

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019288.D
 Acq On : 04 Nov 2020 22:41
 Operator : JC/MD
 Sample : L4607-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LW-06

Quant Time: Nov 05 02:28:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	275936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	484869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	469626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	231938	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	196962	55.35	ug/l	0.00
Spiked Amount			Recovery	=	110.70%	
35) Dibromofluoromethane	5.46	113	154273	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
50) Toluene-d8	8.70	98	611148	53.23	ug/l	0.00
Spiked Amount			Recovery	=	106.46%	
62) 4-Bromofluorobenzene	11.12	95	229237	52.72	ug/l	0.00
Spiked Amount			Recovery	=	105.44%	

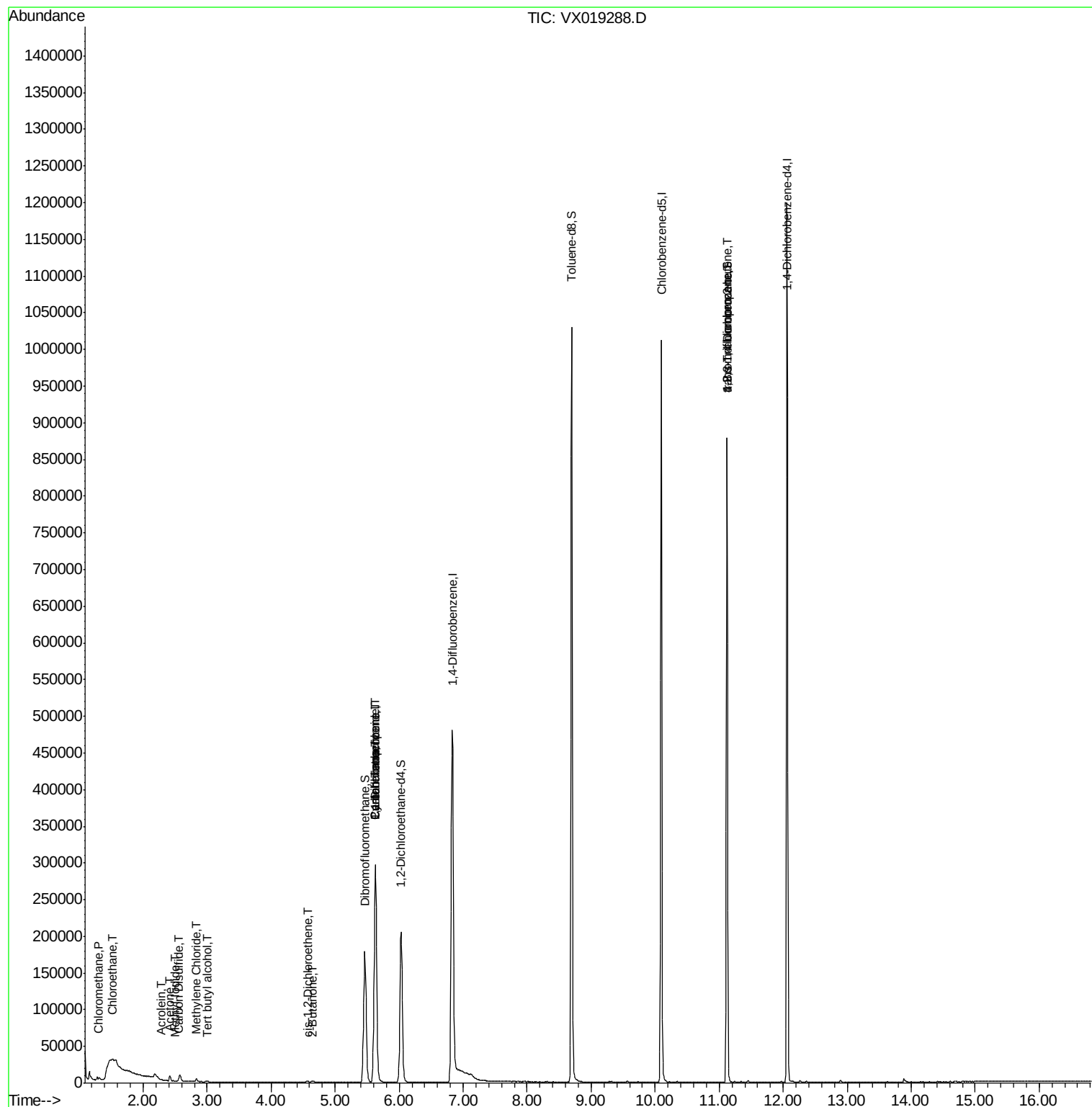
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1698	0.661	ug/l	98
6) Chloroethane	1.51	64	50191	26.375	ug/l #	50
10) Methyl Iodide	2.50	142	26	6.386	ug/l #	39
11) Tert butyl alcohol	3.00	59	628	0.893	ug/l #	72
13) Acrolein	2.29	56	64	5.847	ug/l #	46
16) Acetone	2.42	43	6656	5.422	ug/l	95
17) Carbon Disulfide	2.56	76	2730	1.112	ug/l #	90
20) Methylene Chloride	2.84	84	1571	0.510	ug/l	92
25) 2-Butanone	4.65	43	828	0.428	ug/l #	44
27) cis-1,2-Dichloroethene	4.57	96	965	0.281	ug/l #	66
31) Cyclohexane	5.63	56	6022	1.339	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	22389	5.000	ug/l #	49
38) Carbon Tetrachloride	5.63	117	28204	6.180	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	117623	24.561	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	117623	64.669	ug/l #	12

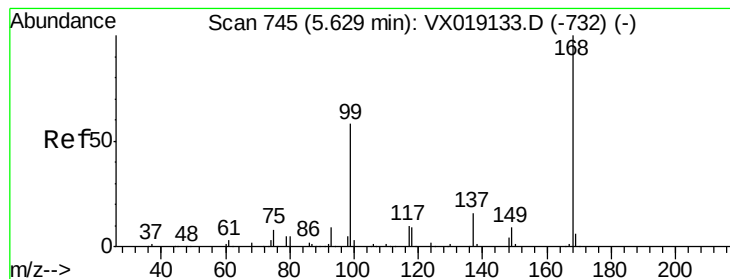
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019288.D

Acq: 04 Nov 2020 22:41

Instrument :

MSVOA_X

ClientSampled :

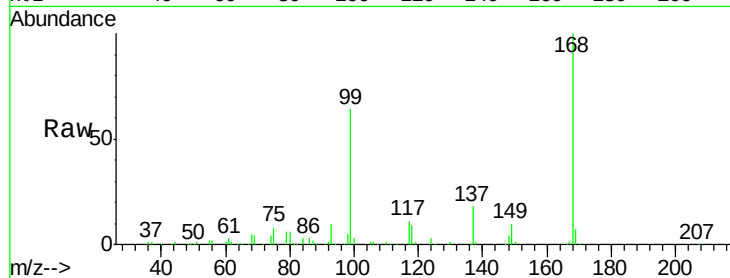
LW-06

Tot Ion:168 Resp: 275936

Ion Ratio Lower Upper

168 100

99 64.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

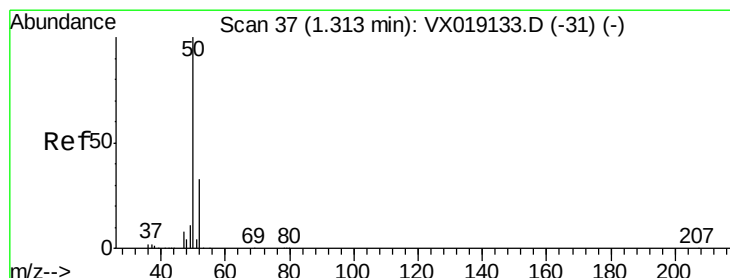
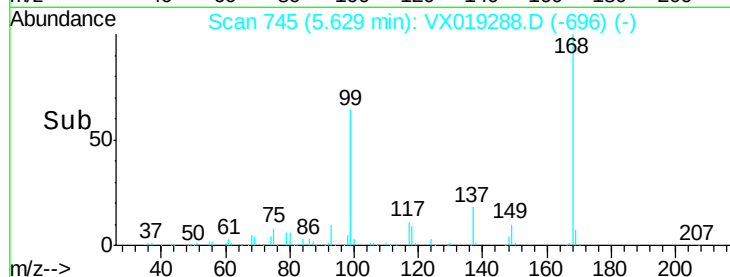
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.661 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019288.D

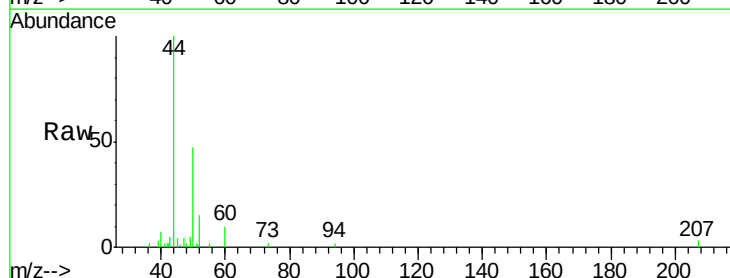
Acq: 04 Nov 2020 22:41

Tgt Ion: 50 Resp: 1698

Ion Ratio Lower Upper

50 100

52 32.1 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

1500

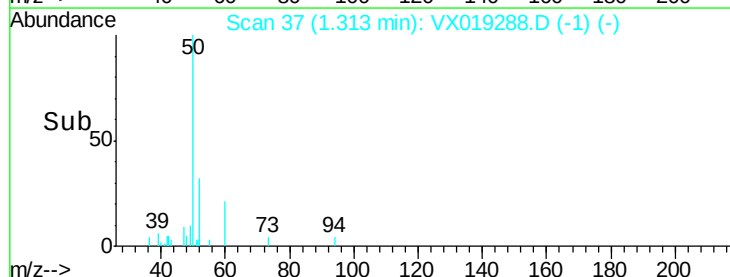
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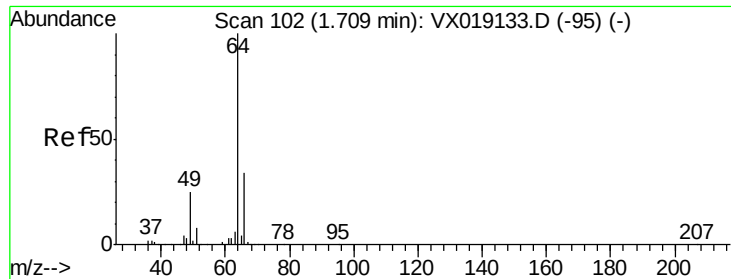
500

0

Time-->

1.25 1.30 1.35





#6

Chloroethane

Concen: 26.375 ug/l

RT: 1.51 min Scan# 70

Delta R.T. -0.20 min

Lab File: VX019288.D

Acq: 04 Nov 2020 22:41

Instrument :

MSVOA_X

ClientSampleId :

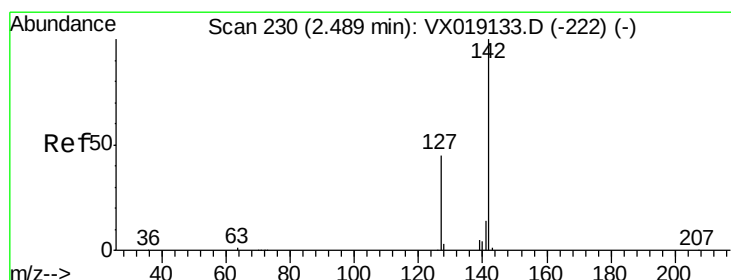
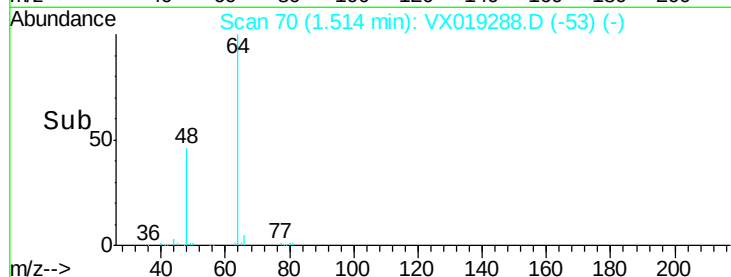
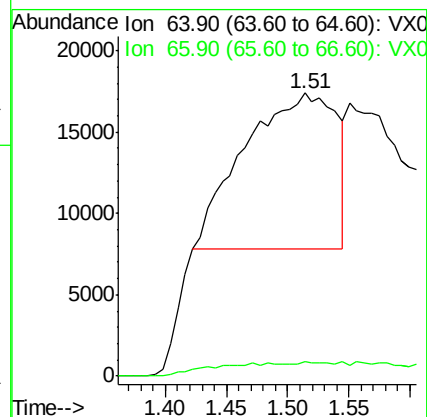
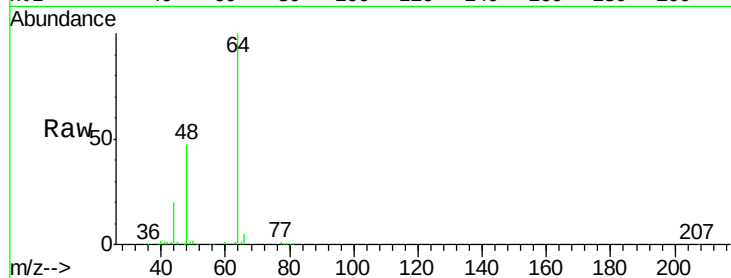
LW-06

Tot Ion: 64 Resp: 50191

Ion Ratio Lower Upper

64 100

66 5.0 27.1 40.7#



#10

Methyl Iodide

Concen: 6.386 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX019288.D

Acq: 04 Nov 2020 22:41

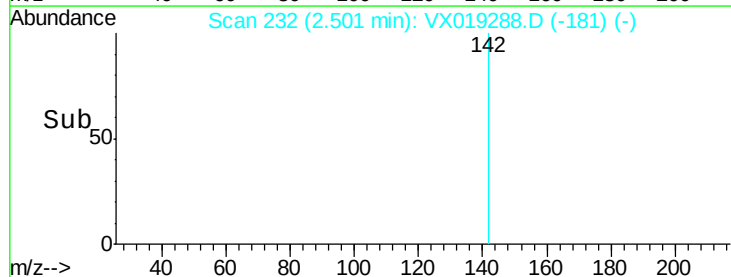
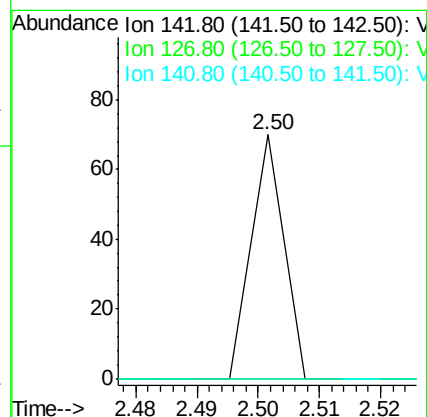
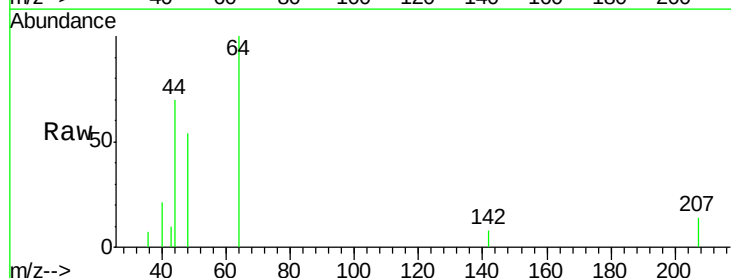
Tgt Ion: 142 Resp: 26

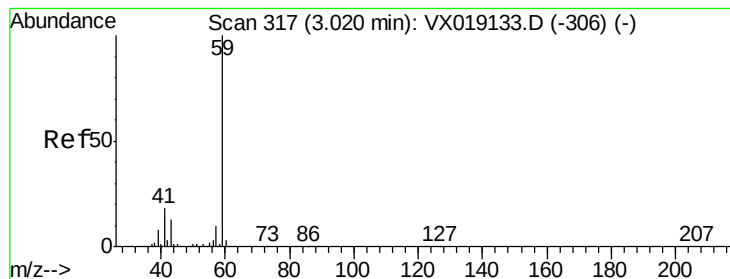
Ion Ratio Lower Upper

142 100

127 0.0 36.1 54.1#

141 0.0 11.3 16.9#



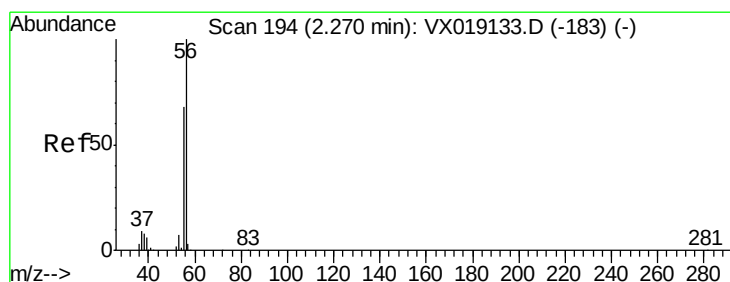
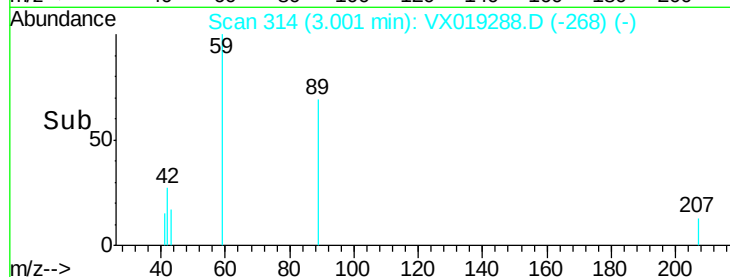
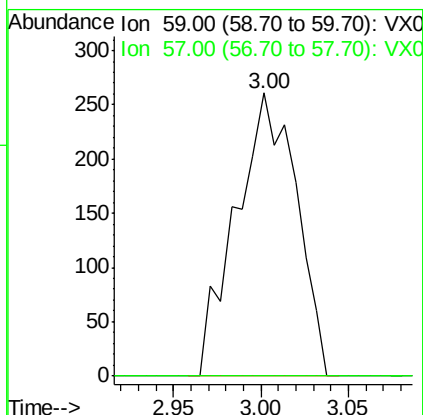
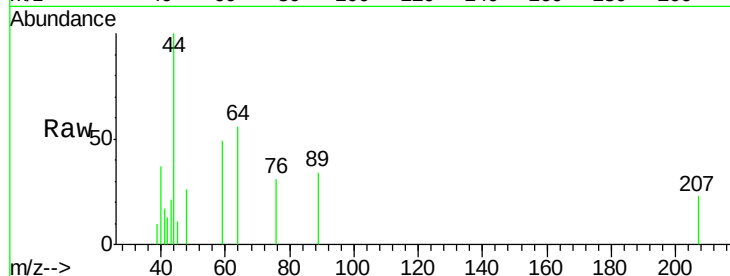


#11

Tert butyl alcohol
Concen: 0.893 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX019288.D
Acq: 04 Nov 2020 22:41

Instrument :
MSVOA_X
ClientSampled :
LW-06

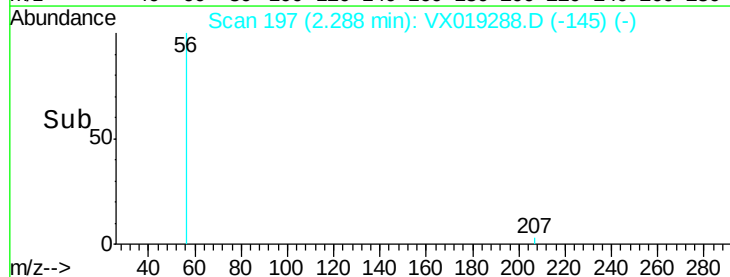
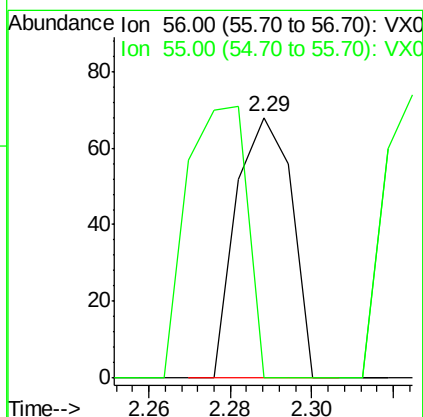
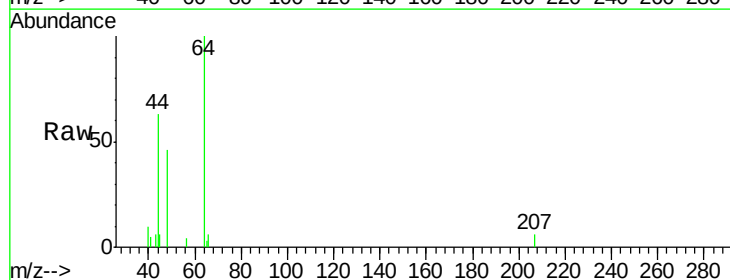
Tot Ion: 59 Resp: 628
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

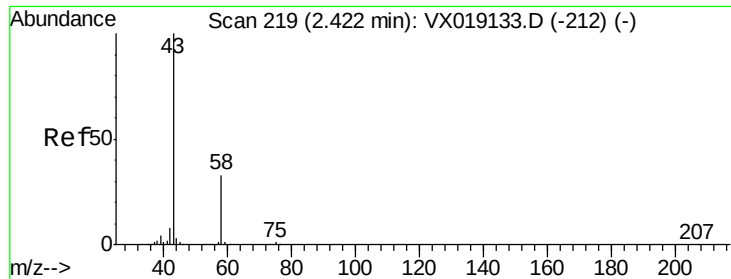


#13

Acrolein
Concen: 5.847 ug/l
RT: 2.29 min Scan# 197
Delta R.T. 0.02 min
Lab File: VX019288.D
Acq: 04 Nov 2020 22:41

Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 112.5 54.7 82.1#





#16

Acetone

Concen: 5.422 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019288.D

Acq: 04 Nov 2020 22:41

Instrument :

MSVOA_X

ClientSampled :

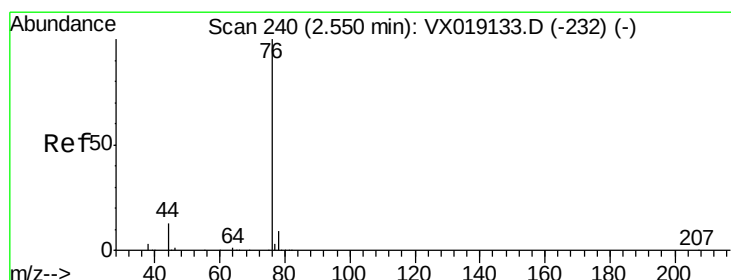
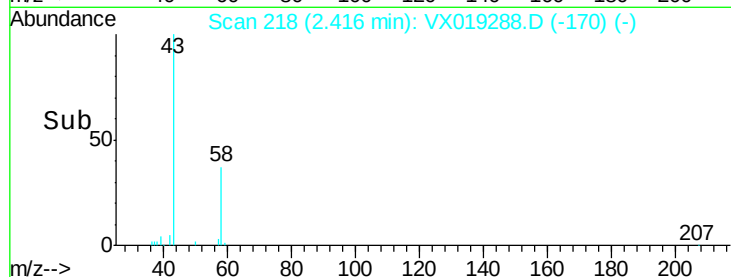
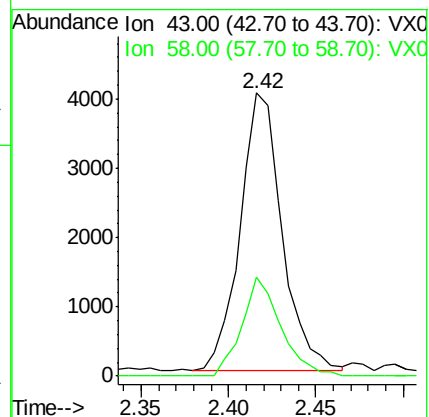
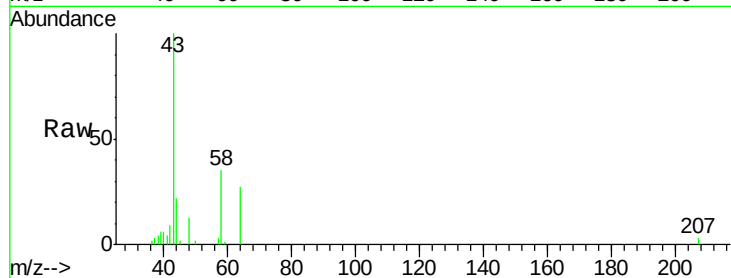
LW-06

Tot Ion: 43 Resp: 6656

Ion Ratio Lower Upper

43 100

58 35.8 26.3 39.5



#17

Carbon Disulfide

Concen: 1.112 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX019288.D

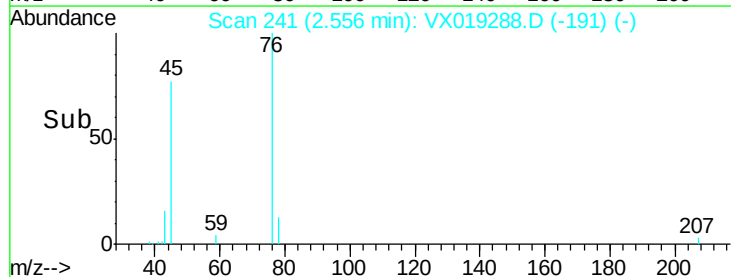
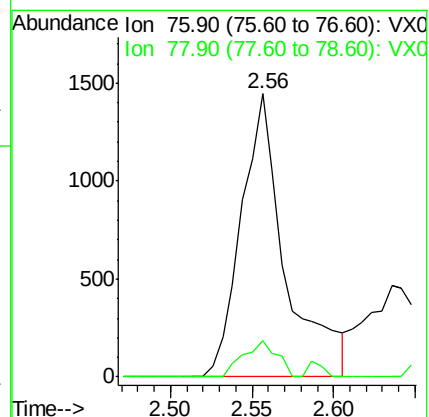
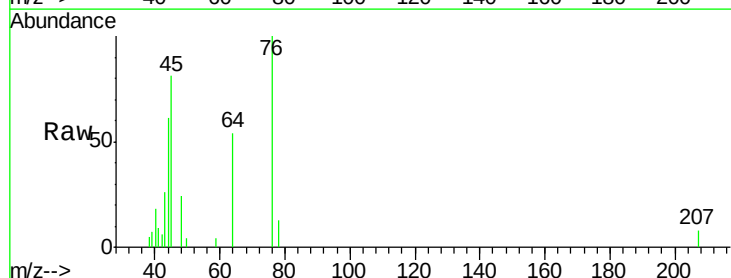
Acq: 04 Nov 2020 22:41

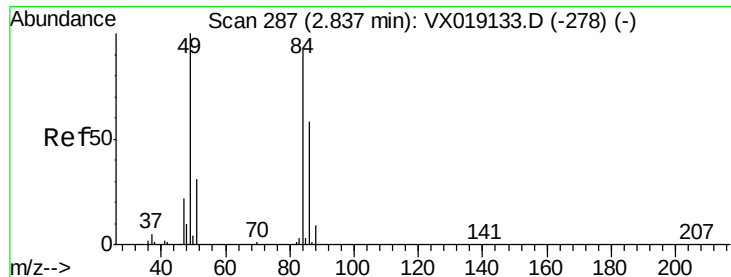
Tgt Ion: 76 Resp: 2730

Ion Ratio Lower Upper

76 100

78 12.7 7.3 10.9#

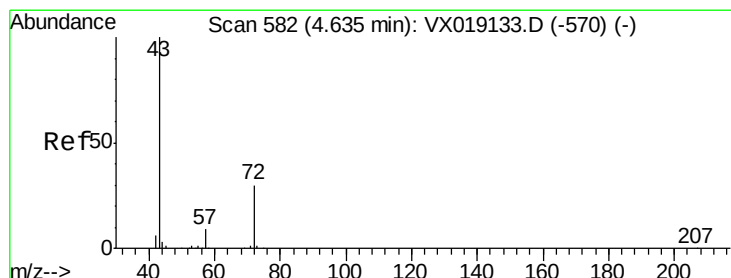
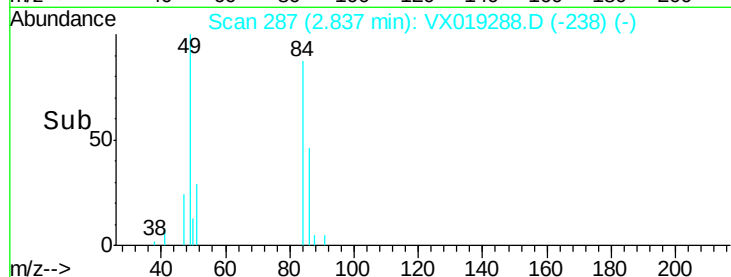
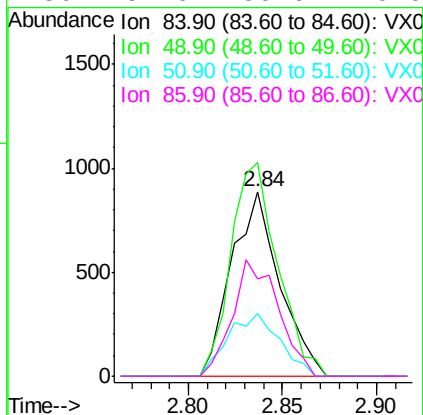
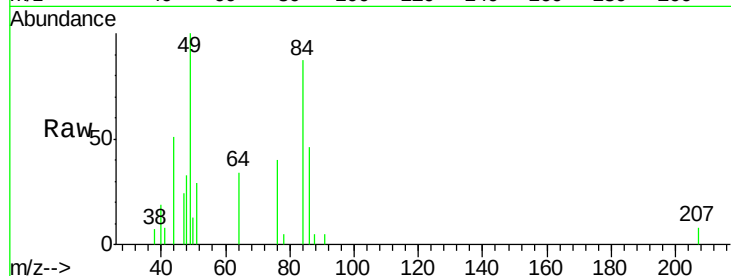




#20
Methvlene Chloride
Concen: 0.510 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019288.D
Acq: 04 Nov 2020 22:41

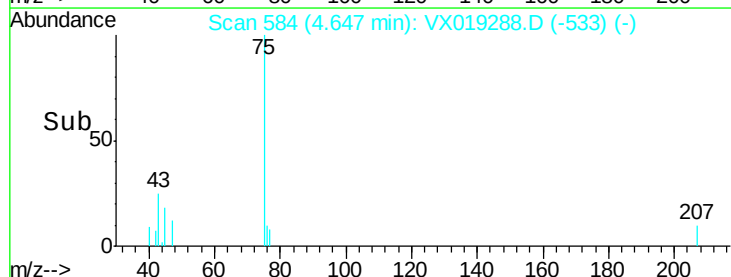
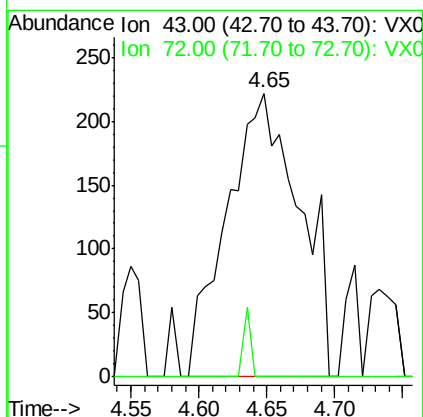
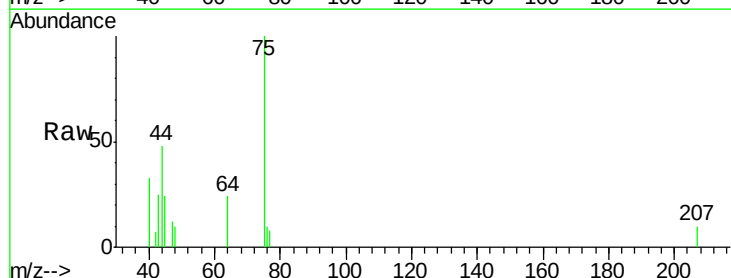
Instrument :
MSVOA_X
ClientSampled :
LW-06

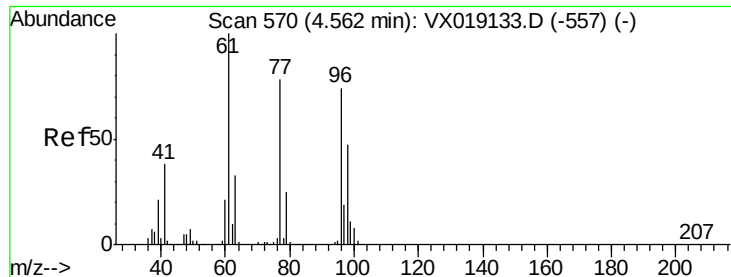
Tot Ion:	84	Resp:	1571
Ion	Ratio	Lower	Upper
84	100		
49	115.5	86.8	130.2
51	33.7	27.3	40.9
86	52.6	50.6	76.0



#25
2-Butanone
Concen: 0.428 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX019288.D
Acq: 04 Nov 2020 22:41

Tgt Ion:	43	Resp:	828
Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.6	36.8#



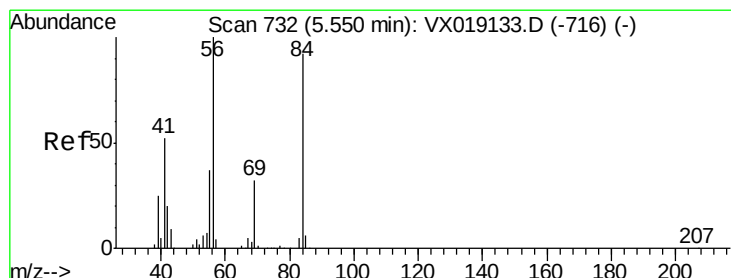
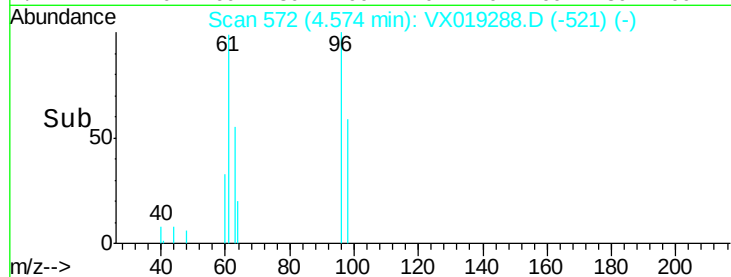
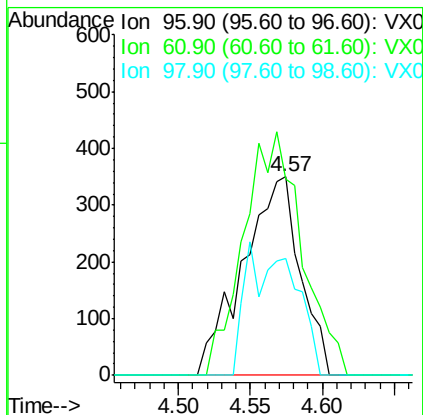
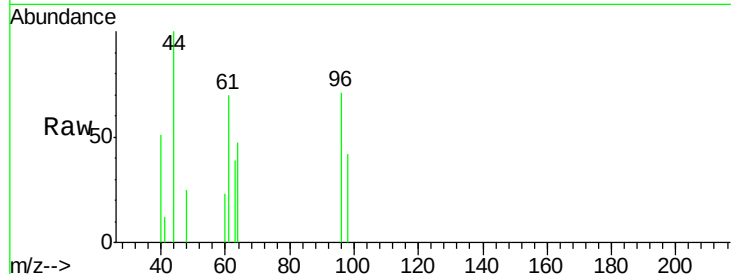


#27

cis-1,2-Dichloroethene
Concen: 0.281 ug/l
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX019288.D
Acq: 04 Nov 2020 22:41

Instrument :
MSVOA_X
ClientSampleId :
LW-06

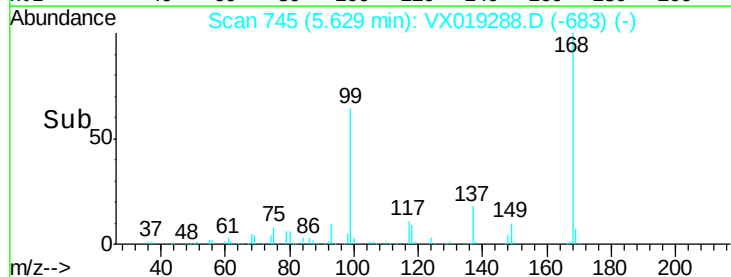
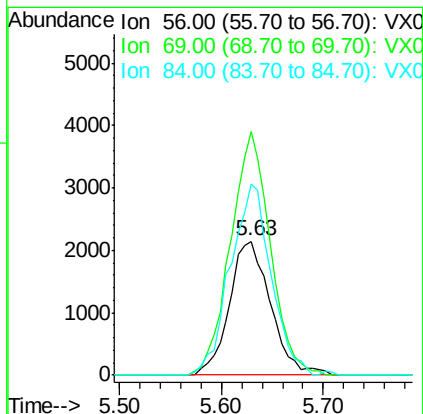
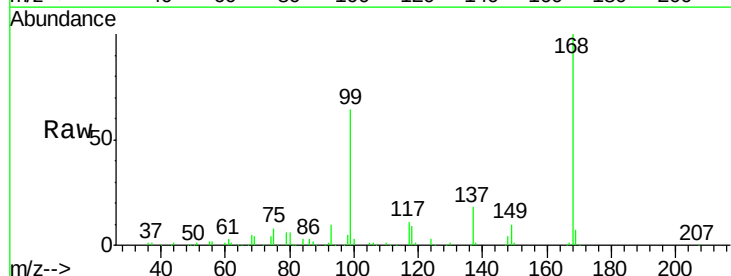
Tot Ion	Ratio	Lower	Upper
96	100		
61	124.8	0.0	278.8
98	0.0	0.0	130.2

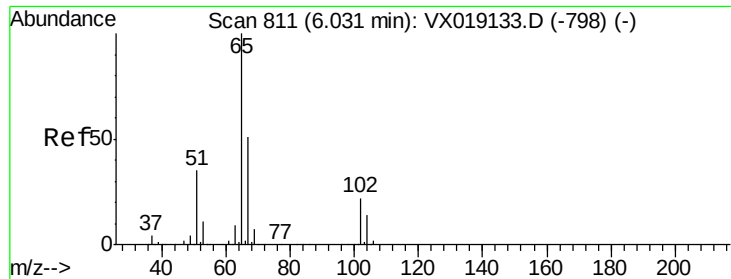


#31

Cyclohexane
Concen: 1.339 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX019288.D
Acq: 04 Nov 2020 22:41

Tgt Ion	Ratio	Lower	Upper
56	100		
69	181.9	25.9	38.9#
84	143.1	73.4	110.2#

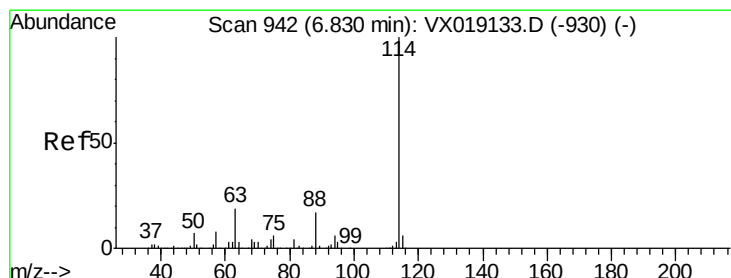
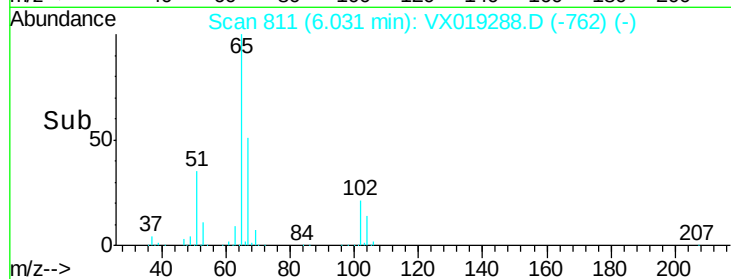
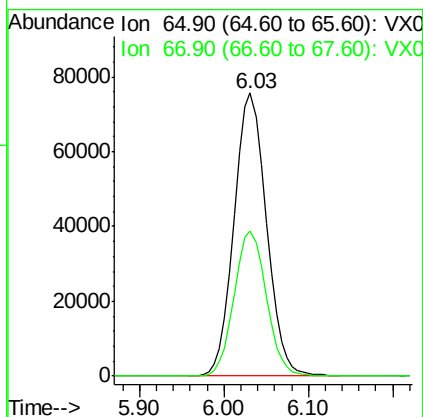
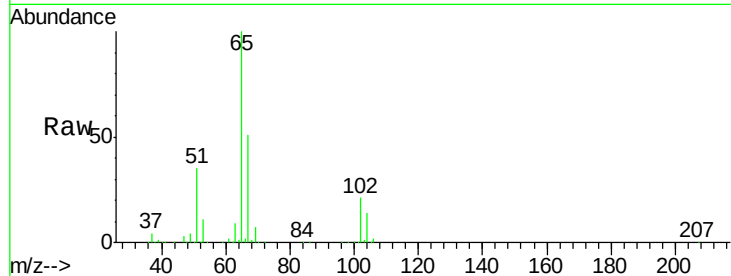




#33
 1,2-Dichloroethane-d4
 Concen: 55.349 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019288.D
 Acq: 04 Nov 2020 22:41

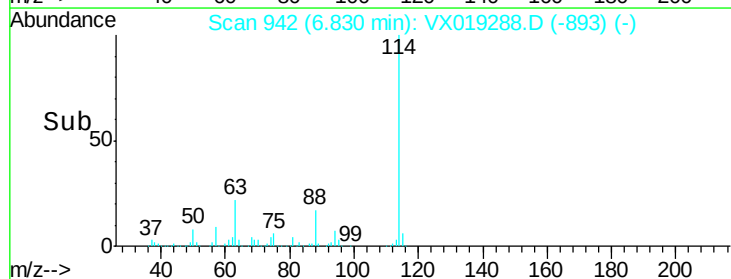
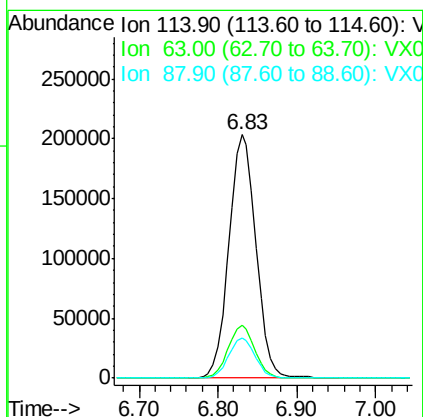
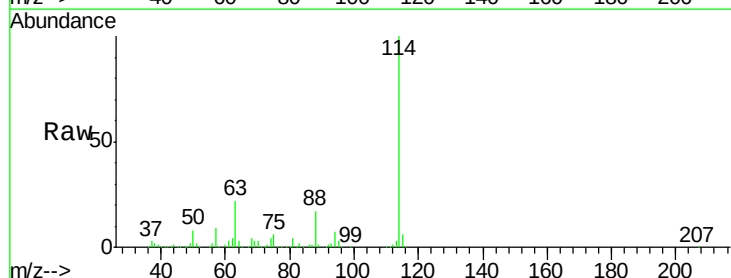
Instrument :
 MSVOA_X
 ClientSampleId :
 LW-06

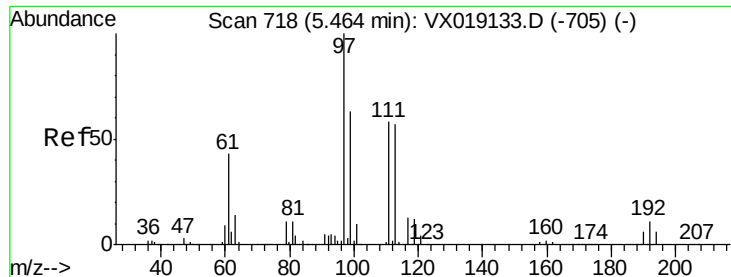
Tot Ion: 65 Resp: 196962
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019288.D
 Acq: 04 Nov 2020 22:41

Tgt Ion: 114 Resp: 484869
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 38.8
 88 16.7 0.0 34.2

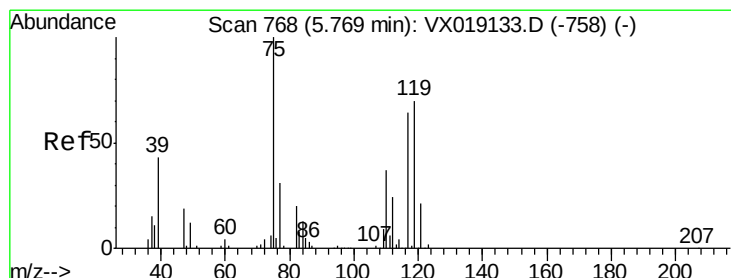
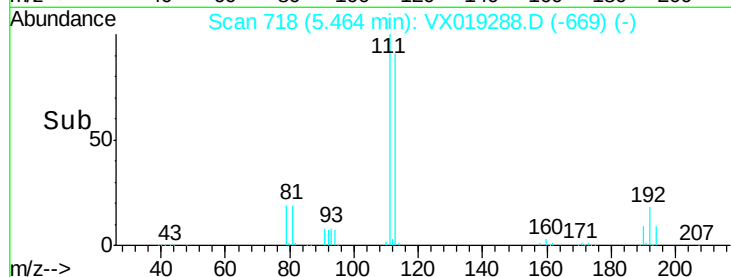
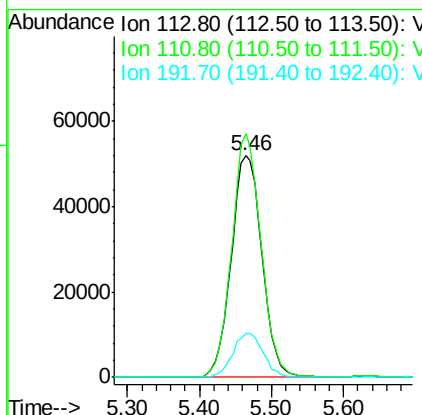
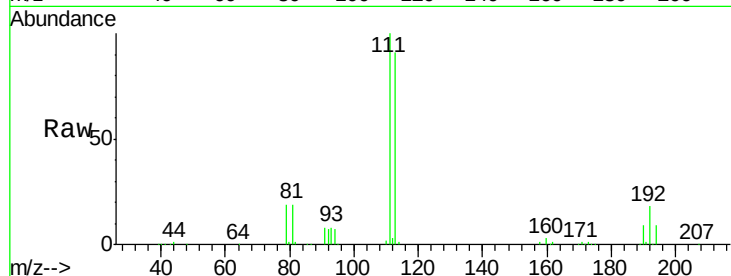




#35
 Dibromofluoromethane
 Concen: 50.654 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019288.D
 Acq: 04 Nov 2020 22:41

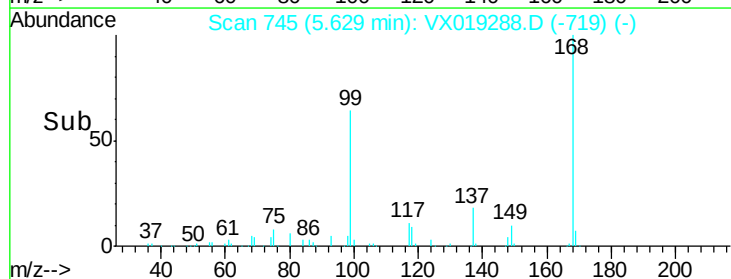
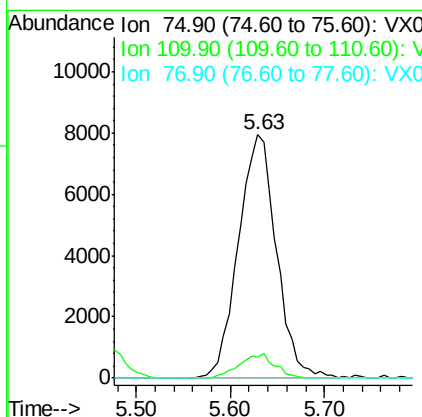
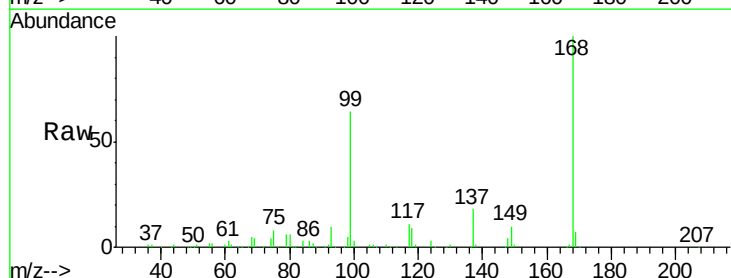
Instrument :
 MSVOA_X
 ClientSampleId :
 LW-06

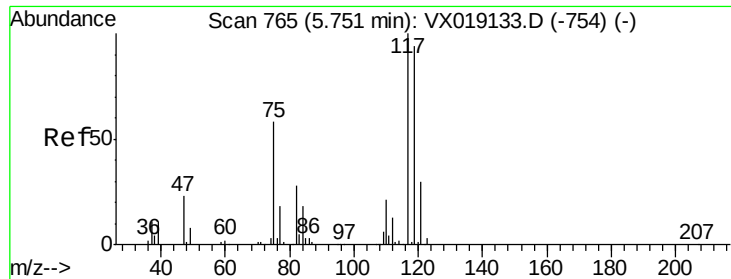
Tot Ion:113 Resp: 154273
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.3 123.5
 192 19.7 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX019288.D
 Acq: 04 Nov 2020 22:41

Tgt Ion: 75 Resp: 22389
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.3 54.9#
 77 0.0 24.9 37.3#

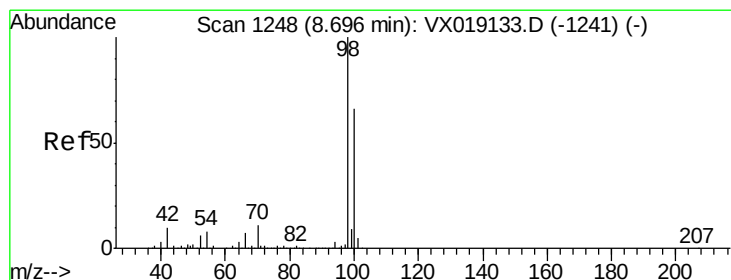
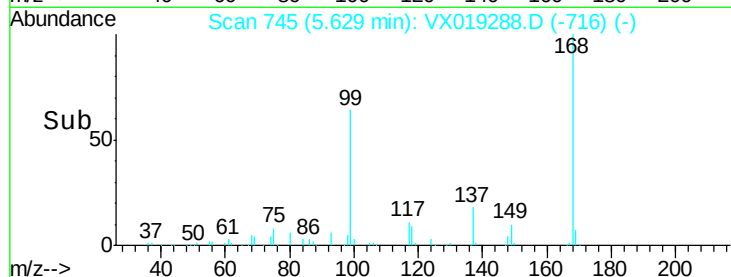
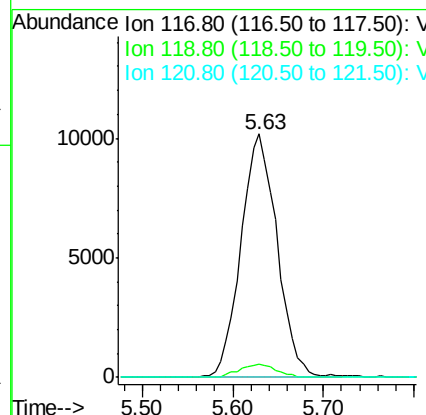
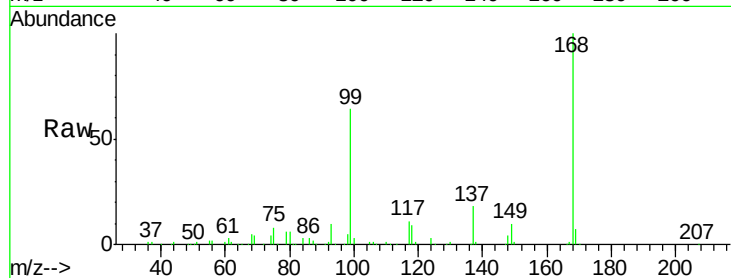




#38
Carbon Tetrachloride
Concen: 6.180 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019288.D
Acq: 04 Nov 2020 22:41

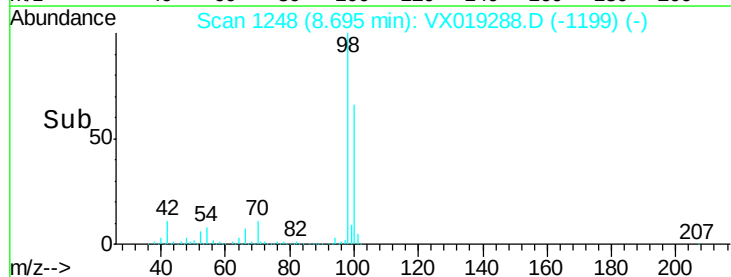
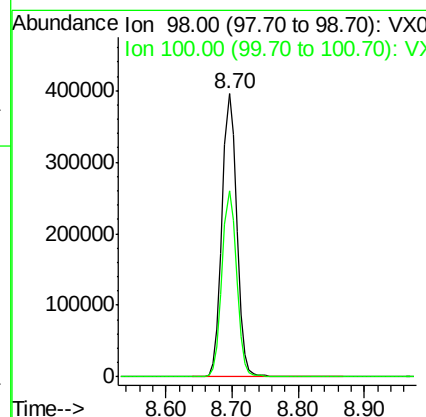
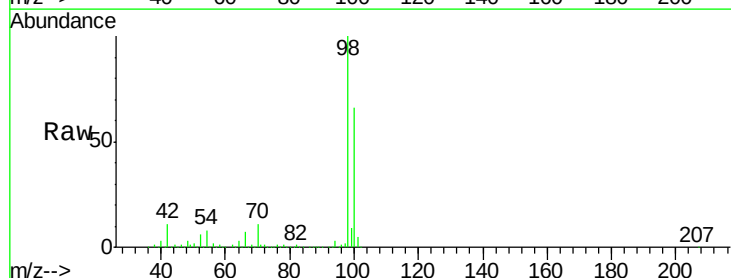
Instrument :
MSVOA_X
ClientSampled :
LW-06

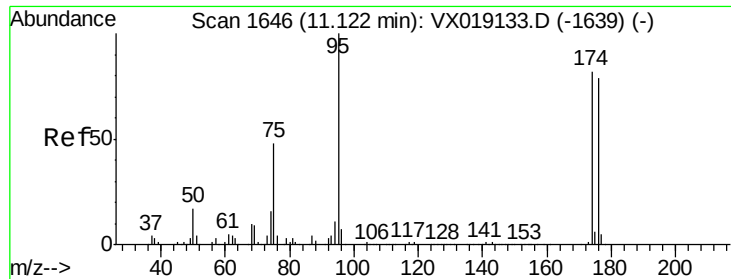
Tot Ion:117 Resp: 28204
Ion Ratio Lower Upper
117 100
119 5.7 75.0 112.6#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 53.231 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019288.D
Acq: 04 Nov 2020 22:41

Tgt Ion: 98 Resp: 611148
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.6

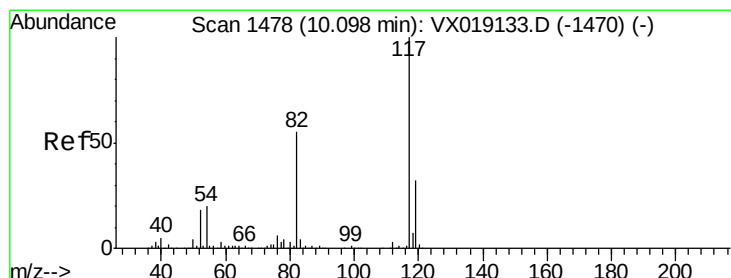
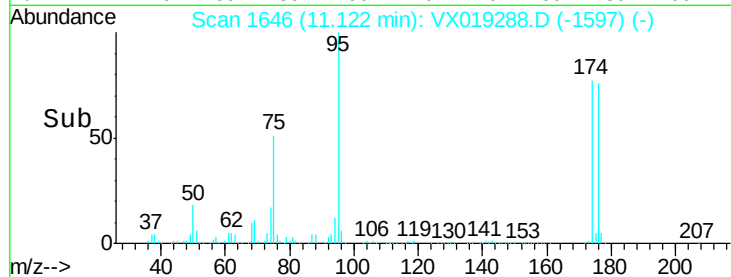
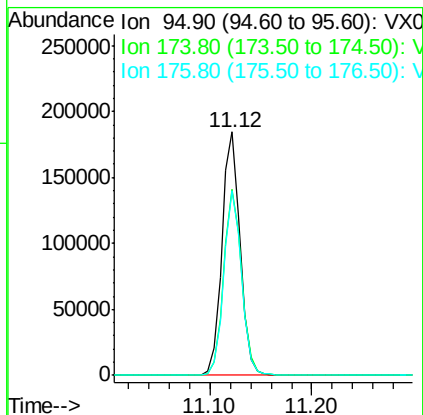
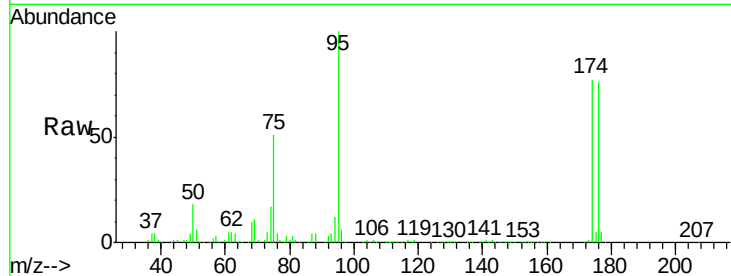




#62
4-Bromofluorobenzene
Concen: 52.723 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019288.D
Acq: 04 Nov 2020 22:41

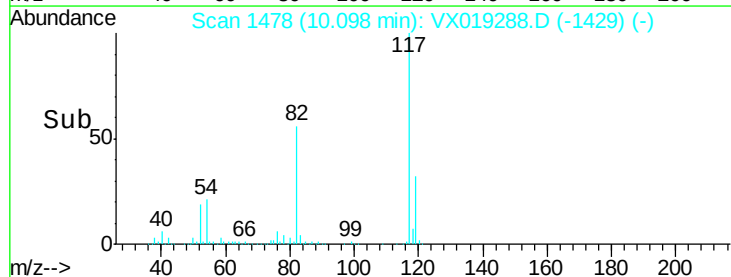
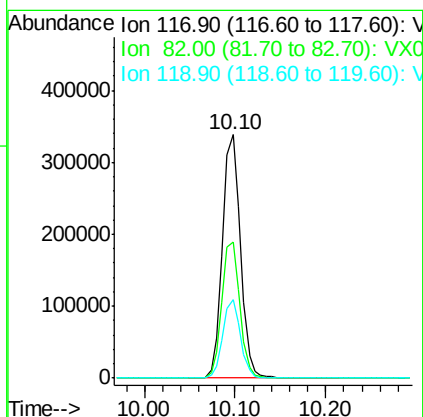
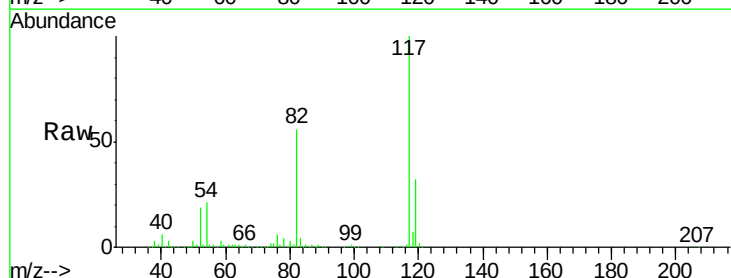
Instrument :
MSVOA_X
ClientSampleId :
LW-06

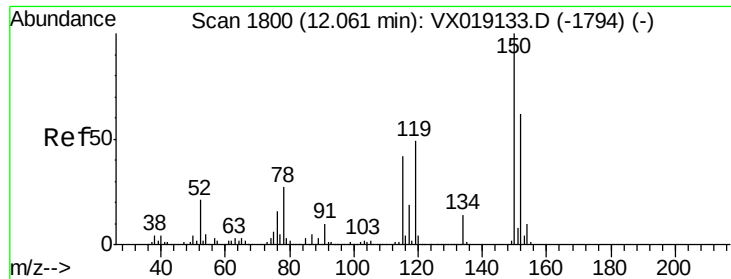
Tot Ion: 95 Resp: 229237
Ion Ratio Lower Upper
95 100
174 75.5 0.0 156.0
176 73.9 0.0 149.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019288.D
Acq: 04 Nov 2020 22:41

Tgt Ion: 117 Resp: 469626
Ion Ratio Lower Upper
117 100
82 55.9 43.6 65.4
119 32.4 25.5 38.3



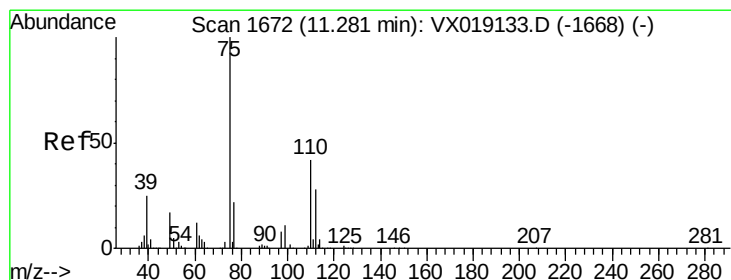
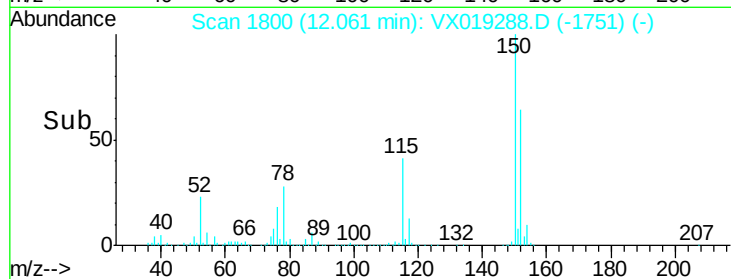
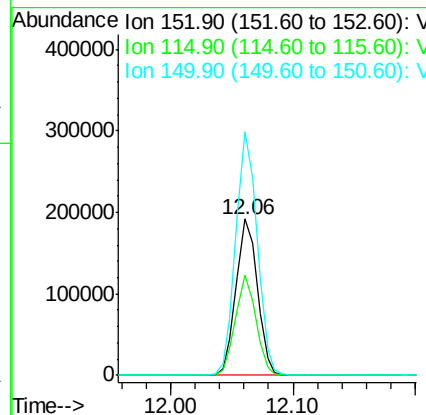
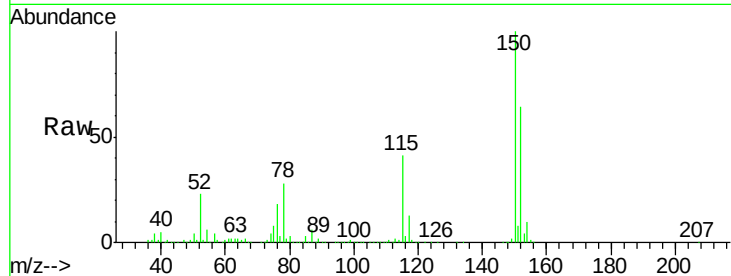


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019288.D
Acq: 04 Nov 2020 22:41

Instrument :
MSVOA_X
ClientSampled :
LW-06

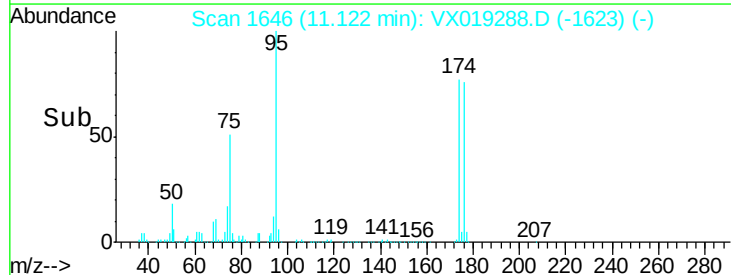
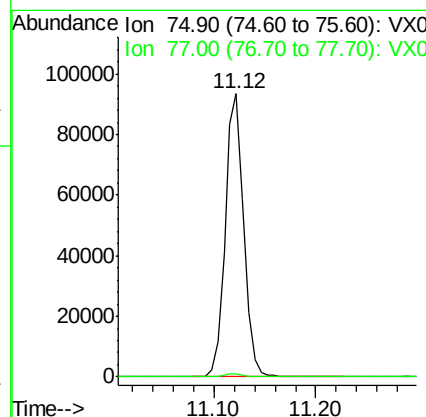
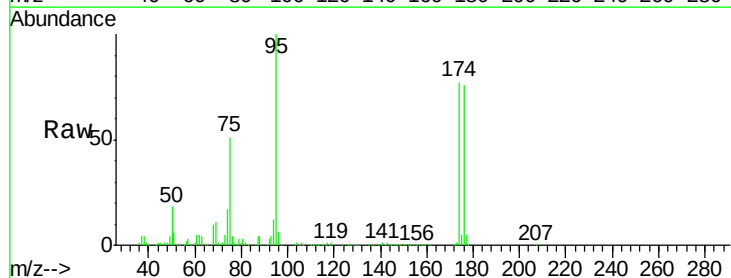
Tot Ion:152 Resp: 231938
Ion Ratio Lower Upper
152 100
115 61.7 41.9 125.7
150 155.6 0.0 347.8

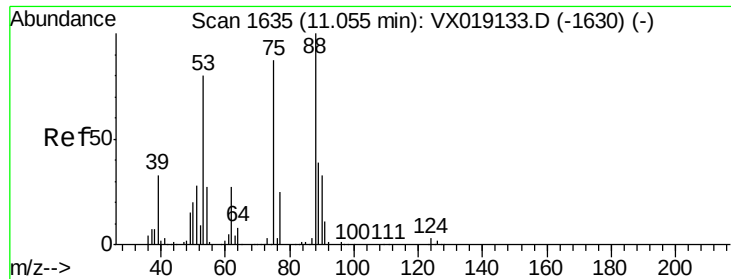


#76

1,2,3-Trichloropropane
Concen: 24.561 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019288.D
Acq: 04 Nov 2020 22:41

Tgt Ion: 75 Resp: 117623
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.669 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.07 min
 Lab File: VX019288.D
 Acq: 04 Nov 2020 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 LW-06

Tot Ion: 75 Resp: 117623
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.3 109.9#
 89 0.0 38.2 57.2#

