

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030920\
 Data File : VX015153.D
 Acq On : 09 Mar 2020 19:07
 Operator : JC/SP
 Sample : L1842-16MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MSD

Quant Time: Mar 10 11:24:03 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	349699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	535402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	507120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	268535	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	198678	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
35) Dibromofluoromethane	5.49	113	167043	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	8.71	98	632637	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.13	95	228611	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	153633	50.17	ug/l	99
3) Chloromethane	1.32	50	207328	47.80	ug/l	99
4) Vinyl Chloride	1.40	62	206058	46.85	ug/l	98
5) Bromomethane	1.63	94	123194	45.56	ug/l	100
6) Chloroethane	1.72	64	123133	46.67	ug/l	97
7) Trichlorofluoromethane	1.92	101	242141	46.27	ug/l	100
8) Diethyl Ether	2.18	74	110186	46.48	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	164399	49.93	ug/l	99
10) Methyl Iodide	2.50	142	165354	44.45	ug/l	99
11) Tert butyl alcohol	3.03	59	188857	262.37	ug/l	99
12) 1,1-Dichloroethene	2.37	96	157806	46.44	ug/l	97
13) Acrolein	2.28	56	170822	252.53	ug/l	99
14) Allyl chloride	2.72	41	290729	49.06	ug/l	99
15) Acrylonitrile	3.13	53	473121	263.93	ug/l	100
16) Acetone	2.43	43	380220	226.30	ug/l	99
17) Carbon Disulfide	2.56	76	458674	48.60	ug/l	100
18) Methyl Acetate	2.76	43	192220	46.79	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	547102	51.52	ug/l	99
20) Methylene Chloride	2.85	84	187638	47.72	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	179840	49.56	ug/l	96
22) Diisopropyl ether	3.84	45	610162	51.69	ug/l	96
23) Vinyl Acetate	3.81	43	2427498	250.15	ug/l	99
24) 1,1-Dichloroethane	3.69	63	329417	50.28	ug/l	99
25) 2-Butanone	4.66	43	638838	259.72	ug/l	99
26) 2,2-Dichloropropane	4.57	77	221942	42.67	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	203389	49.96	ug/l	99
28) Bromochloromethane	5.00	49	149368	50.06	ug/l	99
29) Tetrahydrofuran	5.12	42	416978	262.98	ug/l	99
30) Chloroform	5.20	83	317449	49.71	ug/l	99
31) Cyclohexane	5.57	56	285241	48.81	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	270566	51.11	ug/l	98
36) 1,1-Dichloropropene	5.79	75	236571	47.80	ug/l	100
37) Ethyl Acetate	4.82	43	235200	51.23	ug/l	99
38) Carbon Tetrachloride	5.78	117	231953	49.65	ug/l	99

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Quant Time: Mar 10 11:24:03 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)
39) Methylcyclohexane	7.46	83	285358	49.37	ug/l	97
40) Benzene	6.14	78	727388	49.53	ug/l	98
41) Methacrylonitrile	5.03	41	140101	50.80	ug/l	99
42) 1,2-Dichloroethane	6.19	62	259840	51.53	ug/l	97
43) Isopropyl Acetate	6.44	43	401861	49.75	ug/l	99
44) Trichloroethene	7.21	130	214166	52.37	ug/l	97
45) 1,2-Dichloropropane	7.51	63	188814	49.68	ug/l	99
46) Dibromomethane	7.65	93	124065	50.09	ug/l	99
47) Bromodichloromethane	7.89	83	251056	51.26	ug/l	100
48) Methyl methacrylate	7.76	41	208520	50.72	ug/l	99
49) 1,4-Dioxane	7.73	88	91751	1032.29	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1293096	270.78	ug/l	100
52) Toluene	8.78	92	457854	50.99	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	271733	52.13	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	291430	49.45	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	190796	51.63	ug/l	97
56) Ethyl methacrylate	9.17	69	289652	54.95	ug/l	99
57) 1,3-Dichloropropane	9.37	76	316901	50.97	ug/l	99
59) 2-Hexanone	9.48	43	980987	277.15	ug/l	100
60) Dibromochloromethane	9.57	129	201416	51.88	ug/l	100
61) 1,2-Dibromoethane	9.67	107	195966	50.48	ug/l	100
64) Tetrachloroethene	9.33	164	196064	46.76	ug/l	97
65) Chlorobenzene	10.14	112	496377	48.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	187061	48.73	ug/l	99
67) Ethyl Benzene	10.25	91	881508	50.99	ug/l	100
68) m/p-Xylenes	10.36	106	672434	102.23	ug/l	100
69) o-Xylene	10.70	106	318442	50.56	ug/l	98
70) Styrene	10.71	104	560102	51.87	ug/l	100
71) Bromoform	10.85	173	154536	51.91	ug/l	97
73) Isopropylbenzene	11.01	105	857012	49.96	ug/l	100
74) N-amyl acetate	10.89	43	343093	47.46	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	277149	48.48	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	316404	59.07	ug/l	78
77) Bromobenzene	11.25	156	225906	47.25	ug/l	98
78) n-propylbenzene	11.35	91	990251	50.53	ug/l	100
79) 2-Chlorotoluene	11.42	91	582779	49.79	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	727540	50.95	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	88815	47.06	ug/l	99
82) 4-Chlorotoluene	11.51	91	685508	49.58	ug/l	100
83) tert-Butylbenzene	11.76	119	700003	50.70	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	723765	50.45	ug/l	100
85) sec-Butylbenzene	11.94	105	845929	50.75	ug/l	99
86) p-Isopropyltoluene	12.06	119	777788	50.65	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	410237	48.81	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	411177	47.39	ug/l	99
89) n-Butylbenzene	12.39	91	688860	50.43	ug/l	100
90) Hexachloroethane	12.59	117	138246	47.62	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	403570	48.30	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	60360	52.73	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	287887	49.64	ug/l	99

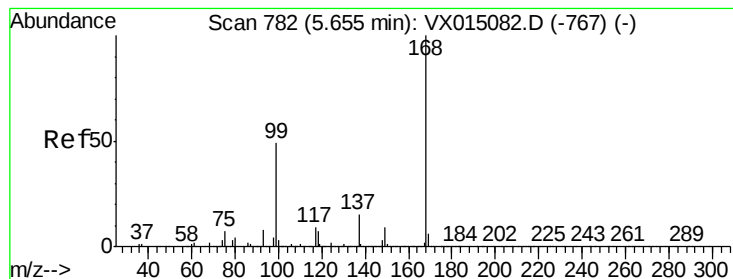
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030920\
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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	132944	44.67	ug/l	99
95) Naphthalene	13.83	128	837177	47.18	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	287713	49.72	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

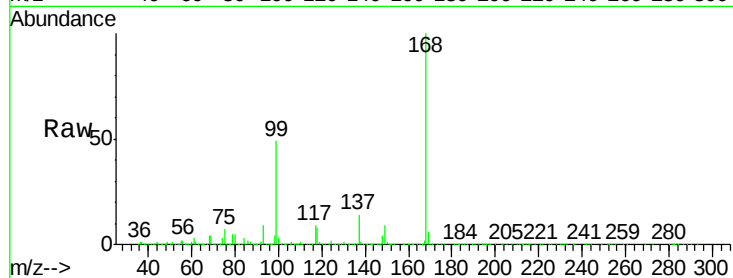
RE132D2-20200305MSD

Tgt Ion:168 Resp: 349699

Ion Ratio Lower Upper

168 100

99 49.0 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

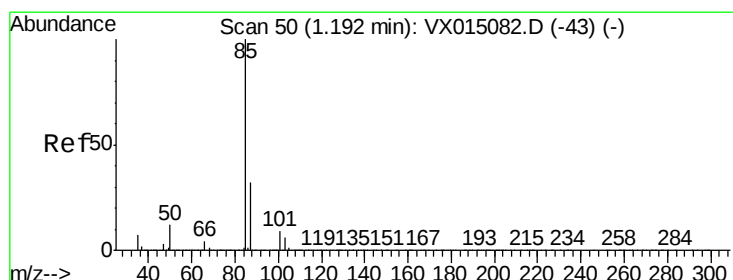
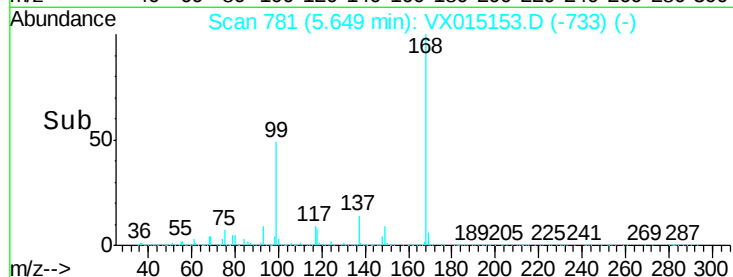
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.17 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015153.D

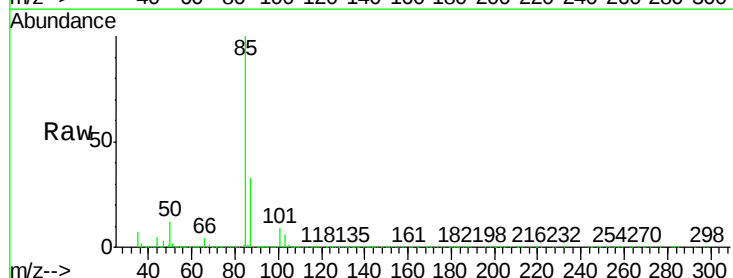
Acq: 09 Mar 2020 19:07

Tgt Ion: 85 Resp: 153633

Ion Ratio Lower Upper

85 100

87 32.8 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

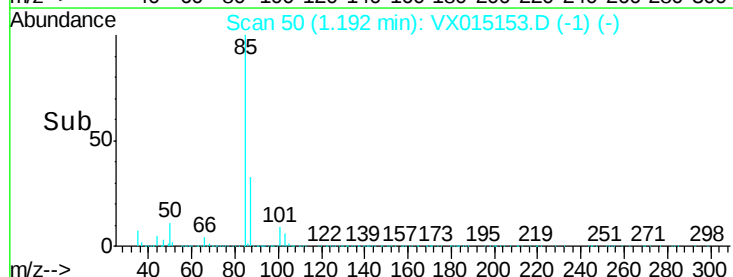
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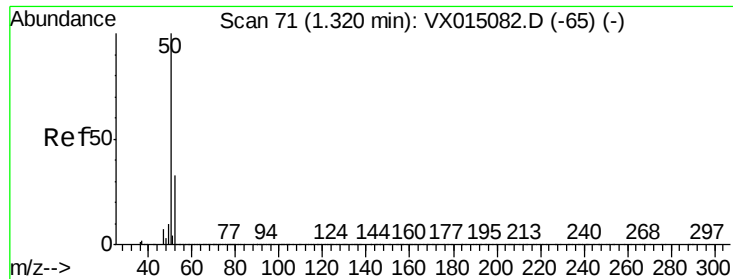
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Time-->

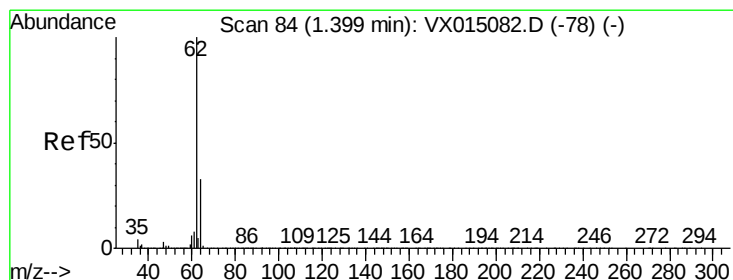
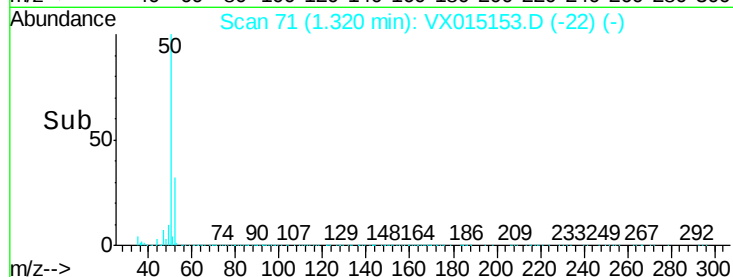
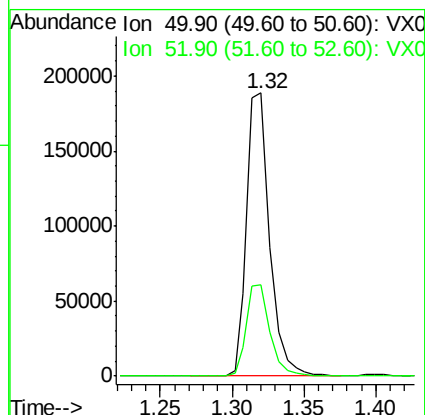
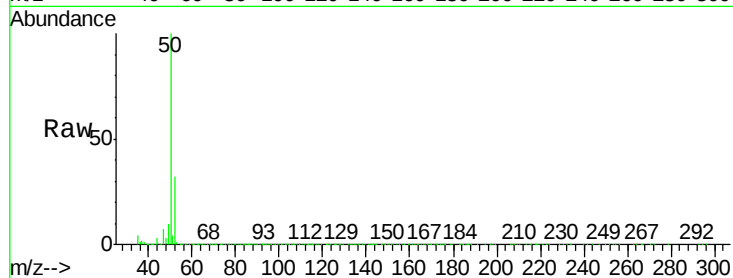




#3
Chloromethane
Concen: 47.80 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

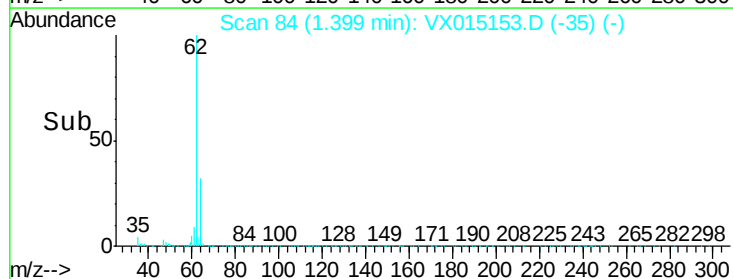
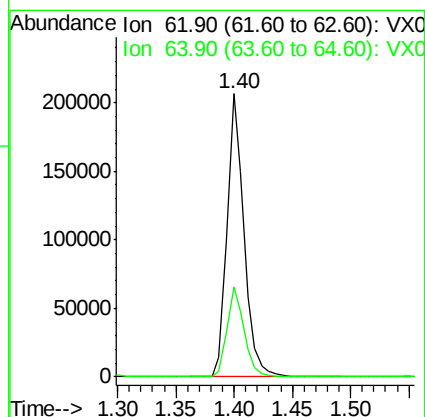
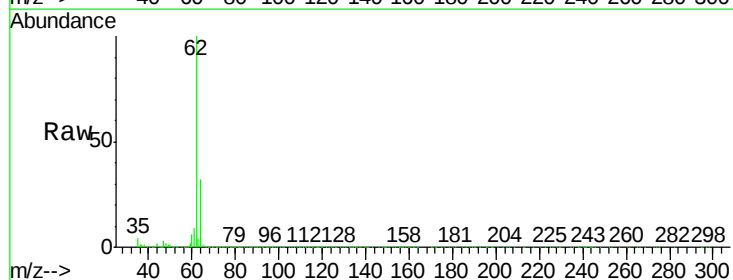
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MSD

Tgt Ion: 50 Resp: 207328
Ion Ratio Lower Upper
50 100
52 32.2 26.2 39.2



#4
Vinyl Chloride
Concen: 46.85 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

Tgt Ion: 62 Resp: 206058
Ion Ratio Lower Upper
62 100
64 31.6 26.1 39.1





#5

Bromomethane

Concen: 45.56 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

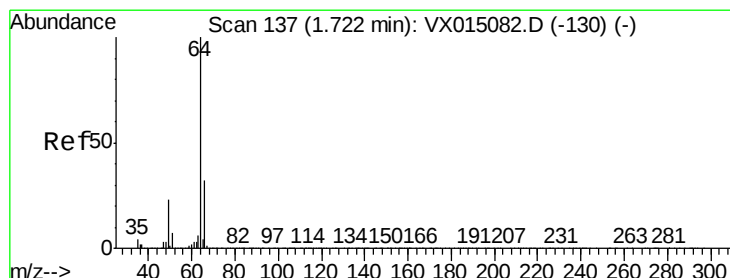
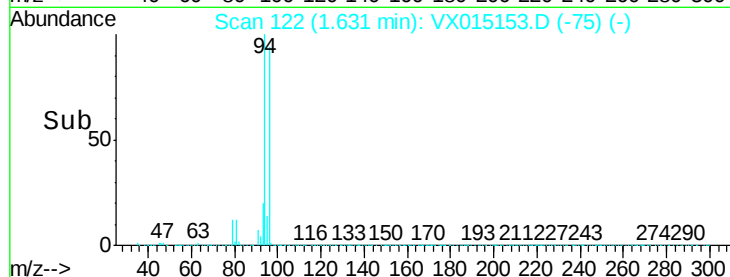
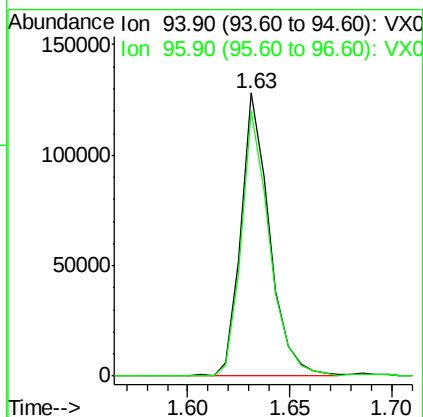
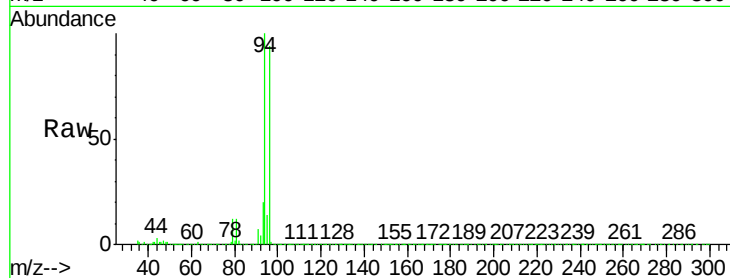
RE132D2-20200305MSD

Tgt Ion: 94 Resp: 123194

Ion Ratio Lower Upper

94 100

96 93.5 74.6 111.8



#6

Chloroethane

Concen: 46.67 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015153.D

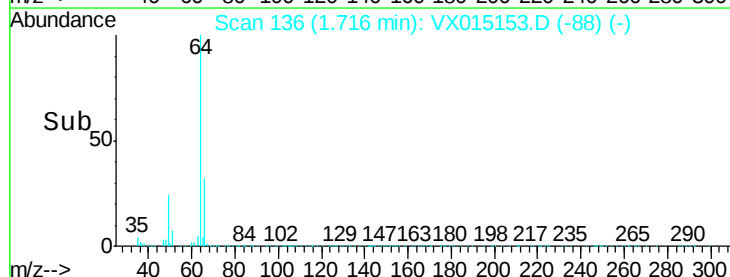
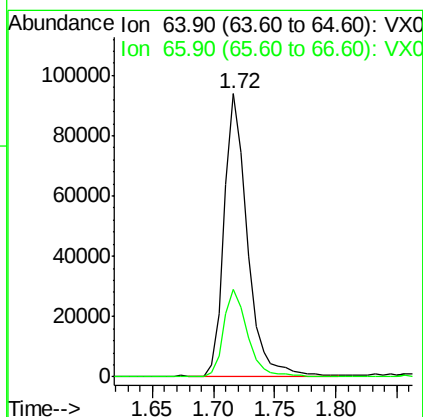
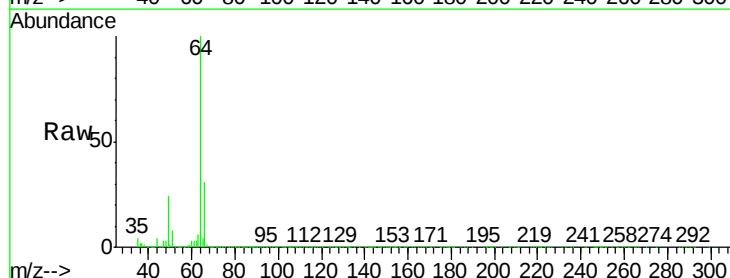
Acq: 09 Mar 2020 19:07

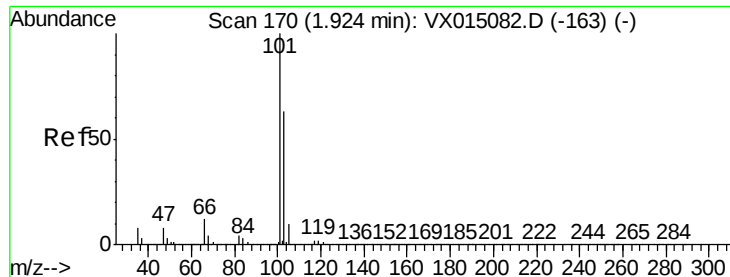
Tgt Ion: 64 Resp: 123133

Ion Ratio Lower Upper

64 100

66 30.9 25.8 38.8



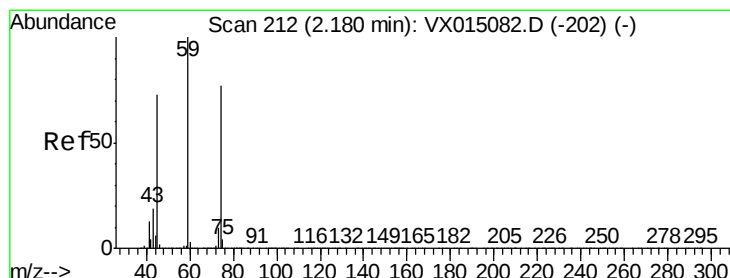
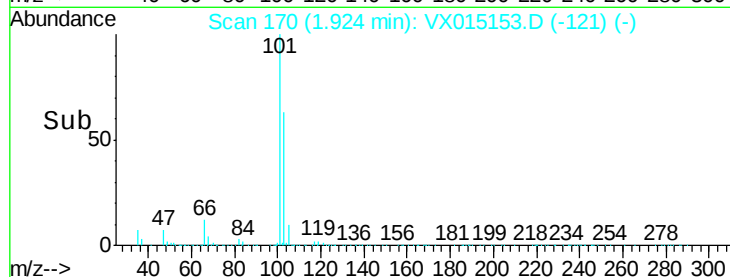
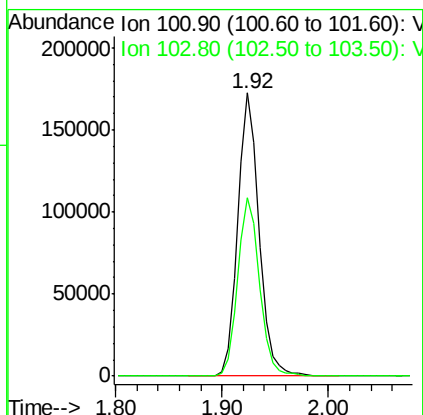
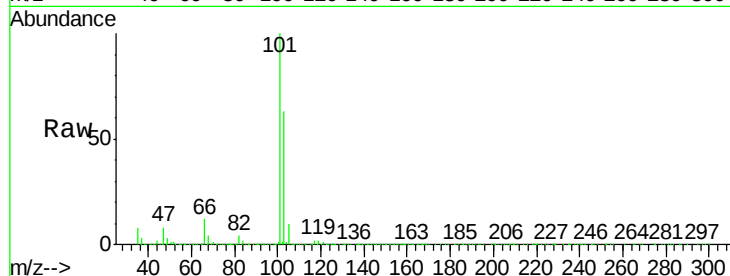


#7

Trichlorofluoromethane
Concen: 46.27 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MSD

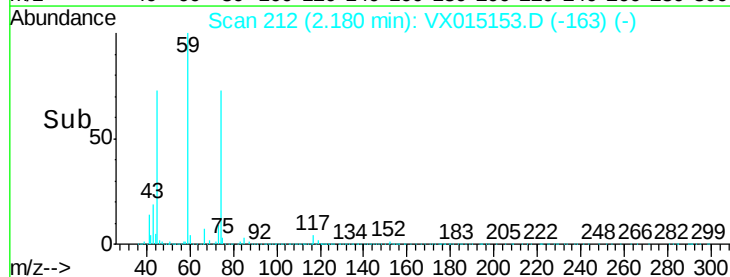
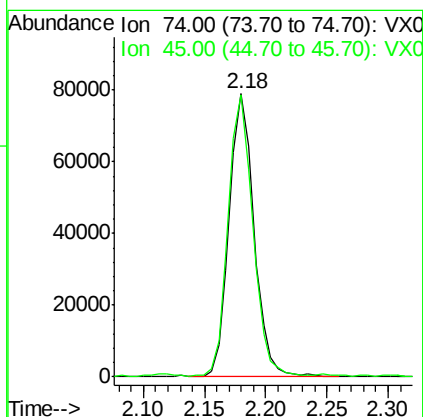
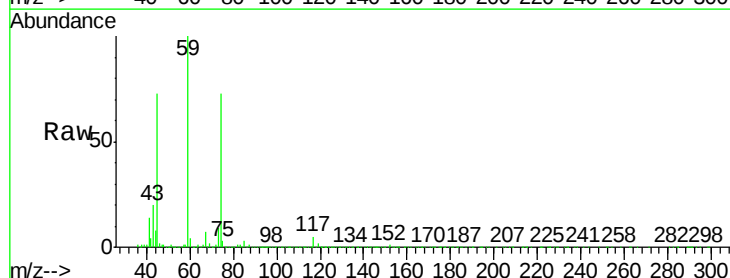
Tgt Ion:101 Resp: 242141
Ion Ratio Lower Upper
101 100
103 63.1 50.4 75.6

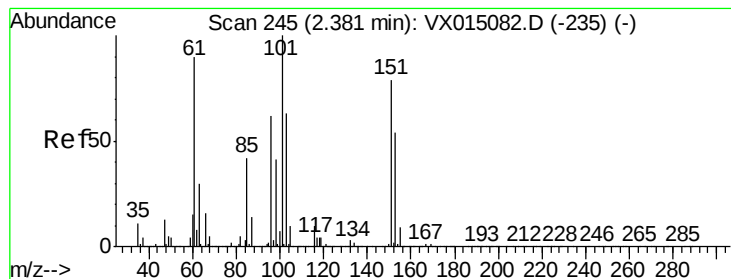


#8

Diethyl Ether
Concen: 46.48 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

Tgt Ion: 74 Resp: 110186
Ion Ratio Lower Upper
74 100
45 98.9 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.93 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MSD

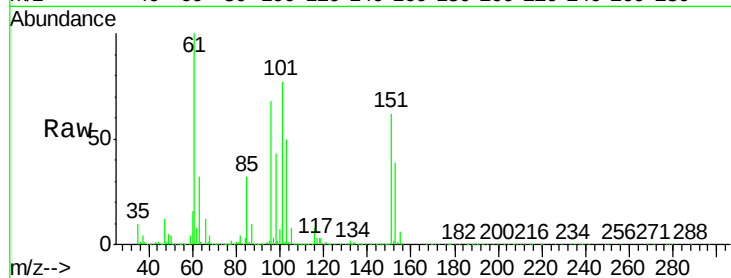
Tgt Ion:101 Resp: 164399

Ion Ratio Lower Upper

101 100

85 41.4 33.7 50.5

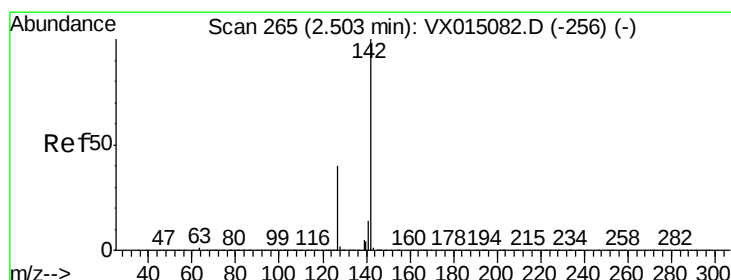
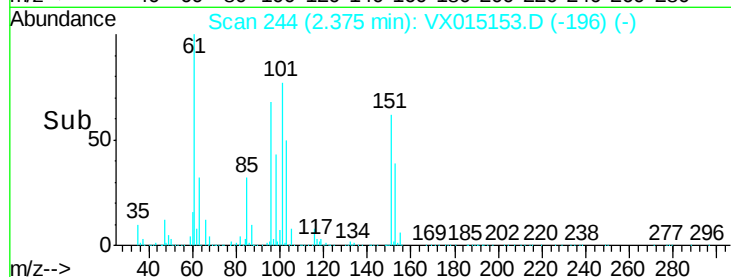
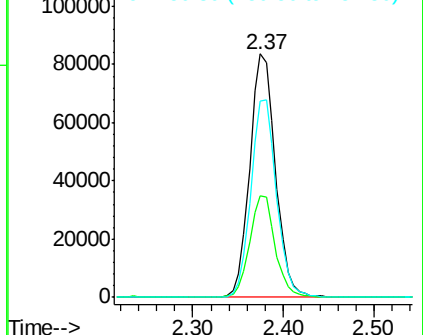
151 80.7 64.0 96.0



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: 44.45 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

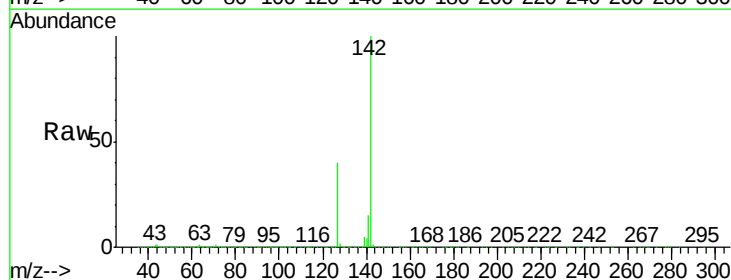
Tgt Ion:142 Resp: 165354

Ion Ratio Lower Upper

142 100

127 39.3 31.7 47.5

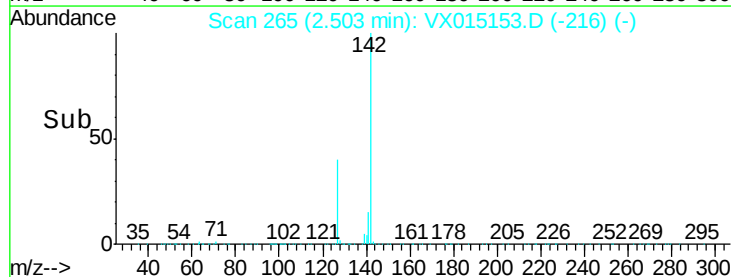
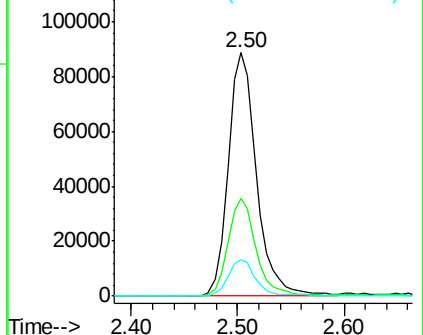
141 14.9 11.3 16.9

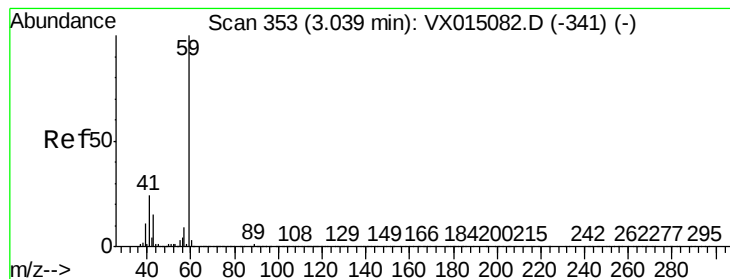


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



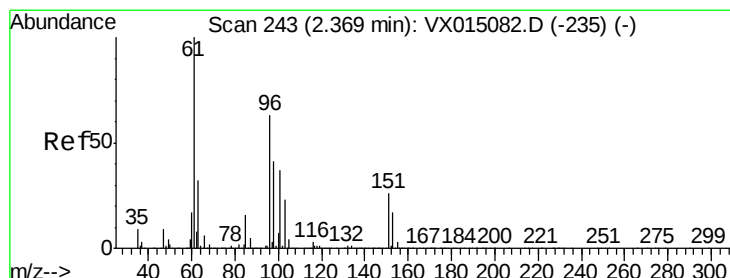
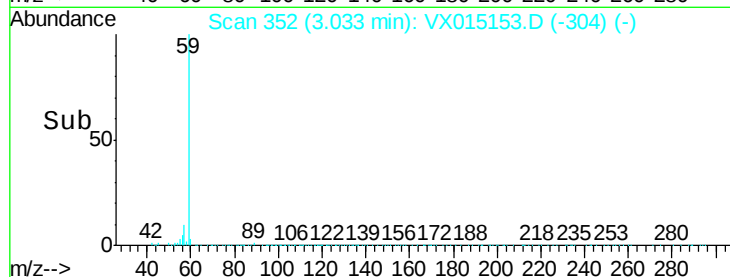
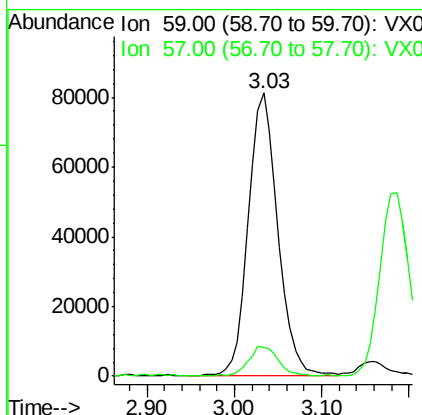
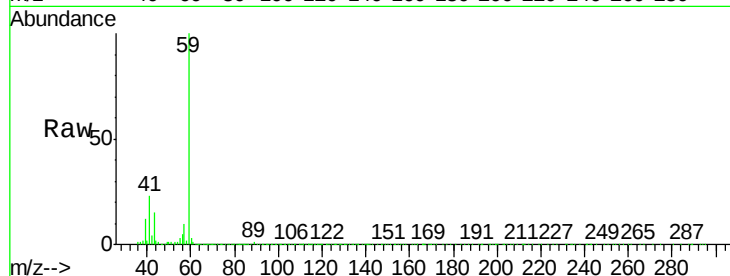


#11

Tert butyl alcohol
 Concen: 262.37 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX015153.D
 Acq: 09 Mar 2020 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MSD

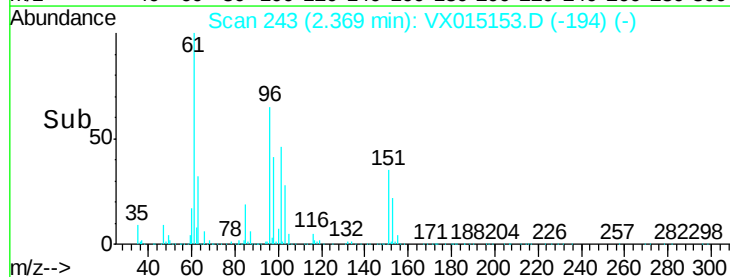
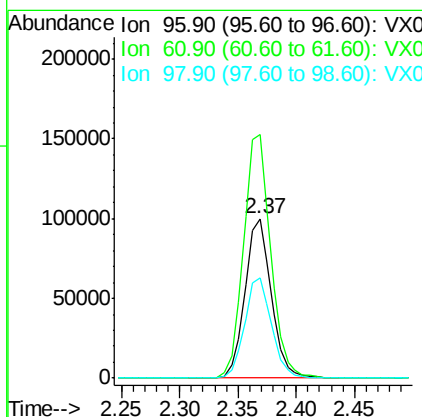
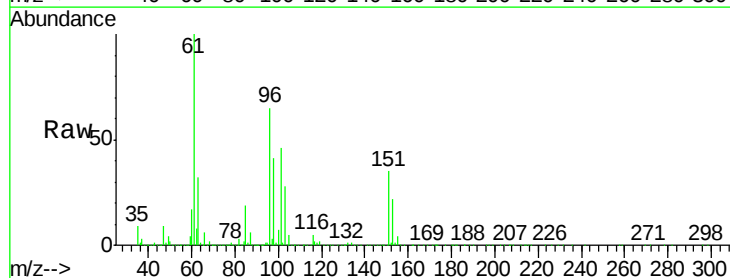
Tgt Ion: 59 Resp: 188857
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4

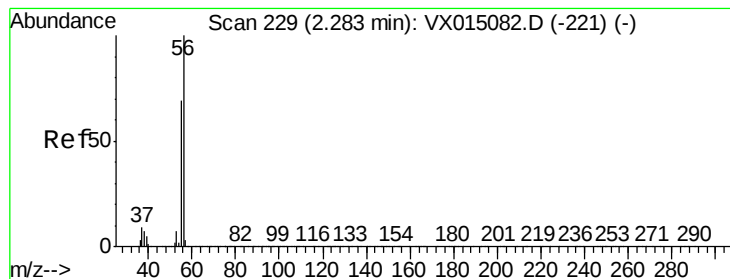


#12

1,1-Dichloroethene
 Concen: 46.44 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX015153.D
 Acq: 09 Mar 2020 19:07

Tgt Ion: 96 Resp: 157806
 Ion Ratio Lower Upper
 96 100
 61 152.9 126.2 189.4
 98 62.8 51.4 77.0





#13

Acrolein

Concen: 252.53 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

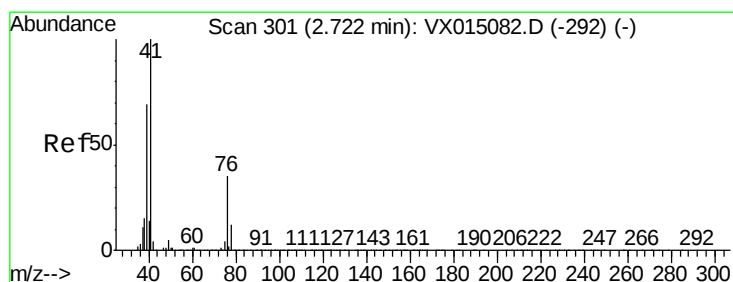
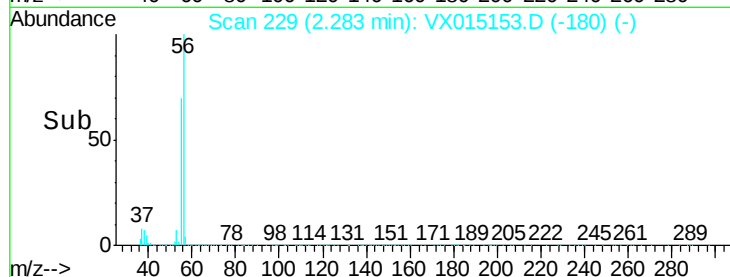
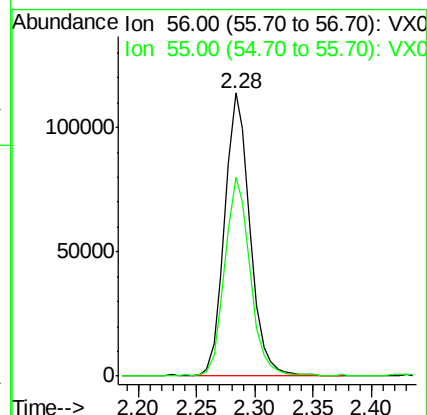
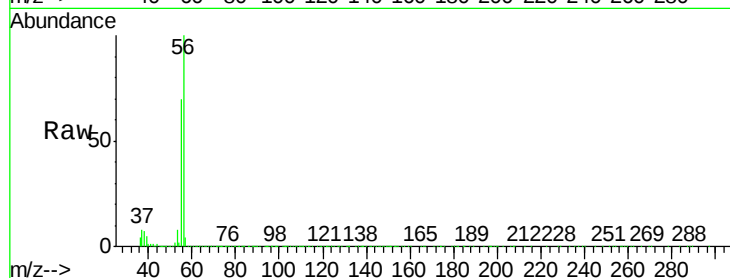
RE132D2-20200305MSD

Tgt Ion: 56 Resp: 170822

Ion Ratio Lower Upper

56 100

55 70.3 55.4 83.0



#14

Allyl chloride

Concen: 49.06 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

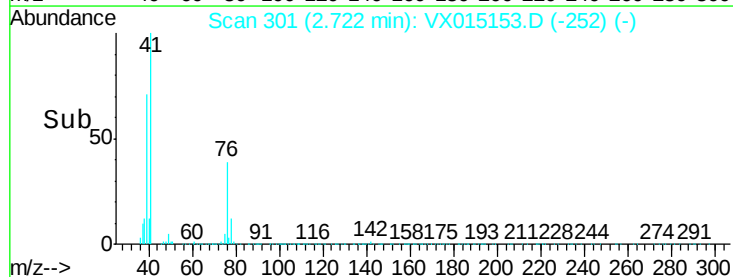
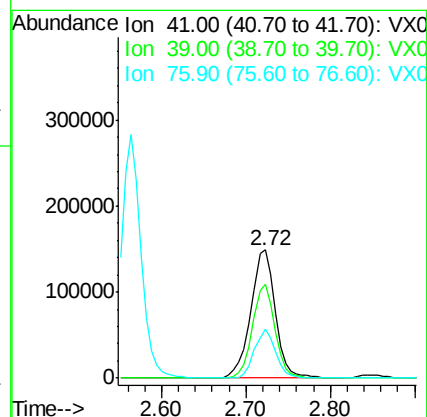
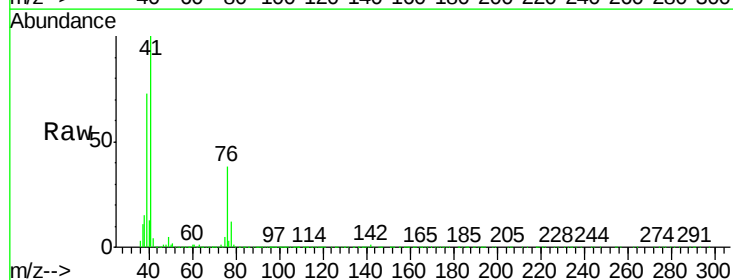
Tgt Ion: 41 Resp: 290729

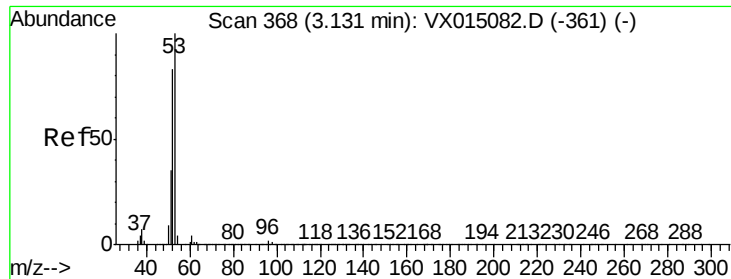
Ion Ratio Lower Upper

41 100

39 66.8 52.9 79.3

76 32.7 26.8 40.2

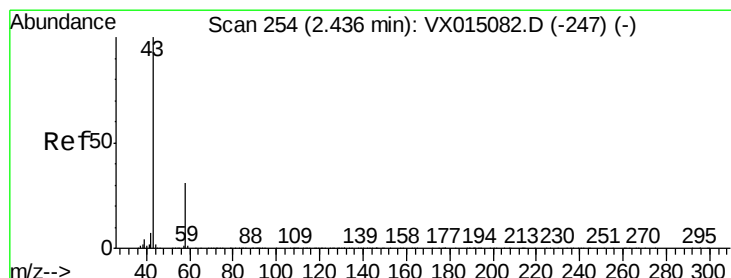
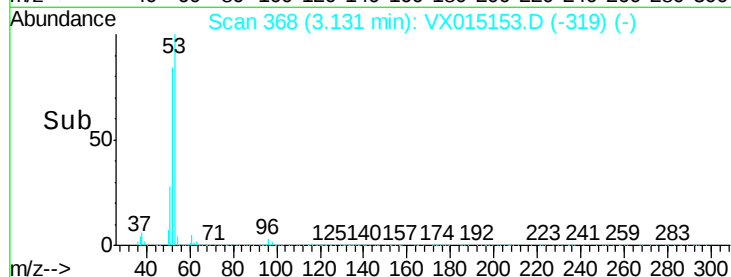
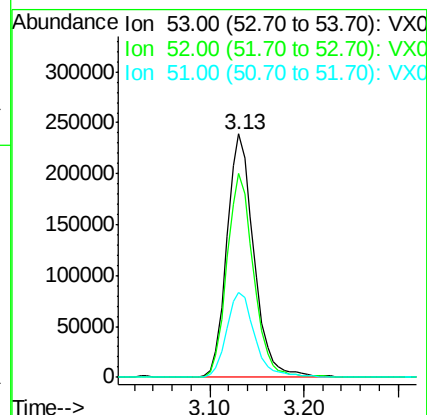
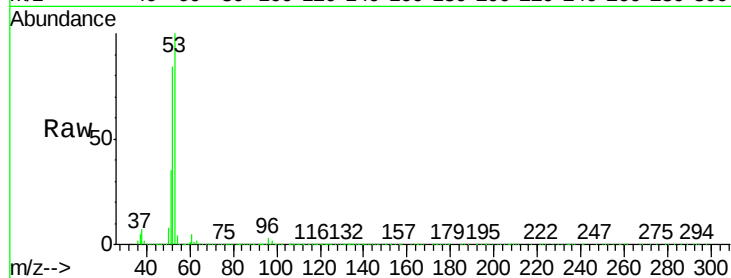




#15
Acrylonitrile
Concen: 263.93 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

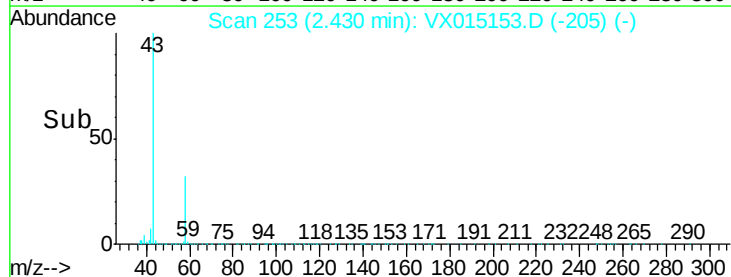
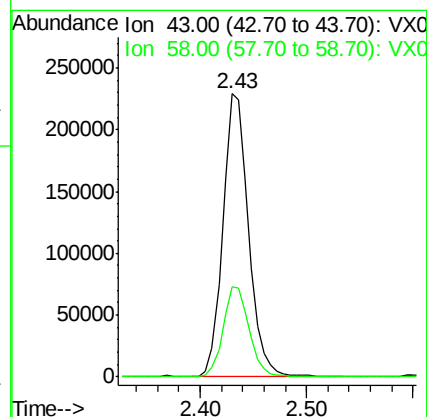
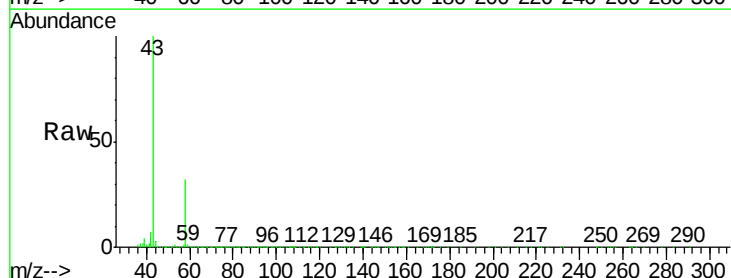
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MSD

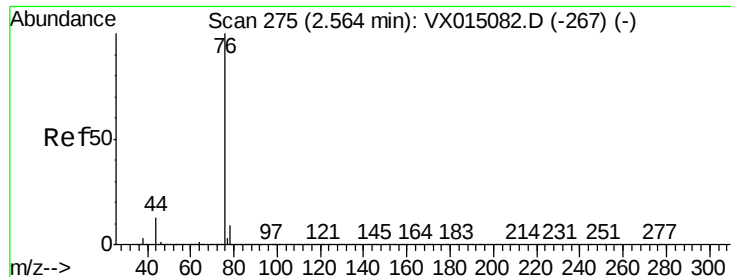
Tgt Ion: 53 Resp: 473121
Ion Ratio Lower Upper
53 100
52 83.1 66.6 100.0
51 36.2 29.0 43.6



#16
Acetone
Concen: 226.30 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

Tgt Ion: 43 Resp: 380220
Ion Ratio Lower Upper
43 100
58 31.8 24.8 37.2

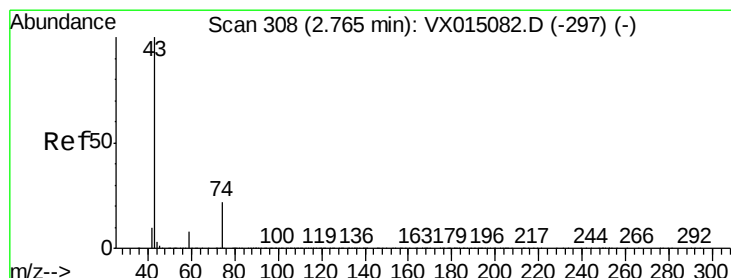
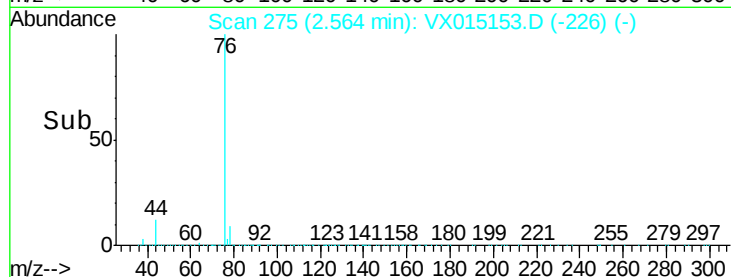
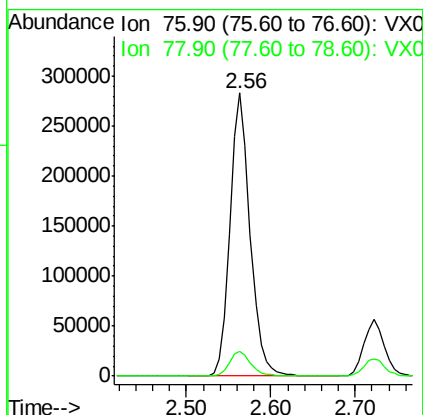
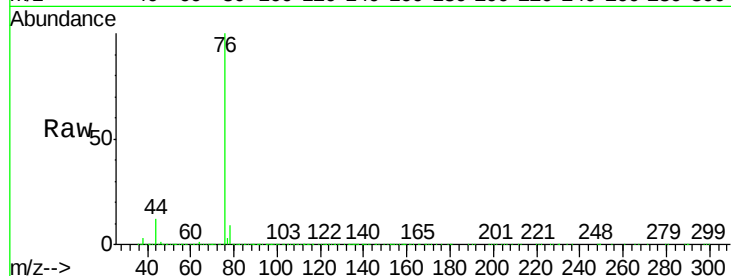




#17
Carbon Disulfide
Concen: 48.60 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

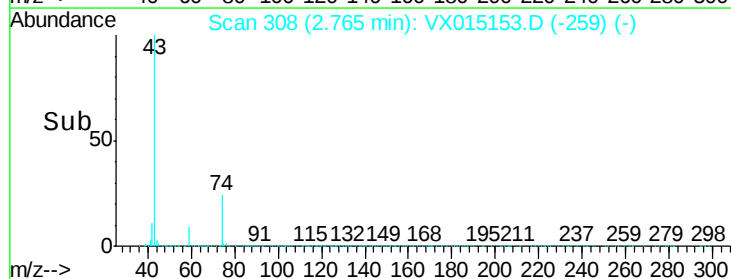
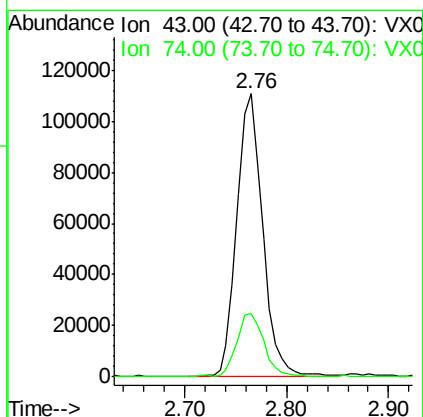
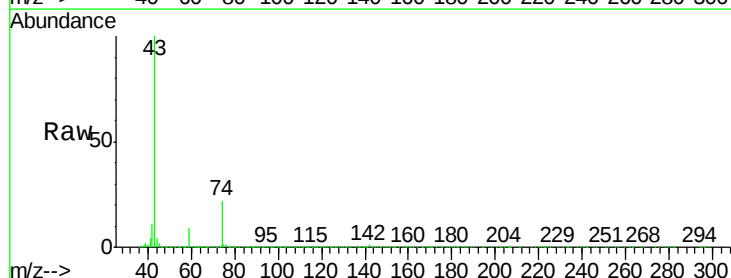
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MSD

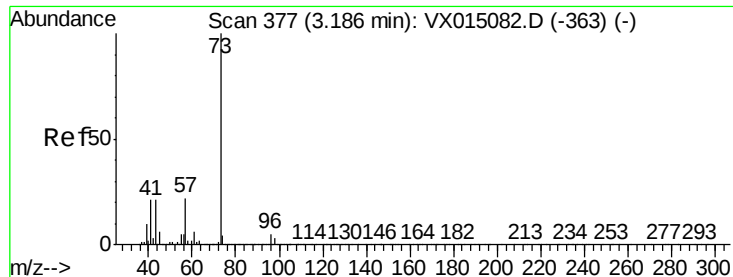
Tgt Ion: 76 Resp: 458674
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 46.79 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

Tgt Ion: 43 Resp: 192220
Ion Ratio Lower Upper
43 100
74 23.9 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 51.52 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

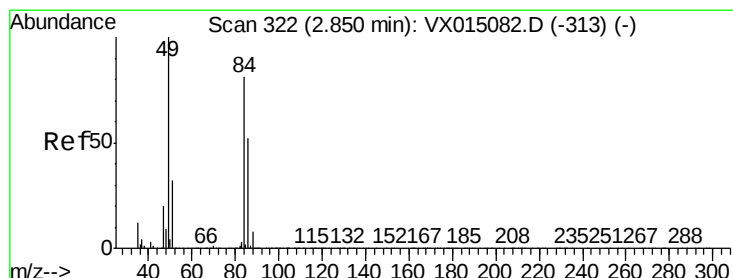
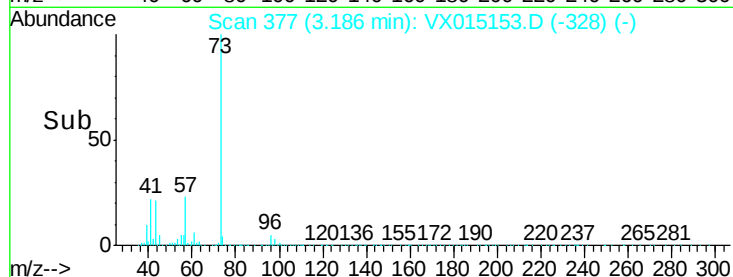
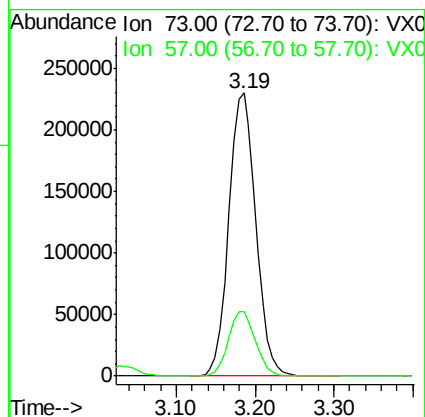
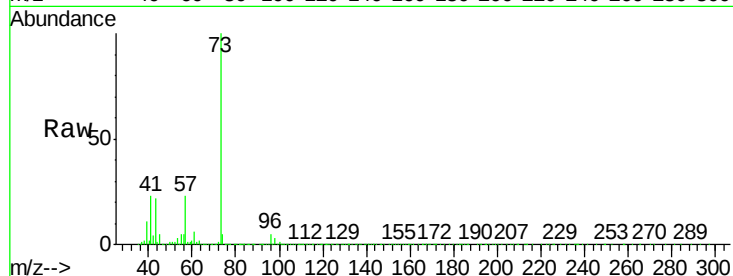
RE132D2-20200305MSD

Tgt Ion: 73 Resp: 547102

Ion Ratio Lower Upper

73 100

57 22.8 17.8 26.6



#20

Methylene Chloride

Concen: 47.72 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Tgt Ion: 84 Resp: 187638

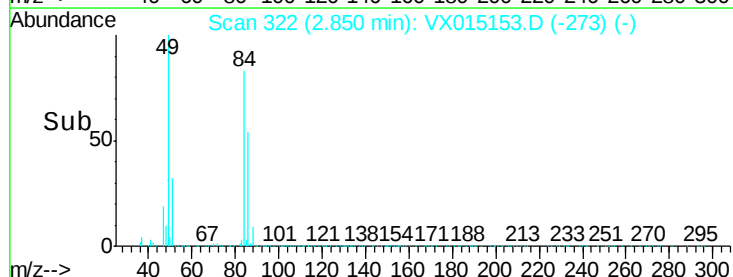
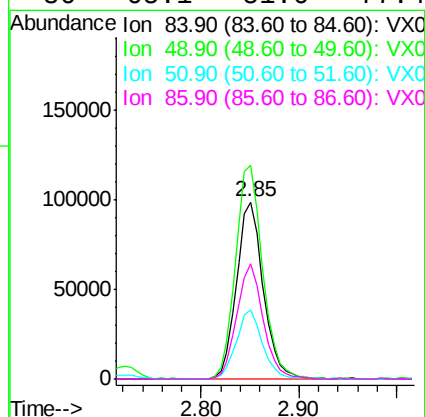
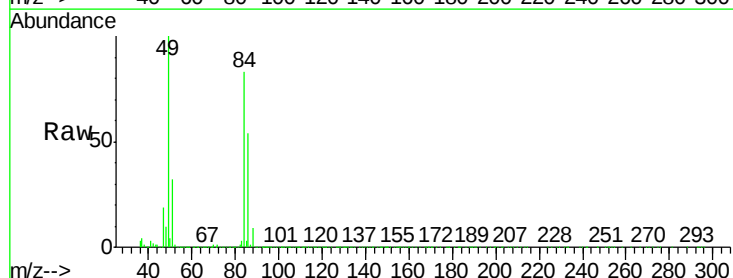
Ion Ratio Lower Upper

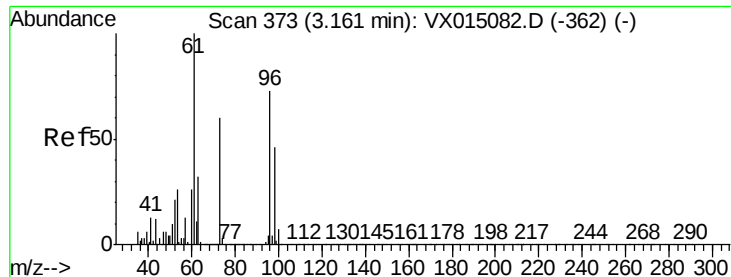
84 100

49 120.6 99.4 149.2

51 38.9 31.5 47.3

86 65.1 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 49.56 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MSD

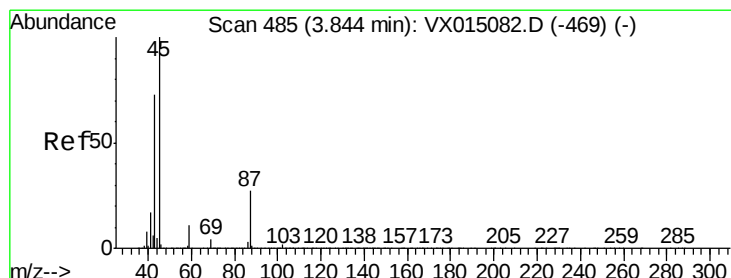
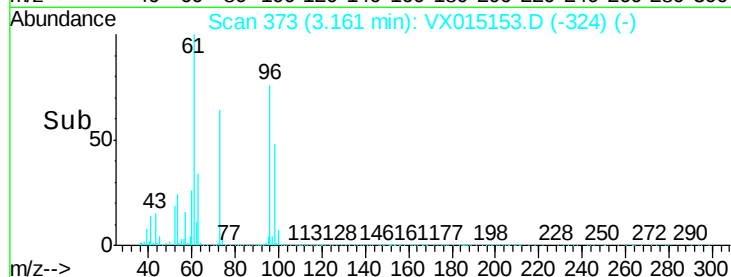
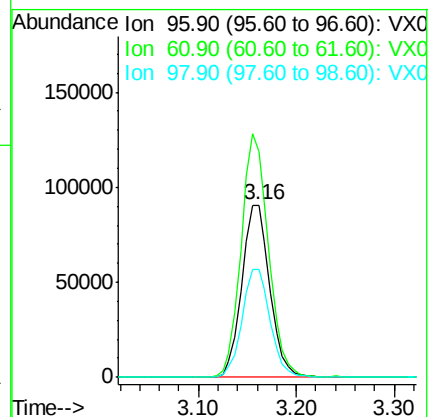
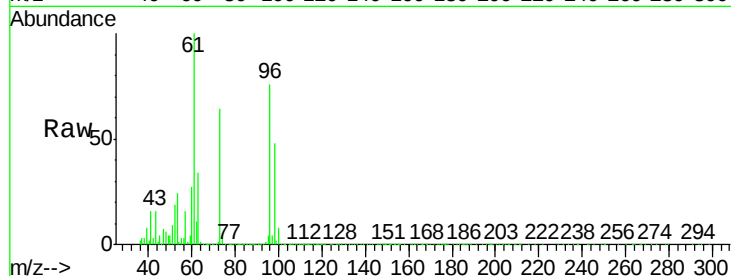
Tgt Ion: 96 Resp: 179840

Ion Ratio Lower Upper

96 100

61 131.0 109.9 164.9

98 62.2 50.2 75.2



#22

Diisopropyl ether

Concen: 51.69 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Tgt Ion: 45 Resp: 610162

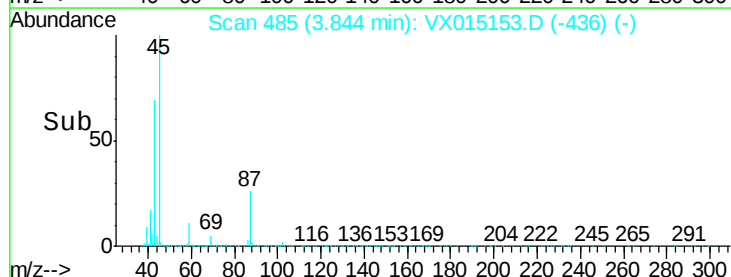
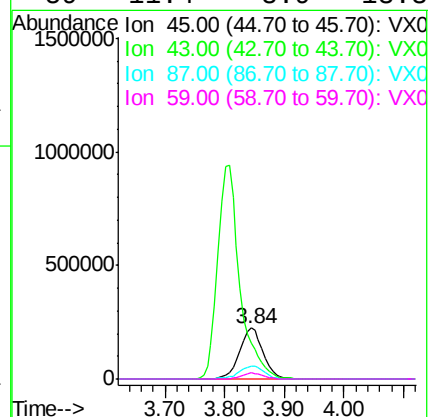
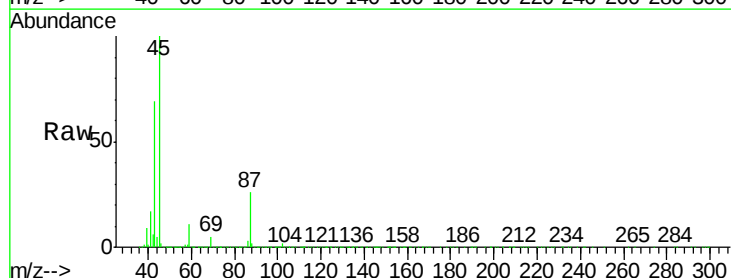
Ion Ratio Lower Upper

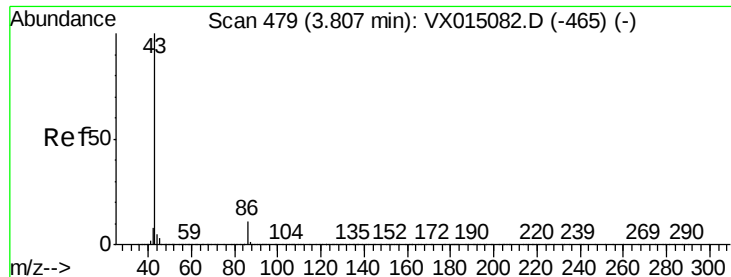
45 100

43 68.9 58.2 87.2

87 25.6 21.2 31.8

59 11.4 8.9 13.3





#23

Vinyl Acetate

Concen: 250.15 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

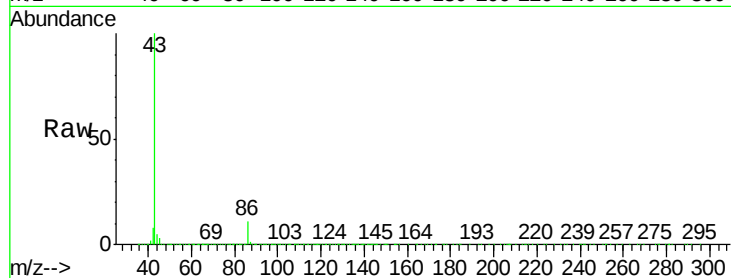
RE132D2-20200305MSD

Tgt Ion: 43 Resp: 2427498

Ion Ratio Lower Upper

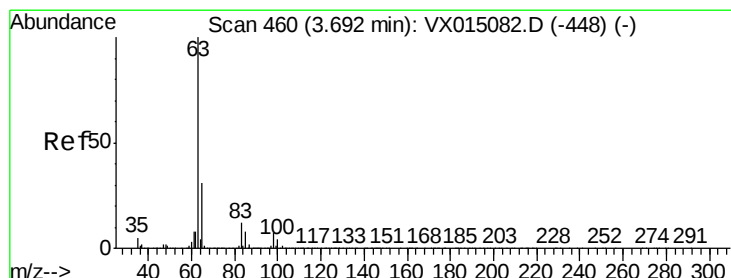
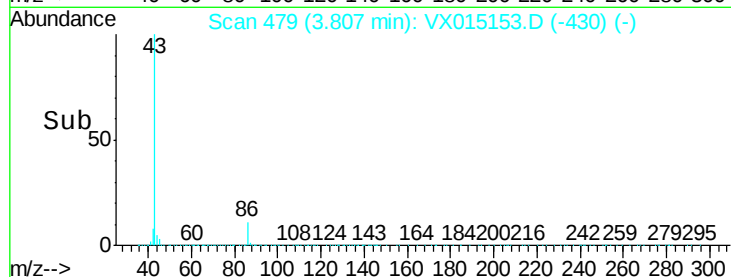
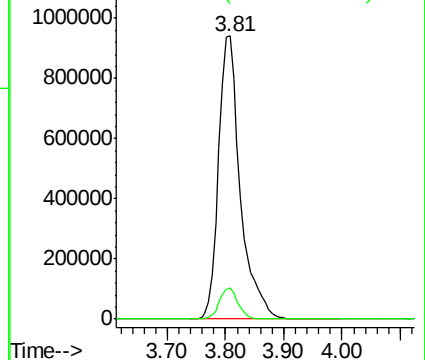
43 100

86 10.9 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: 50.28 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

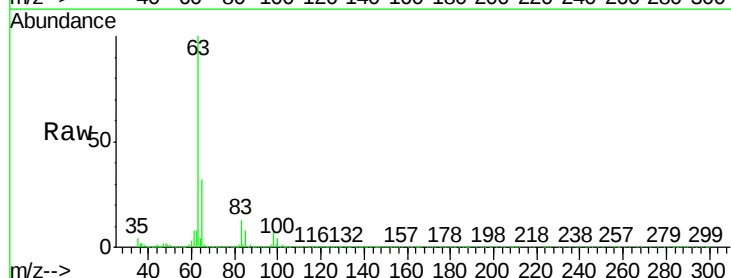
Tgt Ion: 63 Resp: 329417

Ion Ratio Lower Upper

63 100

98 7.1 3.7 11.1

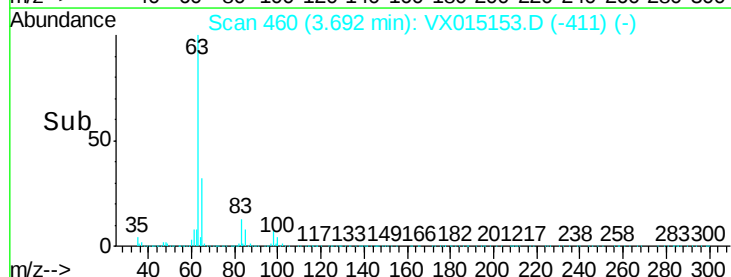
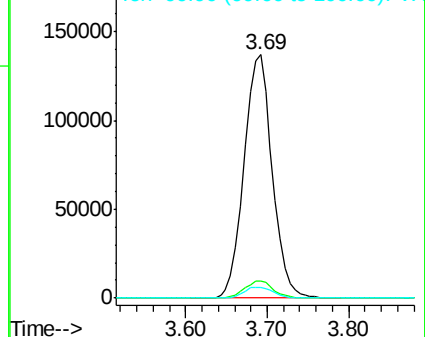
100 4.4 2.1 6.5

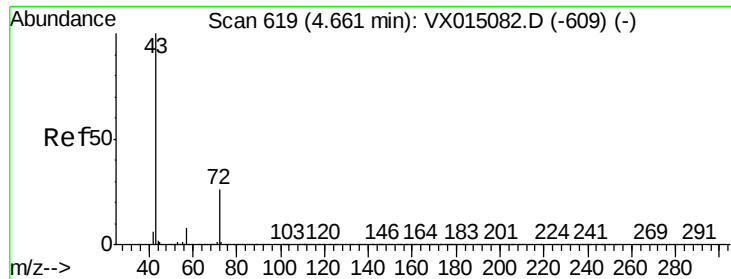


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 259.72 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

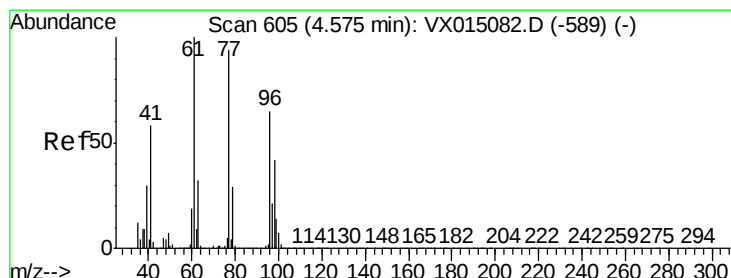
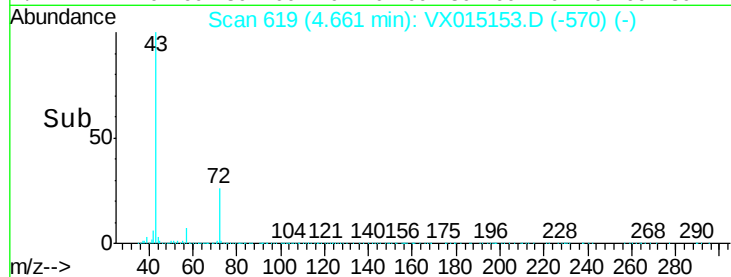
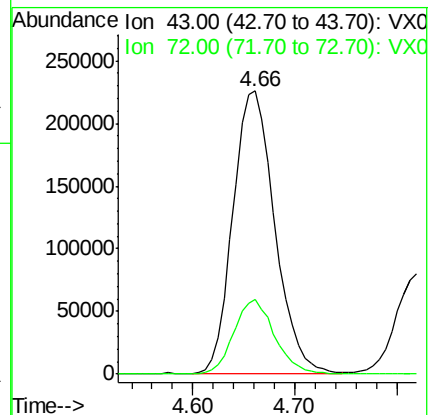
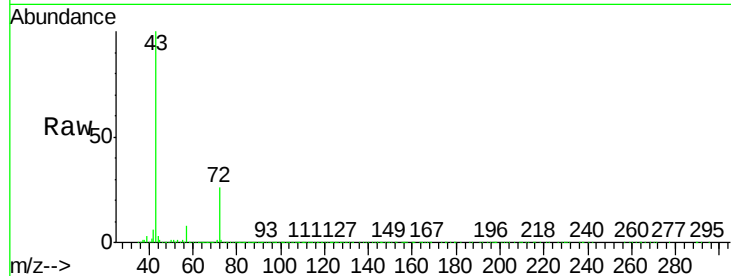
RE132D2-20200305MSD

Tgt Ion: 43 Resp: 638838

Ion Ratio Lower Upper

43 100

72 26.3 20.6 30.8



#26

2,2-Dichloropropane

Concen: 42.67 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015153.D

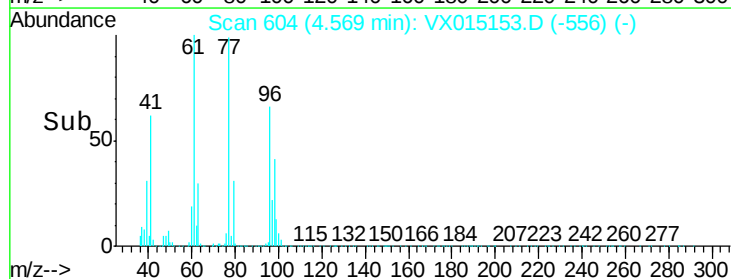
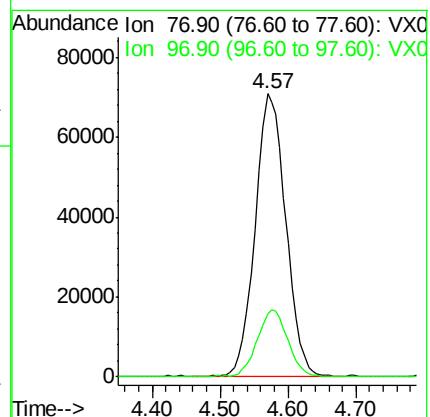
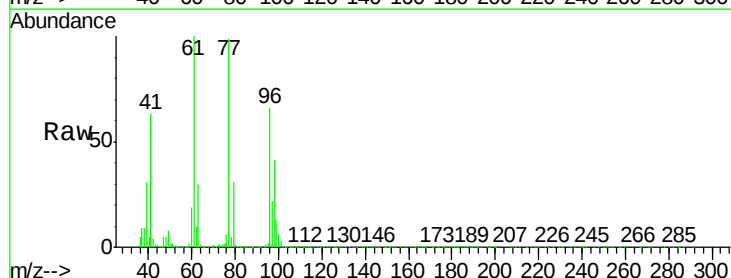
Acq: 09 Mar 2020 19:07

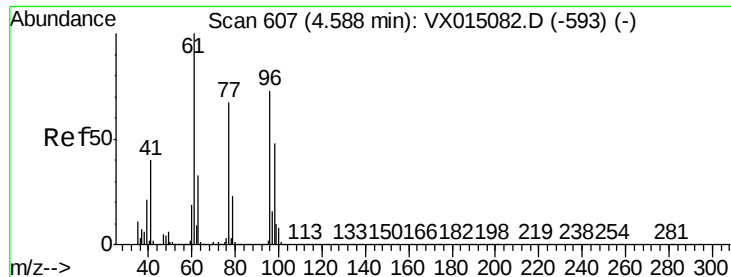
Tgt Ion: 77 Resp: 221942

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 49.96 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

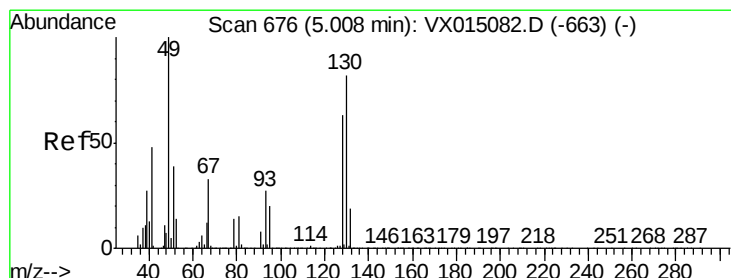
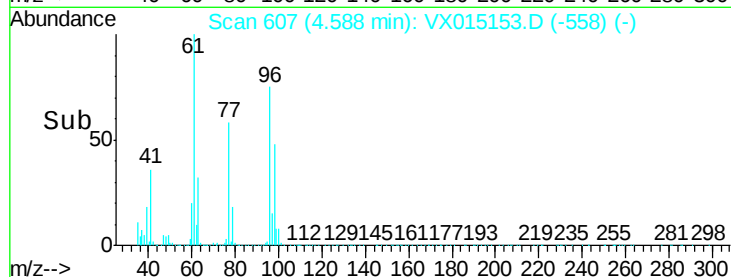
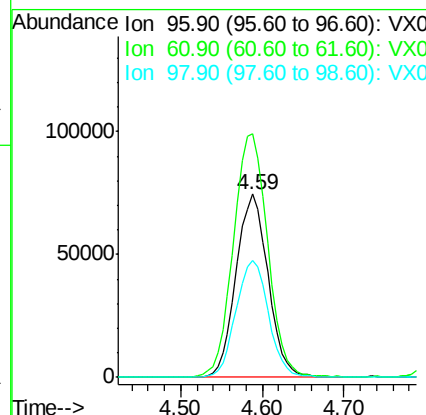
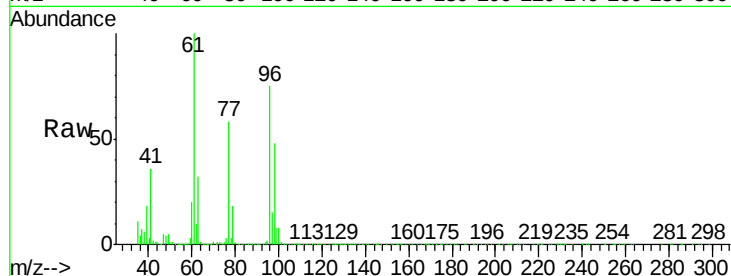
Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MSD

Tgt Ion: 96 Resp: 203389

Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	286.8
98	64.7	0.0	128.4



#28

Bromochloromethane

Concen: 50.06 ug/l

RT: 5.00 min Scan# 675

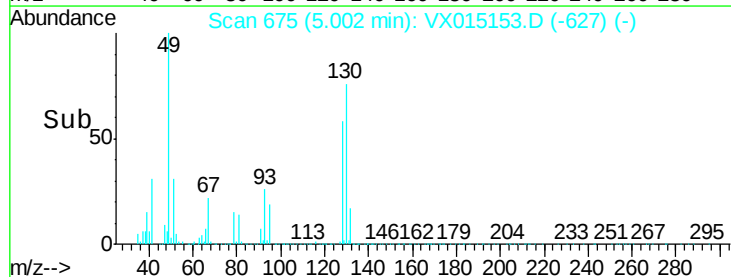
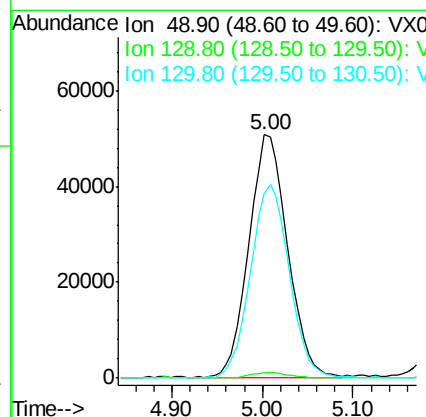
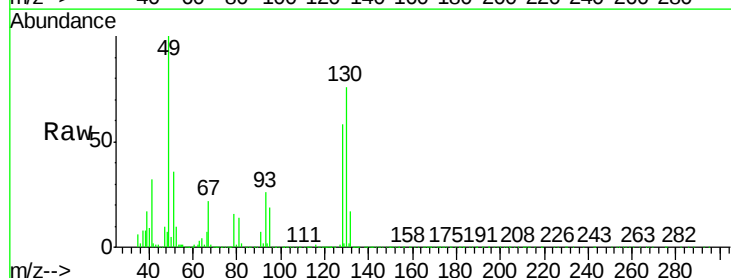
Delta R.T. -0.01 min

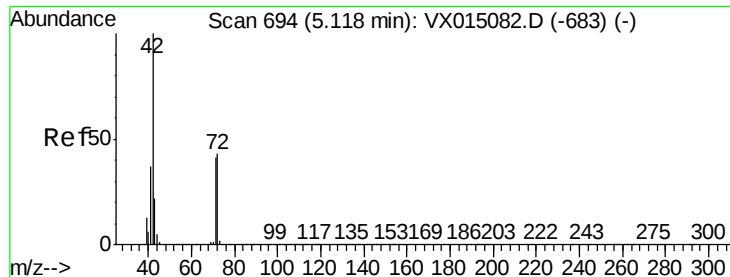
Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Tgt Ion: 49 Resp: 149368

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.4
130	80.2	65.0	97.6





#29

Tetrahydrofuran

Concen: 262.98 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MSD

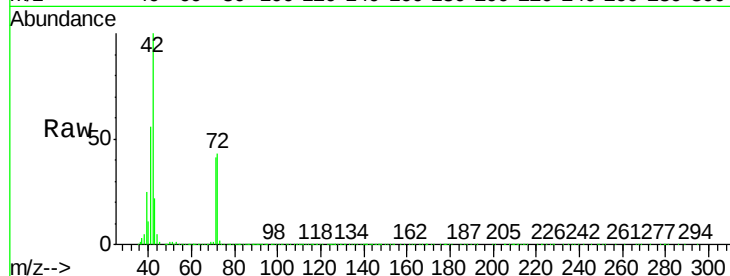
Tgt Ion: 42 Resp: 416978

Ion Ratio Lower Upper

42 100

72 44.2 36.4 54.6

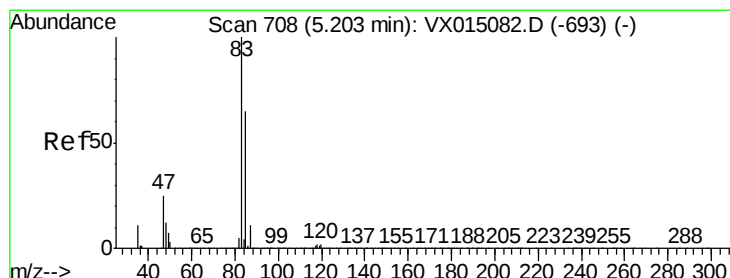
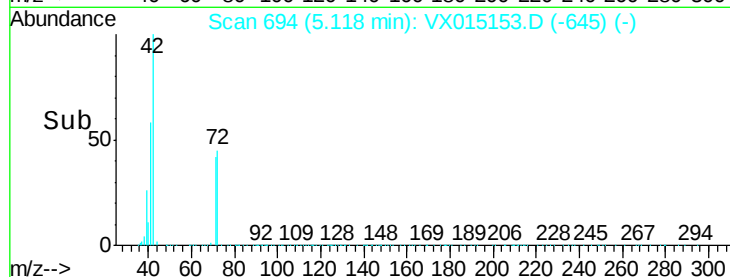
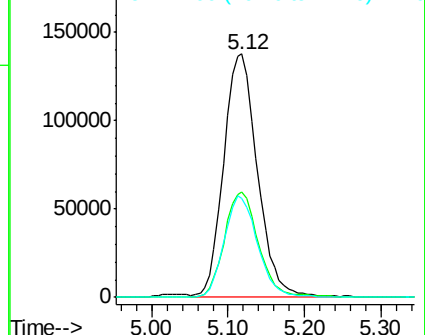
71 41.4 33.3 49.9



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.71 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015153.D

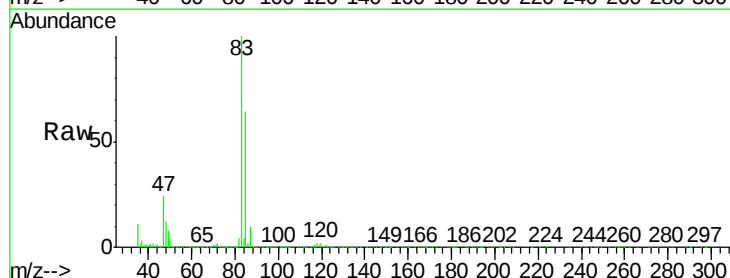
Acq: 09 Mar 2020 19:07

Tgt Ion: 83 Resp: 317449

Ion Ratio Lower Upper

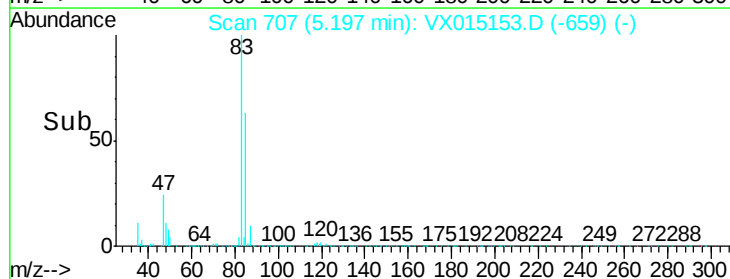
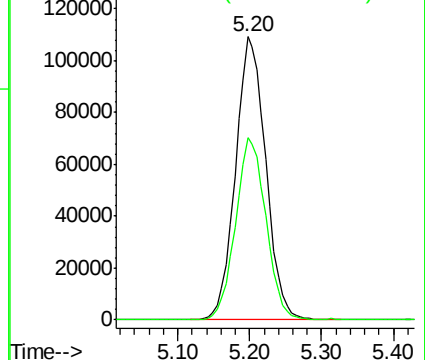
83 100

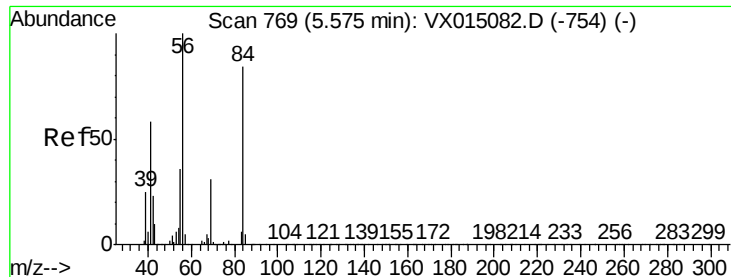
85 64.1 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

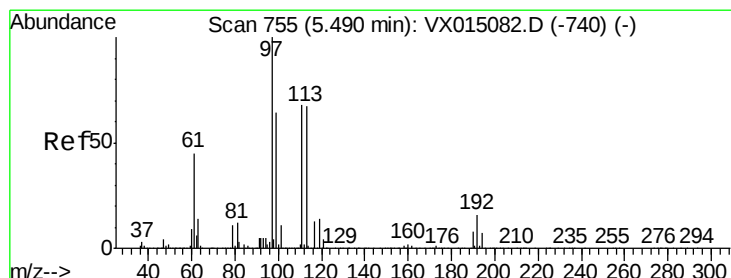
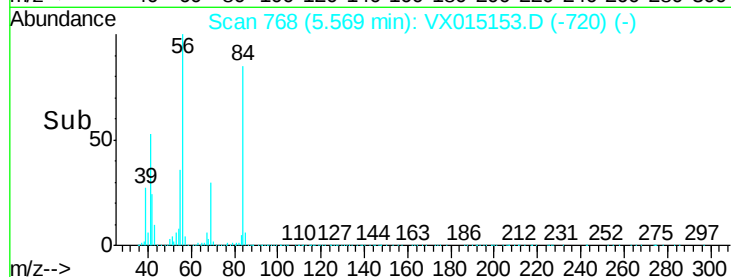
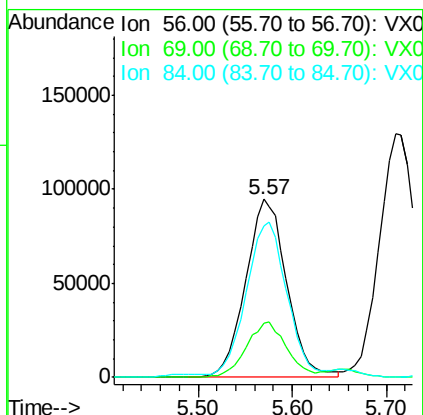
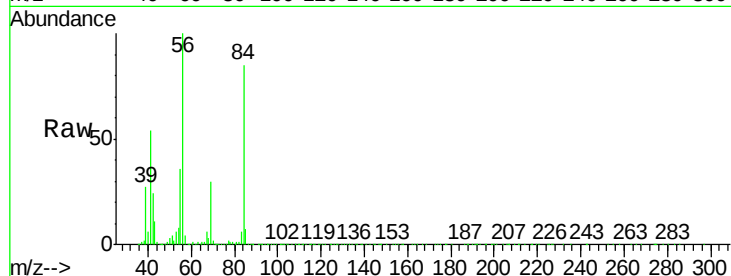




#31
Cyclohexane
Concen: 48.81 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

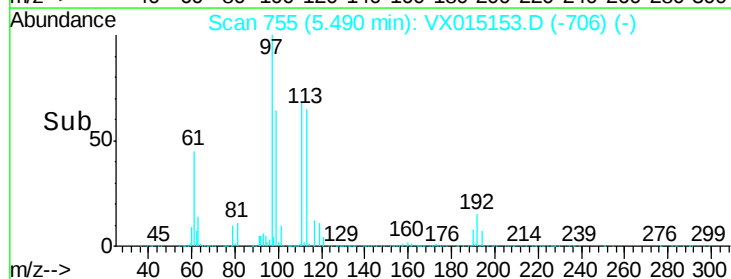
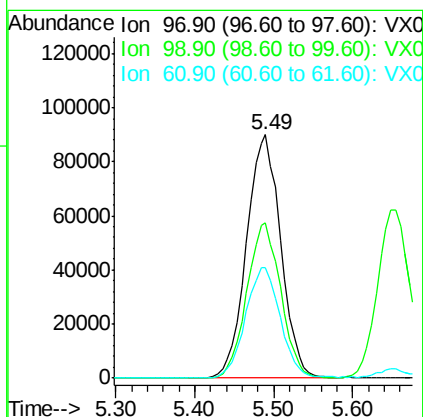
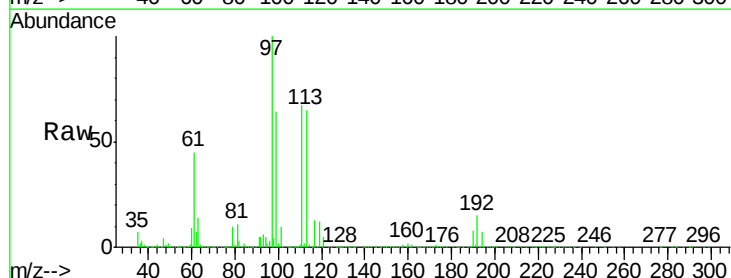
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MSD

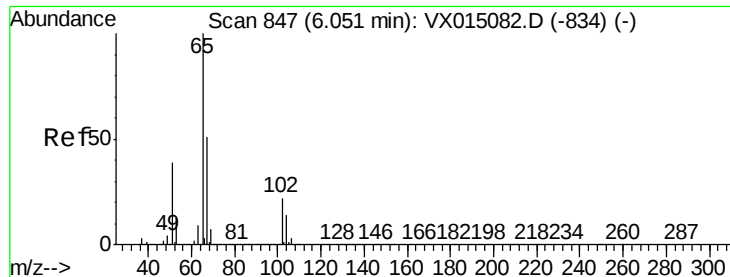
Tgt Ion: 56 Resp: 285241
Ion Ratio Lower Upper
56 100
69 30.0 25.0 37.6
84 83.6 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 51.11 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

Tgt Ion: 97 Resp: 270566
Ion Ratio Lower Upper
97 100
99 63.0 52.8 79.2
61 45.8 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 47.89 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

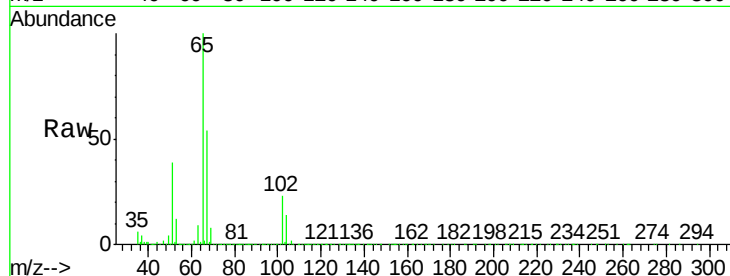
RE132D2-20200305MSD

Tgt Ion: 65 Resp: 198678

Ion Ratio Lower Upper

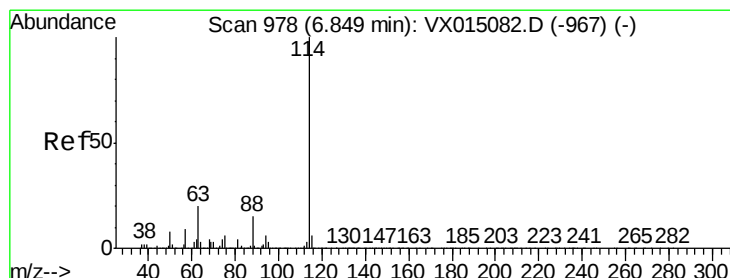
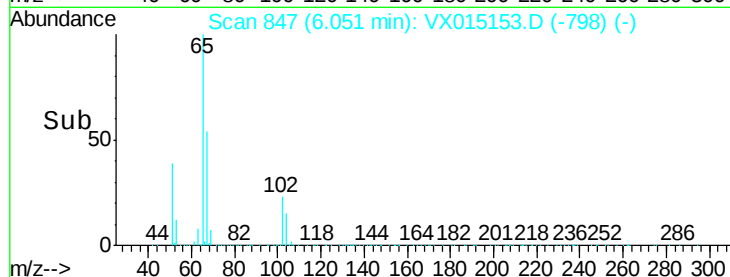
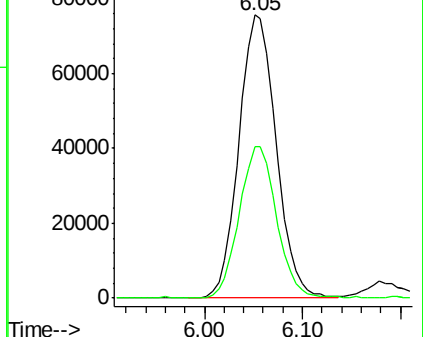
65 100

67 53.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

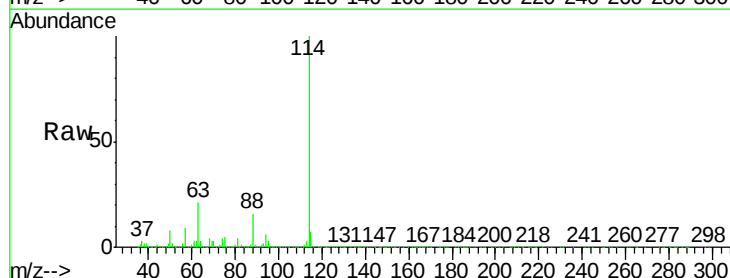
Tgt Ion: 114 Resp: 535402

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

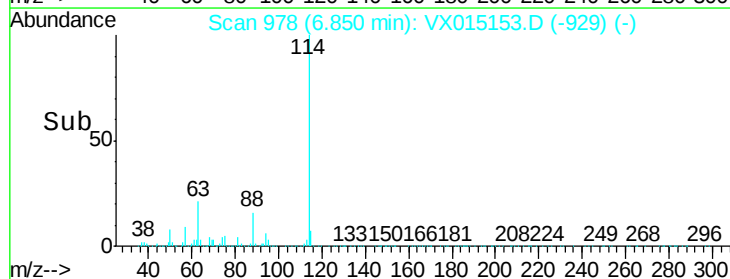
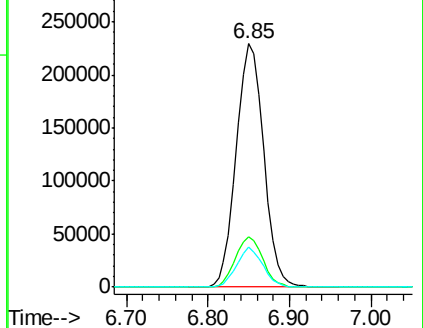
88 16.2 0.0 30.6

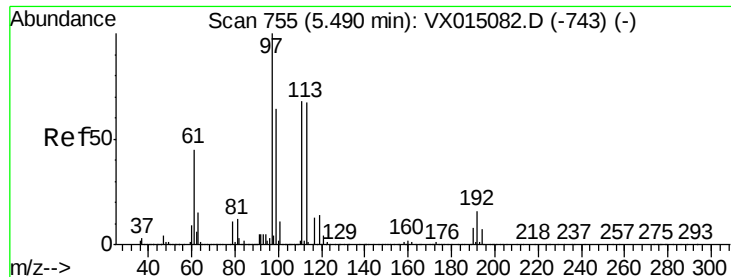


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.45 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MSD

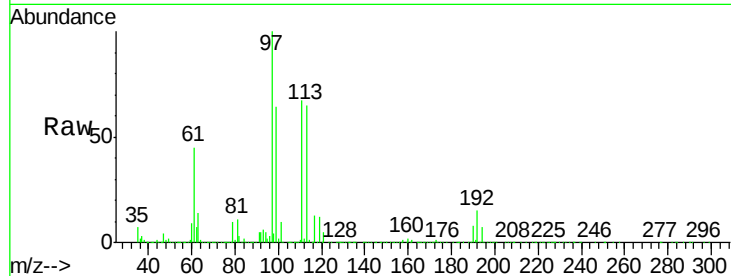
Tgt Ion:113 Resp: 167043

Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

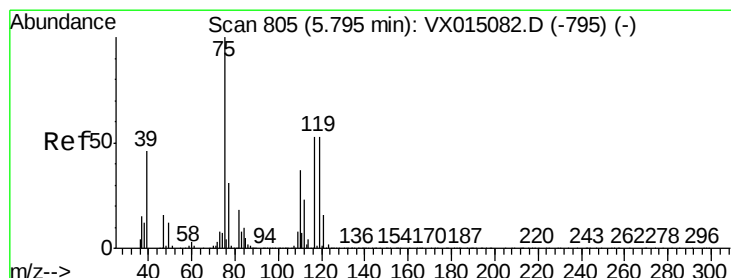
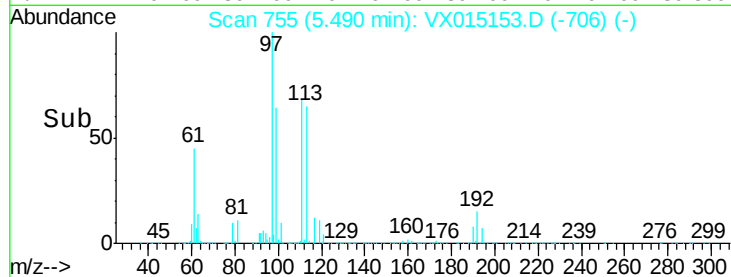
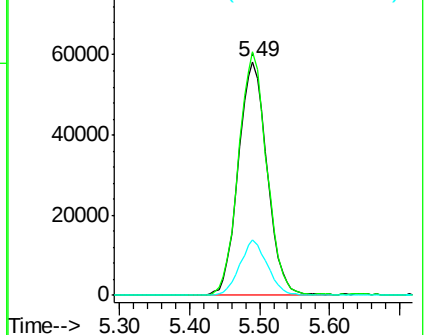
192 23.1 18.6 28.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.80 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

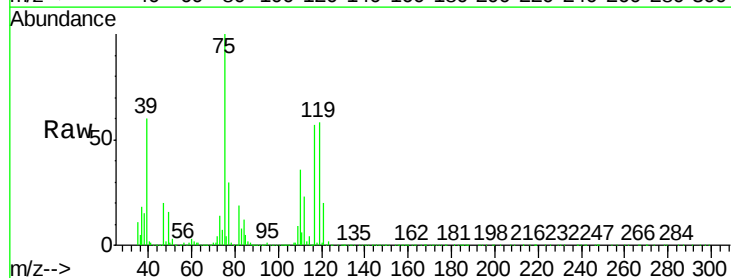
Tgt Ion: 75 Resp: 236571

Ion Ratio Lower Upper

75 100

110 36.1 17.9 53.8

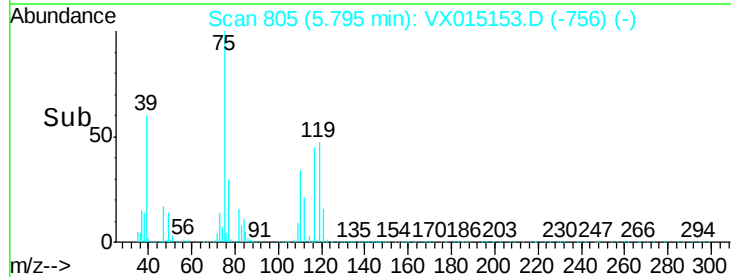
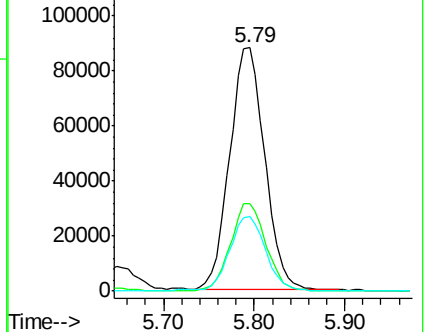
77 31.2 24.8 37.2

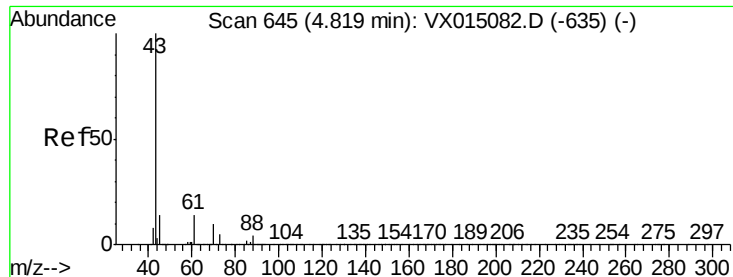


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

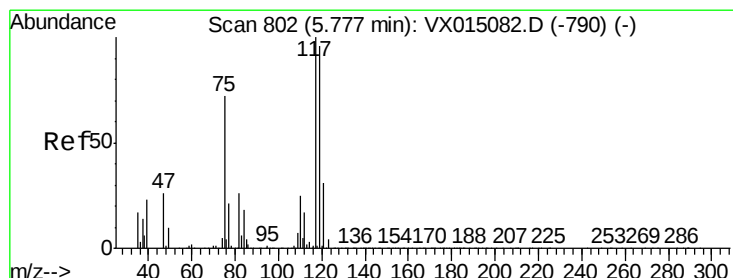
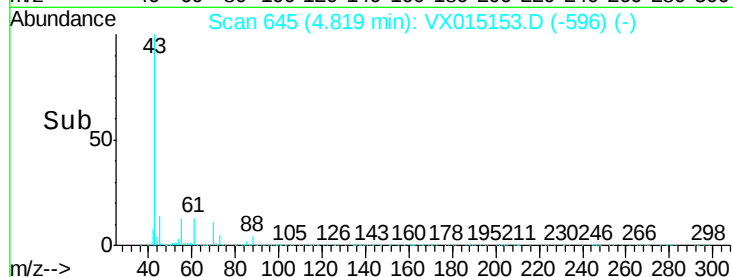
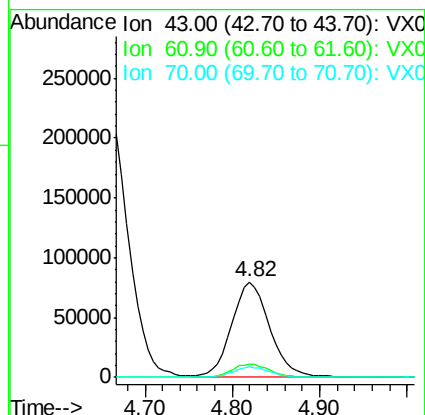
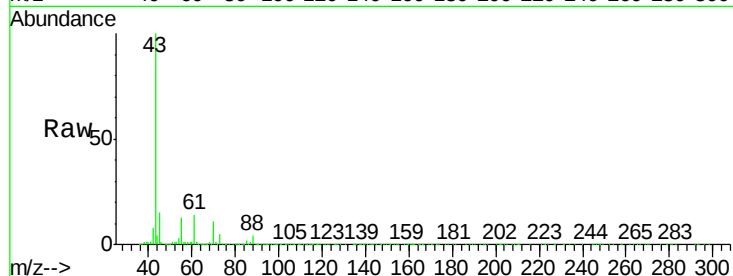




#37
Ethyl Acetate
Concen: 51.23 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

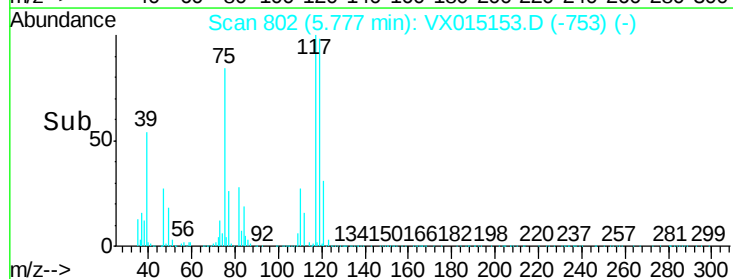
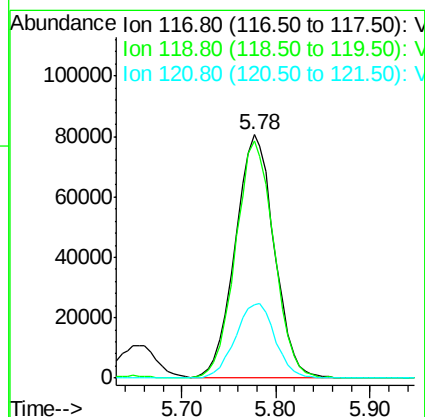
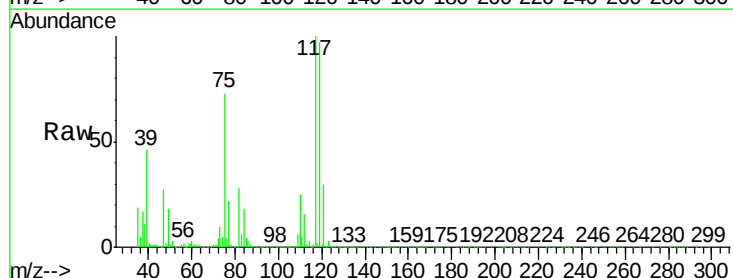
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MSD

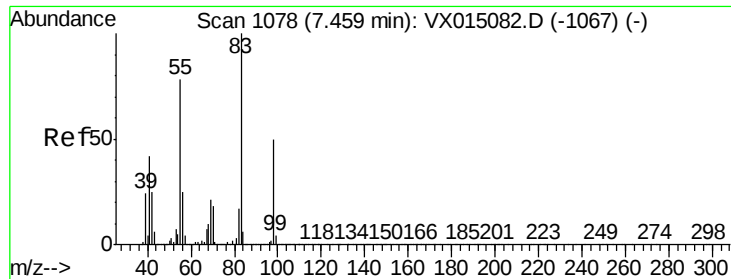
Tgt Ion: 43 Resp: 235200
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.4
70 10.7 8.1 12.1



#38
Carbon Tetrachloride
Concen: 49.65 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

Tgt Ion: 117 Resp: 231953
Ion Ratio Lower Upper
117 100
119 97.2 76.9 115.3
121 30.2 24.6 37.0

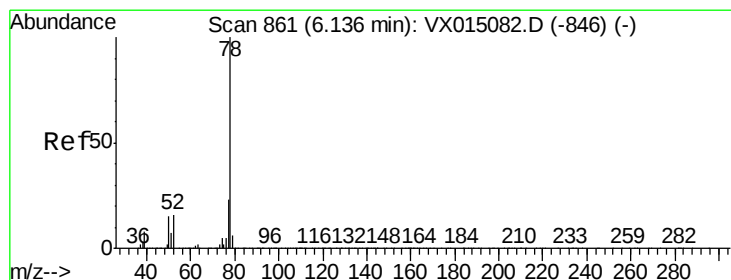
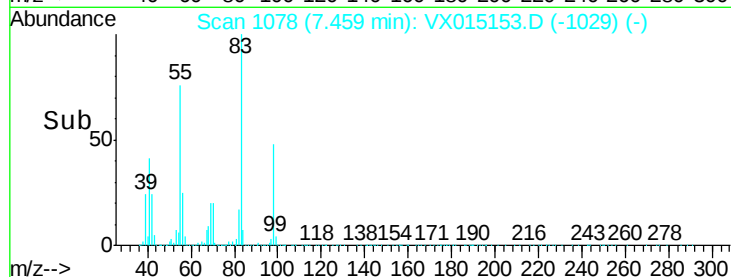
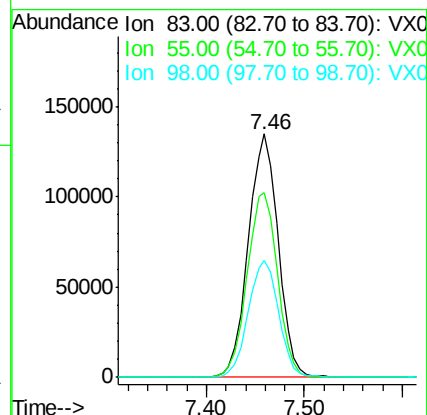
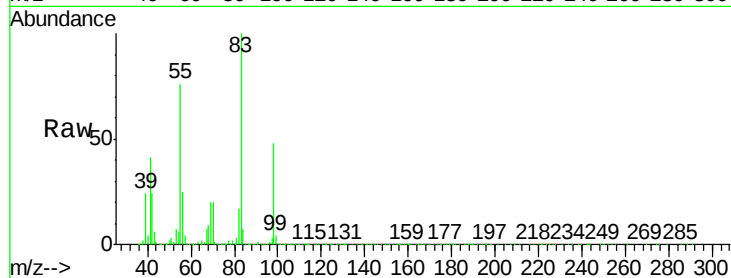




#39
Methylcyclohexane
Concen: 49.37 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

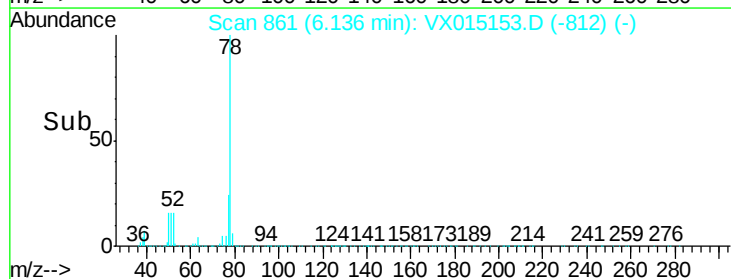
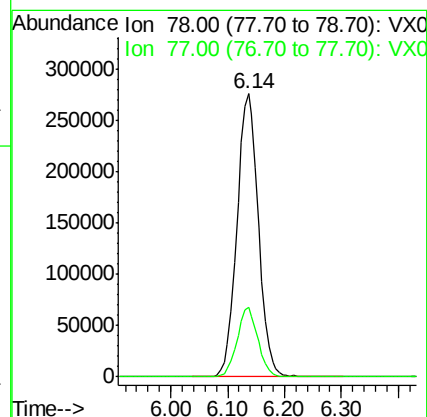
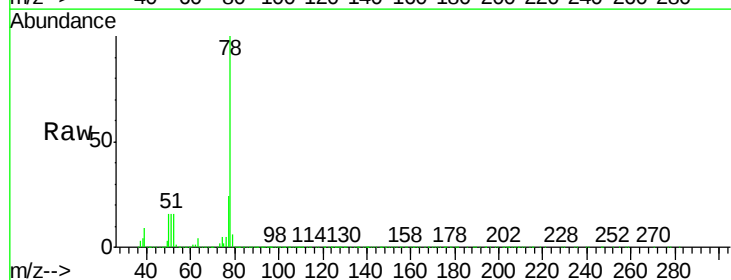
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MSD

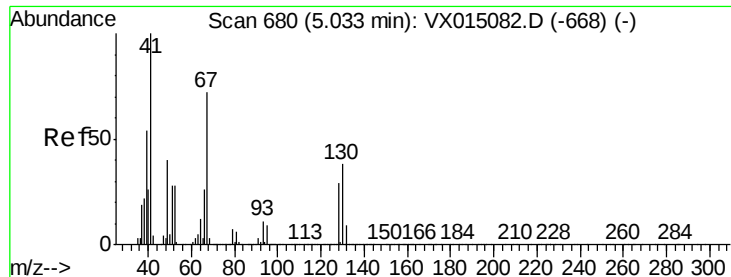
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.6	62.4	93.6
98	48.1	39.7	59.5



#40
Benzene
Concen: 49.53 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.6	28.0





#41

Methacrylonitrile

Concen: 50.80 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MSD

Tgt Ion: 41 Resp: 140101

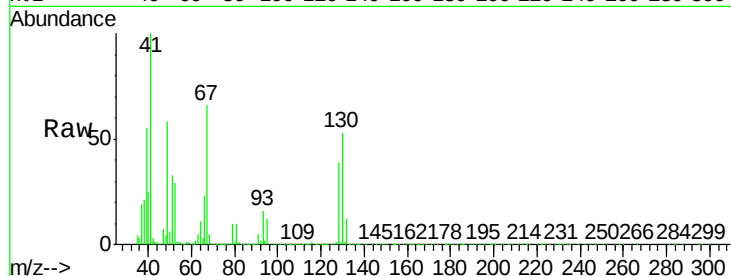
Ion Ratio Lower Upper

41 100

39 54.6 43.9 65.9

67 70.3 57.8 86.8

52 29.0 22.6 34.0

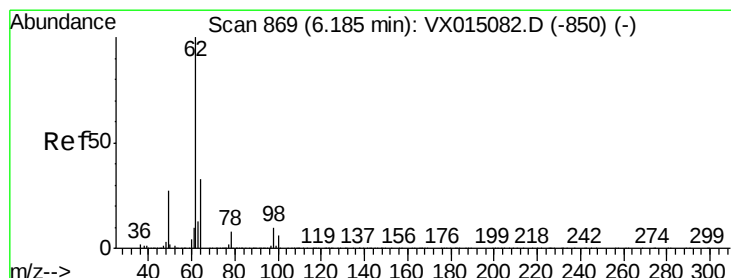
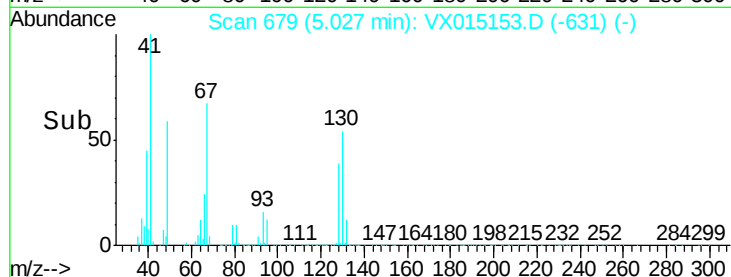
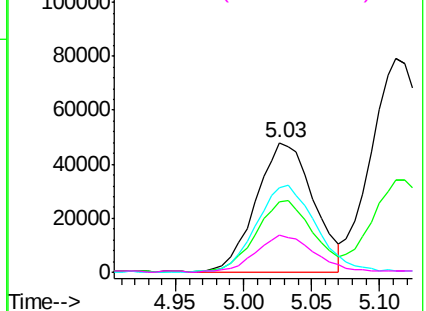


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.53 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX015153.D

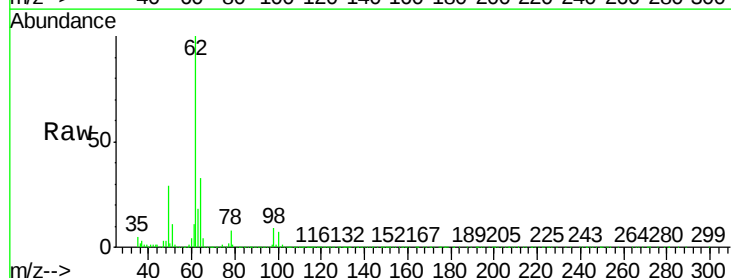
Acq: 09 Mar 2020 19:07

Tgt Ion: 62 Resp: 259840

Ion Ratio Lower Upper

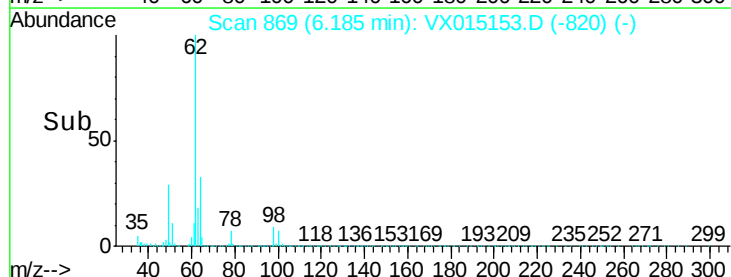
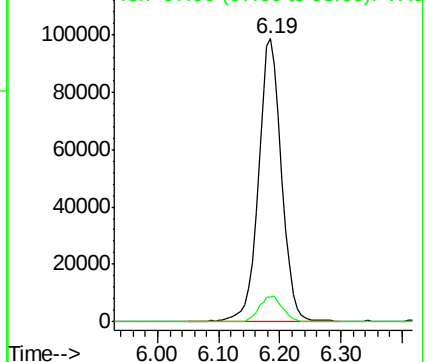
62 100

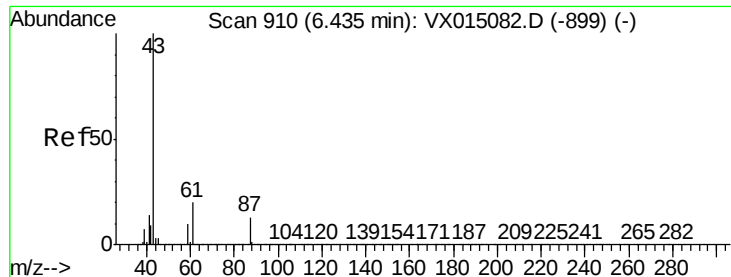
98 9.1 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.75 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

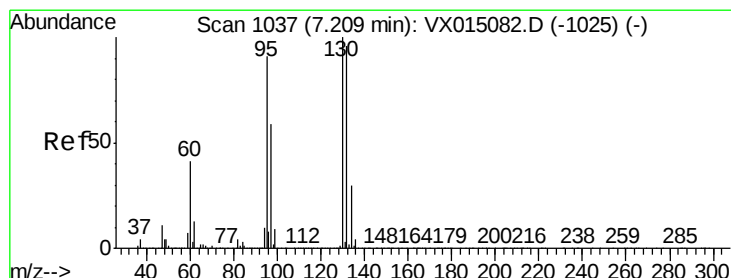
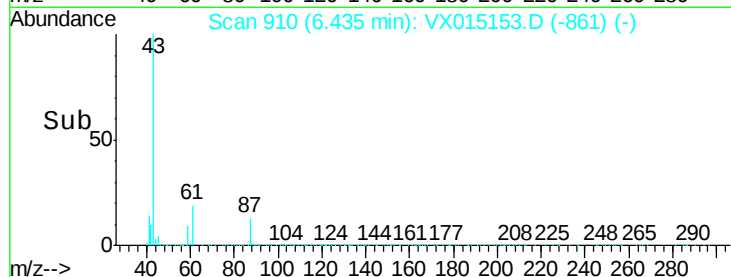
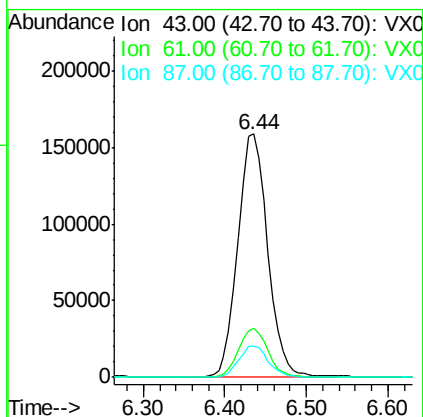
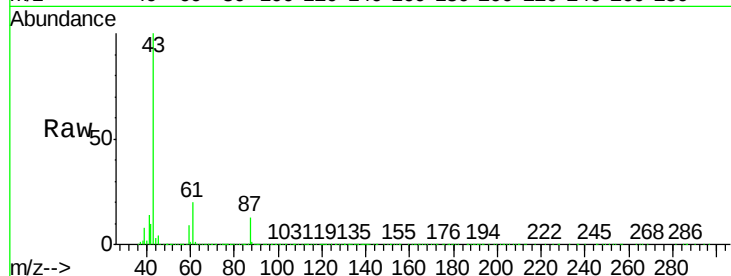
Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MSD

Tgt Ion:	43	Resp:	401861
Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.1	24.1
87	12.7	10.6	16.0



#44

Trichloroethene

Concen: 52.37 ug/l

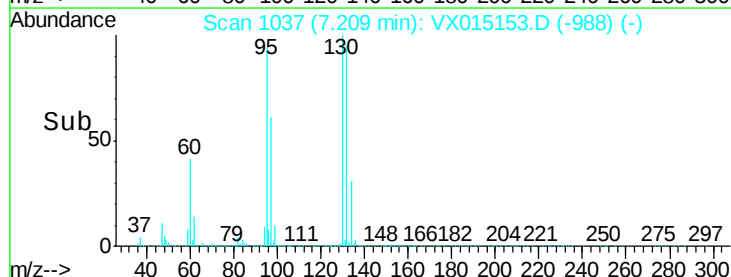
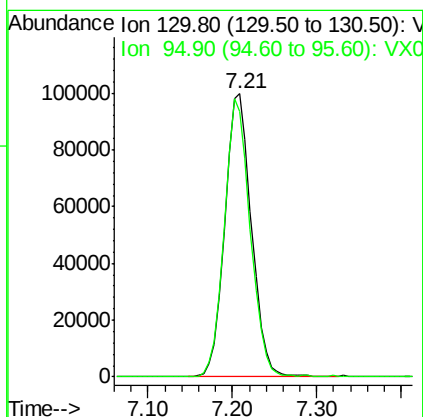
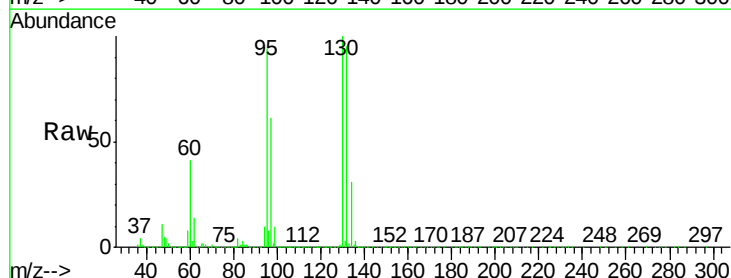
RT: 7.21 min Scan# 1037

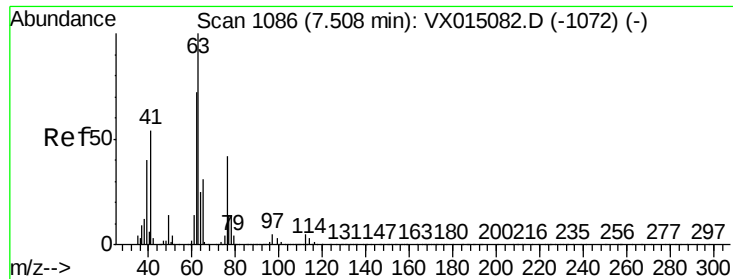
Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Tgt Ion:	130	Resp:	214166
Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	181.2

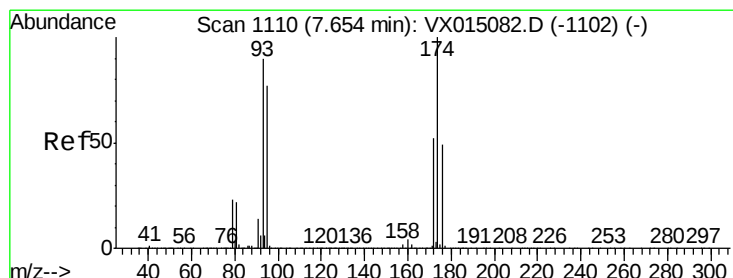
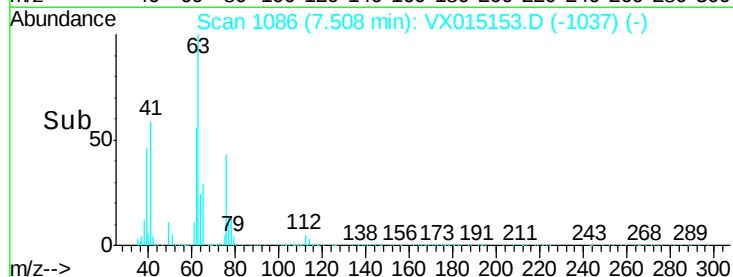
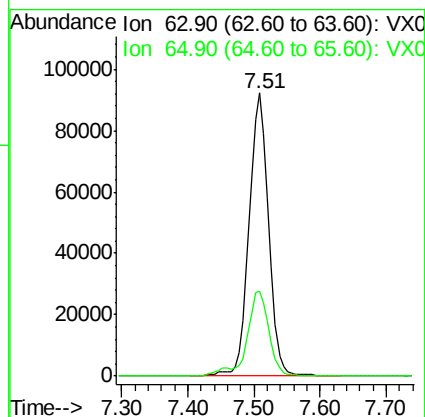
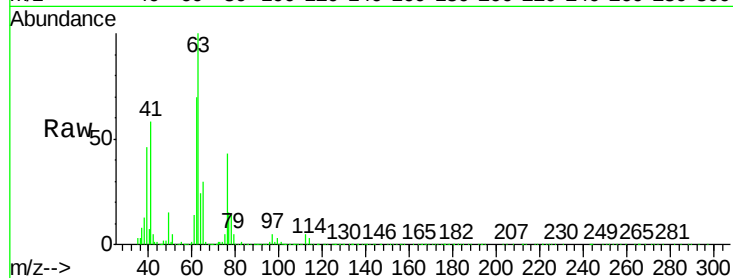




#45
 1,2-Dichloropropane
 Concen: 49.68 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015153.D
 Acq: 09 Mar 2020 19:07

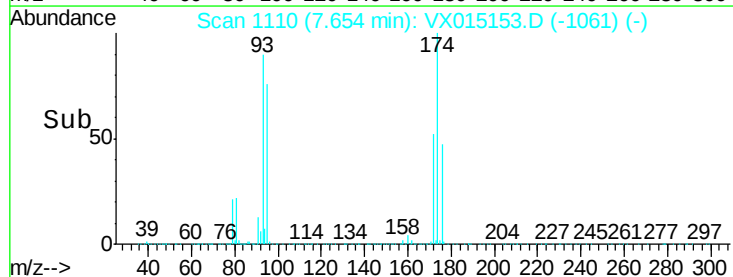
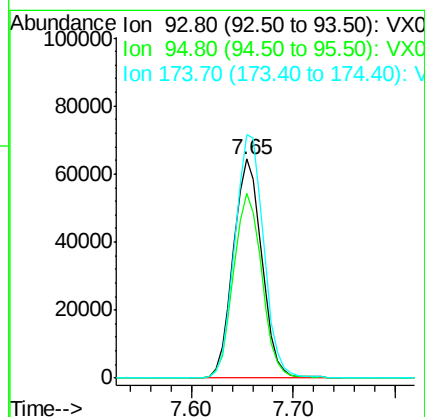
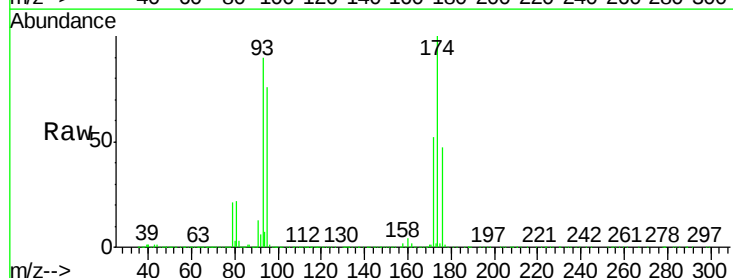
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MSD

Tgt Ion: 63 Resp: 188814
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.6 36.8



#46
 Dibromomethane
 Concen: 50.09 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015153.D
 Acq: 09 Mar 2020 19:07

Tgt Ion: 93 Resp: 124065
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.8 101.8
 174 113.2 91.0 136.4





#47

Bromodichloromethane

Concen: 51.26 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MSD

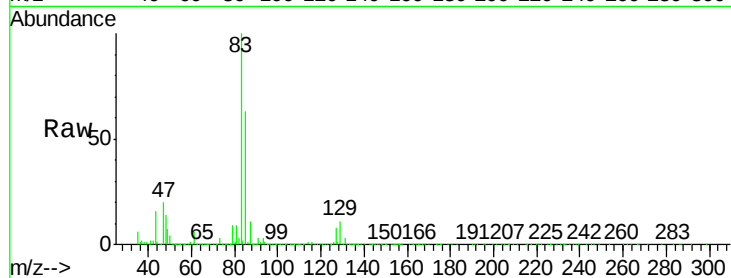
Tgt Ion: 83 Resp: 251056

Ion Ratio Lower Upper

83 100

85 63.0 50.6 75.8

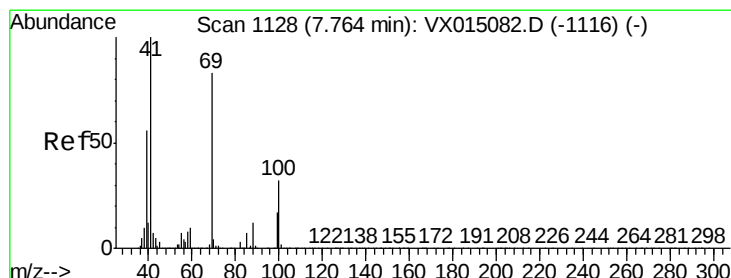
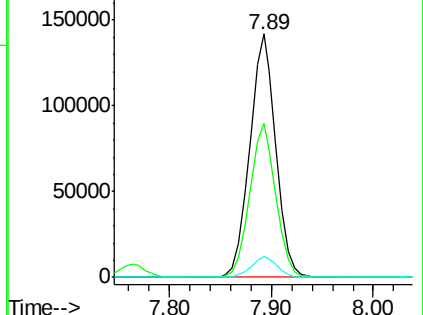
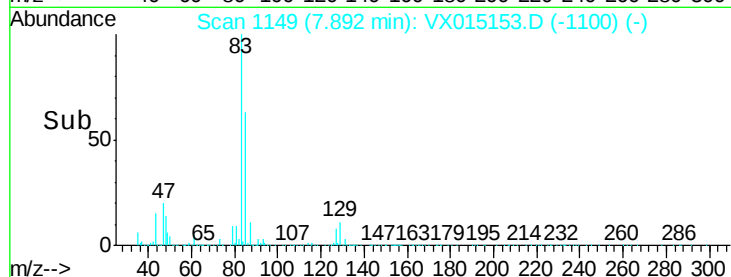
127 8.4 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX015153.D (-1100) (-)

Ion 84.90 (84.60 to 85.60): VX015153.D (-1100) (-)

Ion 126.80 (126.50 to 127.50): VX015153.D (-1100) (-)



#48

Methyl methacrylate

Concen: 50.72 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

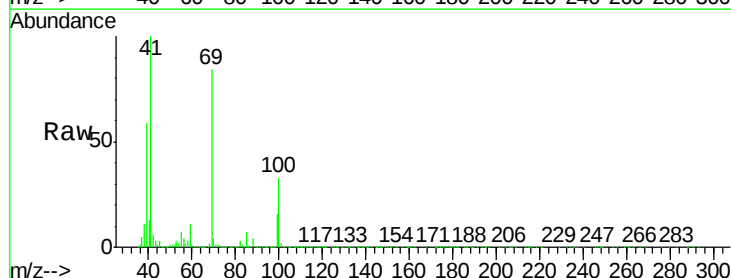
Tgt Ion: 41 Resp: 208520

Ion Ratio Lower Upper

41 100

69 81.5 65.4 98.2

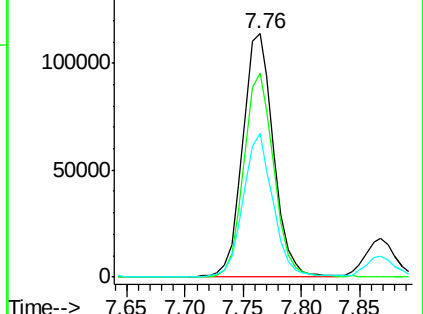
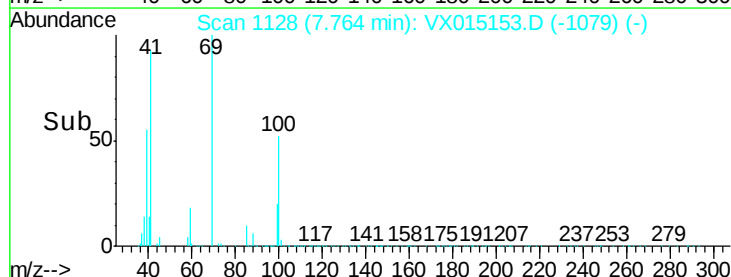
39 56.6 44.6 67.0

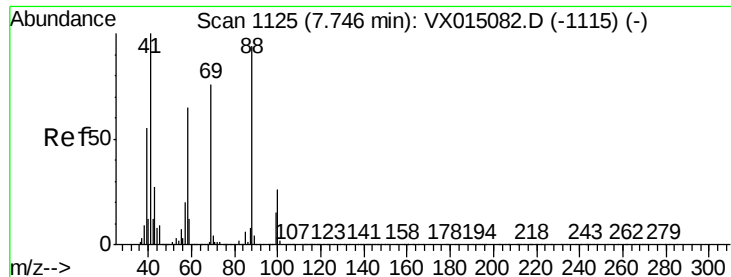


Abundance Ion 41.00 (40.70 to 41.70): VX015153.D (-1079) (-)

Ion 69.00 (68.70 to 69.70): VX015153.D (-1079) (-)

Ion 39.00 (38.70 to 39.70): VX015153.D (-1079) (-)





#49

1,4-Dioxane

Concen: 1032.29 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.01 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MSD

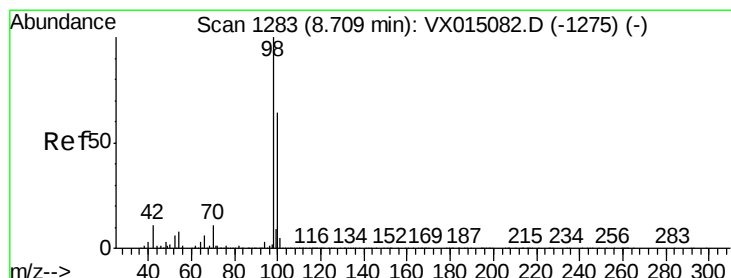
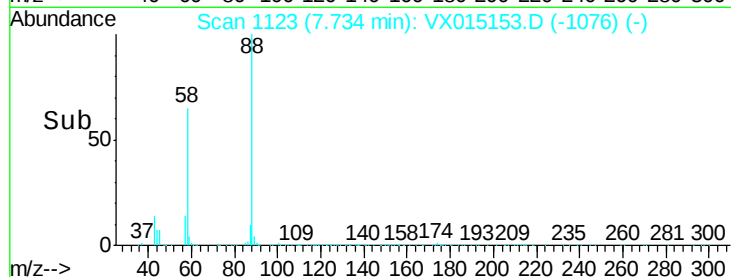
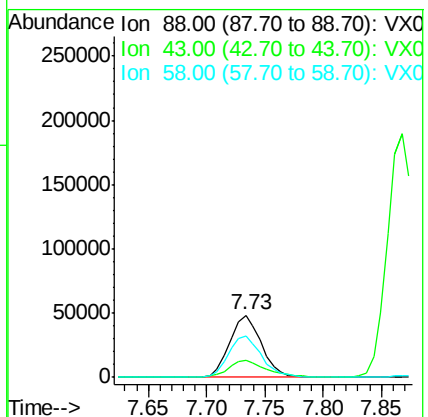
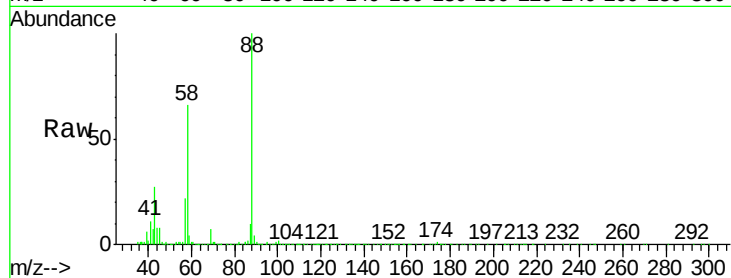
Tgt Ion: 88 Resp: 91751

Ion Ratio Lower Upper

88 100

43 32.0 27.0 40.4

58 69.2 55.6 83.4



#50

Toluene-d8

Concen: 49.24 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015153.D

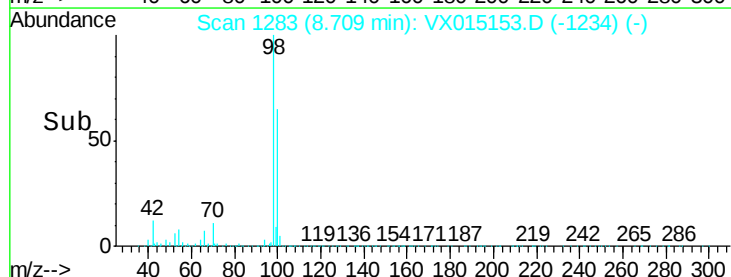
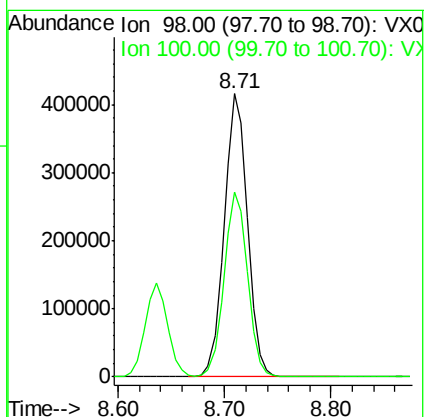
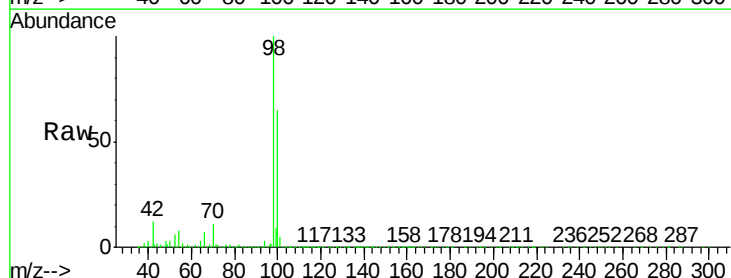
Acq: 09 Mar 2020 19:07

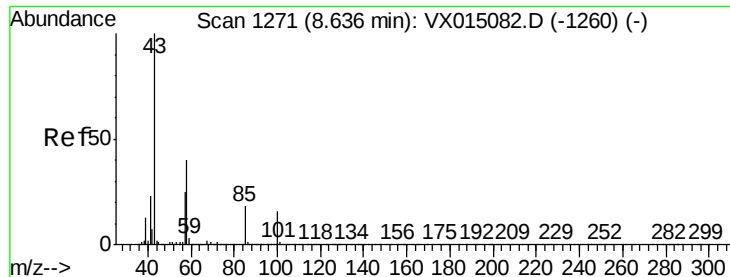
Tgt Ion: 98 Resp: 632637

Ion Ratio Lower Upper

98 100

100 65.8 52.4 78.6

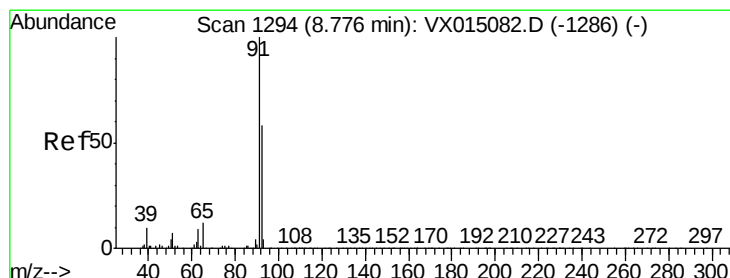
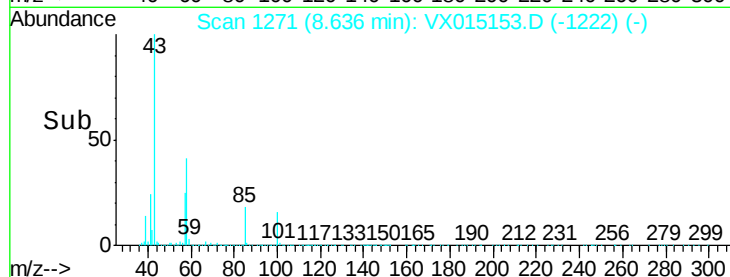
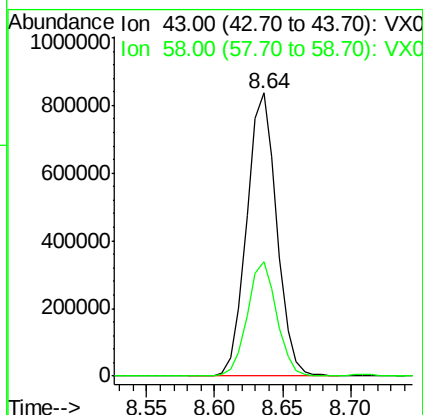
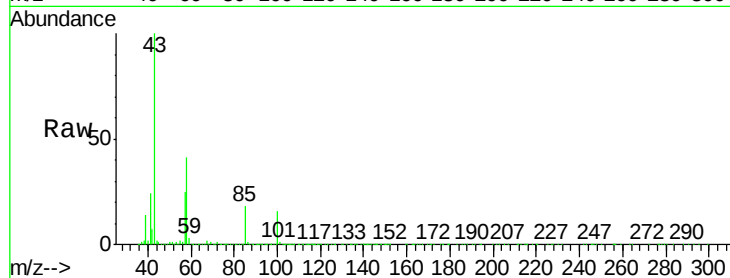




#51
4-Methyl-2-Pentanone
Concen: 270.78 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

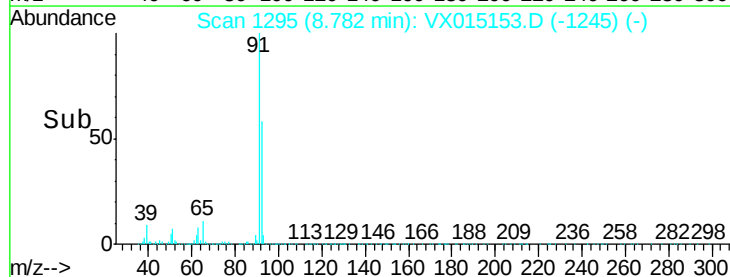
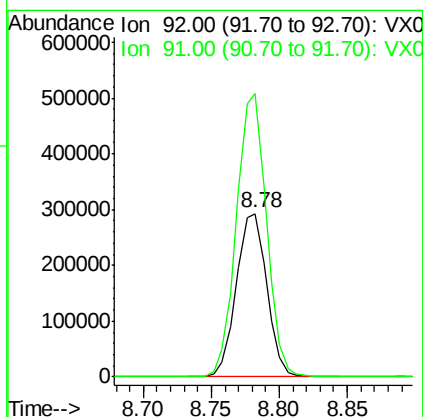
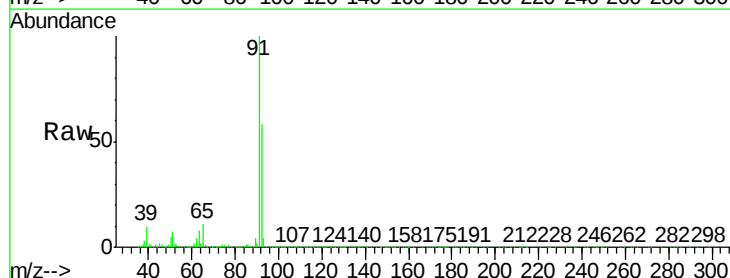
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MSD

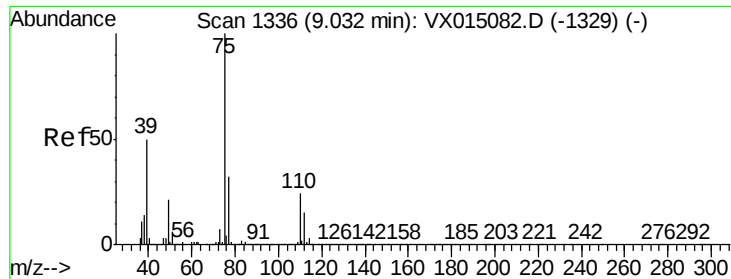
Tgt Ion: 43 Resp: 1293096
Ion Ratio Lower Upper
43 100
58 39.7 31.6 47.4



#52
Toluene
Concen: 50.99 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

Tgt Ion: 92 Resp: 457854
Ion Ratio Lower Upper
92 100
91 171.1 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 52.13 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

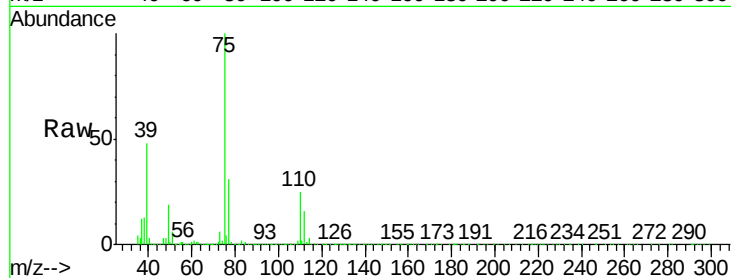
RE132D2-20200305MSD

Tgt Ion: 75 Resp: 271733

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

200000

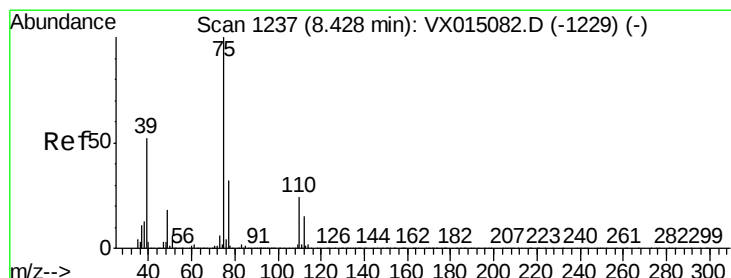
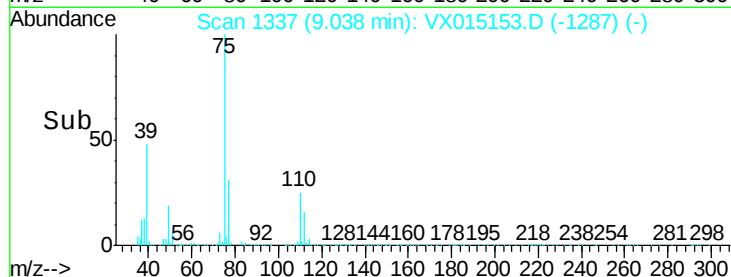
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.45 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

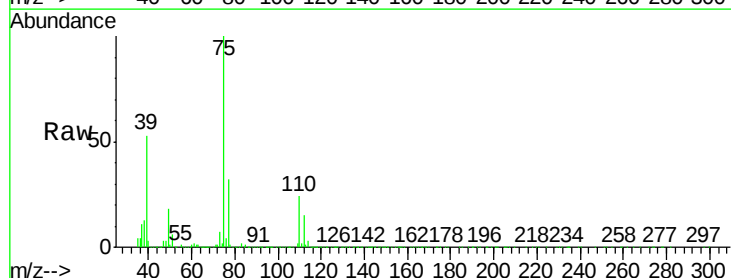
Tgt Ion: 75 Resp: 291430

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6

39 52.5 41.3 61.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

250000

200000

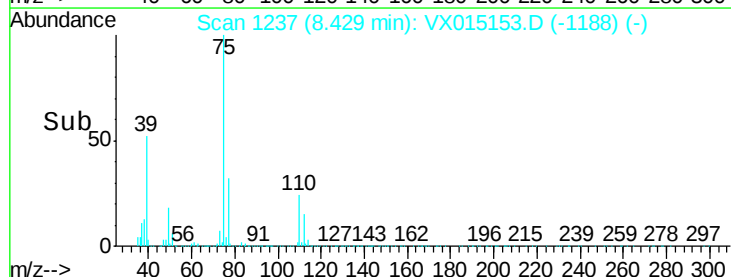
150000

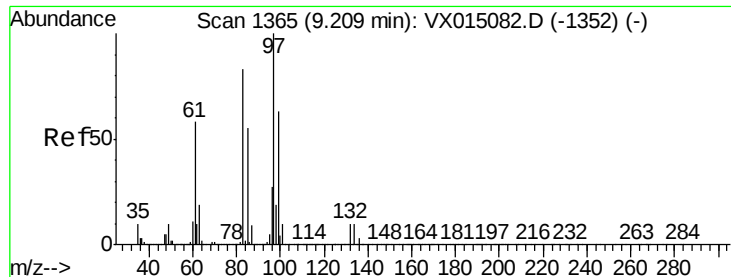
100000

50000

0

Time-->

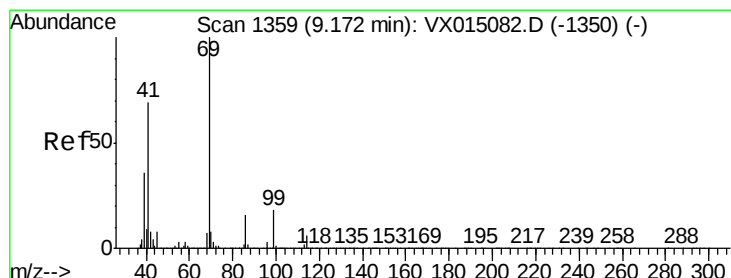
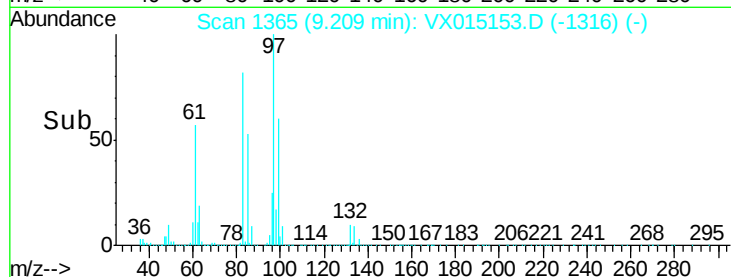
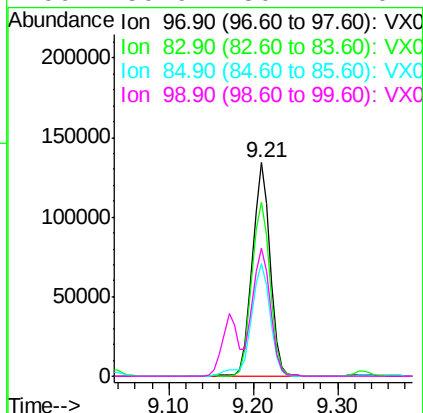
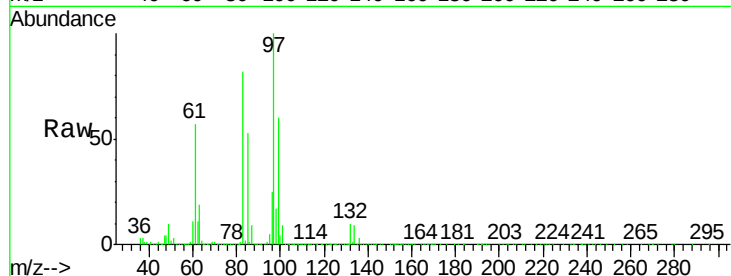




#55
 1,1,2-Trichloroethane
 Concen: 51.63 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015153.D
 Acq: 09 Mar 2020 19:07

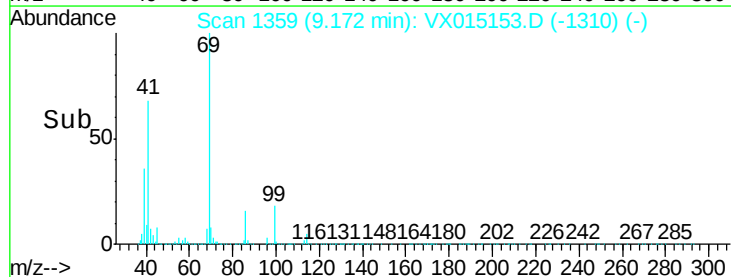
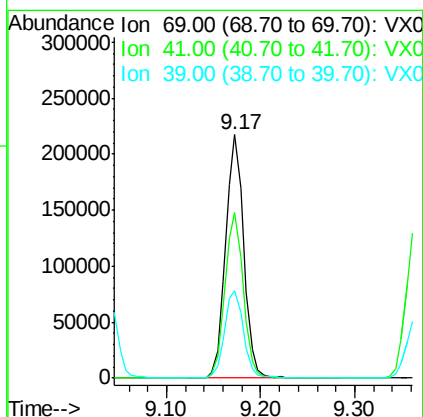
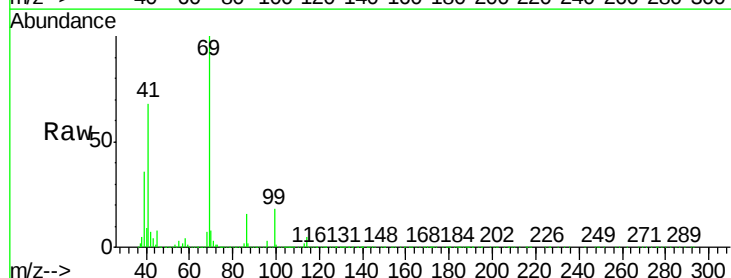
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MSD

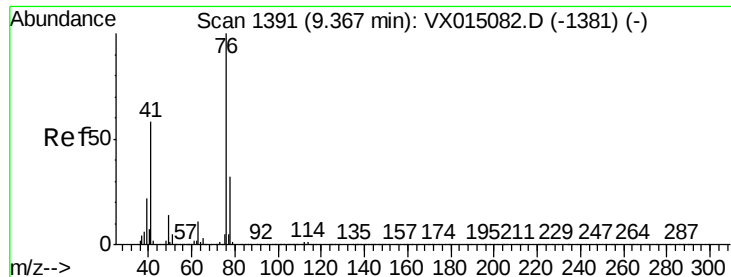
Tgt Ion:	97	Resp:	190796
Ion	Ratio	Lower	Upper
97	100		
83	81.6	66.4	99.6
85	52.9	43.5	65.3
99	59.9	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 54.95 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015153.D
 Acq: 09 Mar 2020 19:07

Tgt Ion:	69	Resp:	289652
Ion	Ratio	Lower	Upper
69	100		
41	68.4	55.8	83.8
39	37.2	29.4	44.2





#57

1,3-Dichloropropane

Concen: 50.97 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

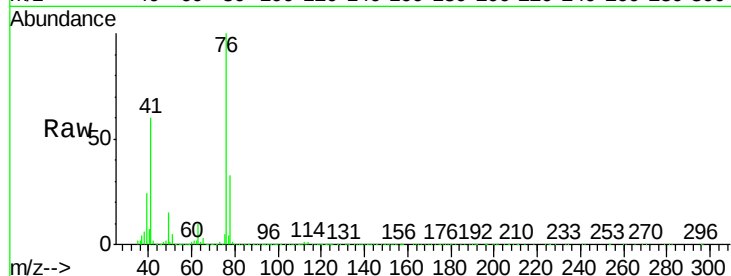
RE132D2-20200305MSD

Tgt Ion: 76 Resp: 316901

Ion Ratio Lower Upper

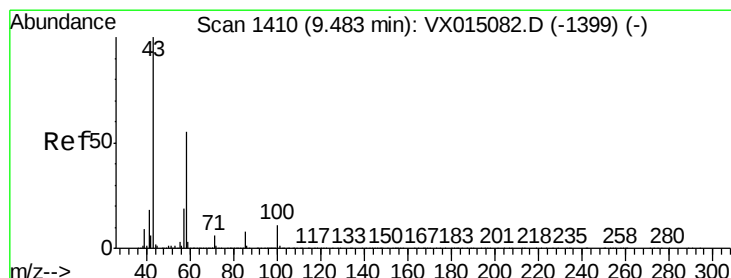
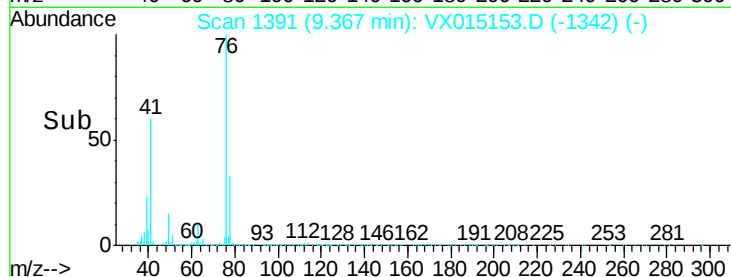
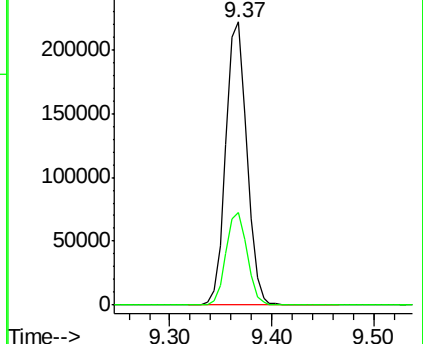
76 100

78 32.7 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 277.15 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX015153.D

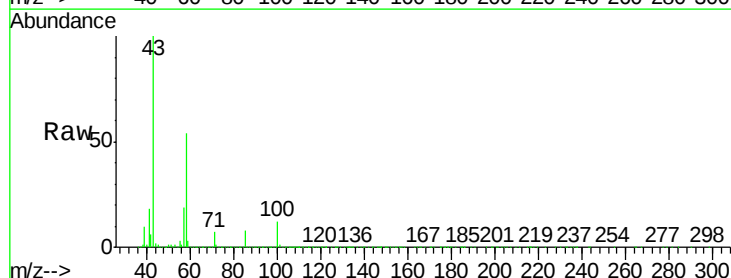
Acq: 09 Mar 2020 19:07

Tgt Ion: 43 Resp: 980987

Ion Ratio Lower Upper

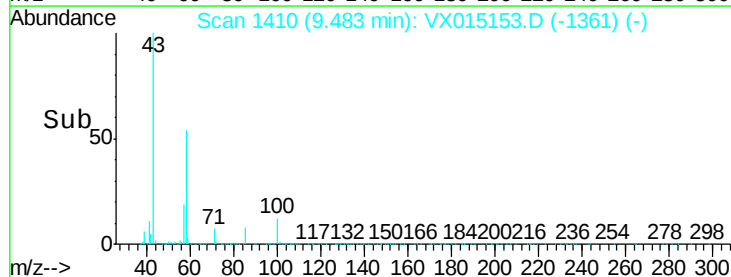
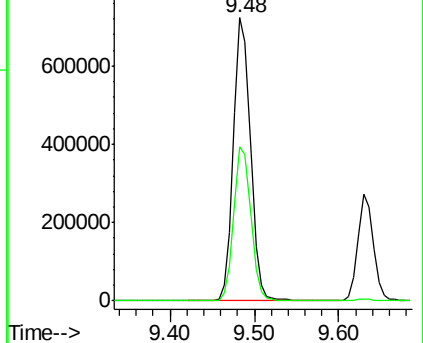
43 100

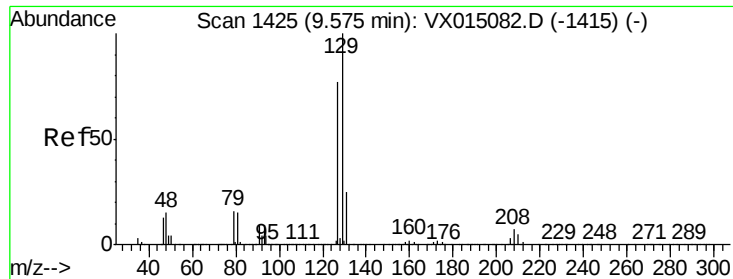
58 54.6 27.3 81.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 51.88 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

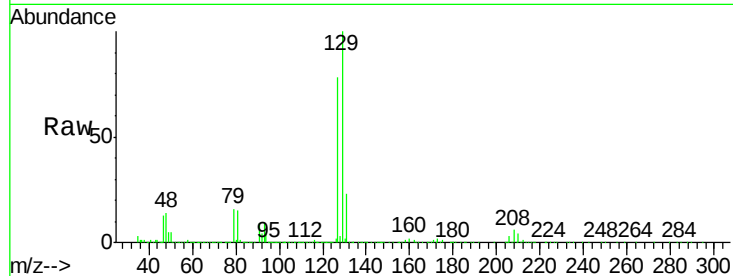
RE132D2-20200305MSD

Tgt Ion:129 Resp: 201416

Ion Ratio Lower Upper

129 100

127 77.2 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

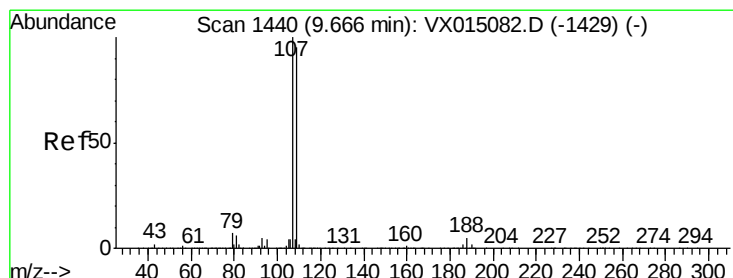
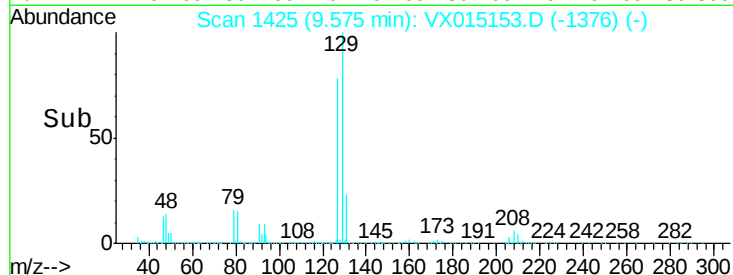
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 50.48 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015153.D

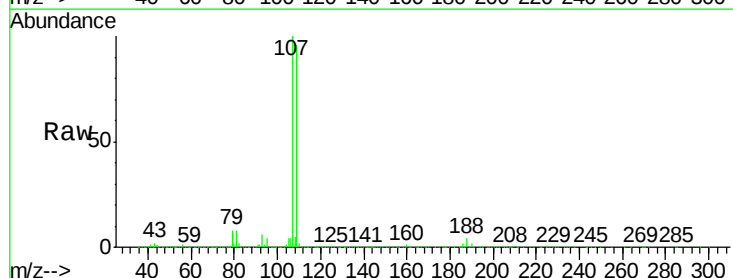
Acq: 09 Mar 2020 19:07

Tgt Ion:107 Resp: 195966

Ion Ratio Lower Upper

107 100

109 94.6 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

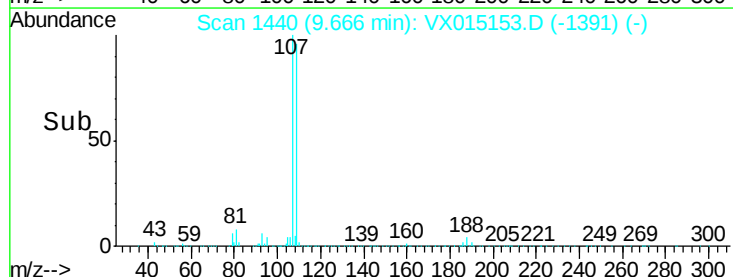
150000

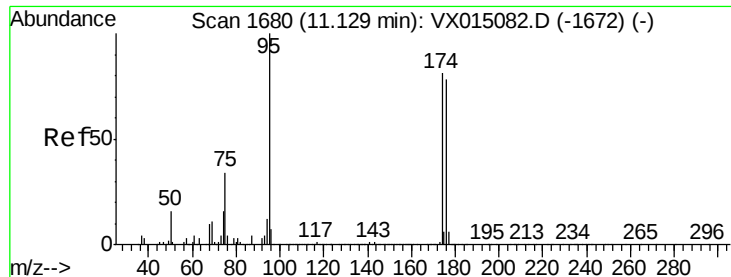
100000

50000

0

Time-->

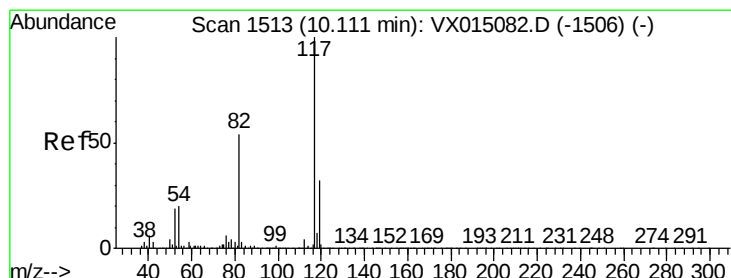
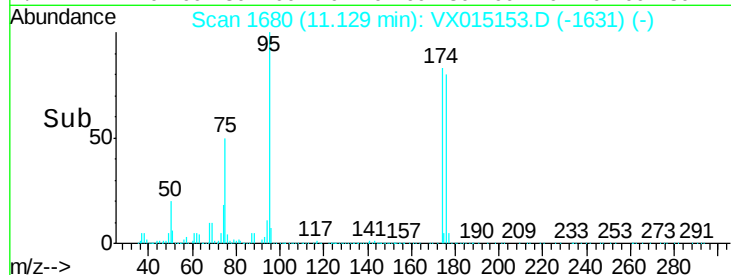
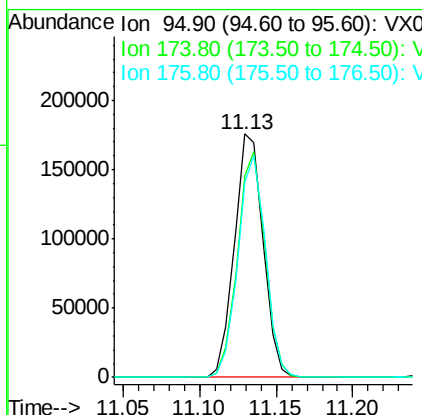
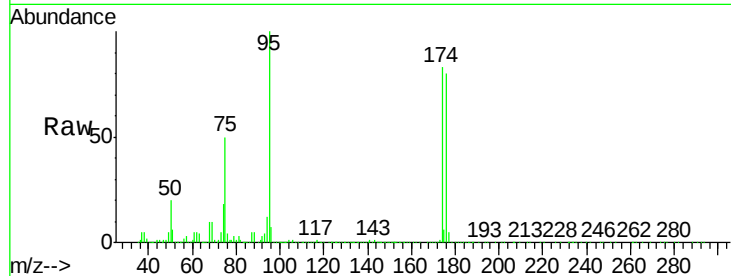




#62
4-Bromofluorobenzene
Concen: 49.88 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

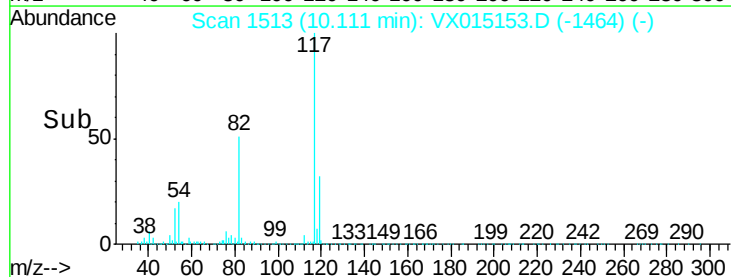
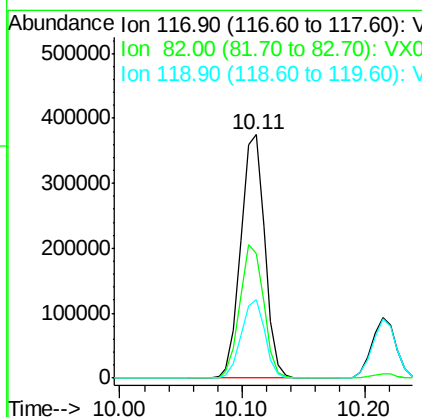
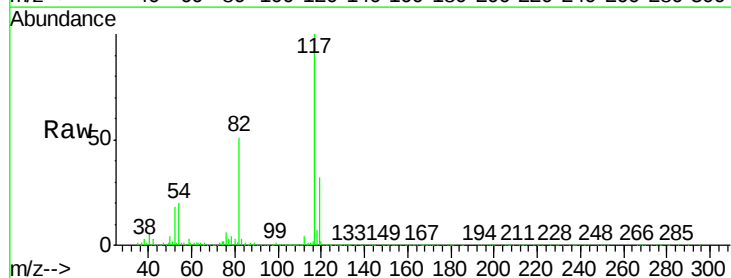
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MSD

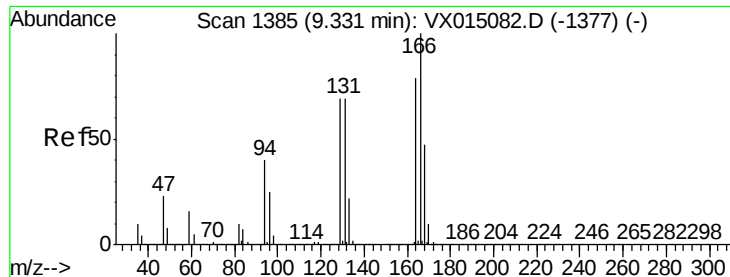
Tgt Ion: 95 Resp: 228611
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.6
176 87.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

Tgt Ion: 117 Resp: 507120
Ion Ratio Lower Upper
117 100
82 50.9 43.3 64.9
119 32.2 25.8 38.8





#64

Tetrachloroethene

Concen: 46.76 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MSD

Tgt Ion:164 Resp: 196064

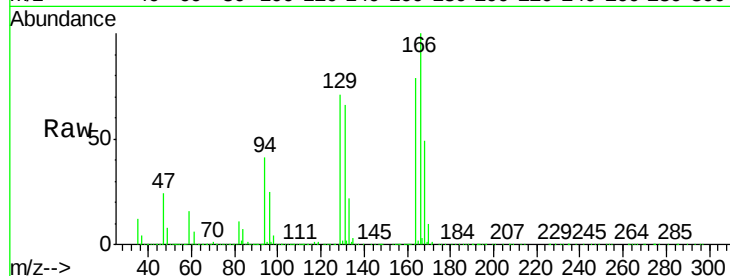
Ion Ratio Lower Upper

164 100

166 126.9 101.1 151.7

129 90.7 69.4 104.0

131 83.6 69.8 104.8

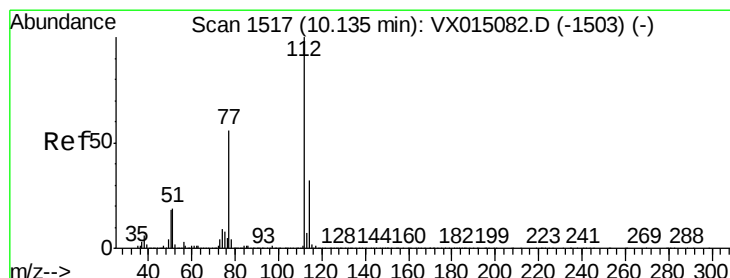
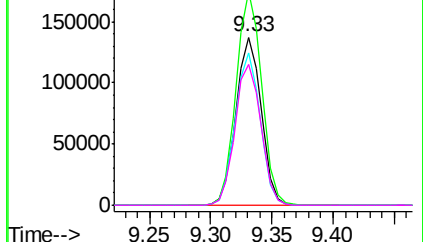
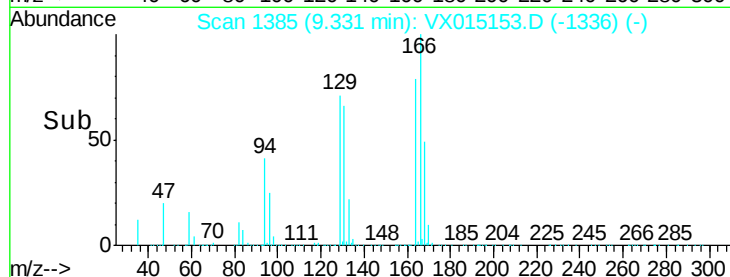


Abundance Ion 163.80 (163.50 to 164.50): V

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: 48.75 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015153.D

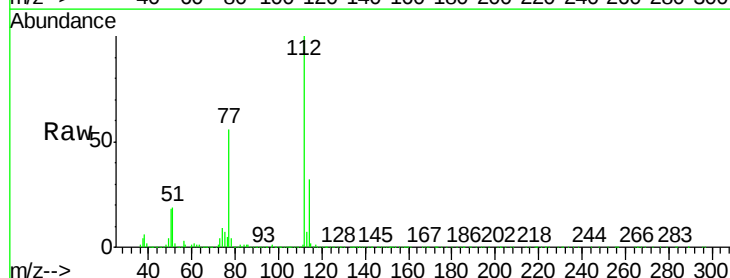
Acq: 09 Mar 2020 19:07

Tgt Ion:112 Resp: 496377

Ion Ratio Lower Upper

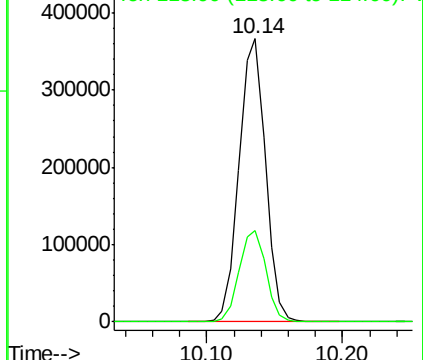
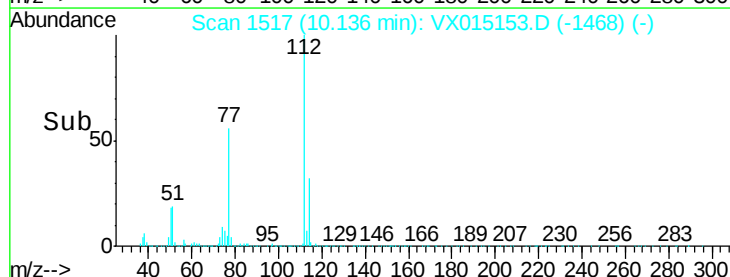
112 100

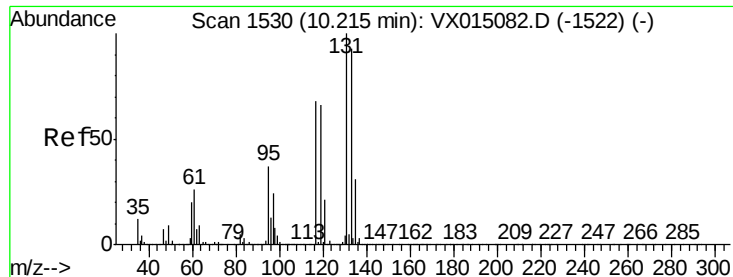
114 32.3 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

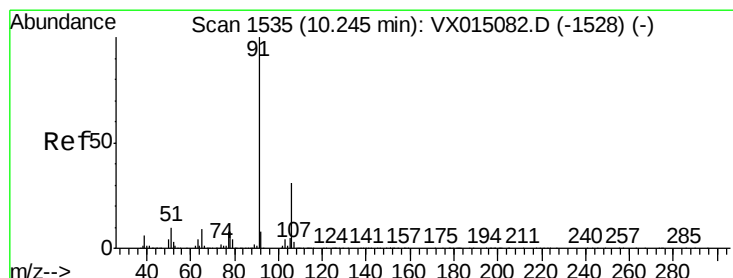
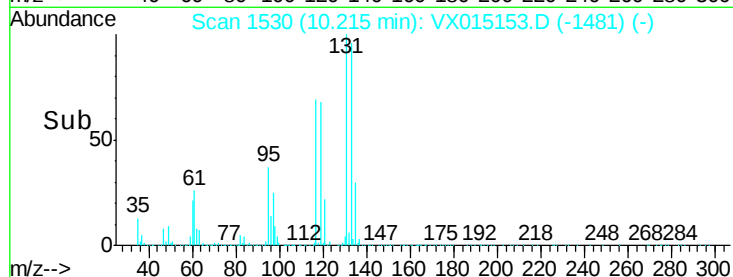
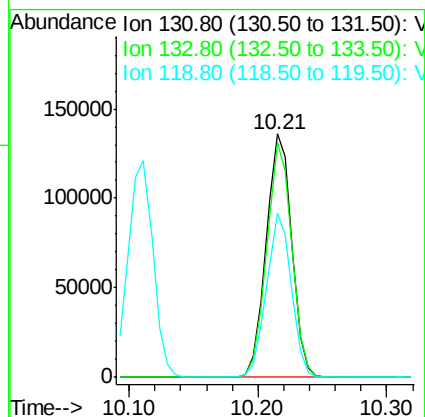
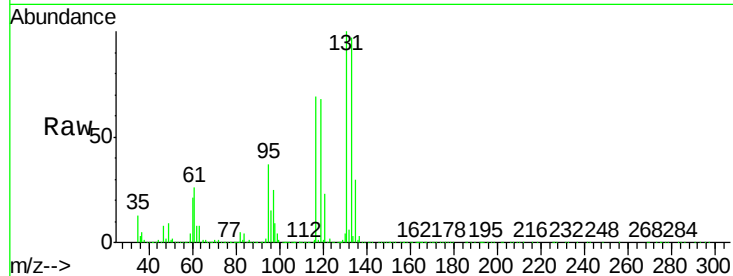




#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.73 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX015153.D
 Acq: 09 Mar 2020 19:07

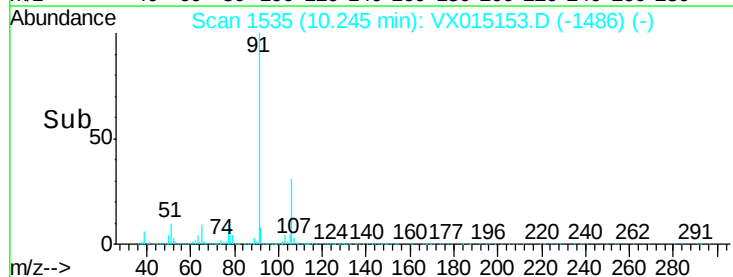
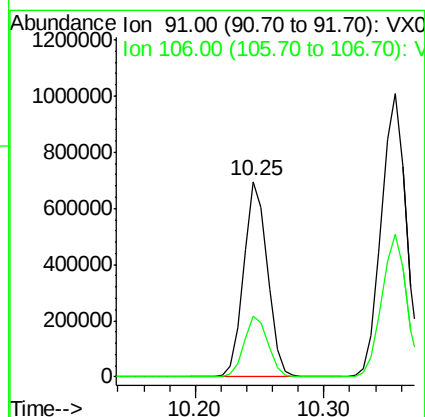
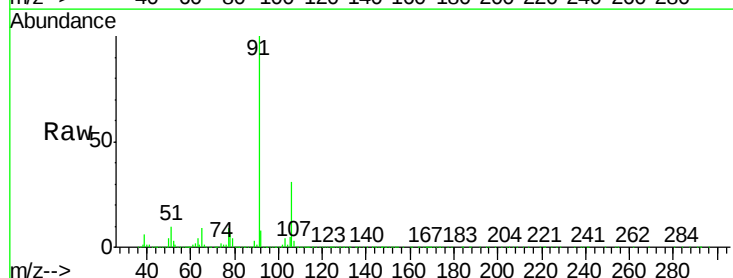
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MSD

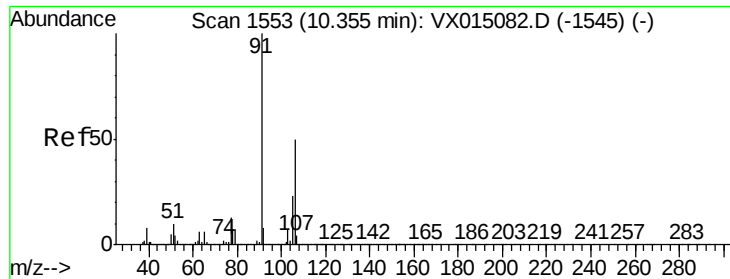
Tgt Ion:131 Resp: 187061
 Ion Ratio Lower Upper
 131 100
 133 94.7 47.5 142.5
 119 65.4 33.4 100.1



#67
 Ethyl Benzene
 Concen: 50.99 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX015153.D
 Acq: 09 Mar 2020 19:07

Tgt Ion: 91 Resp: 881508
 Ion Ratio Lower Upper
 91 100
 106 30.8 24.9 37.3





#68

m/p-Xylenes

Concen: 102.23 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

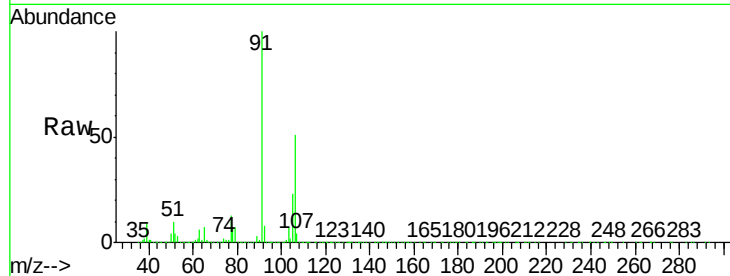
RE132D2-20200305MSD

Tgt Ion:106 Resp: 672434

Ion Ratio Lower Upper

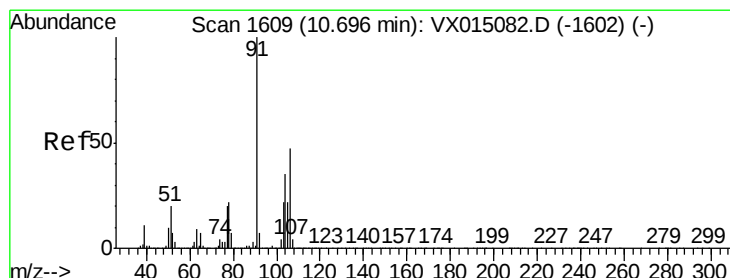
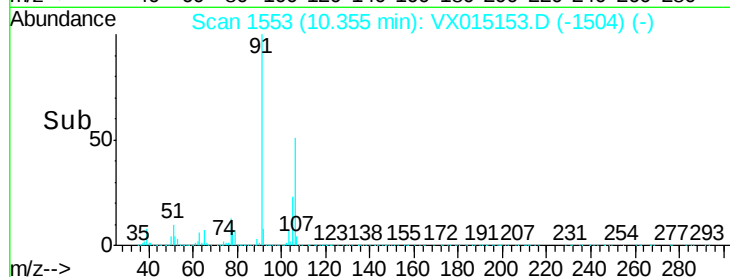
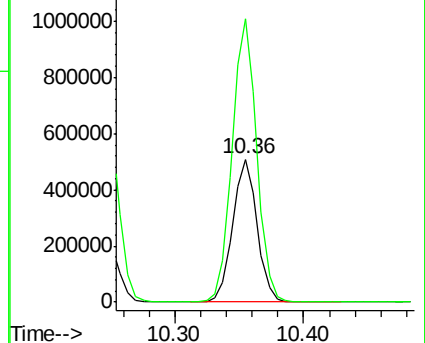
106 100

91 200.0 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 50.56 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX015153.D

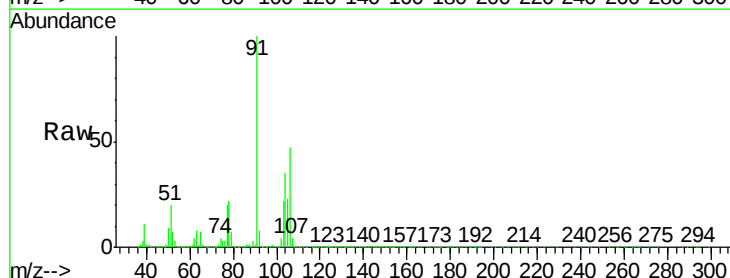
Acq: 09 Mar 2020 19:07

Tgt Ion:106 Resp: 318442

Ion Ratio Lower Upper

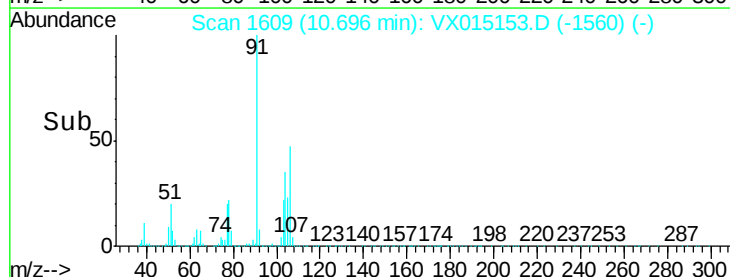
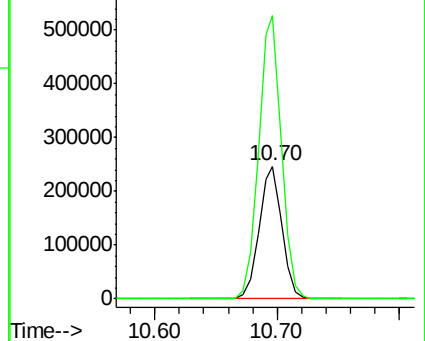
106 100

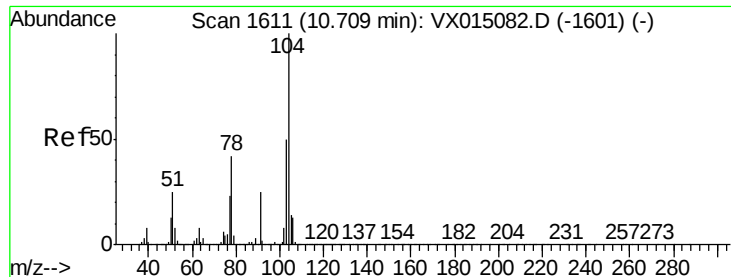
91 214.2 105.4 316.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Styrene

Concen: 51.87 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MSD

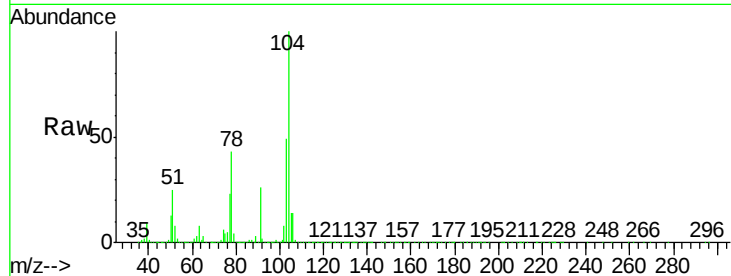
Tgt Ion:104 Resp: 560102

Ion Ratio Lower Upper

104 100

78 49.0 39.0 58.4

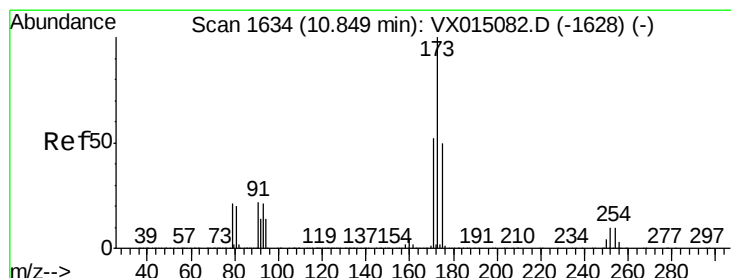
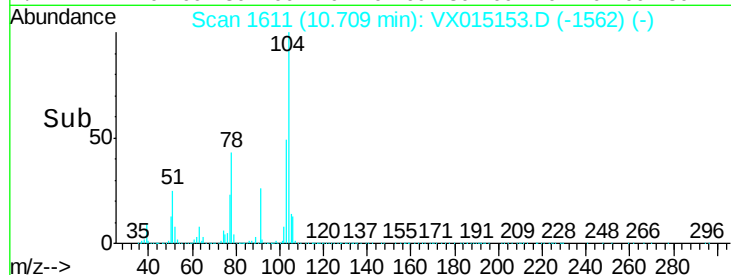
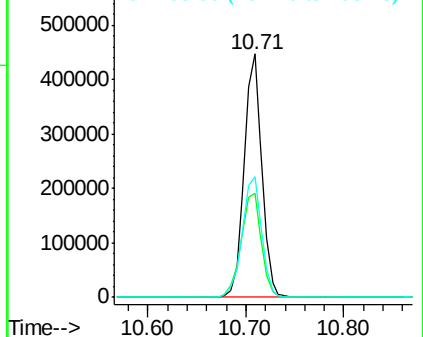
103 54.5 43.7 65.5



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: 51.91 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

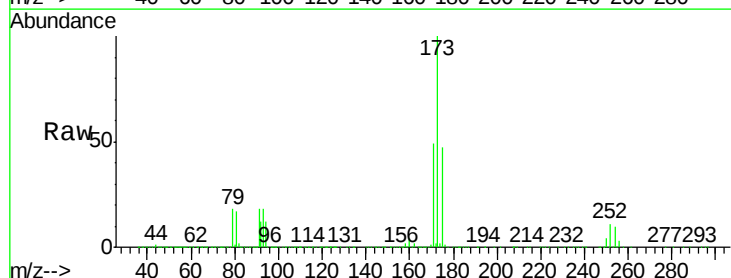
Tgt Ion:173 Resp: 154536

Ion Ratio Lower Upper

173 100

175 47.6 24.9 74.7

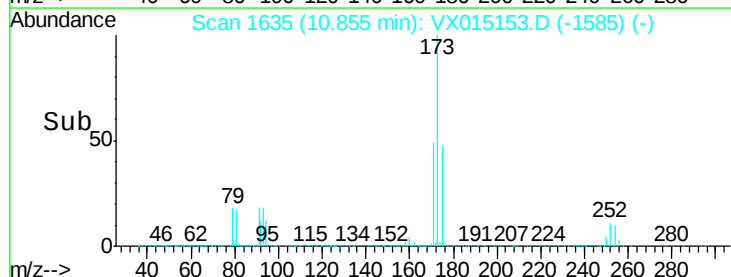
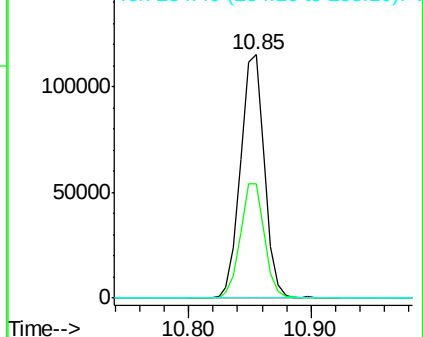
254 0.2 0.2 0.2

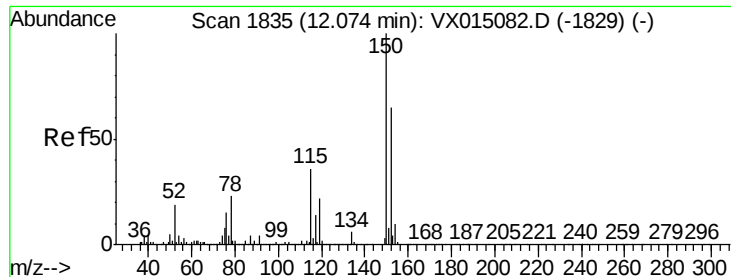


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MSD

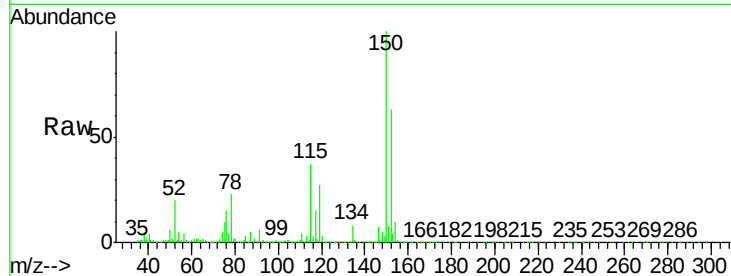
Tgt Ion:152 Resp: 268535

Ion Ratio Lower Upper

152 100

115 76.5 38.2 114.6

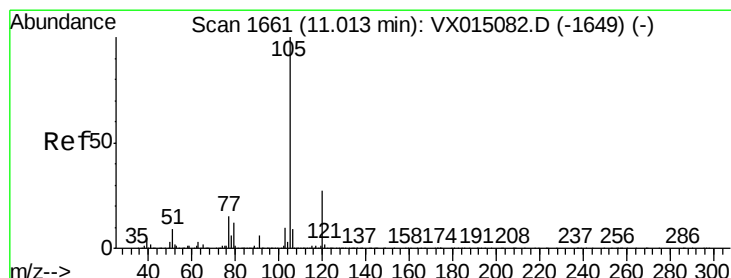
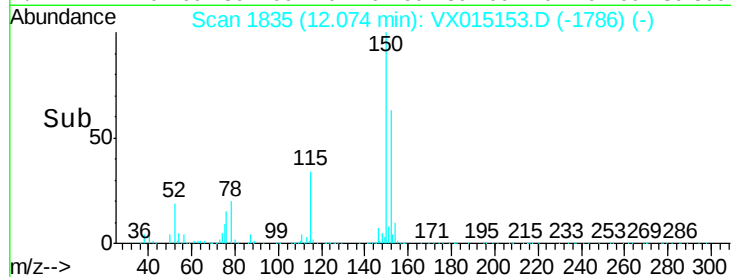
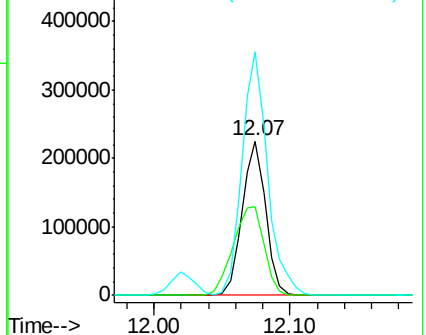
150 173.6 0.0 343.8



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: 49.96 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015153.D

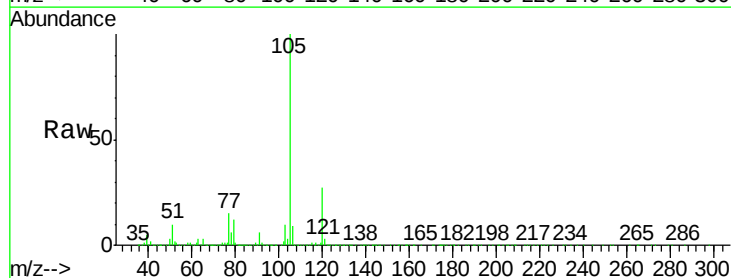
Acq: 09 Mar 2020 19:07

Tgt Ion:105 Resp: 857012

Ion Ratio Lower Upper

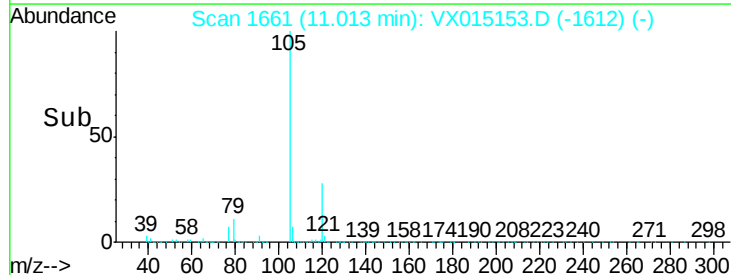
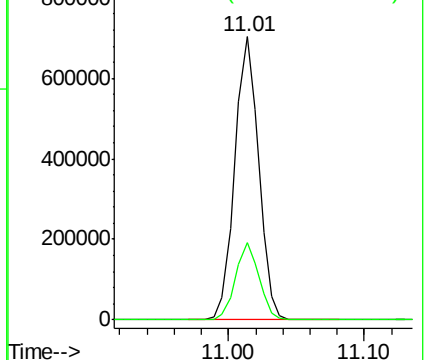
105 100

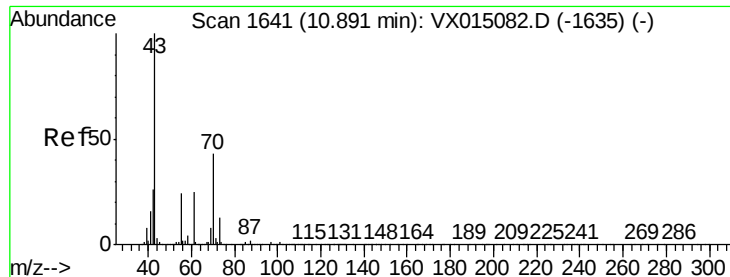
120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 47.46 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MSD

Tgt Ion: 43 Resp: 343093

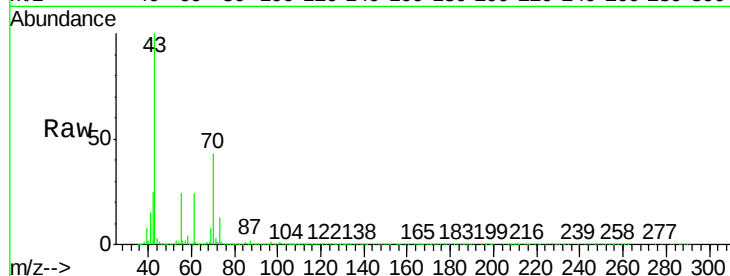
Ion Ratio Lower Upper

43 100

70 43.1 34.7 52.1

55 24.4 19.4 29.0

61 24.6 19.0 28.6

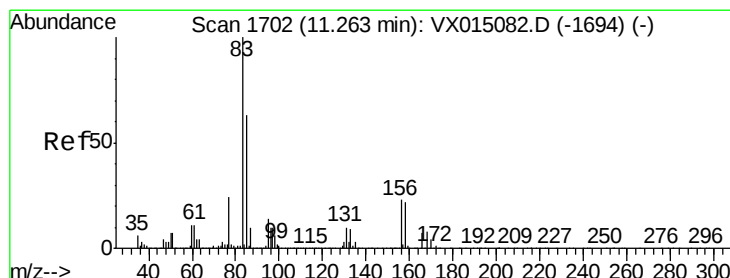
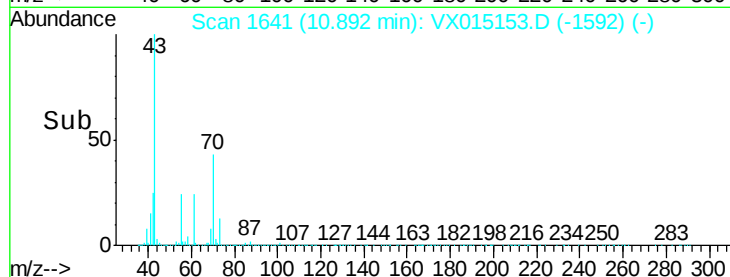
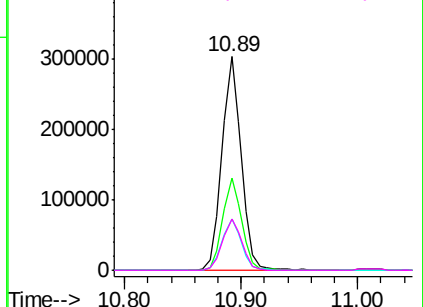


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.48 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

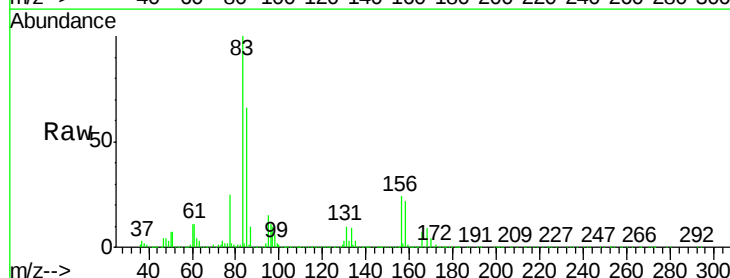
Tgt Ion: 83 Resp: 277149

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

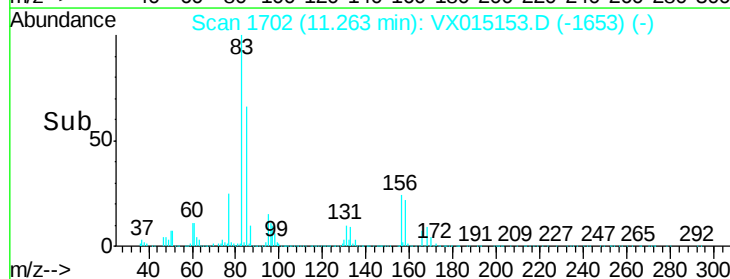
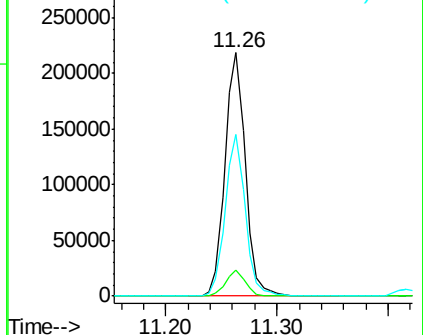
85 65.3 31.9 95.9

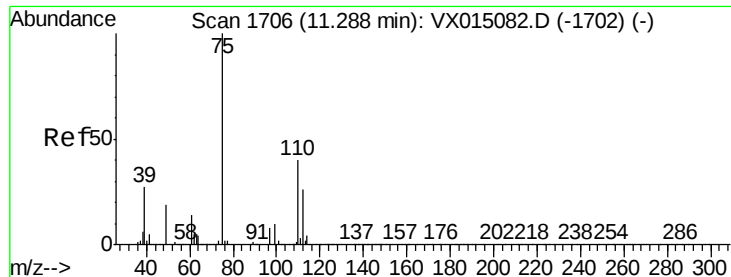


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 59.07 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

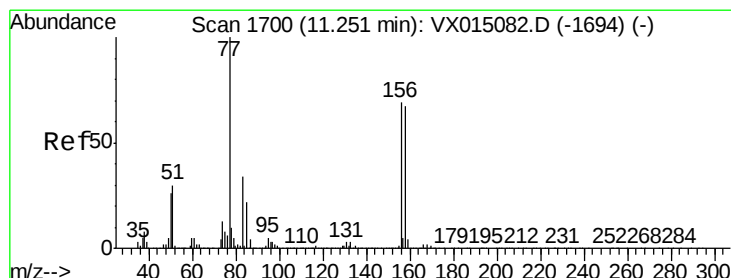
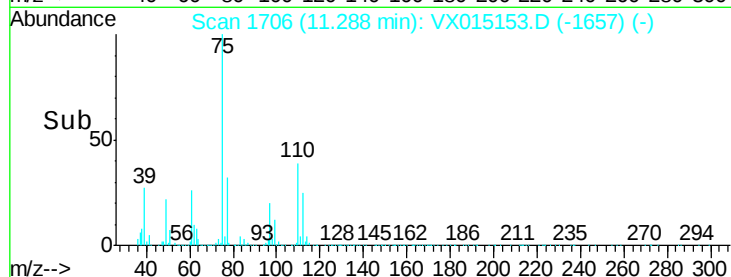
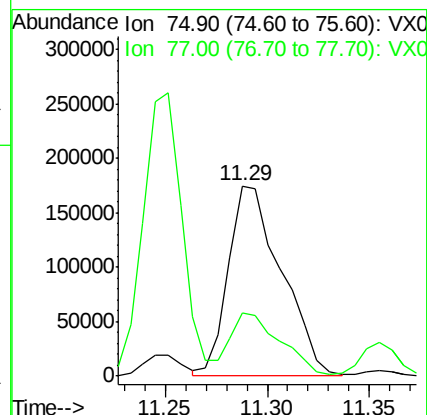
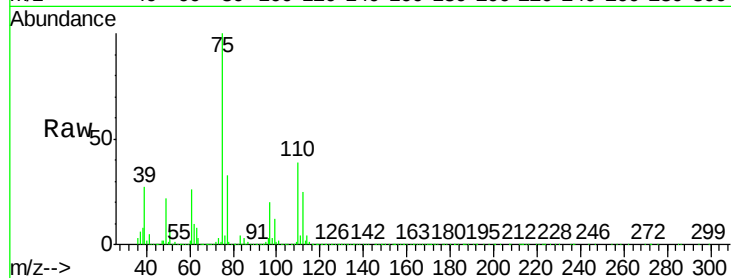
RE132D2-20200305MSD

Tgt Ion: 75 Resp: 316404

Ion Ratio Lower Upper

75 100

77 30.7 22.6 67.8



#77

Bromobenzene

Concen: 47.25 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

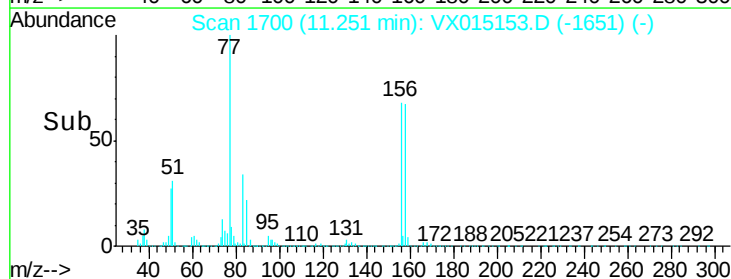
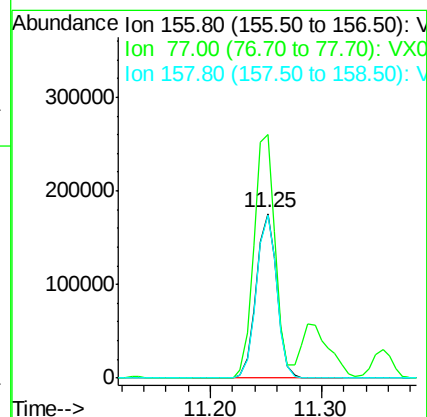
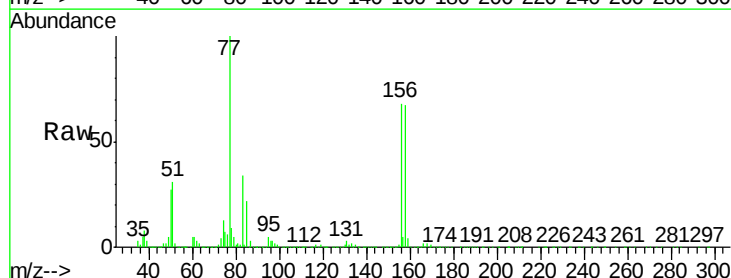
Tgt Ion: 156 Resp: 225906

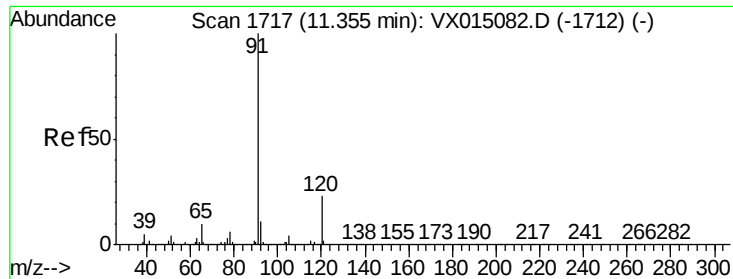
Ion Ratio Lower Upper

156 100

77 153.7 75.3 225.9

158 98.1 48.5 145.6





#78

n-propylbenzene

Concen: 50.53 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

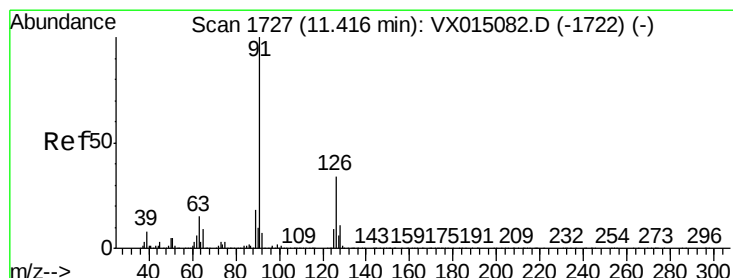
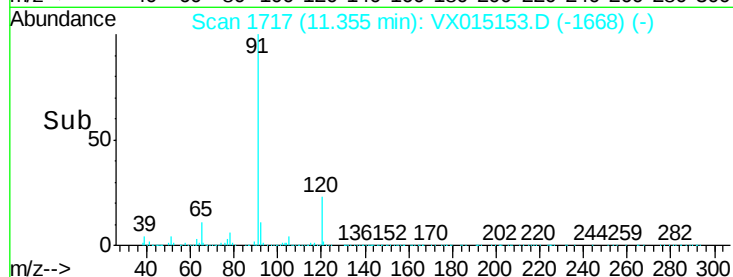
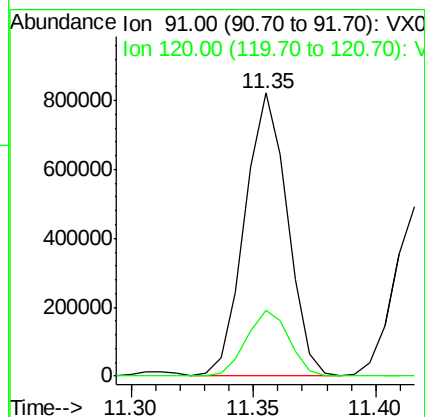
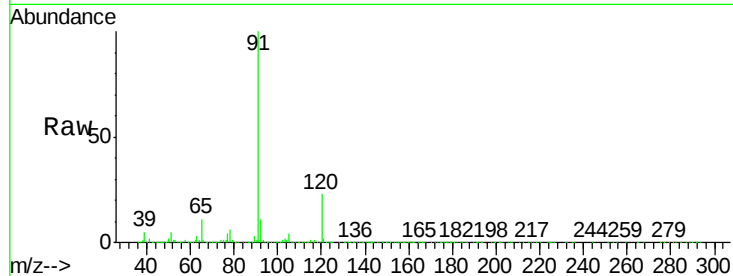
RE132D2-20200305MSD

Tgt Ion: 91 Resp: 990251

Ion Ratio Lower Upper

91 100

120 23.5 11.7 35.1



#79

2-Chlorotoluene

Concen: 49.79 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015153.D

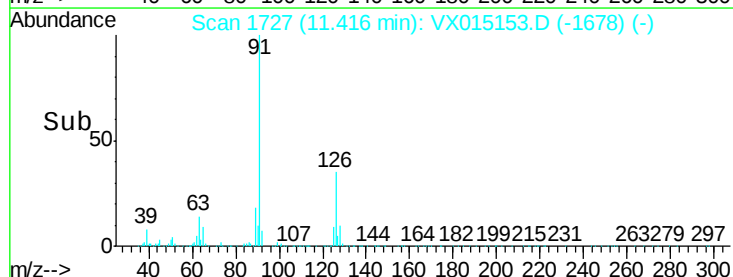
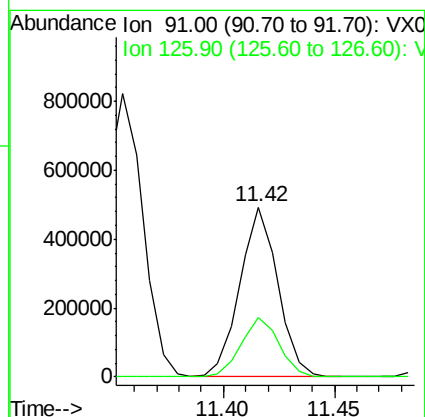
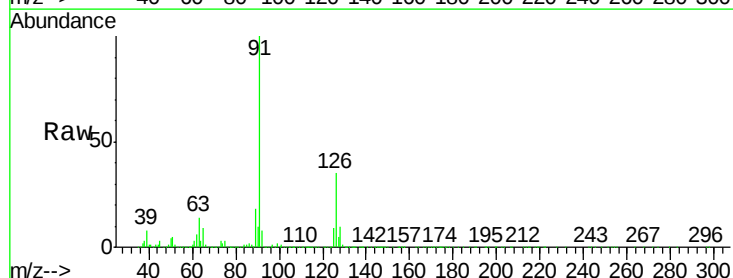
Acq: 09 Mar 2020 19:07

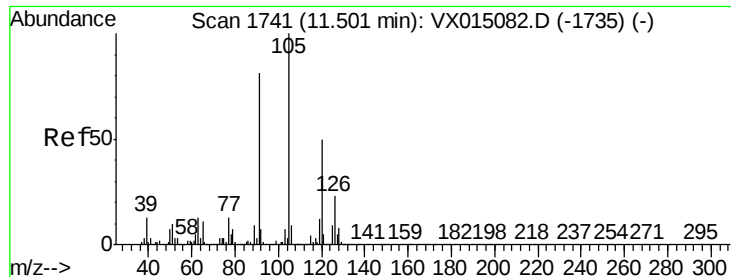
Tgt Ion: 91 Resp: 582779

Ion Ratio Lower Upper

91 100

126 35.2 17.3 52.0

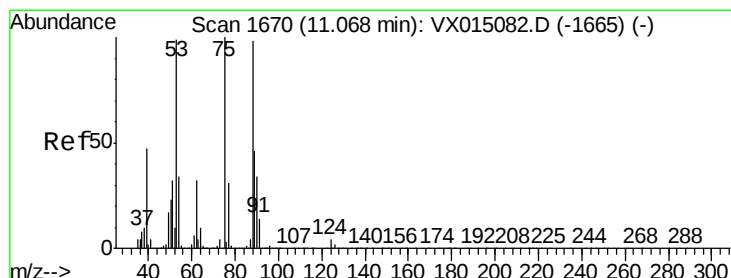
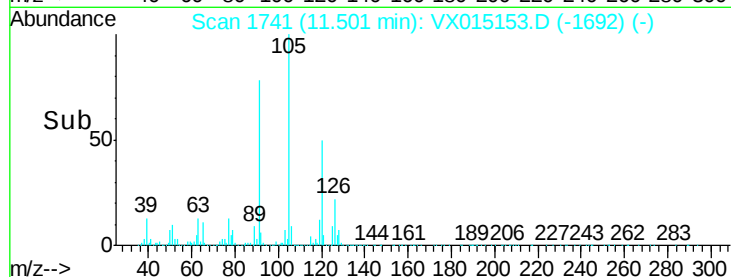
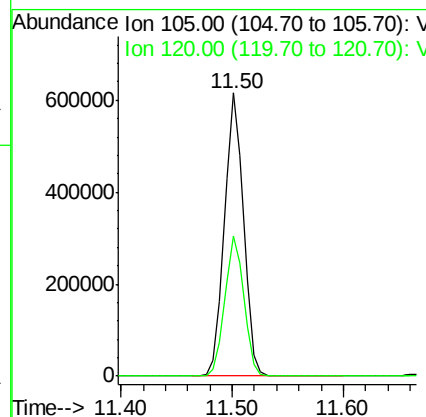
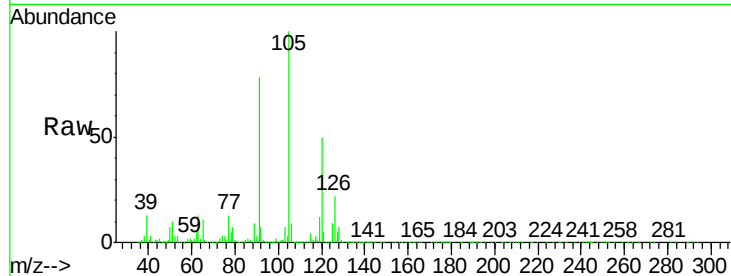




#80
 1,3,5-Trimethylbenzene
 Concen: 50.95 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015153.D
 Acq: 09 Mar 2020 19:07

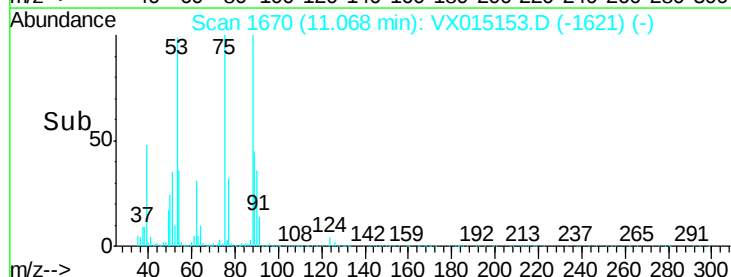
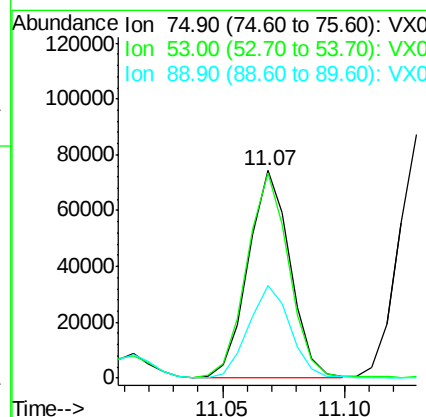
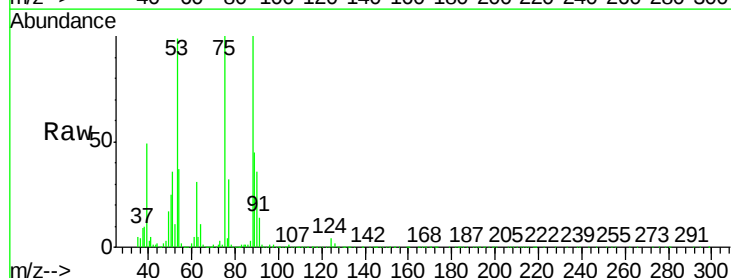
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MSD

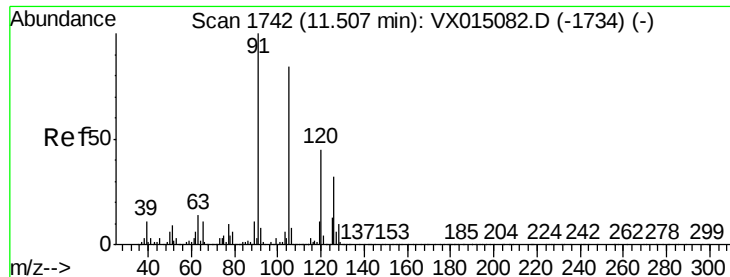
Tgt Ion: 105 Resp: 727540
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.1 75.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.06 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX015153.D
 Acq: 09 Mar 2020 19:07

Tgt Ion: 75 Resp: 88815
 Ion Ratio Lower Upper
 75 100
 53 98.9 77.9 116.9
 89 45.1 36.2 54.2

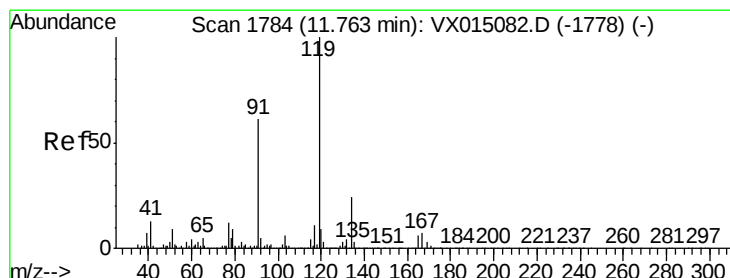
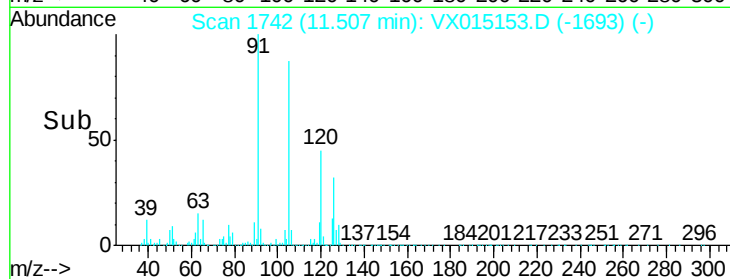
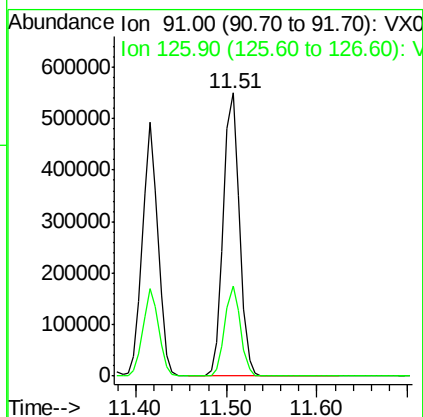
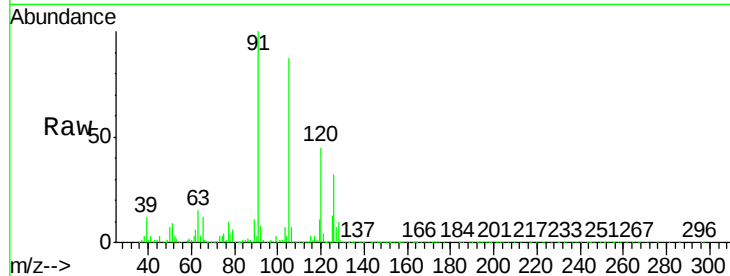




#82
4-Chlorotoluene
Concen: 49.58 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

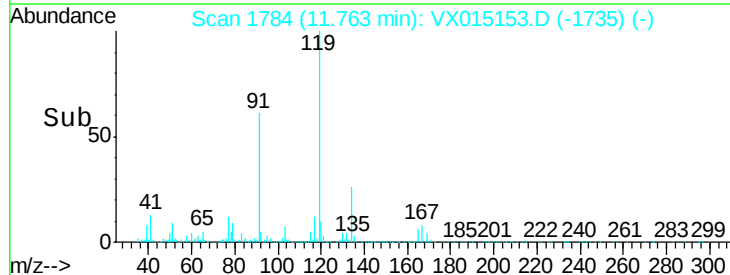
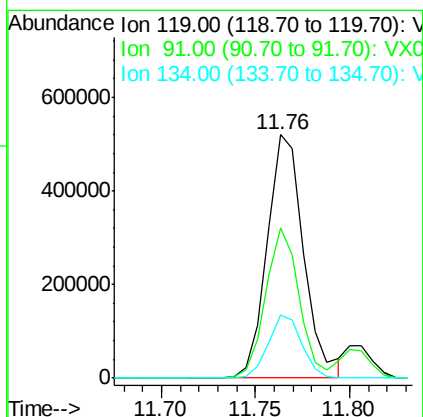
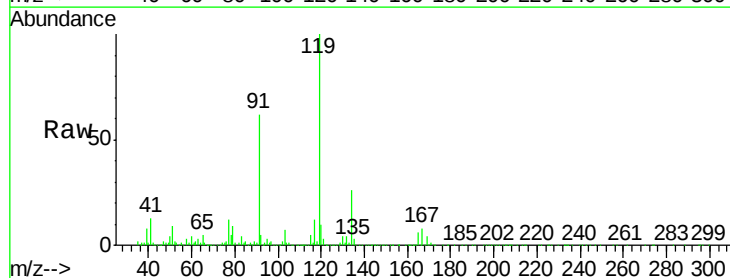
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MSD

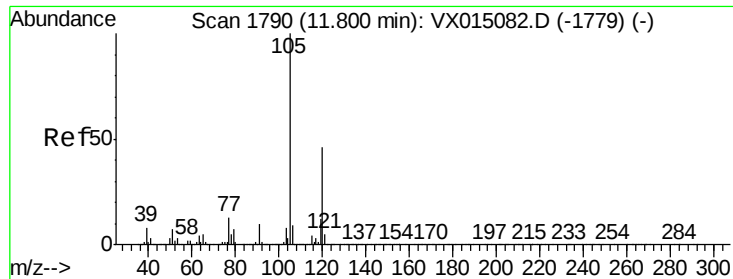
Tgt Ion: 91 Resp: 685508
Ion Ratio Lower Upper
91 100
126 30.9 15.4 46.2



#83
tert-Butylbenzene
Concen: 50.70 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

Tgt Ion: 119 Resp: 700003
Ion Ratio Lower Upper
119 100
91 56.2 28.5 85.6
134 24.0 11.9 35.7

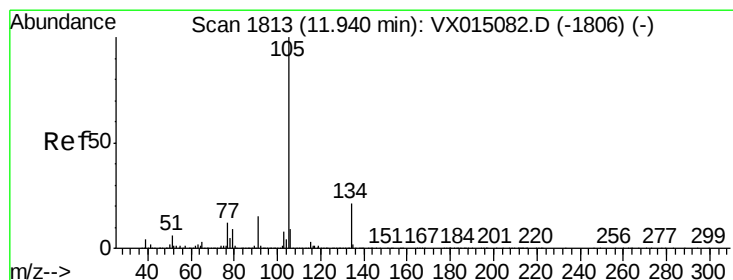
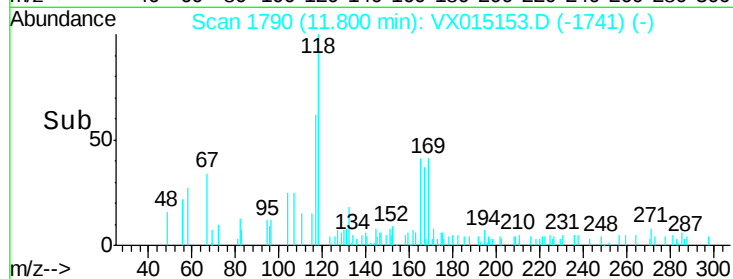
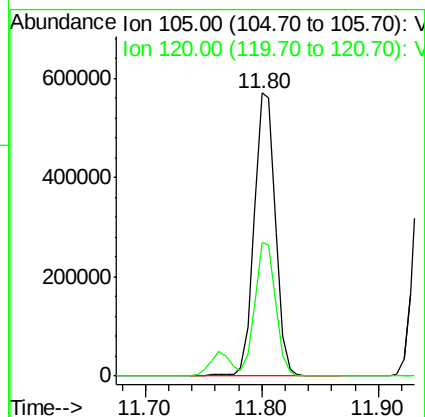
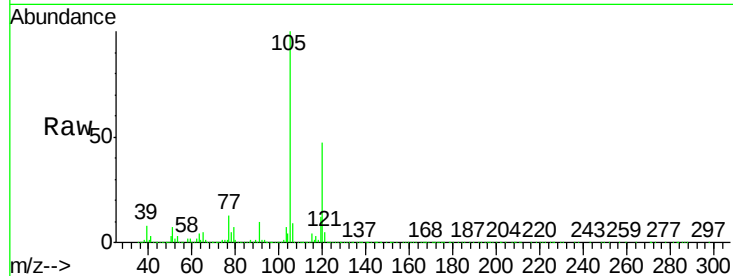




#84
 1,2,4-Trimethylbenzene
 Concen: 50.45 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX015153.D
 Acq: 09 Mar 2020 19:07

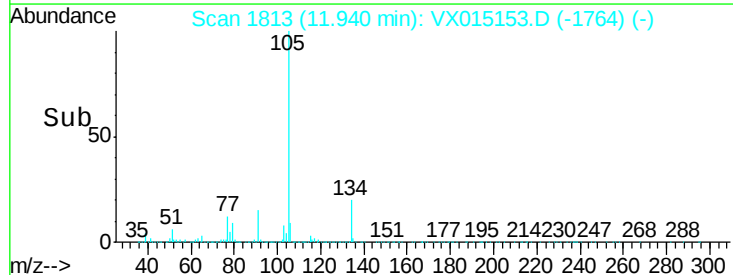
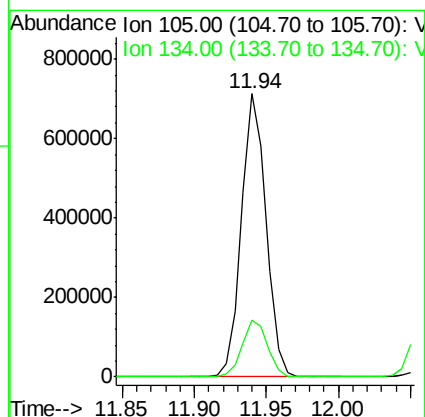
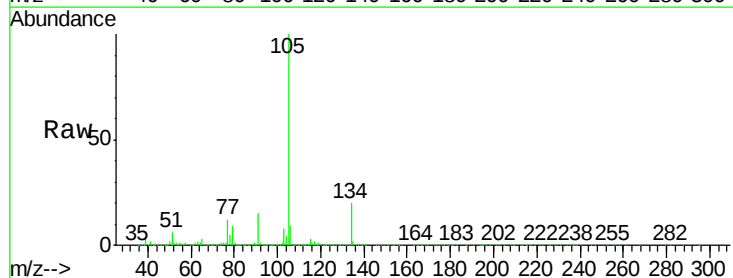
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MSD

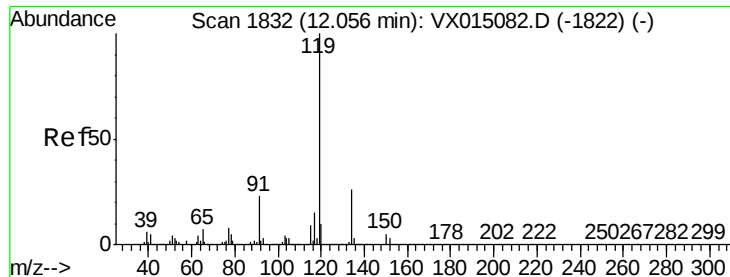
Tgt Ion:105 Resp: 723765
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.5



#85
 sec-Butylbenzene
 Concen: 50.75 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015153.D
 Acq: 09 Mar 2020 19:07

Tgt Ion:105 Resp: 845929
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.2

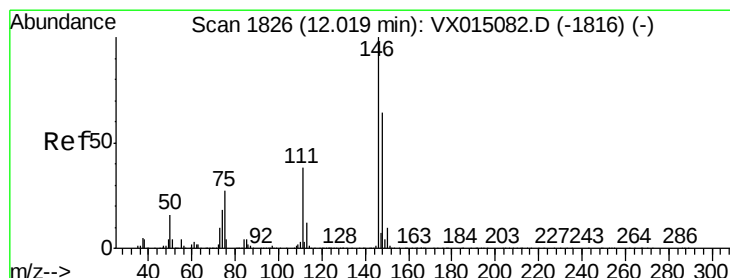
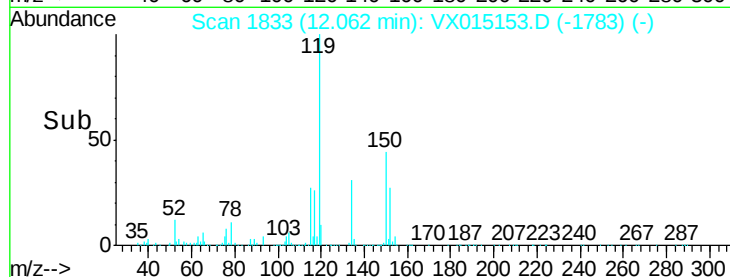
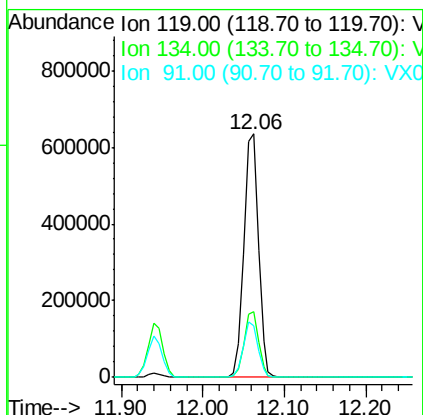
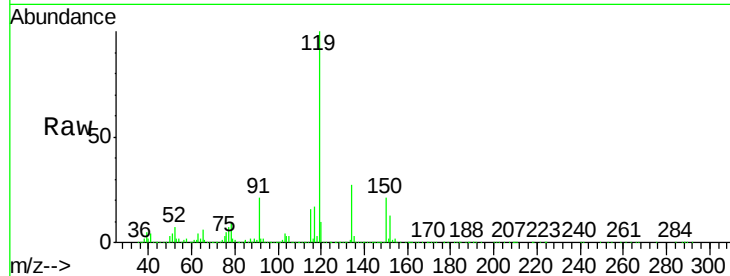




#86
p-Isopropyltoluene
Concen: 50.65 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

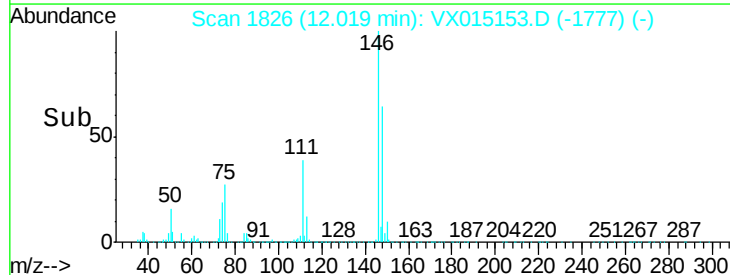
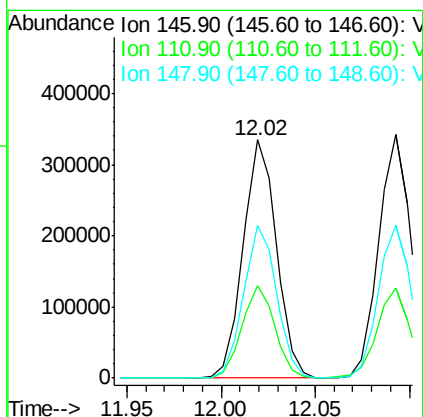
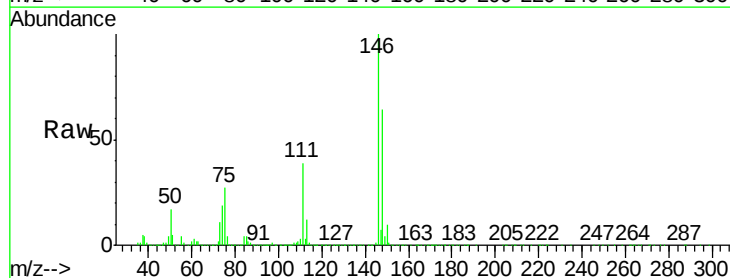
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MSD

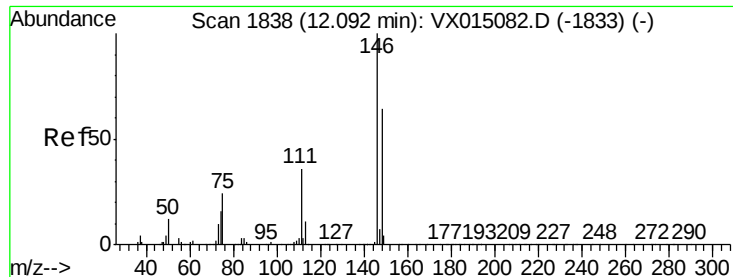
Tgt Ion:119 Resp: 777788
Ion Ratio Lower Upper
119 100
134 26.7 13.4 40.1
91 22.7 11.3 33.8



#87
1,3-Dichlorobenzene
Concen: 48.81 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX015153.D
Acq: 09 Mar 2020 19:07

Tgt Ion:146 Resp: 410237
Ion Ratio Lower Upper
146 100
111 38.1 19.1 57.1
148 63.7 31.9 95.5

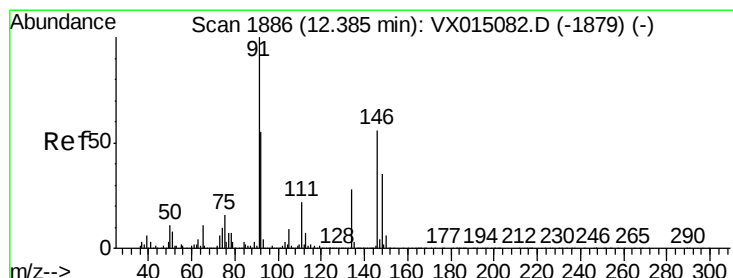
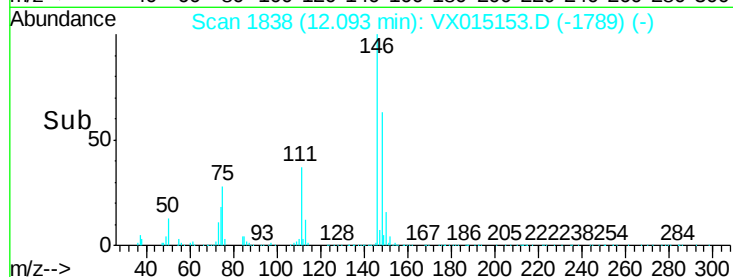
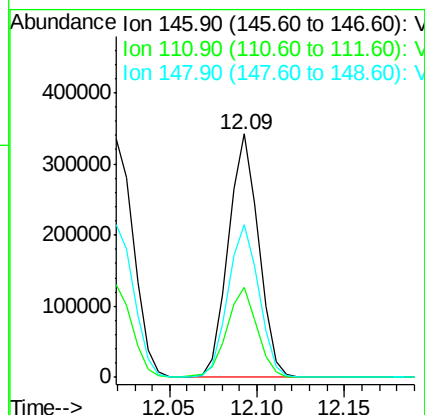
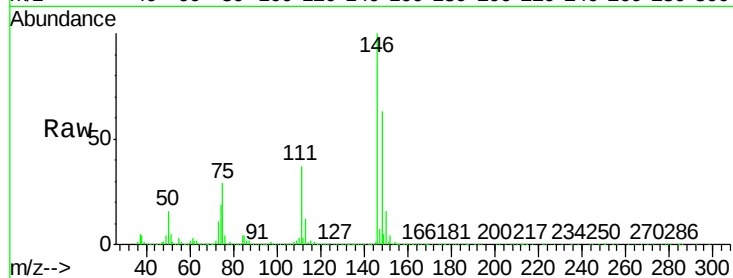




#88
 1,4-Dichlorobenzene
 Concen: 47.39 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015153.D
 Acq: 09 Mar 2020 19:07

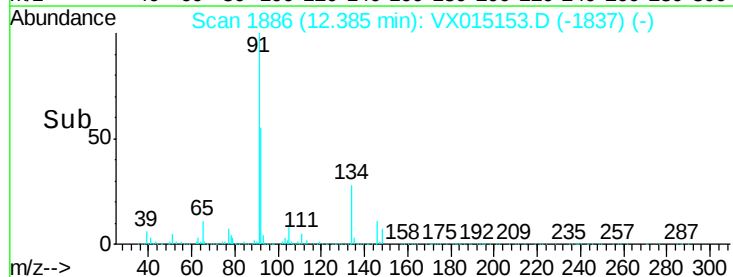
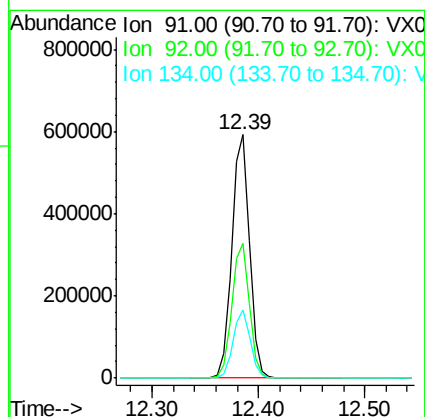
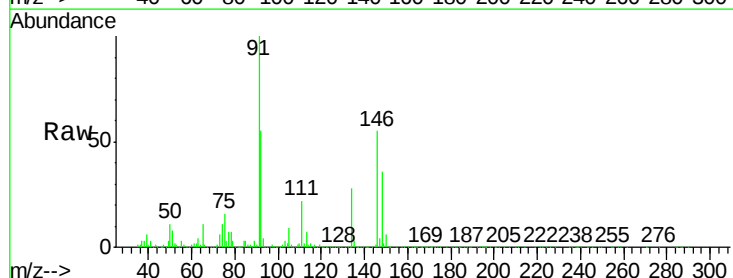
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MSD

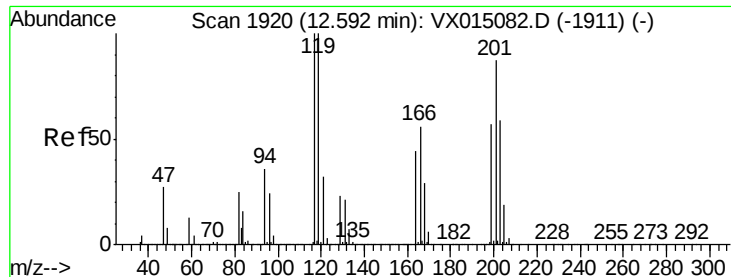
Tgt Ion:146 Resp: 411177
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.7 56.1
 148 64.0 32.5 97.4



#89
 n-Butylbenzene
 Concen: 50.43 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015153.D
 Acq: 09 Mar 2020 19:07

Tgt Ion: 91 Resp: 688860
 Ion Ratio Lower Upper
 91 100
 92 54.9 27.2 81.6
 134 27.0 13.5 40.5





#90

Hexachloroethane

Concen: 47.62 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

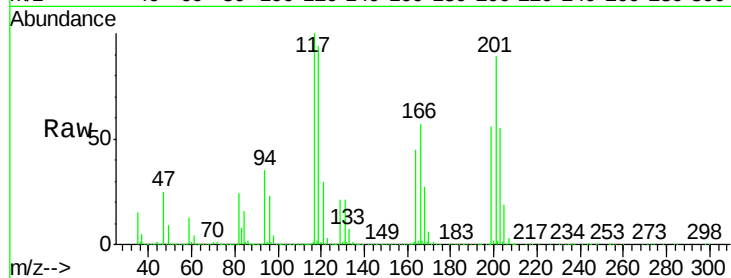
RE132D2-20200305MSD

Tgt Ion:117 Resp: 138246

Ion Ratio Lower Upper

117 100

201 86.7 43.5 130.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.59

120000

100000

80000

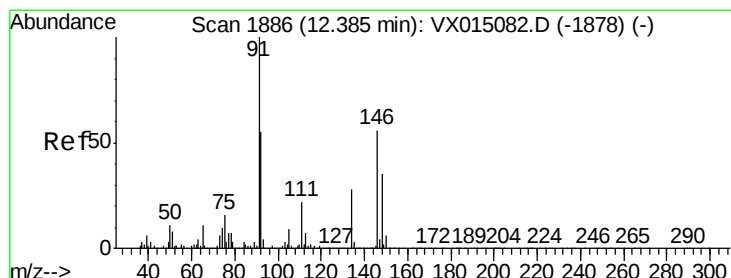
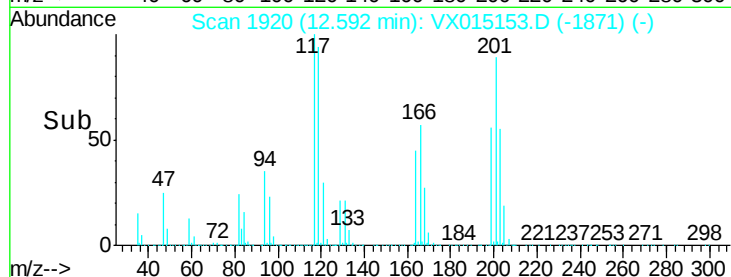
60000

40000

20000

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 48.30 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

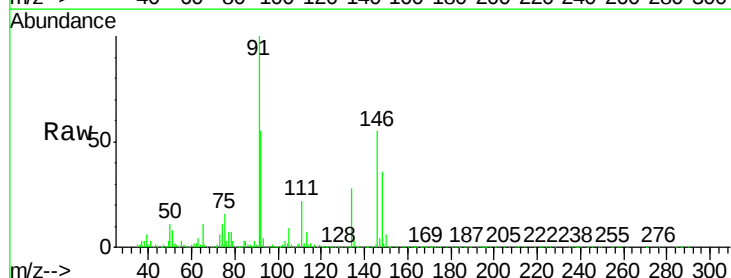
Tgt Ion:146 Resp: 403570

Ion Ratio Lower Upper

146 100

111 39.5 19.9 59.7

148 63.8 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

12.39

400000

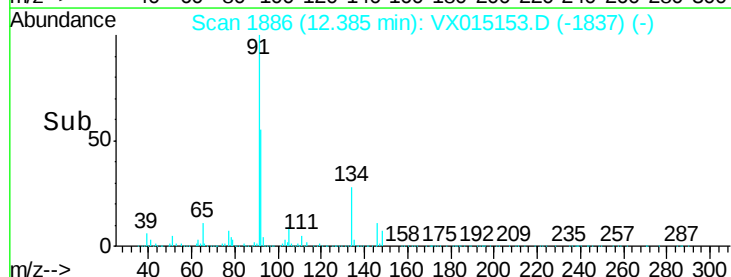
300000

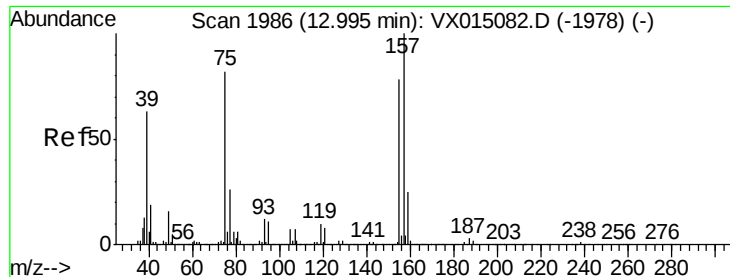
200000

100000

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.73 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MSD

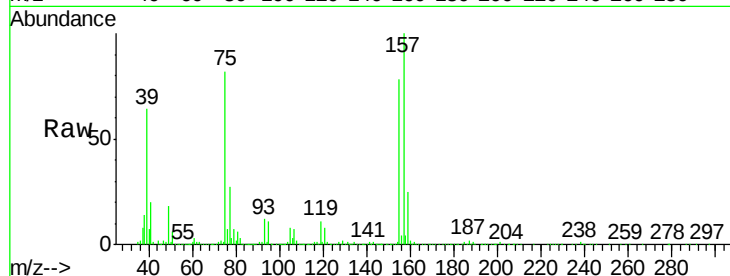
Tgt Ion: 75 Resp: 60360

Ion Ratio Lower Upper

75 100

155 93.7 46.6 139.7

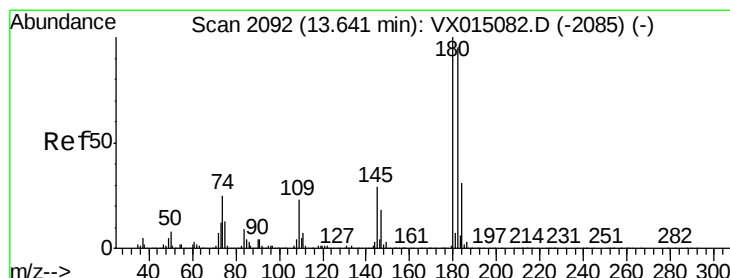
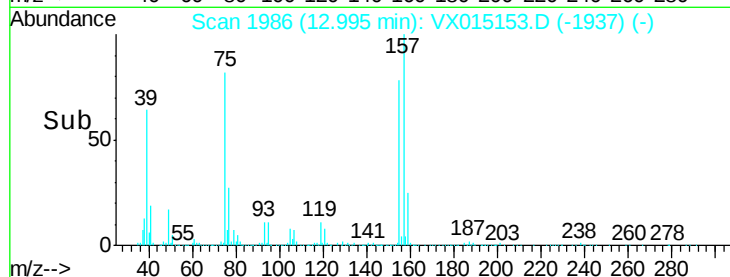
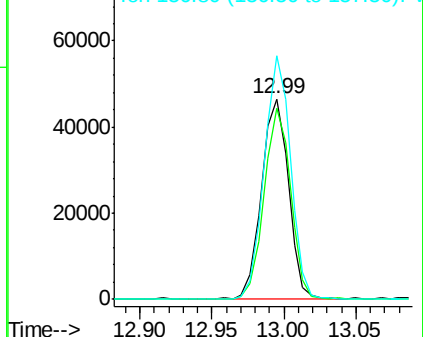
157 119.0 59.2 177.5



Abundance Ion 74.90 (74.60 to 75.60): VX015153.D (-1937) (-)

Ion 154.80 (154.50 to 155.50): VX015153.D (-1937) (-)

Ion 156.80 (156.50 to 157.50): VX015153.D (-1937) (-)



#93

1,2,4-Trichlorobenzene

Concen: 49.64 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

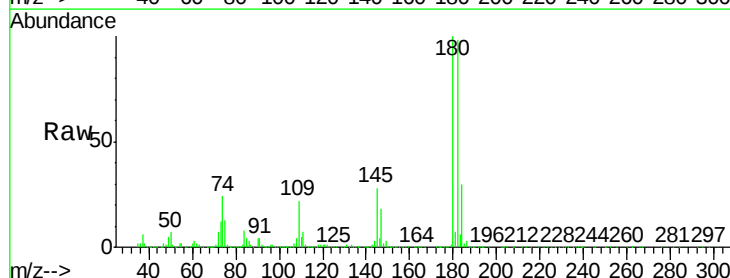
Tgt Ion: 180 Resp: 287887

Ion Ratio Lower Upper

180 100

182 96.4 47.6 142.8

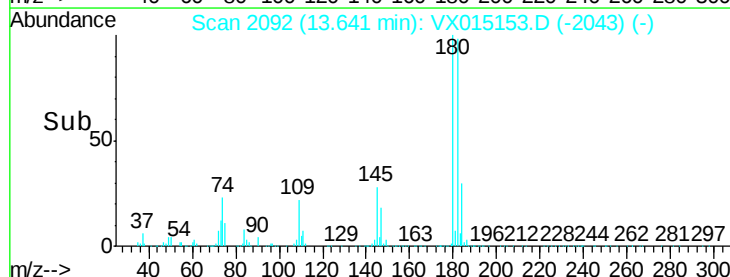
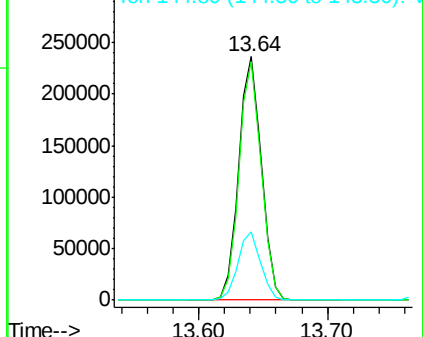
145 28.0 14.1 42.2

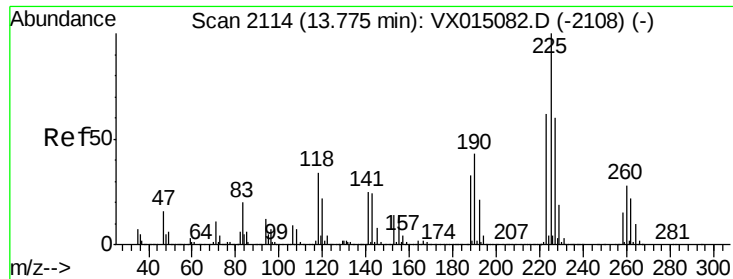


Abundance Ion 179.80 (179.50 to 180.50): VX015153.D (-2043) (-)

Ion 181.80 (181.50 to 182.50): VX015153.D (-2043) (-)

Ion 144.80 (144.50 to 145.50): VX015153.D (-2043) (-)





#94

Hexachlorobutadiene

Concen: 44.67 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX015153.D

Acq: 09 Mar 2020 19:07

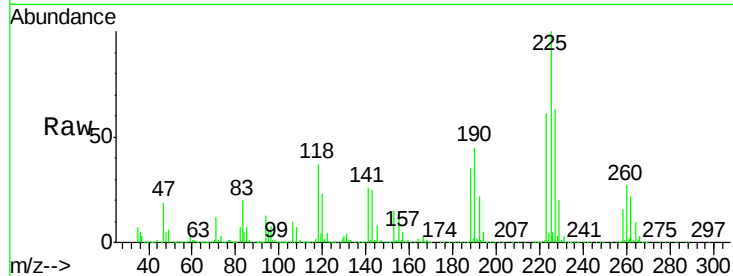
Instrument :

MSVOA_X

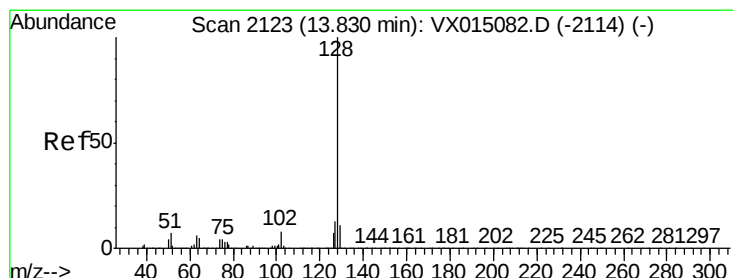
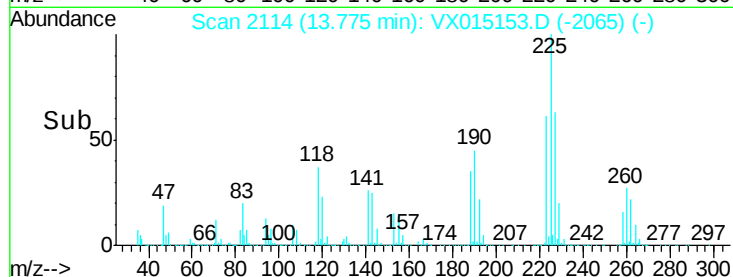
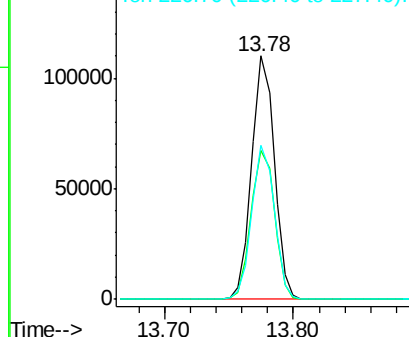
ClientSampleId :

RE132D2-20200305MSD

Tgt Ion:	225	Resp:	132944
Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.3	93.9
227	63.0	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: 47.18 ug/l

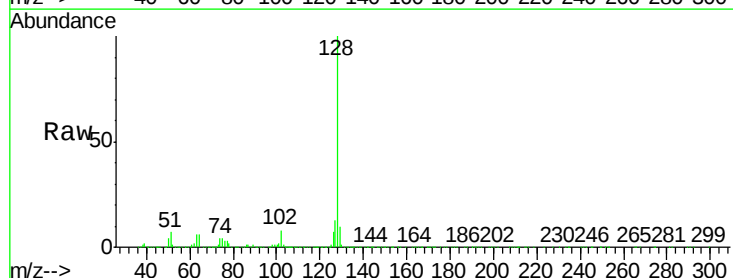
RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

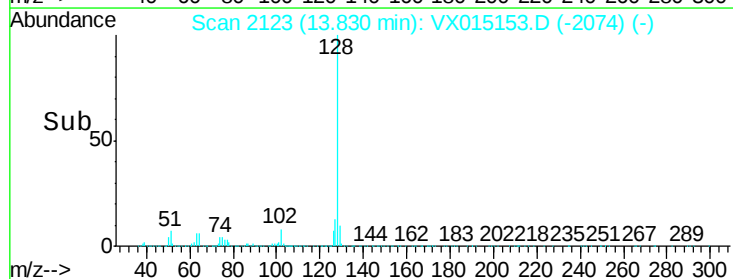
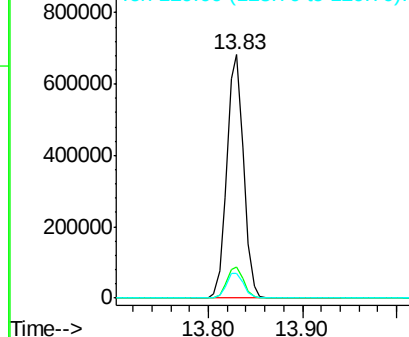
Lab File: VX015153.D

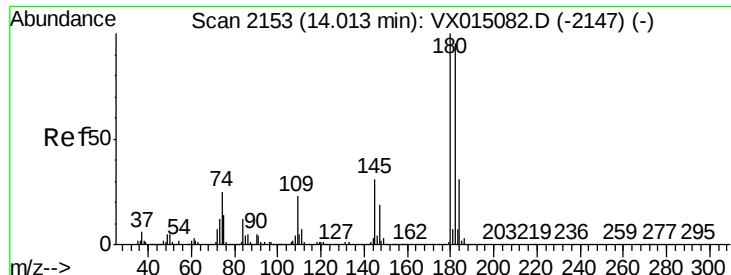
Acq: 09 Mar 2020 19:07

Tgt Ion:	128	Resp:	837177
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.7	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

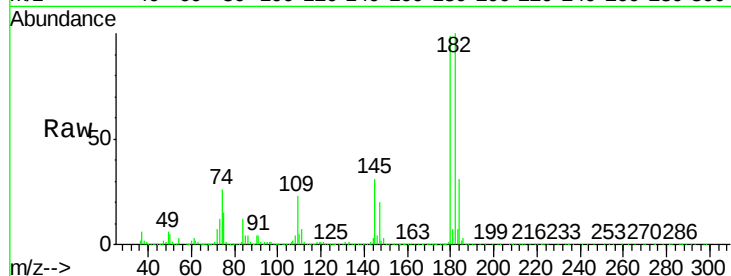




#96
 1,2,3-Trichlorobenzene
 Concen: 49.72 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX015153.D
 Acq: 09 Mar 2020 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.8	143.4
145	30.2	15.1	45.3



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

