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

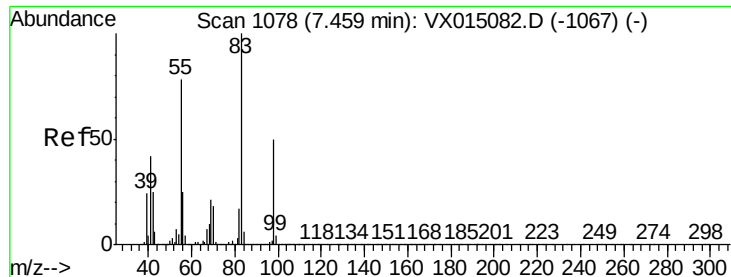
Tgt Ion:	43	Resp:	233174
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	10.4	8.1	12.1



#38
Carbon Tetrachloride
Concen: 51.04 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion:	117	Resp:	226450
Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.9	115.3
121	31.1	24.6	37.0

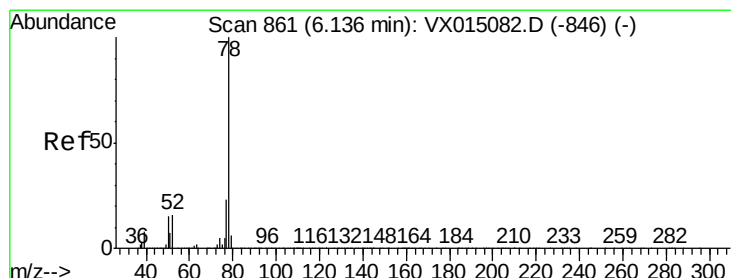
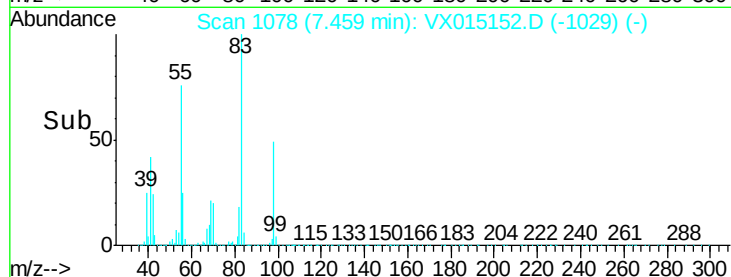
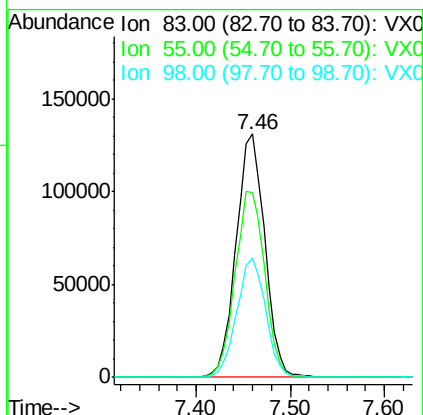
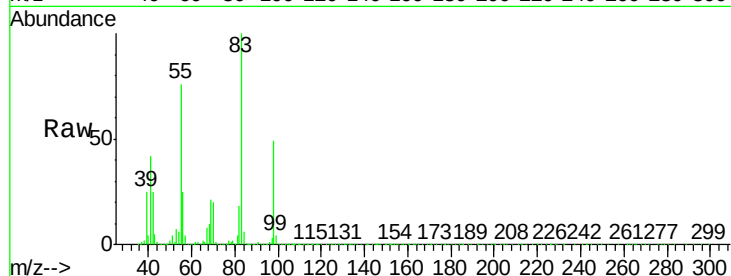




#39
Methylcyclohexane
Concen: 50.87 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

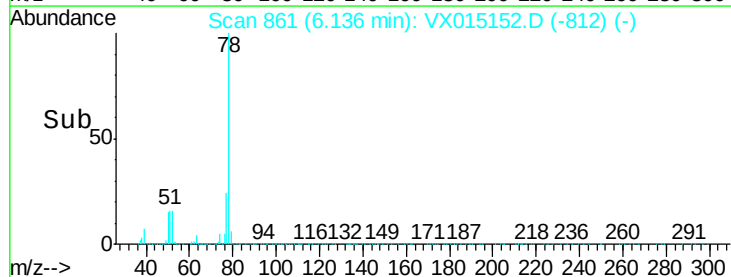
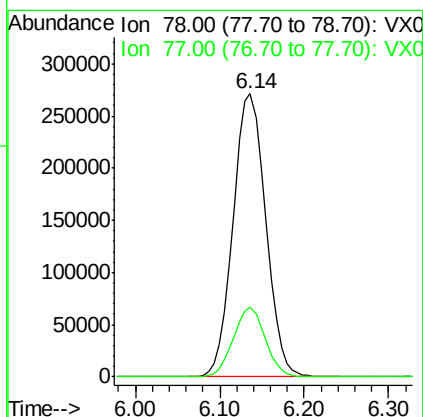
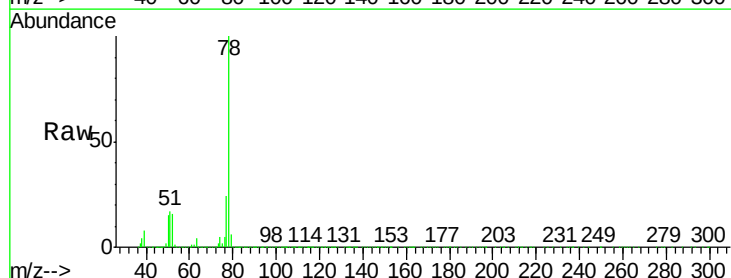
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

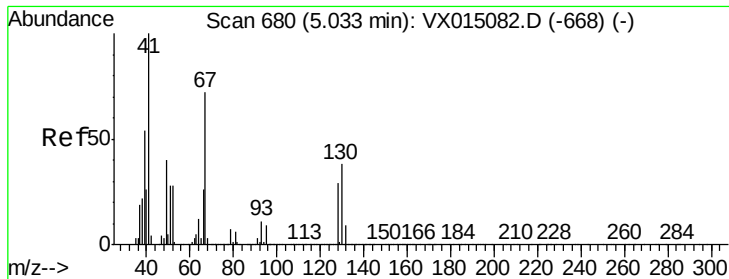
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.5	62.4	93.6
98	49.2	39.7	59.5



#40
Benzene
Concen: 50.92 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.6	28.0

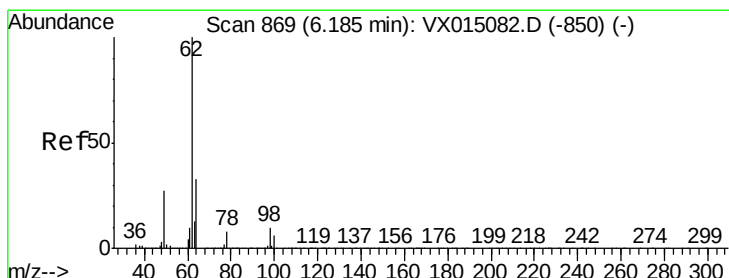
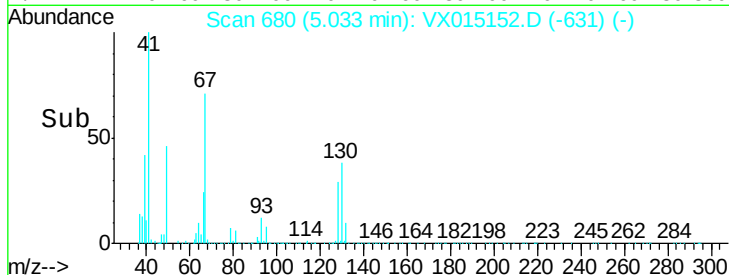
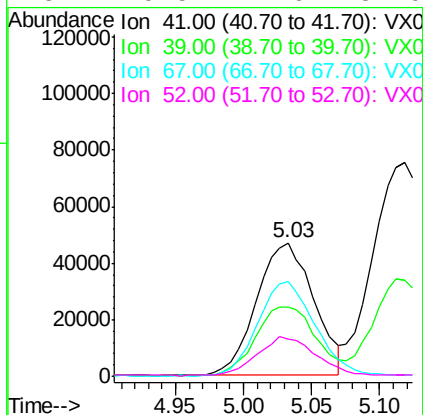
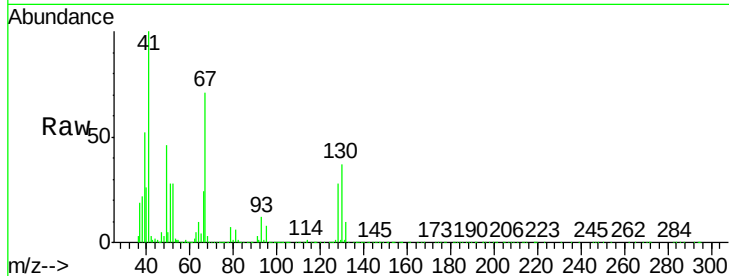




#41
Methacrylonitrile
Concen: 52.75 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

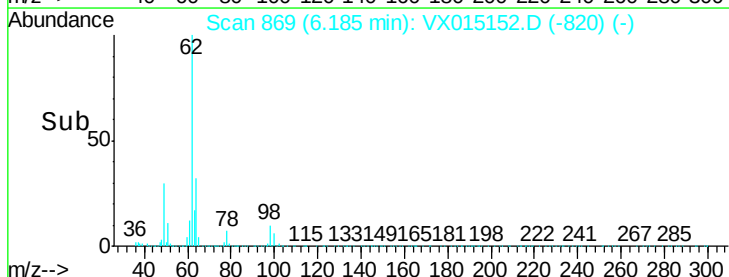
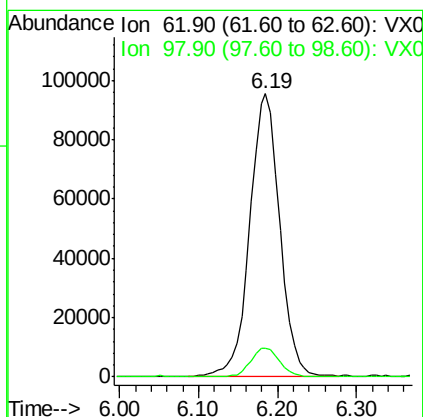
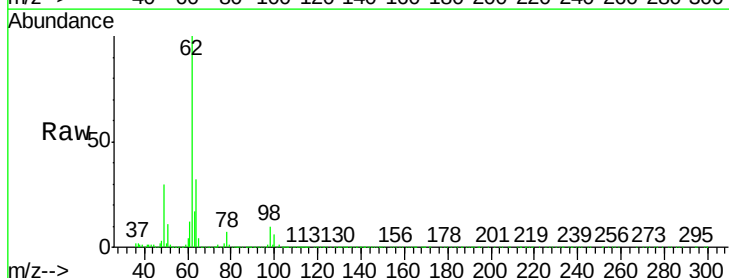
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

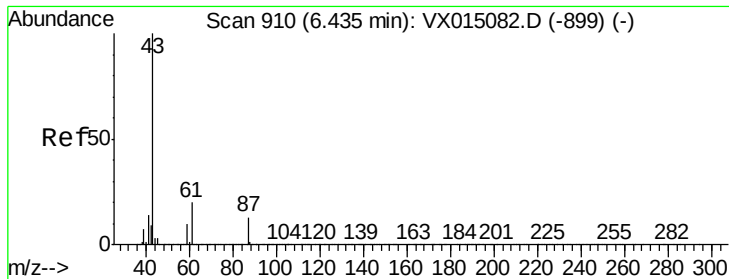
Tgt Ion:	41	Resp:	138150
Ion	Ratio	Lower	Upper
41	100		
39	55.7	43.9	65.9
67	71.2	57.8	86.8
52	29.5	22.6	34.0



#42
1,2-Dichloroethane
Concen: 52.17 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion:	62	Resp:	249842
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.6





#43

Isopropyl Acetate

Concen: 50.76 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

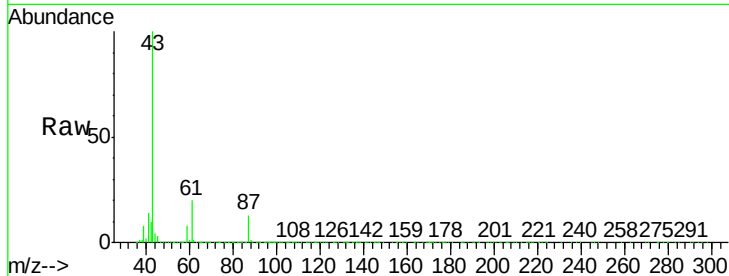
Tgt Ion: 43 Resp: 389320

Ion Ratio Lower Upper

43 100

61 19.6 16.1 24.1

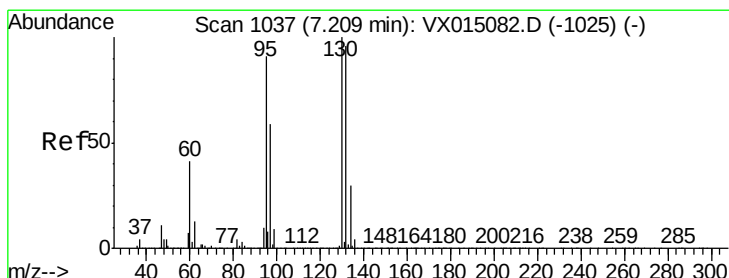
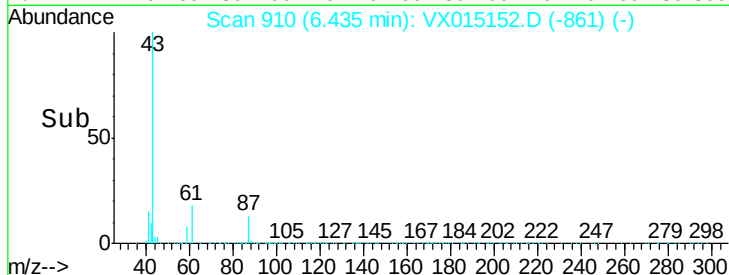
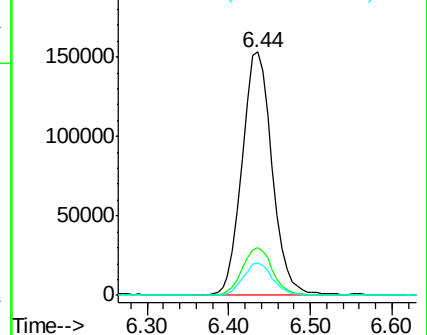
87 13.0 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 55.93 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015152.D

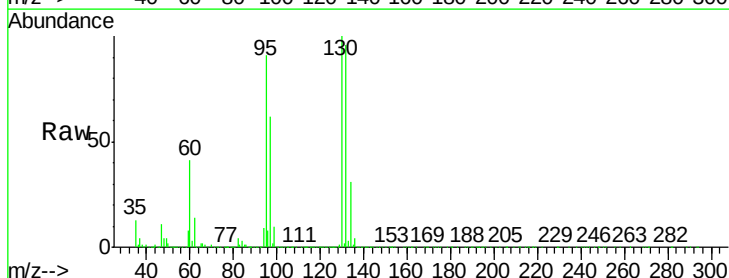
Acq: 09 Mar 2020 18:45

Tgt Ion: 130 Resp: 217203

Ion Ratio Lower Upper

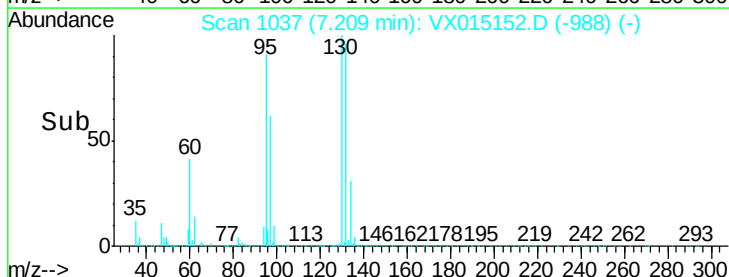
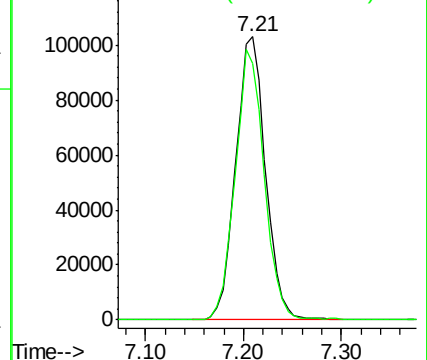
130 100

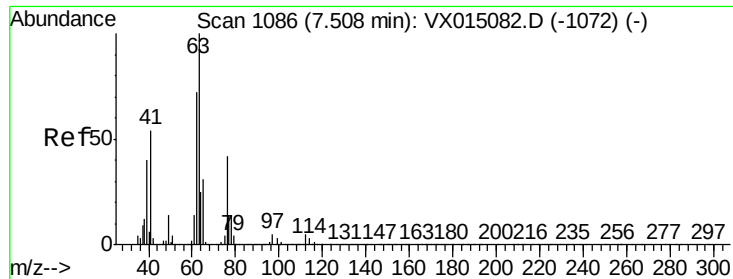
95 90.7 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

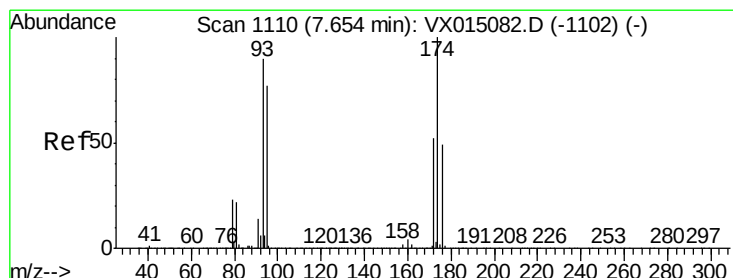
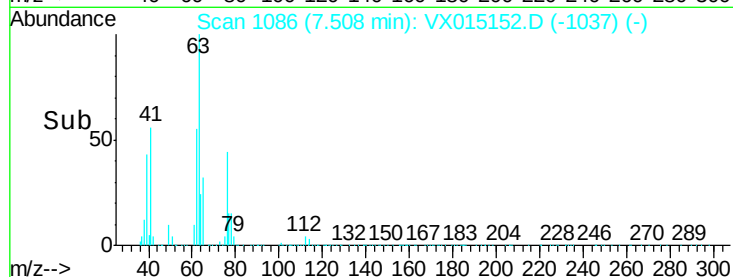
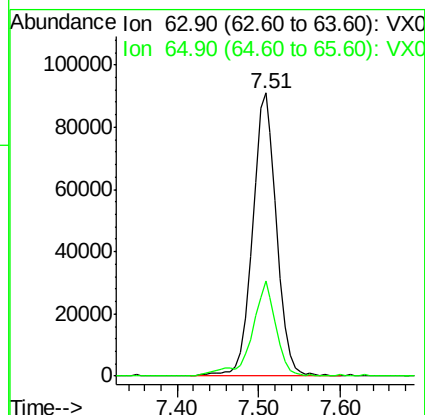
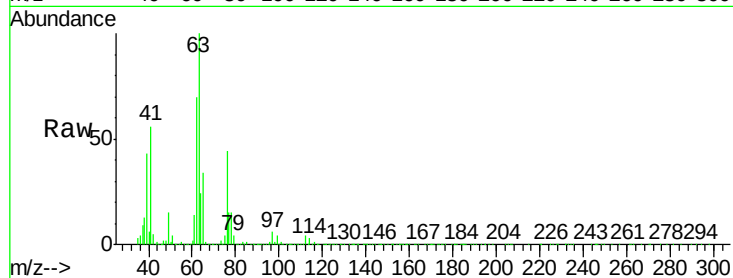




#45
 1,2-Dichloropropane
 Concen: 51.42 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

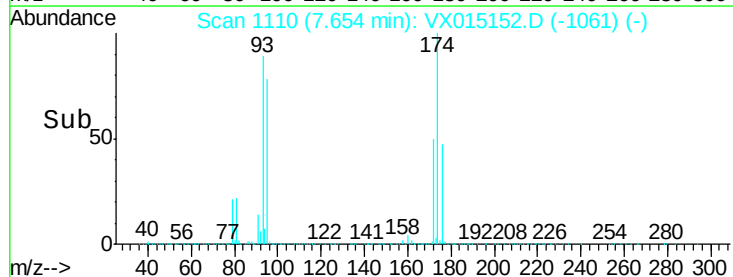
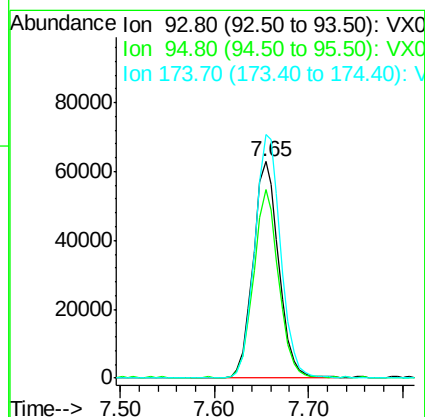
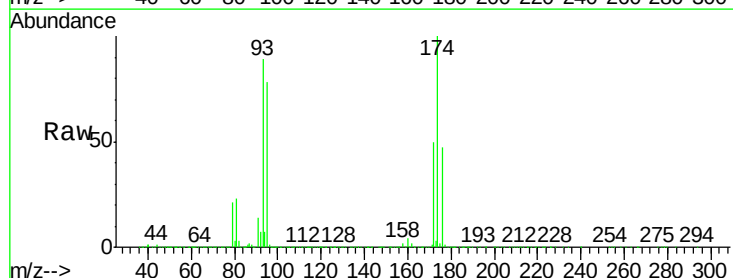
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

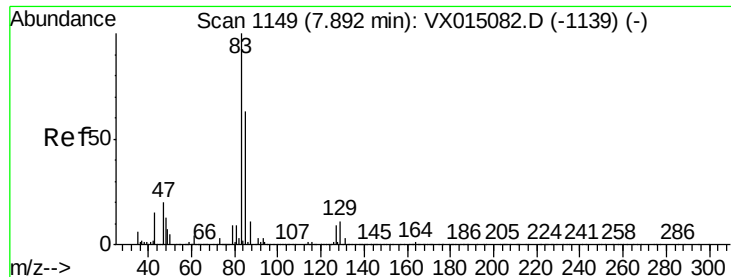
Tgt Ion: 63 Resp: 185594
 Ion Ratio Lower Upper
 63 100
 65 33.4 24.6 36.8



#46
 Dibromomethane
 Concen: 51.40 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Tgt Ion: 93 Resp: 120894
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.8 101.8
 174 113.7 91.0 136.4





#47

Bromodichloromethane

Concen: 52.13 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

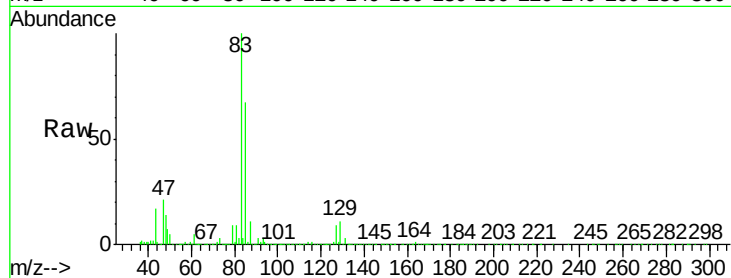
Tgt Ion: 83 Resp: 242453

Ion Ratio Lower Upper

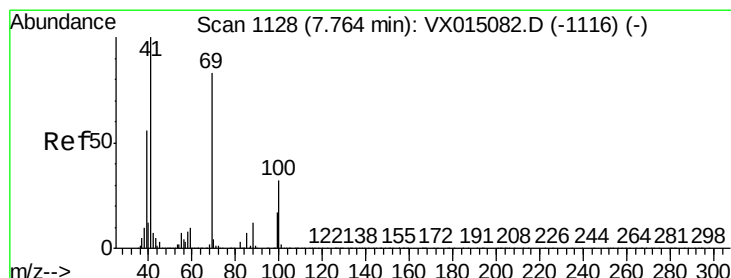
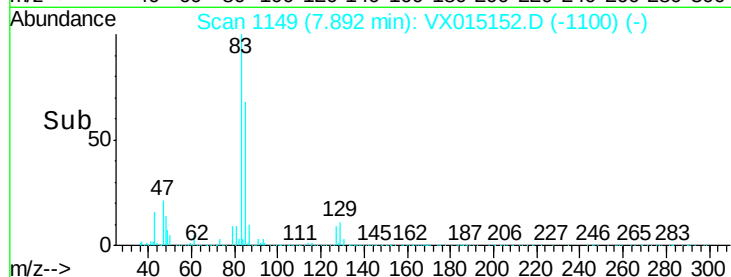
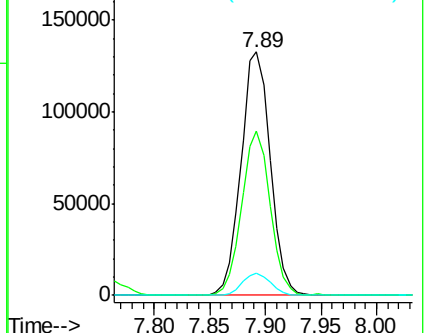
83 100

85 67.4 50.6 75.8

127 8.9 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.57 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

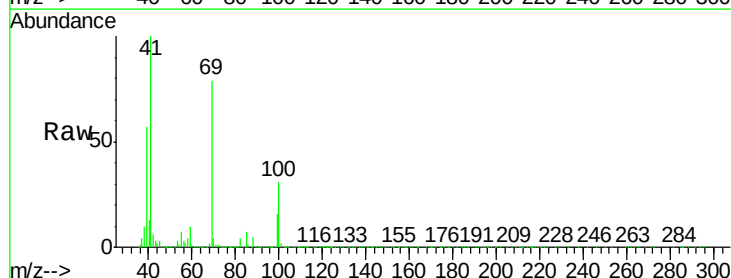
Tgt Ion: 41 Resp: 205221

Ion Ratio Lower Upper

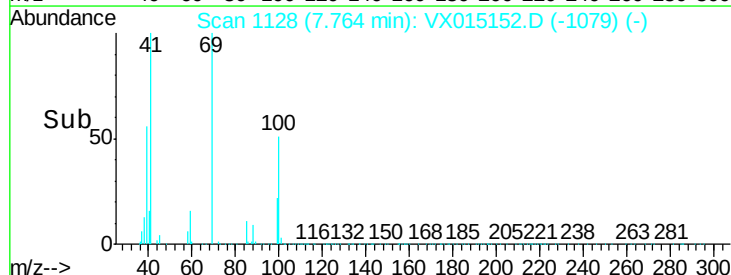
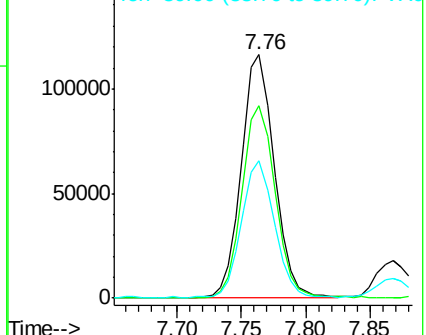
41 100

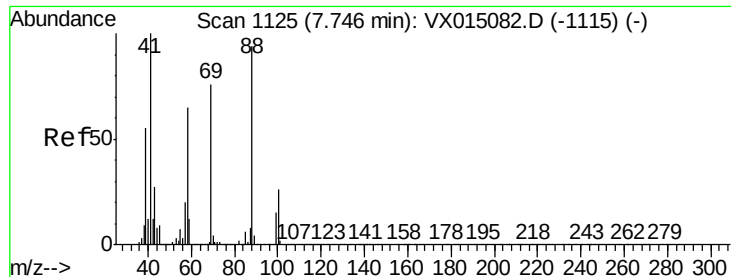
69 80.9 65.4 98.2

39 56.2 44.6 67.0



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

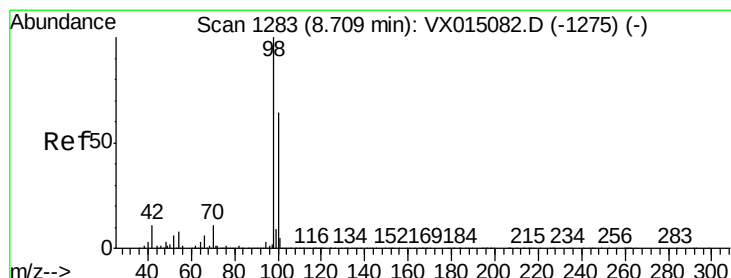
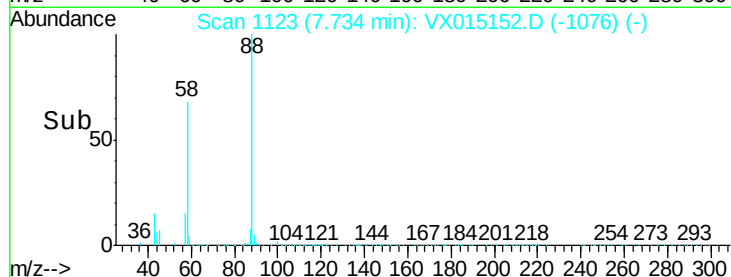
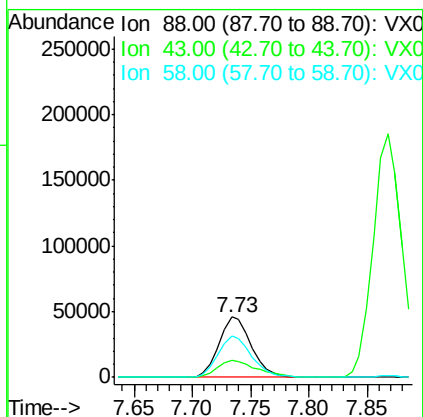
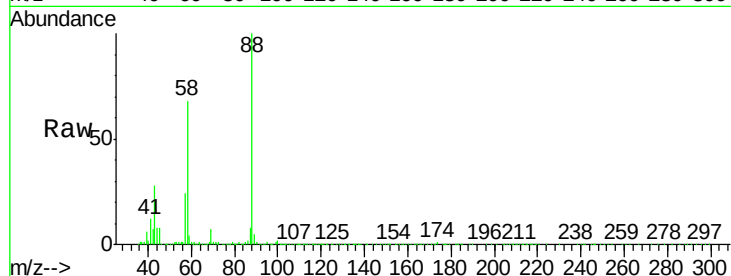




#49
1,4-Dioxane
Concen: 1040.77 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

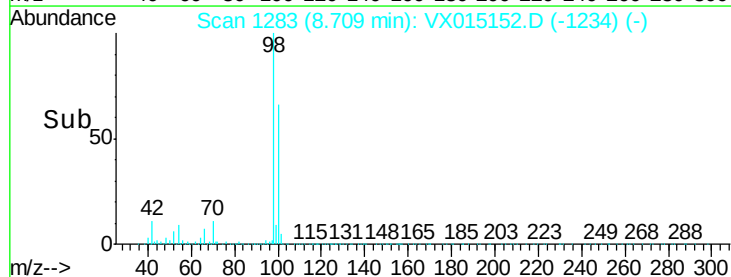
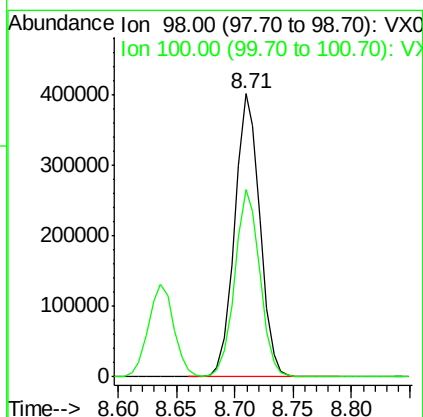
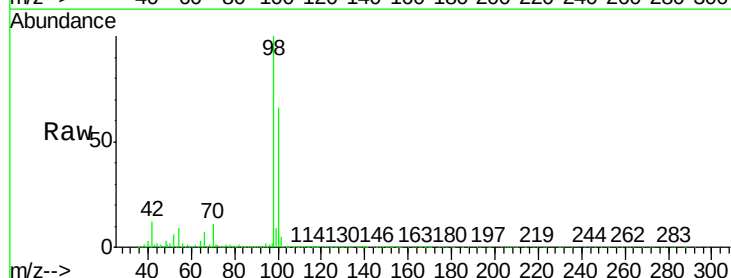
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

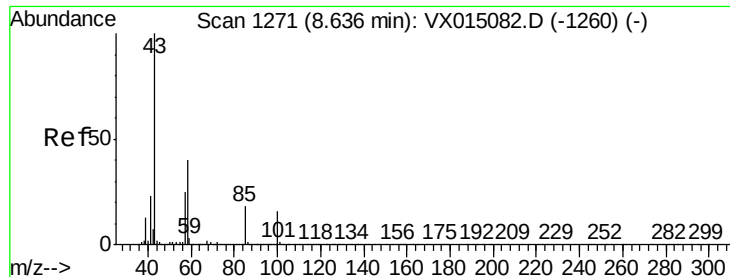
Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.7	27.0	40.4
58	72.1	55.6	83.4



#50
Toluene-d8
Concen: 49.48 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.4	78.6

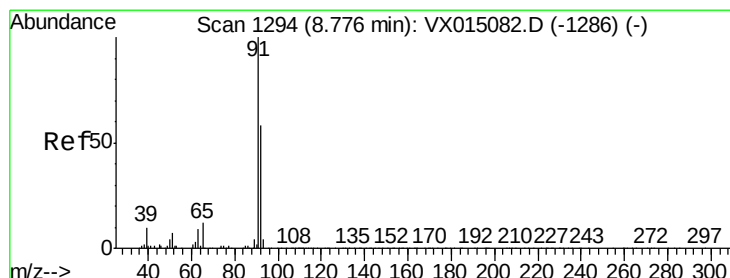
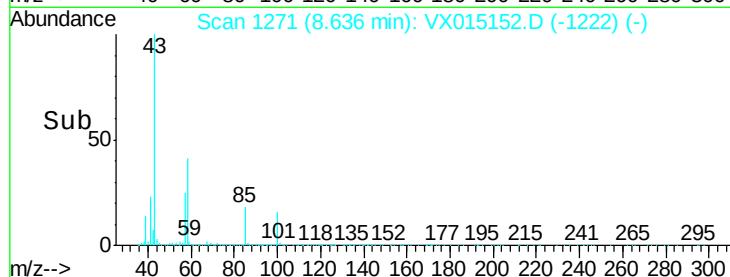
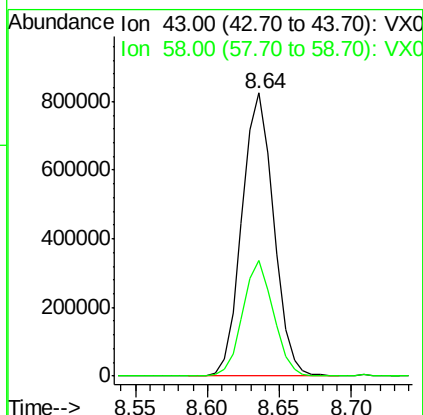
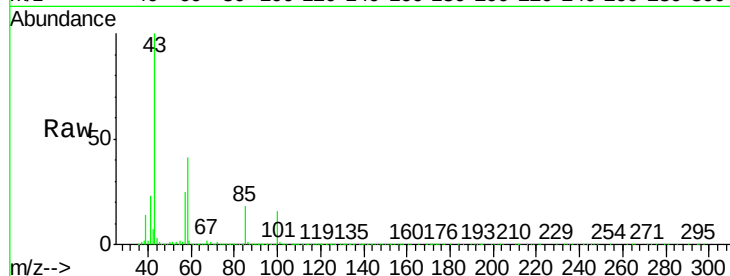




#51
 4-Methyl-2-Pentanone
 Concen: 278.05 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

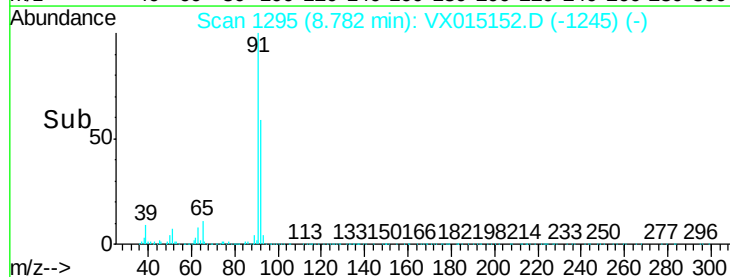
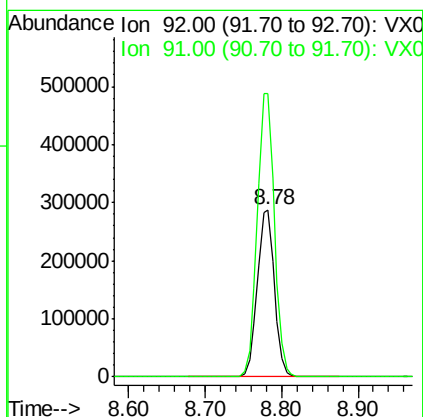
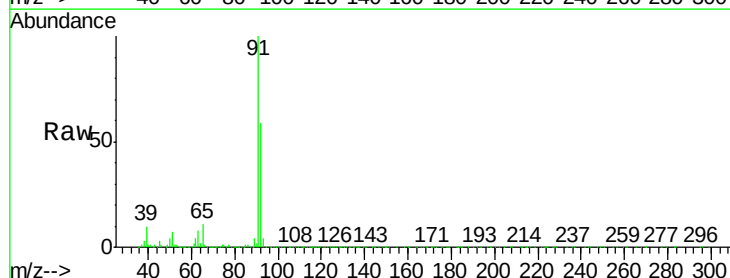
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

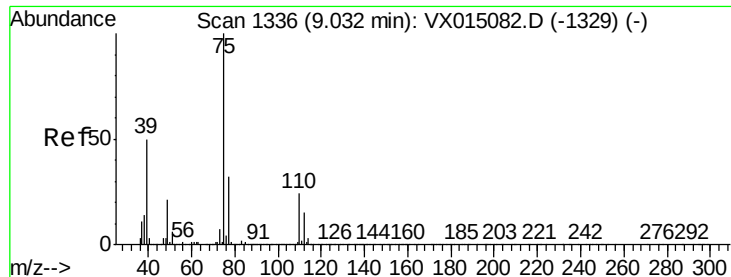
Tgt Ion: 43 Resp: 1260993
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.6 47.4



#52
 Toluene
 Concen: 52.90 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Tgt Ion: 92 Resp: 451068
 Ion Ratio Lower Upper
 92 100
 91 170.4 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 52.57 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

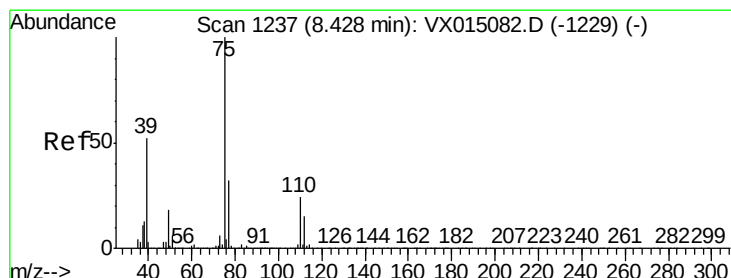
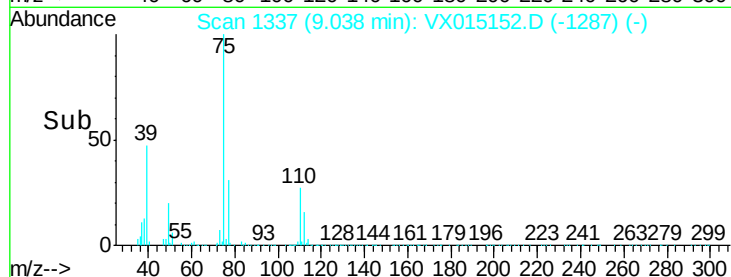
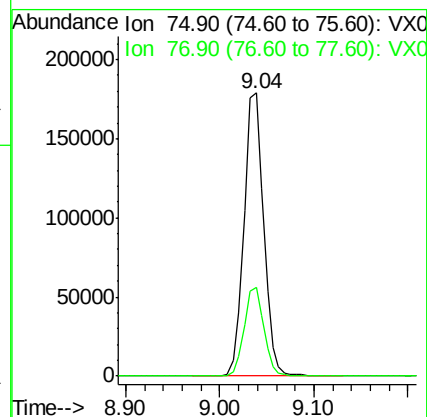
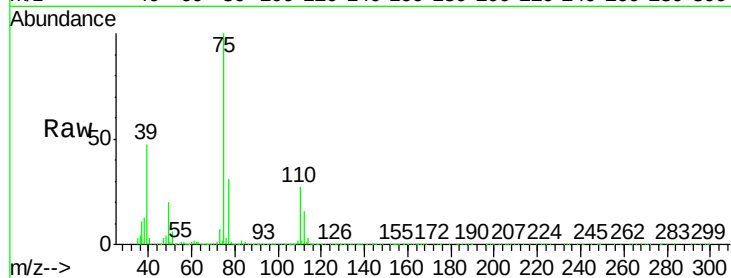
RE132D2-20200305MS

Tgt Ion: 75 Resp: 260252

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 50.76 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

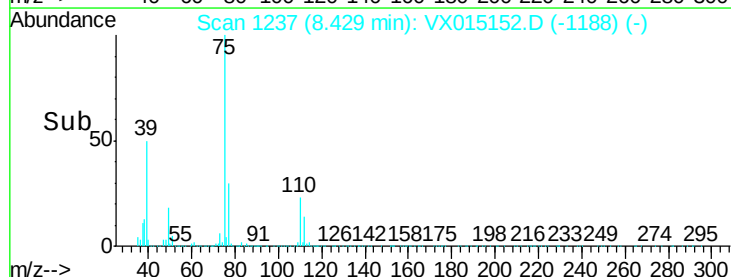
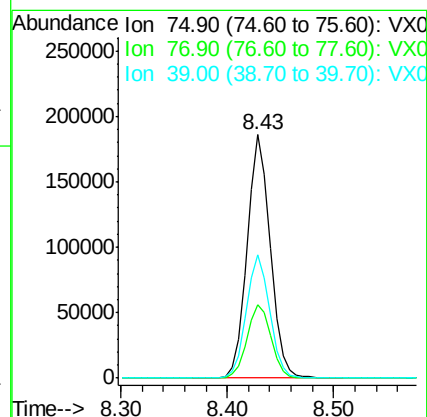
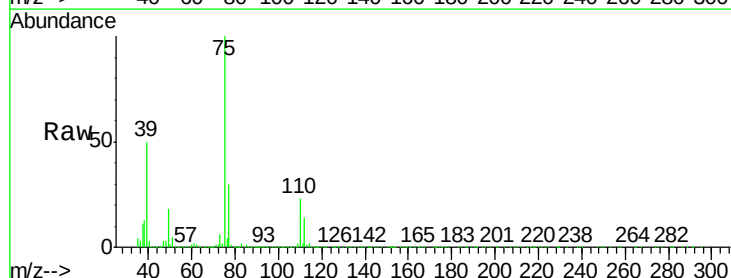
Tgt Ion: 75 Resp: 284074

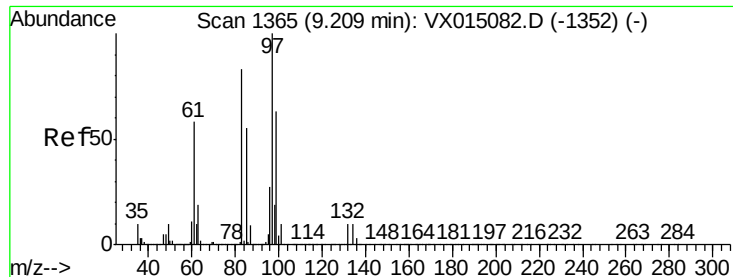
Ion Ratio Lower Upper

75 100

77 30.2 25.8 38.6

39 50.3 41.3 61.9

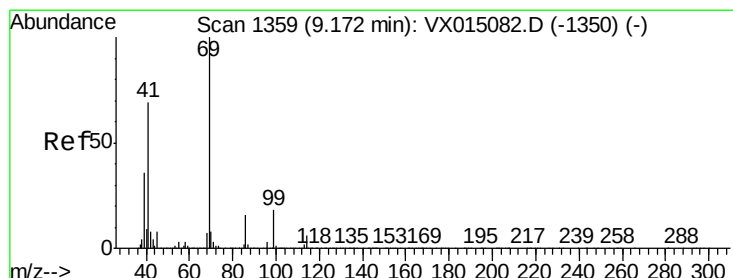
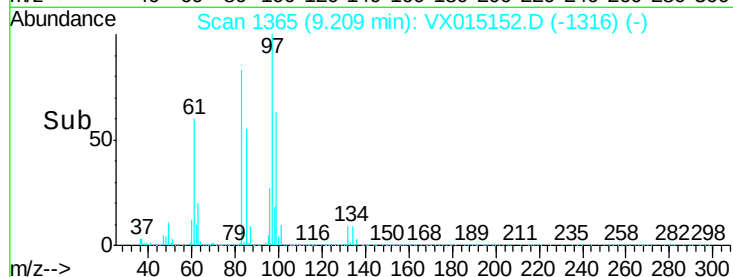
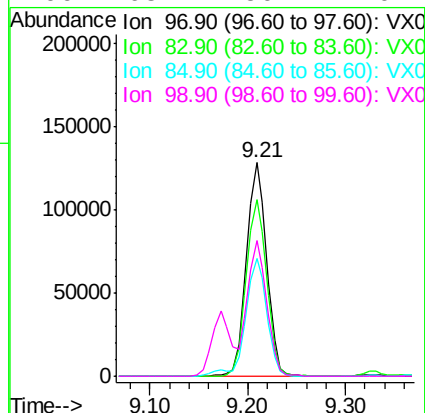
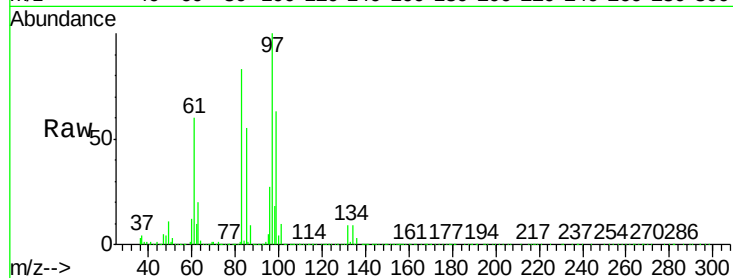




#55
 1,1,2-Trichloroethane
 Concen: 52.30 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

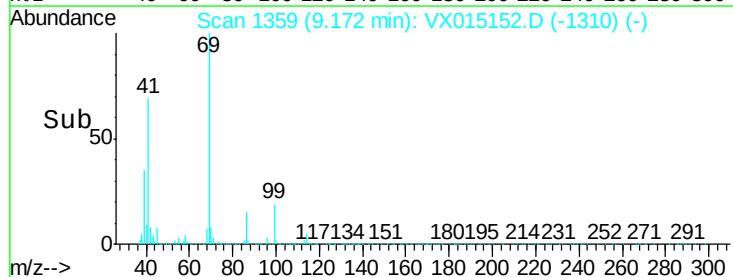
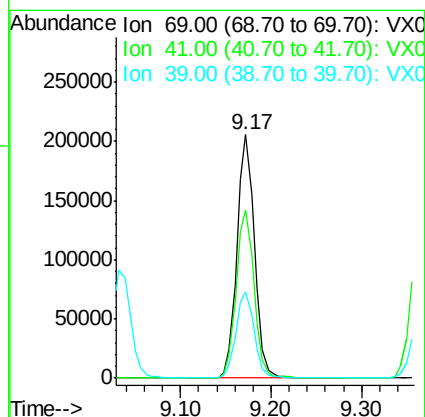
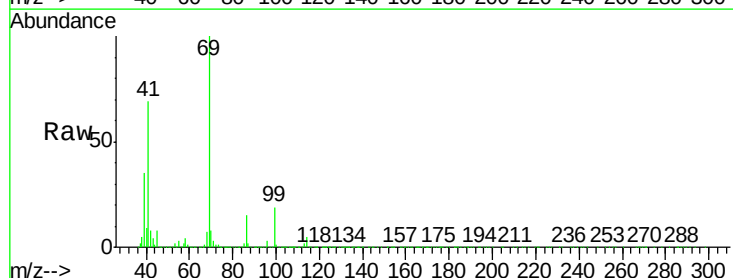
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

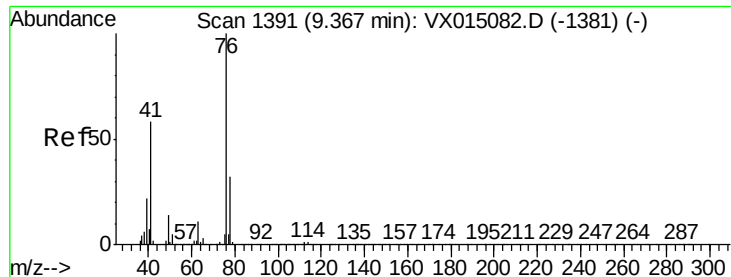
Tgt Ion:	97	Resp:	183551
Ion	Ratio	Lower	Upper
97	100		
83	82.8	66.4	99.6
85	55.0	43.5	65.3
99	63.4	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 55.01 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Tgt Ion:	69	Resp:	275396
Ion	Ratio	Lower	Upper
69	100		
41	70.0	55.8	83.8
39	36.4	29.4	44.2





#57

1,3-Dichloropropane

Concen: 52.80 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

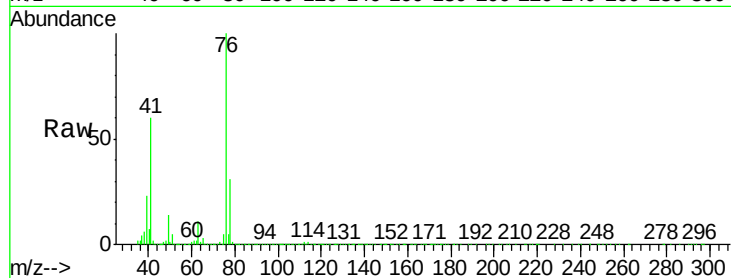
RE132D2-20200305MS

Tgt Ion: 76 Resp: 311747

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

200000

150000

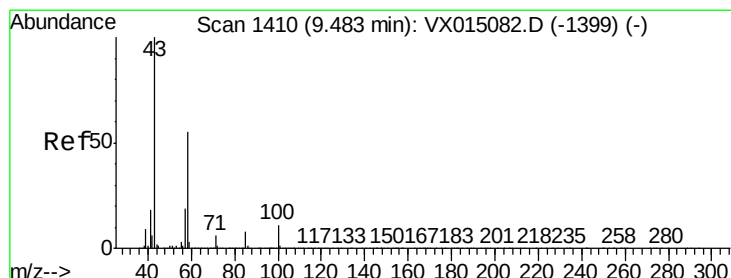
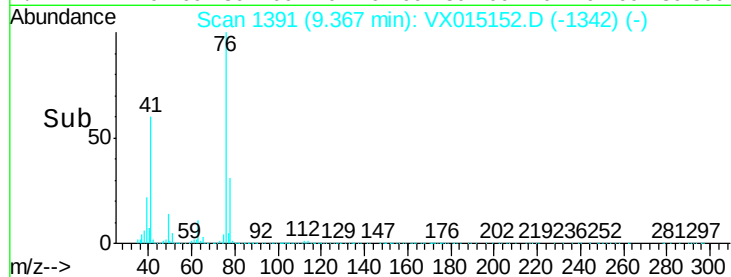
100000

50000

0

Time-->

9.30 9.40 9.50



#59

2-Hexanone

Concen: 283.10 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX015152.D

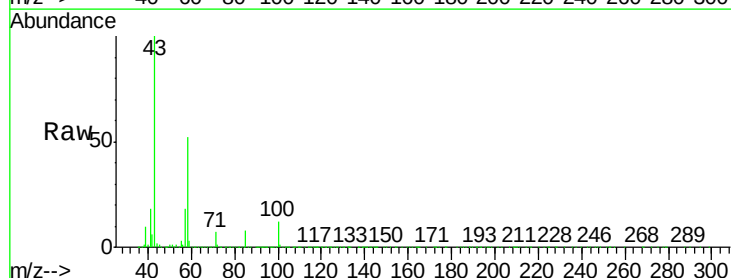
Acq: 09 Mar 2020 18:45

Tgt Ion: 43 Resp: 951588

Ion Ratio Lower Upper

43 100

58 54.5 27.3 81.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

800000

600000

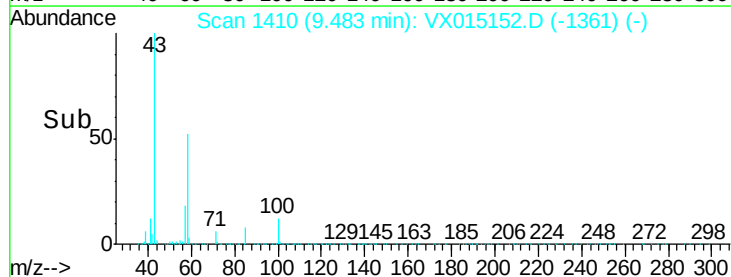
400000

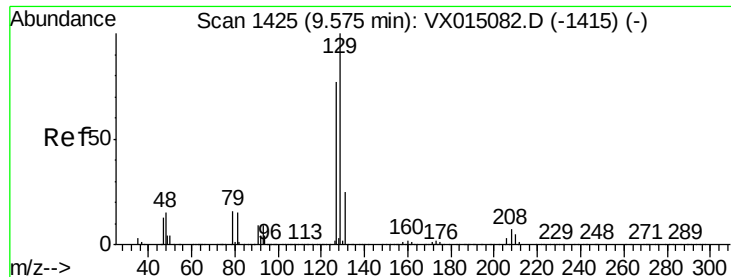
200000

0

Time-->

9.40 9.50 9.60





#60

Dibromochloromethane

Concen: 53.64 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

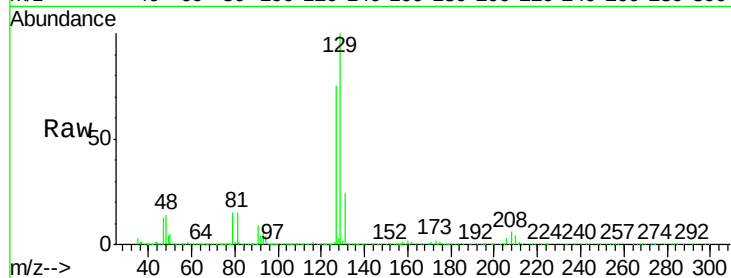
RE132D2-20200305MS

Tgt Ion:129 Resp: 197745

Ion Ratio Lower Upper

129 100

127 77.8 38.8 116.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

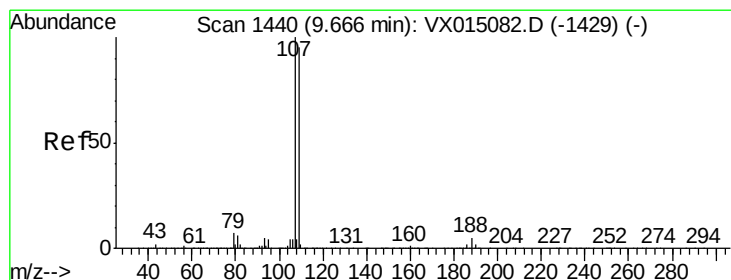
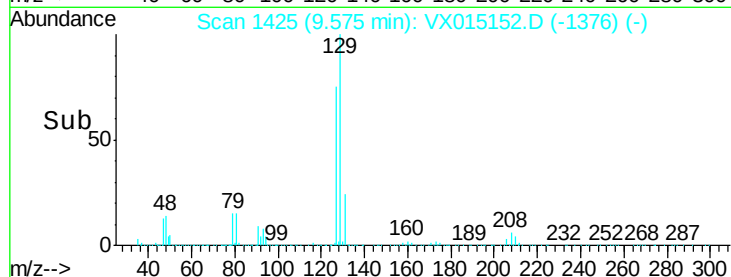
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 51.91 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015152.D

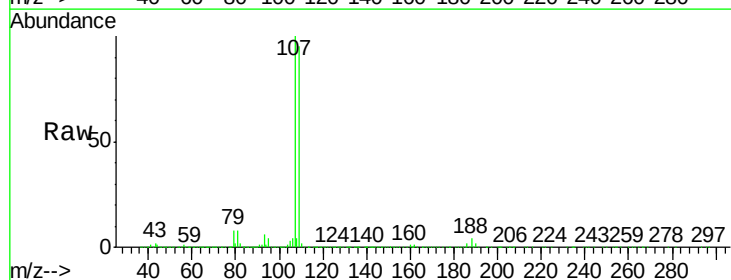
Acq: 09 Mar 2020 18:45

Tgt Ion:107 Resp: 191339

Ion Ratio Lower Upper

107 100

109 93.7 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

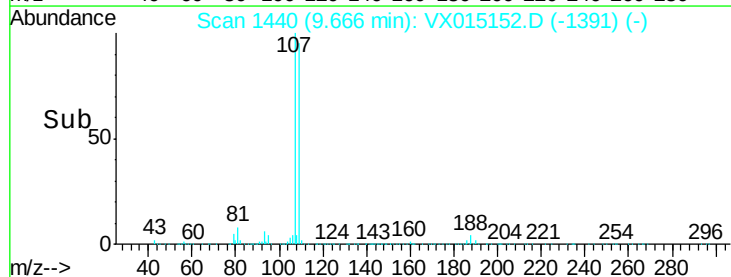
150000

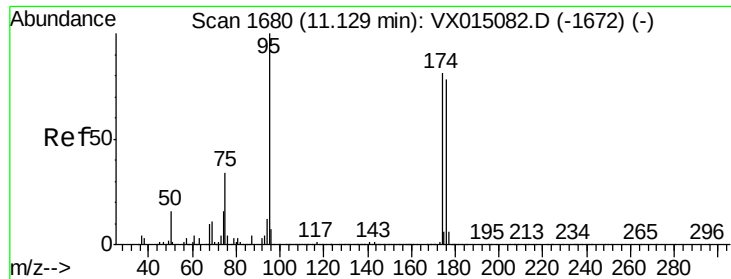
100000

50000

0

Time-->

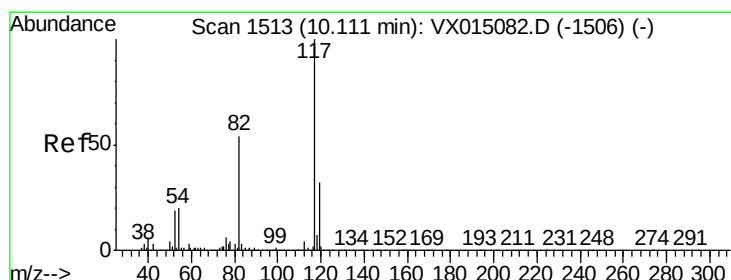
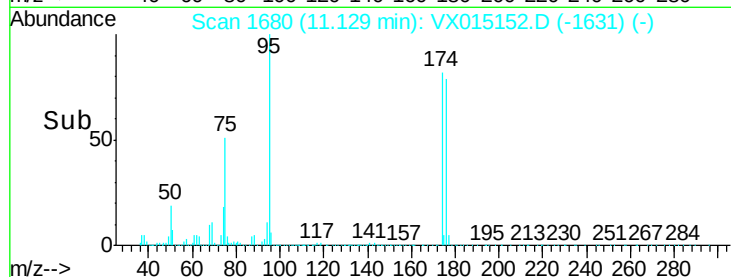
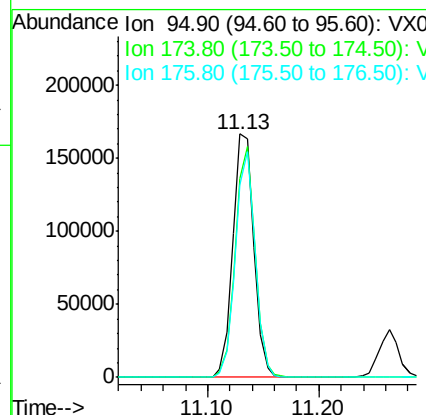
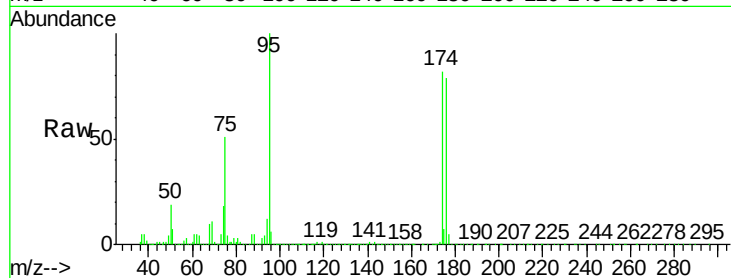




#62
4-Bromofluorobenzene
Concen: 49.76 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

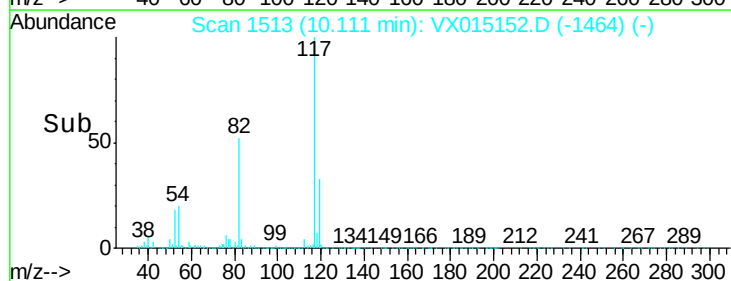
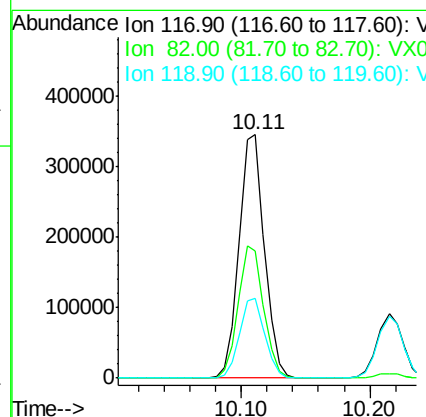
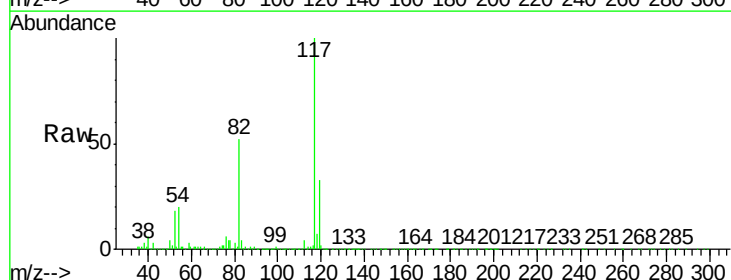
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

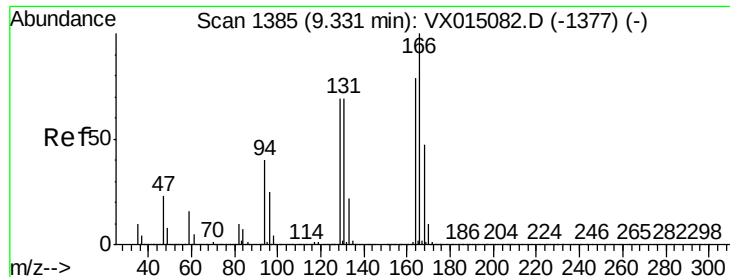
Tgt Ion: 95 Resp: 216554
Ion Ratio Lower Upper
95 100
174 89.9 0.0 177.6
176 87.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion: 117 Resp: 473155
Ion Ratio Lower Upper
117 100
82 52.3 43.3 64.9
119 32.6 25.8 38.8





#64

Tetrachloroethene

Concen: 49.43 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

Tgt Ion:164 Resp: 193366

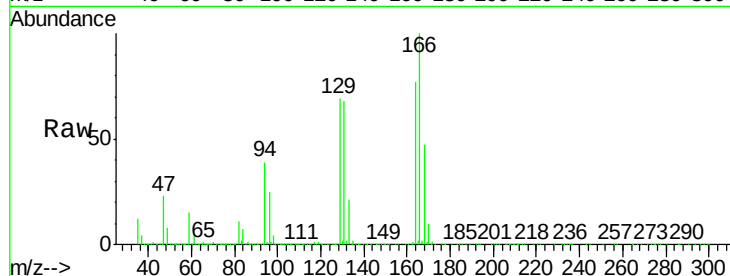
Ion Ratio Lower Upper

164 100

166 129.7 101.1 151.7

129 89.6 69.4 104.0

131 87.9 69.8 104.8

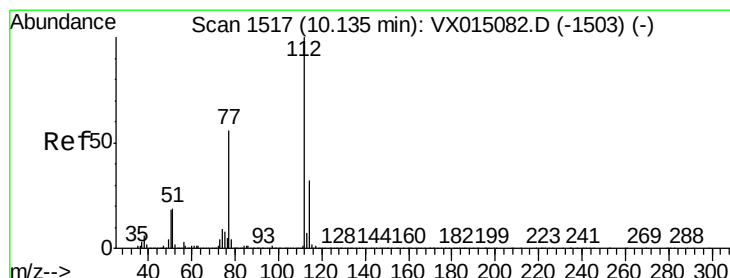
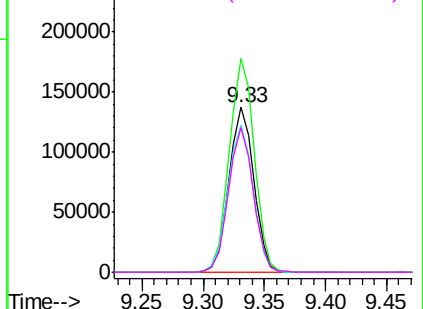
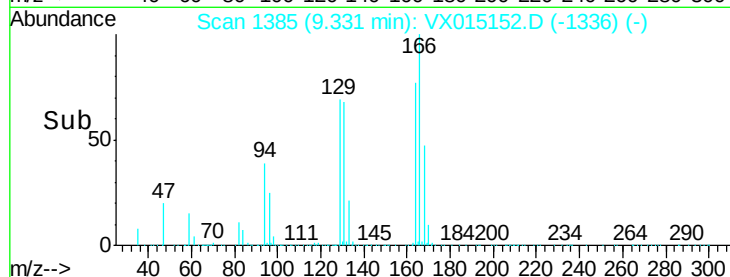


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 51.27 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015152.D

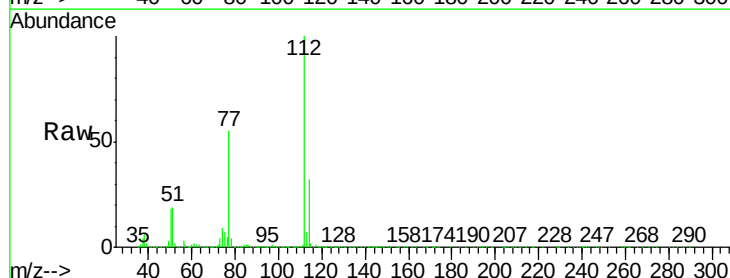
Acq: 09 Mar 2020 18:45

Tgt Ion:112 Resp: 487073

Ion Ratio Lower Upper

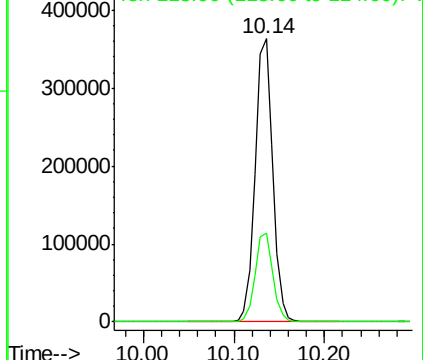
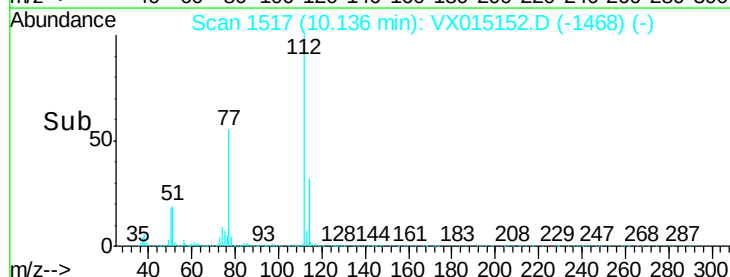
112 100

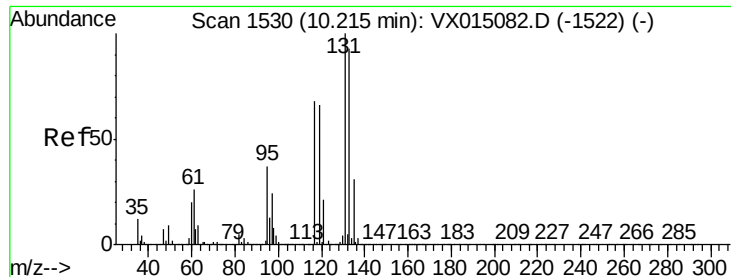
114 31.6 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 50.92 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

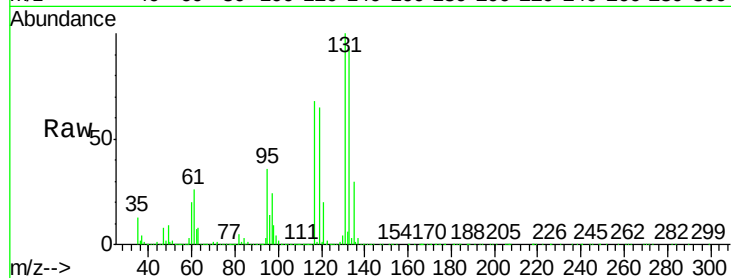
Tgt Ion:131 Resp: 182395

Ion Ratio Lower Upper

131 100

133 94.1 47.5 142.5

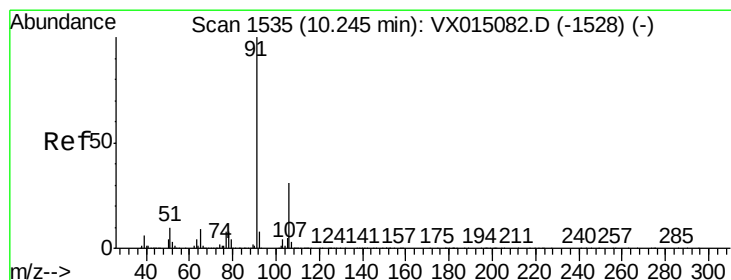
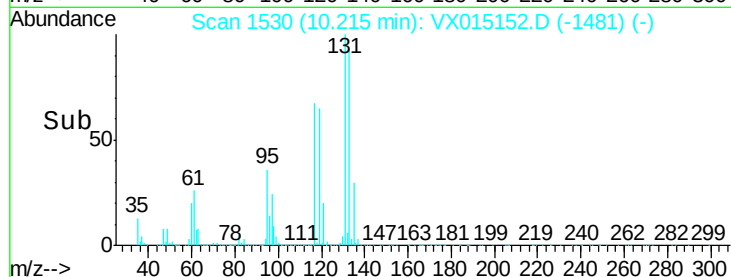
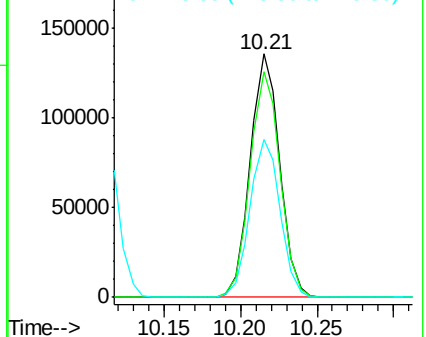
119 65.9 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 53.12 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015152.D

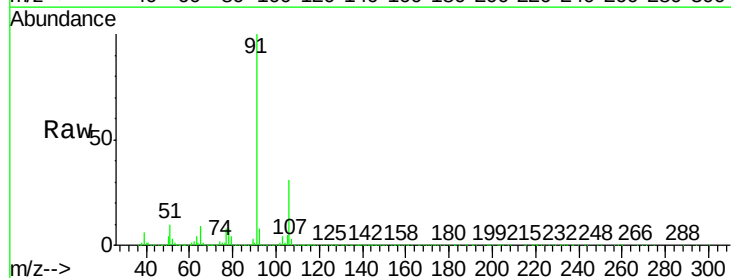
Acq: 09 Mar 2020 18:45

Tgt Ion: 91 Resp: 856932

Ion Ratio Lower Upper

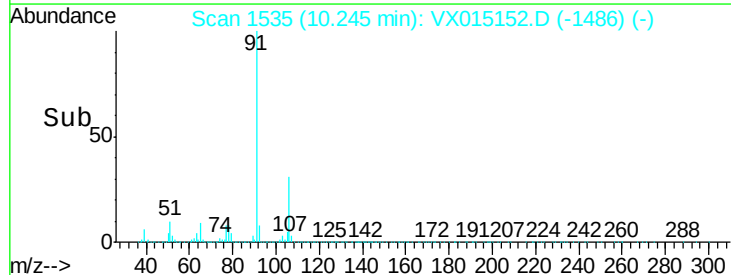
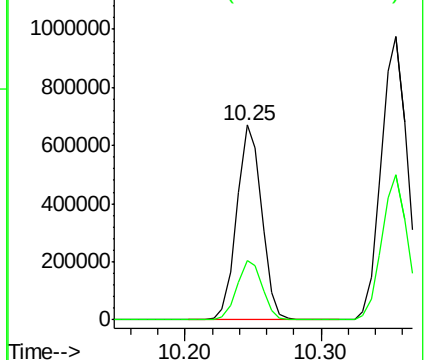
91 100

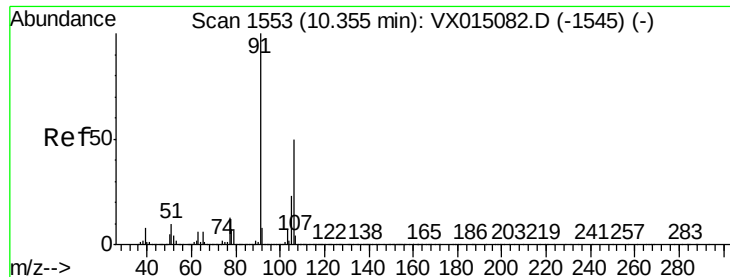
106 30.8 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 106.51 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

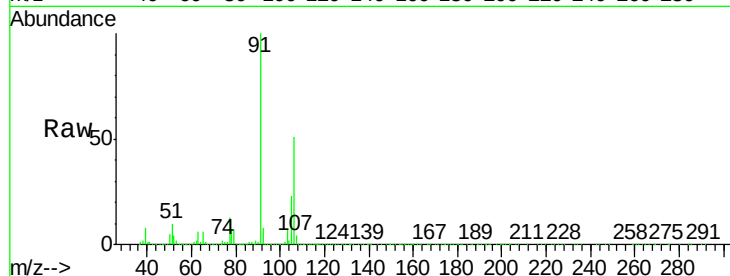
RE132D2-20200305MS

Tgt Ion:106 Resp: 653680

Ion Ratio Lower Upper

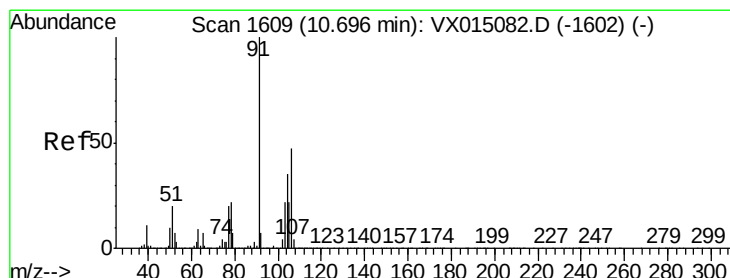
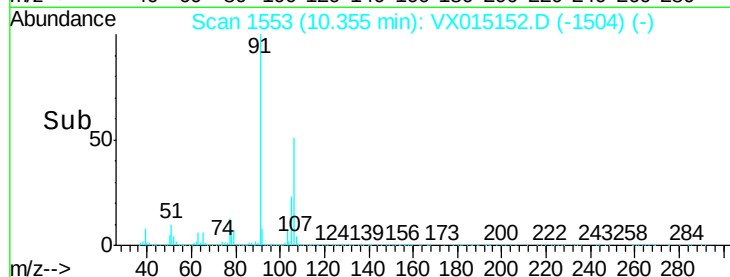
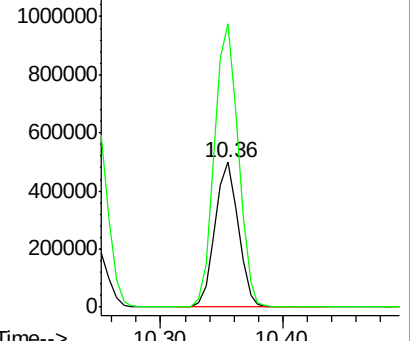
106 100

91 199.8 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 52.98 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX015152.D

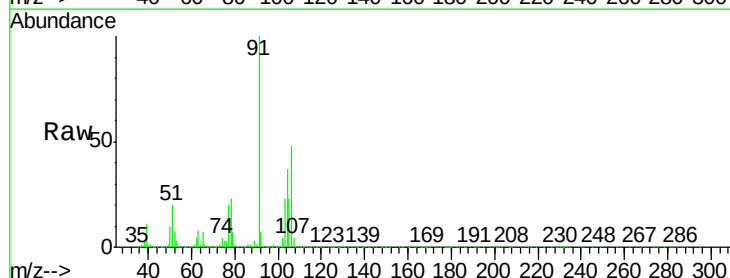
Acq: 09 Mar 2020 18:45

Tgt Ion:106 Resp: 311320

Ion Ratio Lower Upper

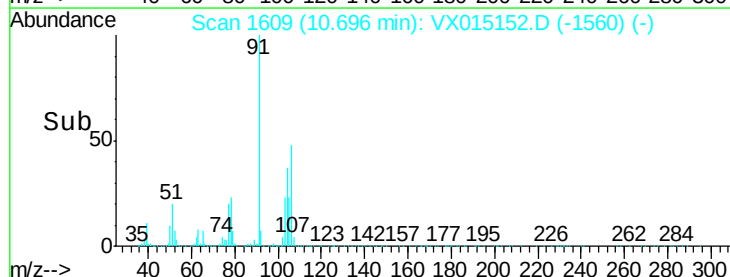
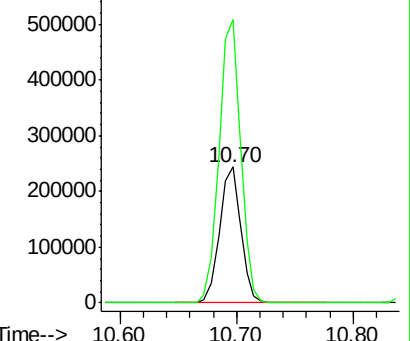
106 100

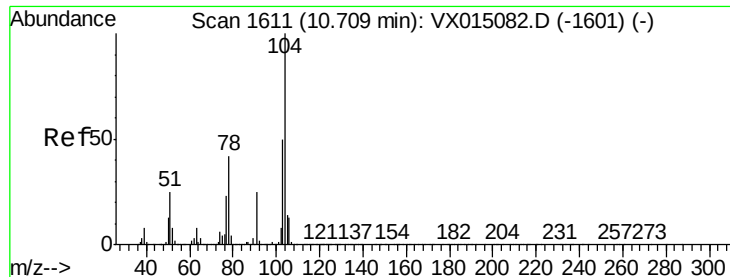
91 211.7 105.4 316.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Styrene

Concen: 53.95 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

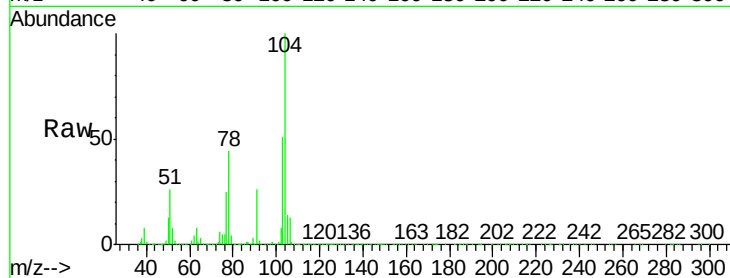
Tgt Ion:104 Resp: 543574

Ion Ratio Lower Upper

104 100

78 49.3 39.0 58.4

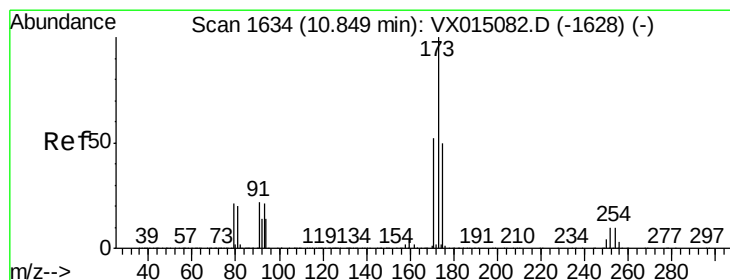
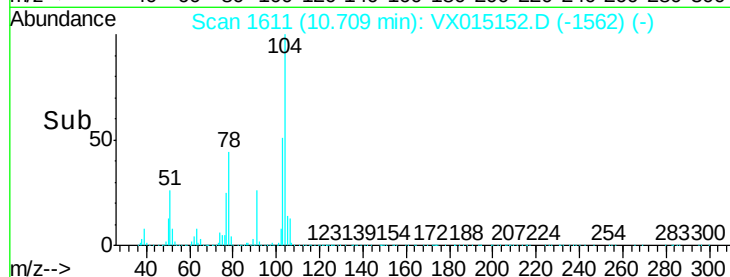
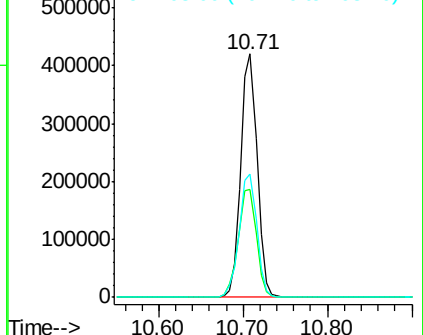
103 54.9 43.7 65.5



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: 53.04 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

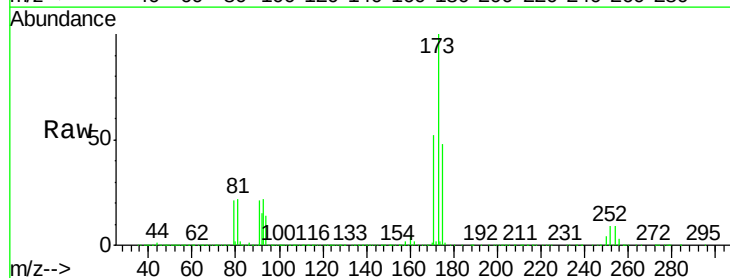
Tgt Ion:173 Resp: 147337

Ion Ratio Lower Upper

173 100

175 48.5 24.9 74.7

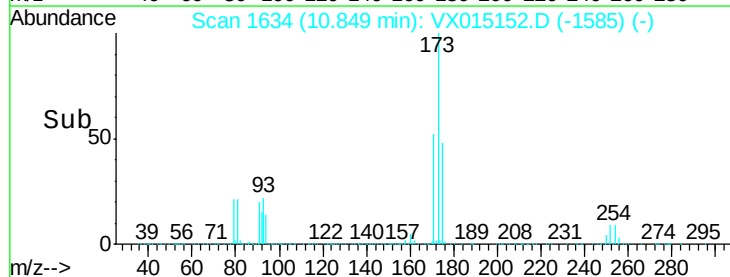
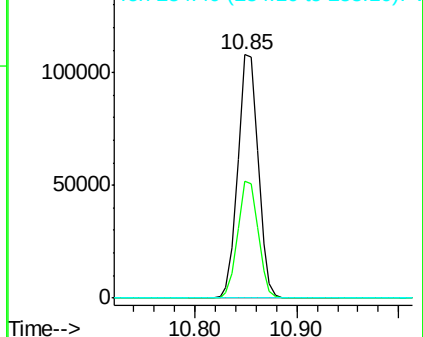
254 0.2 0.2 0.2

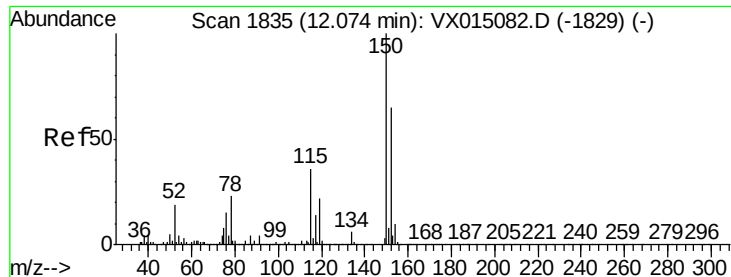


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

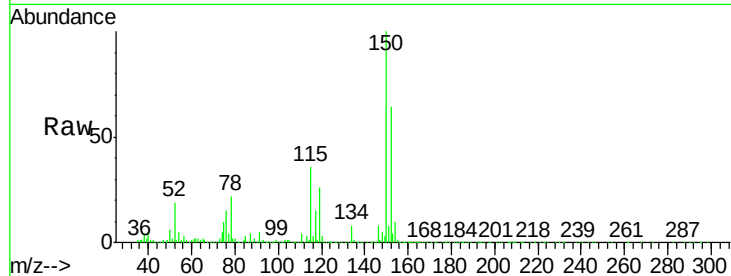
Tgt Ion:152 Resp: 257956

Ion Ratio Lower Upper

152 100

115 77.0 38.2 114.6

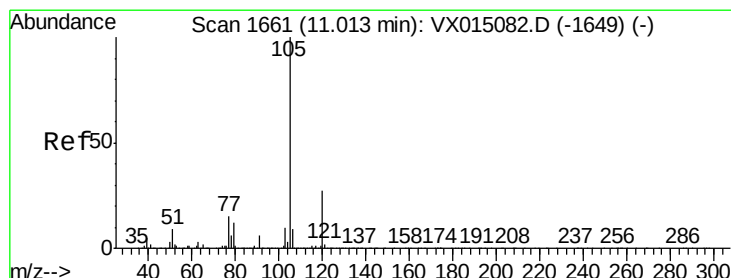
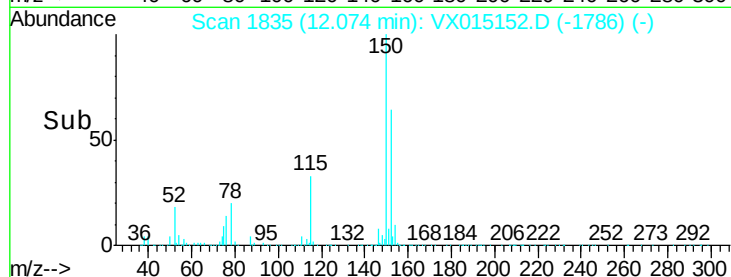
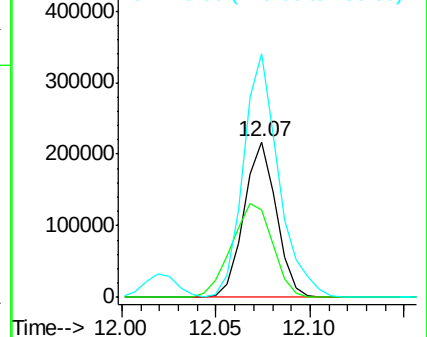
150 171.0 0.0 343.8



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: 50.99 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015152.D

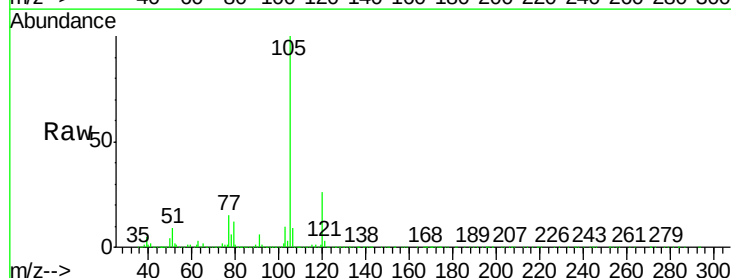
Acq: 09 Mar 2020 18:45

Tgt Ion:105 Resp: 840209

Ion Ratio Lower Upper

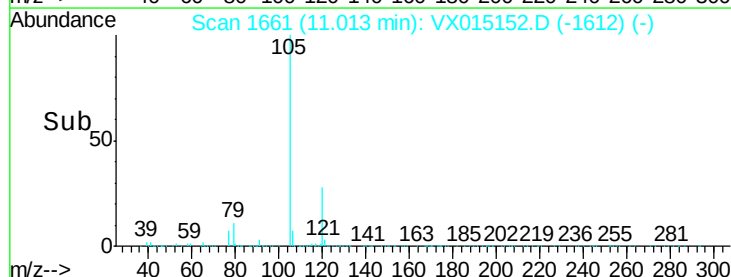
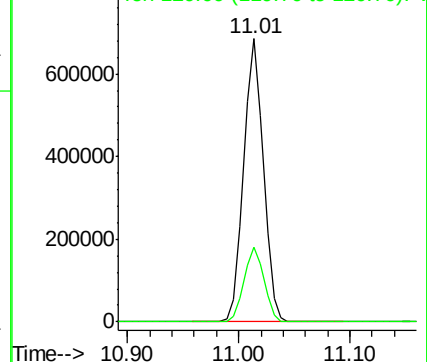
105 100

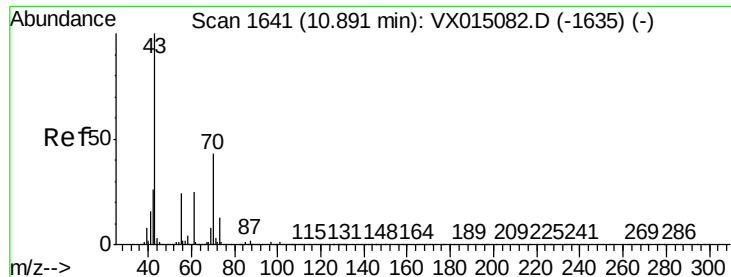
120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 48.77 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

Tgt Ion: 43 Resp: 338686

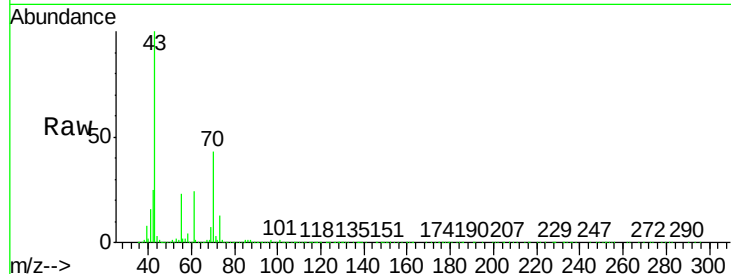
Ion Ratio Lower Upper

43 100

70 42.6 34.7 52.1

55 24.1 19.4 29.0

61 24.0 19.0 28.6

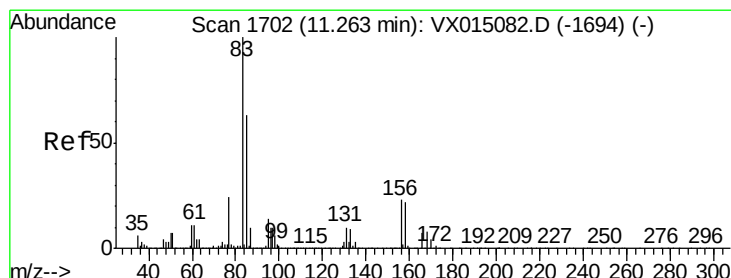
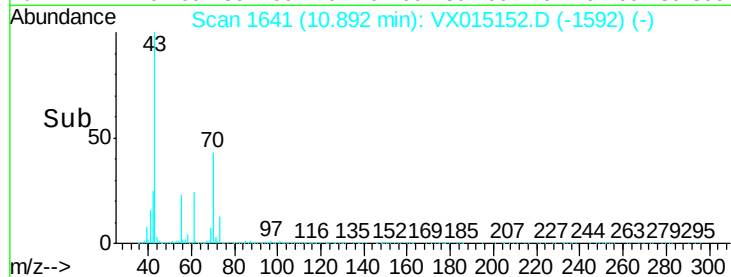
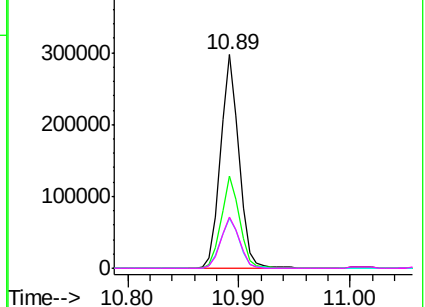


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.48 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

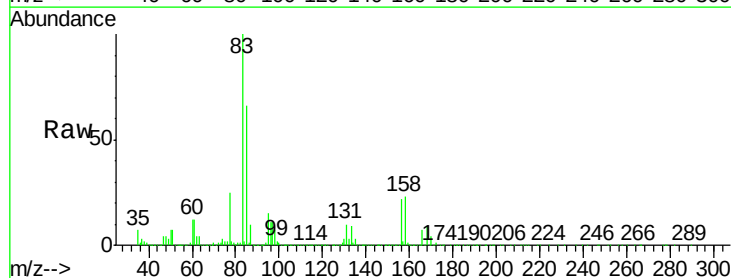
Tgt Ion: 83 Resp: 271731

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

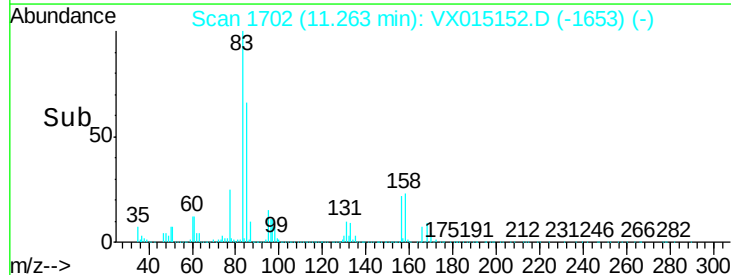
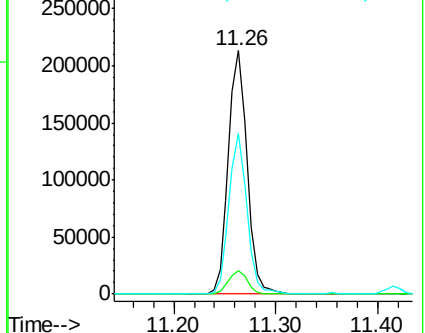
85 63.5 31.9 95.9

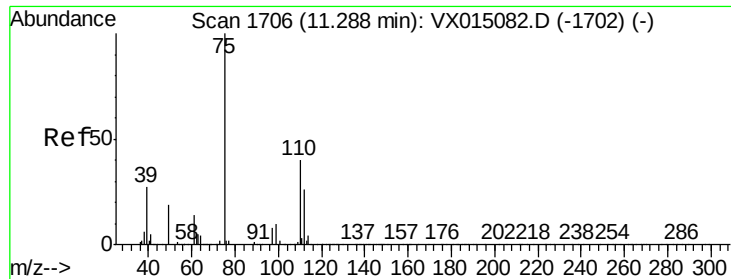


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

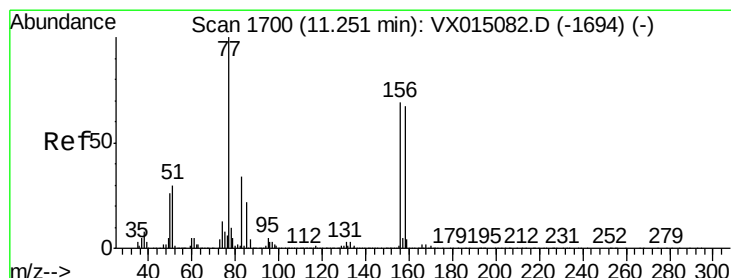
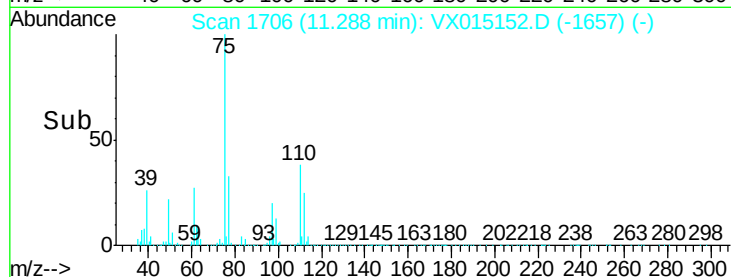
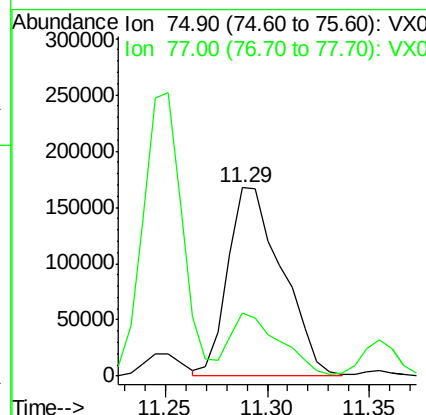
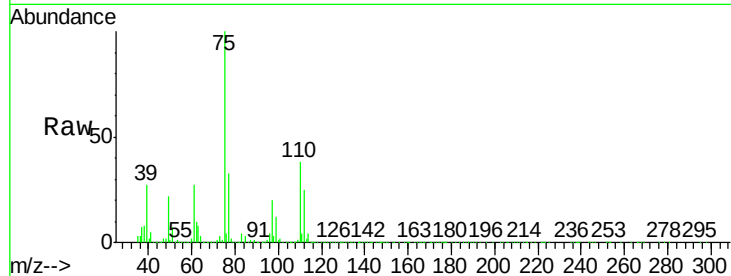




#76
 1,2,3-Trichloropropane
 Concen: 60.05 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

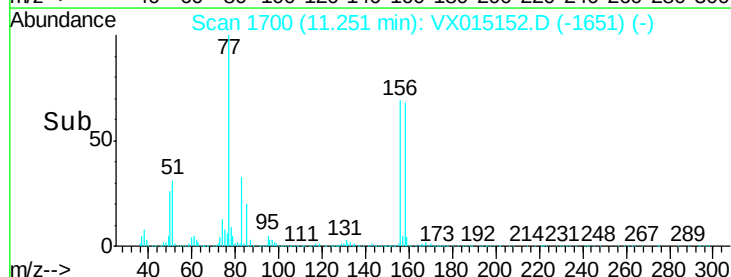
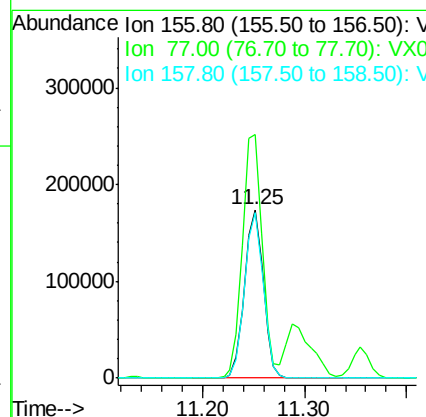
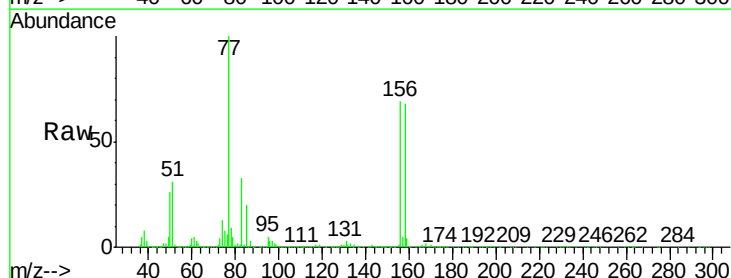
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

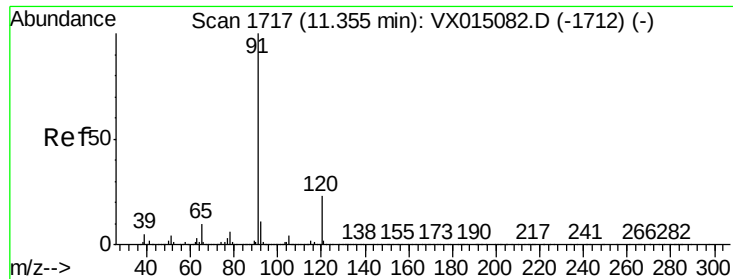
Tgt Ion: 75 Resp: 309004
 Ion Ratio Lower Upper
 75 100
 77 30.2 22.6 67.8



#77
 Bromobenzene
 Concen: 48.00 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Tgt Ion: 156 Resp: 220430
 Ion Ratio Lower Upper
 156 100
 77 153.0 75.3 225.9
 158 98.0 48.5 145.6





#78

n-propylbenzene

Concen: 51.64 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

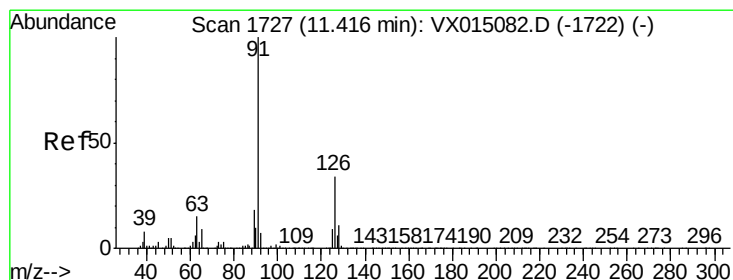
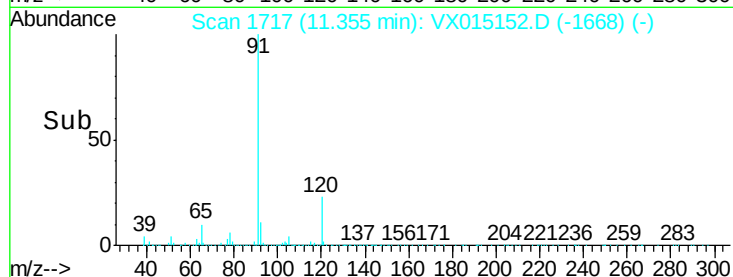
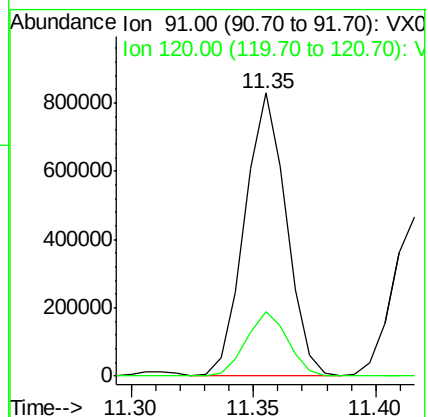
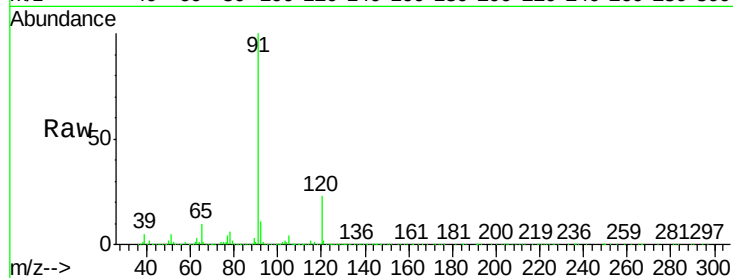
RE132D2-20200305MS

Tgt Ion: 91 Resp: 972184

Ion Ratio Lower Upper

91 100

120 23.1 11.7 35.1



#79

2-Chlorotoluene

Concen: 50.21 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015152.D

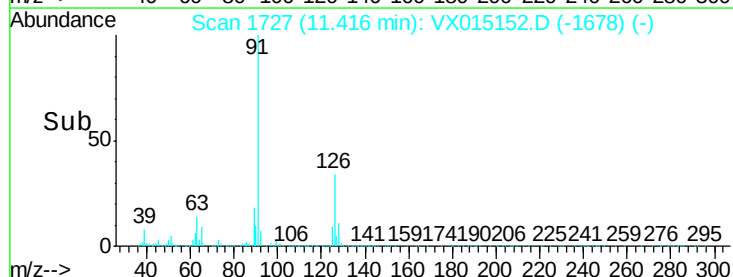
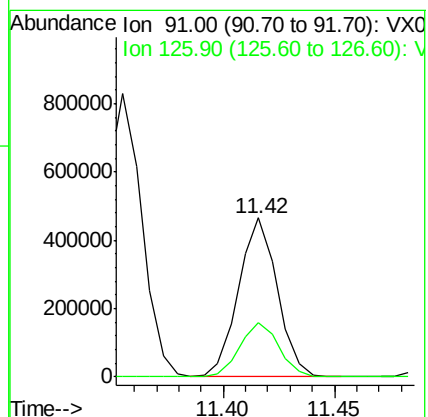
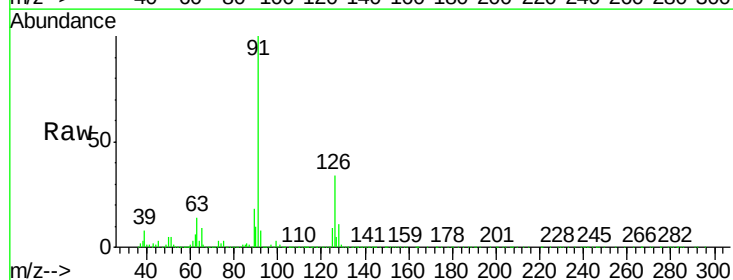
Acq: 09 Mar 2020 18:45

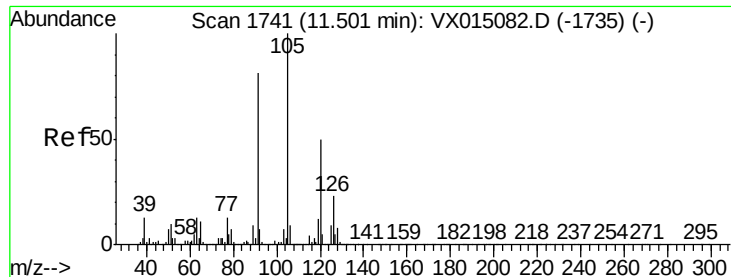
Tgt Ion: 91 Resp: 564450

Ion Ratio Lower Upper

91 100

126 34.8 17.3 52.0

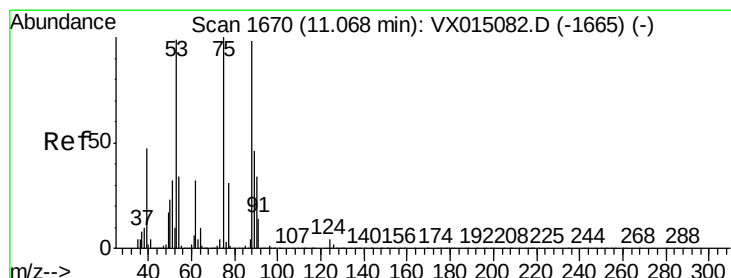
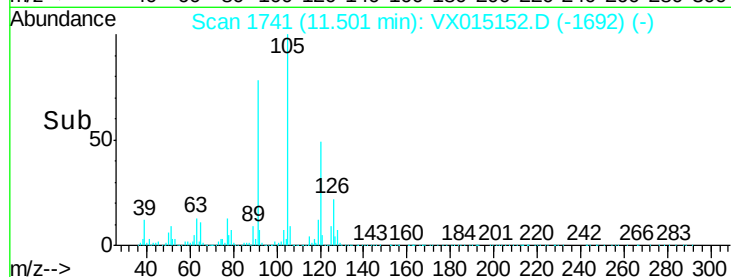
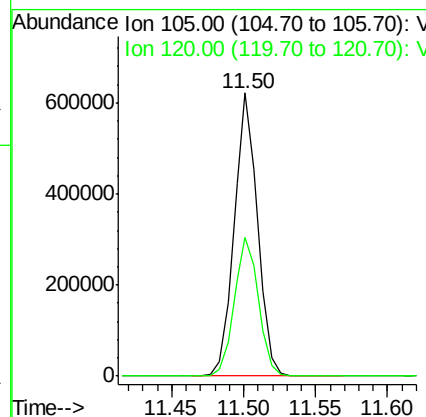
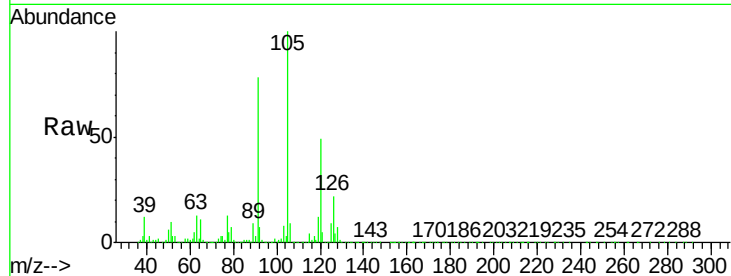




#80
 1,3,5-Trimethylbenzene
 Concen: 51.56 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

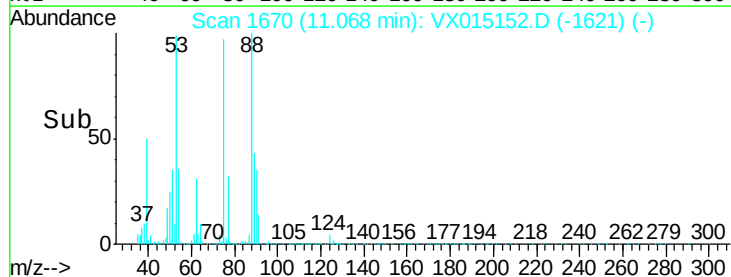
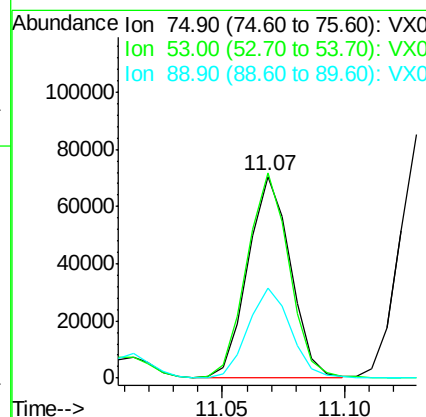
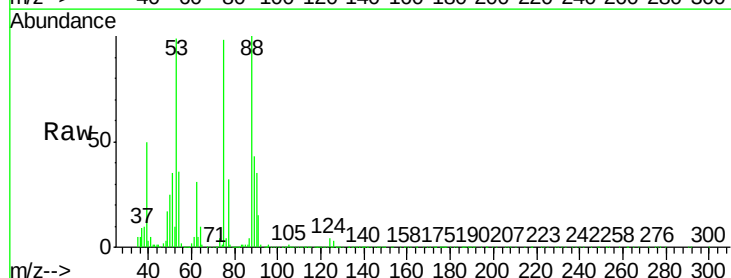
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

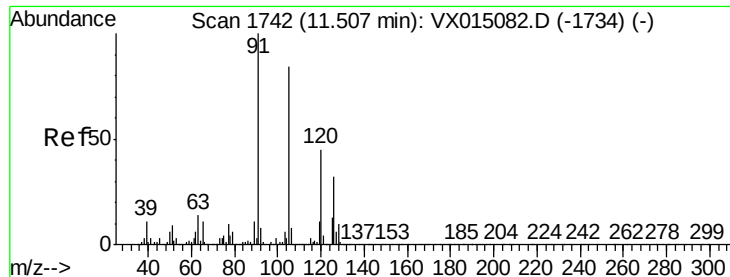
Tgt Ion: 105 Resp: 707311
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.1 75.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.94 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Tgt Ion: 75 Resp: 85104
 Ion Ratio Lower Upper
 75 100
 53 101.2 77.9 116.9
 89 45.0 36.2 54.2

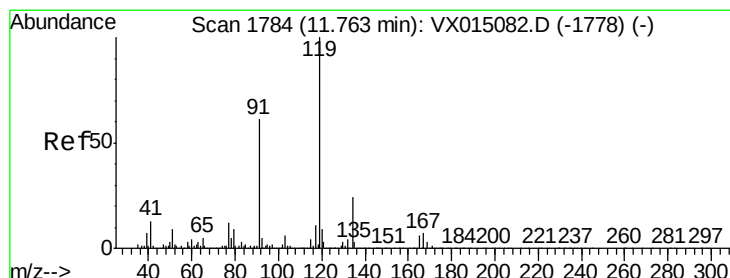
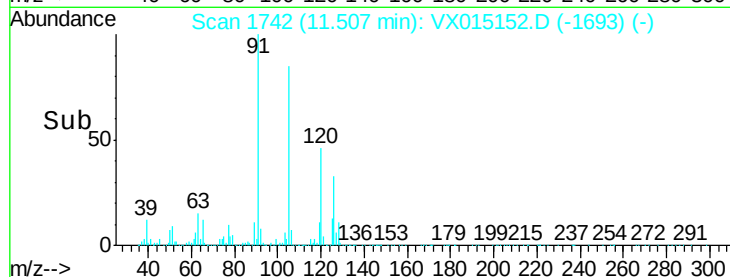
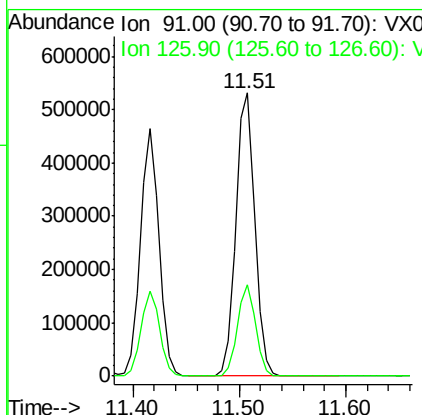
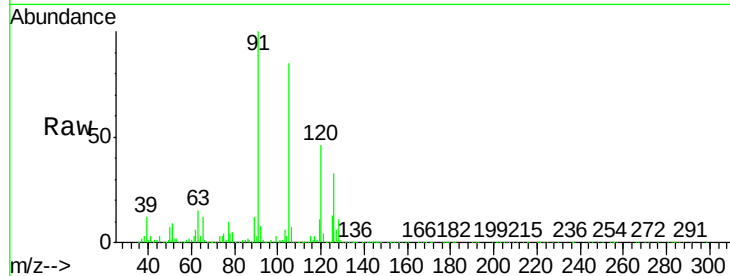




#82
4-Chlorotoluene
Concen: 50.14 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

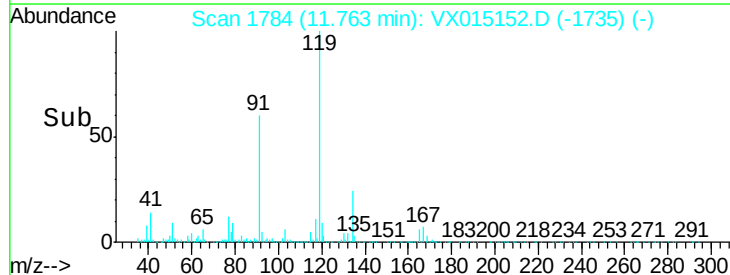
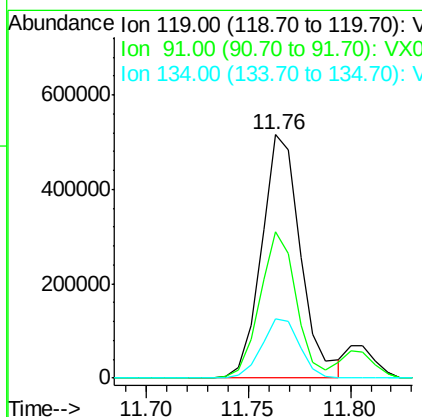
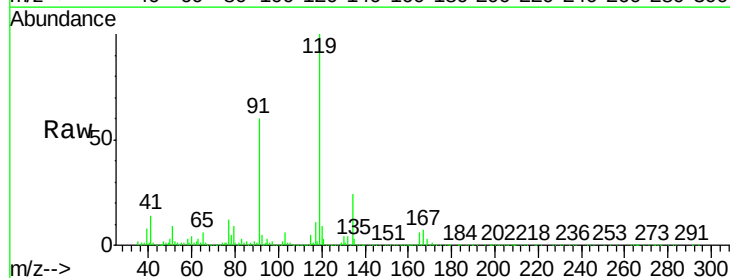
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

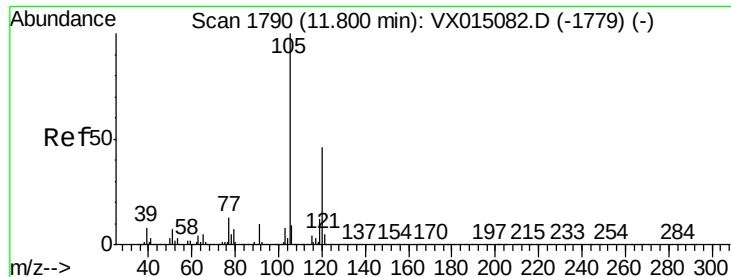
Tgt Ion: 91 Resp: 666056
Ion Ratio Lower Upper
91 100
126 31.1 15.4 46.2



#83
tert-Butylbenzene
Concen: 51.75 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion: 119 Resp: 686447
Ion Ratio Lower Upper
119 100
91 55.6 28.5 85.6
134 23.7 11.9 35.7

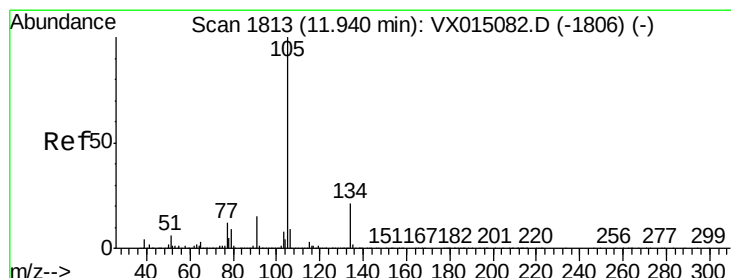
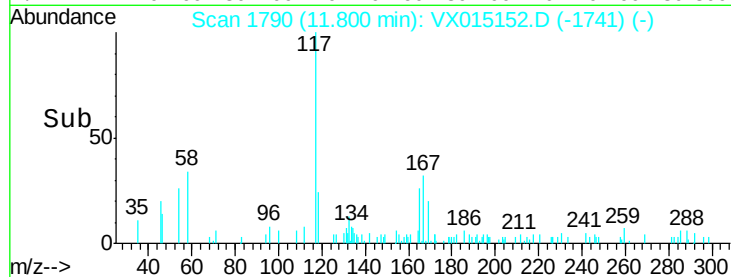
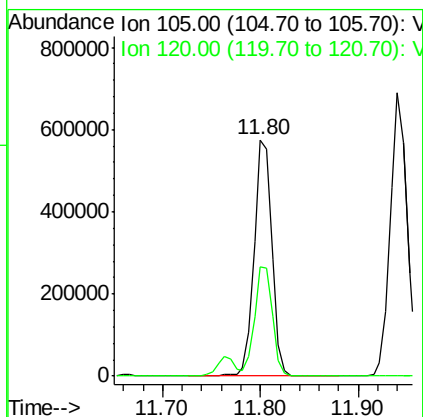
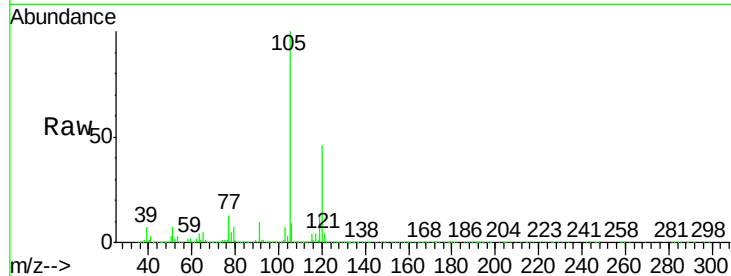




#84
 1,2,4-Trimethylbenzene
 Concen: 52.39 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

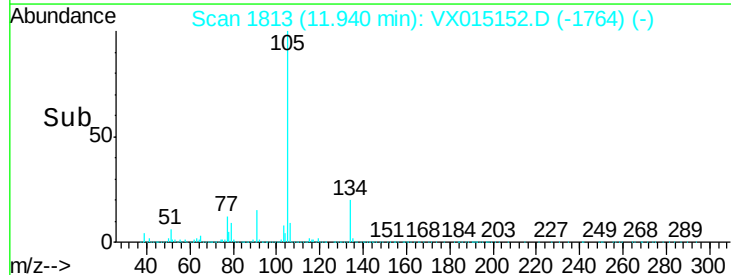
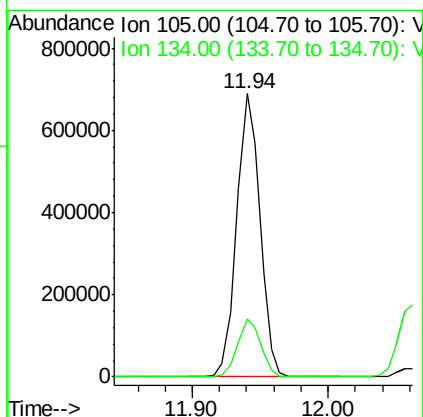
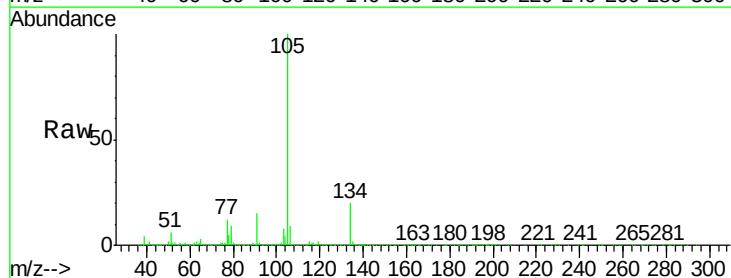
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

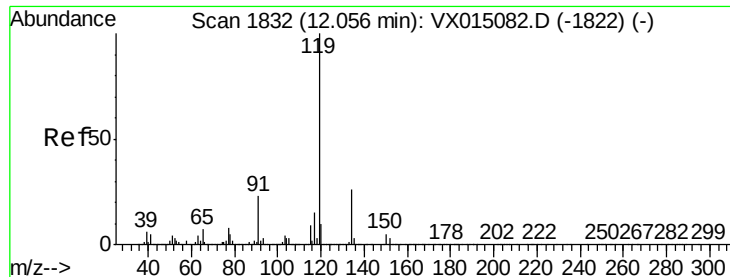
Tgt Ion:105 Resp: 721960
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.5



#85
 sec-Butylbenzene
 Concen: 51.17 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Tgt Ion:105 Resp: 819354
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2

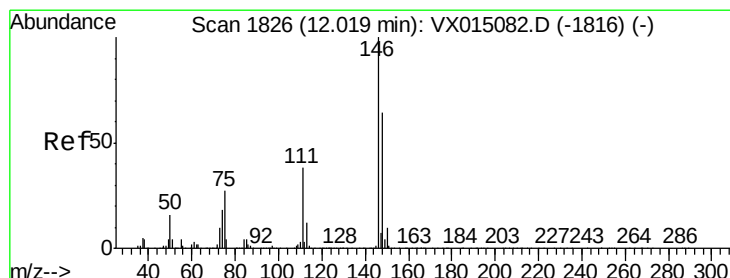
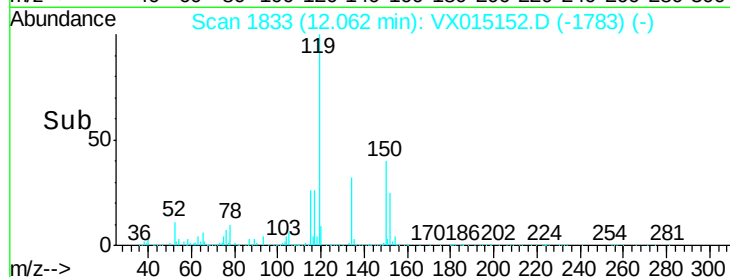
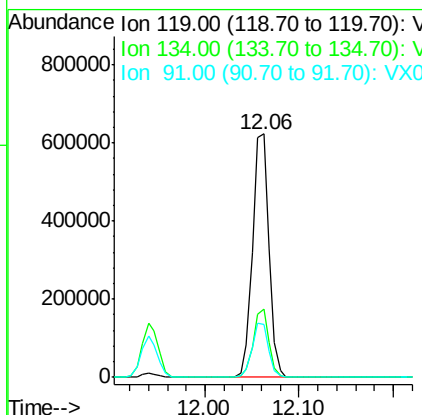
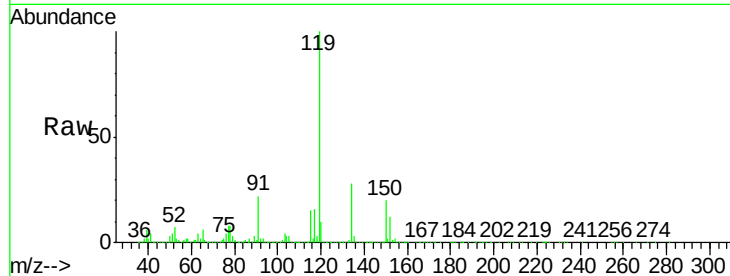




#86
 p-Isopropyltoluene
 Concen: 51.95 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

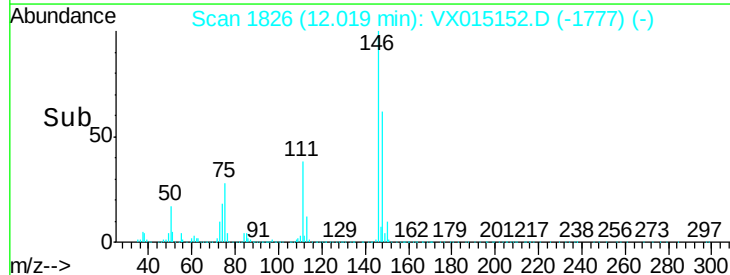
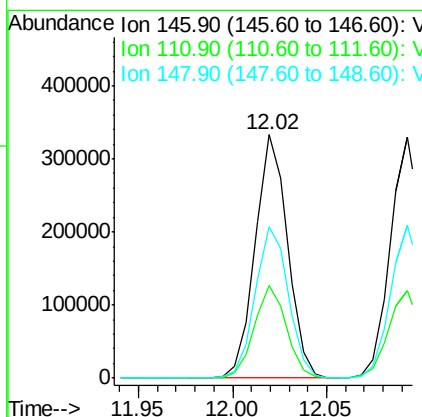
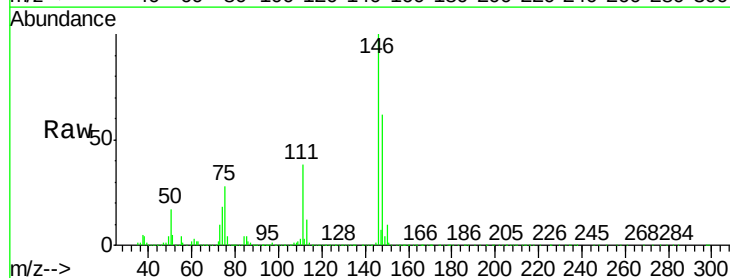
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

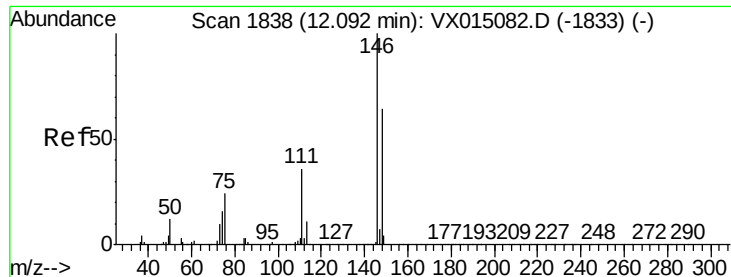
Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.4	40.1
91	22.2	11.3	33.8



#87
 1,3-Dichlorobenzene
 Concen: 49.17 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.1
148	63.7	31.9	95.5

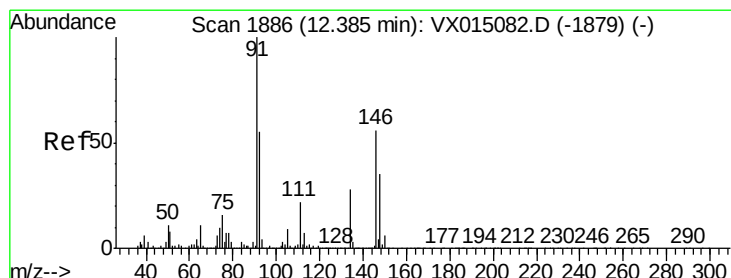
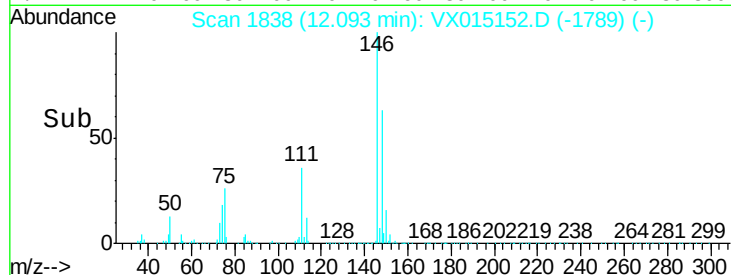
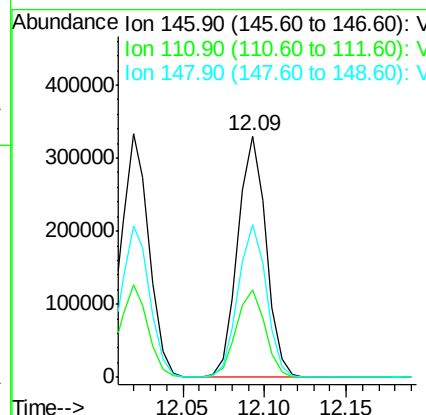
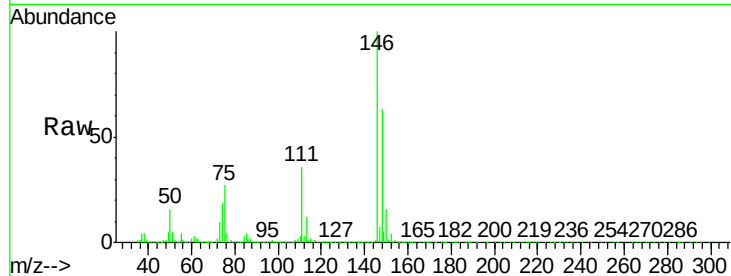




#88
 1,4-Dichlorobenzene
 Concen: 47.89 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

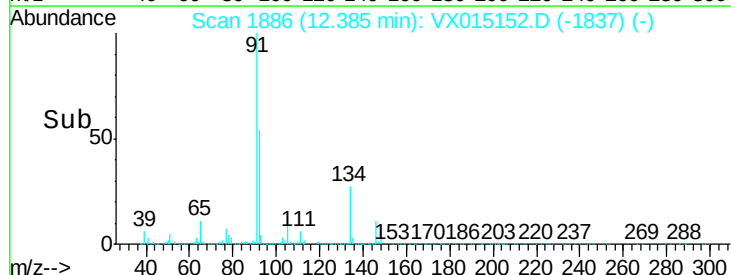
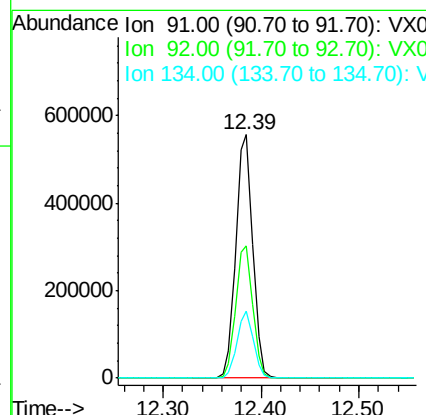
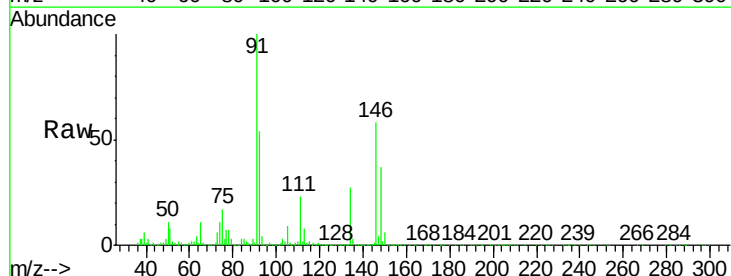
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

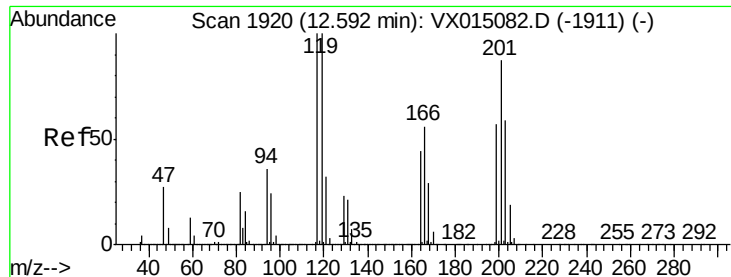
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.7	56.1
148	63.6	32.5	97.4



#89
 n-Butylbenzene
 Concen: 50.96 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.2	81.6
134	26.7	13.5	40.5





#90

Hexachloroethane

Concen: 47.95 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

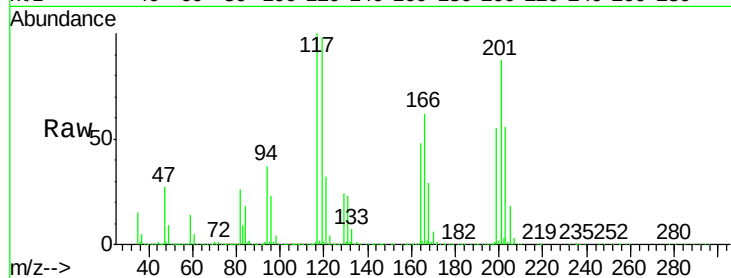
RE132D2-20200305MS

Tgt Ion:117 Resp: 133728

Ion Ratio Lower Upper

117 100

201 85.3 43.5 130.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

120000

100000

80000

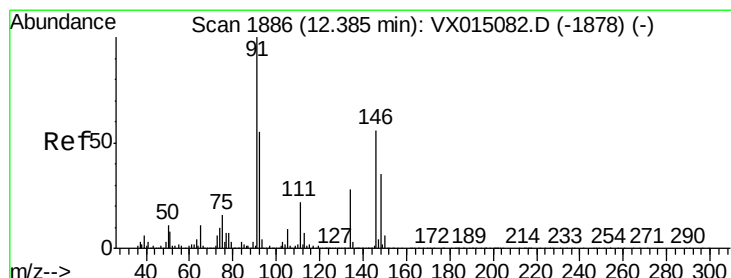
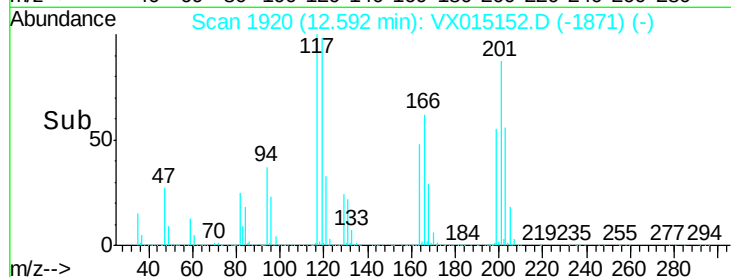
60000

40000

20000

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 48.72 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

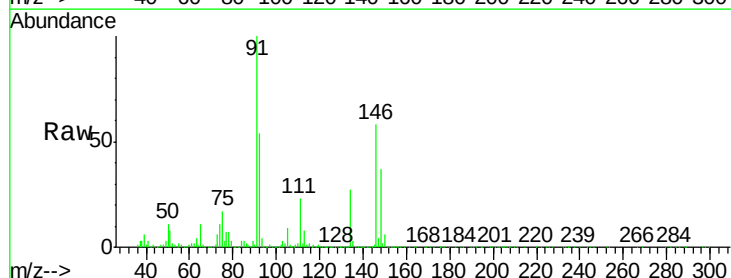
Tgt Ion:146 Resp: 391077

Ion Ratio Lower Upper

146 100

111 40.0 19.9 59.7

148 64.9 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

400000

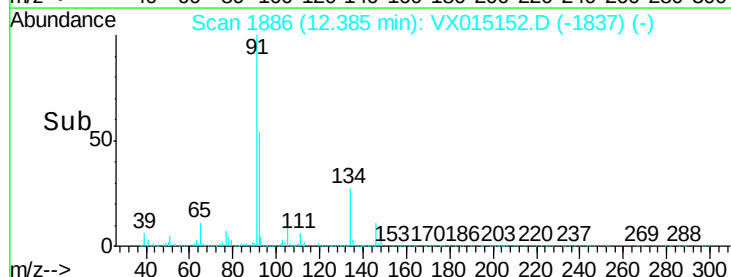
300000

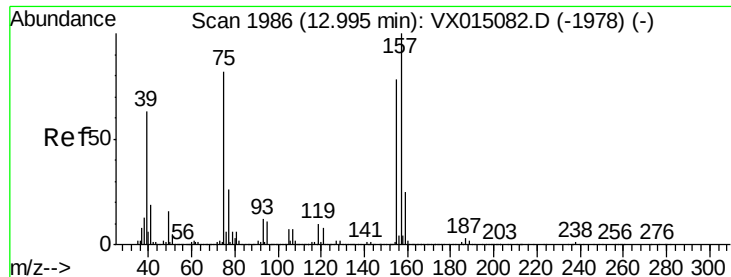
200000

100000

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.63 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

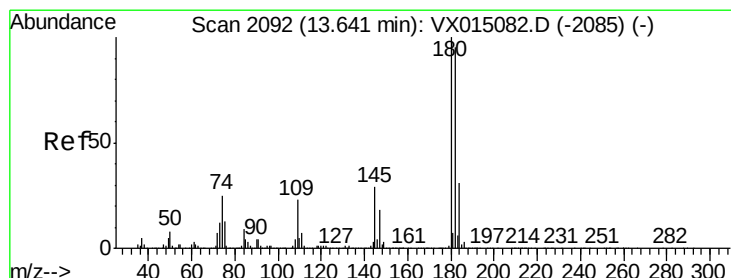
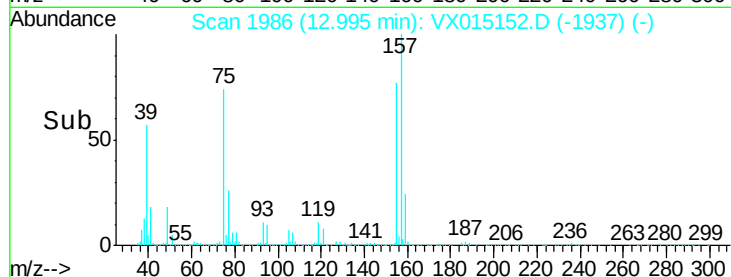
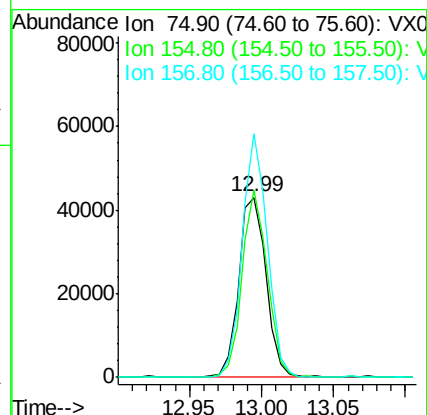
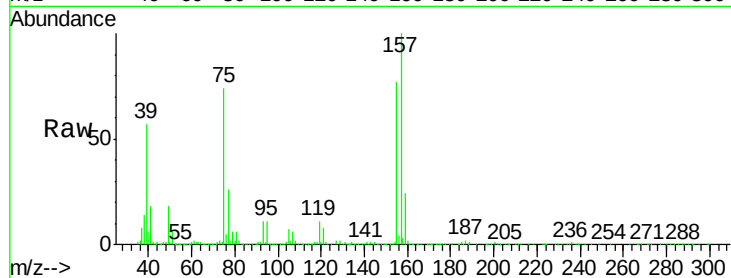
Tgt Ion: 75 Resp: 56779

Ion Ratio Lower Upper

75 100

155 96.4 46.6 139.7

157 124.6 59.2 177.5



#93

1,2,4-Trichlorobenzene

Concen: 50.13 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

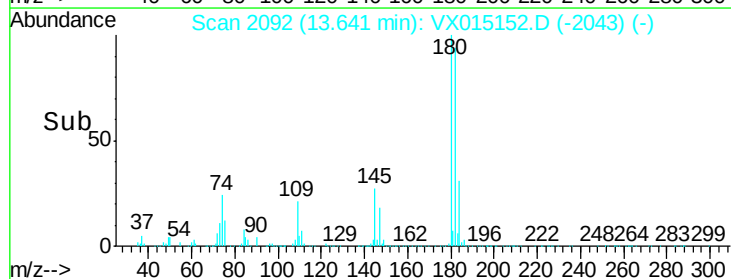
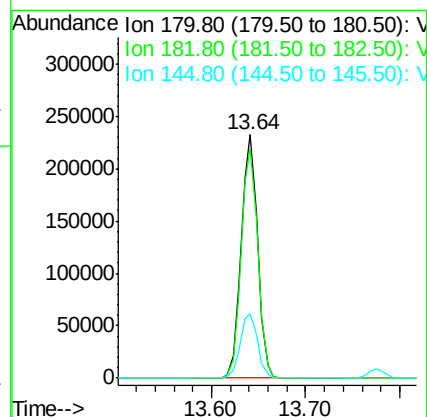
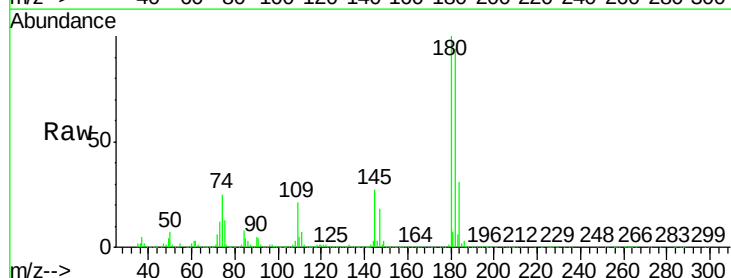
Tgt Ion: 180 Resp: 279289

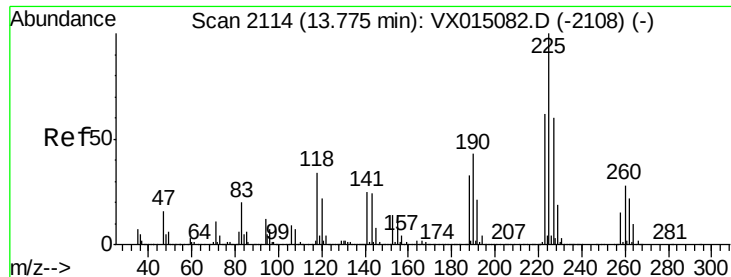
Ion Ratio Lower Upper

180 100

182 95.5 47.6 142.8

145 27.9 14.1 42.2





#94

Hexachlorobutadiene

Concen: 44.94 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

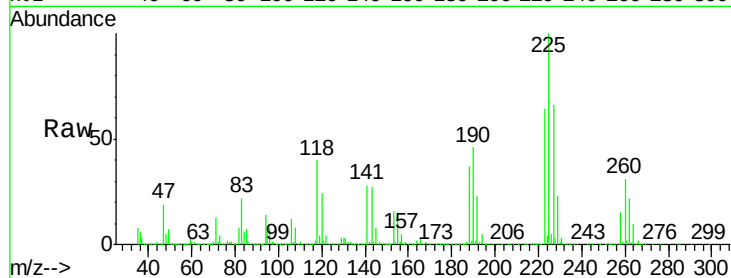
Tgt Ion:225 Resp: 128468

Ion Ratio Lower Upper

225 100

223 63.1 31.3 93.9

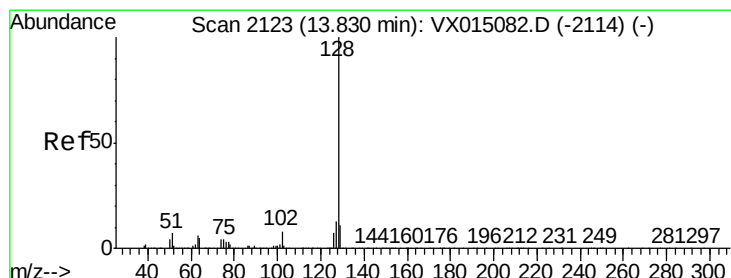
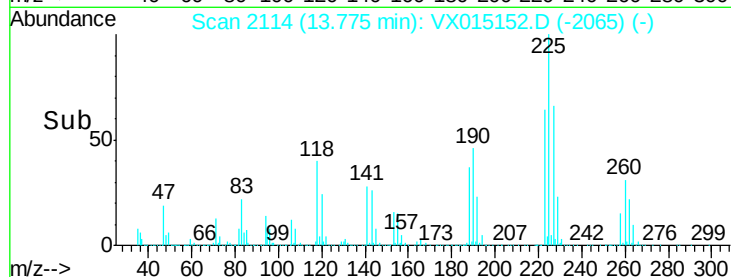
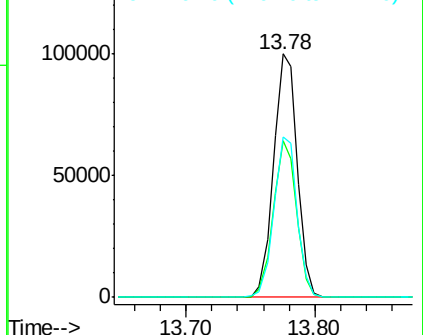
227 64.9 31.1 93.2



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 48.39 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

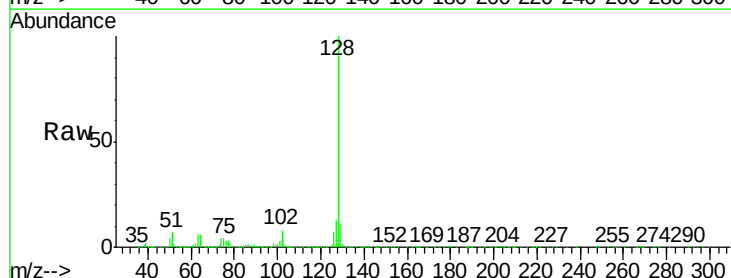
Tgt Ion:128 Resp: 825477

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

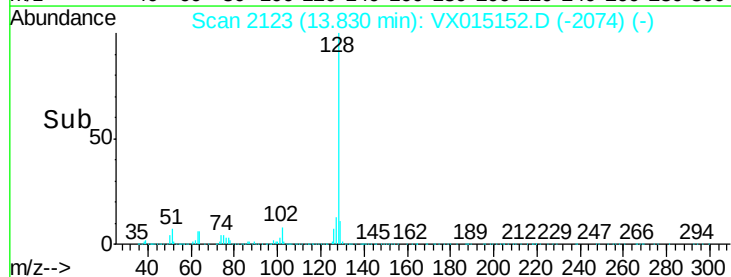
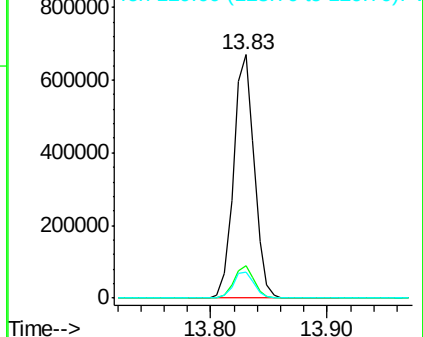
129 10.9 8.6 13.0

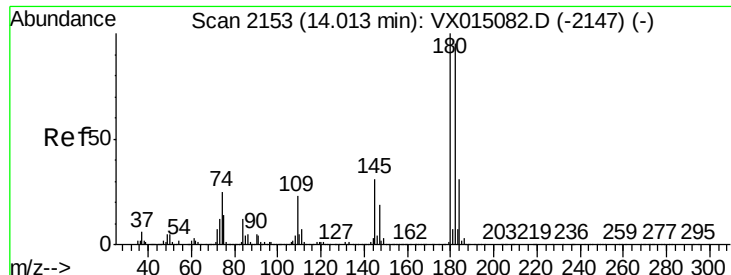


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 50.79 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.8	143.4
145	30.3	15.1	45.3

