

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026196.D
 Acq On : 31 Dec 2021 02:51
 Operator : JC/MD
 Sample : PB141721TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB141721TB

Quant Time: Dec 31 21:34:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

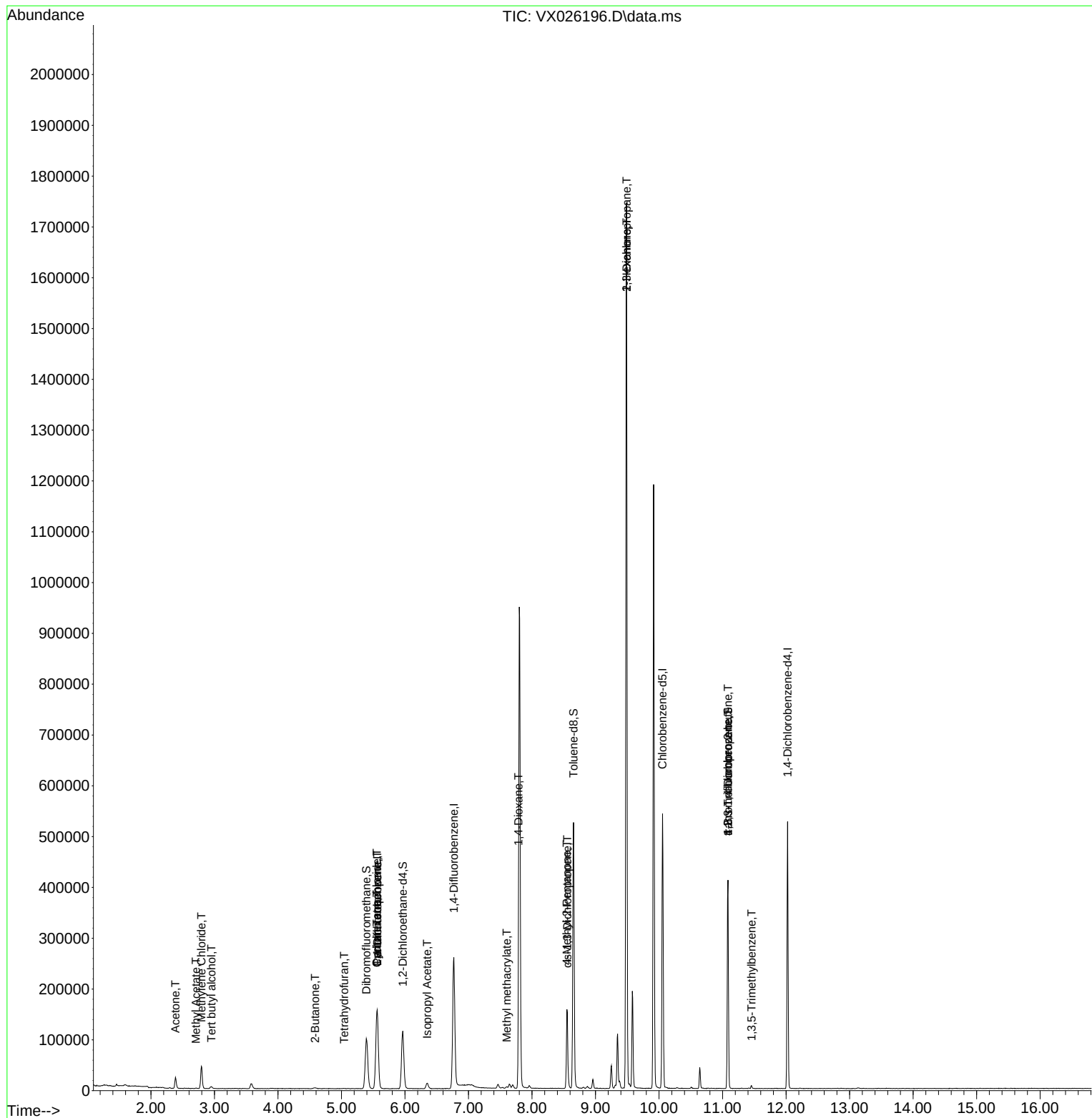
Internal Standards						
1) Pentafluorobenzene	5.562	168	137645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	238599	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108705	54.589	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.180%			
35) Dibromofluoromethane	5.391	113	82671	53.295	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.580%			
50) Toluene-d8	8.653	98	289339	50.146	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.300%			
62) 4-Bromofluorobenzene	11.085	95	99995	48.683	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.360%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.952	59	2472	6.215	ug/l #	73
16) Acetone	2.385	43	23861	22.116	ug/l	92
18) Methyl Acetate	2.709	43	1608	0.459	ug/l #	71
20) Methylene Chloride	2.794	84	17643	9.461	ug/l	95
25) 2-Butanone	4.586	43	2209	1.470	ug/l	95
29) Tetrahydrofuran	5.044	42	475	0.501	ug/l #	43
31) Cyclohexane	5.556	56	3643	1.285	ug/l #	23
36) 1,1-Dichloropropene	5.562	75	12514	5.002	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15319	5.504	ug/l #	16
43) Isopropyl Acetate	6.348	43	15345	3.246	ug/l	94
48) Methyl methacrylate	7.604	41	4154	1.832	ug/l #	12
49) 1,4-Dioxane	7.787	88	29	0.694	ug/l #	26
51) 4-Methyl-2-Pentanone	8.549	43	56343	19.150	ug/l #	49
54) cis-1,3-Dichloropropene	8.555	75	22797	7.826	ug/l #	66
57) 1,3-Dichloropropane	9.488	76	14241	4.602	ug/l #	42
59) 2-Hexanone	9.488	43	218843	98.193	ug/l #	49
76) 1,2,3-Trichloropropane	11.085	75	56780	24.863	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	2670	0.437	ug/l	90
81) trans-1,4-Dichloro-2-b...	11.085	75	56780	71.928	ug/l #	10

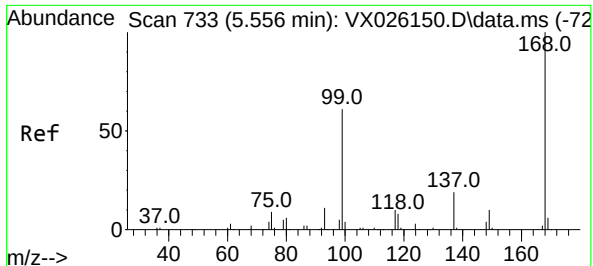
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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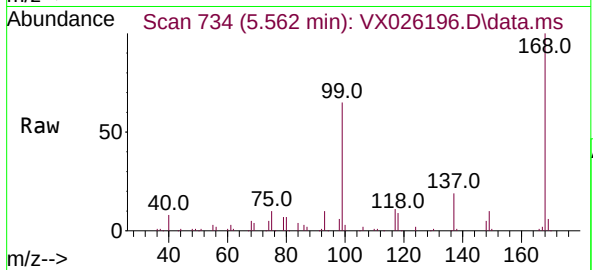
Quant Time: Dec 31 21:34:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
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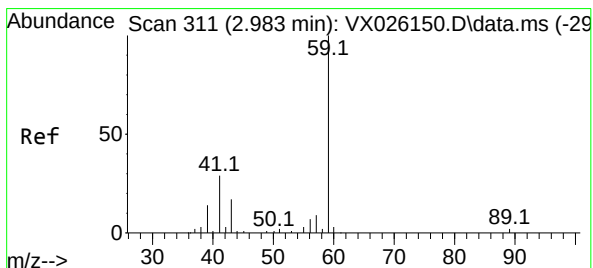
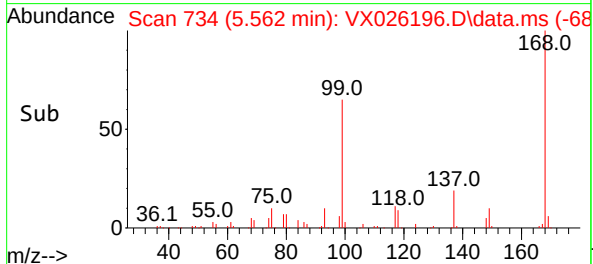
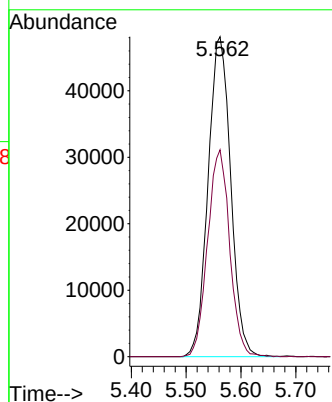


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026196.D
Acq: 31 Dec 2021 02:51

Instrument :
MSVOA_X
ClientSampleId :
PB141721TB

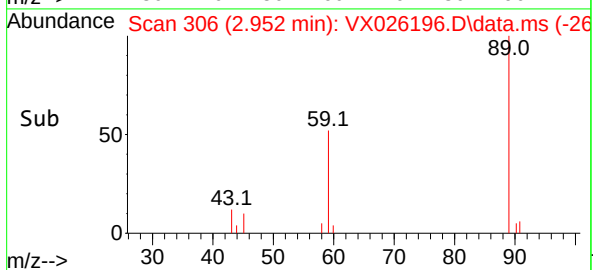
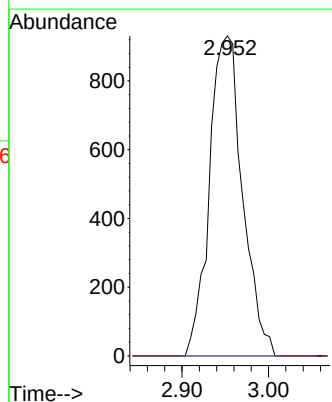
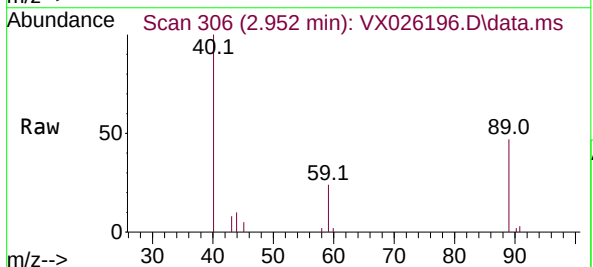


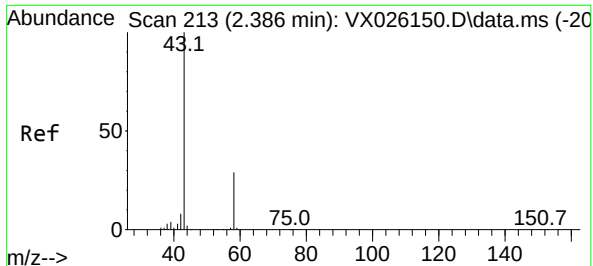
Tgt Ion:168 Resp: 137645
Ion Ratio Lower Upper
168 100
99 64.6 45.8 68.8



#11
Tert butyl alcohol
Concen: 6.215 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX026196.D
Acq: 31 Dec 2021 02:51

Tgt Ion: 59 Resp: 2472
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

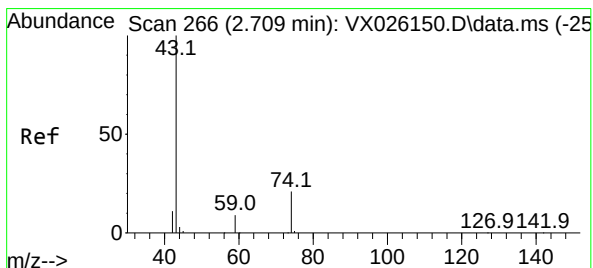
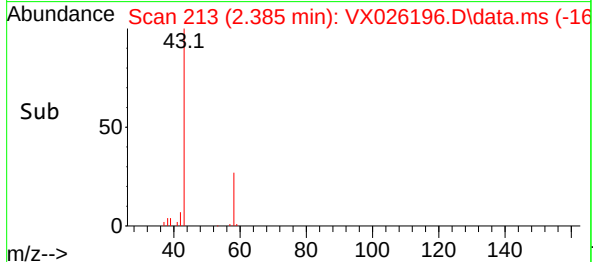
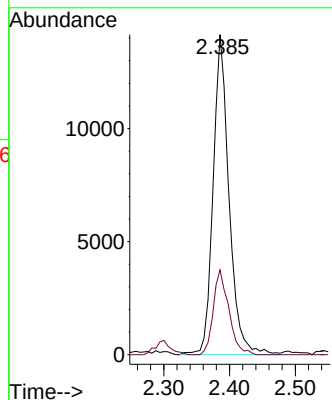
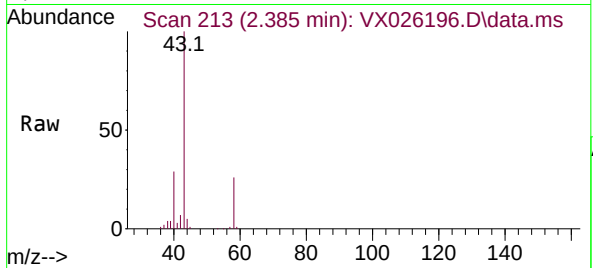




#16
Acetone
Concen: 22.116 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX026196.D
Acq: 31 Dec 2021 02:51

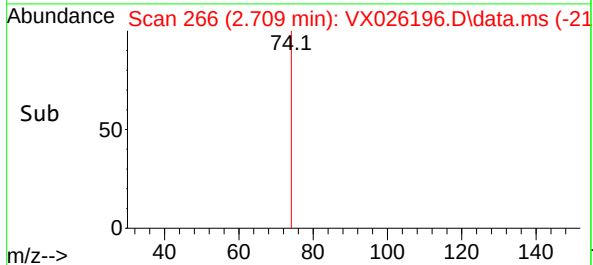
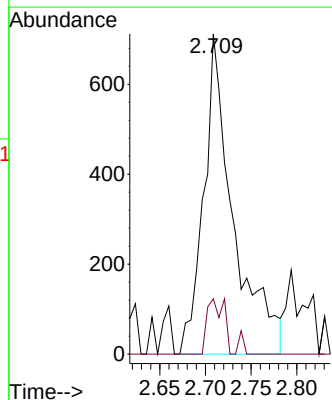
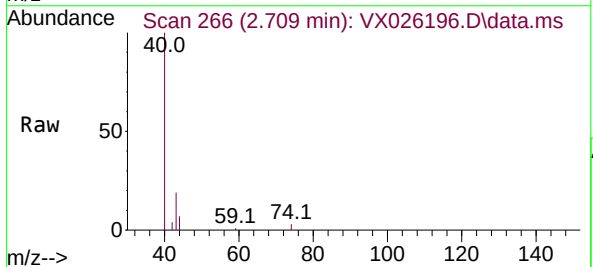
Instrument :
MSVOA_X
ClientSampleId :
PB141721TB

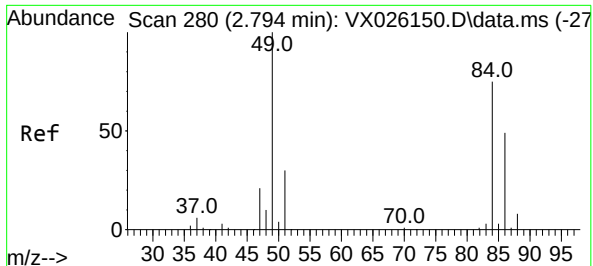
Tgt Ion: 43 Resp: 23861
Ion Ratio Lower Upper
43 100
58 26.5 24.8 37.2



#18
Methyl Acetate
Concen: 0.459 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026196.D
Acq: 31 Dec 2021 02:51

Tgt Ion: 43 Resp: 1608
Ion Ratio Lower Upper
43 100
74 9.8 19.1 28.7#

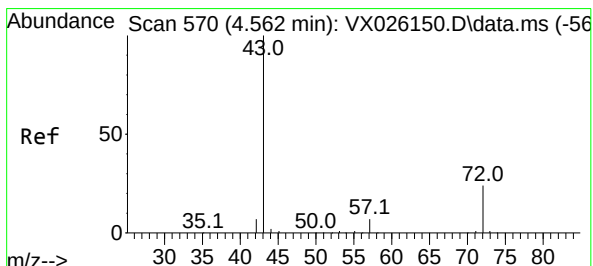
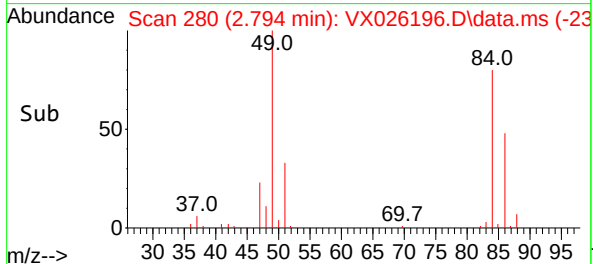
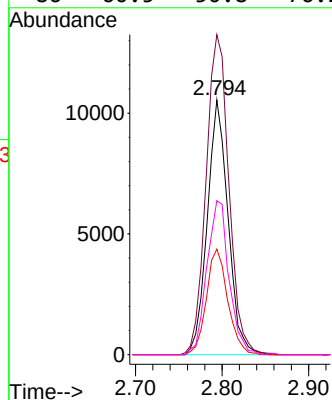
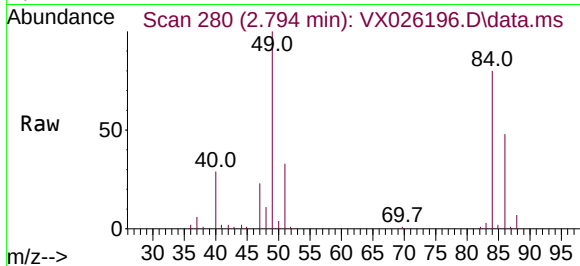




#20
Methylene Chloride
Concen: 9.461 ug/l
RT: 2.794 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026196.D
Acq: 31 Dec 2021 02:51

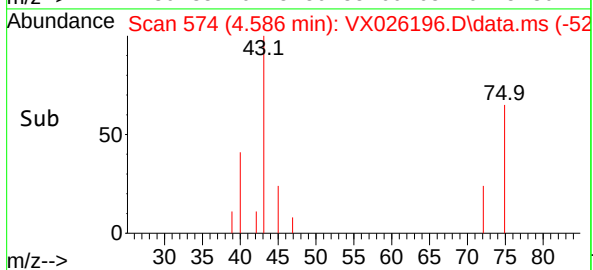
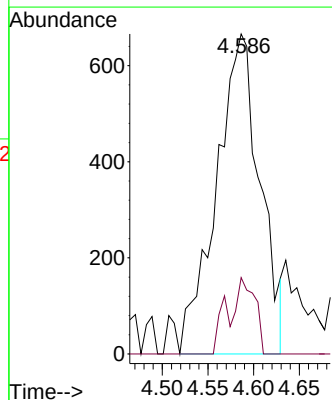
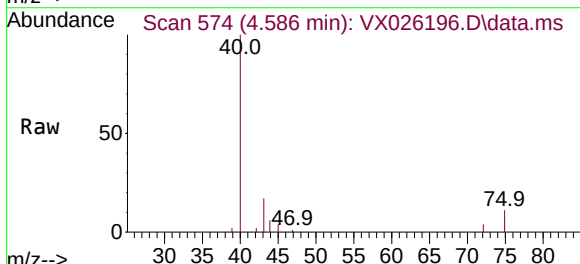
Instrument :
MSVOA_X
ClientSampleId :
PB141721TB

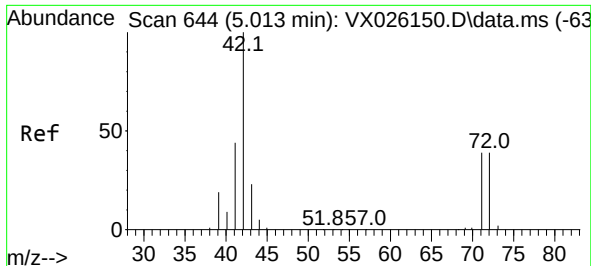
Tgt Ion:	84	Resp:	17643
Ion	Ratio	Lower	Upper
84	100		
49	125.6	97.1	145.7
51	41.5	29.3	43.9
86	60.5	50.8	76.2



#25
2-Butanone
Concen: 1.470 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX026196.D
Acq: 31 Dec 2021 02:51

Tgt Ion:	43	Resp:	2209
Ion	Ratio	Lower	Upper
43	100		
72	23.9	21.0	31.4





#29

Tetrahydrofuran

Concen: 0.501 ug/l

RT: 5.044 min Scan# 644

Delta R.T. 0.031 min

Lab File: VX026196.D

Acq: 31 Dec 2021 02:51

Instrument :

MSVOA_X

ClientSampleId :

PB141721TB

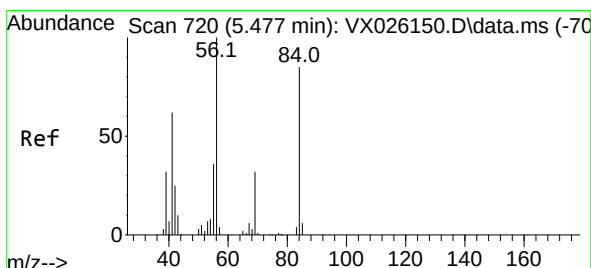
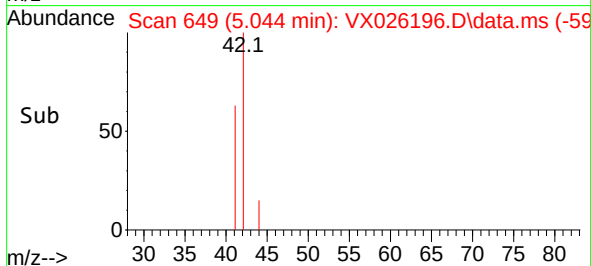
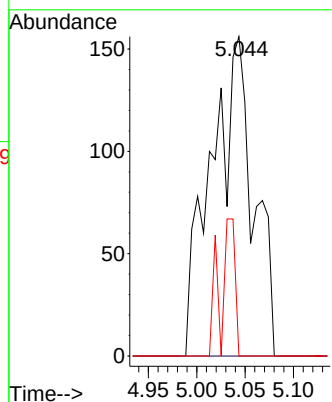
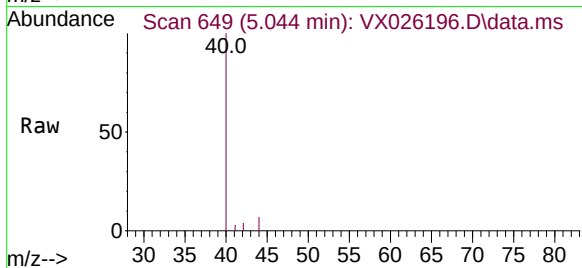
Tgt Ion: 42 Resp: 475

Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.6#

71 14.9 34.1 51.1#



#31

Cyclohexane

Concen: 1.285 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026196.D

Acq: 31 Dec 2021 02:51

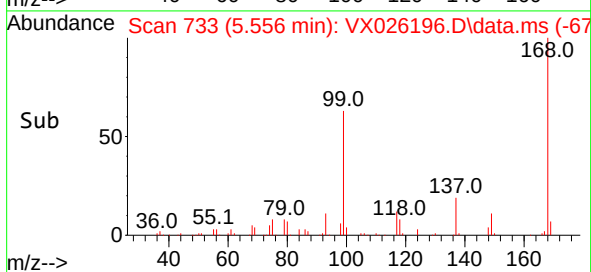
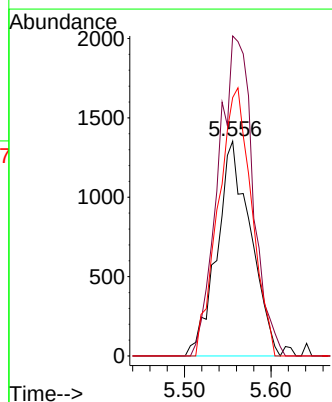
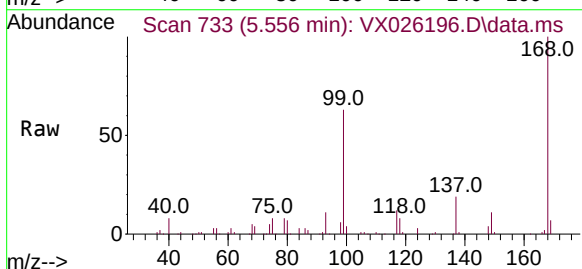
Tgt Ion: 56 Resp: 3643

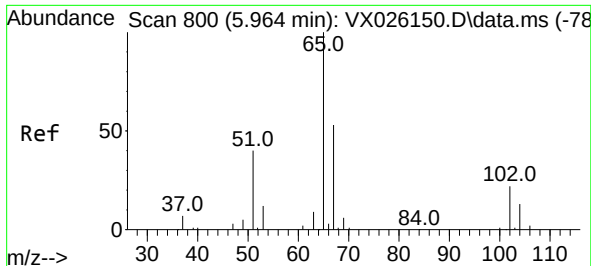
Ion Ratio Lower Upper

56 100

69 149.0 23.9 35.9#

84 120.3 73.2 109.8#

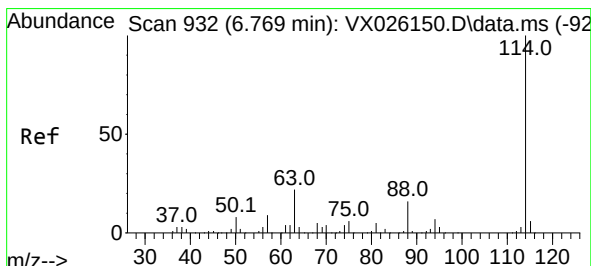
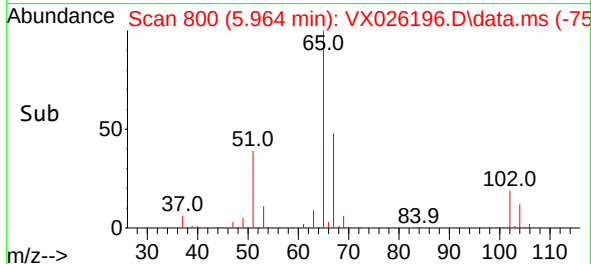
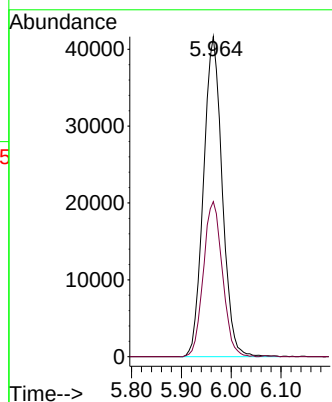
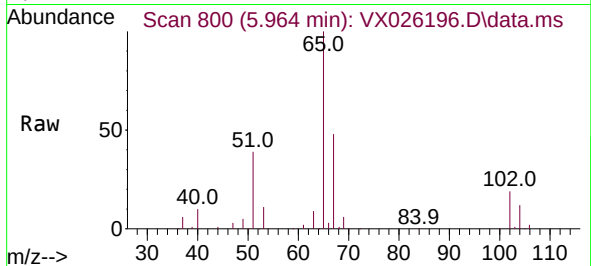




#33
 1,2-Dichloroethane-d4
 Concen: 54.589 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX026196.D
 Acq: 31 Dec 2021 02:51

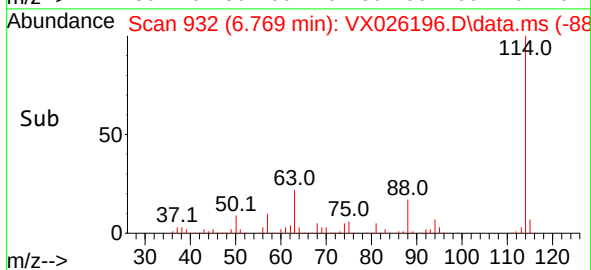
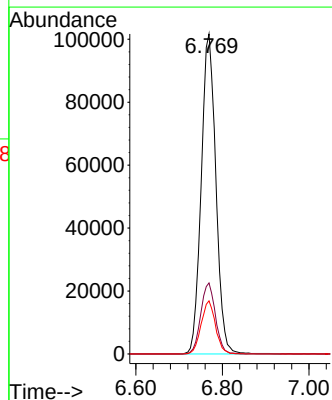
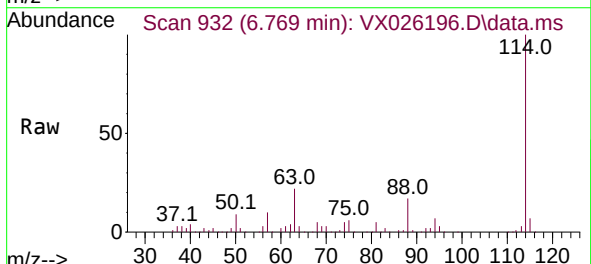
Instrument :
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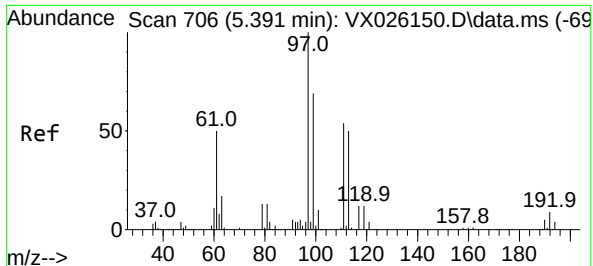
Tgt Ion: 65 Resp: 108705
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX026196.D
 Acq: 31 Dec 2021 02:51

Tgt Ion: 114 Resp: 238599
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 40.0
 88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.295 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026196.D

Acq: 31 Dec 2021 02:51

Instrument :

MSVOA_X

ClientSampleId :

PB141721TB

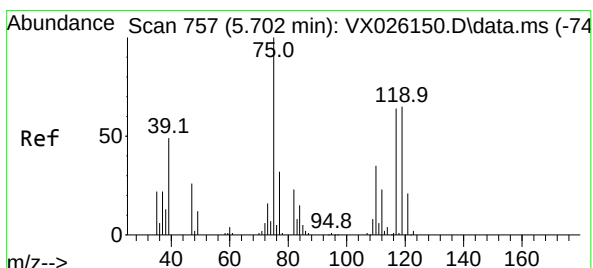
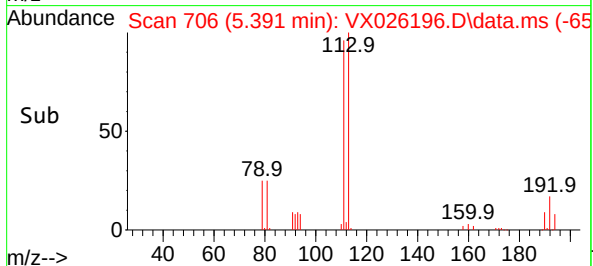
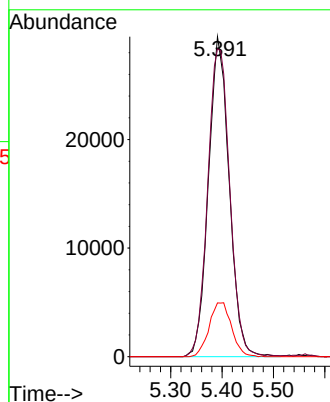
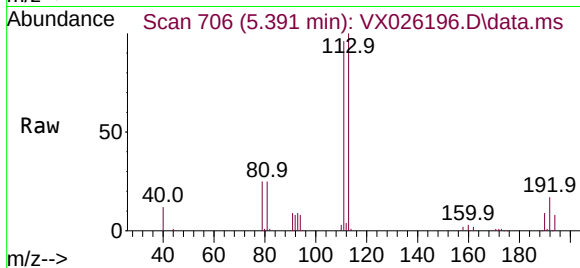
Tgt Ion:113 Resp: 82671

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

192 18.2 15.0 22.4



#36

1,1-Dichloropropene

Concen: 5.002 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX026196.D

Acq: 31 Dec 2021 02:51

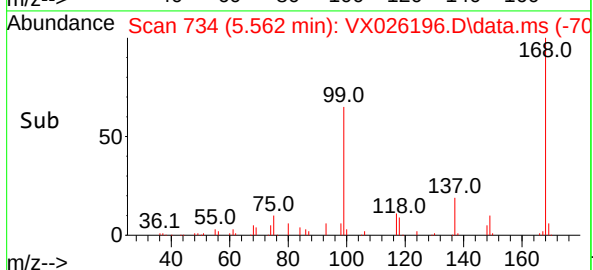
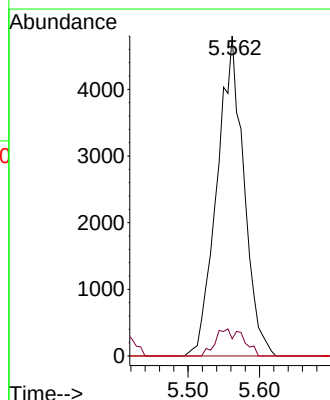
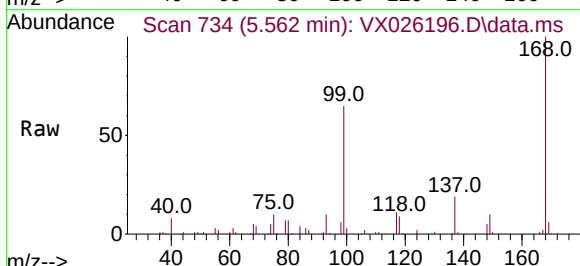
Tgt Ion: 75 Resp: 12514

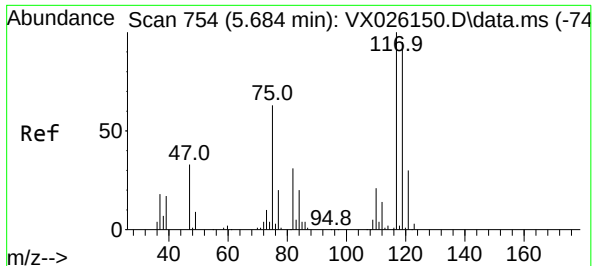
Ion Ratio Lower Upper

75 100

110 8.7 18.2 54.6#

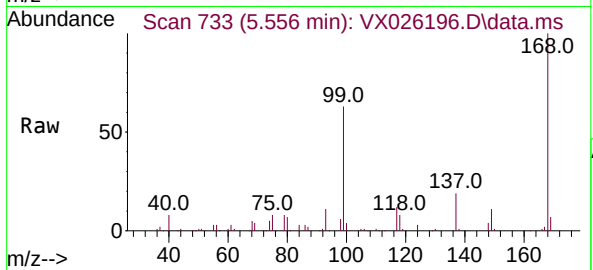
77 0.0 24.7 37.1#



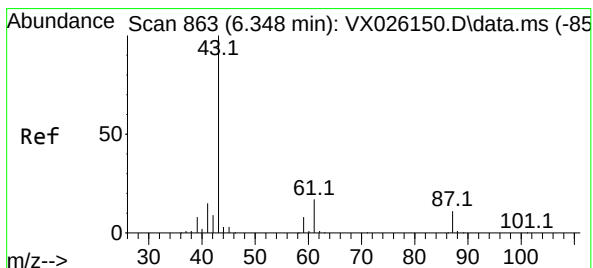
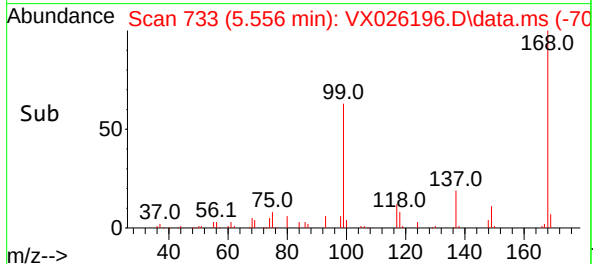
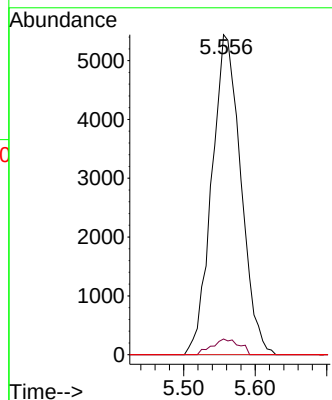


#38
Carbon Tetrachloride
Concen: 5.504 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026196.D
Acq: 31 Dec 2021 02:51

Instrument :
MSVOA_X
ClientSampleId :
PB141721TB

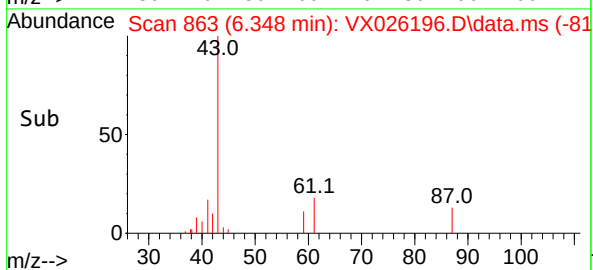
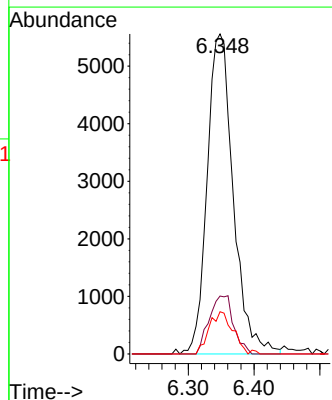
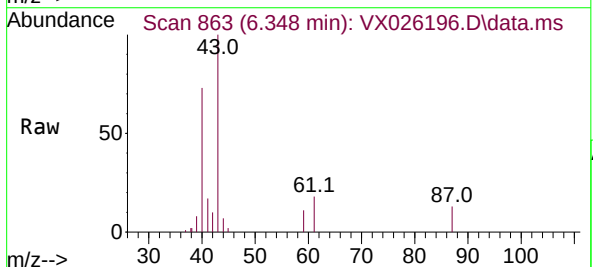


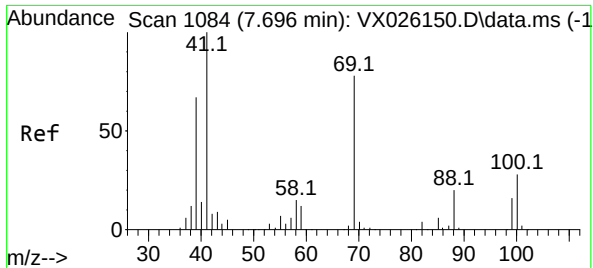
Tgt Ion:117 Resp: 15319
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 3.246 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX026196.D
Acq: 31 Dec 2021 02:51

Tgt Ion: 43 Resp: 15345
Ion Ratio Lower Upper
43 100
61 17.0 15.7 23.5
87 11.9 11.2 16.8

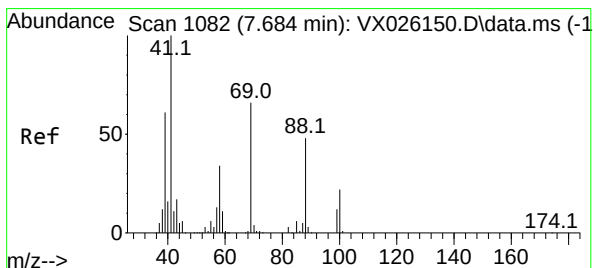
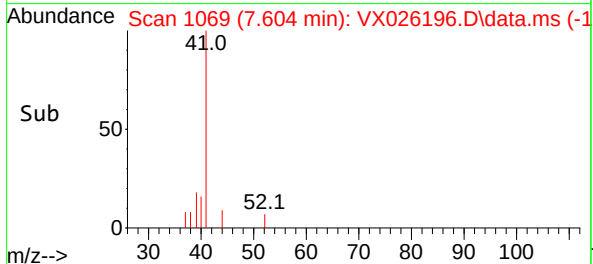
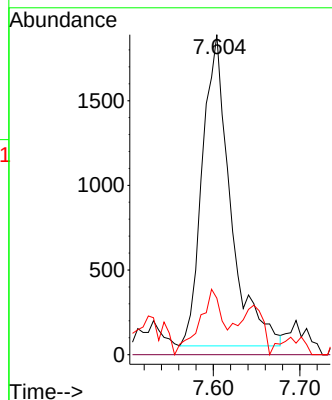
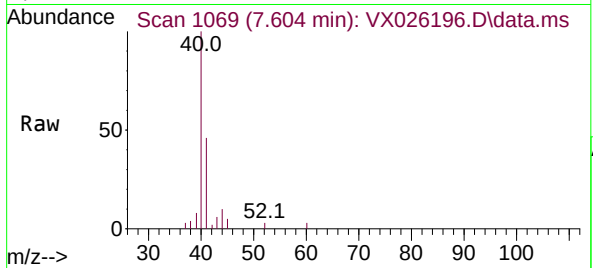




#48
Methyl methacrylate
Concen: 1.832 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX026196.D
Acq: 31 Dec 2021 02:51

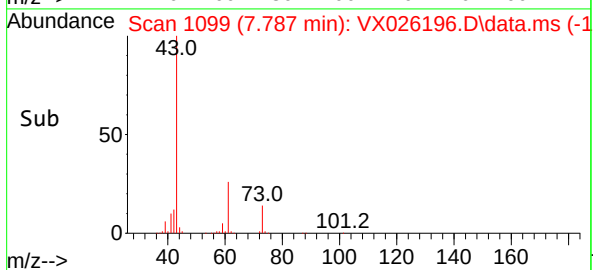
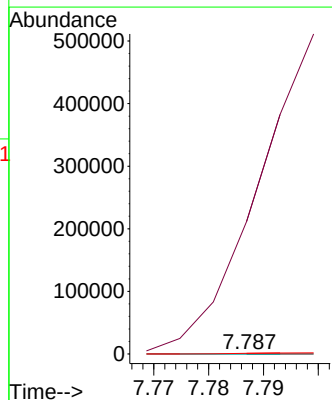
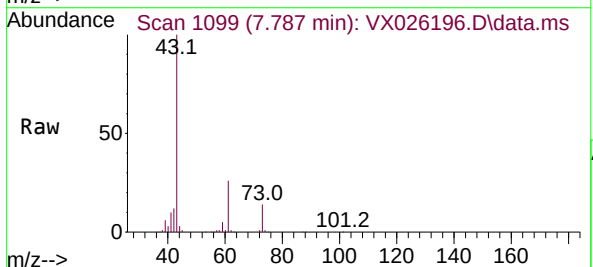
Instrument :
MSVOA_X
ClientSampleId :
PB141721TB

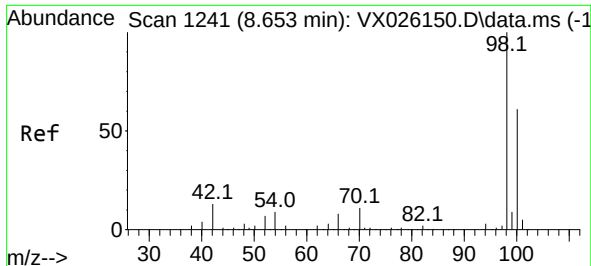
Tgt Ion: 41 Resp: 4154
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 50.2 75.2#



#49
1,4-Dioxane
Concen: 0.694 ug/l
RT: 7.787 min Scan# 1099
Delta R.T. 0.103 min
Lab File: VX026196.D
Acq: 31 Dec 2021 02:51

Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 0.0 51.8 77.6#

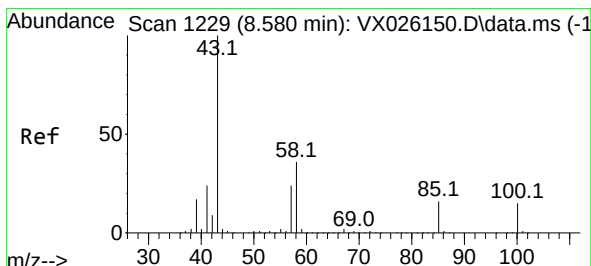
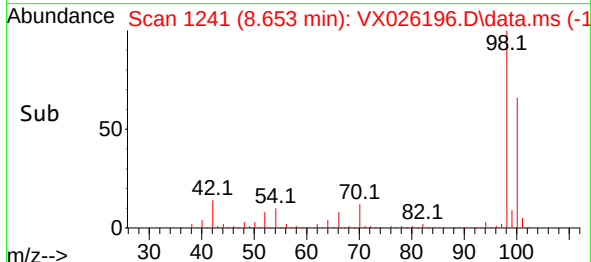
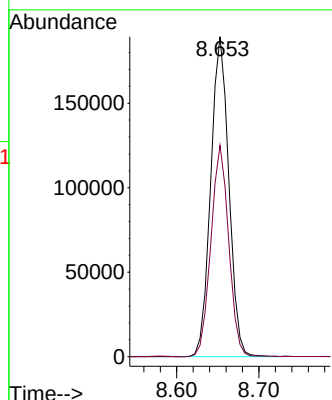
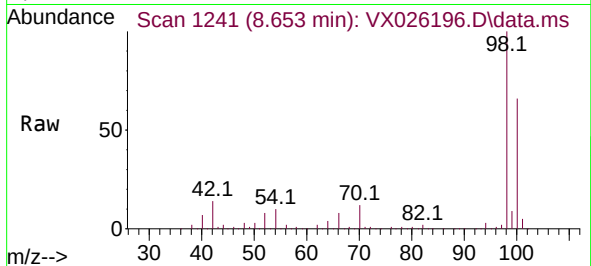




#50
Toluene-d8
Concen: 50.146 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026196.D
Acq: 31 Dec 2021 02:51

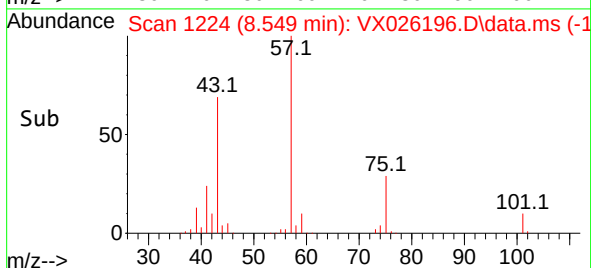
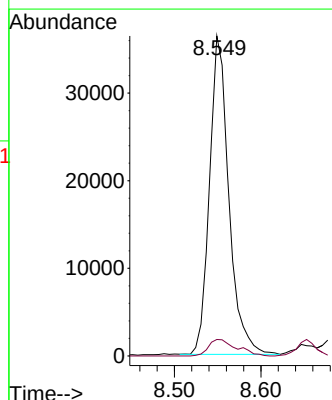
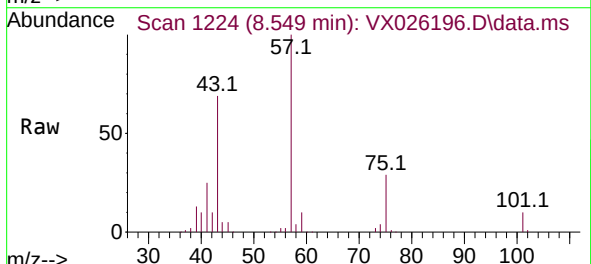
Instrument :
MSVOA_X
ClientSampleId :
PB141721TB

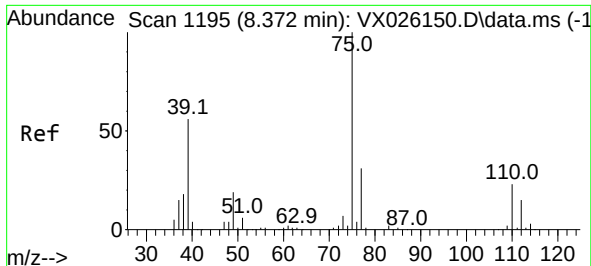
Tgt Ion: 98 Resp: 289339
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 19.150 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX026196.D
Acq: 31 Dec 2021 02:51

Tgt Ion: 43 Resp: 56343
Ion Ratio Lower Upper
43 100
58 7.5 30.8 46.2#

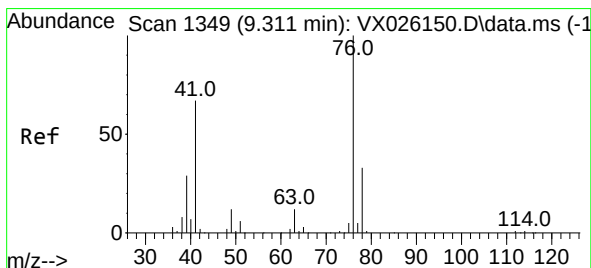
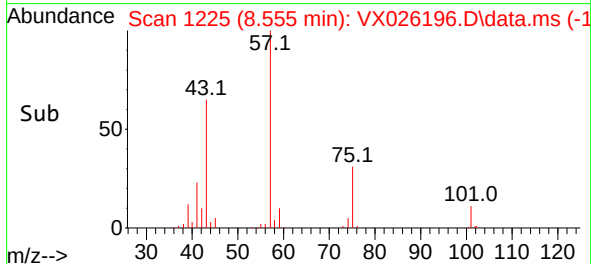
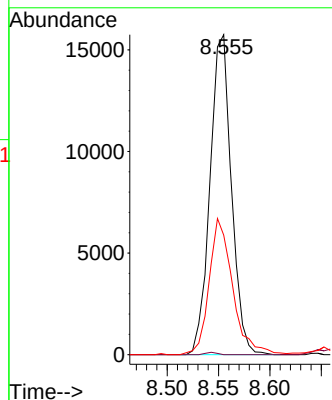
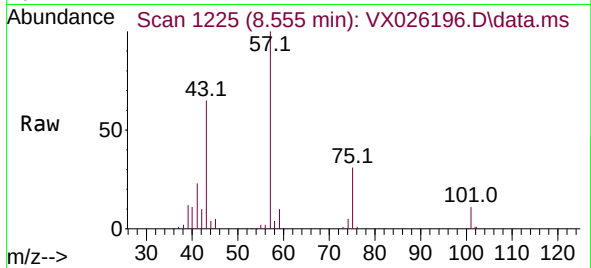




#54
 cis-1,3-Dichloropropene
 Concen: 7.826 ug/l
 RT: 8.555 min Scan# 1195
 Delta R.T. 0.183 min
 Lab File: VX026196.D
 Acq: 31 Dec 2021 02:51

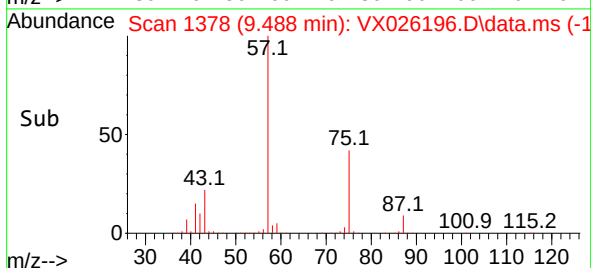
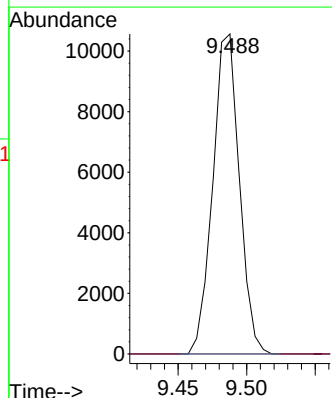
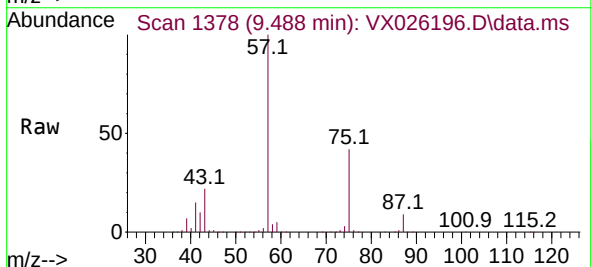
Instrument :
 MSVOA_X
 ClientSampleId :
 PB141721TB

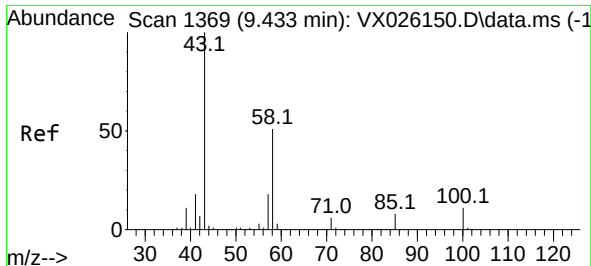
Tgt Ion: 75 Resp: 22797
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.3 37.9#
 39 37.3 41.4 62.0#



#57
 1,3-Dichloropropane
 Concen: 4.602 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX026196.D
 Acq: 31 Dec 2021 02:51

Tgt Ion: 76 Resp: 14241
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#





#59

2-Hexanone

Concen: 98.193 ug/l

RT: 9.488 min Scan# 11

Delta R.T. 0.055 min

Lab File: VX026196.D

Acq: 31 Dec 2021 02:51

Instrument :

MSVOA_X

ClientSampleId :

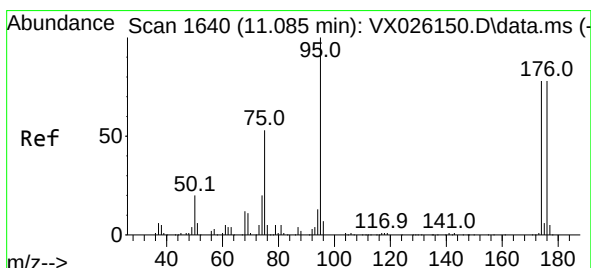
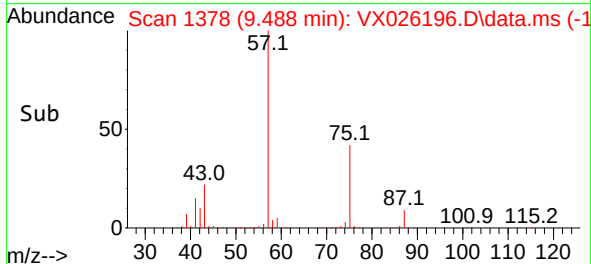
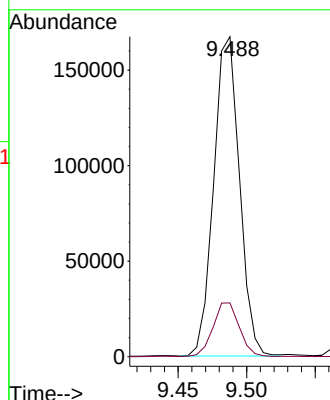
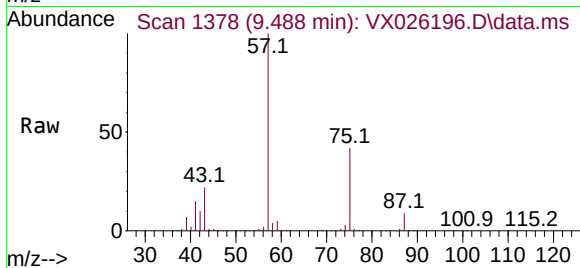
PB141721TB

Tgt Ion: 43 Resp: 218843

Ion Ratio Lower Upper

43 100

58 17.3 26.9 80.6#



#62

4-Bromofluorobenzene

Concen: 48.683 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX026196.D

Acq: 31 Dec 2021 02:51

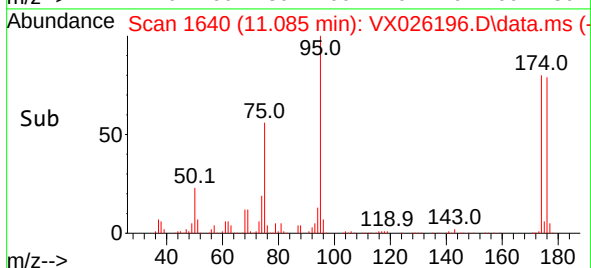
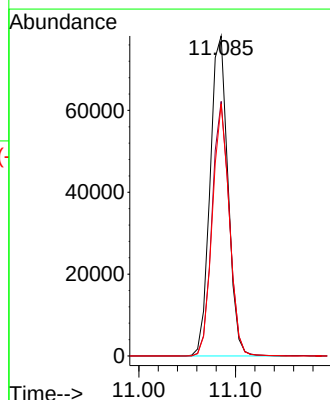
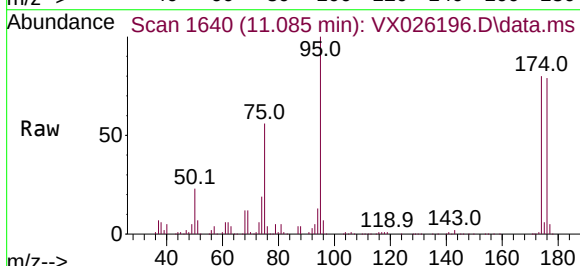
Tgt Ion: 95 Resp: 99995

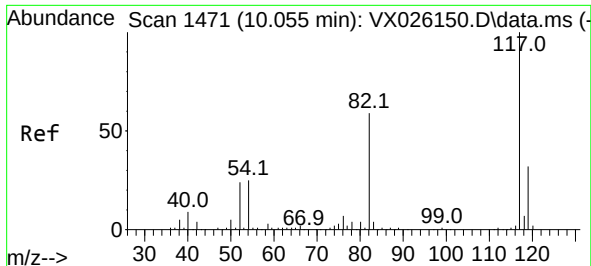
Ion Ratio Lower Upper

95 100

174 76.7 0.0 157.4

176 74.9 0.0 154.6

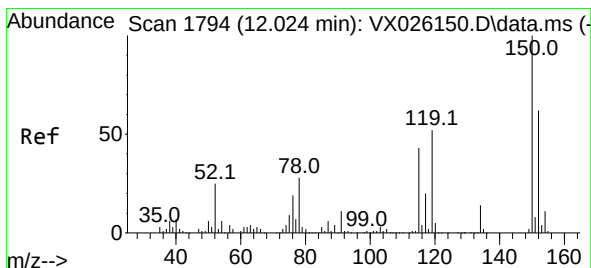
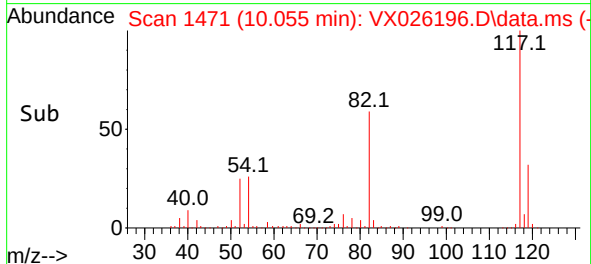
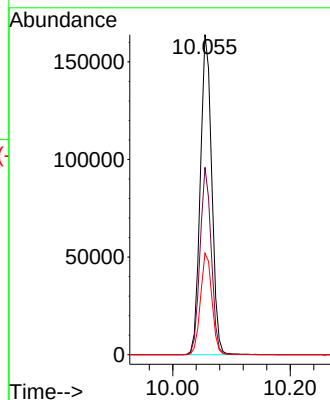
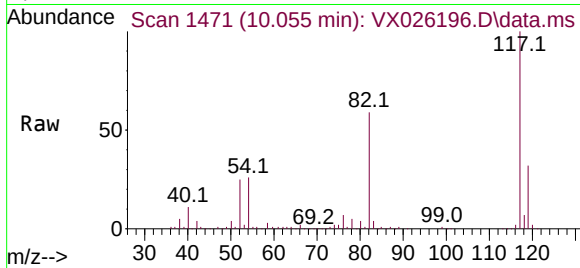




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026196.D
Acq: 31 Dec 2021 02:51

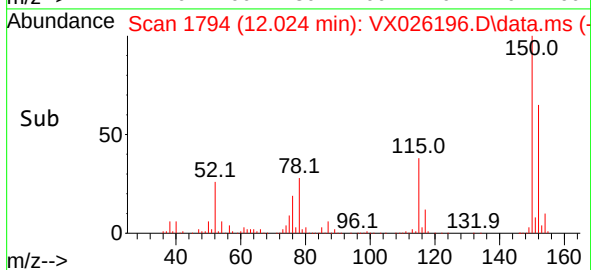
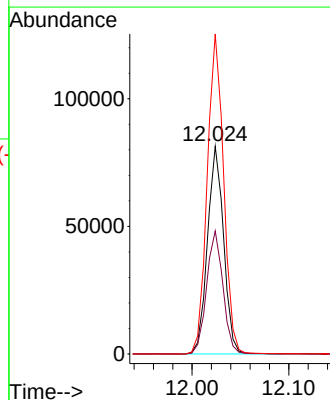
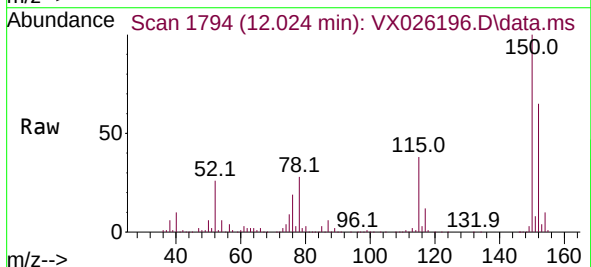
Instrument :
MSVOA_X
ClientSampleId :
PB141721TB

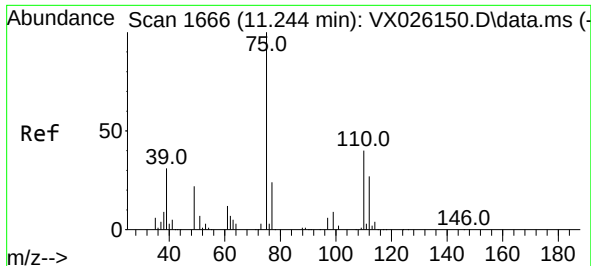
Tgt Ion:117 Resp: 221390
Ion Ratio Lower Upper
117 100
82 58.6 43.8 65.6
119 31.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026196.D
Acq: 31 Dec 2021 02:51

Tgt Ion:152 Resp: 94614
Ion Ratio Lower Upper
152 100
115 60.0 41.3 123.9
150 156.4 0.0 351.8

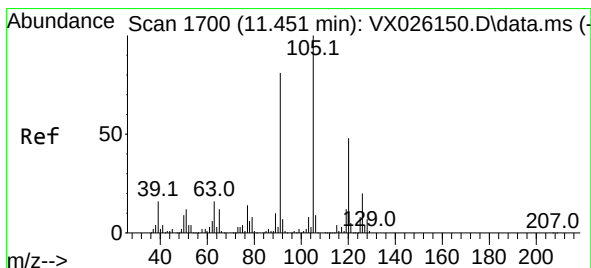
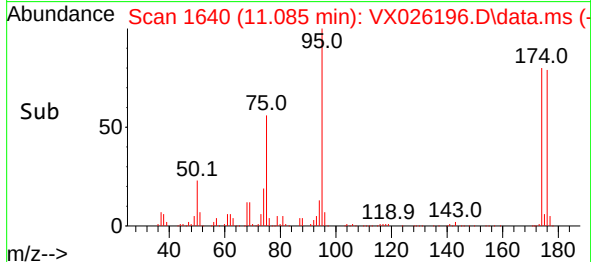
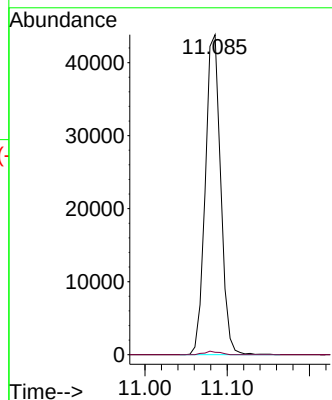
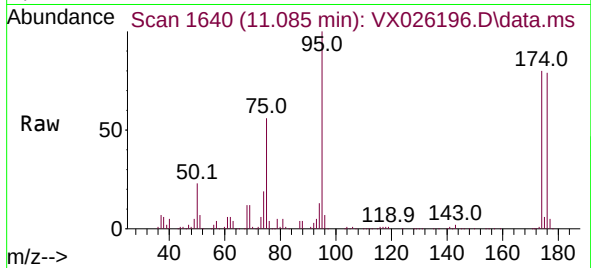




#76
1,2,3-Trichloropropane
Concen: 24.863 ug/l
RT: 11.085 min Scan# 110
Delta R.T. -0.159 min
Lab File: VX026196.D
Acq: 31 Dec 2021 02:51

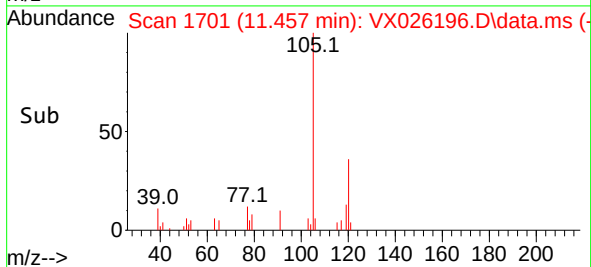
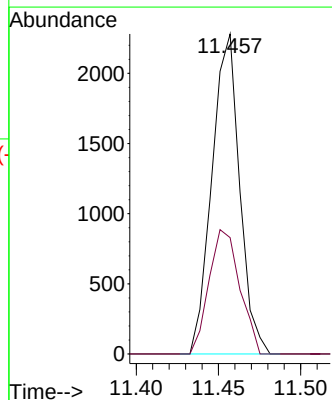
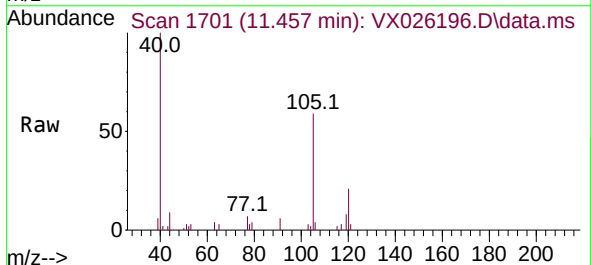
Instrument :
MSVOA_X
ClientSampleId :
PB141721TB

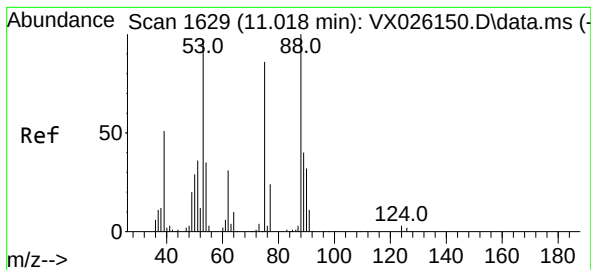
Tgt Ion: 75 Resp: 56780
Ion Ratio Lower Upper
75 100
77 1.1 19.0 57.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.437 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX026196.D
Acq: 31 Dec 2021 02:51

Tgt Ion: 105 Resp: 2670
Ion Ratio Lower Upper
105 100
120 43.1 24.9 74.7





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.928 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX026196.D
 Acq: 31 Dec 2021 02:51

Instrument :
 MSVOA_X
 ClientSampleId :
 PB141721TB

Tgt Ion: 75 Resp: 56780
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

