

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042225\
 Data File : VX045885.D
 Acq On : 22 Apr 2025 15:17
 Operator : JC/MD
 Sample : PB167661ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167661ZHE#06

Quant Time: Apr 23 01:34:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

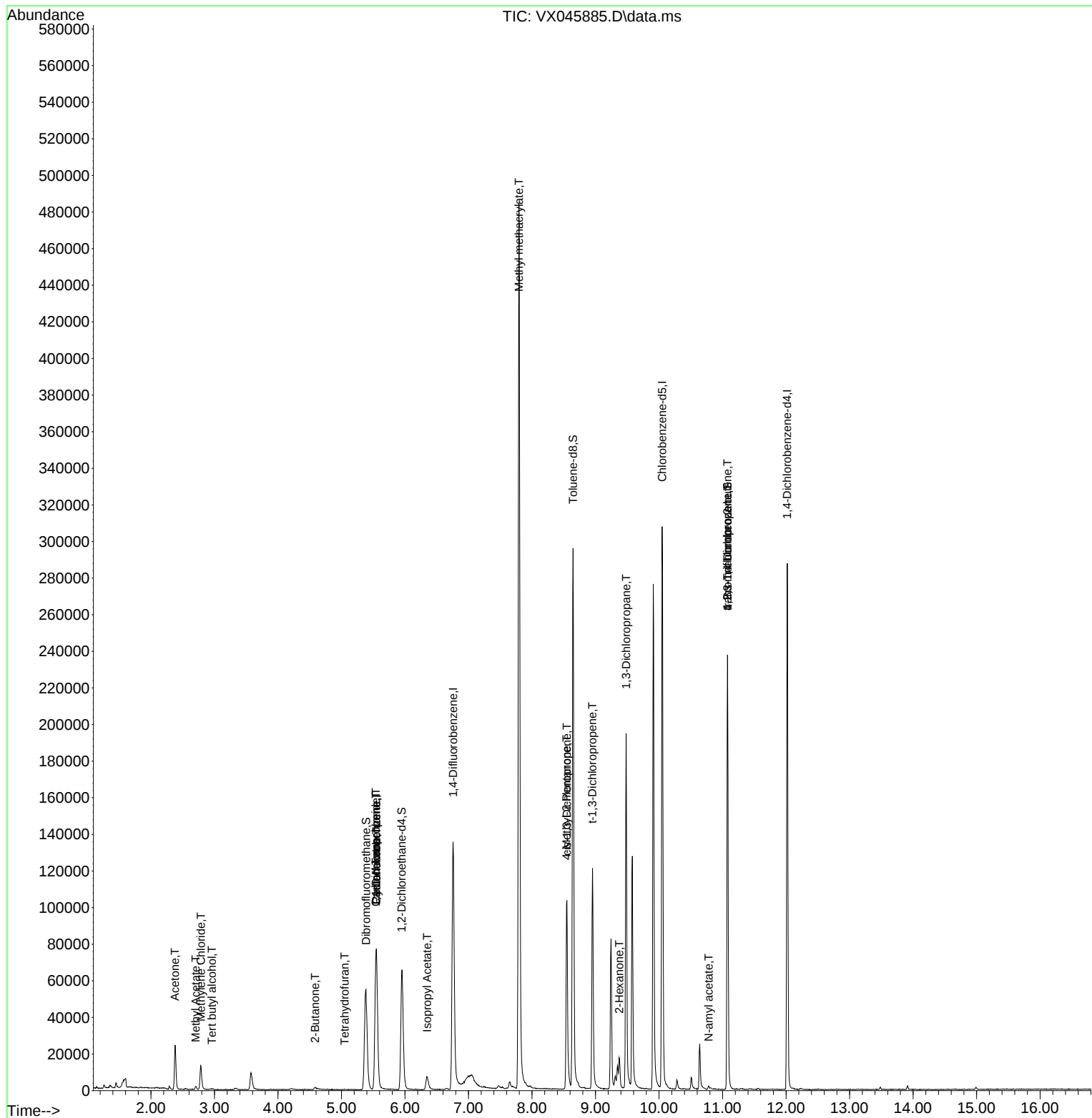
Internal Standards						
1) Pentafluorobenzene	5.550	168	67295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132980	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	66533	54.063	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.120%
35) Dibromofluoromethane	5.385	113	48199	51.086	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.180%
50) Toluene-d8	8.647	98	170263	51.702	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.400%
62) 4-Bromofluorobenzene	11.079	95	63814	53.199	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.400%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	464	2.805	ug/l #	72
16) Acetone	2.380	43	26495	52.430	ug/l	95
18) Methyl Acetate	2.703	43	2281	1.961	ug/l	94
20) Methylene Chloride	2.788	84	6198	6.551	ug/l	95
25) 2-Butanone	4.587	43	3233	4.371	ug/l	97
29) Tetrahydrofuran	5.050	42	148	0.309	ug/l #	35
31) Cyclohexane	5.550	56	1900	1.259	ug/l #	21
36) 1,1-Dichloropropene	5.544	75	6449	5.062	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8063	5.856	ug/l #	15
43) Isopropyl Acetate	6.348	43	11170	4.591	ug/l	98
48) Methyl methacrylate	7.793	41	47202	37.572	ug/l #	50
51) 4-Methyl-2-Pentanone	8.543	43	42242	26.189	ug/l #	52
53) t-1,3-Dichloropropene	8.952	75	261	2.463	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	15747	11.260	ug/l #	67
57) 1,3-Dichloropropane	9.482	76	1629	0.997	ug/l #	42
59) 2-Hexanone	9.372	43	15582	13.045	ug/l #	28
74) N-amyl acetate	10.781	43	1003	0.487	ug/l #	47
76) 1,2,3-Trichloropropane	11.079	75	37129	28.320	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37129	96.115	ug/l #	1

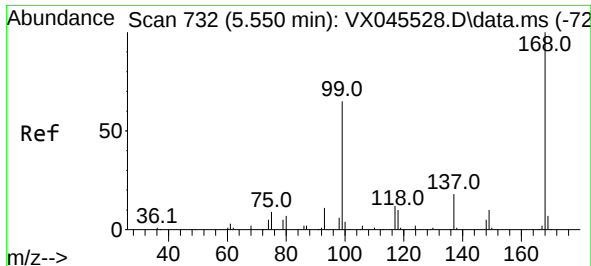
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX045885.D
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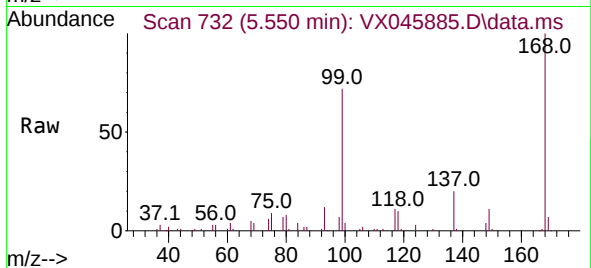
Quant Time: Apr 23 01:34:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



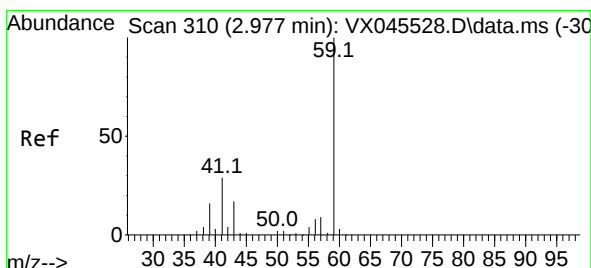
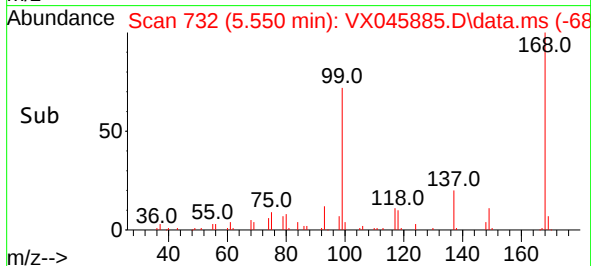
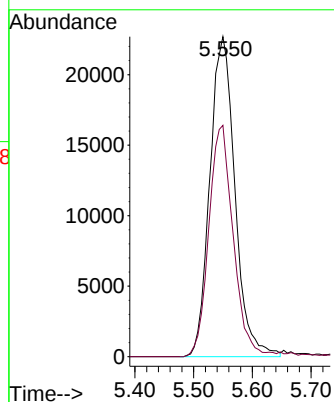


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045885.D
Acq: 22 Apr 2025 15:17

Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#06

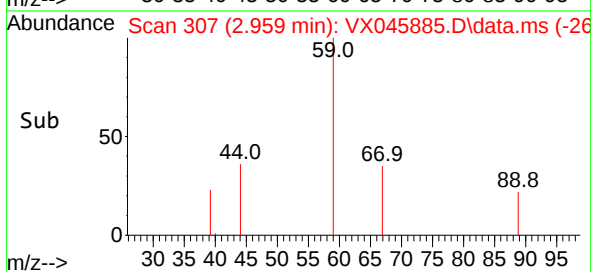
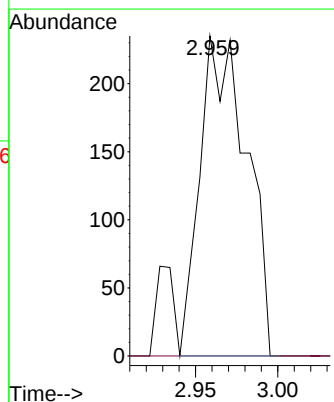
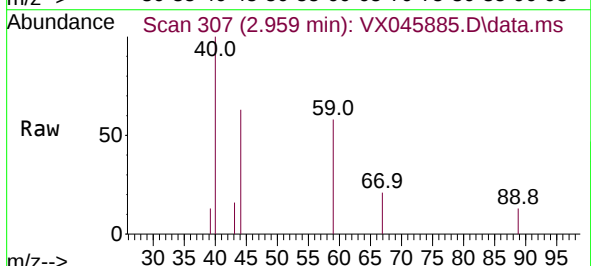


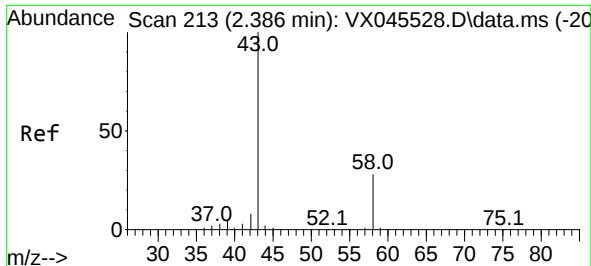
Tgt Ion:168 Resp: 67295
Ion Ratio Lower Upper
168 100
99 72.3 52.3 78.5



#11
Tert butyl alcohol
Concen: 2.805 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX045885.D
Acq: 22 Apr 2025 15:17

Tgt Ion: 59 Resp: 464
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

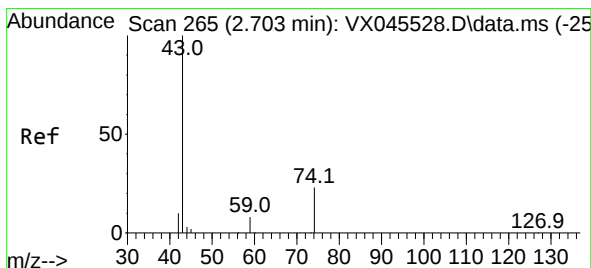
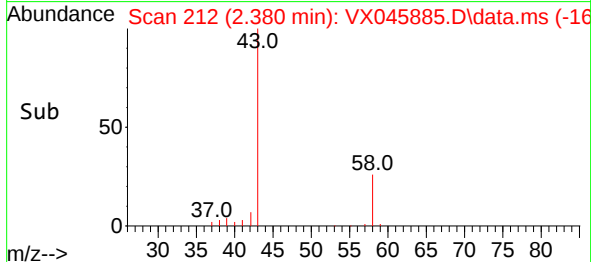
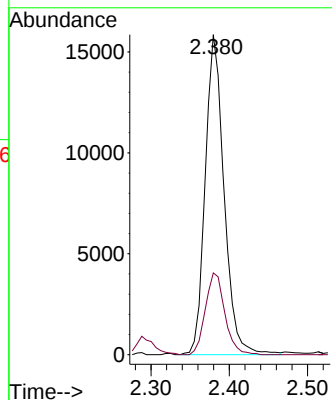
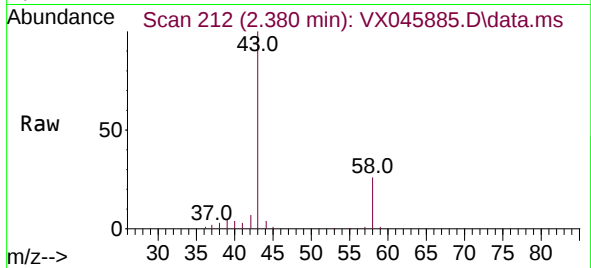




#16
Acetone
Concen: 52.430 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045885.D
Acq: 22 Apr 2025 15:17

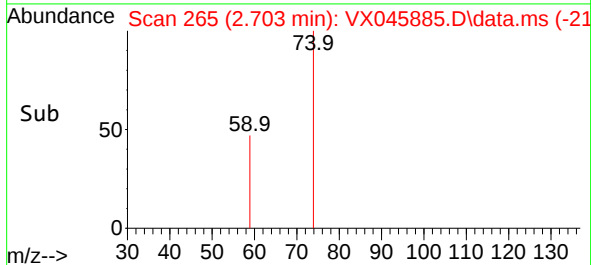
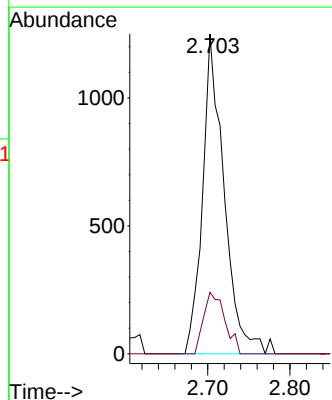
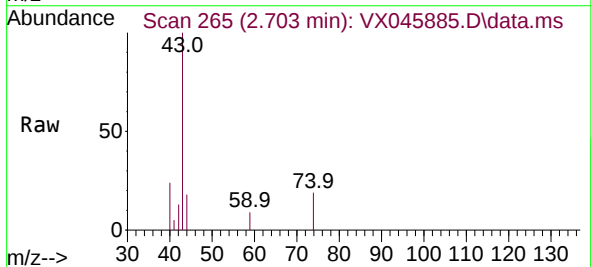
Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#06

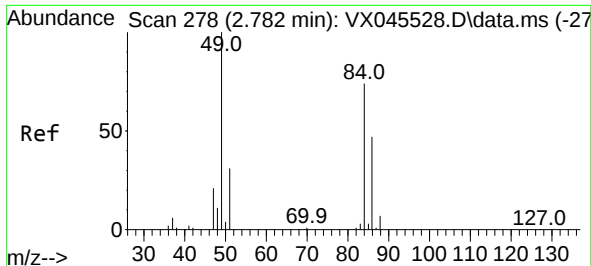
Tgt Ion: 43 Resp: 26495
Ion Ratio Lower Upper
43 100
58 25.5 22.3 33.5



#18
Methyl Acetate
Concen: 1.961 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045885.D
Acq: 22 Apr 2025 15:17

Tgt Ion: 43 Resp: 2281
Ion Ratio Lower Upper
43 100
74 19.0 17.5 26.3

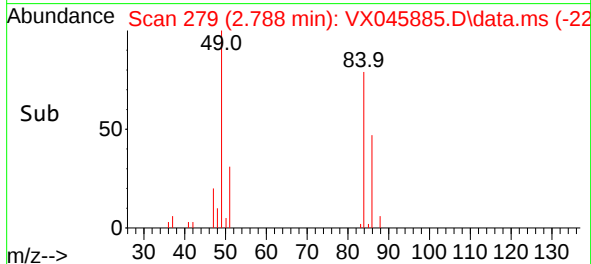
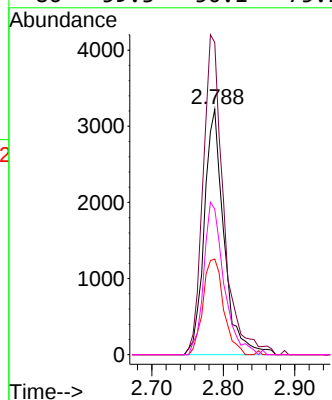
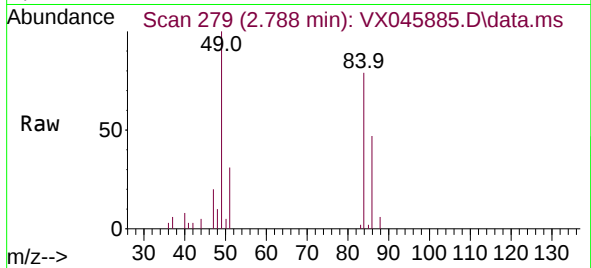




#20
Methylene Chloride
Concen: 6.551 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045885.D
Acq: 22 Apr 2025 15:17

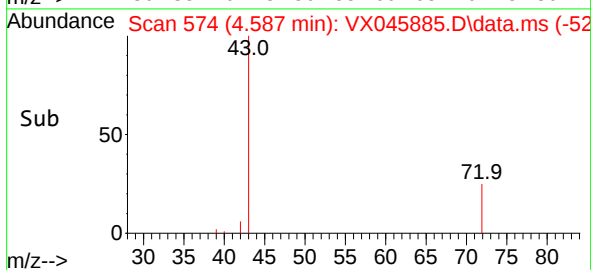
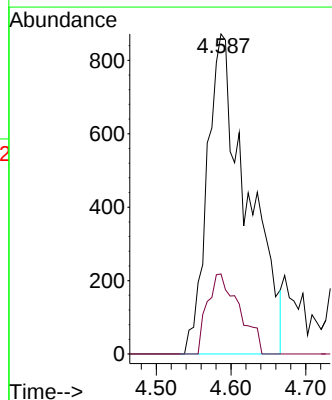
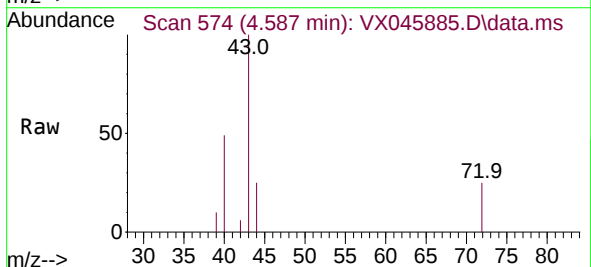
Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#06

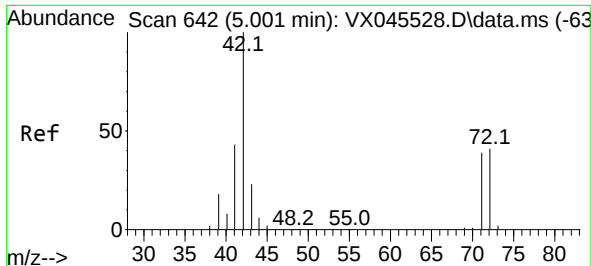
Tgt Ion:	84	Resp:	6198
Ion	Ratio	Lower	Upper
84	100		
49	127.3	107.5	161.3
51	39.0	33.0	49.6
86	59.3	50.1	75.1



#25
2-Butanone
Concen: 4.371 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX045885.D
Acq: 22 Apr 2025 15:17

Tgt Ion:	43	Resp:	3233
Ion	Ratio	Lower	Upper
43	100		
72	25.0	18.6	28.0





#29

Tetrahydrofuran

Concen: 0.309 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.049 min

Lab File: VX045885.D

Acq: 22 Apr 2025 15:17

Instrument :

MSVOA_X

ClientSampleId :

PB167661ZHE#06

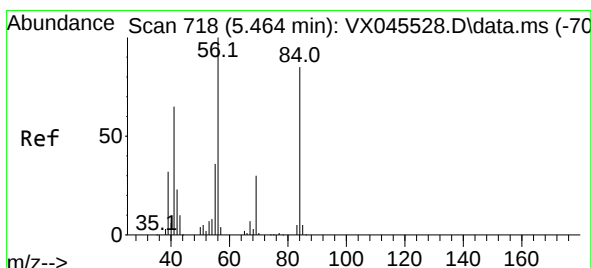
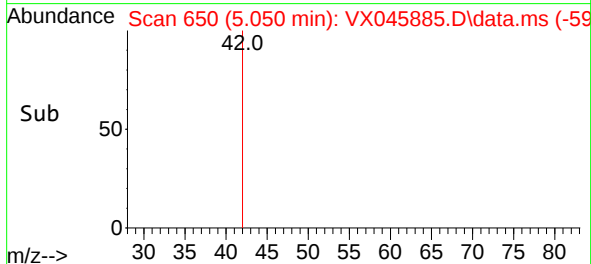
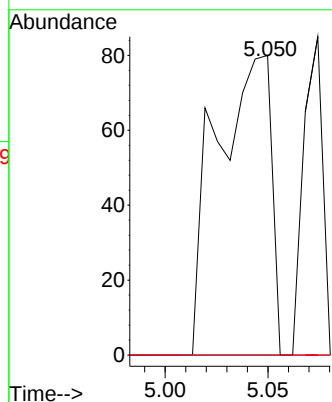
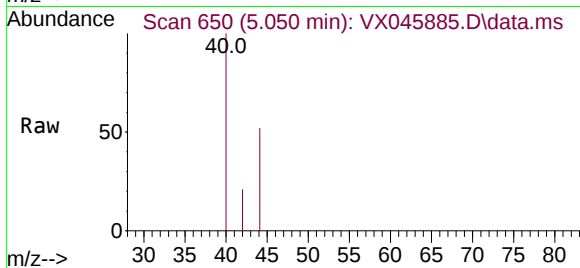
Tgt Ion: 42 Resp: 148

Ion Ratio Lower Upper

42 100

72 0.0 33.4 50.0#

71 0.0 31.4 47.0#



#31

Cyclohexane

Concen: 1.259 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX045885.D

Acq: 22 Apr 2025 15:17

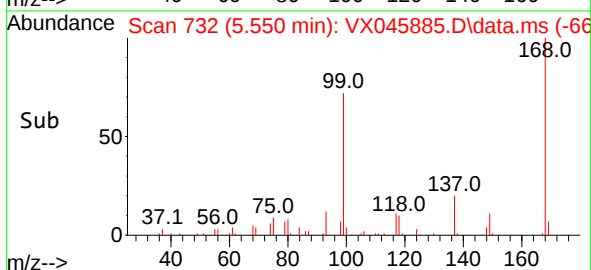
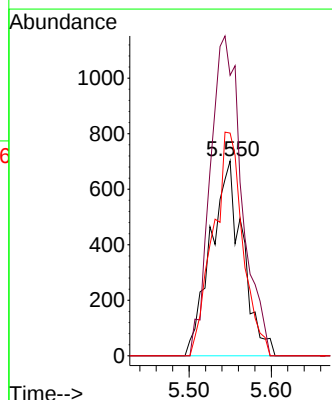
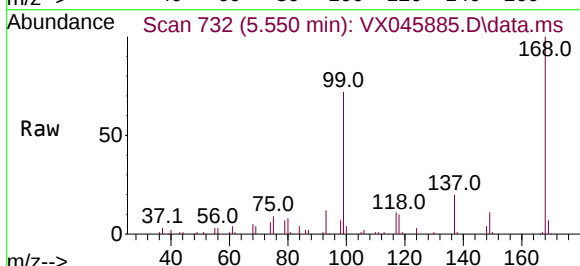
Tgt Ion: 56 Resp: 1900

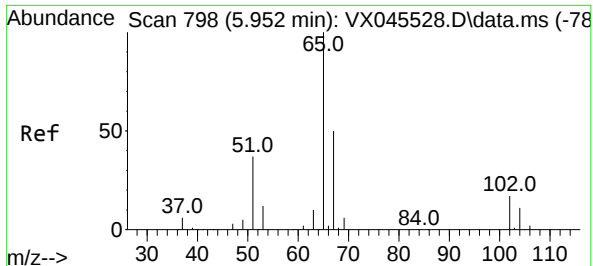
Ion Ratio Lower Upper

56 100

69 143.9 23.6 35.4#

84 114.2 67.7 101.5#





#33

1,2-Dichloroethane-d4

Concen: 54.063 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045885.D

Acq: 22 Apr 2025 15:17

Instrument :

MSVOA_X

ClientSampleId :

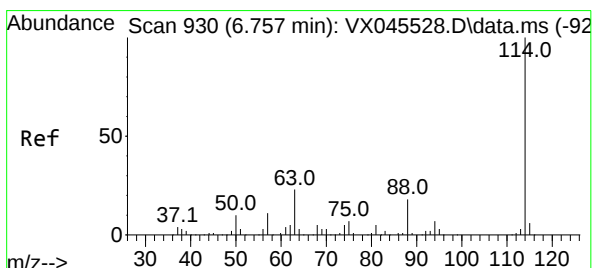
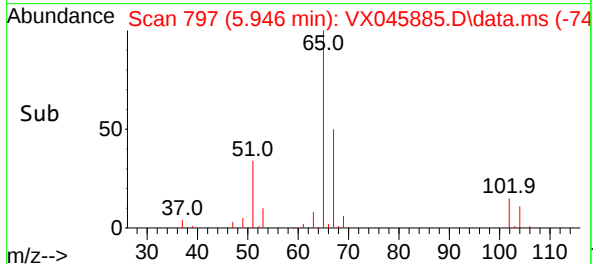
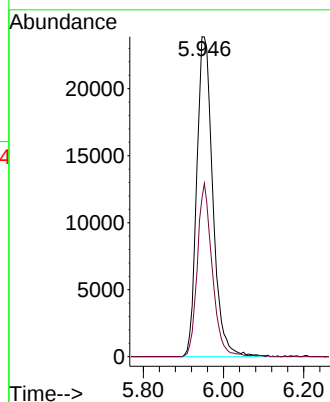
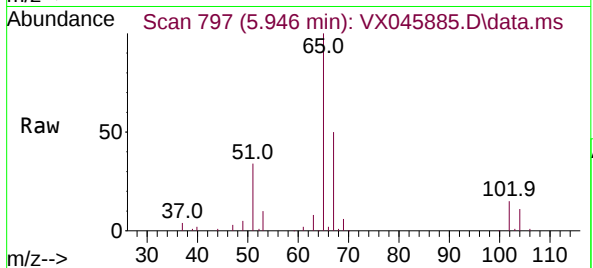
PB167661ZHE#06

Tgt Ion: 65 Resp: 66533

Ion Ratio Lower Upper

65 100

67 50.0 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045885.D

Acq: 22 Apr 2025 15:17

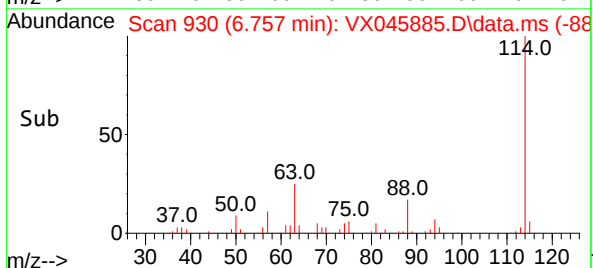
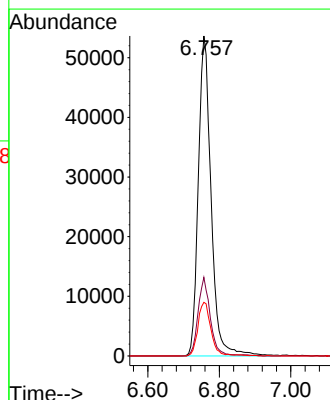
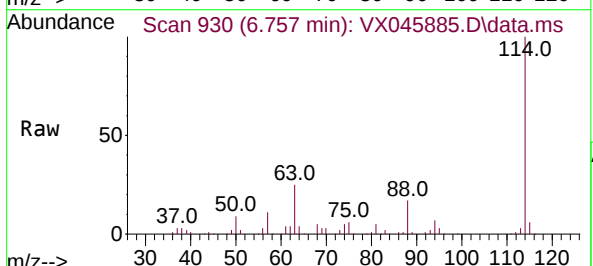
Tgt Ion: 114 Resp: 132980

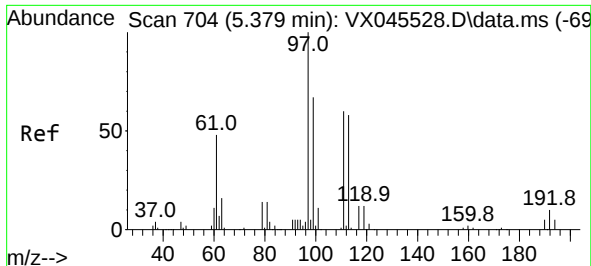
Ion Ratio Lower Upper

114 100

63 24.6 0.0 46.8

88 16.7 0.0 35.4

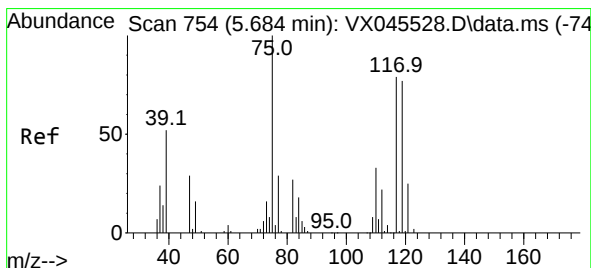
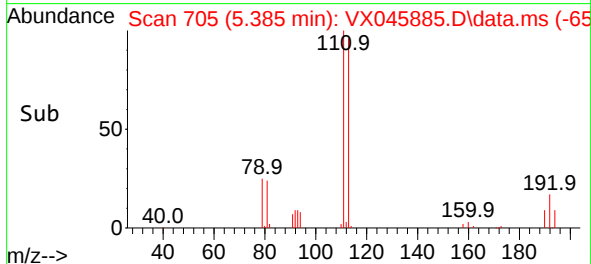
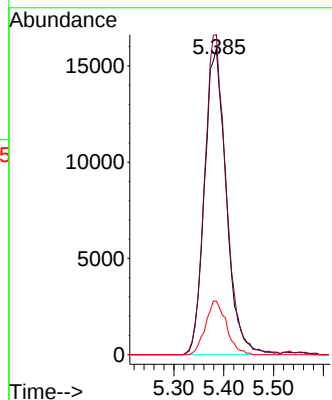
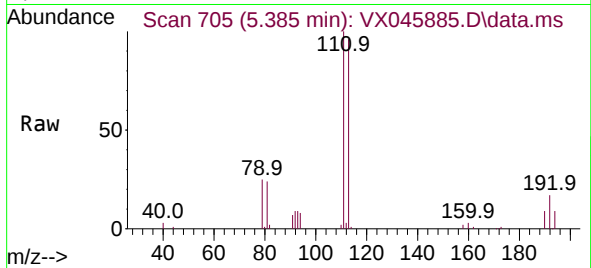




#35
Dibromofluoromethane
Concen: 51.086 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045885.D
Acq: 22 Apr 2025 15:17

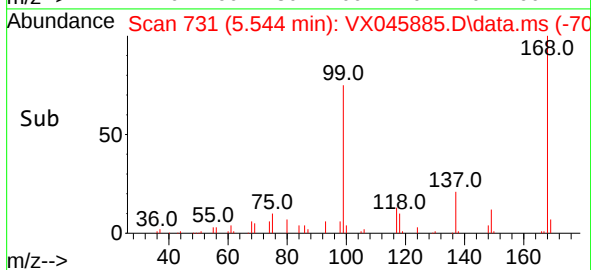
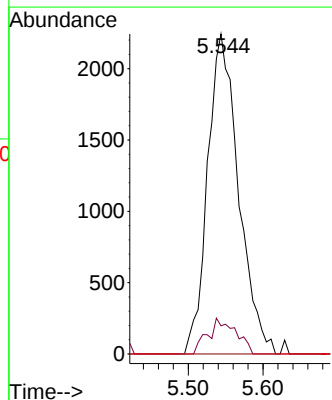
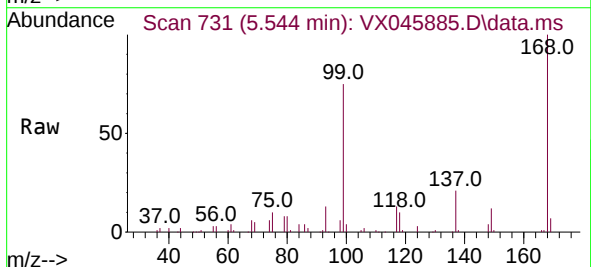
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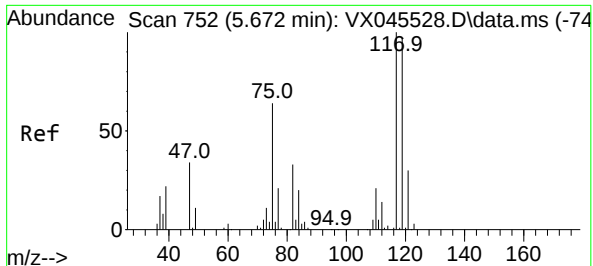
Tgt Ion:113 Resp: 48199
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 16.9 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.062 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045885.D
Acq: 22 Apr 2025 15:17

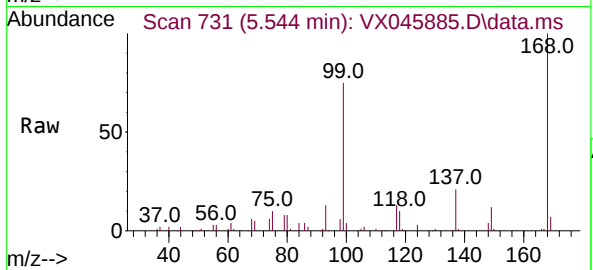
Tgt Ion: 75 Resp: 6449
Ion Ratio Lower Upper
75 100
110 10.1 16.9 50.6#
77 0.0 25.0 37.4#



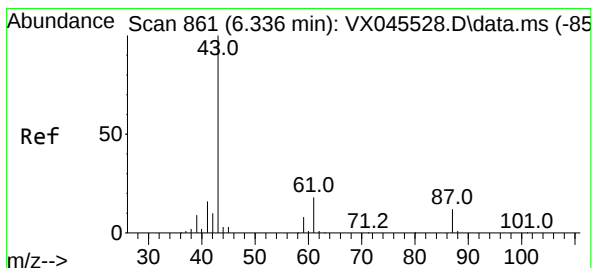
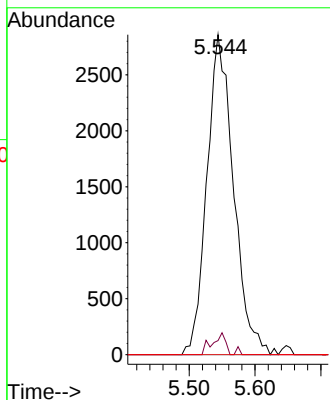
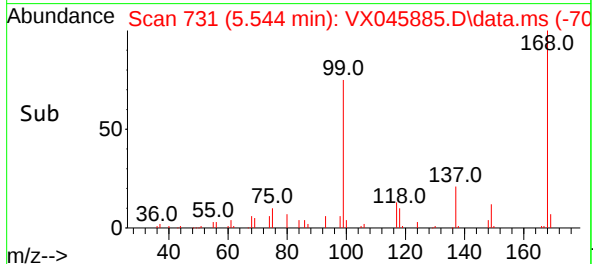


#38
Carbon Tetrachloride
Concen: 5.856 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045885.D
Acq: 22 Apr 2025 15:17

Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#06

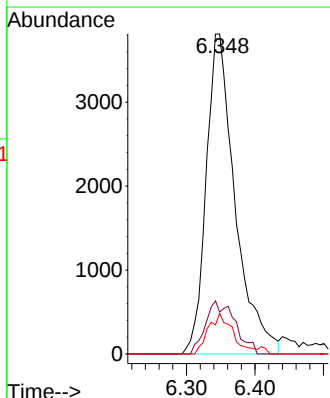
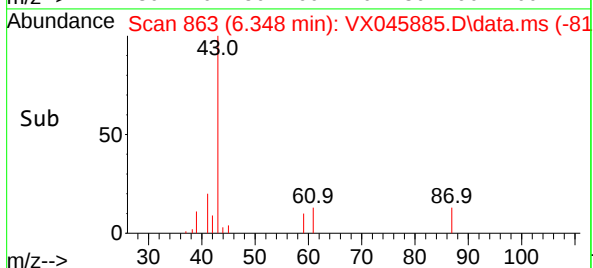
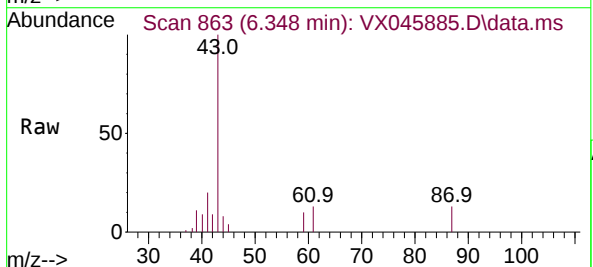


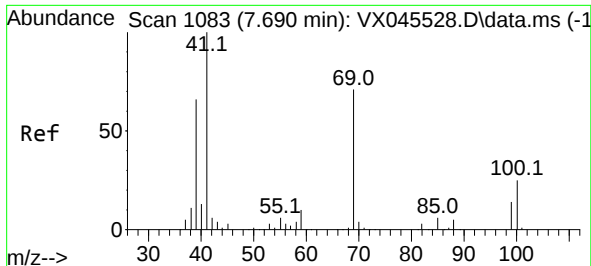
Tgt Ion:117 Resp: 8063
Ion Ratio Lower Upper
117 100
119 4.4 76.9 115.3#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 4.591 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045885.D
Acq: 22 Apr 2025 15:17

Tgt Ion: 43 Resp: 11170
Ion Ratio Lower Upper
43 100
61 16.9 14.1 21.1
87 10.8 9.2 13.8

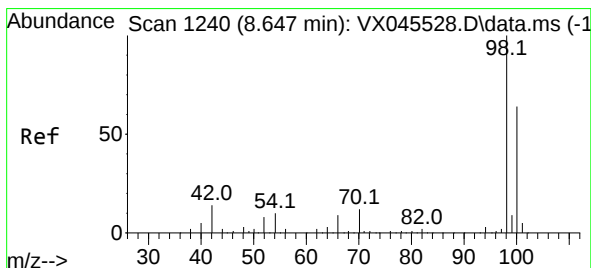
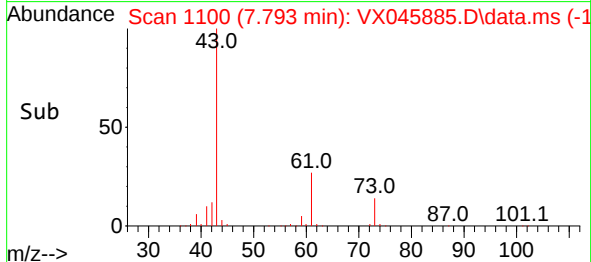
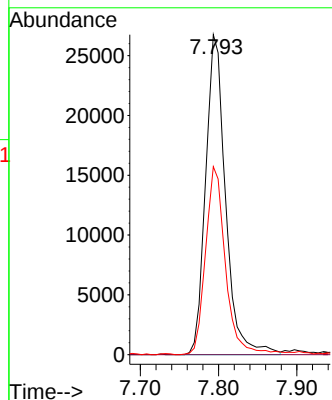
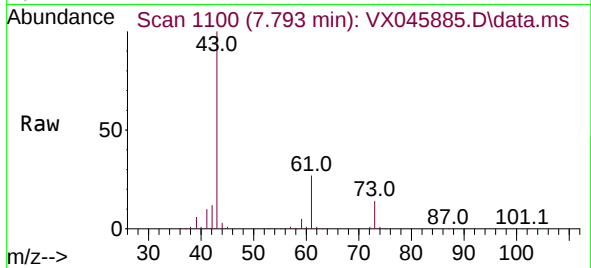




#48
Methyl methacrylate
Concen: 37.572 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX045885.D
Acq: 22 Apr 2025 15:17

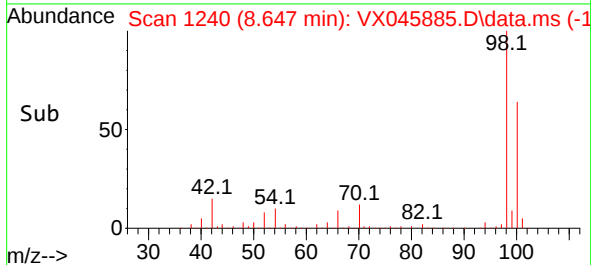
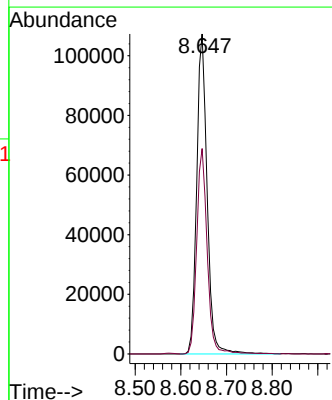
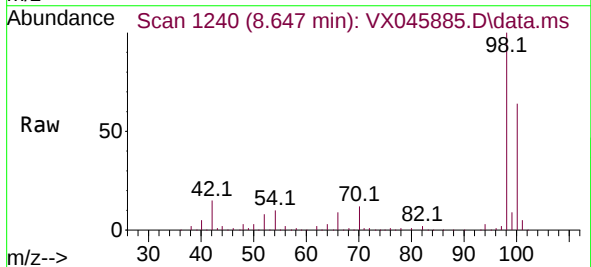
Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#06

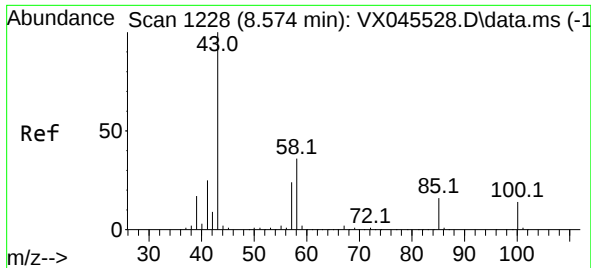
Tgt Ion: 41 Resp: 47202
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 58.8 53.6 80.4



#50
Toluene-d8
Concen: 51.702 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045885.D
Acq: 22 Apr 2025 15:17

Tgt Ion: 98 Resp: 170263
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4

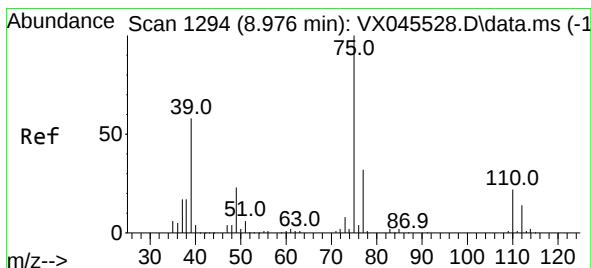
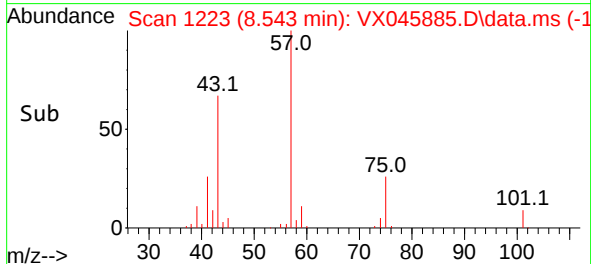
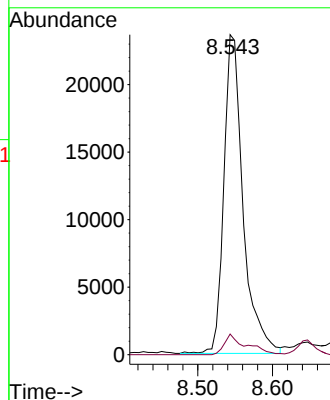
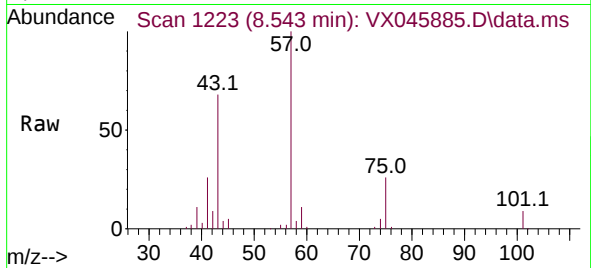




#51
4-Methyl-2-Pentanone
Concen: 26.189 ug/l
RT: 8.543 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX045885.D
Acq: 22 Apr 2025 15:17

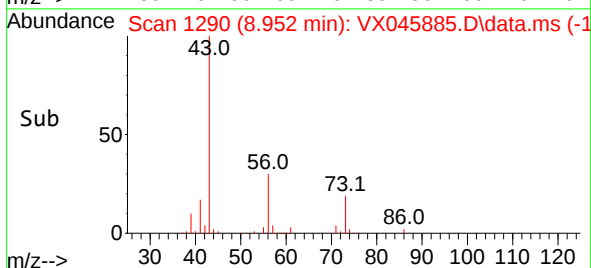
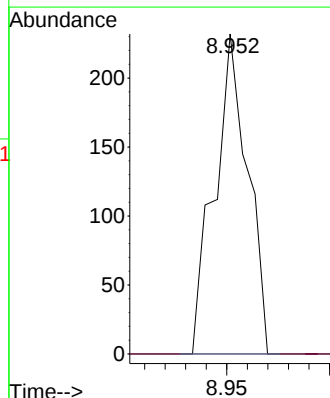
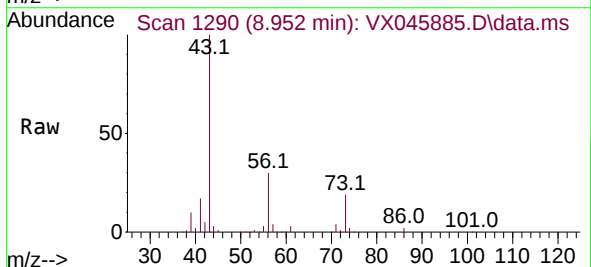
Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#06

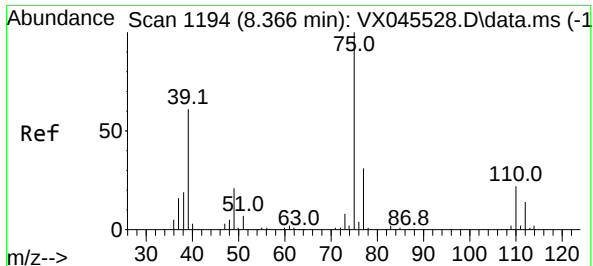
Tgt Ion: 43 Resp: 42242
Ion Ratio Lower Upper
43 100
58 7.5 28.5 42.7#



#53
t-1,3-Dichloropropene
Concen: 2.463 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX045885.D
Acq: 22 Apr 2025 15:17

Tgt Ion: 75 Resp: 261
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

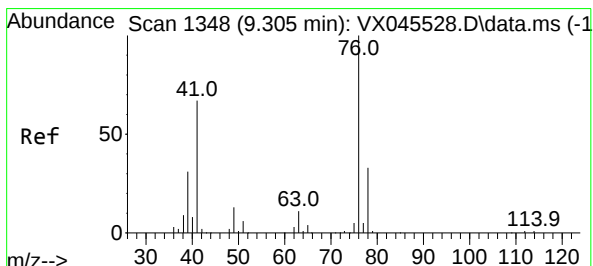
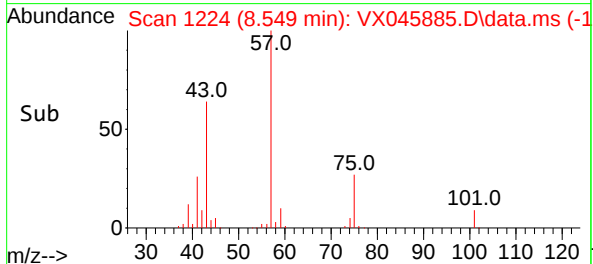
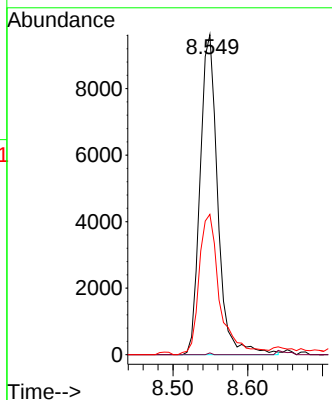
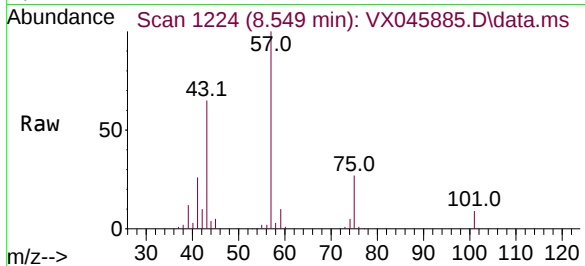




#54
 cis-1,3-Dichloropropene
 Concen: 11.260 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX045885.D
 Acq: 22 Apr 2025 15:17

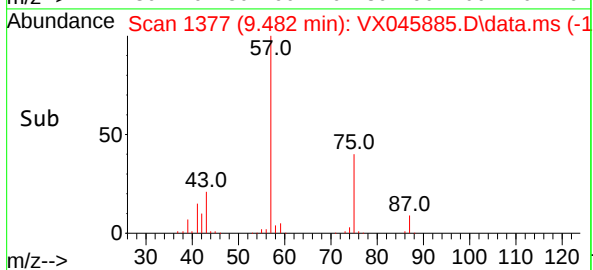
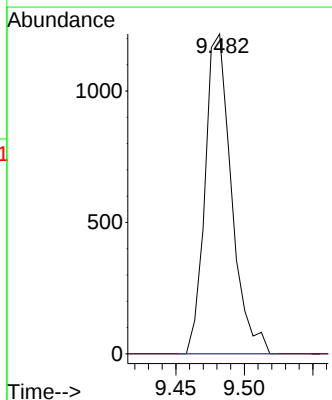
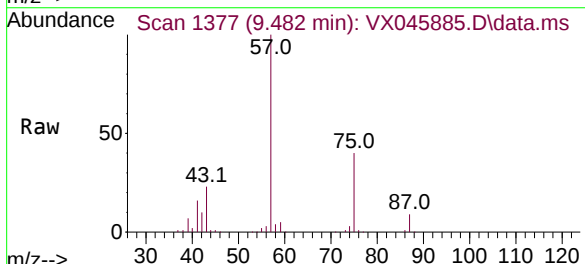
Instrument :
 MSVOA_X
 ClientSampleId :
 PB167661ZHE#06

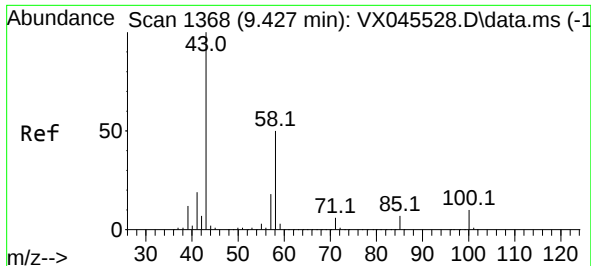
Tgt Ion: 75 Resp: 15747
 Ion Ratio Lower Upper
 75 100
 77 0.6 24.6 36.8#
 39 43.8 48.4 72.6#



#57
 1,3-Dichloropropane
 Concen: 0.997 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX045885.D
 Acq: 22 Apr 2025 15:17

Tgt Ion: 76 Resp: 1629
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#





#59

2-Hexanone

Concen: 13.045 ug/l

RT: 9.372 min Scan# 11

Delta R.T. -0.055 min

Lab File: VX045885.D

Acq: 22 Apr 2025 15:17

Instrument :

MSVOA_X

ClientSampleId :

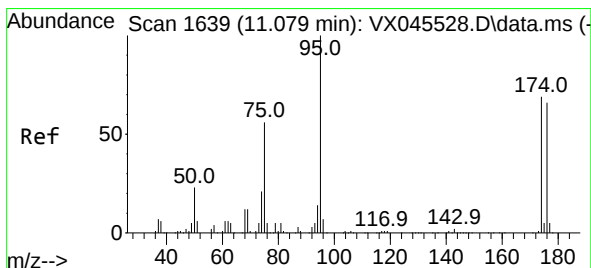
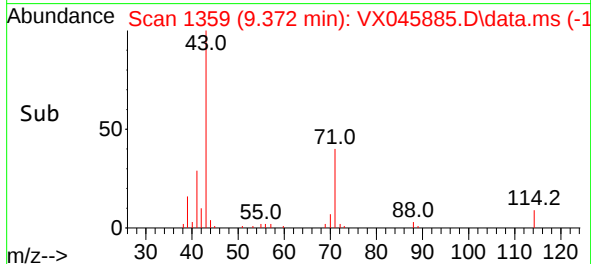
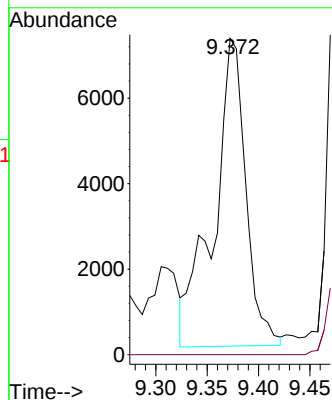
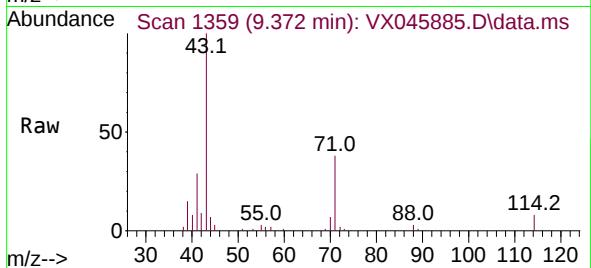
PB167661ZHE#06

Tgt Ion: 43 Resp: 15582

Ion Ratio Lower Upper

43 100

58 0.0 24.9 74.6#



#62

4-Bromofluorobenzene

Concen: 53.199 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045885.D

Acq: 22 Apr 2025 15:17

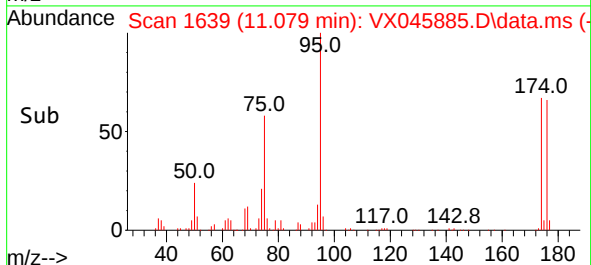
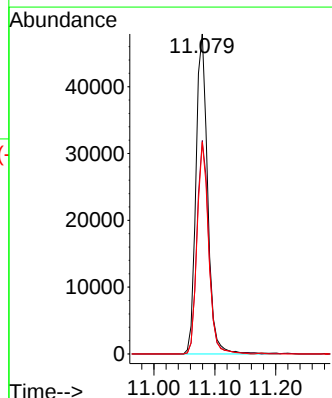
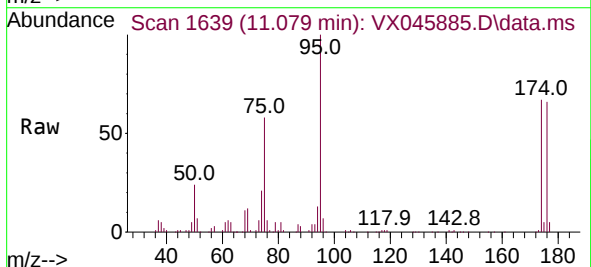
Tgt Ion: 95 Resp: 63814

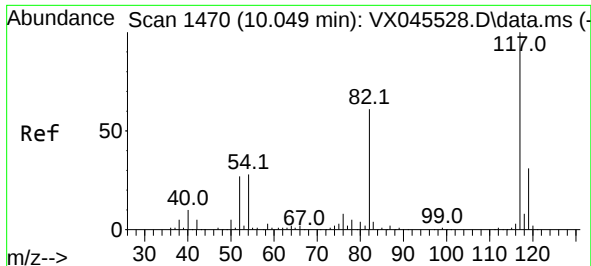
Ion Ratio Lower Upper

95 100

174 67.2 0.0 135.8

176 65.2 0.0 131.4

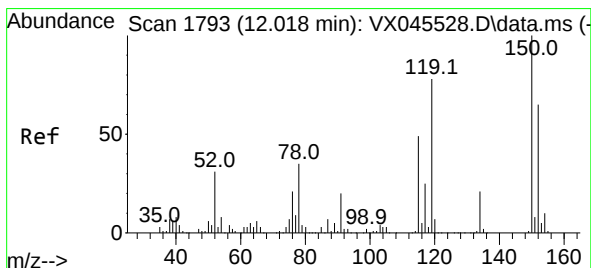
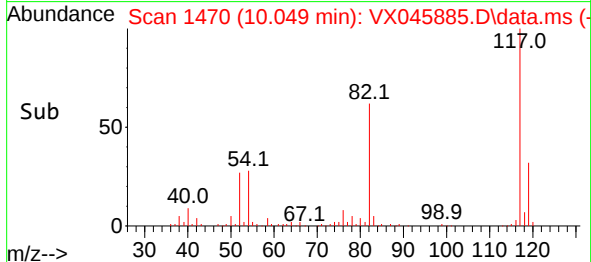
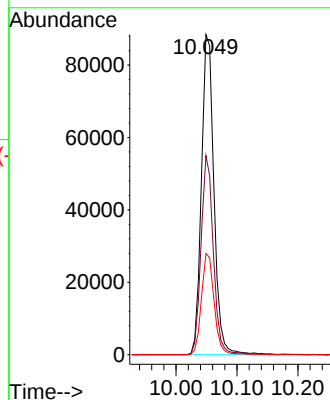
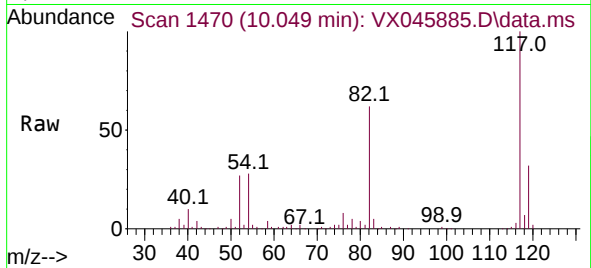




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045885.D
Acq: 22 Apr 2025 15:17

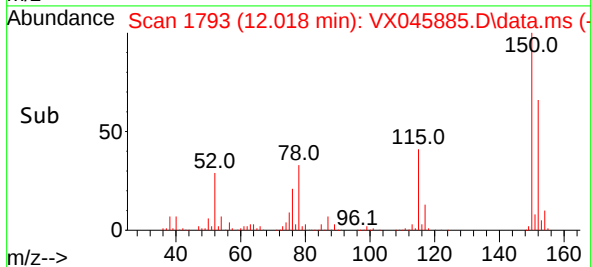
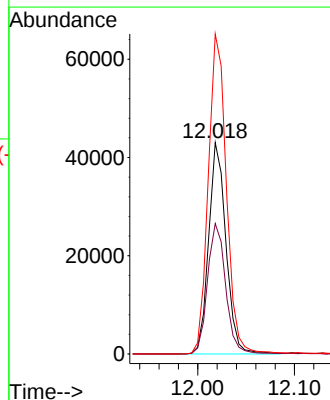
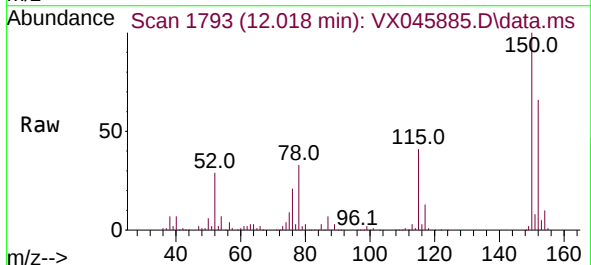
Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#06

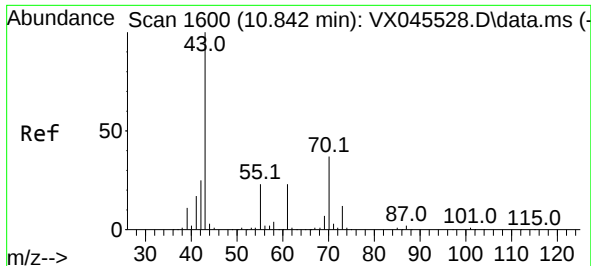
Tgt Ion:117 Resp: 126752
Ion Ratio Lower Upper
117 100
82 62.2 49.2 73.8
119 31.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045885.D
Acq: 22 Apr 2025 15:17

Tgt Ion:152 Resp: 53748
Ion Ratio Lower Upper
152 100
115 64.9 46.9 140.7
150 158.2 0.0 349.4

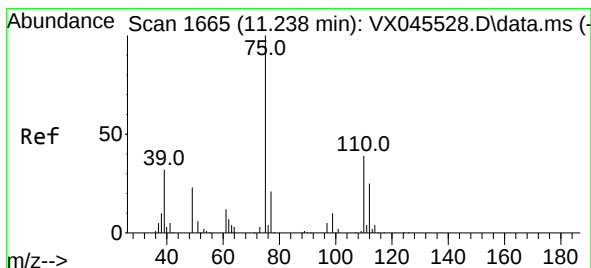
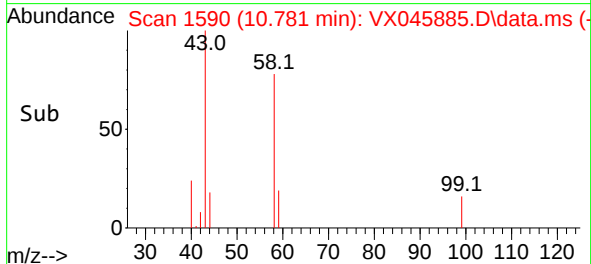
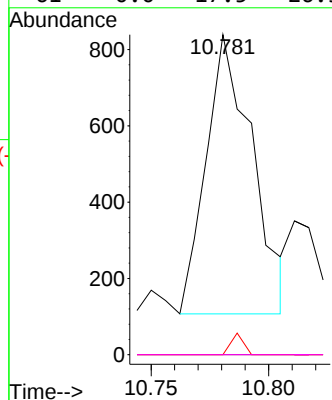
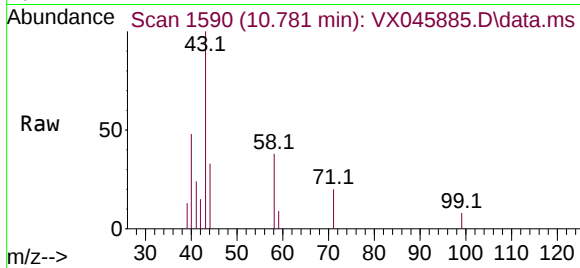




#74
N-amy1 acetate
Concen: 0.487 ug/l
RT: 10.781 min Scan# 11
Delta R.T. -0.061 min
Lab File: VX045885.D
Acq: 22 Apr 2025 15:17

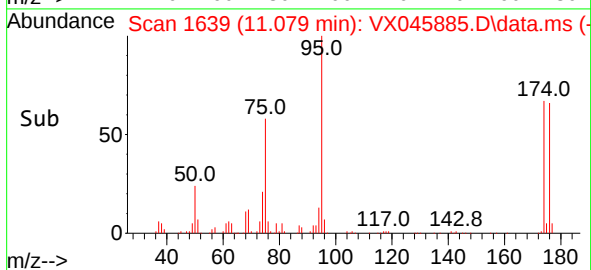
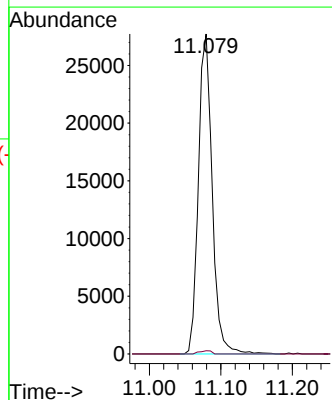
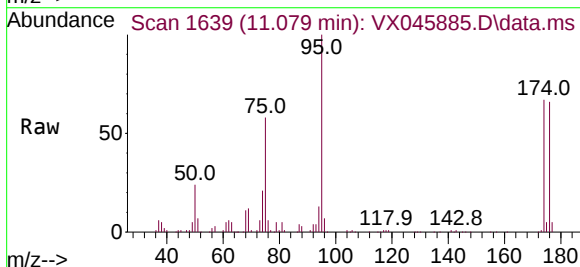
Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#06

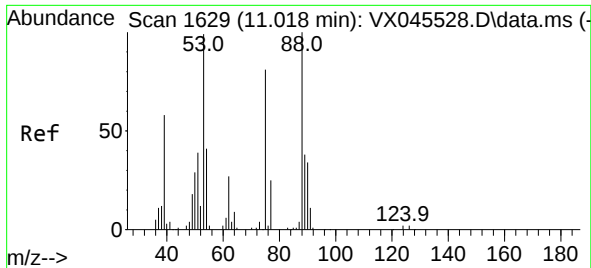
Tgt Ion:	43	Resp:	1003
Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.1	45.1#
55	2.1	18.3	27.5#
61	0.0	17.5	26.3#



#76
1,2,3-Trichloropropane
Concen: 28.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045885.D
Acq: 22 Apr 2025 15:17

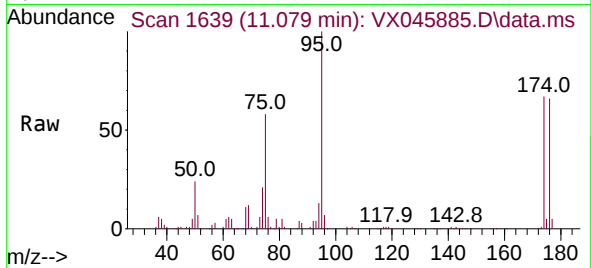
Tgt Ion:	75	Resp:	37129
Ion	Ratio	Lower	Upper
75	100		
77	0.9	20.0	59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.115 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045885.D
 Acq: 22 Apr 2025 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167661ZHE#06



Tgt Ion: 75 Resp: 37129
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.1 37.2 55.8#

