

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060920\
 Data File : VX016657.D
 Acq On : 09 Jun 2020 12:38
 Operator : JC/SP
 Sample : L2894-17MSD 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 L2891-15MSD

Quant Time: Jun 10 04:38:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	233704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	351229	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	327565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	171354	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	130114	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	
35) Dibromofluoromethane	5.46	113	106266	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	8.70	98	405235	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.12	95	157712	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	96697	42.044	ug/l	97
3) Chloromethane	1.31	50	106825	38.436	ug/l	99
4) Vinyl Chloride	1.39	62	874909	297.666	ug/l	99
5) Bromomethane	1.62	94	67816	47.453	ug/l	98
6) Chloroethane	1.70	64	79820	46.555	ug/l	98
7) Trichlorofluoromethane	1.91	101	192926	49.980	ug/l	97
8) Diethyl Ether	2.17	74	74648	46.378	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	105950	49.872	ug/l	97
10) Methyl Iodide	2.49	142	124349	49.054	ug/l	100
11) Tert butyl alcohol	3.01	59	165871	222.873	ug/l	98
12) 1,1-Dichloroethene	2.36	96	112451	50.006	ug/l	94
13) Acrolein	2.27	56	70388	222.331	ug/l	98
14) Allyl chloride	2.70	41	174330	42.154	ug/l	96
15) Acrylonitrile	3.12	53	339165	222.472	ug/l	99
16) Acetone	2.42	43	280448	220.553	ug/l	99
17) Carbon Disulfide	2.55	76	276518	41.408	ug/l	100
18) Methyl Acetate	2.75	43	150988	46.297	ug/l	94
19) Methyl tert-butyl Ether	3.17	73	387820	48.028	ug/l	98
20) Methylene Chloride	2.83	84	119459	45.408	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	119563	48.068	ug/l	94
22) Diisopropyl ether	3.82	45	340614	42.874	ug/l	95
23) Vinyl Acetate	3.78	43	1525021	219.305	ug/l	96
24) 1,1-Dichloroethane	3.67	63	206911	46.144	ug/l	100
25) 2-Butanone	4.64	43	458614	212.852	ug/l	94
26) 2,2-Dichloropropane	4.55	77	197663	53.871	ug/l #	7
27) cis-1,2-Dichloroethene	4.56	96	2452334	852.231	ug/l	88
28) Bromochloromethane	4.98	49	84328	40.470	ug/l	83
29) Tetrahydrofuran	5.09	42	294592	211.634	ug/l	93
30) Chloroform	5.18	83	216387	47.893	ug/l	96
31) Cyclohexane	5.55	56	164794	40.851	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	202678	49.549	ug/l	98
36) 1,1-Dichloropropene	5.76	75	156322	47.007	ug/l	97
37) Ethyl Acetate	4.79	43	172870	43.299	ug/l #	80
38) Carbon Tetrachloride	5.75	117	180841	51.747	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060920\
 Data File : VX016657.D
 Acq On : 09 Jun 2020 12:38
 Operator : JC/SP
 Sample : L2894-17MSD 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 L2891-15MSD

Quant Time: Jun 10 04:38:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	173841	48.128	ug/l	96
40) Benzene	6.11	78	477687	48.236	ug/l	99
41) Methacrylonitrile	5.00	41	95225	43.422	ug/l	96
42) 1,2-Dichloroethane	6.16	62	172776	49.059	ug/l	100
43) Isopropyl Acetate	6.41	43	277914	44.626	ug/l	97
44) Trichloroethene	7.19	130	150352	47.852	ug/l	99
45) 1,2-Dichloropropane	7.49	63	118891	47.158	ug/l	99
46) Dibromomethane	7.64	93	83349	49.221	ug/l	96
47) Bromodichloromethane	7.88	83	176011	50.200	ug/l	100
48) Methyl methacrylate	7.74	41	134979	45.268	ug/l	96
49) 1,4-Dioxane	7.71	88	66021	946.115	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	880536	227.078	ug/l	97
52) Toluene	8.76	92	309246	49.520	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	204823	51.374	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	211601	50.142	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	125768	50.653	ug/l	97
56) Ethyl methacrylate	9.16	69	196231	48.526	ug/l	96
57) 1,3-Dichloropropane	9.35	76	208470	48.915	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	392693	186.049	ug/l	96
59) 2-Hexanone	9.48	43	684535	227.005	ug/l	97
60) Dibromochloromethane	9.57	129	150248	53.771	ug/l	99
61) 1,2-Dibromoethane	9.65	107	133656	50.268	ug/l	98
64) Tetrachloroethene	9.32	164	174137	47.517	ug/l	98
65) Chlorobenzene	10.12	112	388870	58.230	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	137214	53.826	ug/l	97
67) Ethyl Benzene	10.24	91	587760	49.433	ug/l	99
68) m/p-Xylenes	10.34	106	445652	101.090	ug/l	99
69) o-Xylene	10.68	106	216571	50.727	ug/l	99
70) Styrene	10.70	104	382408	52.110	ug/l	99
71) Bromoform	10.84	173	119383	55.412	ug/l #	99
73) Isopropylbenzene	11.00	105	583494	49.146	ug/l	100
74) N-amyl acetate	10.88	43	236053	43.224	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	156686	52.658	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	179433m	47.640	ug/l	
77) Bromobenzene	11.24	156	152655	49.022	ug/l	96
78) n-propylbenzene	11.34	91	644642	48.599	ug/l	99
79) 2-Chlorotoluene	11.40	91	394624	48.739	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	496196	50.052	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	73079	47.728	ug/l	99
82) 4-Chlorotoluene	11.49	91	467994	48.947	ug/l	99
83) tert-Butylbenzene	11.76	119	442814	52.276	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	507031	50.573	ug/l	100
85) sec-Butylbenzene	11.93	105	547087	51.485	ug/l	100
86) p-Isopropyltoluene	12.05	119	521120	52.353	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	268712	49.808	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	278235	50.426	ug/l	99
89) n-Butylbenzene	12.37	91	433322	52.264	ug/l	99
90) Hexachloroethane	12.58	117	90258	52.496	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	277554	53.101	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47480	49.263	ug/l	99

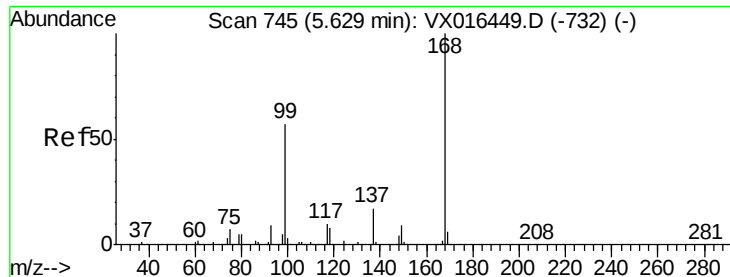
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060920\
Data File : VX016657.D
Acq On : 09 Jun 2020 12:38
Operator : JC/SP
Sample : L2894-17MSD 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
L2891-15MSD

Quant Time: Jun 10 04:38:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	187185	53.923	ug/l	100
94) Hexachlorobutadiene	13.77	225	82846	60.785	ug/l	99
95) Naphthalene	13.82	128	615040	51.683	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	183759	54.033	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

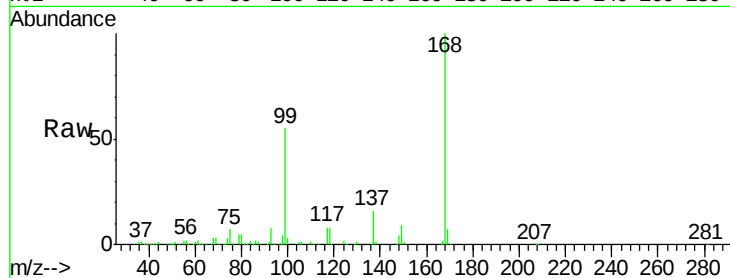
L2891-15MSD

Tot Ion:168 Resp: 233704

Ion Ratio Lower Upper

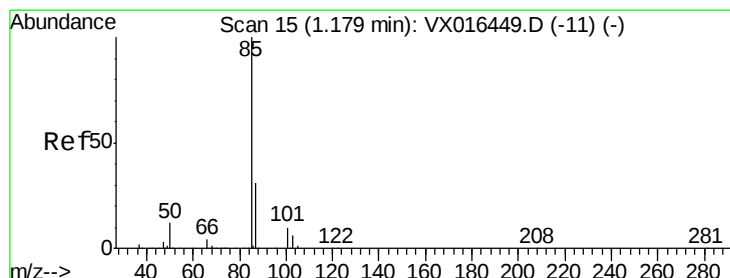
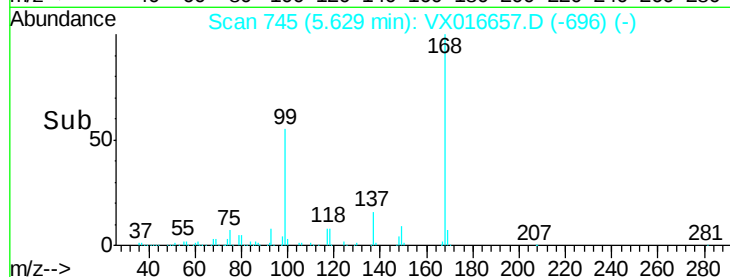
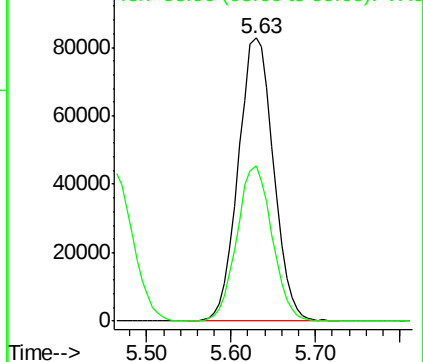
168 100

99 54.6 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.044 ug/l

RT: 1.18 min Scan# 15

Delta R.T. 0.00 min

Lab File: VX016657.D

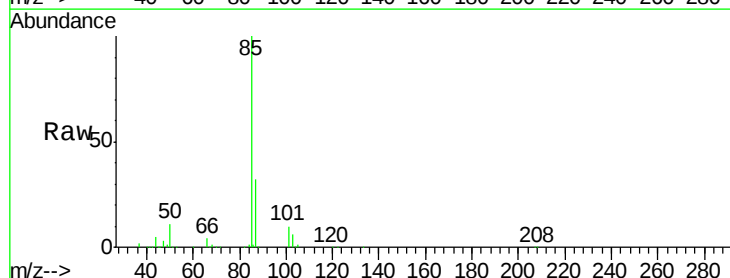
Acq: 09 Jun 2020 12:38

Tgt Ion: 85 Resp: 96697

Ion Ratio Lower Upper

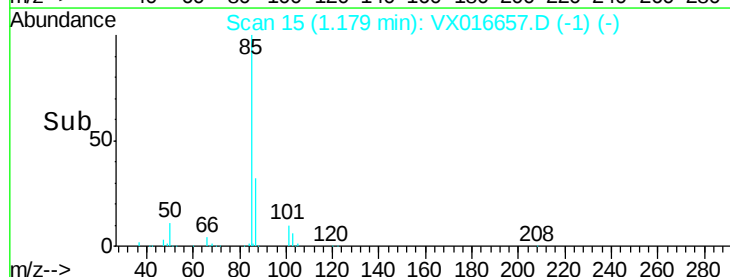
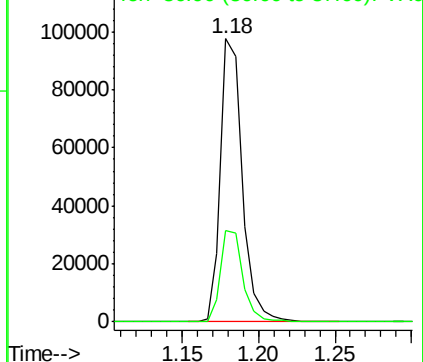
85 100

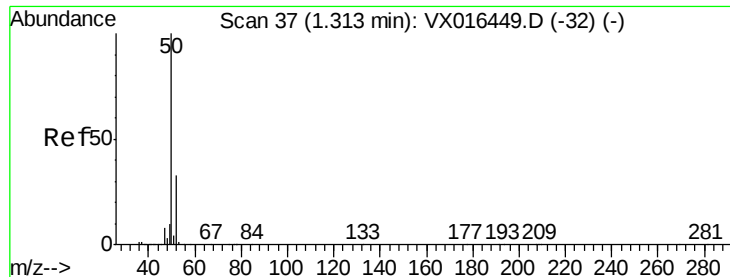
87 32.3 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 38.436 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

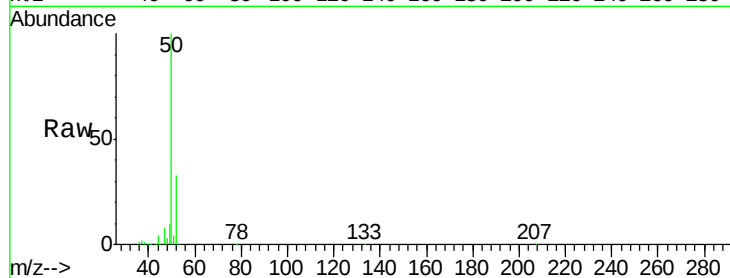
L2891-15MSD

Tot Ion: 50 Resp: 106825

Ion Ratio Lower Upper

50 100

52 33.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

120000

100000

80000

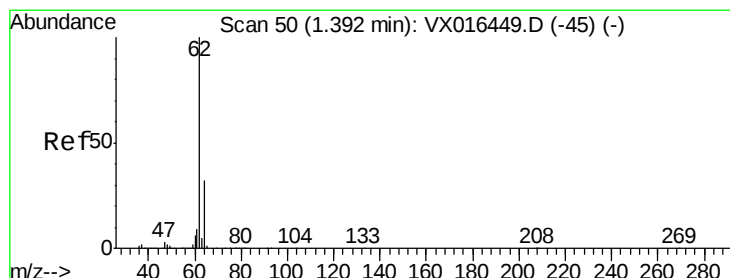
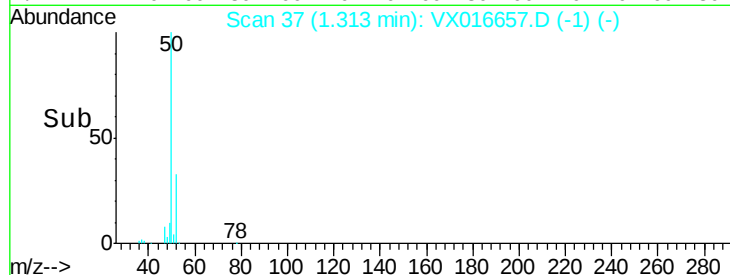
60000

40000

20000

0

Time--> 1.25 1.30 1.35



#4

Vinyl Chloride

Concen: 297.666 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016657.D

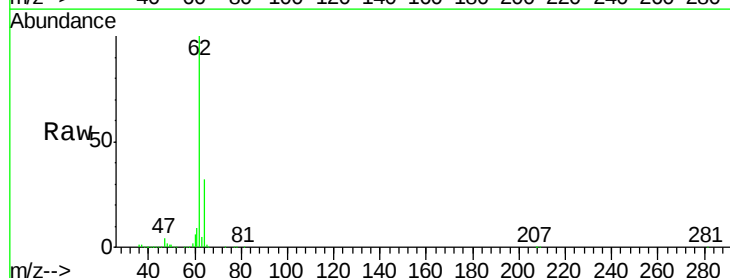
Acq: 09 Jun 2020 12:38

Tgt Ion: 62 Resp: 874909

Ion Ratio Lower Upper

62 100

64 32.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

1000000

800000

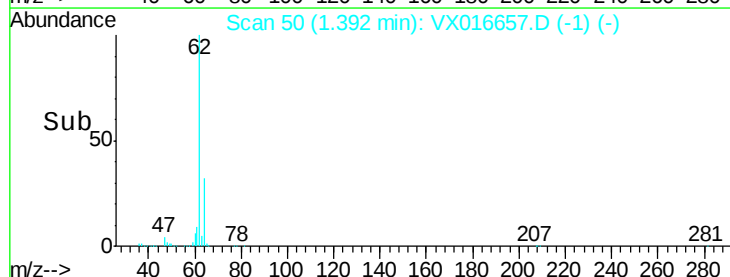
600000

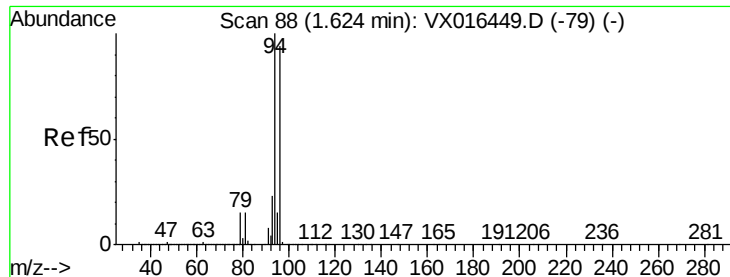
400000

200000

0

Time--> 1.30 1.40 1.50





#5

Bromomethane

Concen: 47.453 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

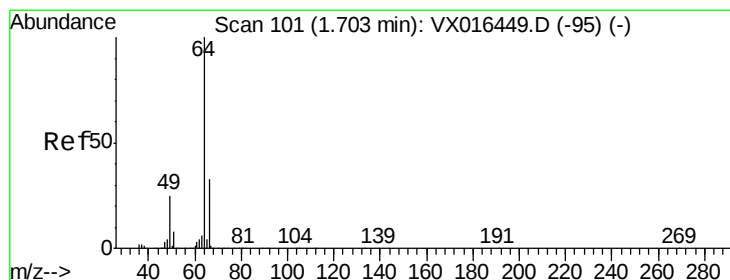
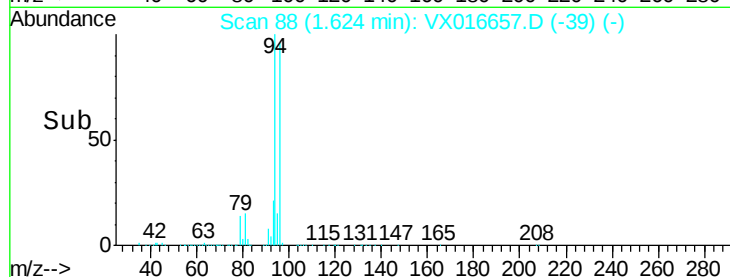
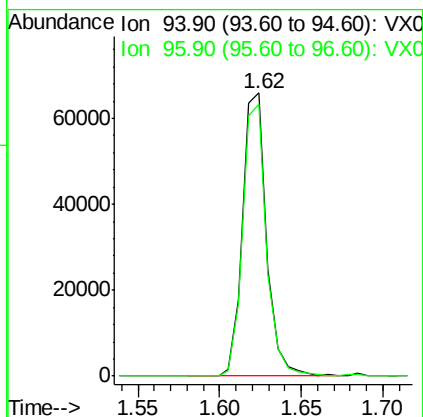
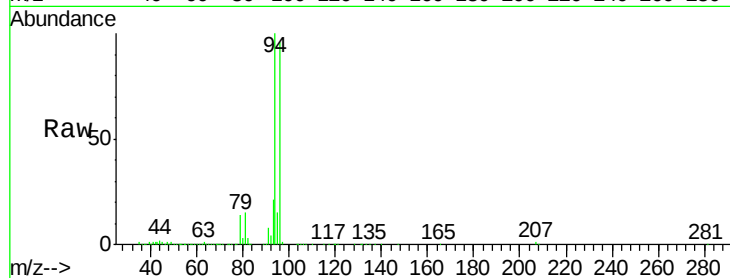
L2891-15MSD

Tot Ion: 94 Resp: 67816

Ion Ratio Lower Upper

94 100

96 95.8 75.1 112.7



#6

Chloroethane

Concen: 46.555 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX016657.D

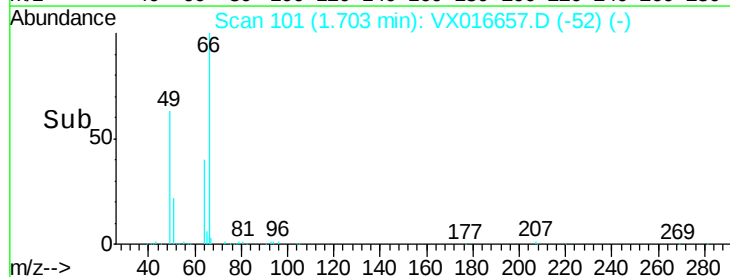
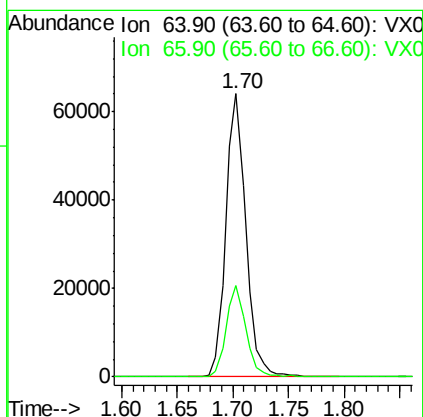
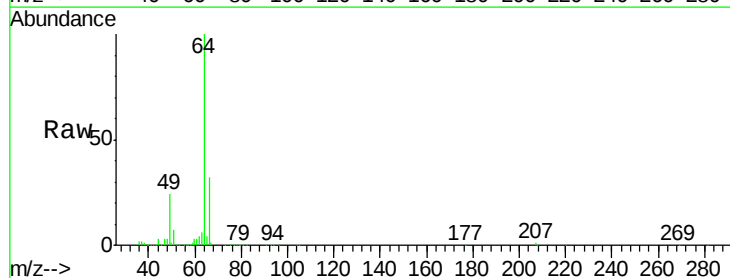
Acq: 09 Jun 2020 12:38

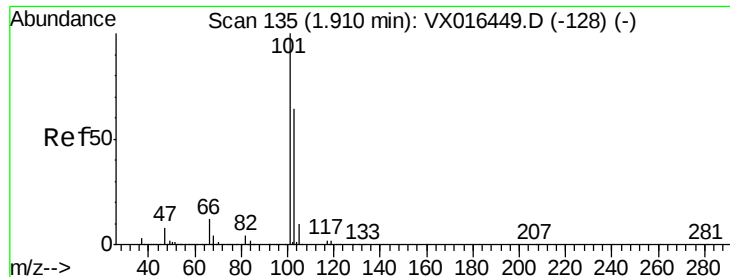
Tgt Ion: 64 Resp: 79820

Ion Ratio Lower Upper

64 100

66 32.3 26.7 40.1



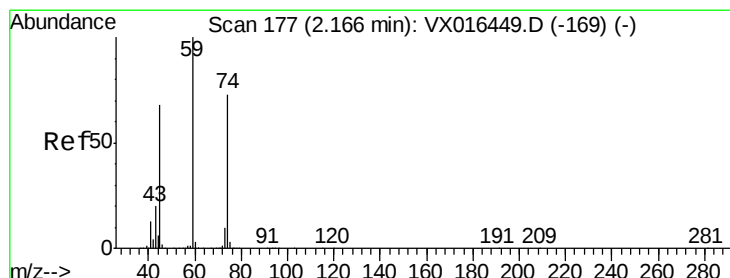
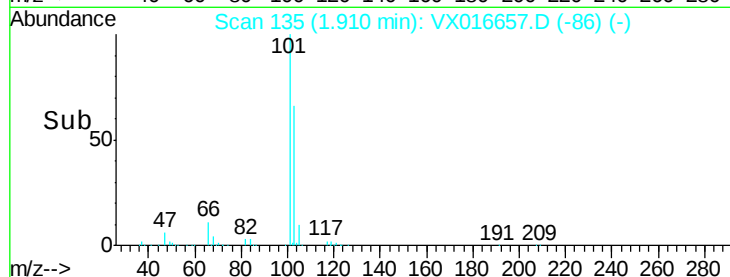
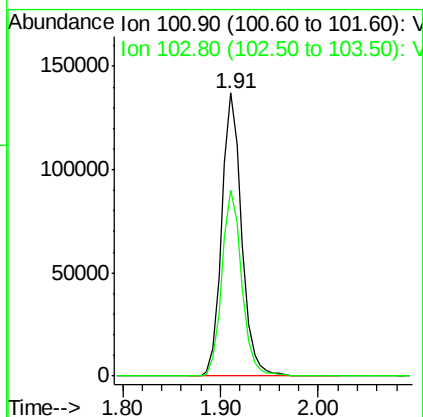
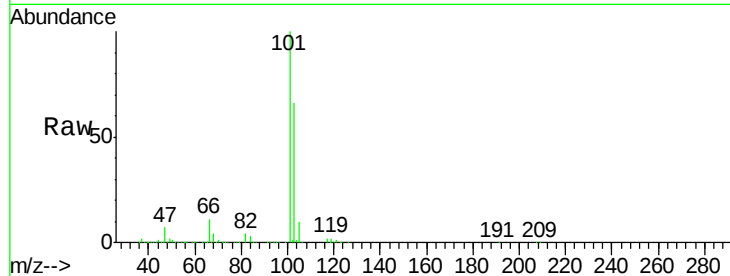


#7

Trichlorofluoromethane
Concen: 49.980 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
L2891-15MSD

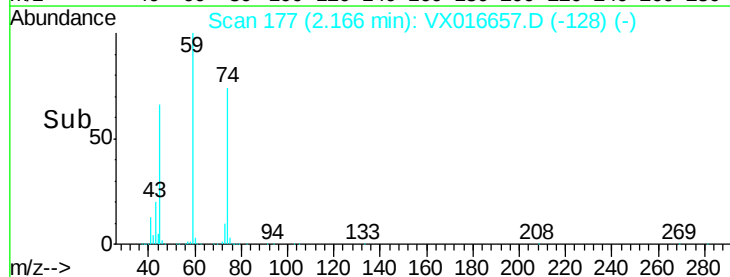
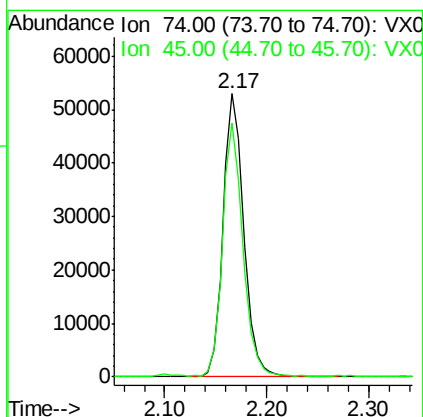
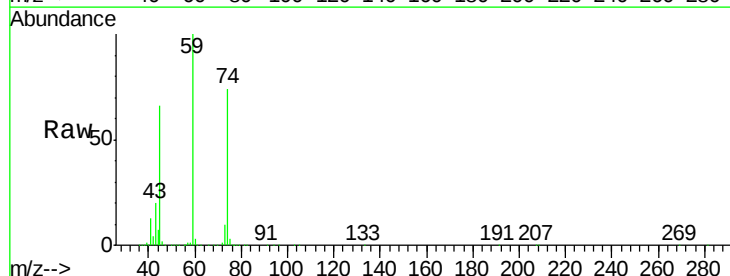
Tot Ion:101 Resp: 192926
Ion Ratio Lower Upper
101 100
103 65.8 50.9 76.3

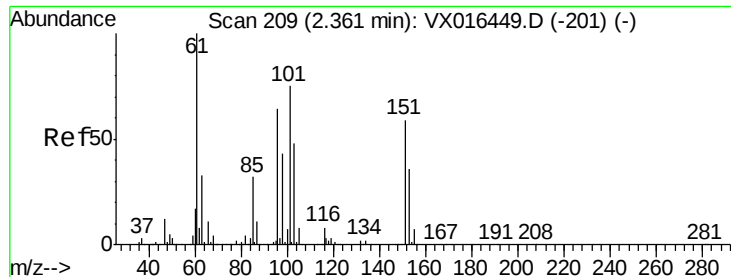


#8

Diethyl Ether
Concen: 46.378 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

Tgt Ion: 74 Resp: 74648
Ion Ratio Lower Upper
74 100
45 88.2 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.872 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

L2891-15MSD

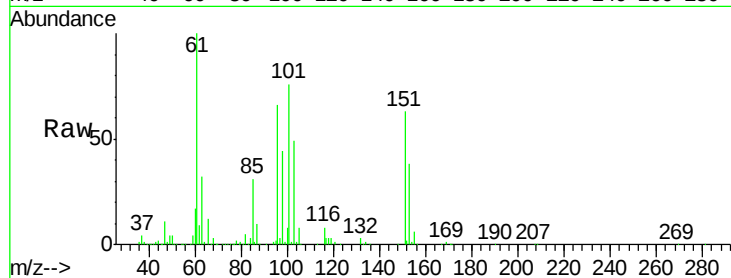
Tot Ion:101 Resp: 105950

Ion Ratio Lower Upper

101 100

85 42.5 34.4 51.6

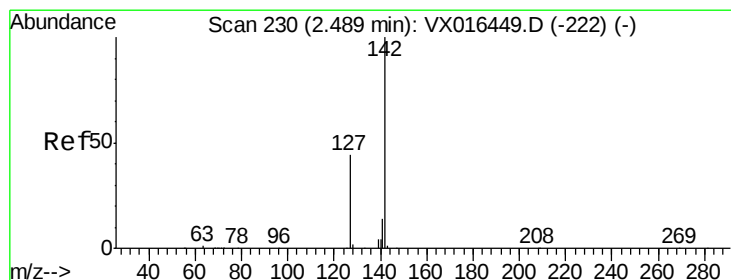
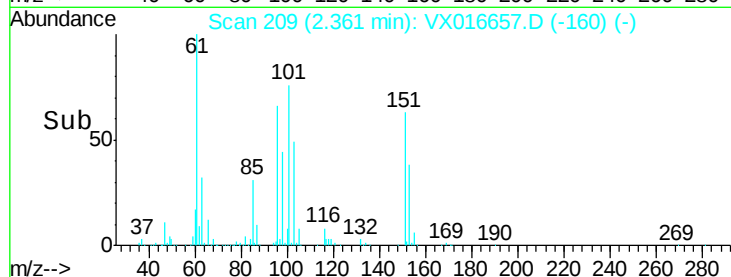
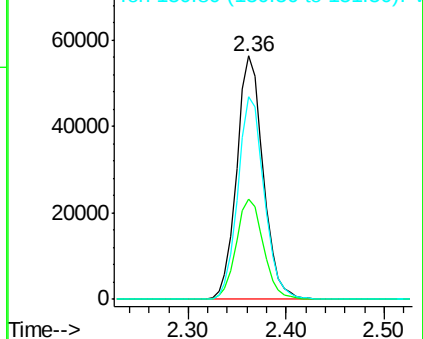
151 83.0 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.054 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

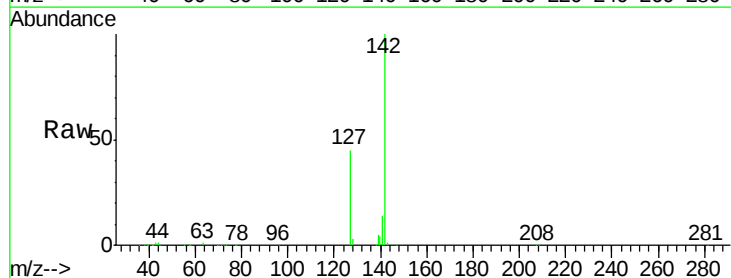
Tgt Ion:142 Resp: 124349

Ion Ratio Lower Upper

142 100

127 43.8 35.3 52.9

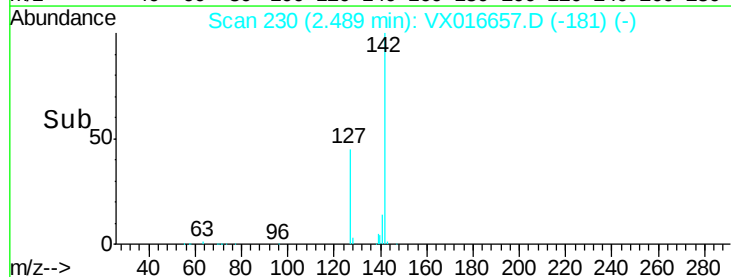
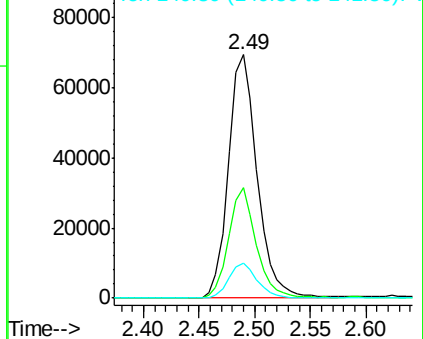
141 14.3 11.4 17.2

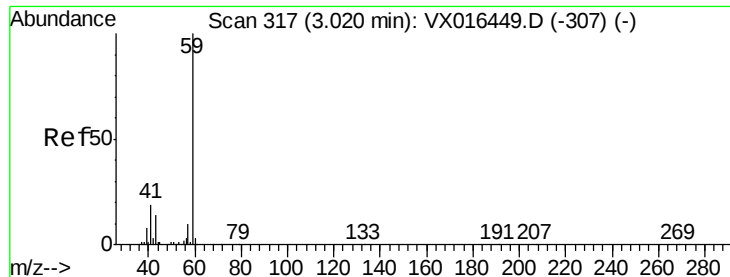


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

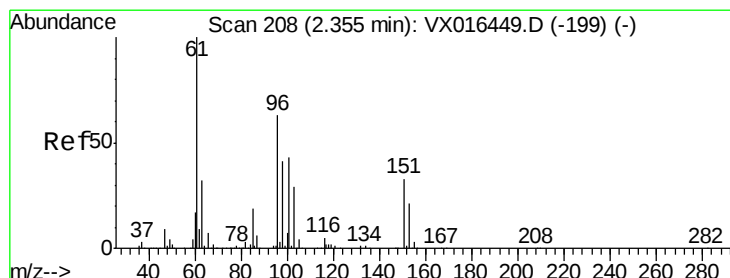
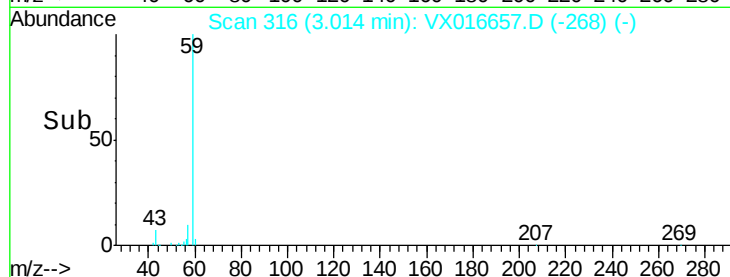
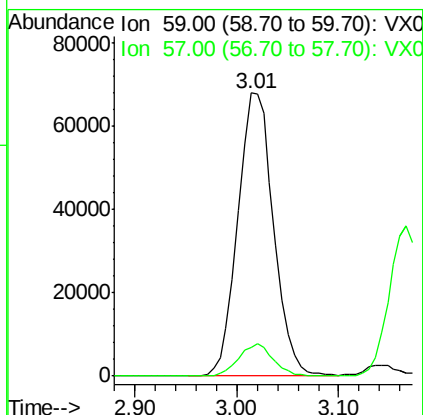
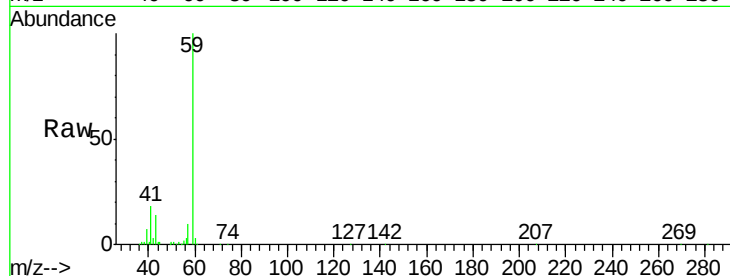




#11
Tert butyl alcohol
Concen: 222.873 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

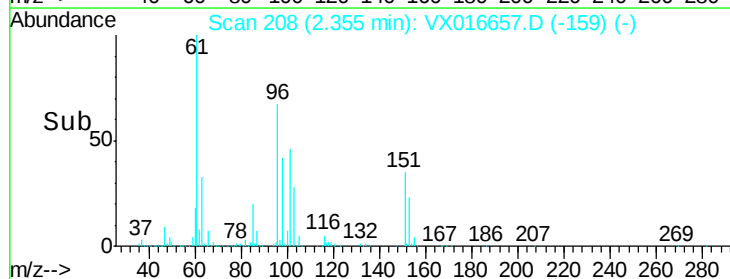
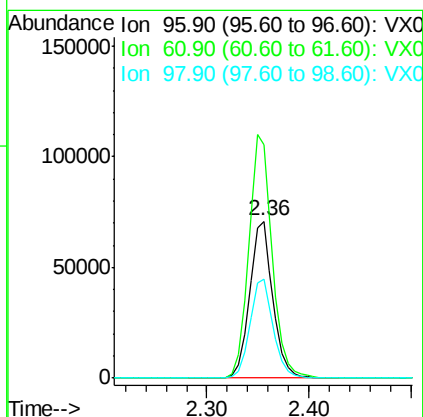
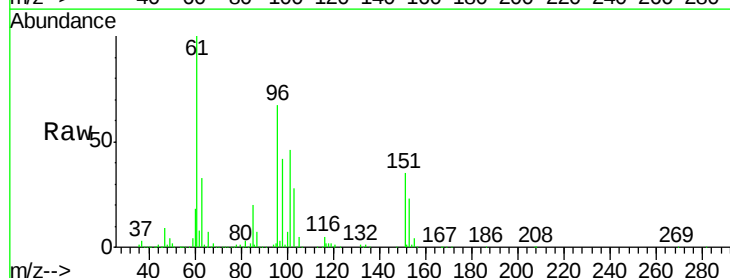
Instrument :
MSVOA_X
ClientSampleId :
L2891-15MSD

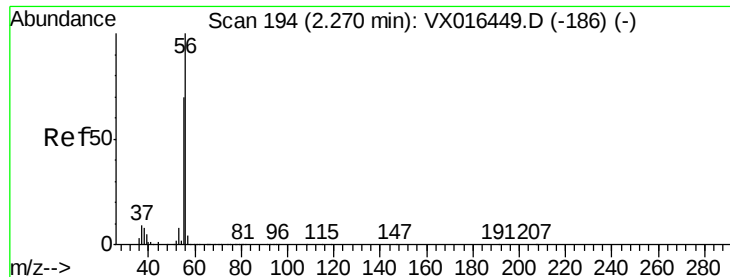
Tot Ion: 59 Resp: 165871
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 50.006 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

Tgt Ion: 96 Resp: 112451
Ion Ratio Lower Upper
96 100
61 148.7 126.6 189.8
98 62.6 51.3 76.9





#13

Acrolein

Concen: 222.331 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

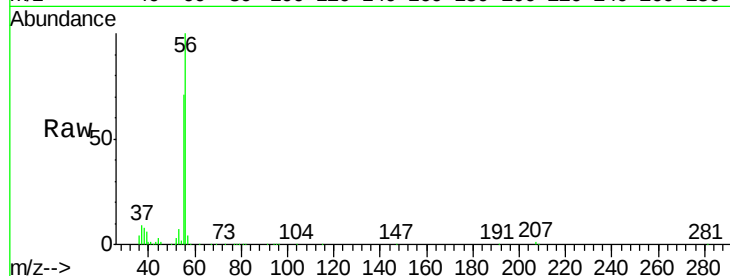
L2891-15MSD

Tot Ion: 56 Resp: 70388

Ion Ratio Lower Upper

56 100

55 71.0 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

50000

40000

30000

20000

10000

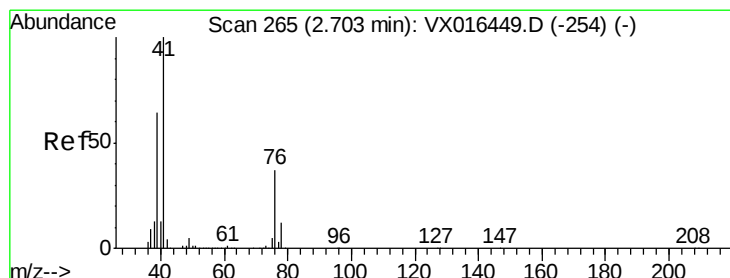
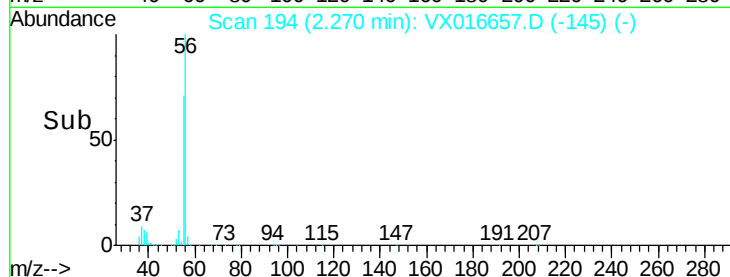
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 42.154 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

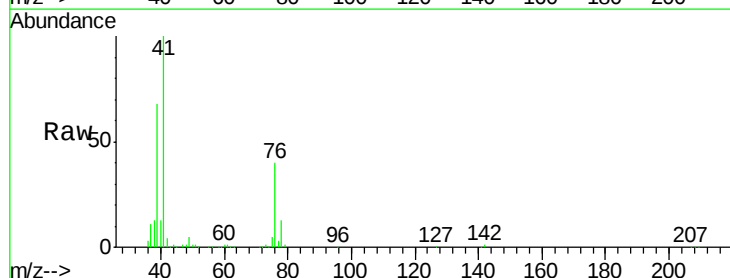
Tgt Ion: 41 Resp: 174330

Ion Ratio Lower Upper

41 100

39 62.0 47.7 71.5

76 36.3 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

150000

100000

50000

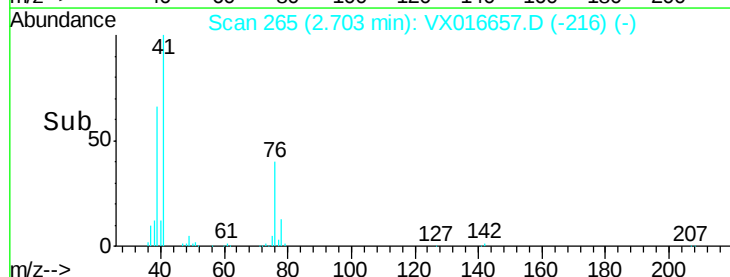
0

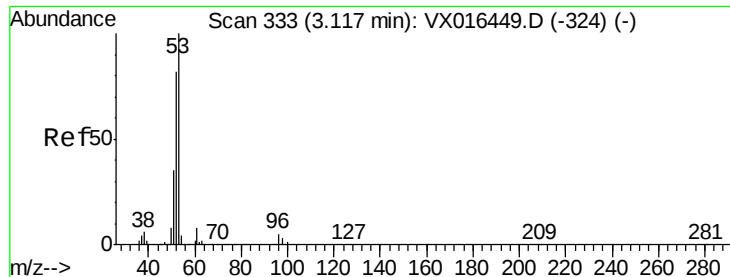
Time-->

2.60

2.70

2.80

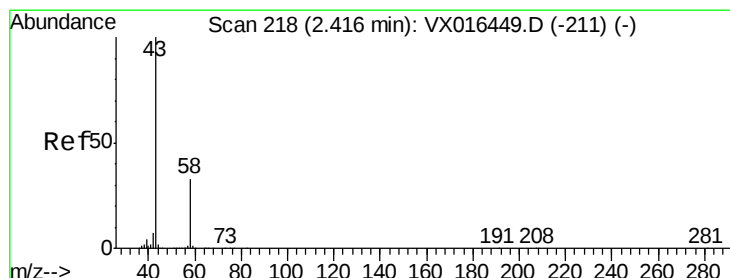
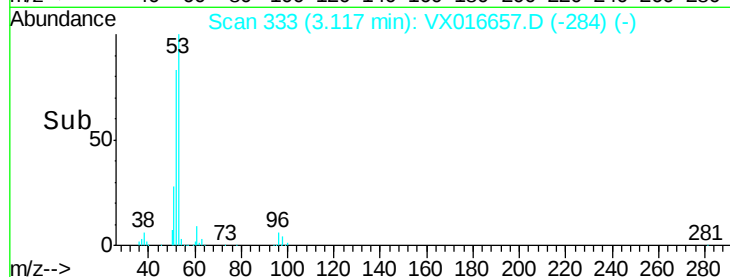
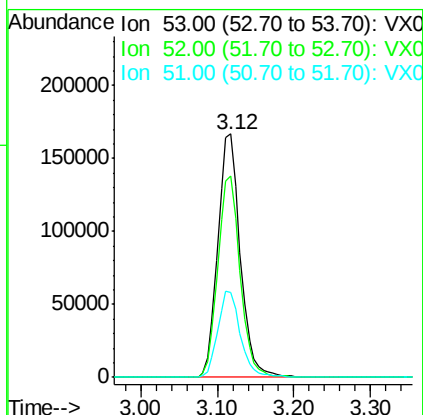
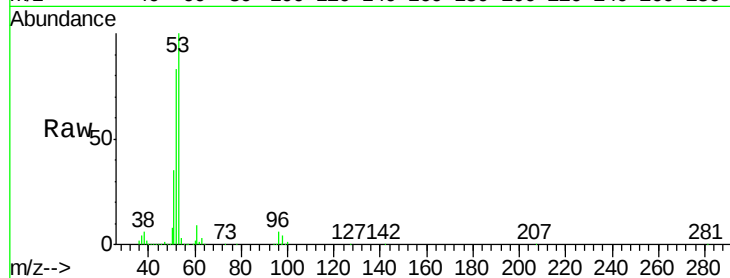




#15
 Acrylonitrile
 Concen: 222.472 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX016657.D
 Acq: 09 Jun 2020 12:38

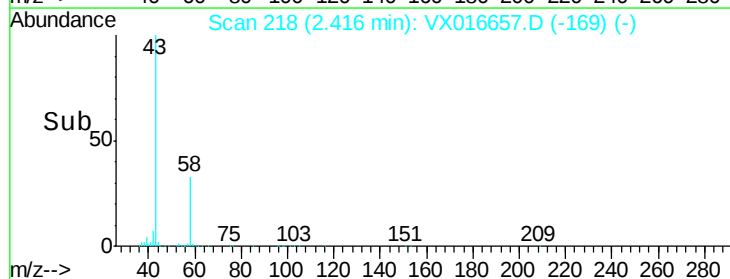
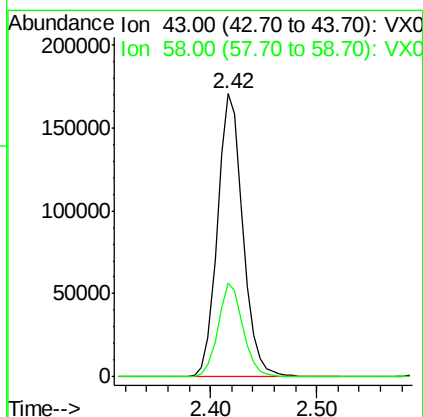
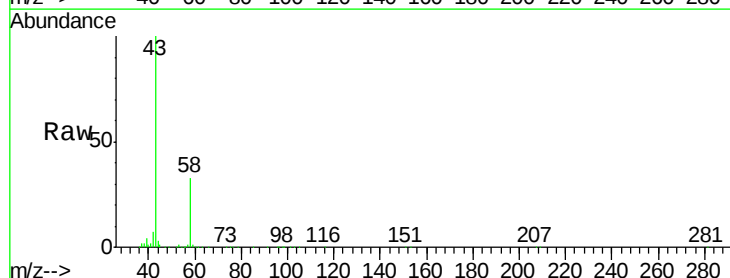
Instrument :
 MSVOA_X
 ClientSampleId :
 L2891-15MSD

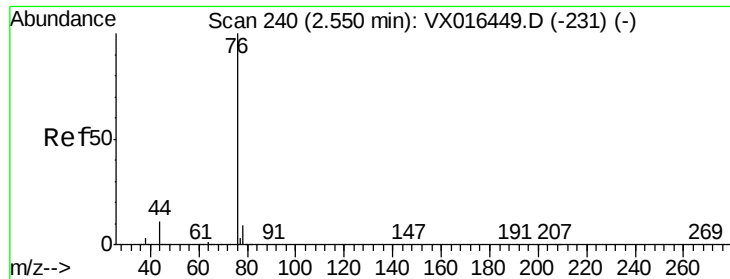
Tot Ion: 53 Resp: 339165
 Ion Ratio Lower Upper
 53 100
 52 82.1 66.7 100.1
 51 35.8 28.6 43.0



#16
 Acetone
 Concen: 220.553 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016657.D
 Acq: 09 Jun 2020 12:38

Tgt Ion: 43 Resp: 280448
 Ion Ratio Lower Upper
 43 100
 58 33.1 26.1 39.1

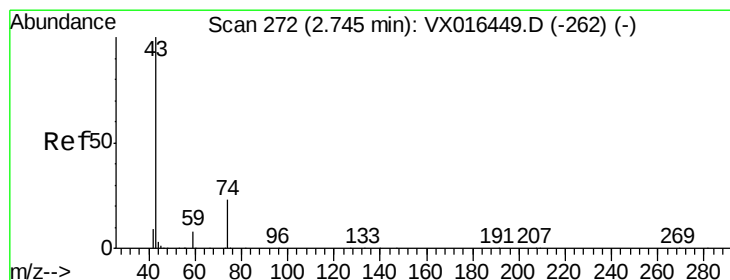
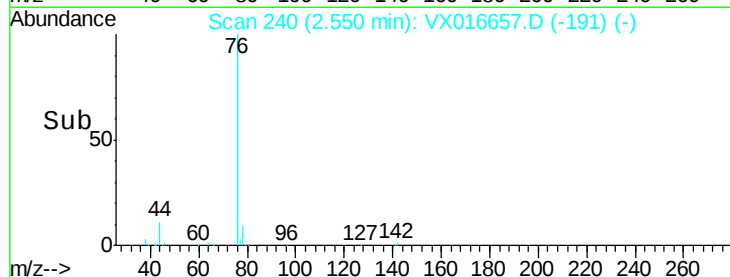
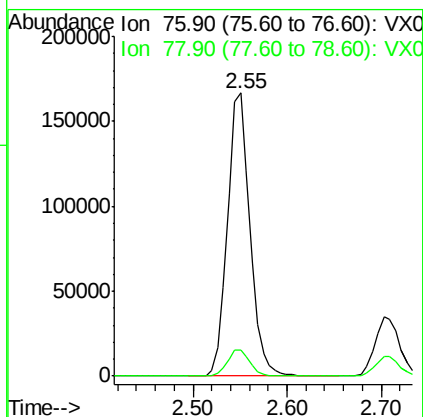
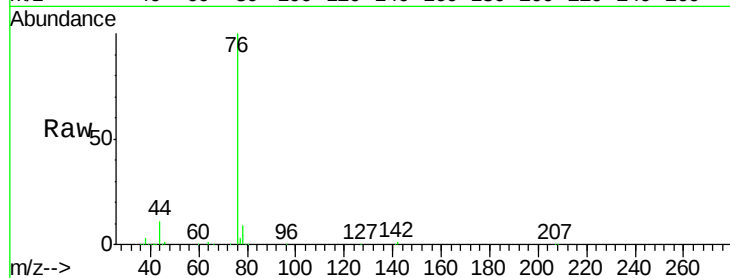




#17
Carbon Disulfide
Concen: 41.408 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

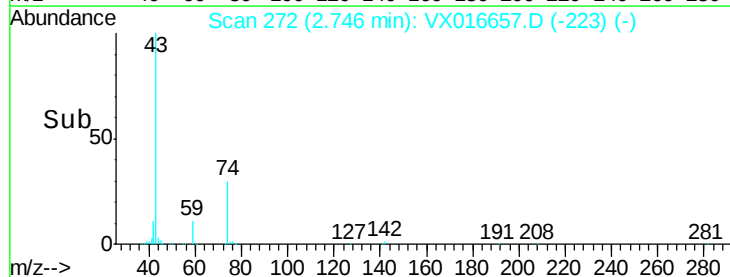
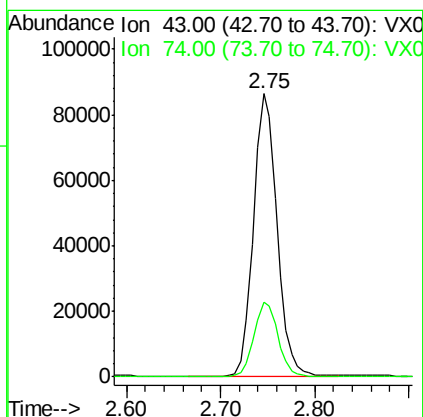
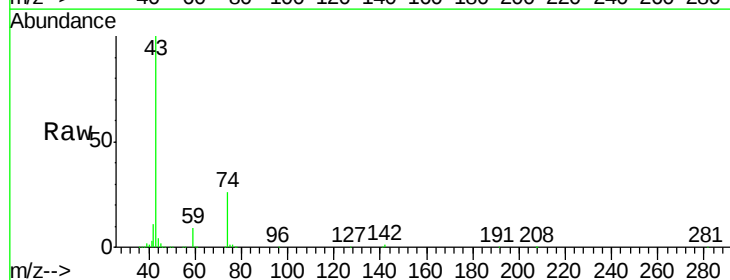
Instrument :
MSVOA_X
ClientSampleId :
L2891-15MSD

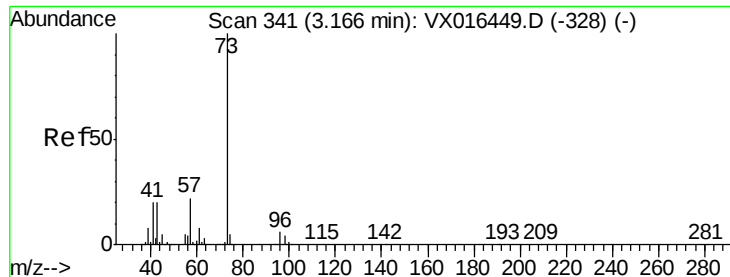
Tot Ion: 76 Resp: 276518
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 46.297 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

Tgt Ion: 43 Resp: 150988
Ion Ratio Lower Upper
43 100
74 27.4 19.7 29.5



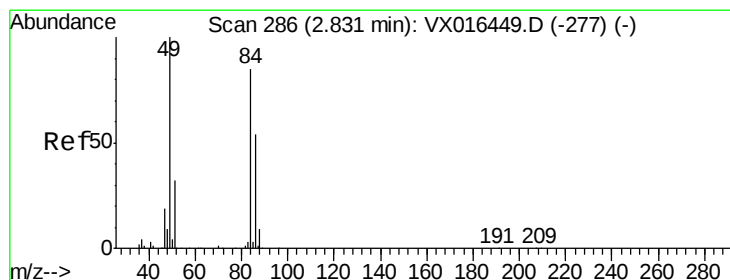
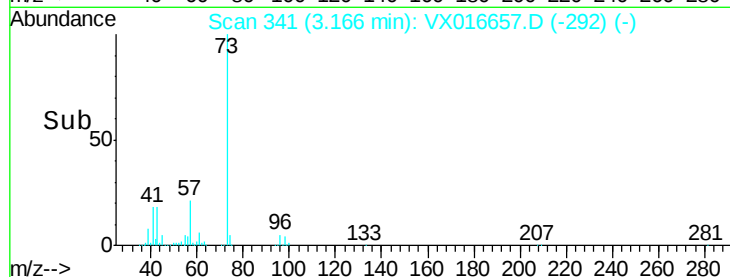
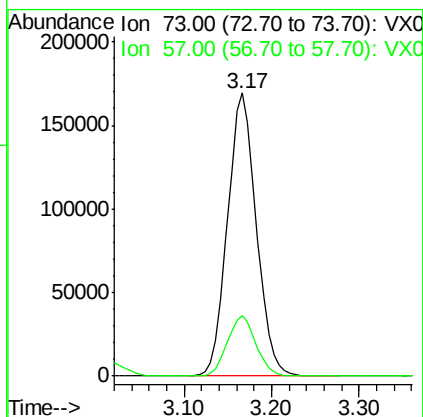
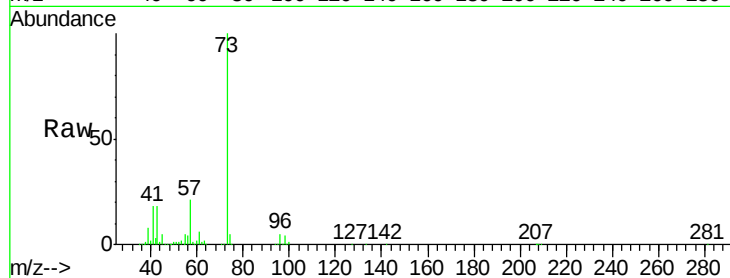


#19

Methyl tert-butyl Ether
 Concen: 48.028 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016657.D
 Acq: 09 Jun 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 L2891-15MSD

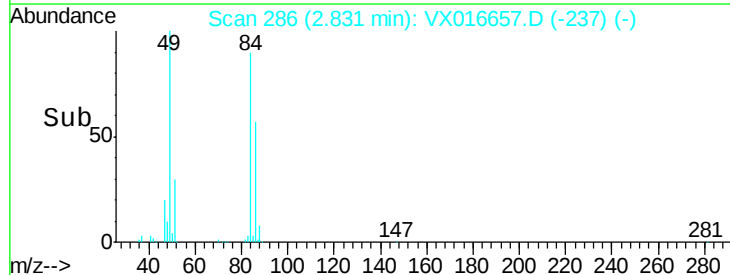
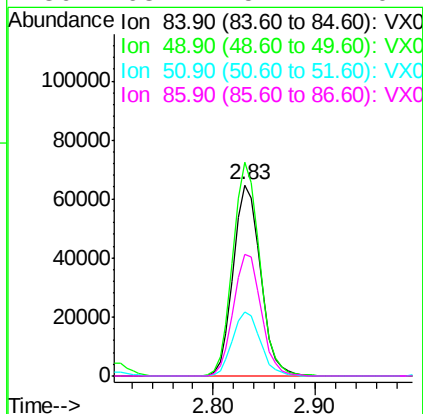
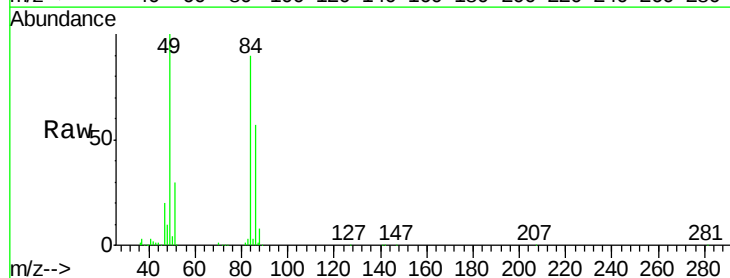
Tot Ion: 73 Resp: 387820
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.8 26.6

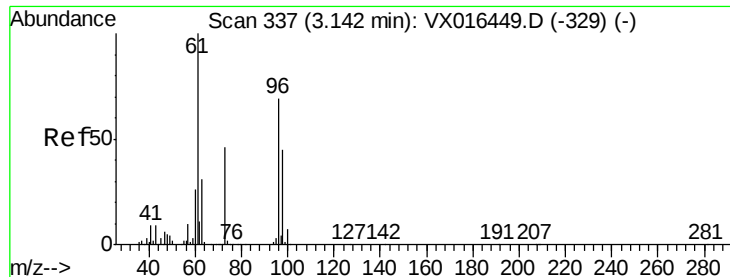


#20

Methylene Chloride
 Concen: 45.408 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX016657.D
 Acq: 09 Jun 2020 12:38

Tgt Ion: 84 Resp: 119459
 Ion Ratio Lower Upper
 84 100
 49 111.7 94.5 141.7
 51 33.8 30.2 45.4
 86 63.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.068 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

L2891-15MSD

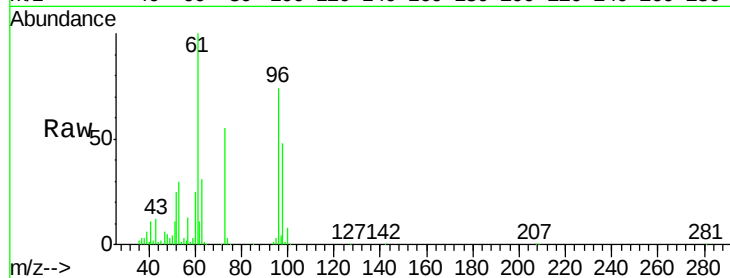
Tot Ion: 96 Resp: 119563

Ion Ratio Lower Upper

96 100

61 134.6 115.3 172.9

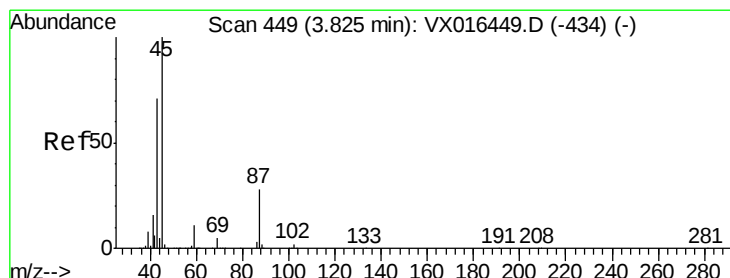
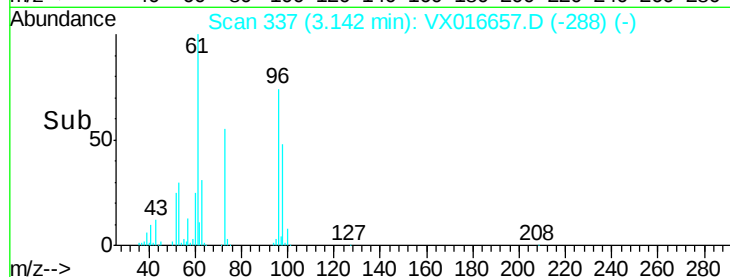
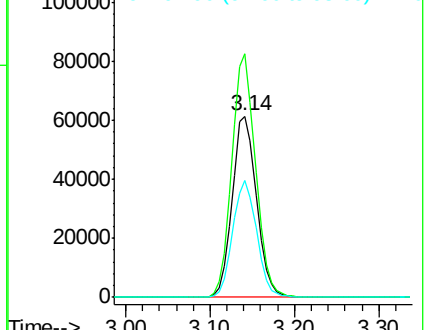
98 64.3 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 42.874 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Tgt Ion: 45 Resp: 340614

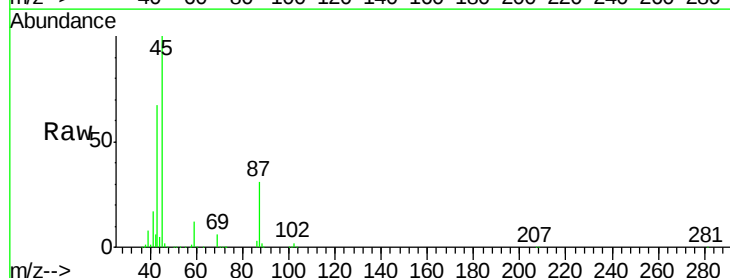
Ion Ratio Lower Upper

45 100

43 67.0 57.0 85.6

87 31.3 22.5 33.7

59 12.1 9.1 13.7

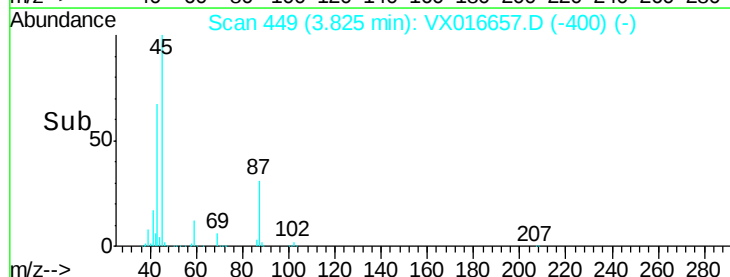
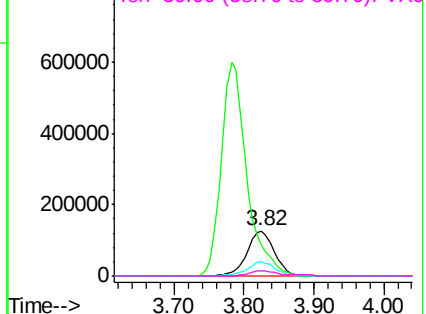


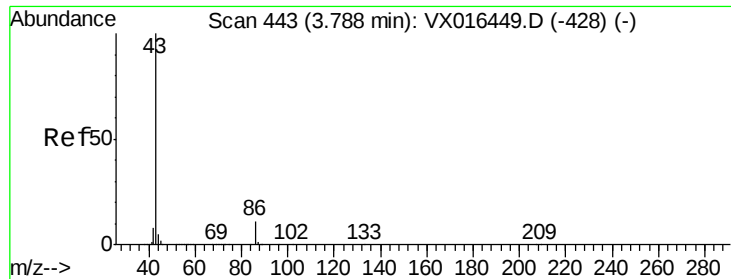
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 219.305 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

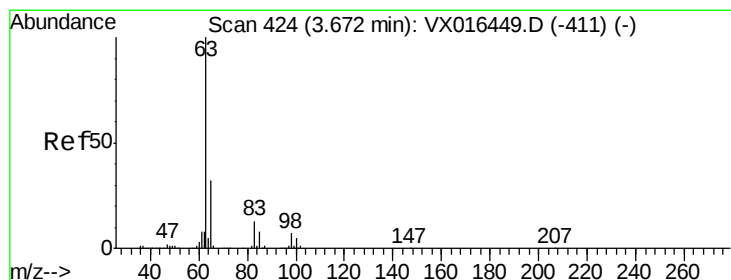
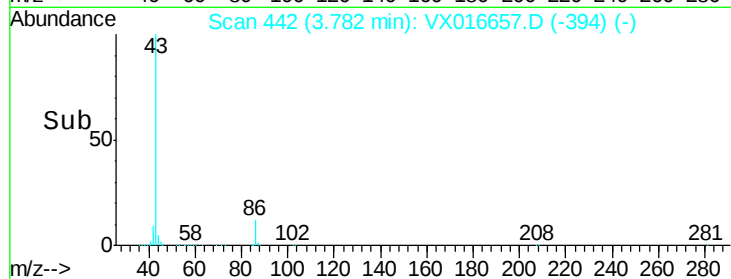
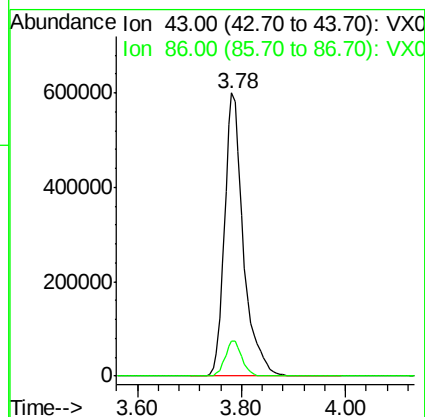
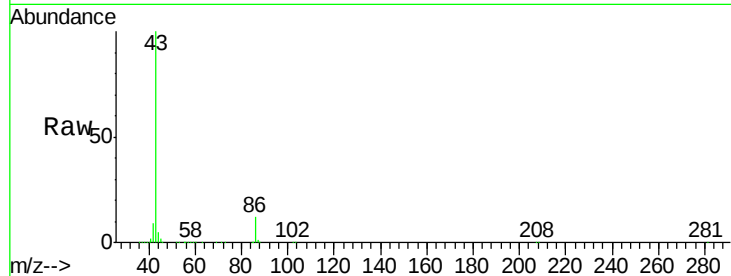
L2891-15MSD

Tot Ion: 43 Resp: 1525021

Ion Ratio Lower Upper

43 100

86 12.3 8.6 13.0



#24

1,1-Dichloroethane

Concen: 46.144 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

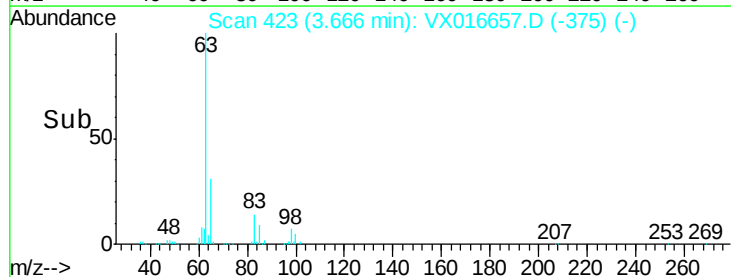
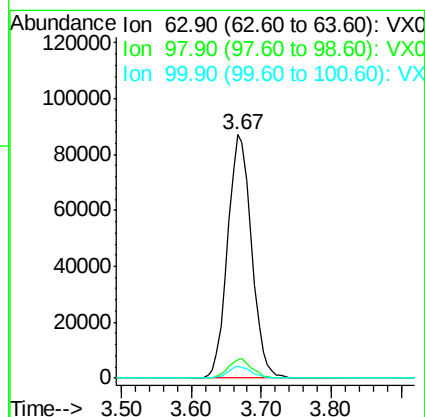
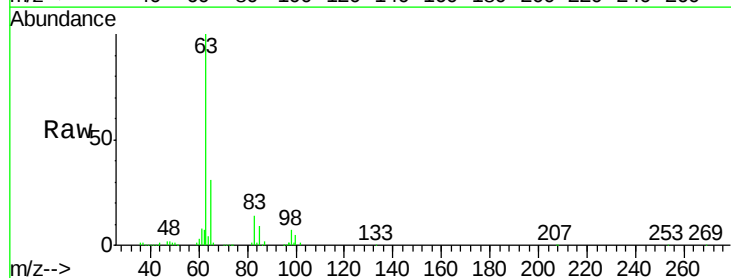
Tgt Ion: 63 Resp: 206911

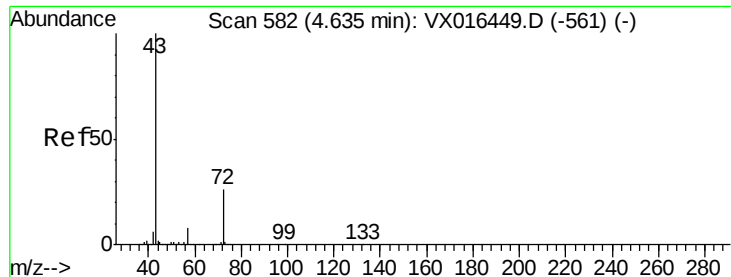
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 212.852 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

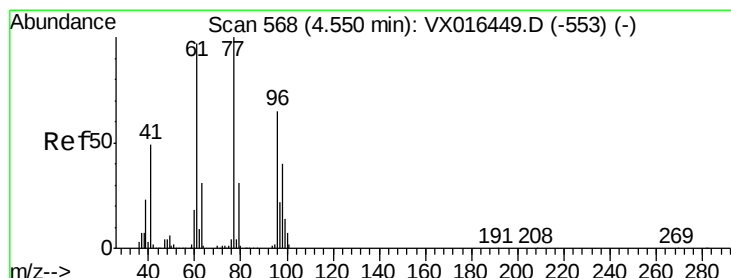
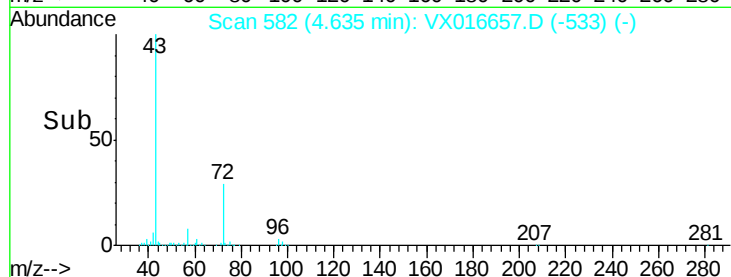
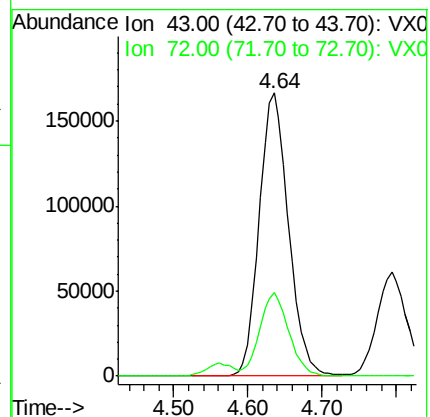
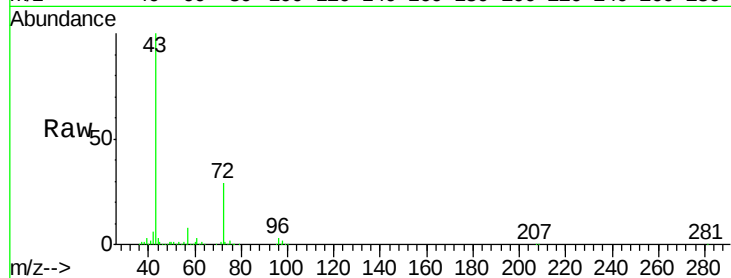
L2891-15MSD

Tot Ion: 43 Resp: 458614

Ion Ratio Lower Upper

43 100

72 29.4 21.0 31.6



#26

2,2-Dichloropropane

Concen: 53.871 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016657.D

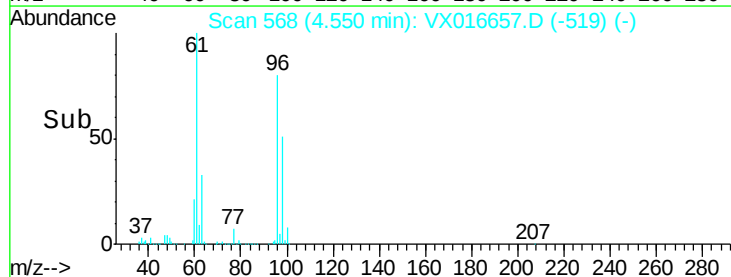
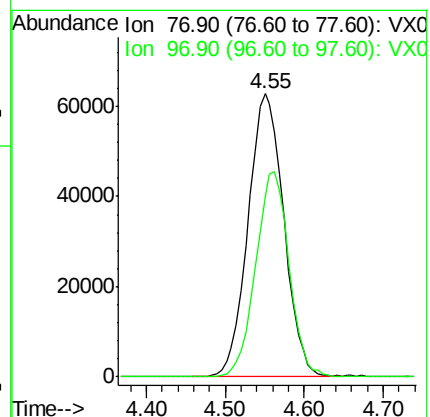
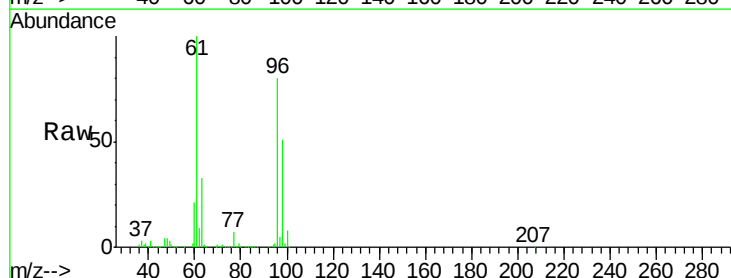
Acq: 09 Jun 2020 12:38

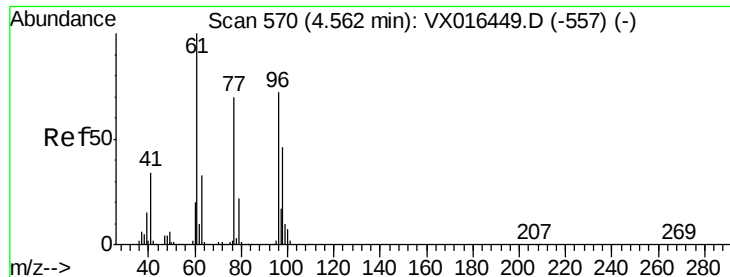
Tgt Ion: 77 Resp: 197663

Ion Ratio Lower Upper

77 100

97 67.9 11.5 34.4#



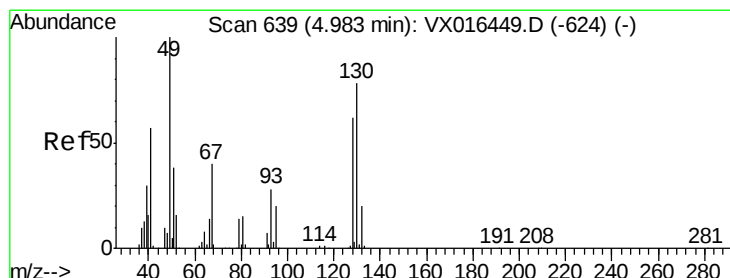
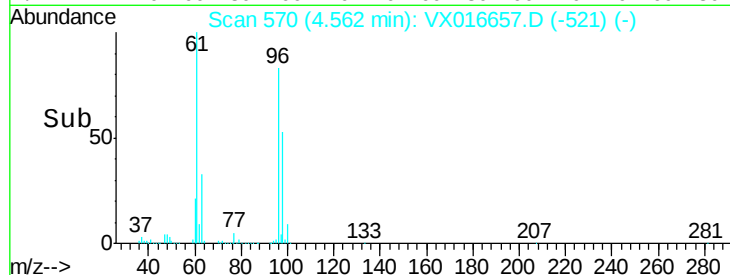
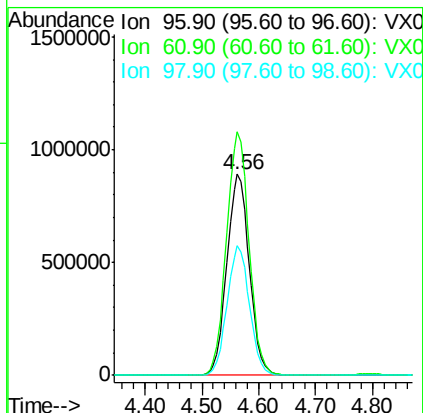
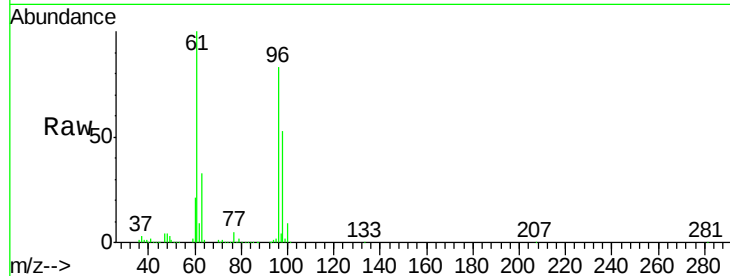


#27

cis-1,2-Dichloroethene
Concen: 852.231 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
L2891-15MSD

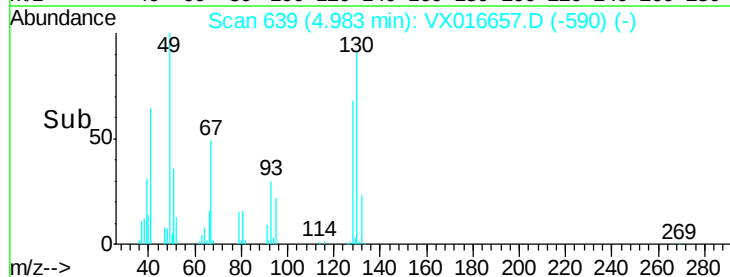
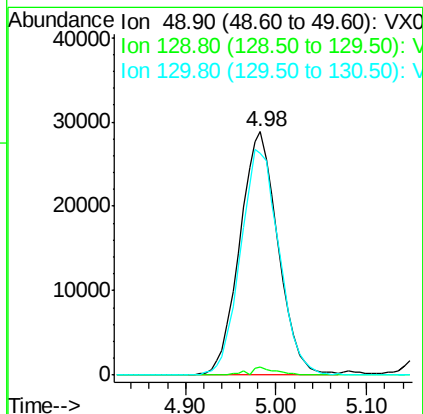
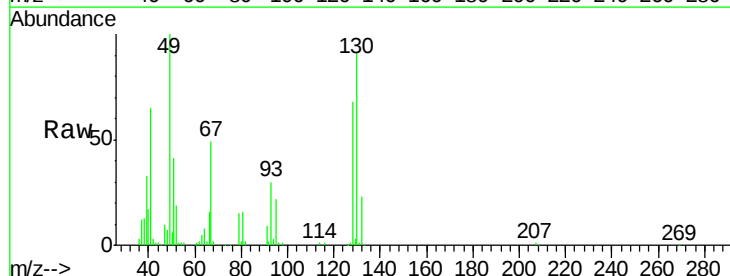
Tot Ion: 96 Resp: 2452334
Ion Ratio Lower Upper
96 100
61 121.7 0.0 284.6
98 64.2 0.0 127.2

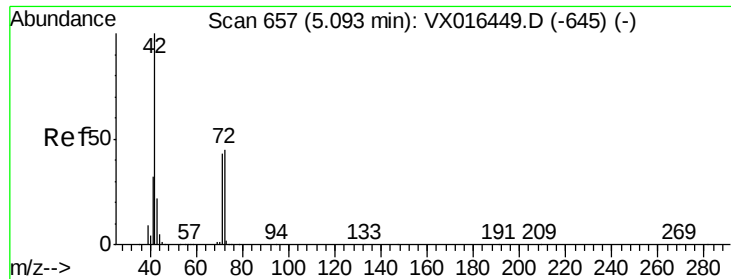


#28

Bromochloromethane
Concen: 40.470 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

Tgt Ion: 49 Resp: 84328
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.0
130 93.5 63.0 94.4

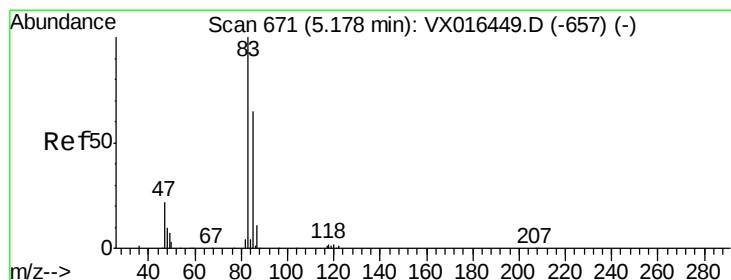
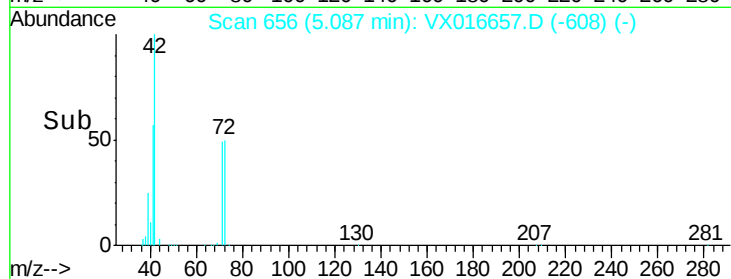
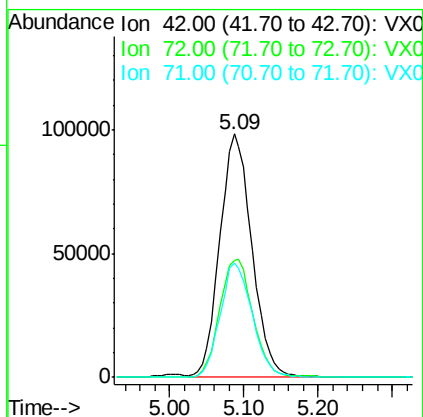
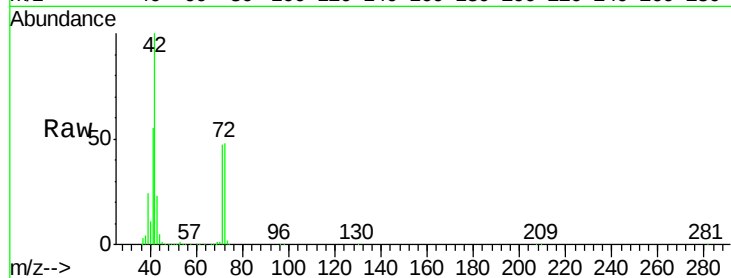




#29
Tetrahydrofuran
Concen: 211.634 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

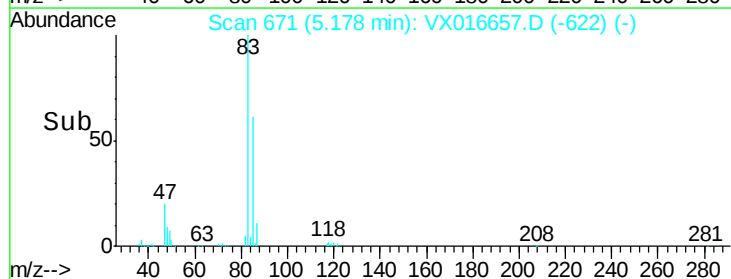
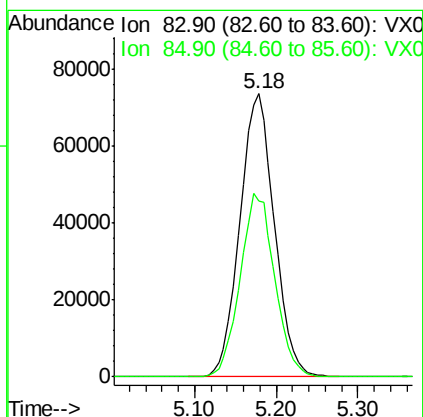
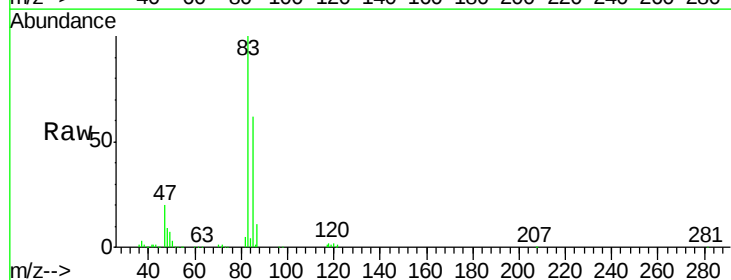
Instrument :
MSVOA_X
ClientSampleId :
L2891-15MSD

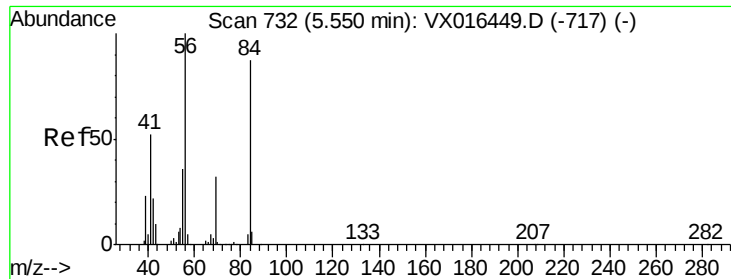
Tot Ion: 42 Resp: 294592
Ion Ratio Lower Upper
42 100
72 50.7 37.0 55.4
71 47.2 34.1 51.1



#30
Chloroform
Concen: 47.893 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

Tgt Ion: 83 Resp: 216387
Ion Ratio Lower Upper
83 100
85 62.0 52.0 78.0

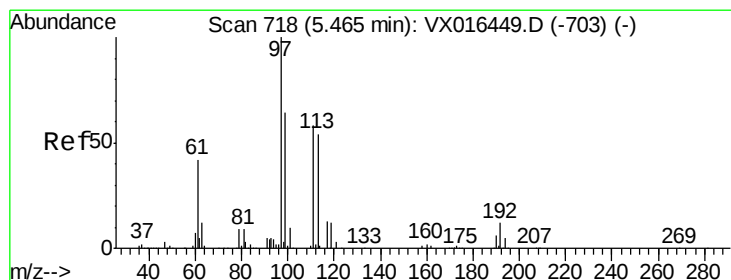
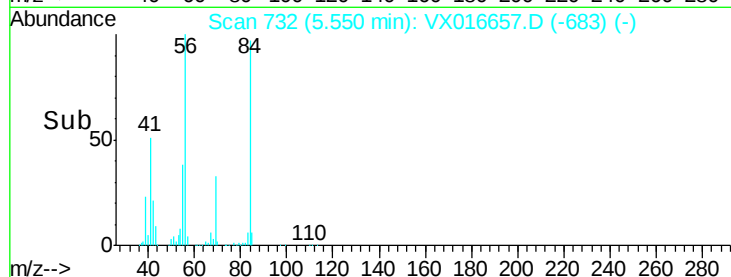
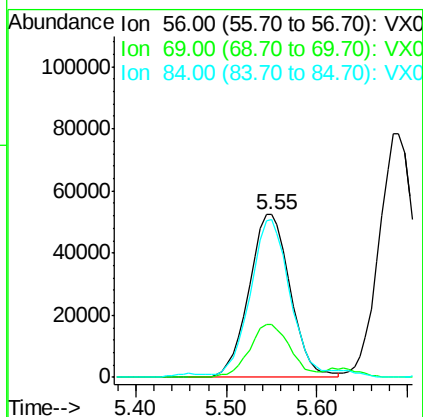
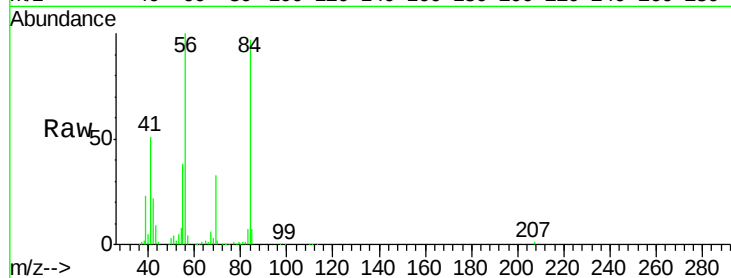




#31
Cyclohexane
Concen: 40.851 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

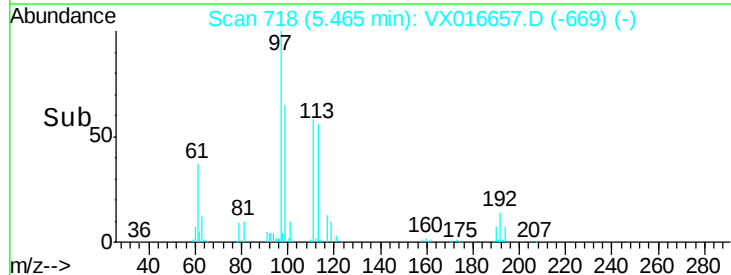
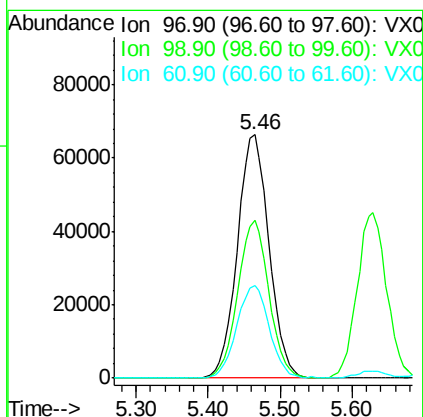
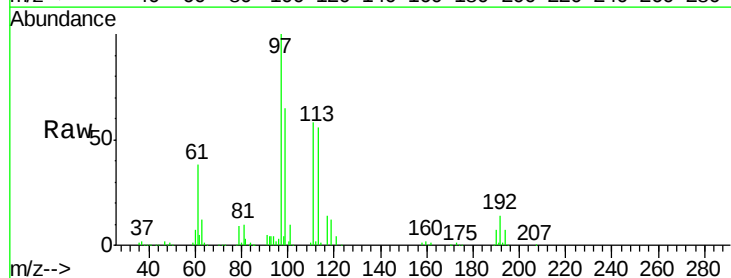
Instrument :
MSVOA_X
ClientSampled :
L2891-15MSD

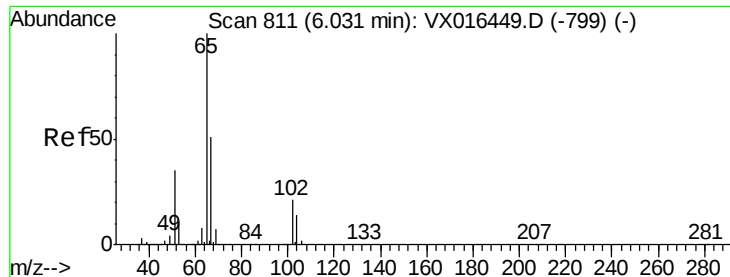
Tot Ion: 56 Resp: 164794
Ion Ratio Lower Upper
56 100
69 32.7 25.7 38.5
84 94.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.549 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

Tgt Ion: 97 Resp: 202678
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.2
61 39.2 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 44.831 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

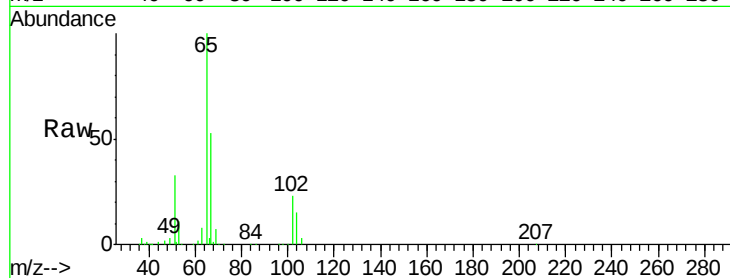
L2891-15MSD

Tot Ion: 65 Resp: 130114

Ion Ratio Lower Upper

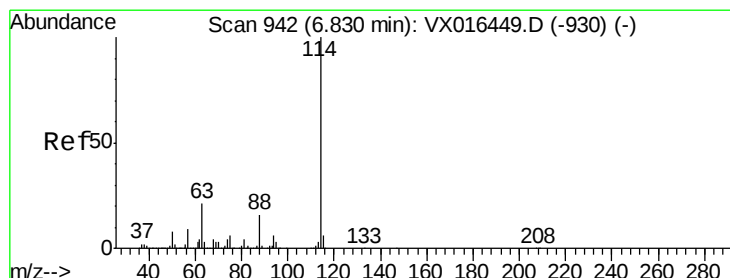
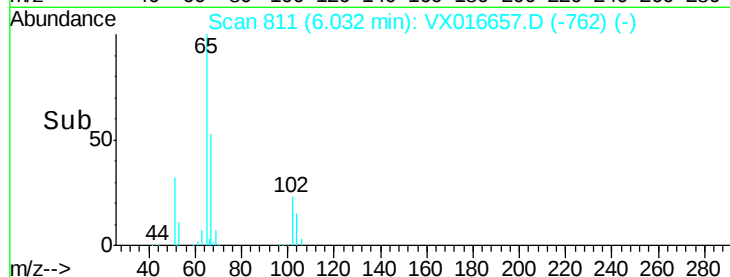
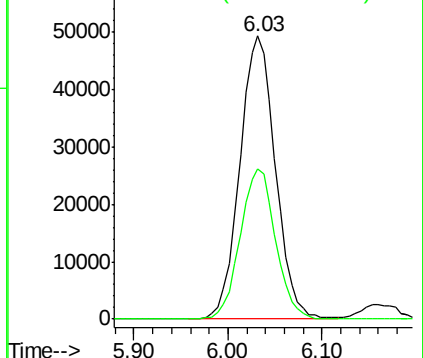
65 100

67 52.8 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

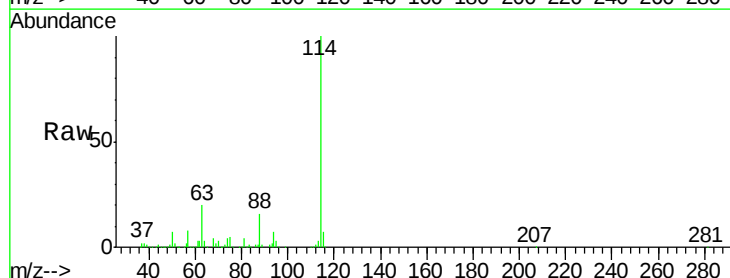
Tgt Ion: 114 Resp: 351229

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

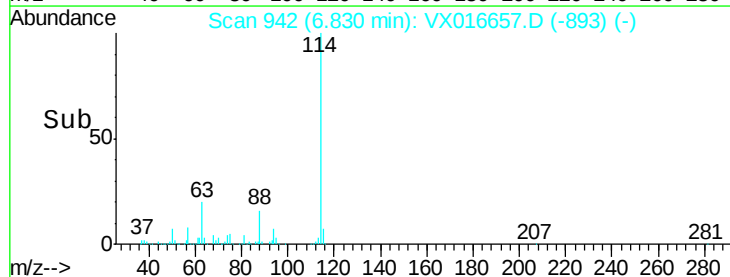
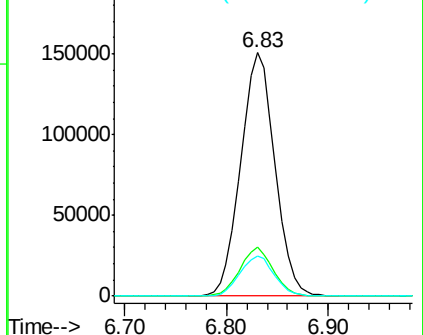
88 16.5 0.0 32.8

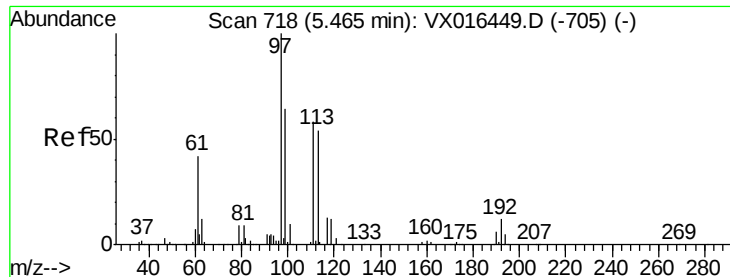


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.136 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampled :

L2891-15MSD

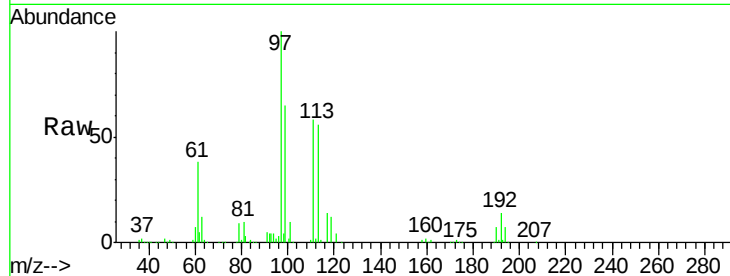
Tot Ion:113 Resp: 106266

Ion Ratio Lower Upper

113 100

111 104.5 83.0 124.6

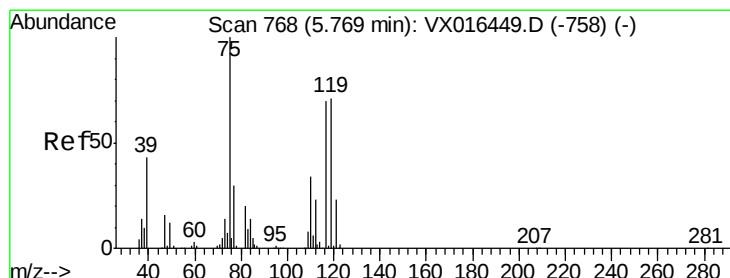
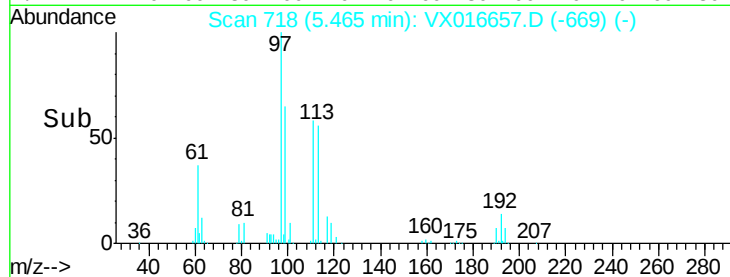
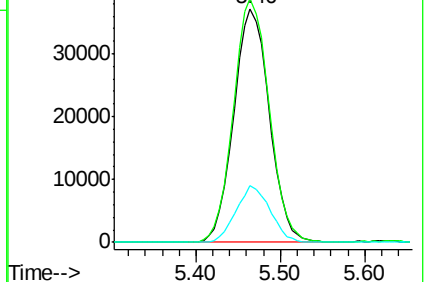
192 23.2 17.7 26.5



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: 47.007 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

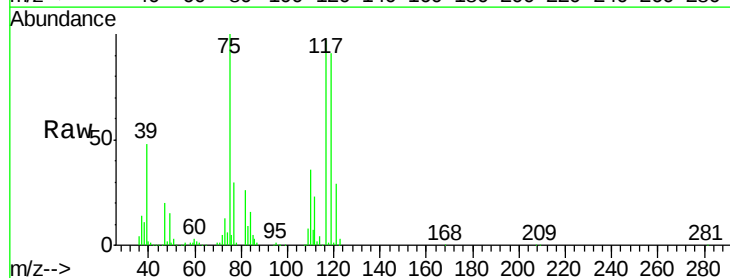
Tgt Ion: 75 Resp: 156322

Ion Ratio Lower Upper

75 100

110 36.8 17.4 52.3

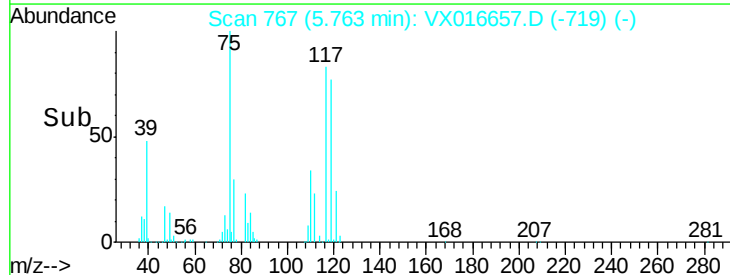
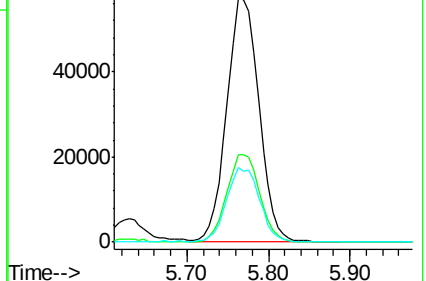
77 31.4 24.2 36.4

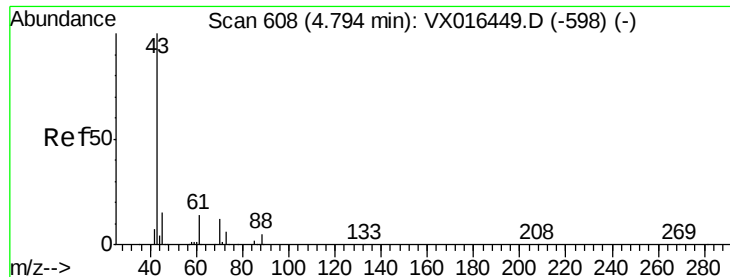


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

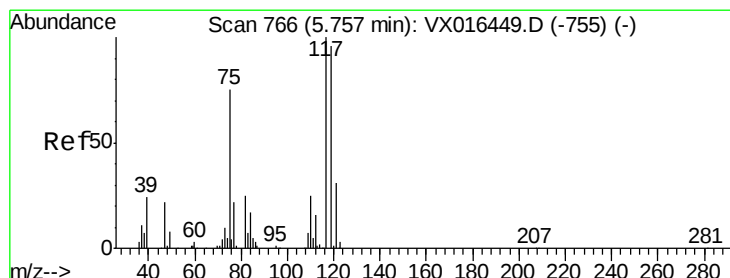
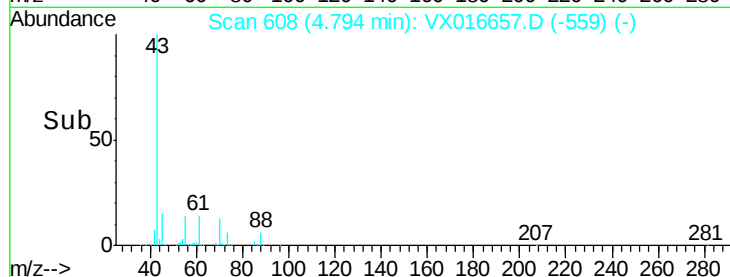
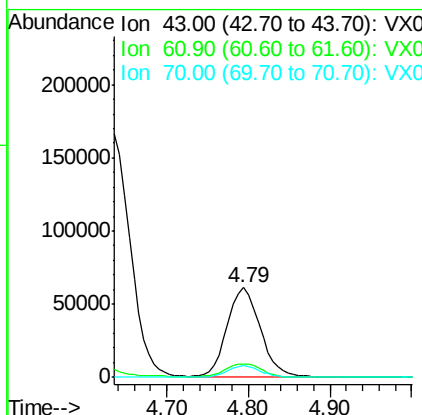
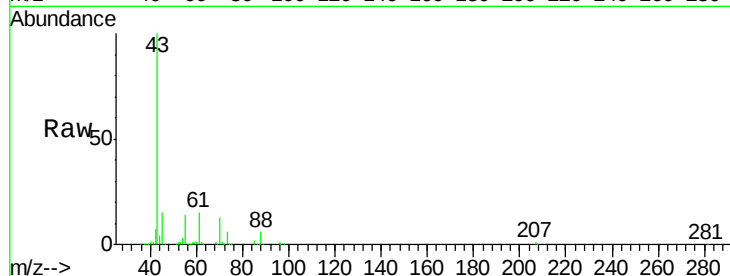




#37
Ethyl Acetate
Concen: 43.299 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

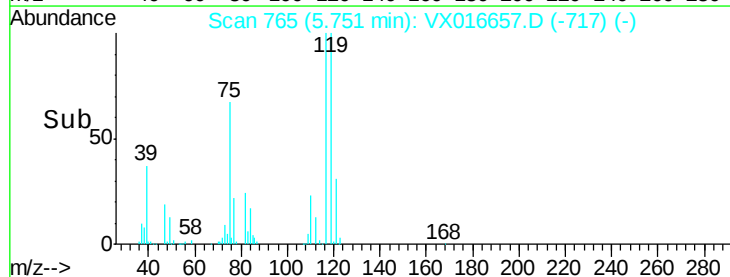
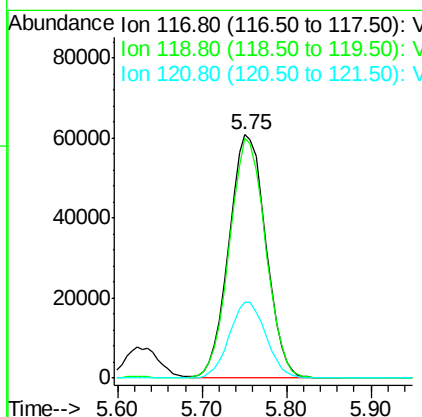
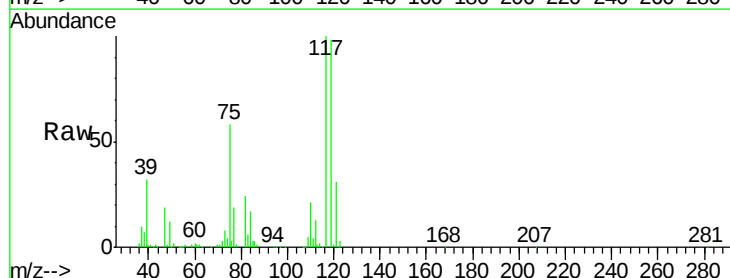
Instrument :
MSVOA_X
ClientSampleId :
L2891-15MSD

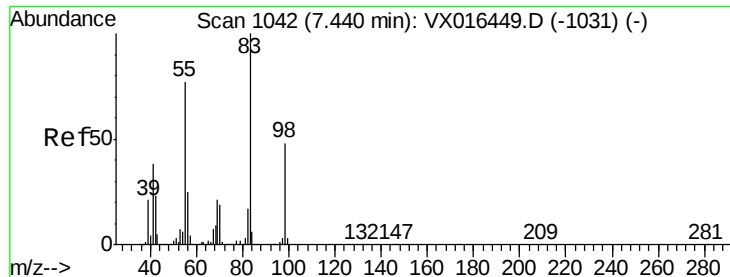
Tot Ion: 43 Resp: 172870
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 12.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 51.747 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

Tgt Ion: 117 Resp: 180841
Ion Ratio Lower Upper
117 100
119 98.2 76.3 114.5
121 31.2 24.6 37.0

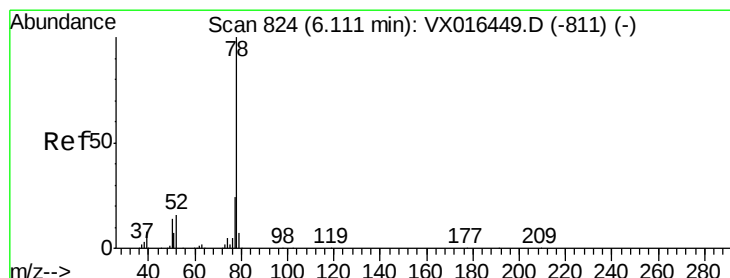
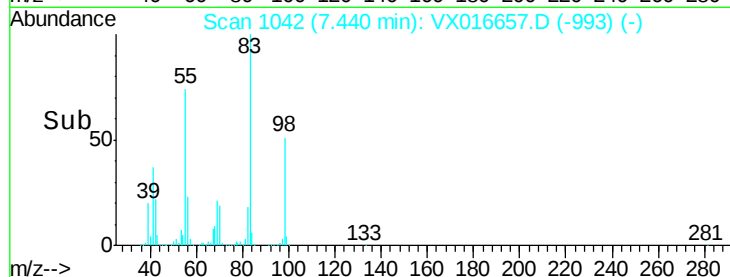
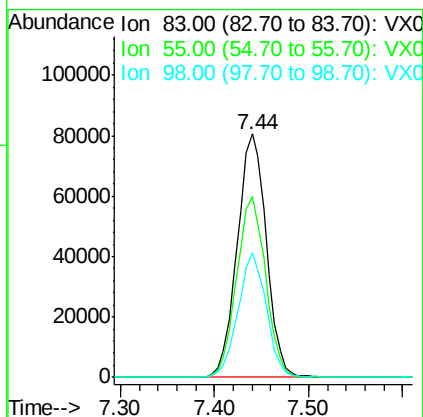
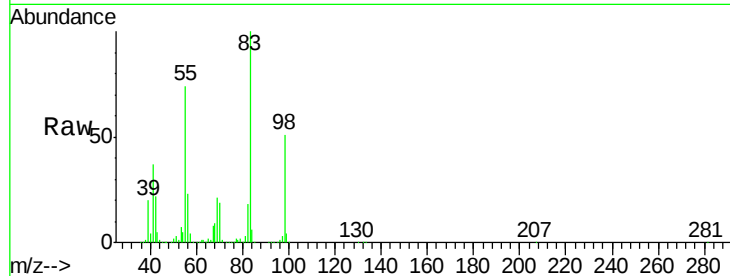




#39
Methvlcvclohexane
Concen: 48.128 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

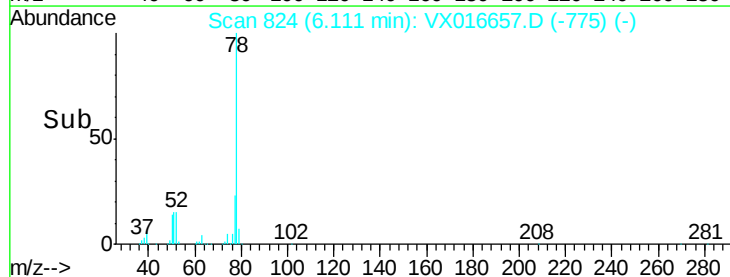
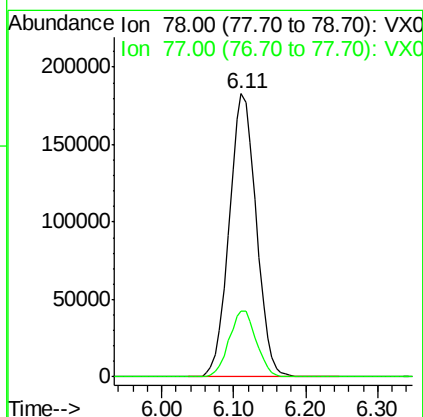
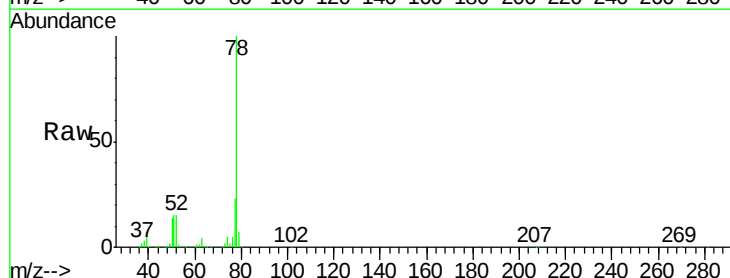
Instrument :
MSVOA_X
ClientSampled :
L2891-15MSD

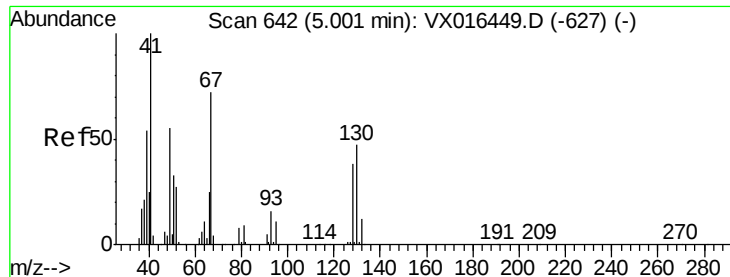
Tot Ion: 83 Resp: 173841
Ion Ratio Lower Upper
83 100
55 74.1 61.7 92.5
98 51.0 38.7 58.1



#40
Benzene
Concen: 48.236 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

Tgt Ion: 78 Resp: 477687
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3





#41

Methacrylonitrile

Concen: 43.422 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

L2891-15MSD

Tot Ion: 41 Resp: 95225

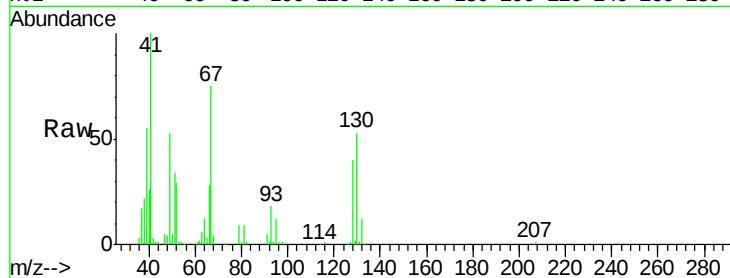
Ion Ratio Lower Upper

41 100

39 54.2 43.0 64.4

67 79.0 58.9 88.3

52 29.8 23.1 34.7

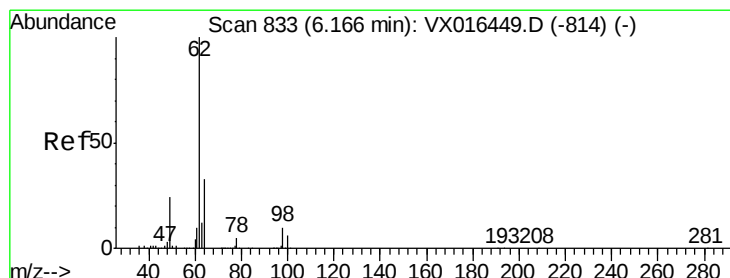
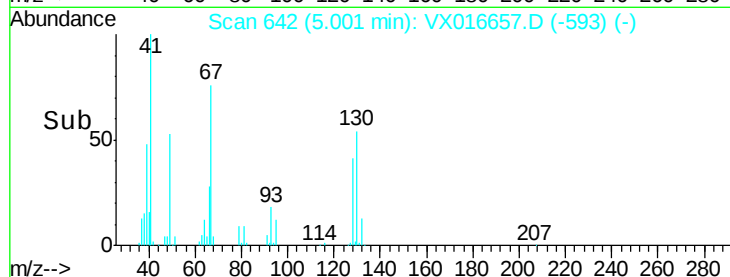
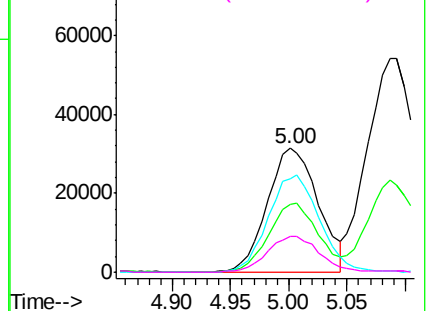


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.059 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016657.D

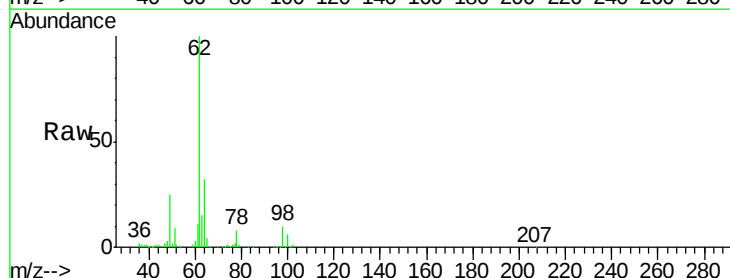
Acq: 09 Jun 2020 12:38

Tgt Ion: 62 Resp: 172776

Ion Ratio Lower Upper

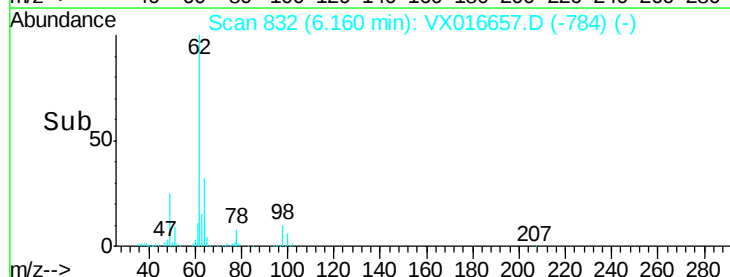
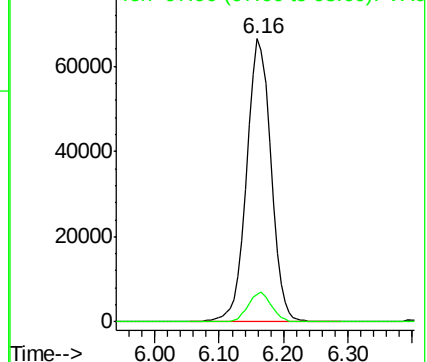
62 100

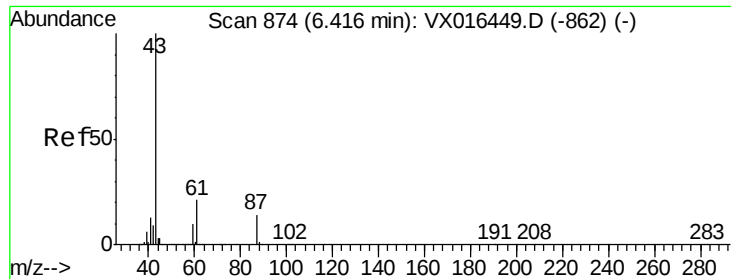
98 10.0 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



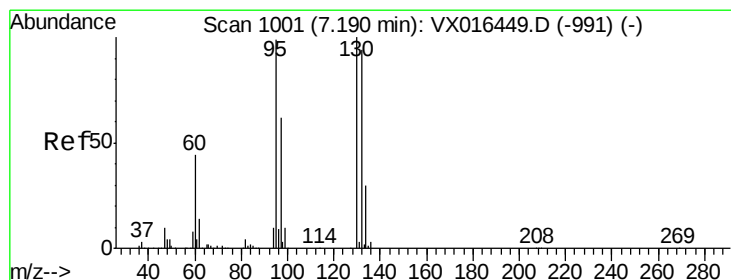
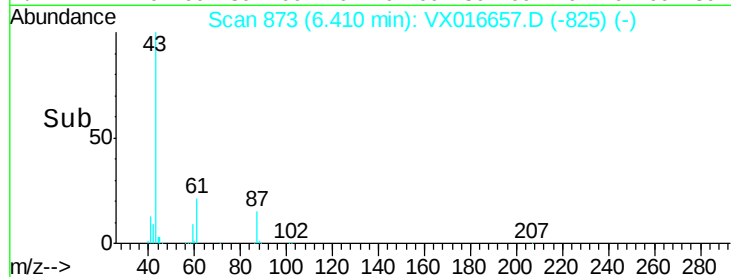
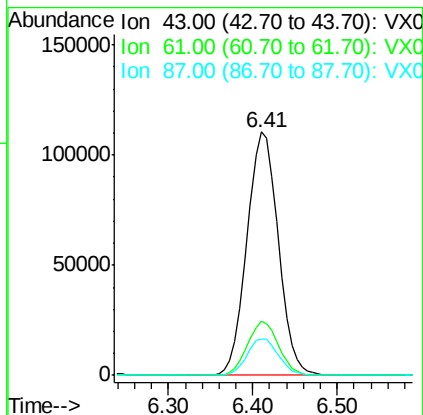
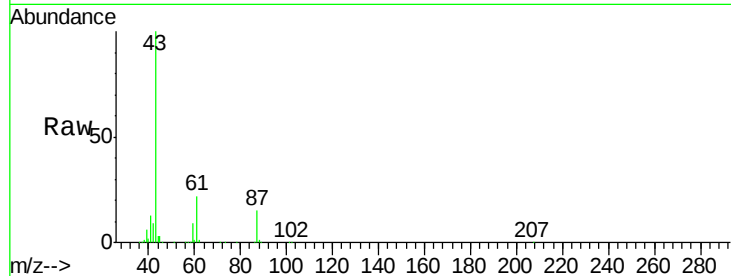


#43

Isopropyl Acetate
 Concen: 44.626 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016657.D
 Acq: 09 Jun 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 L2891-15MSD

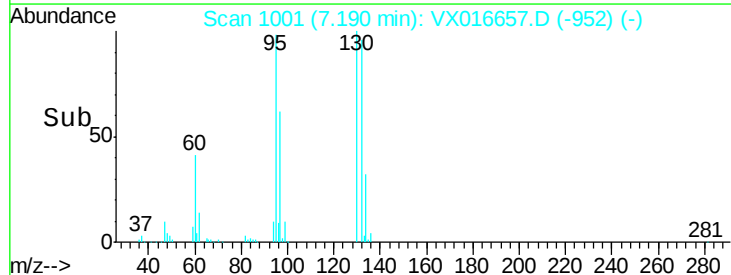
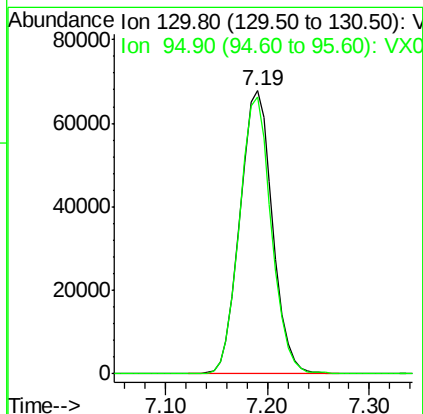
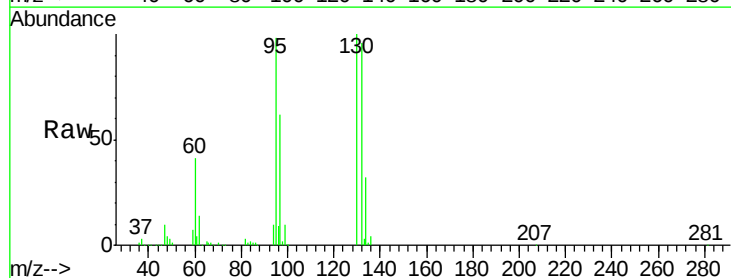
Tot Ion: 43 Resp: 277914
 Ion Ratio Lower Upper
 43 100
 61 22.3 16.8 25.2
 87 15.2 11.2 16.8

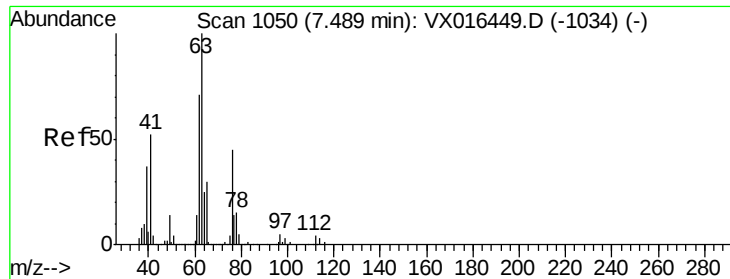


#44

Trichloroethene
 Concen: 47.852 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016657.D
 Acq: 09 Jun 2020 12:38

Tgt Ion: 130 Resp: 150352
 Ion Ratio Lower Upper
 130 100
 95 98.0 0.0 198.2

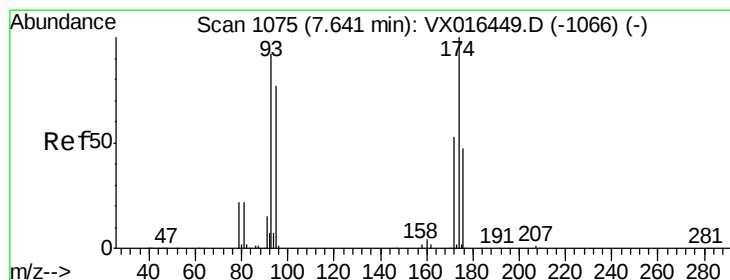
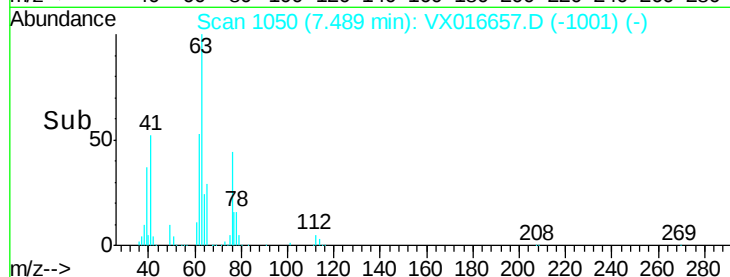
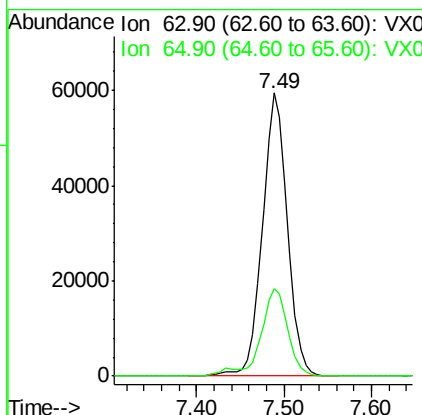
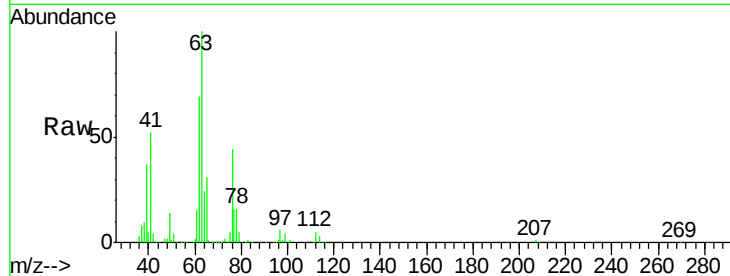




#45
 1,2-Dichloropropane
 Concen: 47.158 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX016657.D
 Acq: 09 Jun 2020 12:38

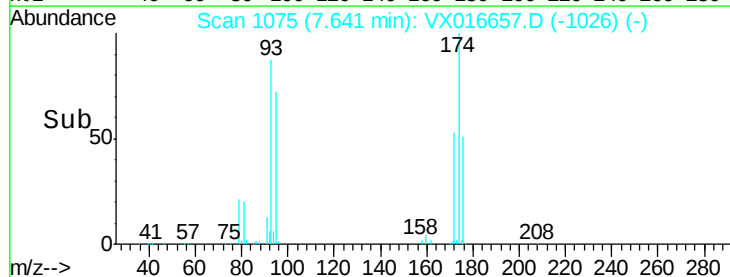
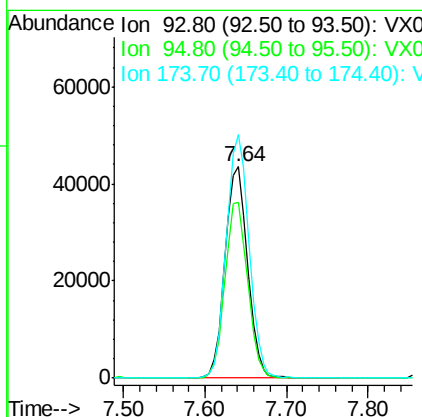
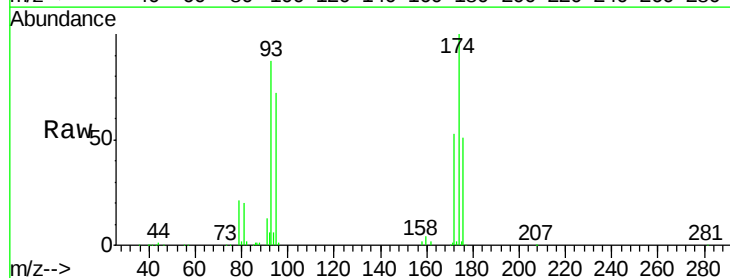
Instrument :
 MSVOA_X
 ClientSampleId :
 L2891-15MSD

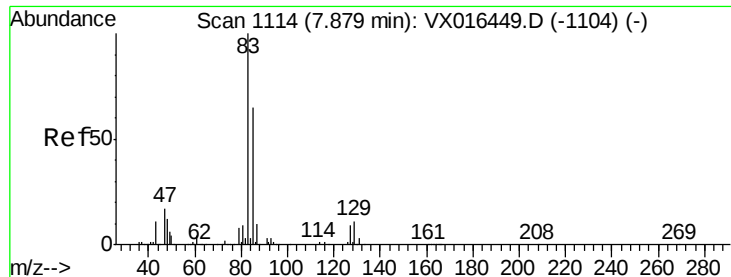
Tot Ion: 63 Resp: 118891
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.2 36.2



#46
 Dibromomethane
 Concen: 49.221 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016657.D
 Acq: 09 Jun 2020 12:38

Tgt Ion: 93 Resp: 83349
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.6 100.0
 174 115.8 86.2 129.4





#47

Bromodichloromethane

Concen: 50.200 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

L2891-15MSD

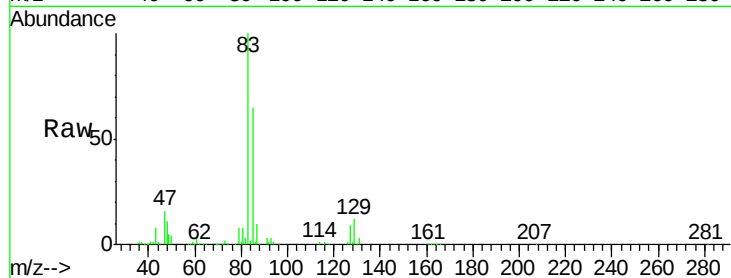
Tot Ion: 83 Resp: 176011

Ion Ratio Lower Upper

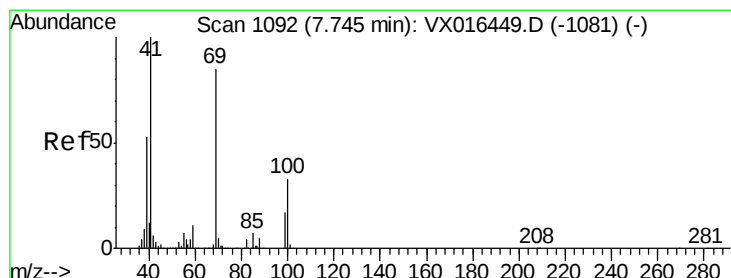
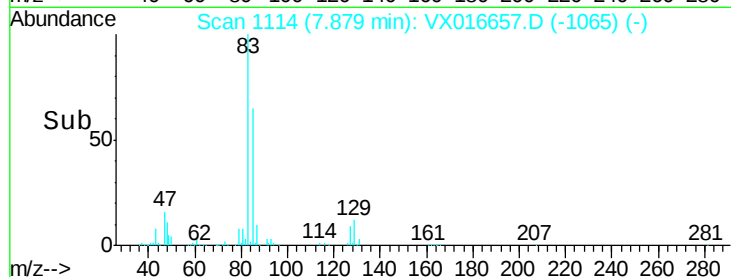
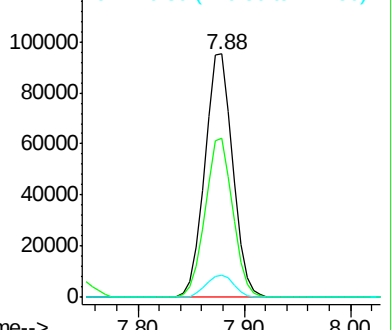
83 100

85 65.3 52.0 78.0

127 9.0 7.4 11.0



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



#48

Methyl methacrylate

Concen: 45.268 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

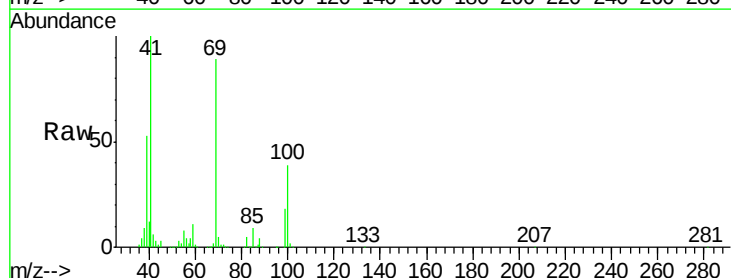
Tgt Ion: 41 Resp: 134979

Ion Ratio Lower Upper

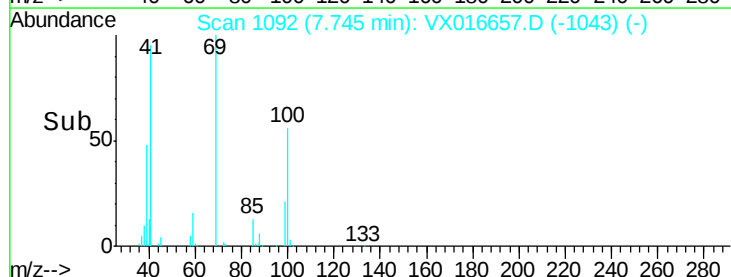
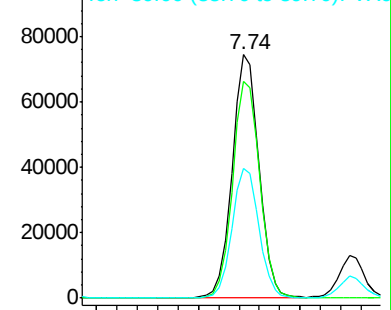
41 100

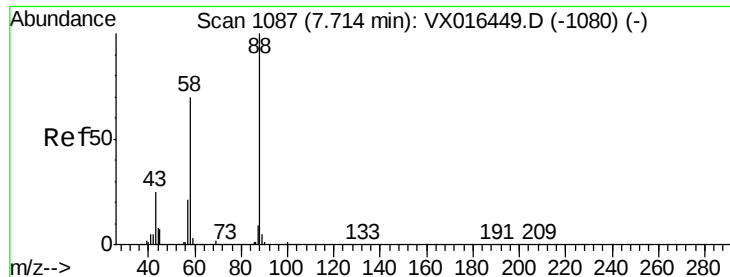
69 90.8 68.6 102.8

39 53.7 42.4 63.6



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 946.115 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

L2891-15MSD

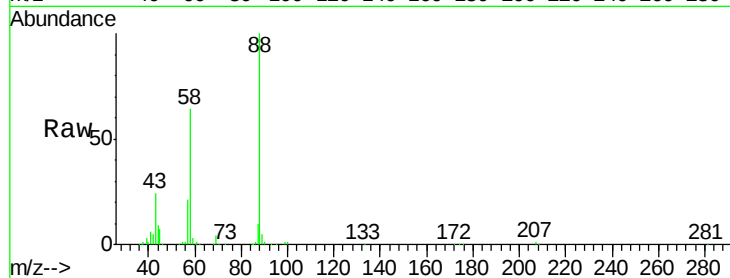
Tot Ion: 88 Resp: 66021

Ion Ratio Lower Upper

88 100

43 29.3 24.2 36.4

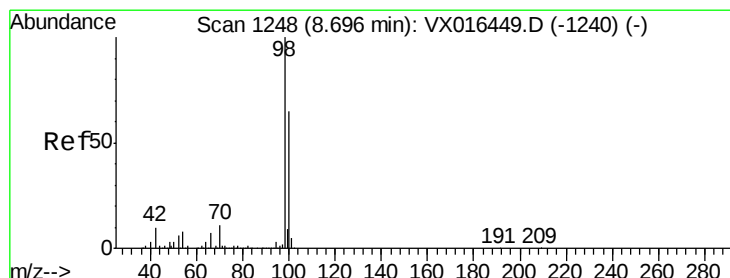
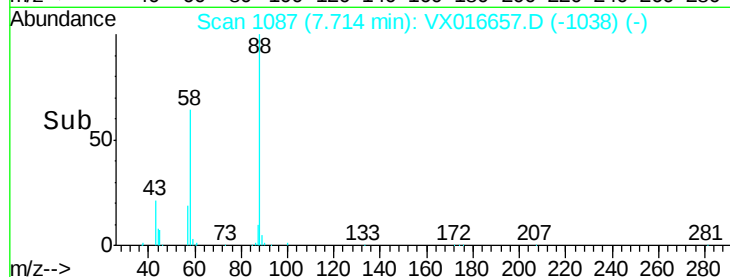
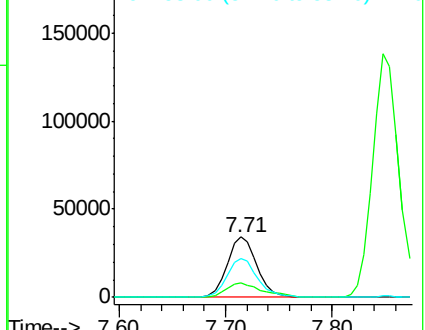
58 67.3 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.141 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016657.D

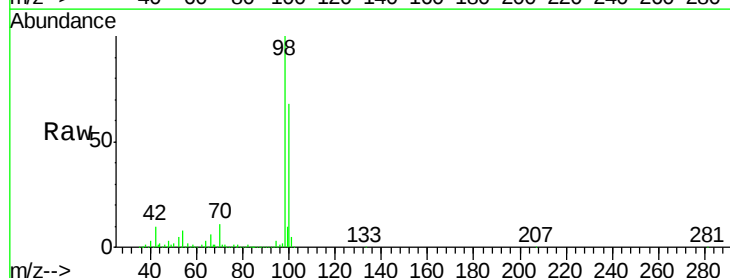
Acq: 09 Jun 2020 12:38

Tgt Ion: 98 Resp: 405235

Ion Ratio Lower Upper

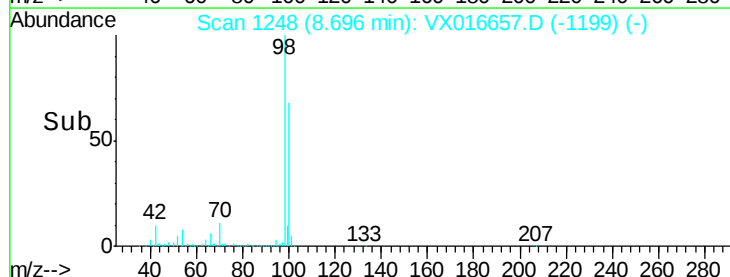
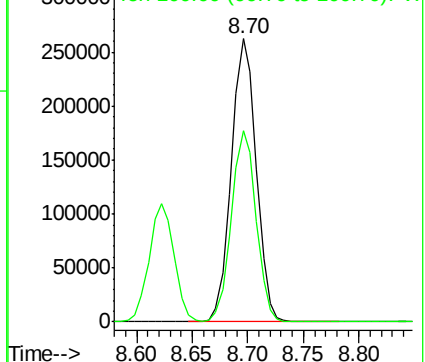
98 100

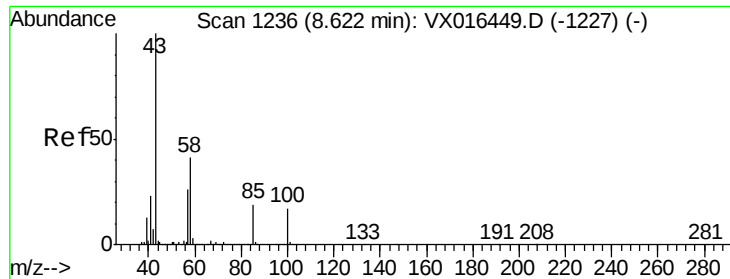
100 66.9 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

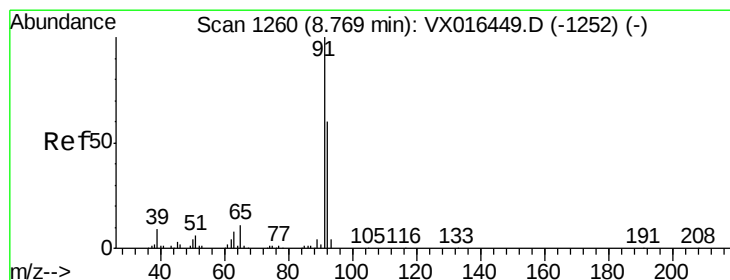
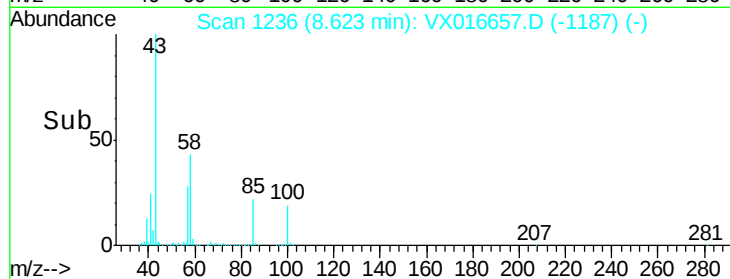
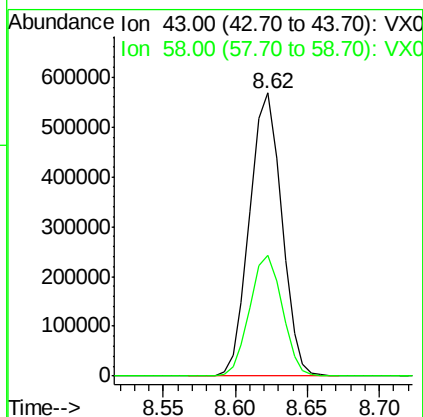
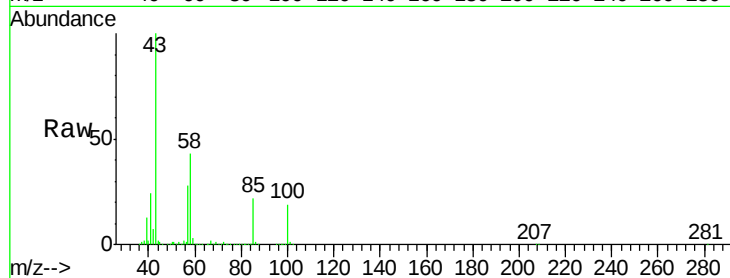




#51
 4-Methyl-2-Pentanone
 Concen: 227.078 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX016657.D
 Acq: 09 Jun 2020 12:38

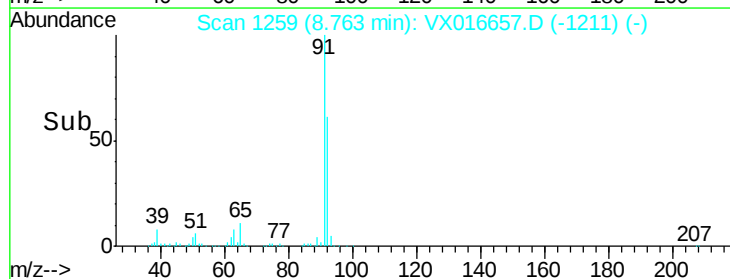
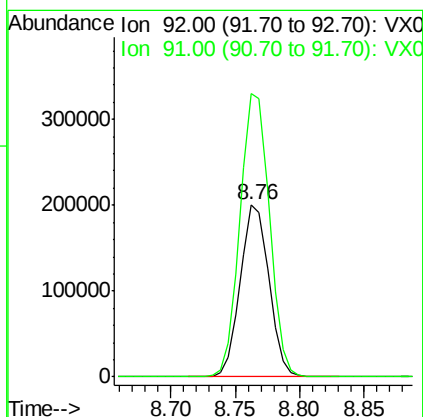
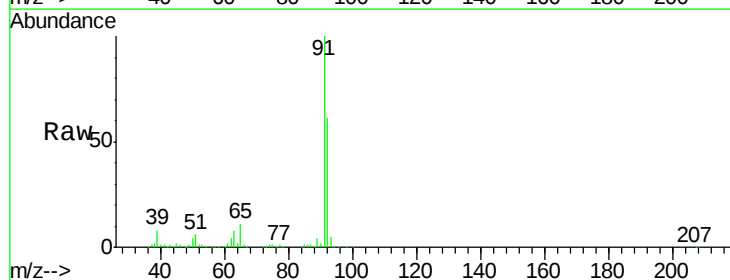
Instrument :
 MSVOA_X
 ClientSampleId :
 L2891-15MSD

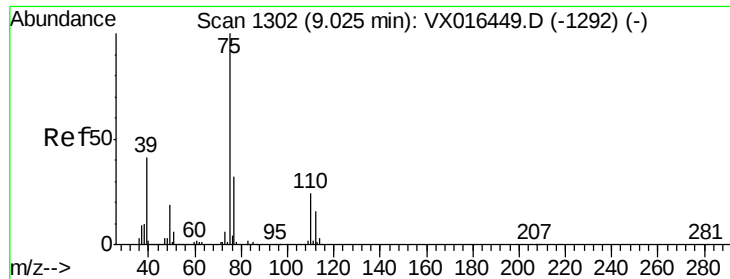
Tot Ion: 43 Resp: 880536
 Ion Ratio Lower Upper
 43 100
 58 43.1 33.0 49.6



#52
 Toluene
 Concen: 49.520 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016657.D
 Acq: 09 Jun 2020 12:38

Tgt Ion: 92 Resp: 309246
 Ion Ratio Lower Upper
 92 100
 91 168.9 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 51.374 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

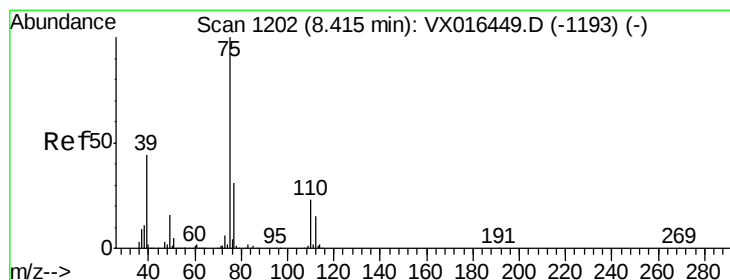
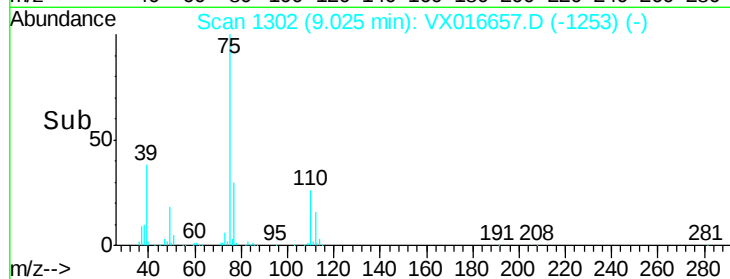
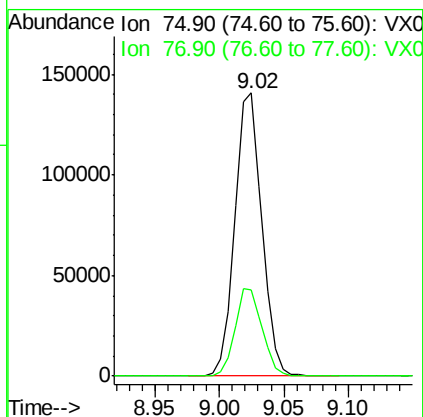
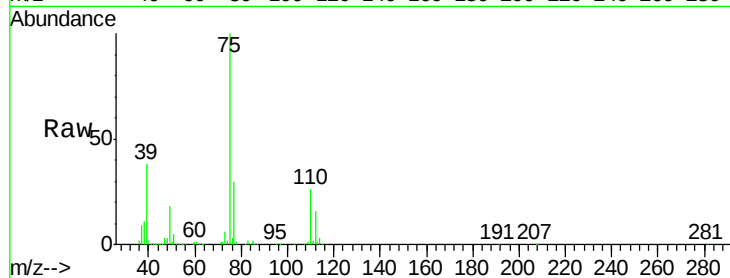
L2891-15MSD

Tot Ion: 75 Resp: 204823

Ion Ratio Lower Upper

75 100

77 30.5 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 50.142 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

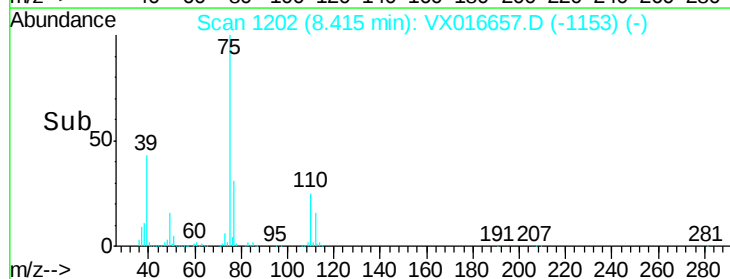
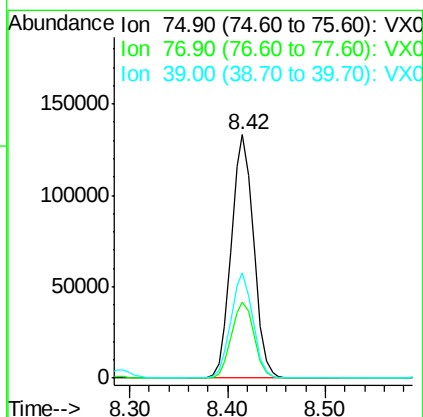
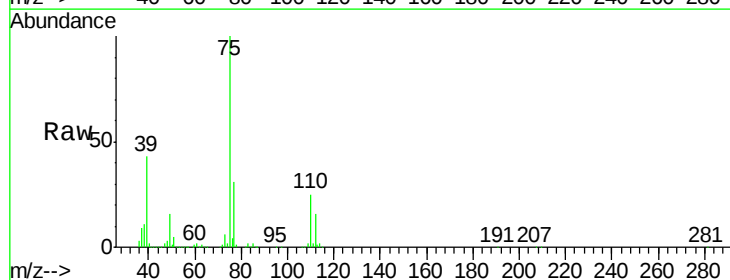
Tgt Ion: 75 Resp: 211601

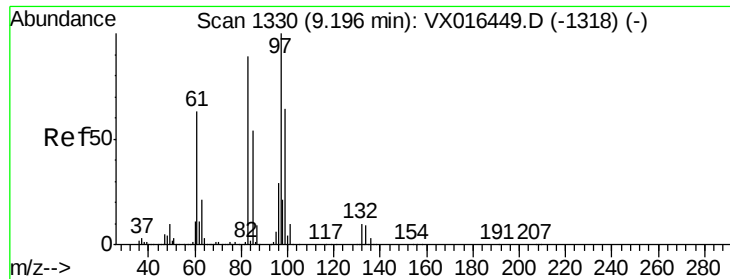
Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8

39 43.1 35.3 52.9

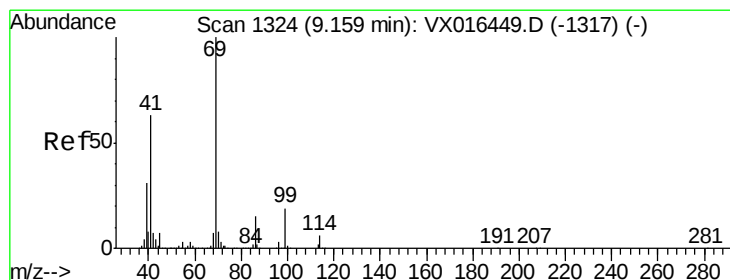
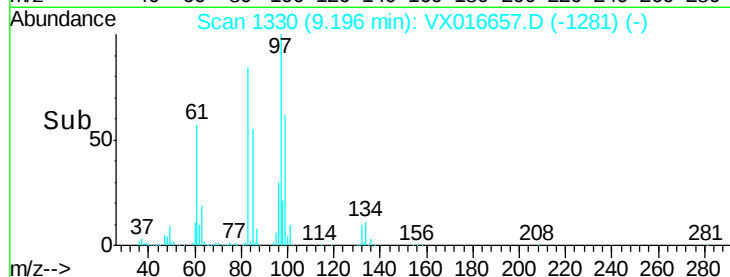
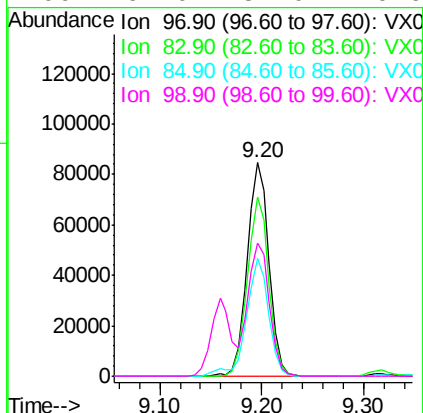
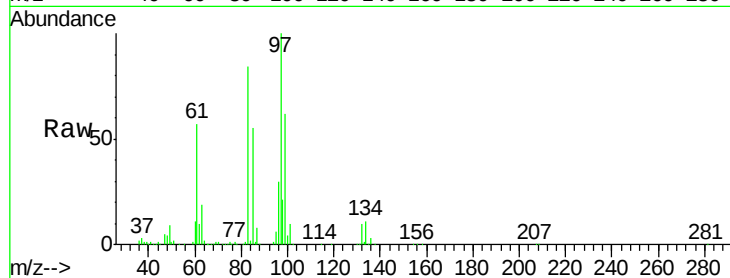




#55
 1,1,2-Trichloroethane
 Concen: 50.653 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016657.D
 Acq: 09 Jun 2020 12:38

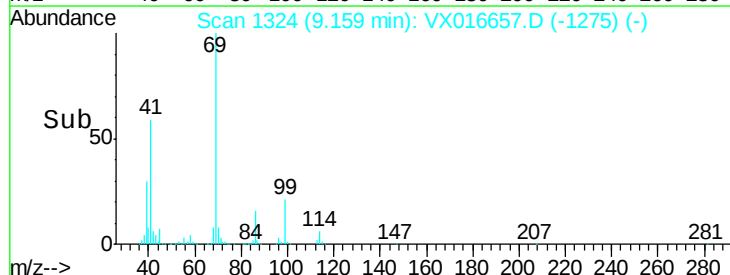
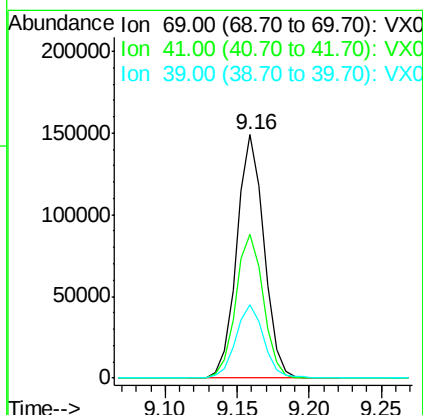
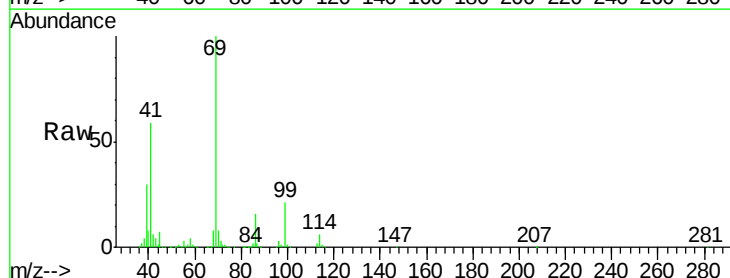
Instrument :
 MSVOA_X
 ClientSampleId :
 L2891-15MSD

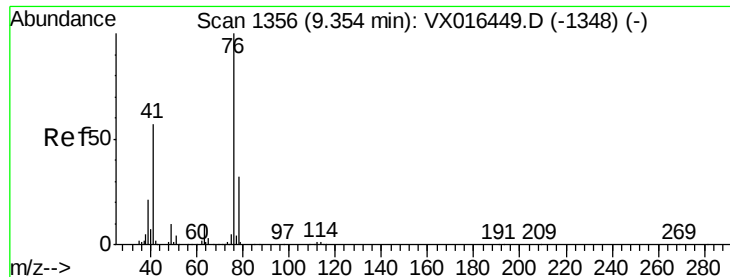
Tot Ion:	97	Resp:	125768
Ion	Ratio	Lower	Upper
97	100		
83	84.0	70.9	106.3
85	55.0	43.4	65.2
99	62.0	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 48.526 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016657.D
 Acq: 09 Jun 2020 12:38

Tgt Ion:	69	Resp:	196231
Ion	Ratio	Lower	Upper
69	100		
41	60.4	50.7	76.1
39	30.6	25.8	38.6





#57

1,3-Dichloropropane

Concen: 48.915 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

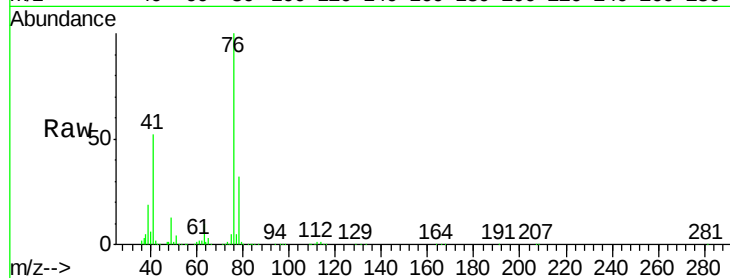
L2891-15MSD

Tot Ion: 76 Resp: 208470

Ion Ratio Lower Upper

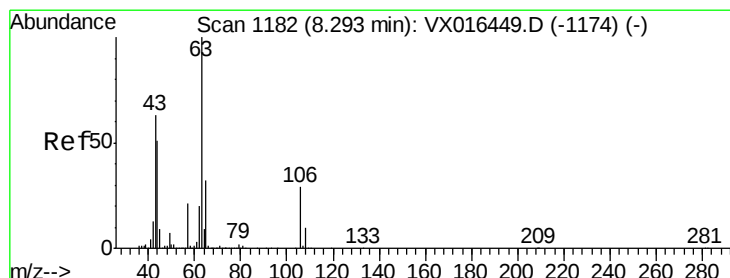
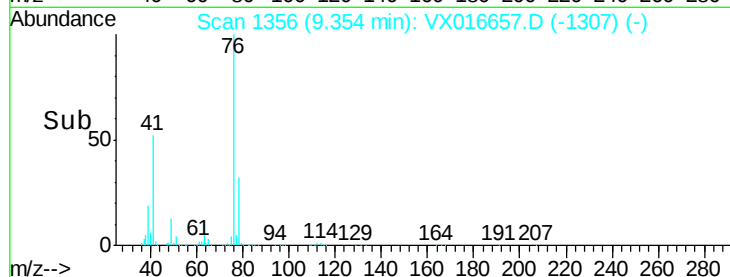
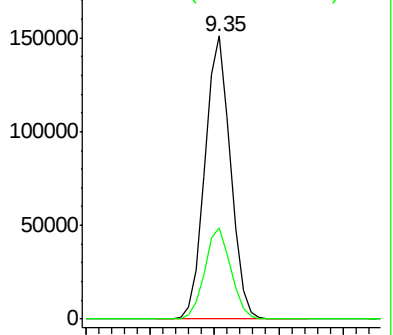
76 100

78 32.9 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 186.049 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016657.D

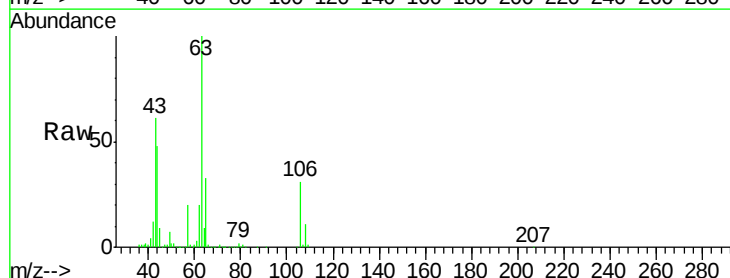
Acq: 09 Jun 2020 12:38

Tgt Ion: 63 Resp: 392693

Ion Ratio Lower Upper

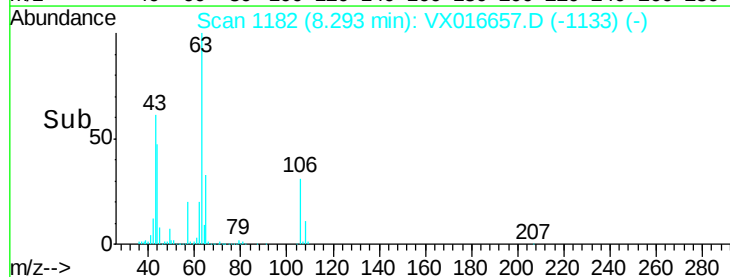
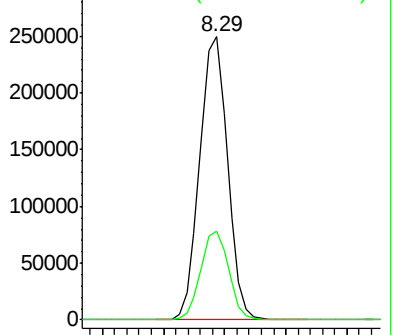
63 100

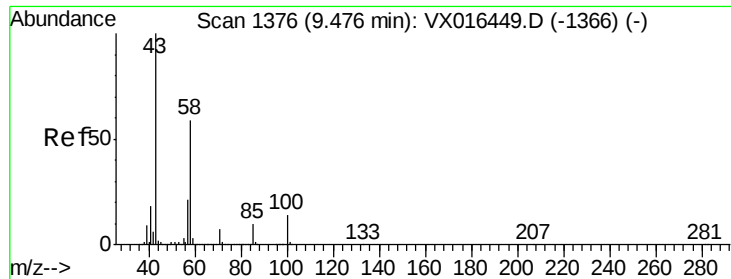
106 31.4 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

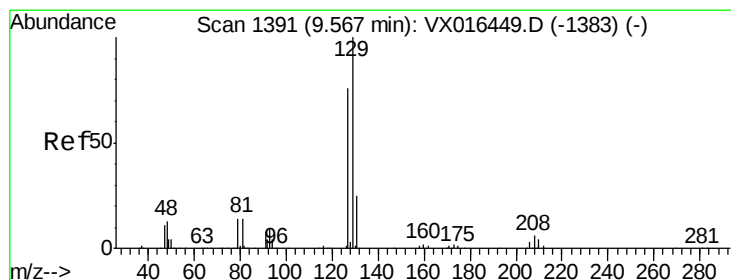
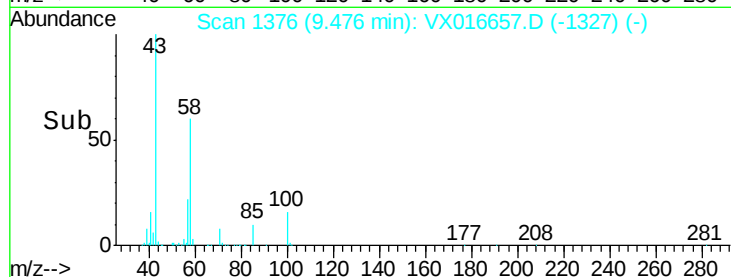
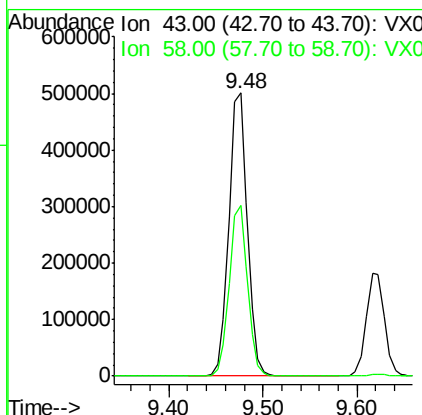
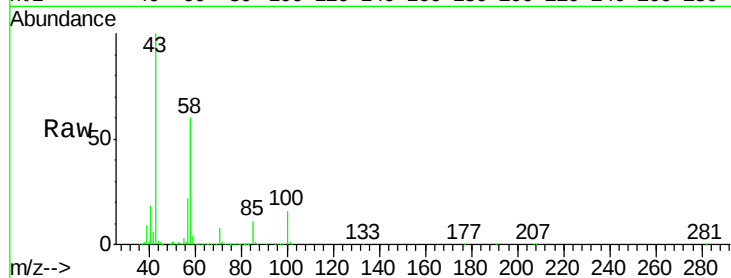




#59
2-Hexanone
Concen: 227.005 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

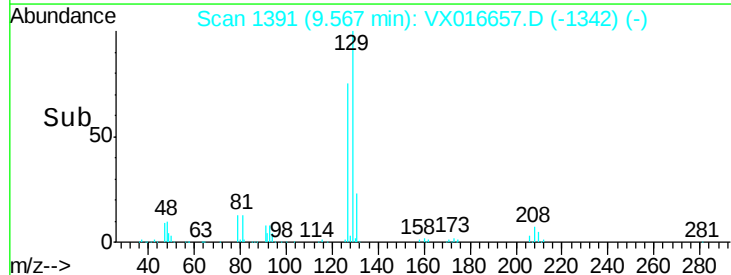
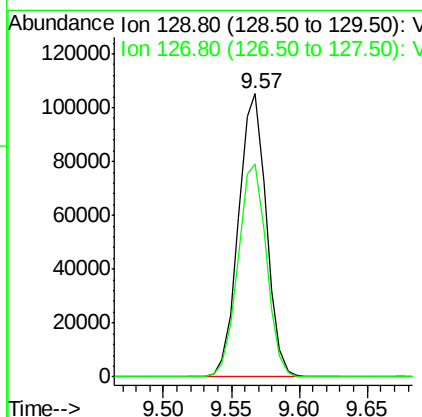
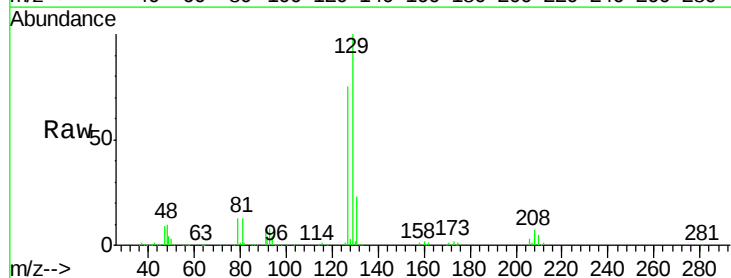
Instrument :
MSVOA_X
ClientSampled :
L2891-15MSD

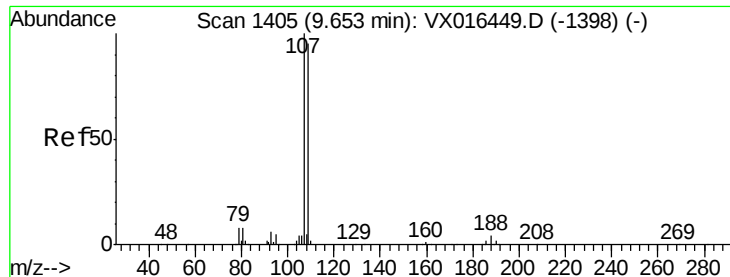
Tot Ion: 43 Resp: 684535
Ion Ratio Lower Upper
43 100
58 59.6 28.8 86.4



#60
Dibromochloromethane
Concen: 53.771 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

Tgt Ion: 129 Resp: 150248
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.268 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

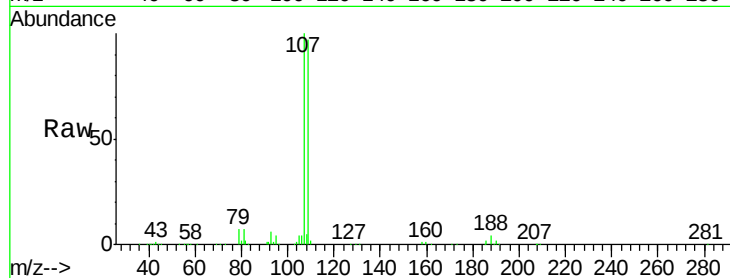
L2891-15MSD

Tot Ion: 107 Resp: 133656

Ion Ratio Lower Upper

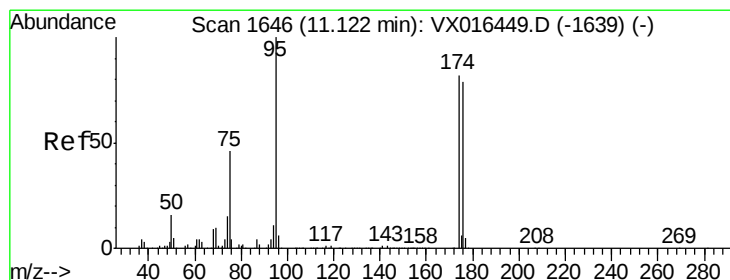
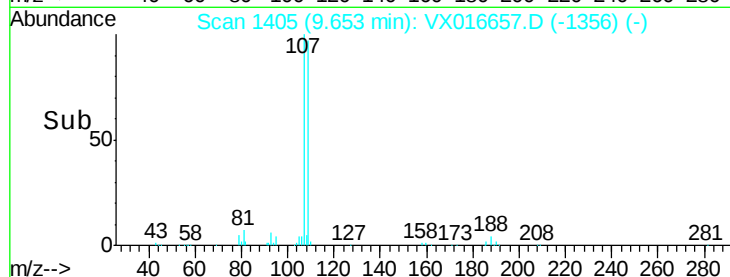
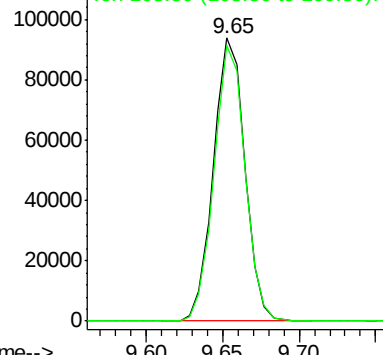
107 100

109 96.6 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.489 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

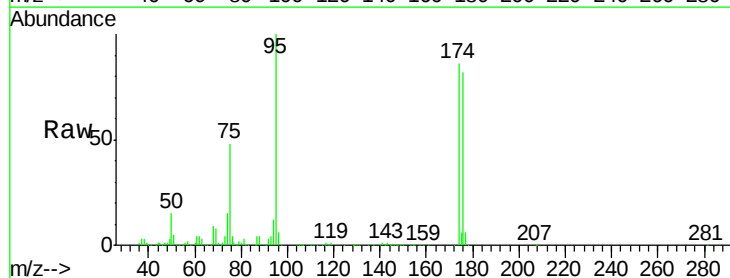
Tgt Ion: 95 Resp: 157712

Ion Ratio Lower Upper

95 100

174 85.3 0.0 163.0

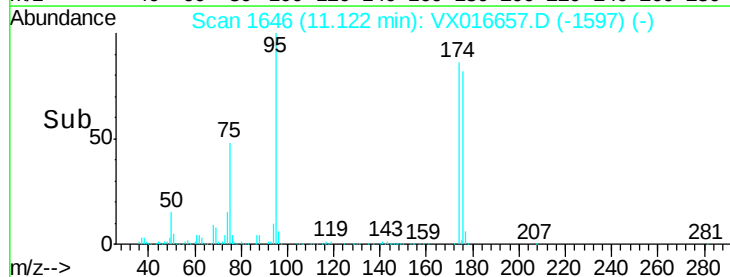
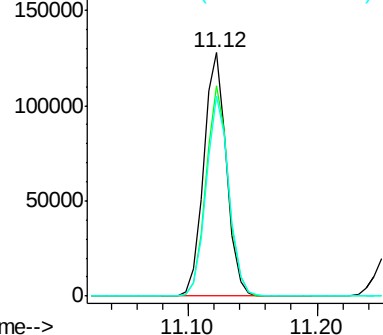
176 81.7 0.0 156.8

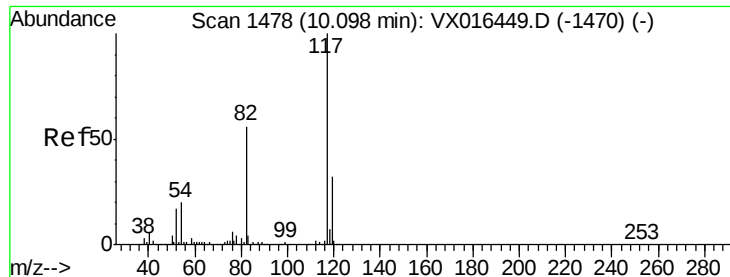


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

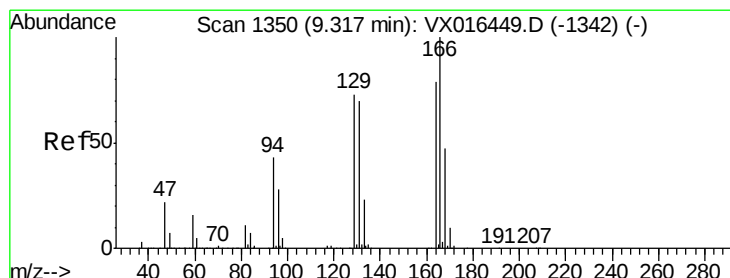
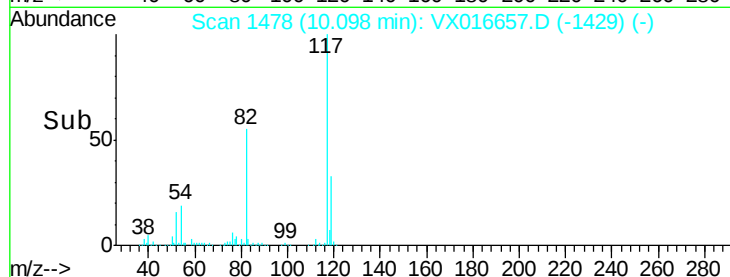
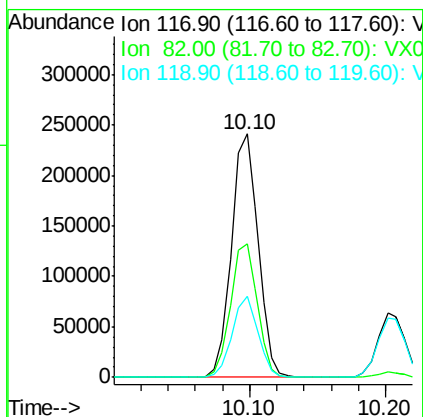
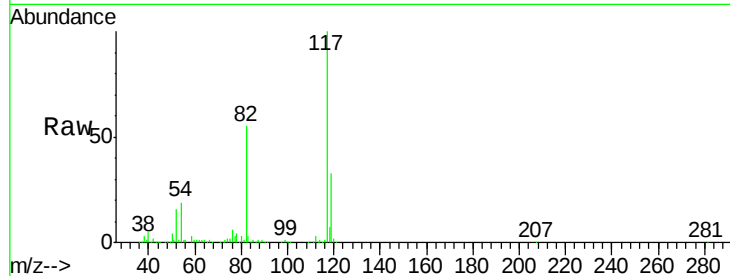




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

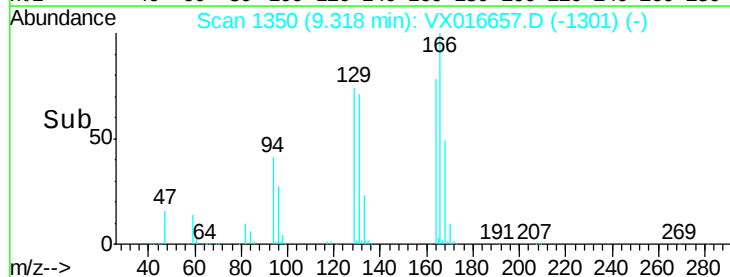
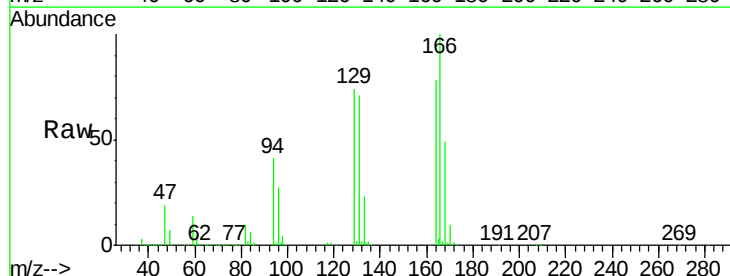
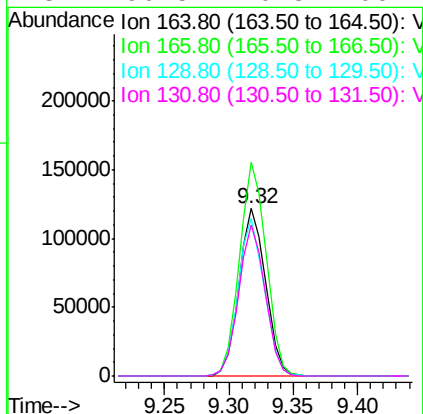
Instrument :
MSVOA_X
ClientSampleId :
L2891-15MSD

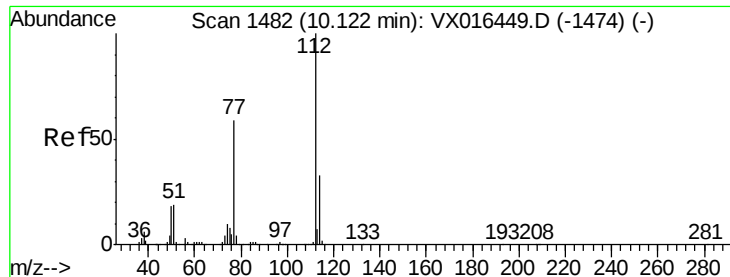
Tot Ion:117 Resp: 327565
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.6
119 33.5 25.8 38.8



#64
Tetrachloroethene
Concen: 47.517 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

Tgt Ion:164 Resp: 174137
Ion Ratio Lower Upper
164 100
166 127.4 100.9 151.3
129 93.7 73.2 109.8
131 90.5 70.8 106.2





#65

Chlorobenzene

Concen: 58.230 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

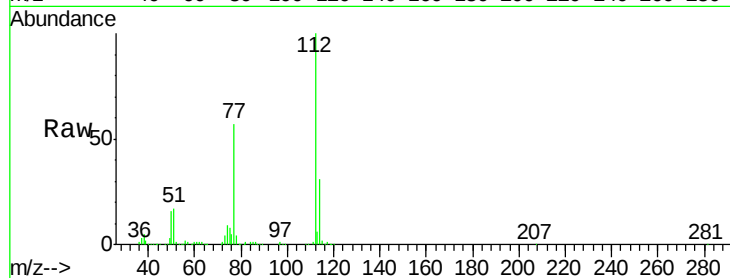
L2891-15MSD

Tot Ion:112 Resp: 388870

Ion Ratio Lower Upper

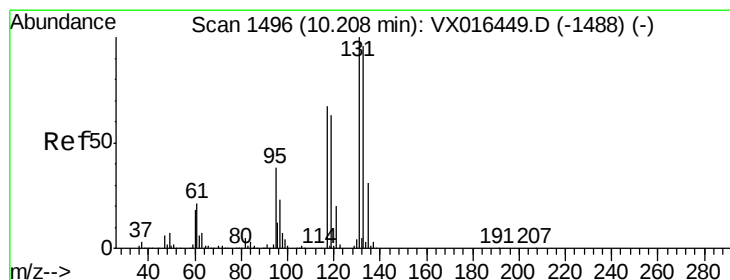
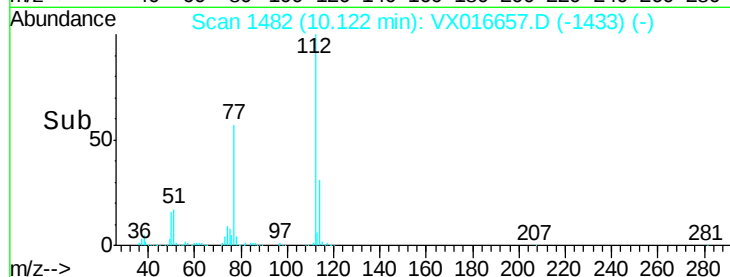
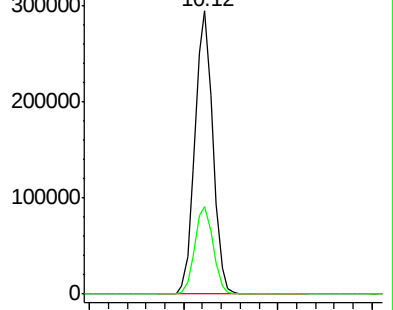
112 100

114 30.8 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.826 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

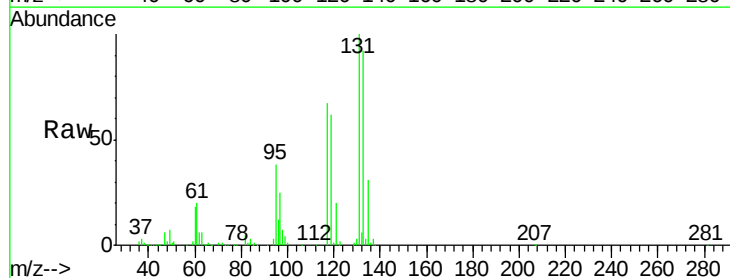
Tgt Ion:131 Resp: 137214

Ion Ratio Lower Upper

131 100

133 94.5 48.4 145.3

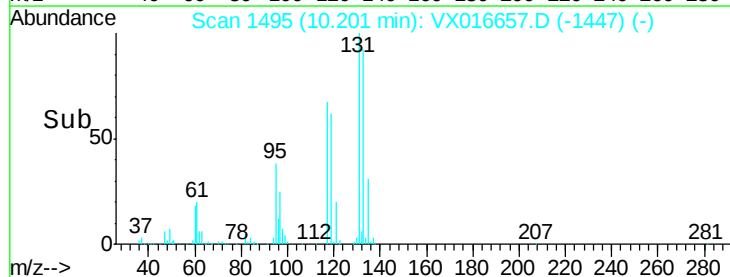
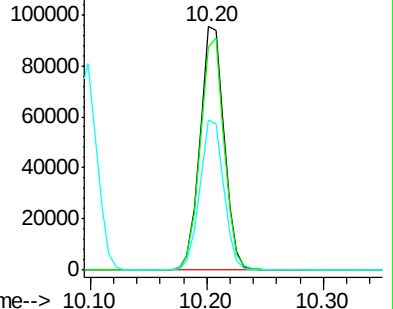
119 61.4 32.0 96.2

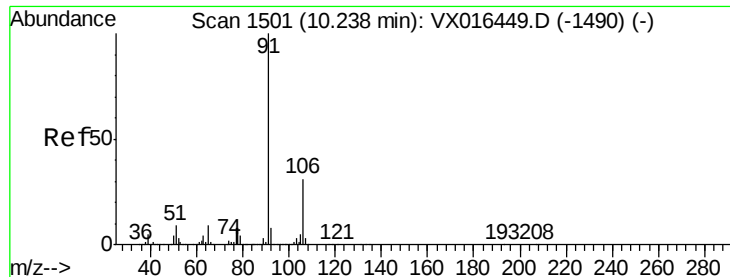


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

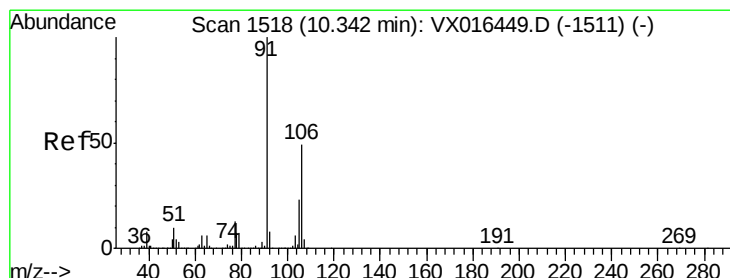
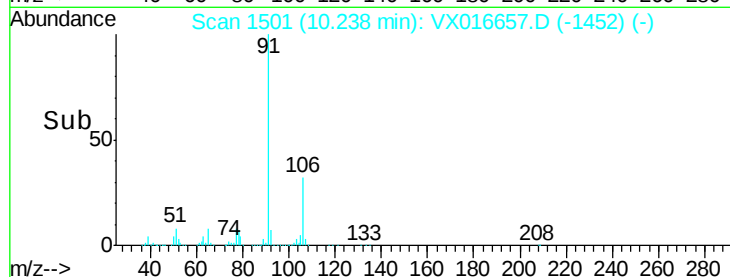
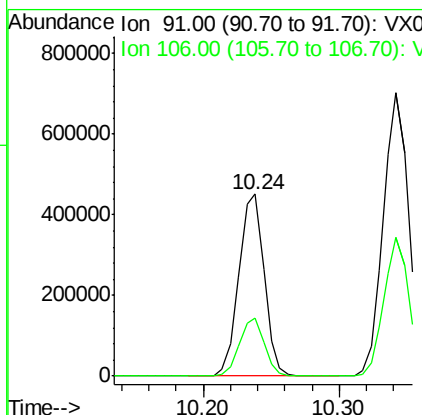
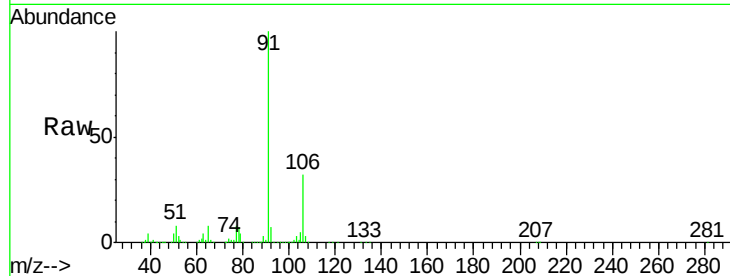




#67
Ethyl Benzene
Concen: 49.433 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

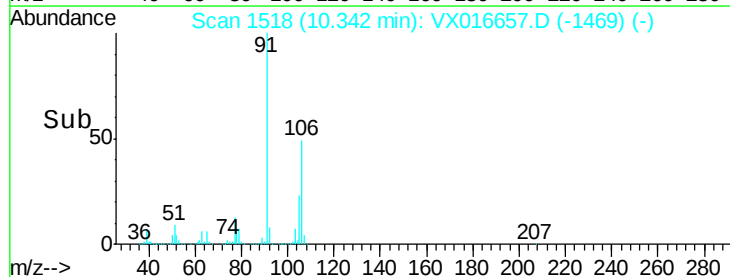
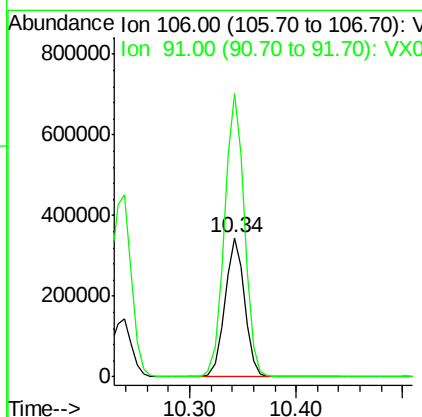
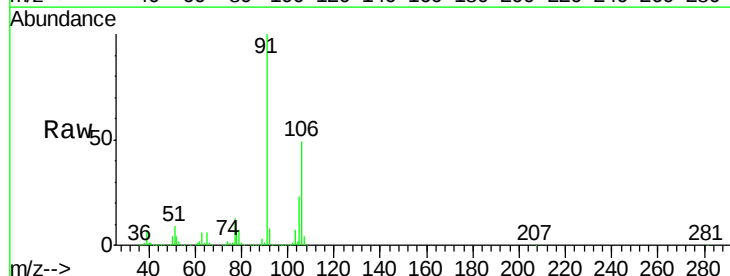
Instrument :
MSVOA_X
ClientSampleId :
L2891-15MSD

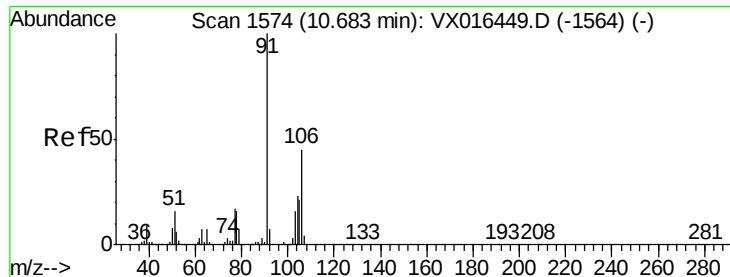
Tot Ion: 91 Resp: 587760
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4



#68
m/p-Xylenes
Concen: 101.090 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

Tgt Ion: 106 Resp: 445652
Ion Ratio Lower Upper
106 100
91 206.4 163.8 245.8

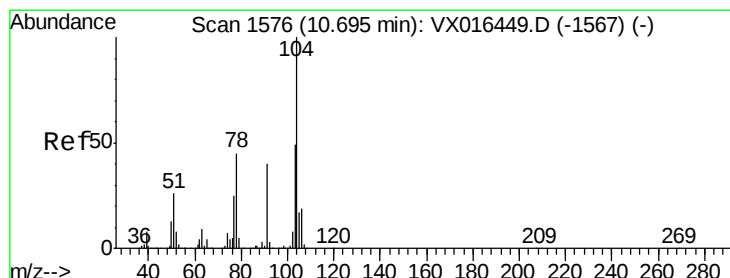
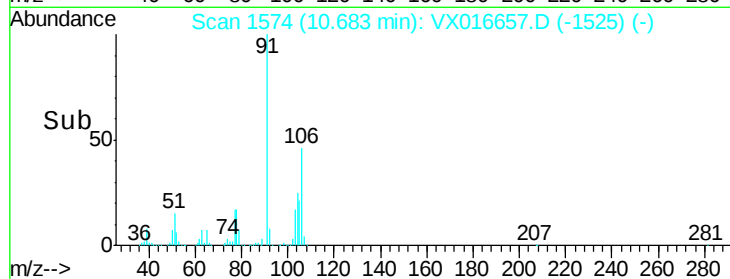
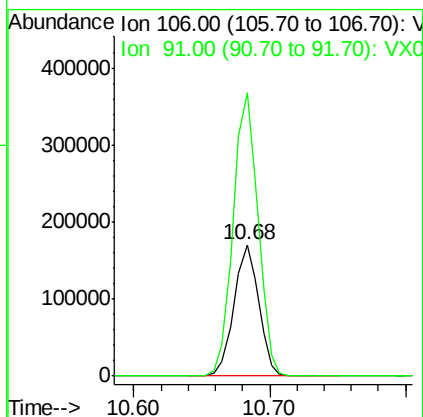
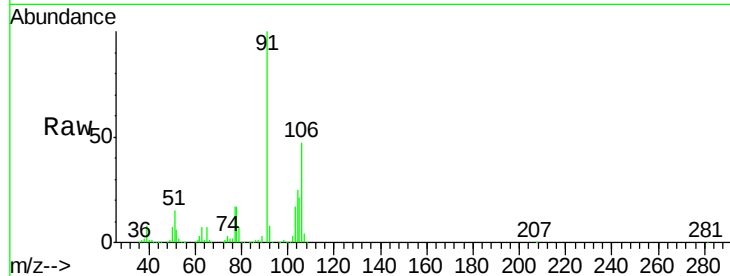




#69
o-Xylene
Concen: 50.727 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

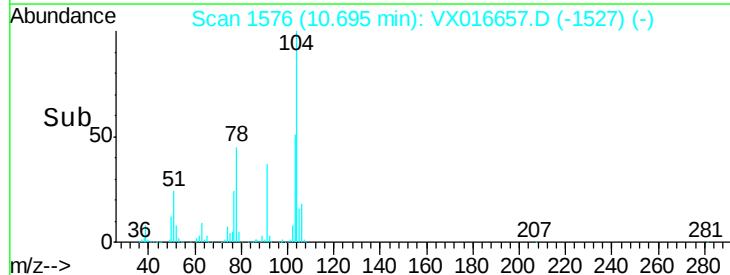
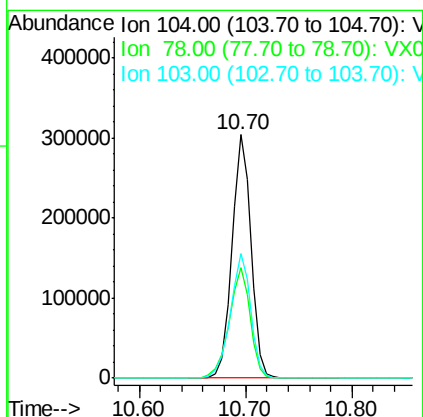
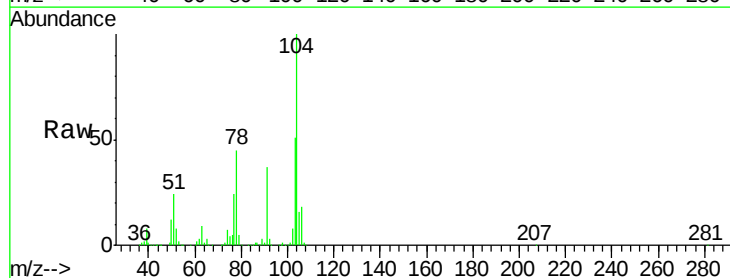
Instrument :
MSVOA_X
ClientSampleId :
L2891-15MSD

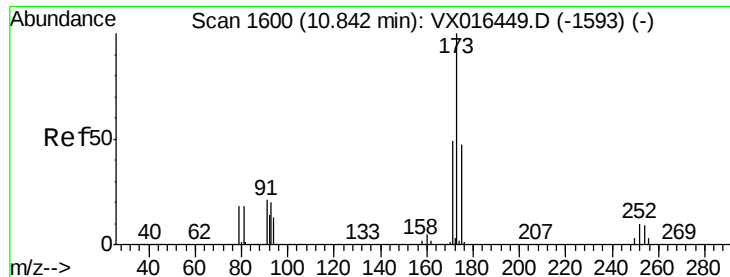
Tot Ion:106 Resp: 216571
Ion Ratio Lower Upper
106 100
91 216.8 109.6 328.8



#70
Styrene
Concen: 52.110 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

Tgt Ion:104 Resp: 382408
Ion Ratio Lower Upper
104 100
78 49.9 40.2 60.2
103 54.8 43.1 64.7





#71

Bromoform

Concen: 55.412 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

L2891-15MSD

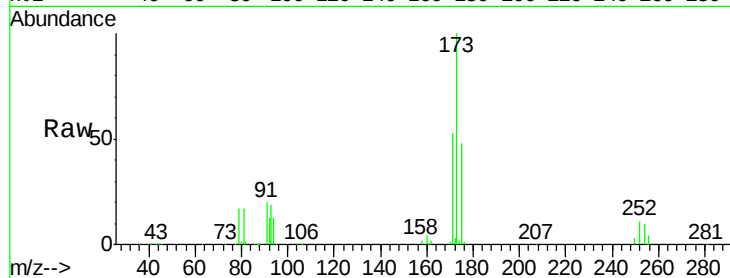
Tot Ion:173 Resp: 119383

Ion Ratio Lower Upper

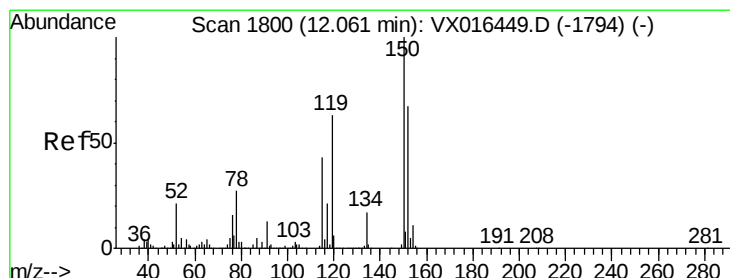
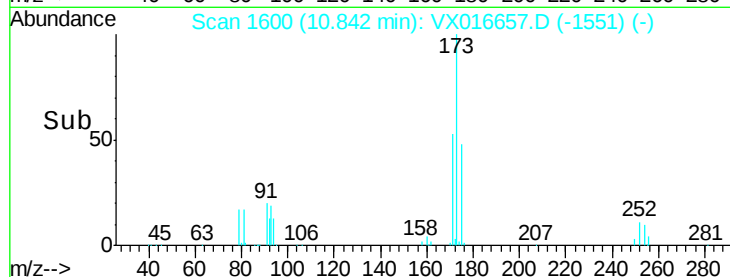
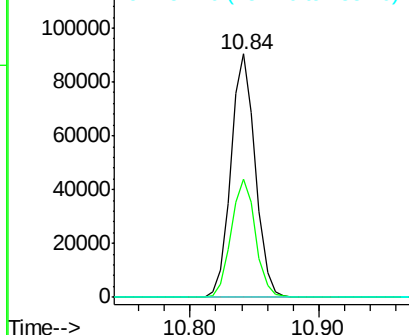
173 100

175 48.7 23.9 71.7

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

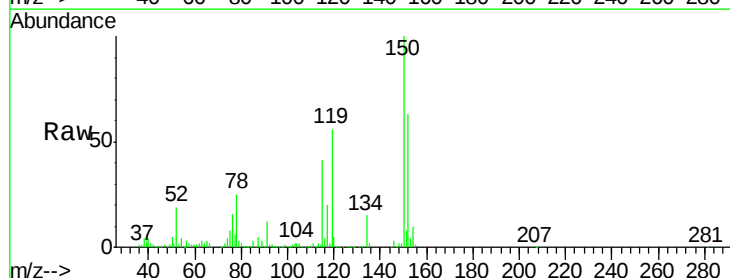
Tgt Ion:152 Resp: 171354

Ion Ratio Lower Upper

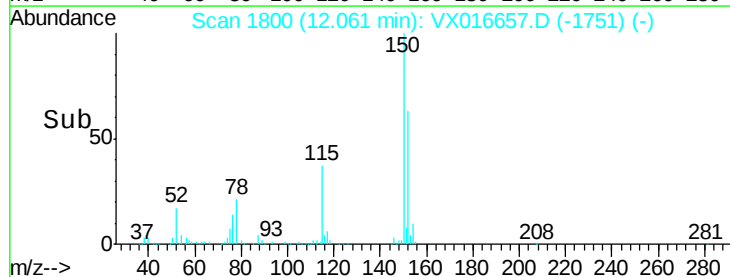
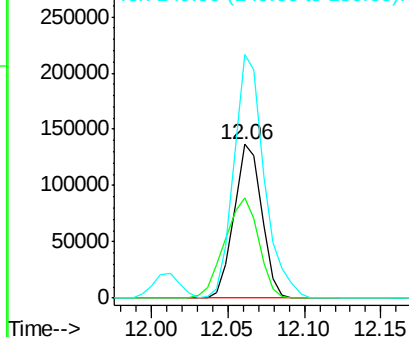
152 100

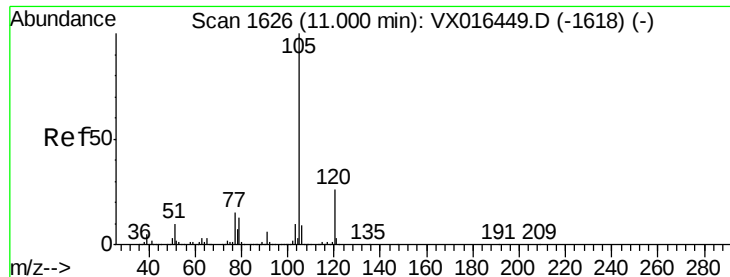
115 80.1 39.9 119.6

150 173.8 0.0 341.0



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: 49.146 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

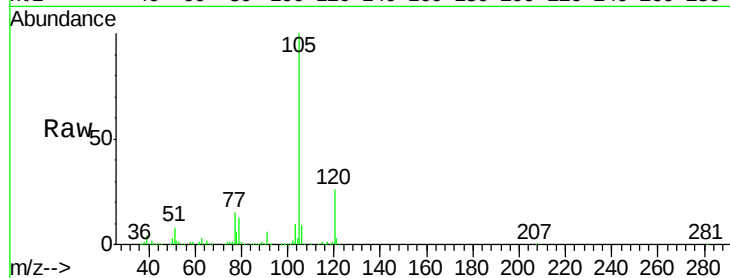
L2891-15MSD

Tot Ion:105 Resp: 583494

Ion Ratio Lower Upper

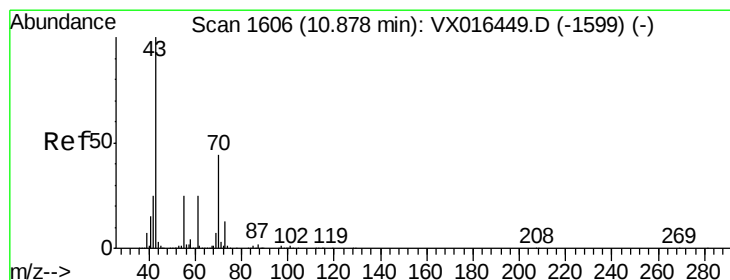
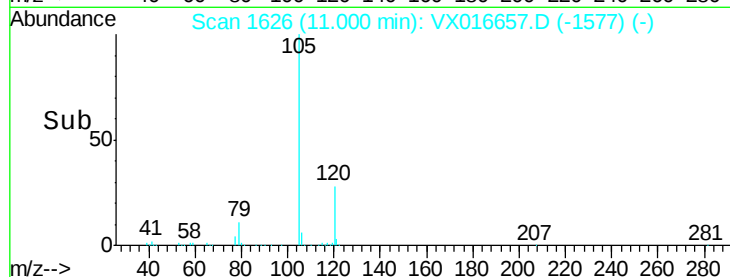
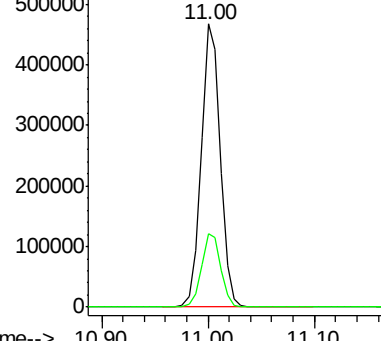
105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.224 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Tgt Ion: 43 Resp: 236053

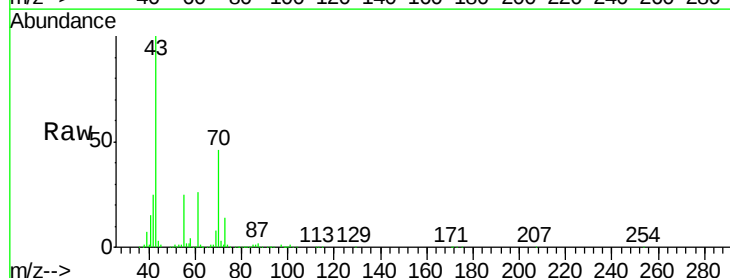
Ion Ratio Lower Upper

43 100

70 48.5 36.1 54.1

55 26.5 20.2 30.4

61 26.8 20.3 30.5

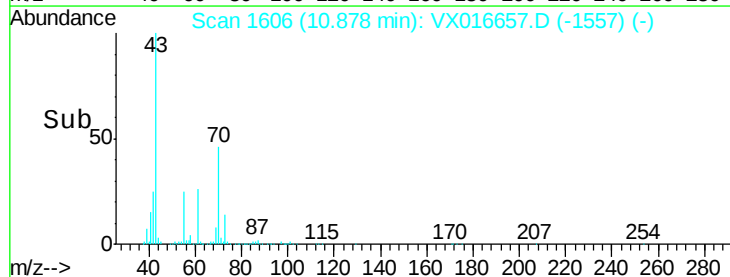
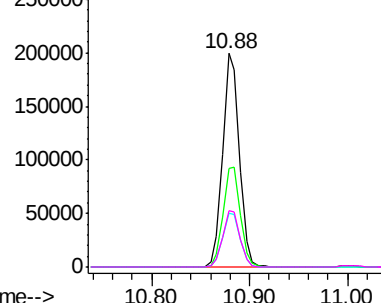


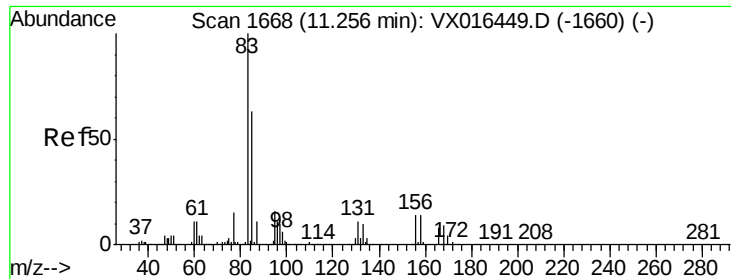
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.658 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

L2891-15MSD

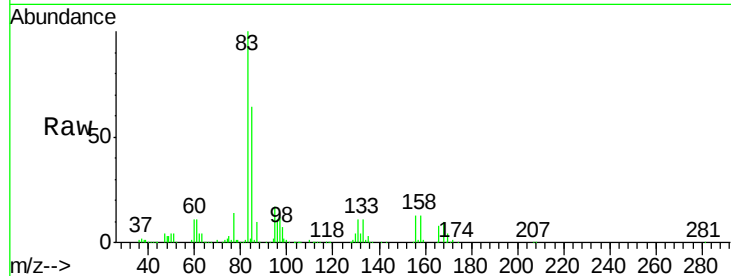
Tot Ion: 83 Resp: 156686

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

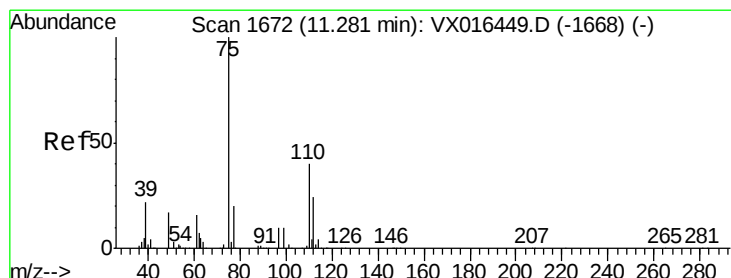
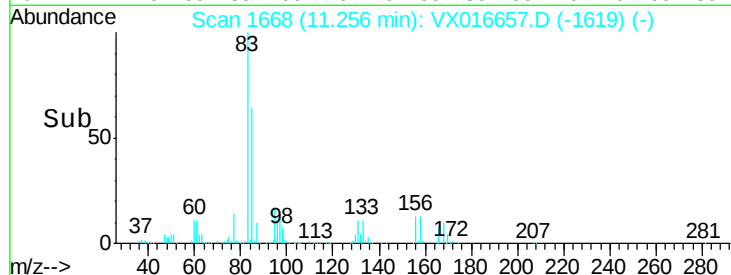
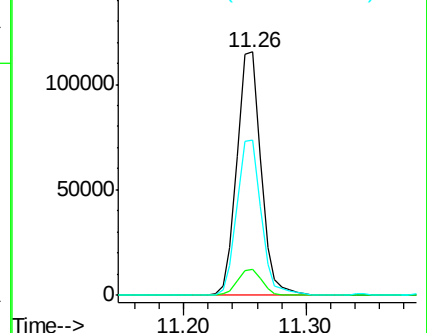
85 64.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 47.640 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016657.D

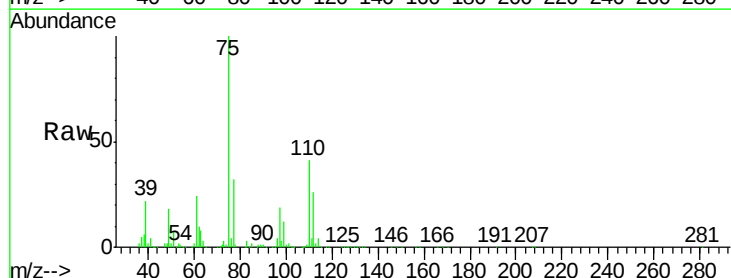
Acq: 09 Jun 2020 12:38

Tgt Ion: 75 Resp: 179433

Ion Ratio Lower Upper

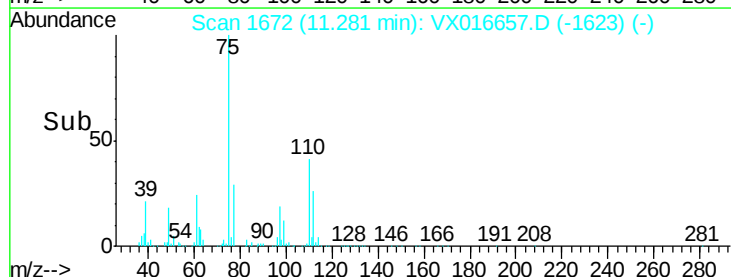
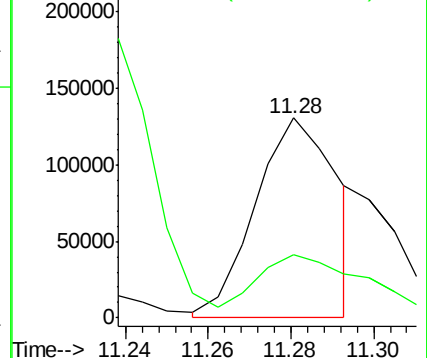
75 100

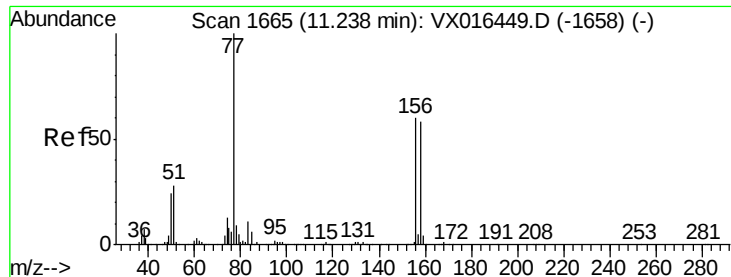
77 42.5 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.022 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

L2891-15MSD

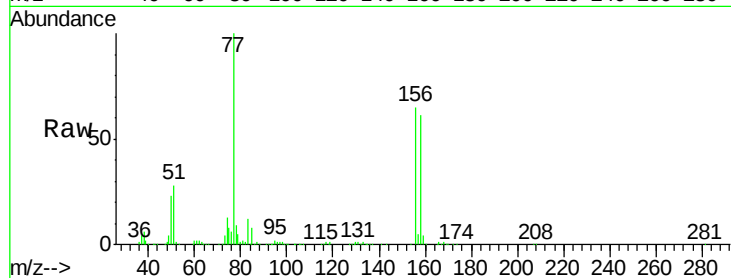
Tot Ion:156 Resp: 152655

Ion Ratio Lower Upper

156 100

77 151.8 79.6 238.8

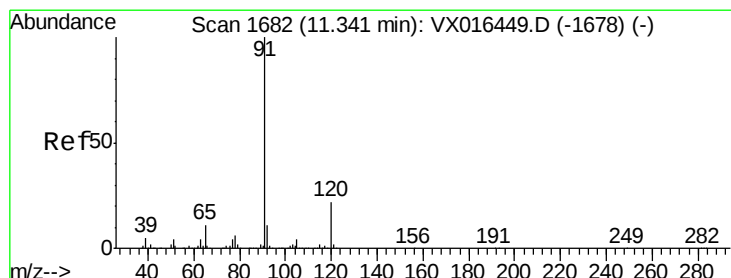
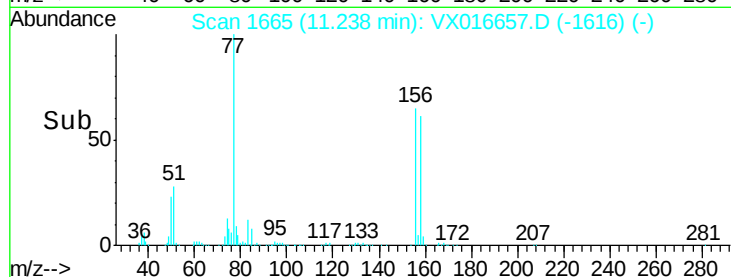
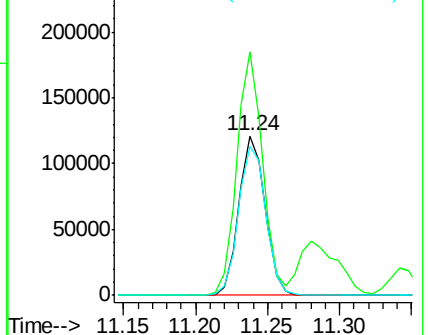
158 97.4 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.599 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016657.D

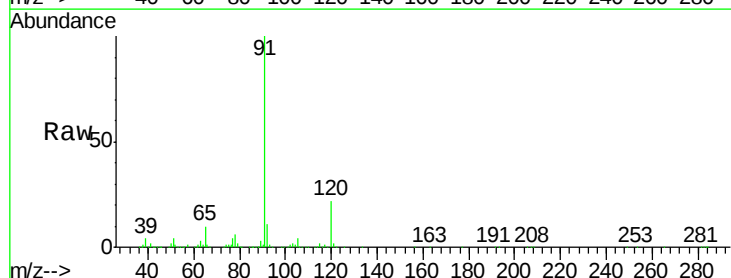
Acq: 09 Jun 2020 12:38

Tgt Ion: 91 Resp: 644642

Ion Ratio Lower Upper

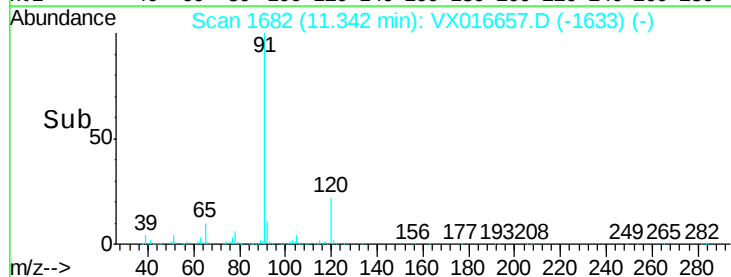
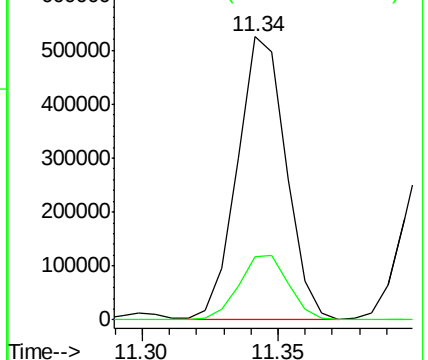
91 100

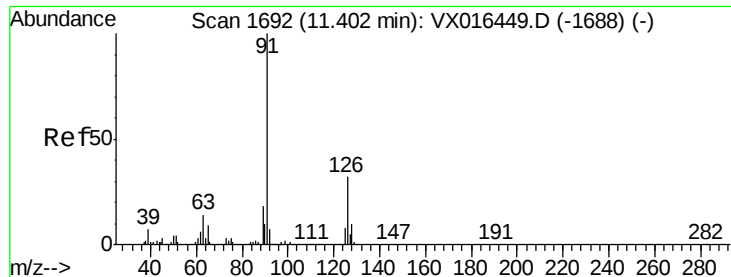
120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

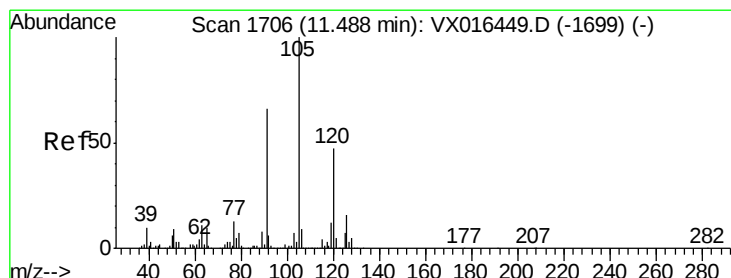
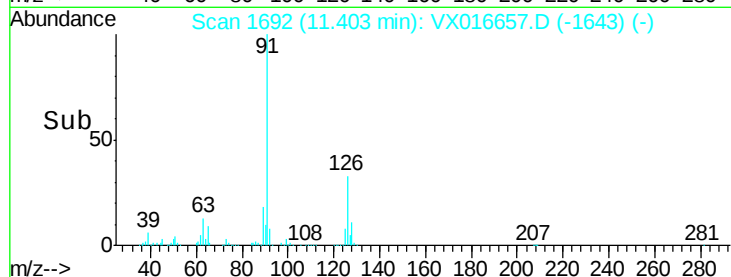
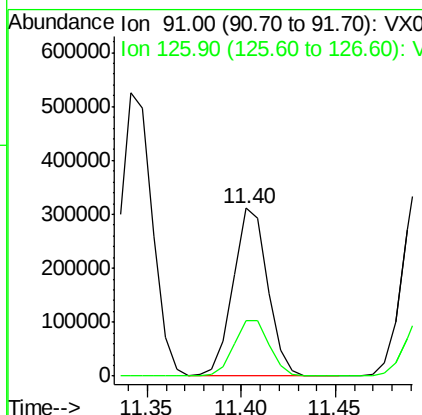
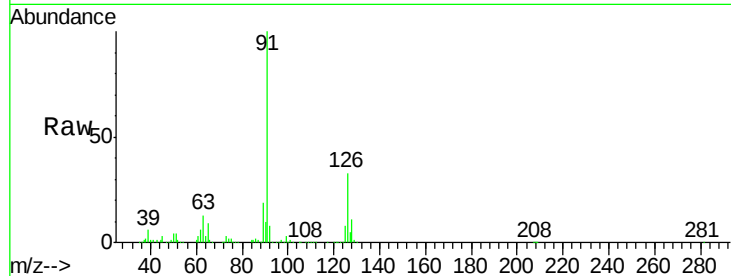




#79
 2-Chlorotoluene
 Concen: 48.739 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX016657.D
 Acq: 09 Jun 2020 12:38

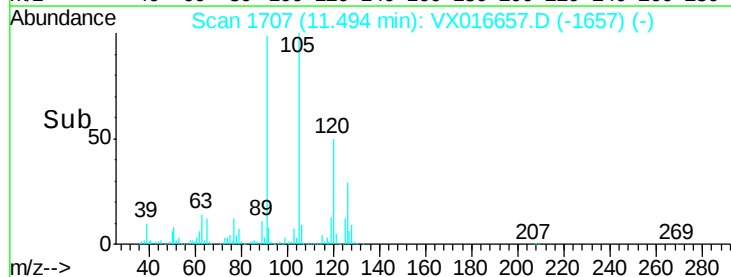
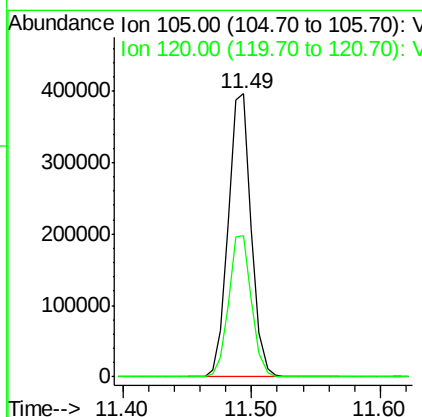
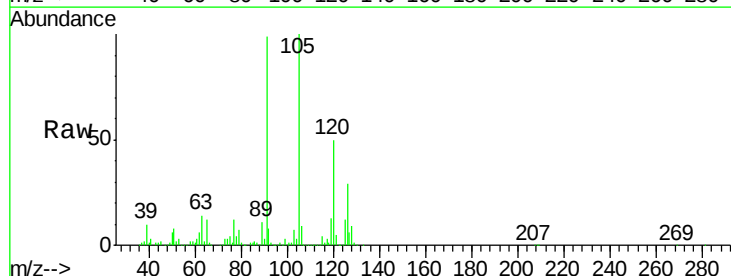
Instrument :
 MSVOA_X
 ClientSampleId :
 L2891-15MSD

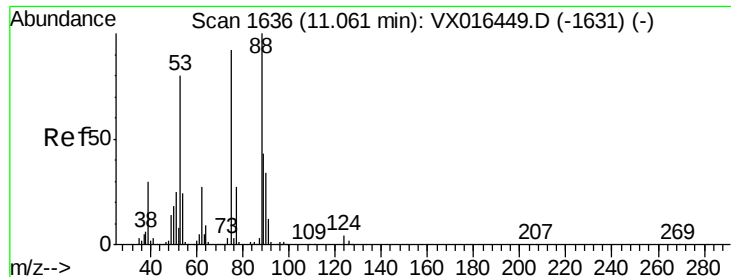
Tot Ion: 91 Resp: 394624
 Ion Ratio Lower Upper
 91 100
 126 34.4 16.8 50.3



#80
 1,3,5-Trimethylbenzene
 Concen: 50.052 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX016657.D
 Acq: 09 Jun 2020 12:38

Tgt Ion: 105 Resp: 496196
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.728 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

L2891-15MSD

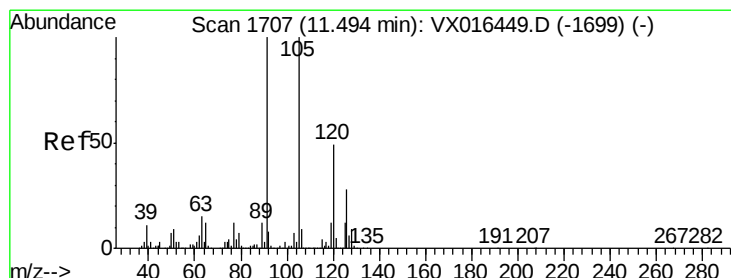
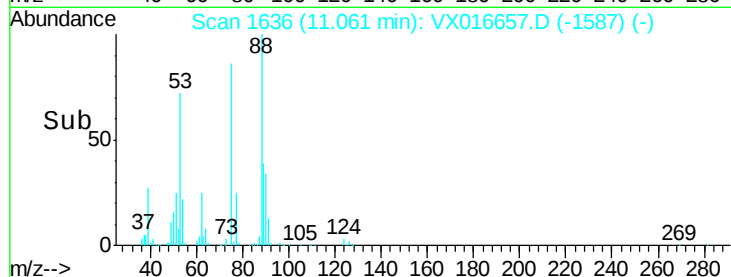
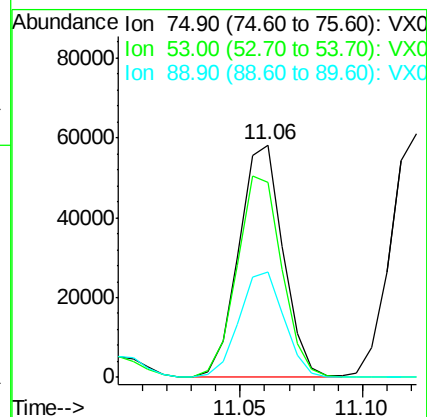
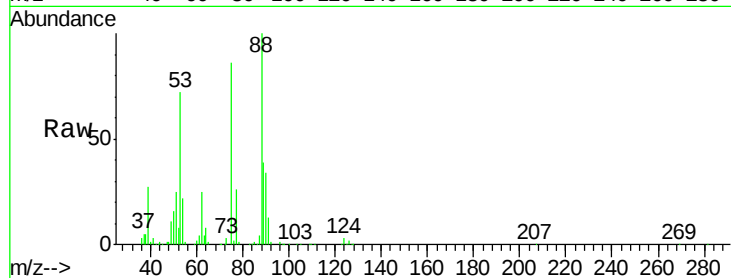
Tot Ion: 75 Resp: 73079

Ion Ratio Lower Upper

75 100

53 88.7 71.3 106.9

89 46.3 36.6 55.0



#82

4-Chlorotoluene

Concen: 48.947 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016657.D

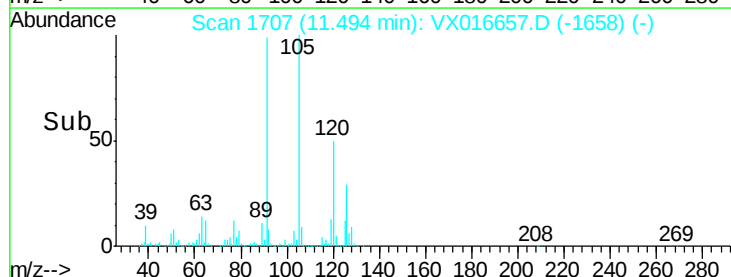
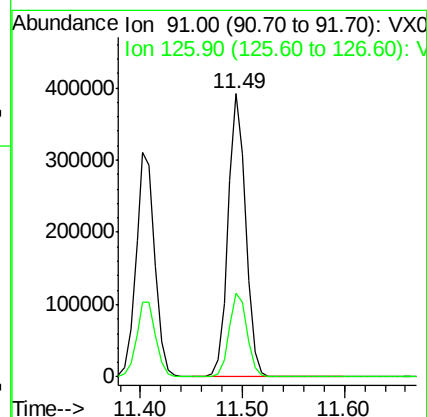
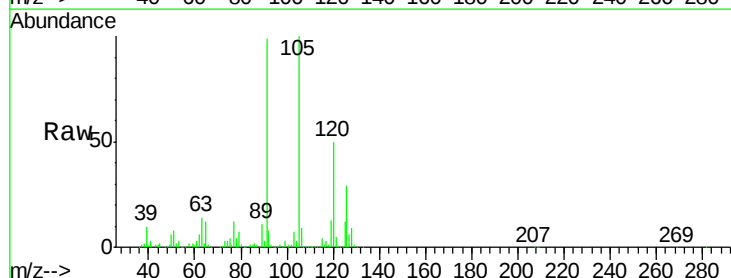
Acq: 09 Jun 2020 12:38

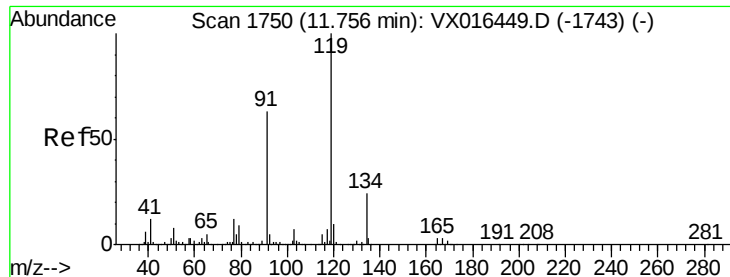
Tgt Ion: 91 Resp: 467994

Ion Ratio Lower Upper

91 100

126 30.1 14.7 44.1

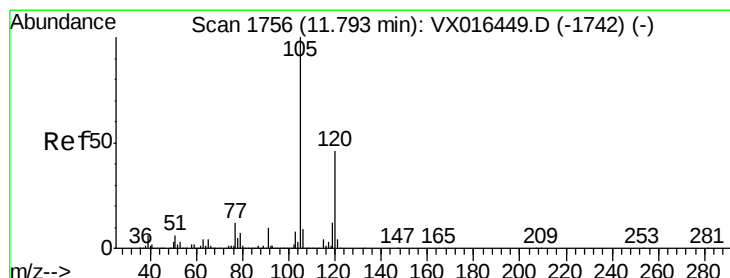
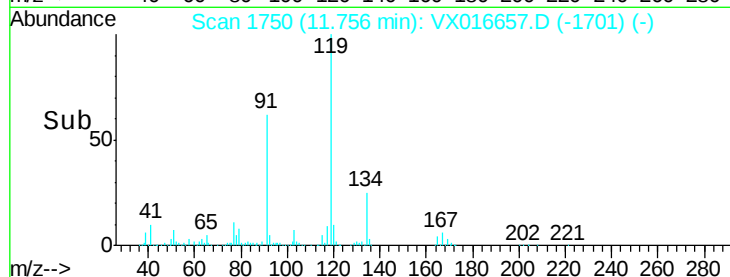
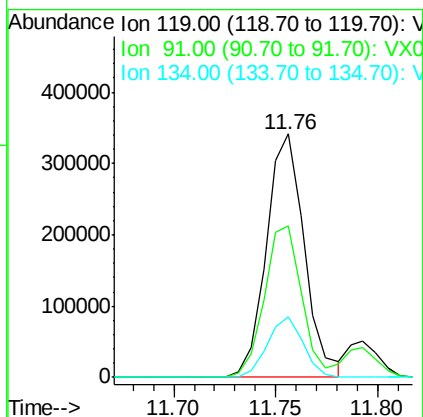
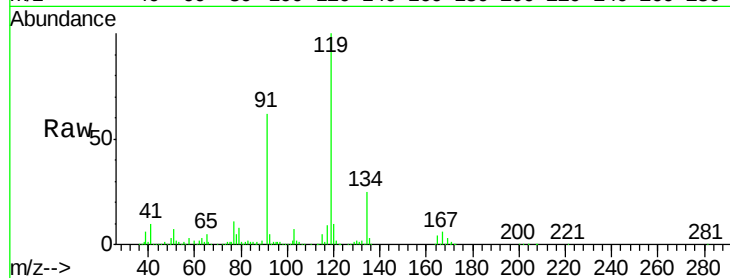




#83
 tert-Butylbenzene
 Concen: 52.276 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016657.D
 Acq: 09 Jun 2020 12:38

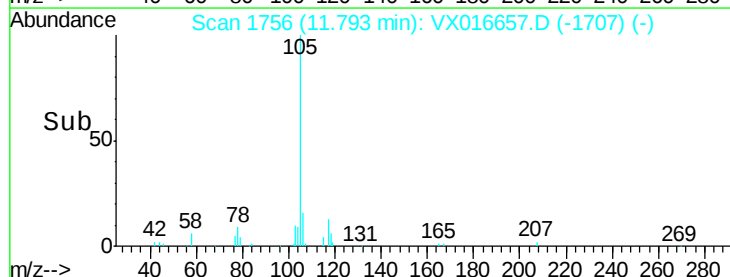
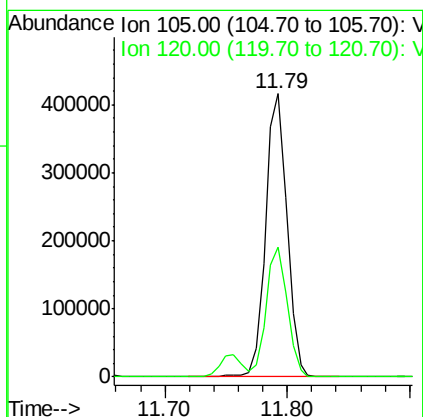
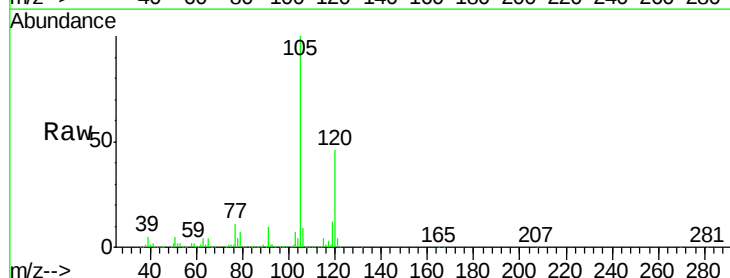
Instrument :
 MSVOA_X
 ClientSampleId :
 L2891-15MSD

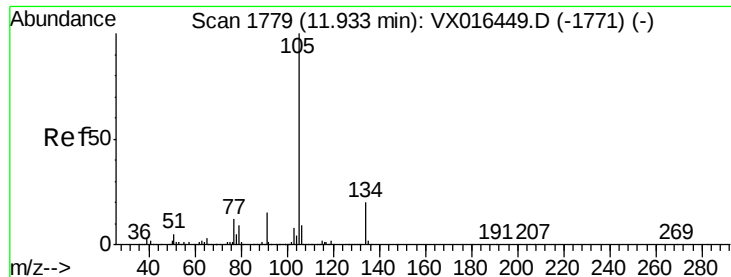
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.8	31.3	93.8
134	23.4	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.573 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016657.D
 Acq: 09 Jun 2020 12:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.6	67.7





#85

sec-Butylbenzene

Concen: 51.485 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

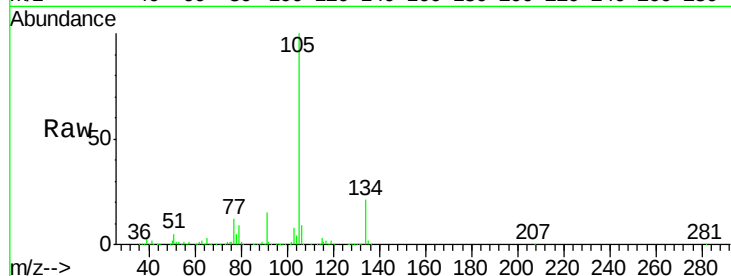
L2891-15MSD

Tot Ion:105 Resp: 547087

Ion Ratio Lower Upper

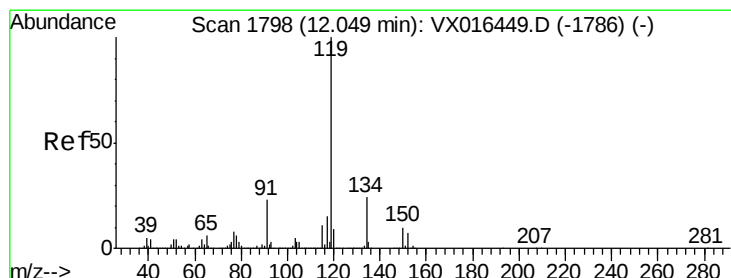
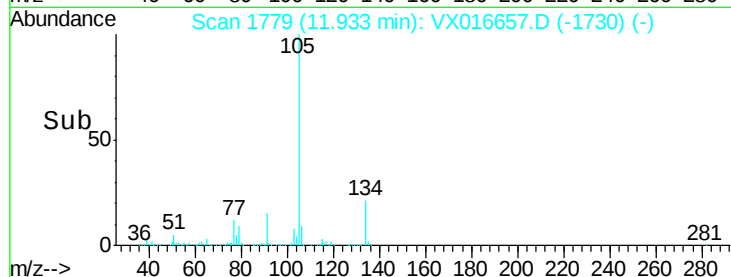
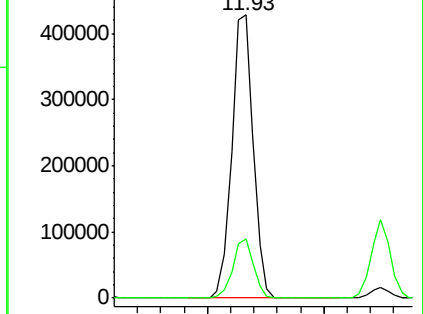
105 100

134 20.3 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.353 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

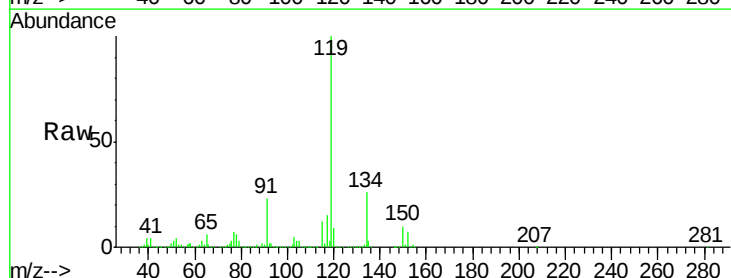
Tgt Ion:119 Resp: 521120

Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.0

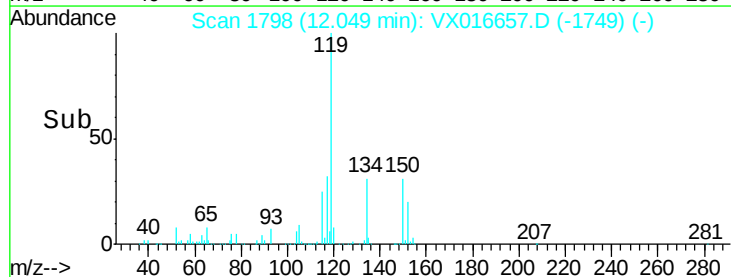
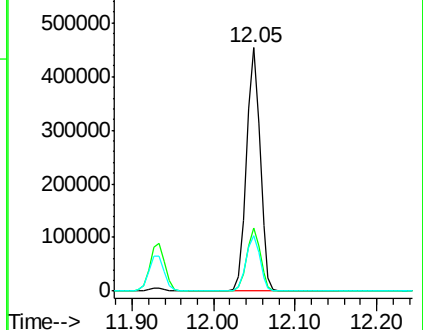
91 23.3 11.7 35.0

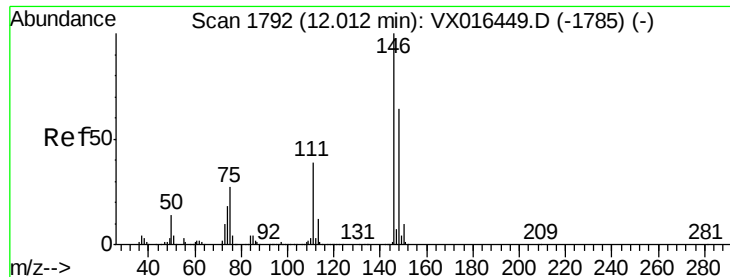


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.808 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

L2891-15MSD

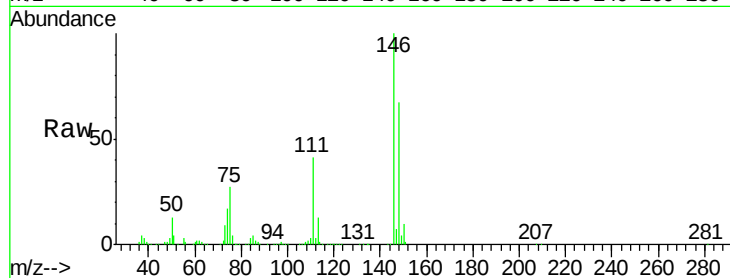
Tot Ion:146 Resp: 268712

Ion Ratio Lower Upper

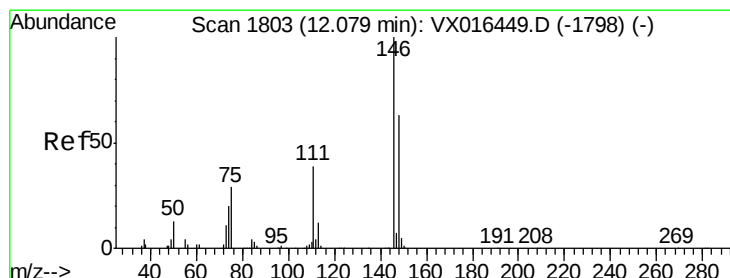
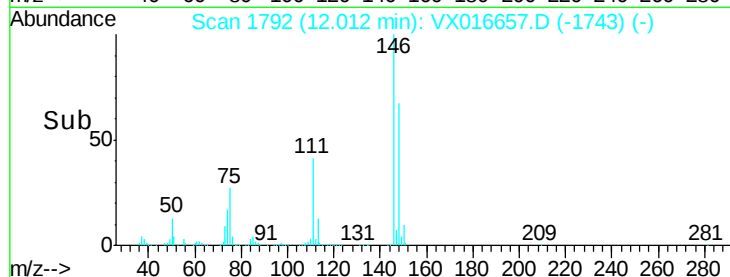
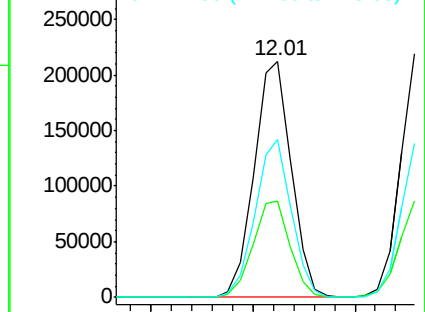
146 100

111 40.8 20.0 60.0

148 65.5 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 50.426 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

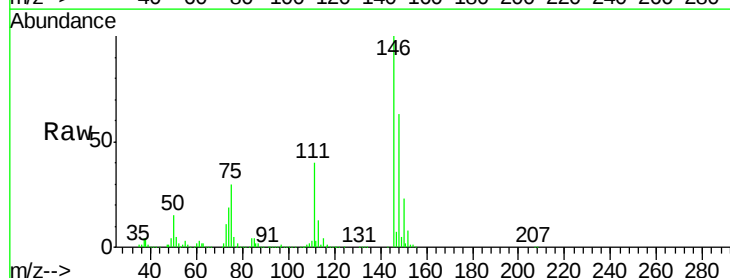
Tgt Ion:146 Resp: 278235

Ion Ratio Lower Upper

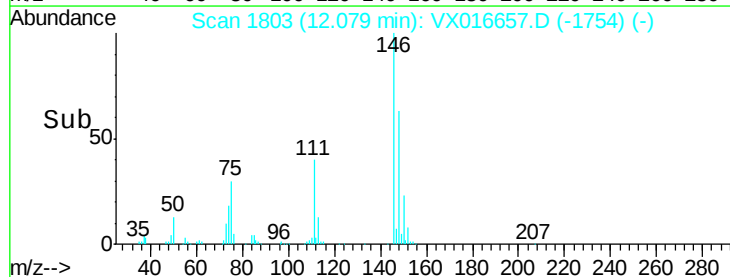
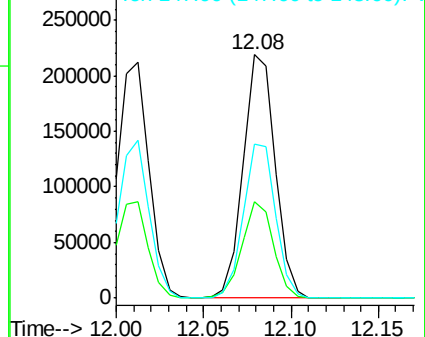
146 100

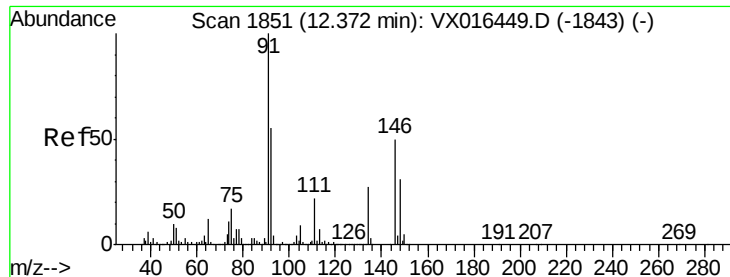
111 39.2 19.4 58.2

148 63.7 31.4 94.3



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

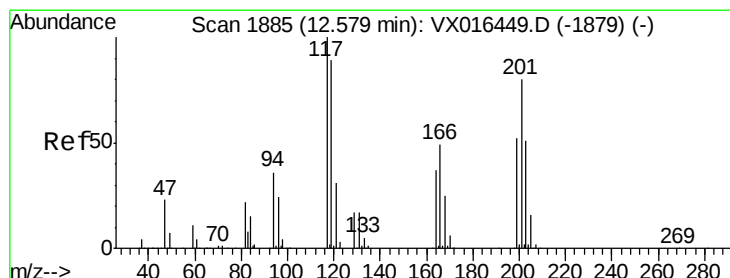
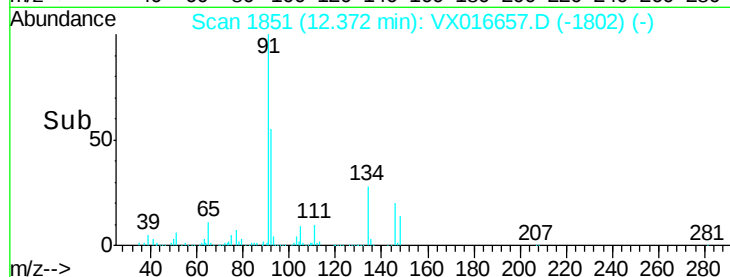
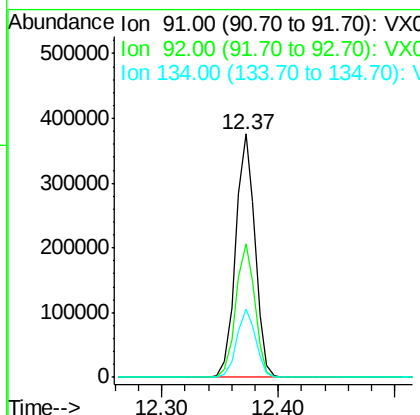
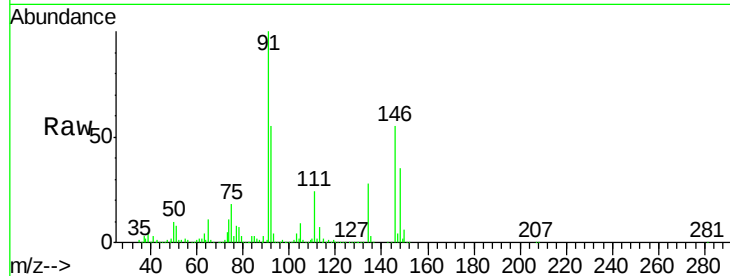




#89
n-Butylbenzene
Concen: 52.264 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

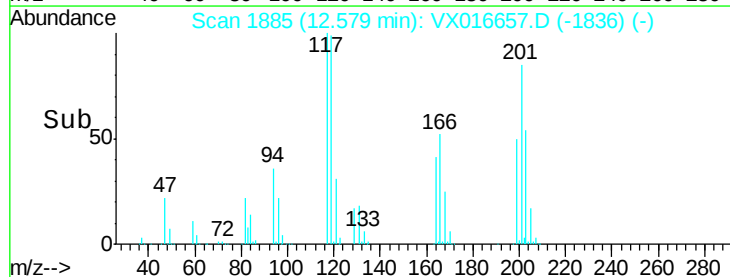
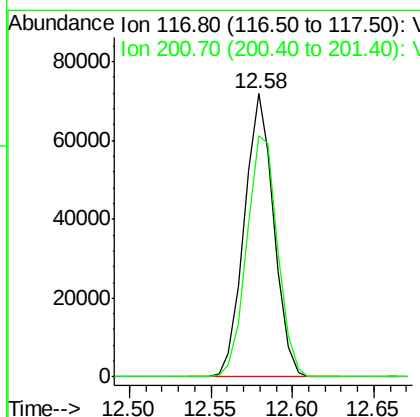
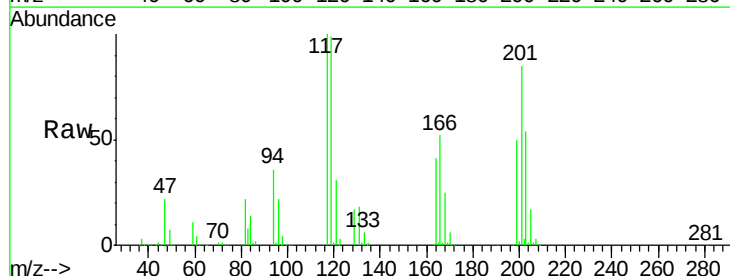
Instrument :
MSVOA_X
ClientSampleId :
L2891-15MSD

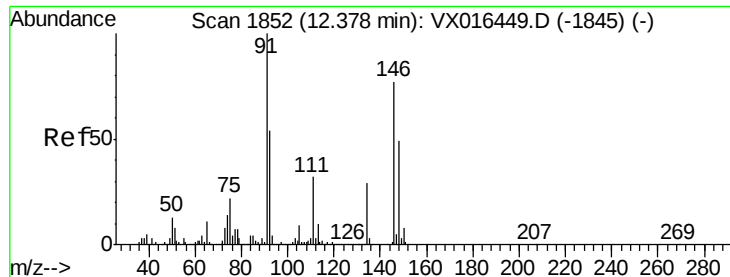
Tot Ion: 91 Resp: 43322
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.5
134 27.6 13.1 39.3



#90
Hexachloroethane
Concen: 52.496 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016657.D
Acq: 09 Jun 2020 12:38

Tgt Ion: 117 Resp: 90258
Ion Ratio Lower Upper
117 100
201 89.7 43.1 129.3

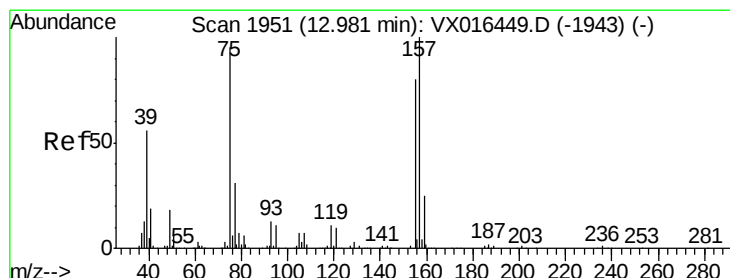
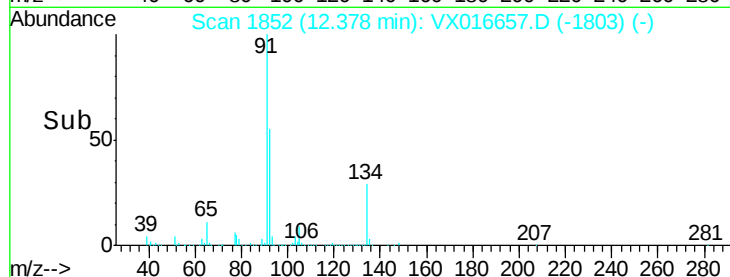
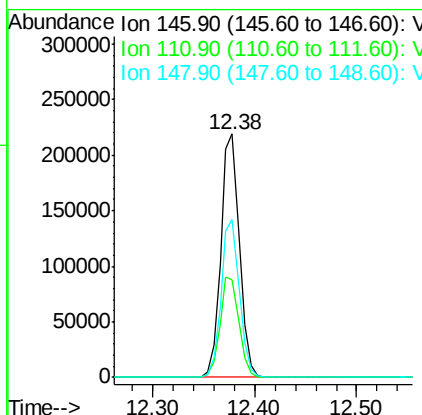
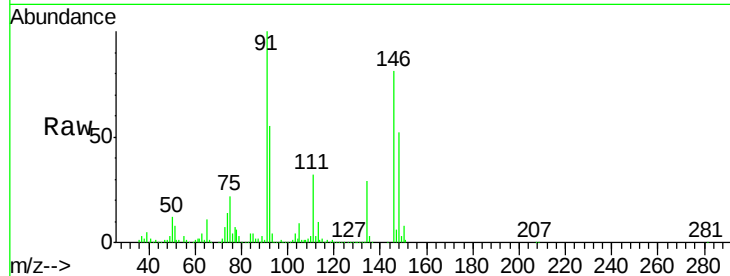




#91
 1,2-Dichlorobenzene
 Concen: 53.101 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016657.D
 Acq: 09 Jun 2020 12:38

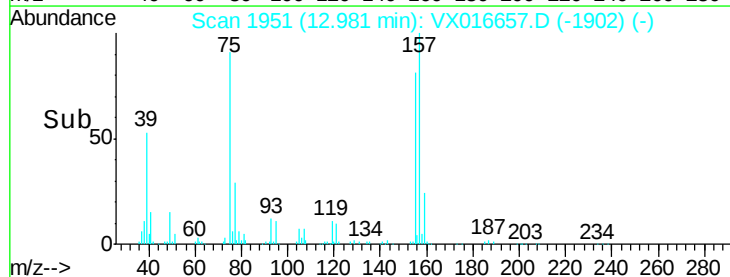
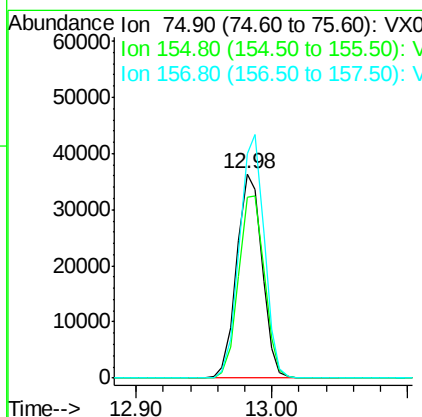
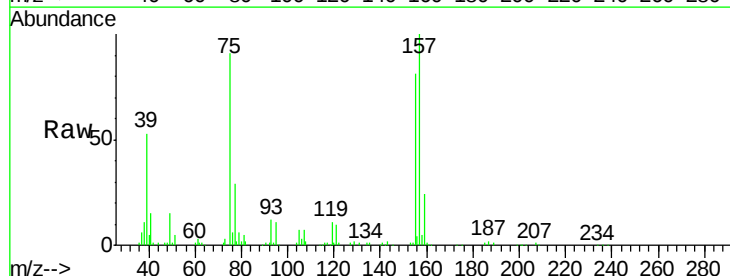
Instrument :
 MSVOA_X
 ClientSampleId :
 L2891-15MSD

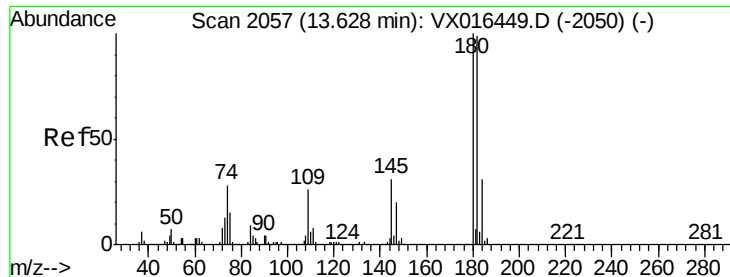
Tot Ion:146 Resp: 277554
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.4 64.3
 148 64.2 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.263 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016657.D
 Acq: 09 Jun 2020 12:38

Tgt Ion: 75 Resp: 47480
 Ion Ratio Lower Upper
 75 100
 155 90.7 44.1 132.4
 157 116.0 57.8 173.3

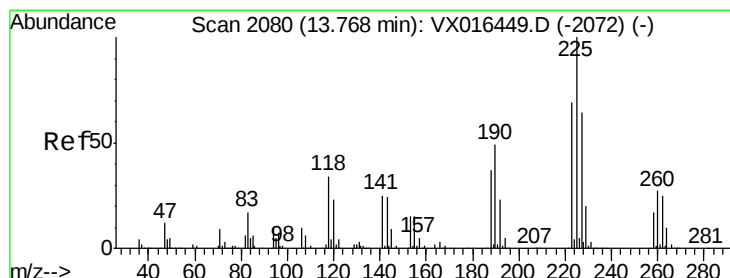
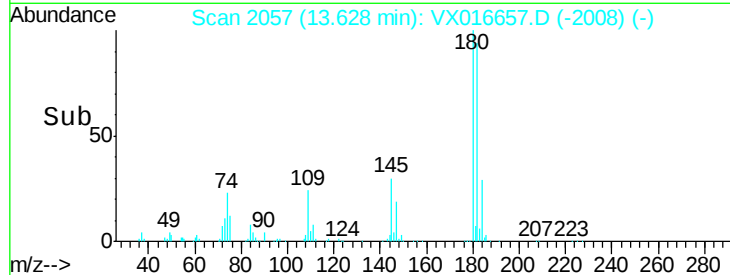
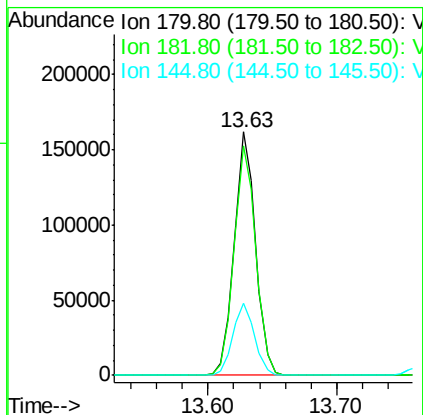
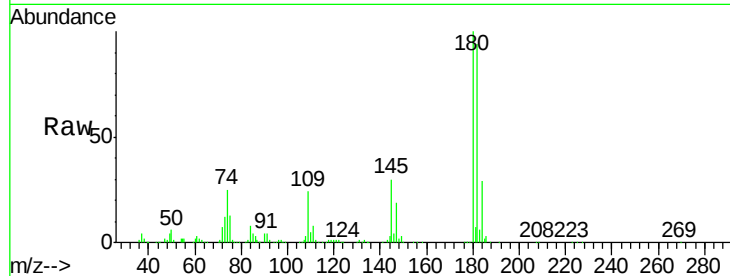




#93
 1,2,4-Trichlorobenzene
 Concen: 53.923 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016657.D
 Acq: 09 Jun 2020 12:38

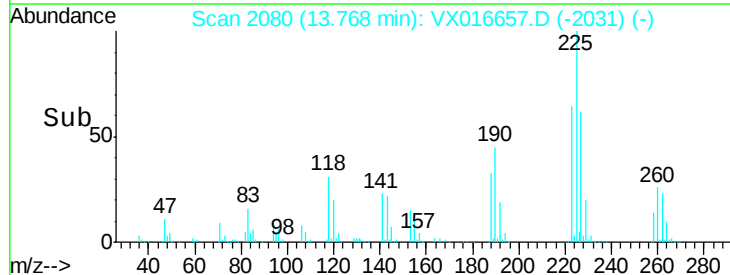
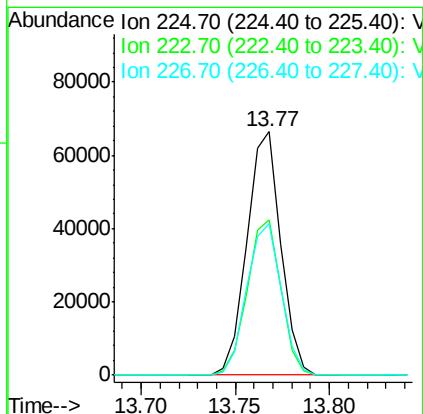
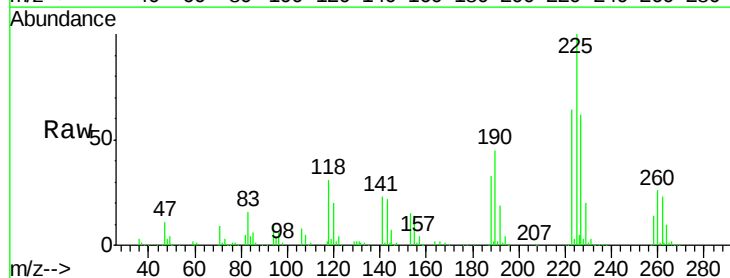
Instrument :
 MSVOA_X
 ClientSampleId :
 L2891-15MSD

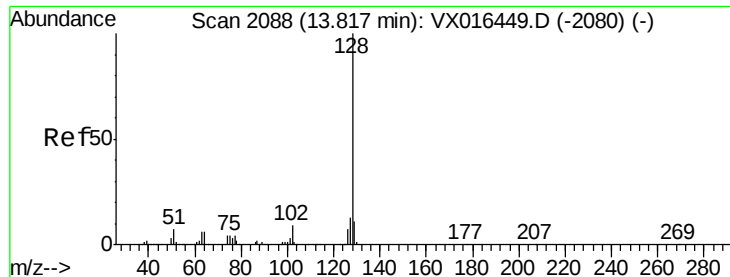
Tot Ion:180 Resp: 187185
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.3 144.8
 145 30.4 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 60.785 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016657.D
 Acq: 09 Jun 2020 12:38

Tgt Ion:225 Resp: 82846
 Ion Ratio Lower Upper
 225 100
 223 63.6 32.3 96.8
 227 63.1 31.6 94.7





#95

Naphthalene

Concen: 51.683 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

L2891-15MSD

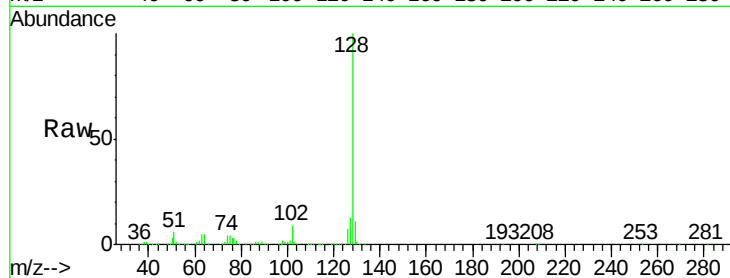
Tot Ion:128 Resp: 615040

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

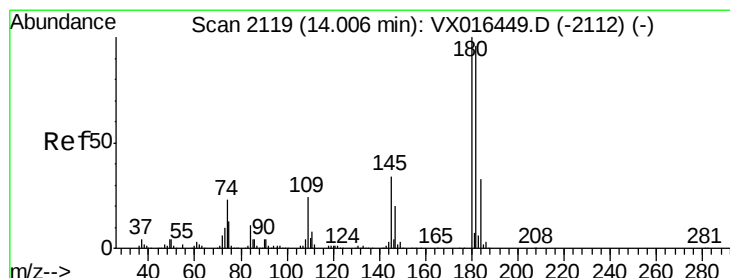
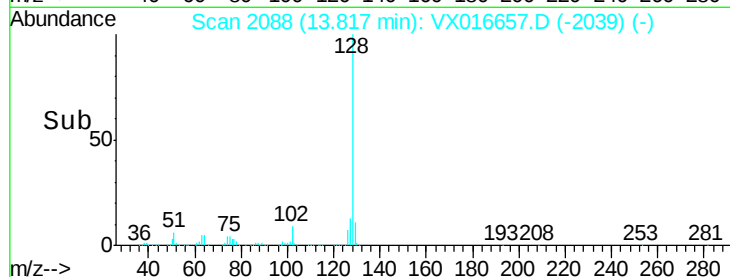
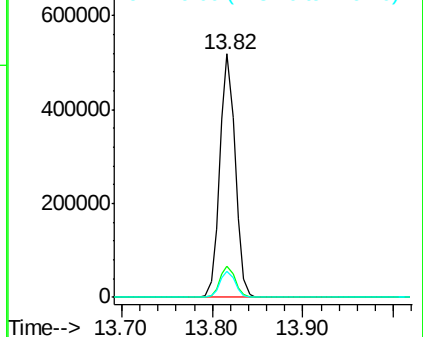
129 10.8 8.6 13.0



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: 54.033 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX016657.D

Acq: 09 Jun 2020 12:38

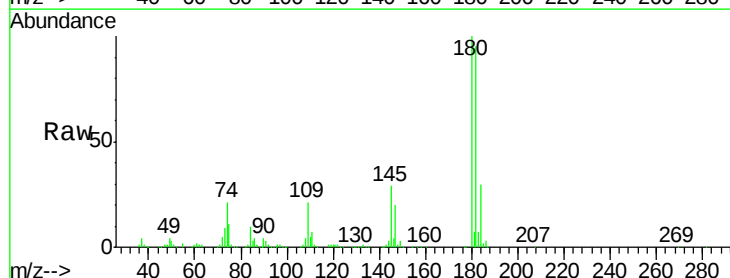
Tgt Ion:180 Resp: 183759

Ion Ratio Lower Upper

180 100

182 96.4 48.6 145.8

145 32.3 16.6 49.8



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

