

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032725\
 Data File : VX045487.D
 Acq On : 27 Mar 2025 19:03
 Operator : JC/MD
 Sample : P167330ZHE#11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P167330ZHE#11

Quant Time: Mar 28 01:37:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

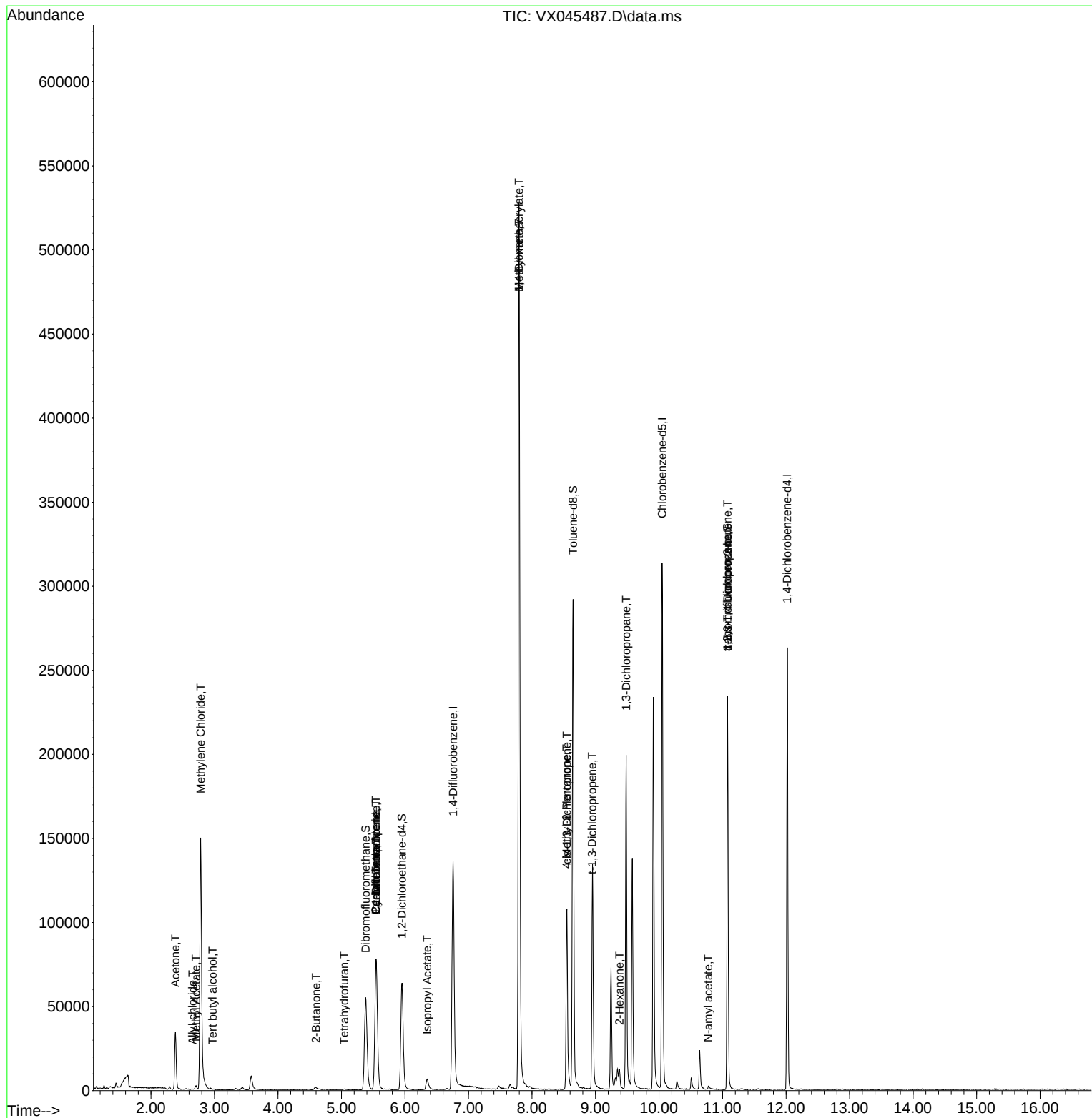
Internal Standards						
1) Pentafluorobenzene	5.544	168	67620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62995	58.568	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.140%			
35) Dibromofluoromethane	5.379	113	46766	53.273	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.540%			
50) Toluene-d8	8.647	98	169061	53.122	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.240%			
62) 4-Bromofluorobenzene	11.079	95	59261	56.194	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.380%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	319	1.566	ug/l #	73
14) Allyl chloride	2.654	41	373	0.252	ug/l #	51
16) Acetone	2.386	43	38974	78.097	ug/l	94
18) Methyl Acetate	2.709	43	2975	2.478	ug/l	91
20) Methylene Chloride	2.782	84	69886	70.696	ug/l	99
25) 2-Butanone	4.599	43	3397	4.522	ug/l	93
29) Tetrahydrofuran	5.044	42	293	0.581	ug/l #	42
31) Cyclohexane	5.544	56	2102	1.436	ug/l #	5
36) 1,1-Dichloropropene	5.544	75	6583	5.468	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7713	6.311	ug/l #	15
43) Isopropyl Acetate	6.348	43	9851	4.294	ug/l #	94
48) Methyl methacrylate	7.793	41	51337	44.609	ug/l #	48
49) 1,4-Dioxane	7.793	88	19	0.783	ug/l #	1
51) 4-Methyl-2-Pentanone	8.543	43	42141	27.360	ug/l #	51
53) t-1,3-Dichloropropene	8.946	75	257	0.227	ug/l #	42
54) cis-1,3-Dichloropropene	8.549	75	16601	12.567	ug/l #	77
57) 1,3-Dichloropropane	9.482	76	1612	1.014	ug/l #	43
59) 2-Hexanone	9.378	43	8129	7.284	ug/l #	26
74) N-amyl acetate	10.774	43	1461	0.844	ug/l #	47
76) 1,2,3-Trichloropropane	11.079	75	34297	31.161	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34297	106.637	ug/l #	6

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

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Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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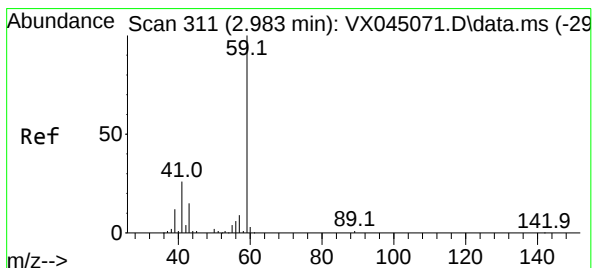
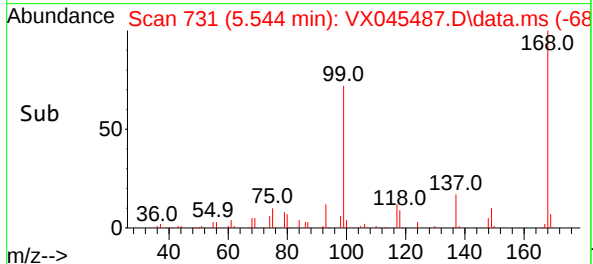
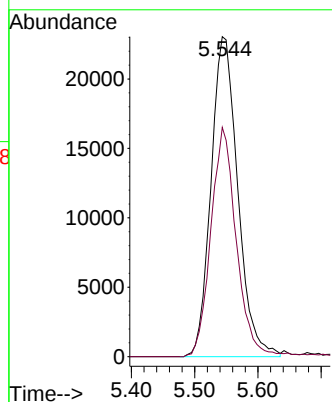
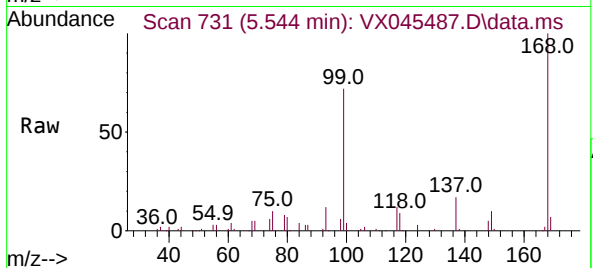




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

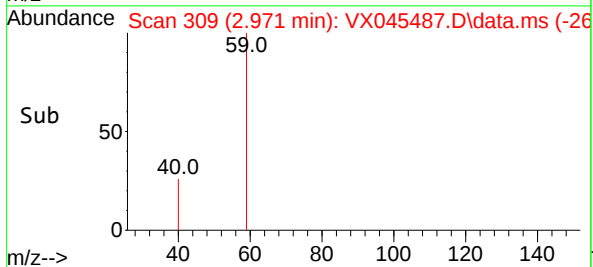
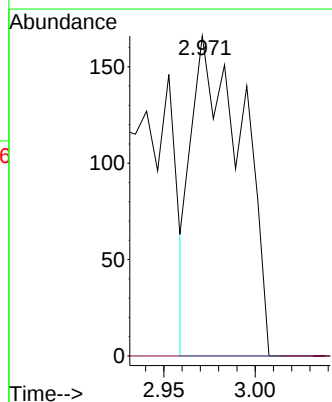
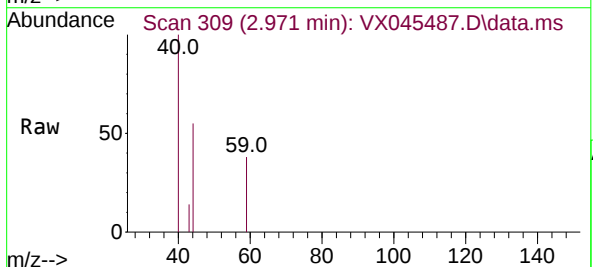
Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#11

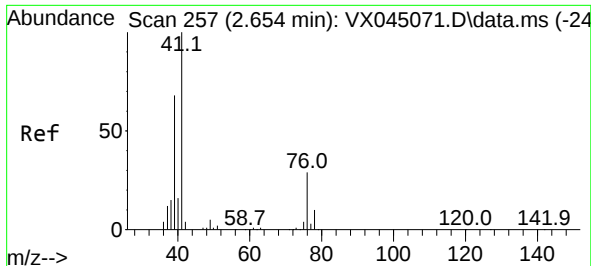
Tgt Ion:168 Resp: 67620
Ion Ratio Lower Upper
168 100
99 71.7 48.2 72.4



#11
Tert butyl alcohol
Concen: 1.566 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

Tgt Ion: 59 Resp: 319
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

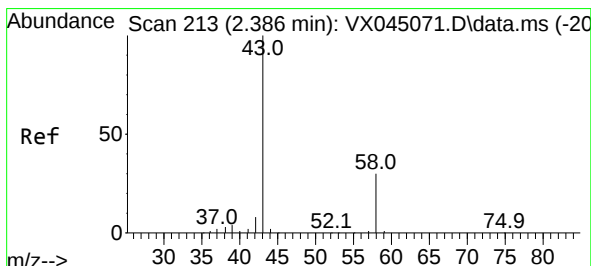
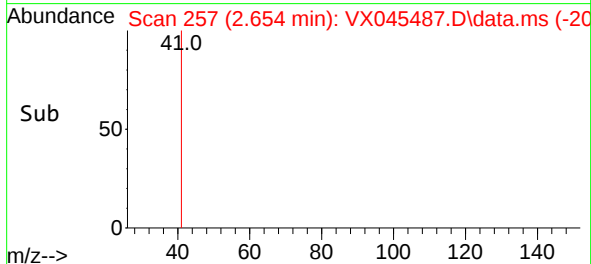
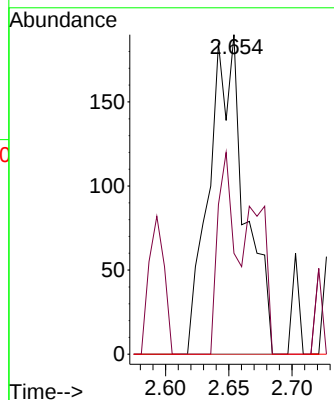
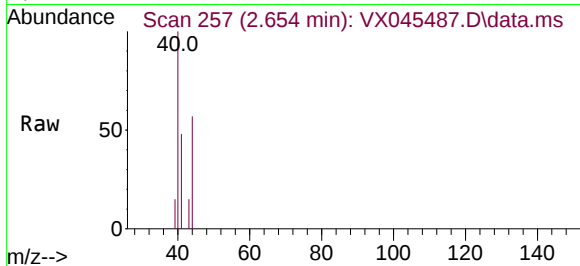




#14
 Allyl chloride
 Concen: 0.252 ug/l
 RT: 2.654 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VX045487.D
 Acq: 27 Mar 2025 19:03

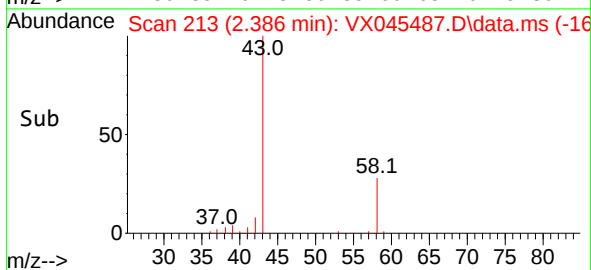
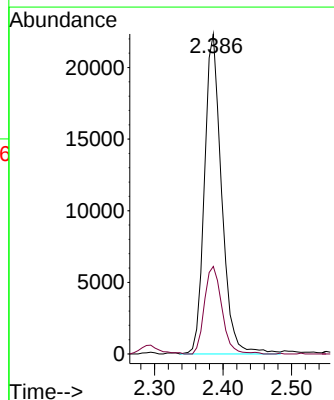
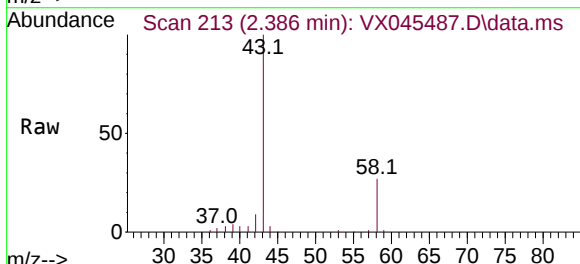
Instrument :
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 ClientSampleId :
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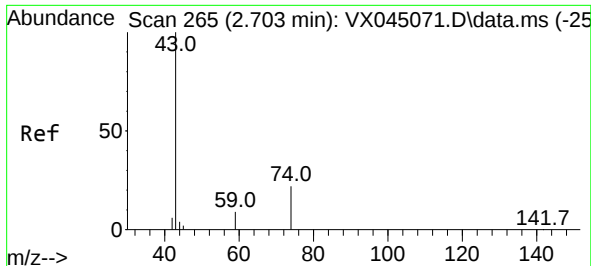
Tgt Ion: 41 Resp: 373
 Ion Ratio Lower Upper
 41 100
 39 31.4 53.8 80.8#
 76 0.0 25.2 37.8#



#16
 Acetone
 Concen: 78.097 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX045487.D
 Acq: 27 Mar 2025 19:03

Tgt Ion: 43 Resp: 38974
 Ion Ratio Lower Upper
 43 100
 58 27.1 24.2 36.4

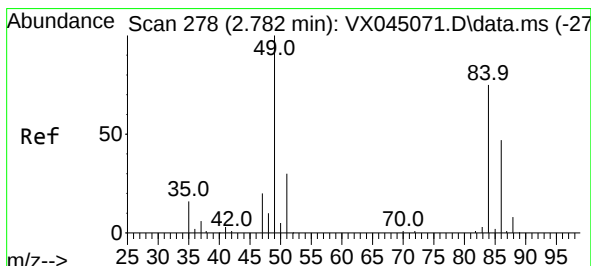
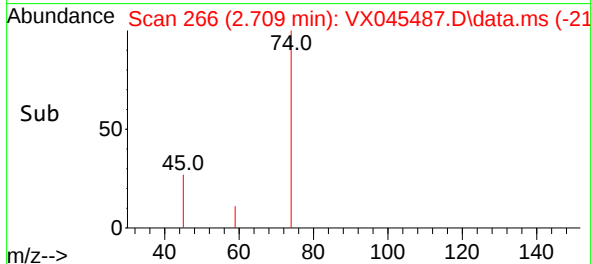
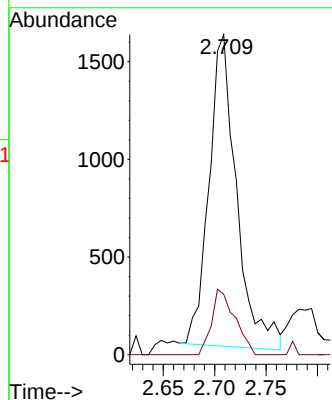
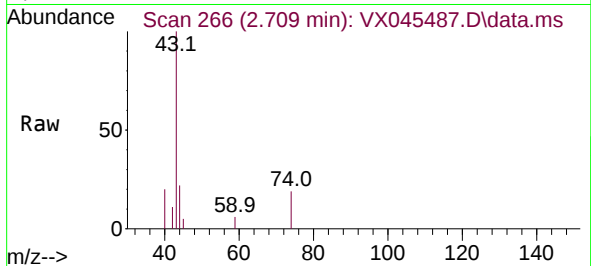




#18
Methyl Acetate
Concen: 2.478 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

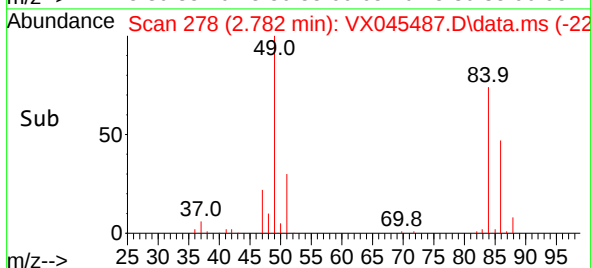
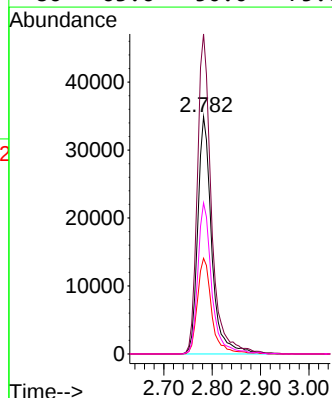
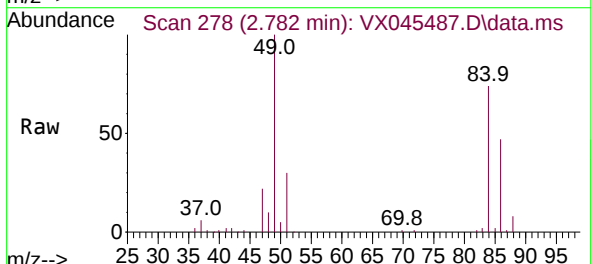
Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#11

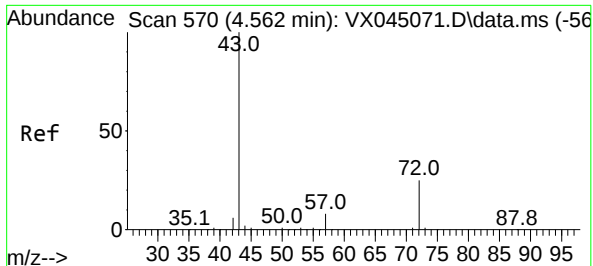
Tgt Ion: 43 Resp: 2975
Ion Ratio Lower Upper
43 100
74 17.6 17.4 26.2



#20
Methylene Chloride
Concen: 70.696 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

Tgt Ion: 84 Resp: 69886
Ion Ratio Lower Upper
84 100
49 134.9 106.5 159.7
51 40.3 32.1 48.1
86 63.6 50.0 75.0

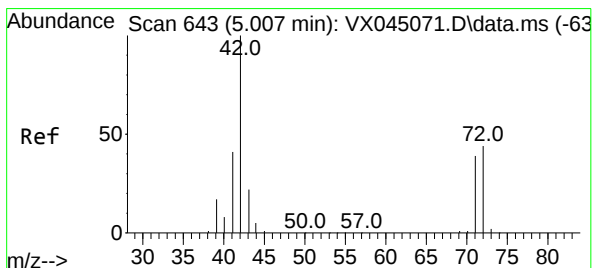
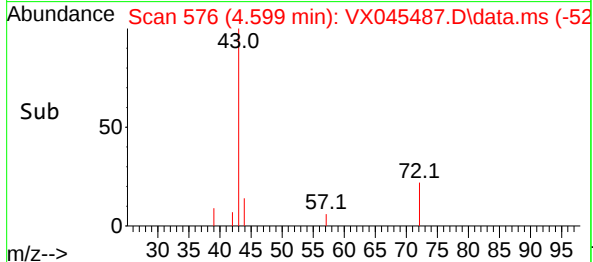
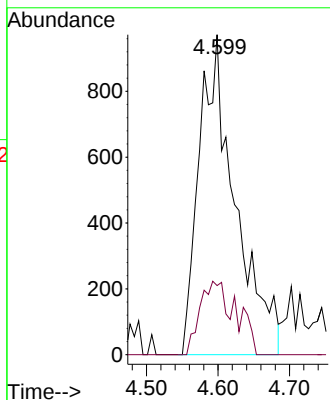
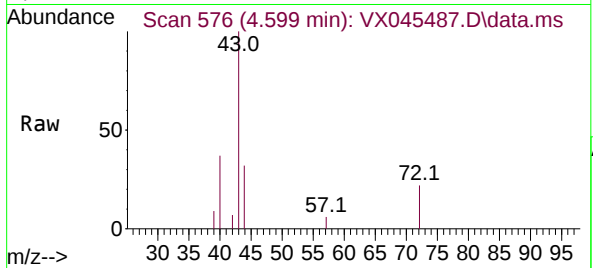




#25
2-Butanone
Concen: 4.522 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

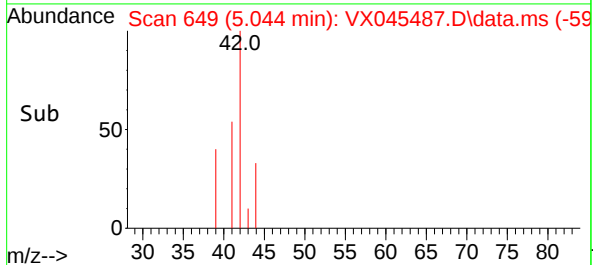
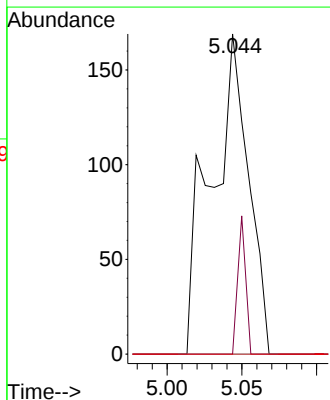
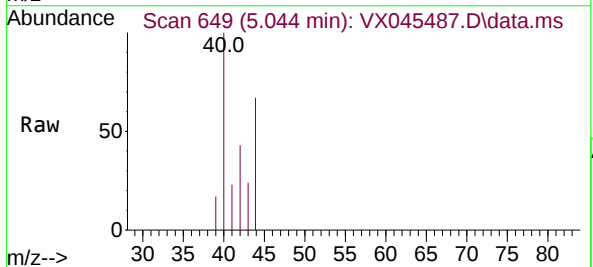
Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#11

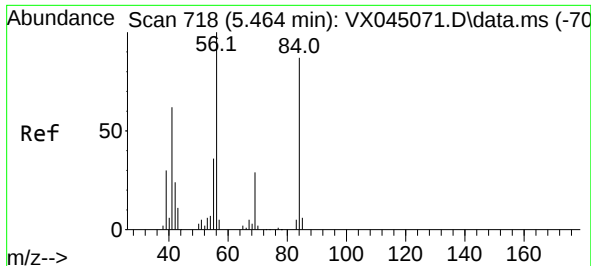
Tgt Ion: 43 Resp: 3397
Ion Ratio Lower Upper
43 100
72 21.6 20.0 30.0



#29
Tetrahydrofuran
Concen: 0.581 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.037 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

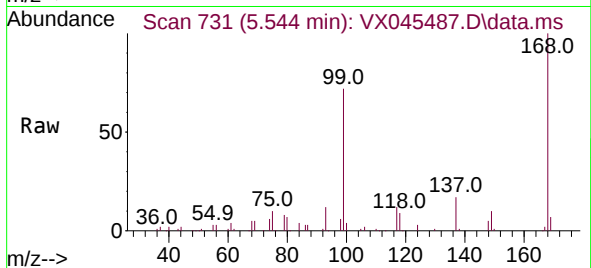
Tgt Ion: 42 Resp: 293
Ion Ratio Lower Upper
42 100
72 9.2 34.1 51.1#
71 0.0 31.4 47.0#



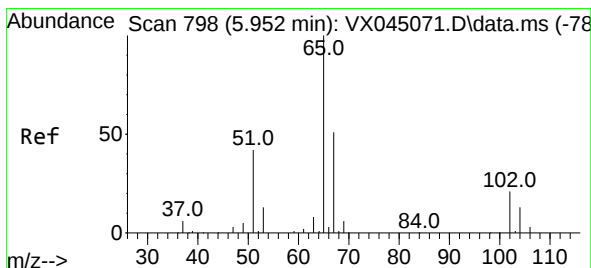
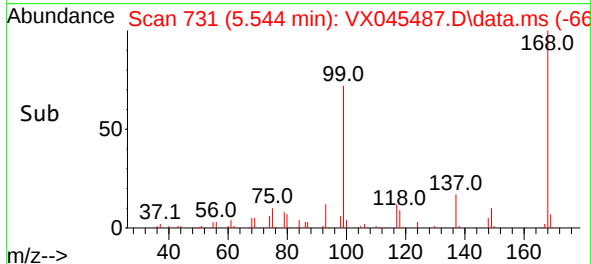
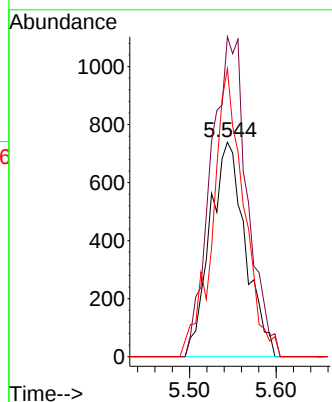


#31
Cyclohexane
Concen: 1.436 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#11

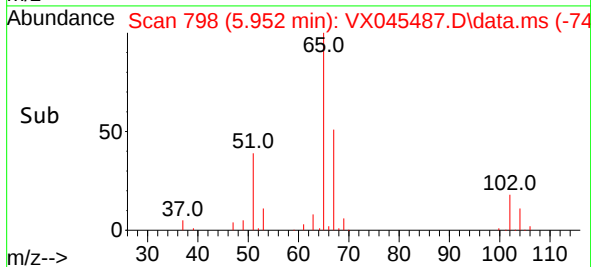
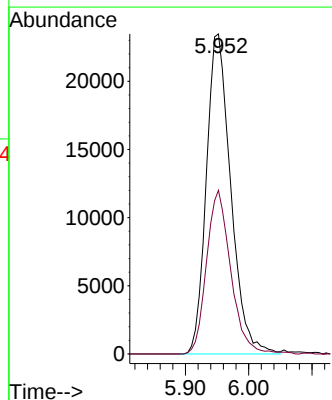
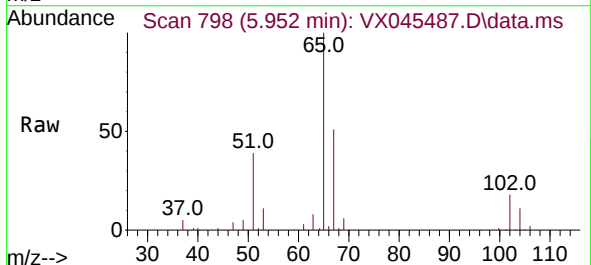


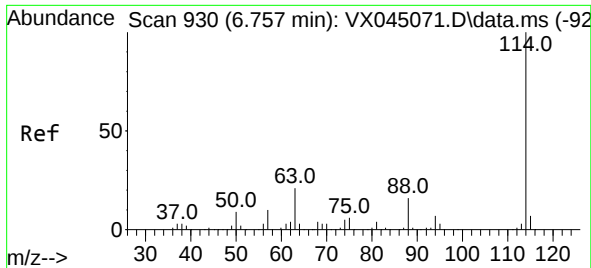
Tgt Ion: 56 Resp: 2102
Ion Ratio Lower Upper
56 100
69 149.3 23.4 35.2#
84 134.4 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 58.568 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

Tgt Ion: 65 Resp: 62995
Ion Ratio Lower Upper
65 100
67 50.8 0.0 106.2

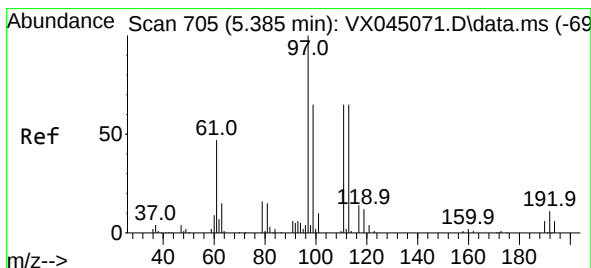
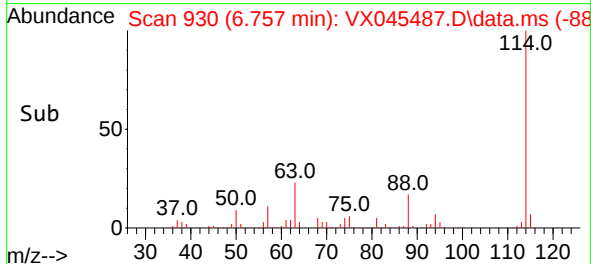
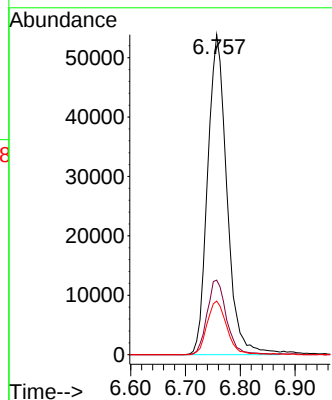
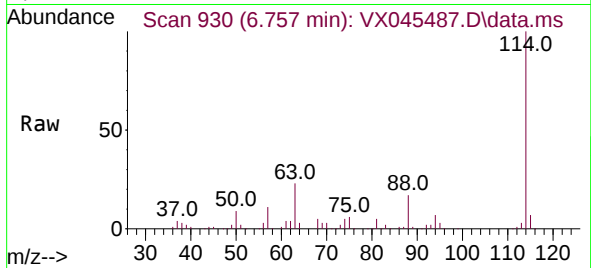




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

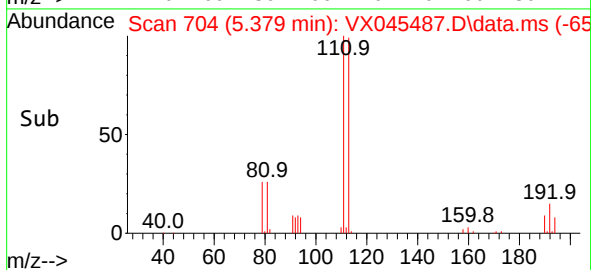
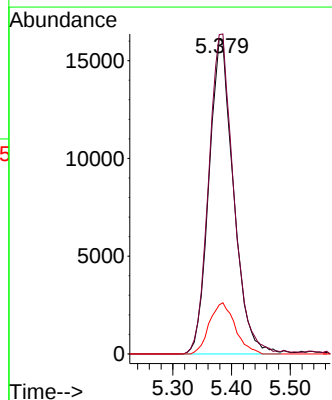
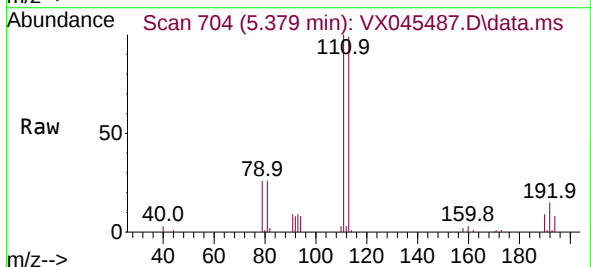
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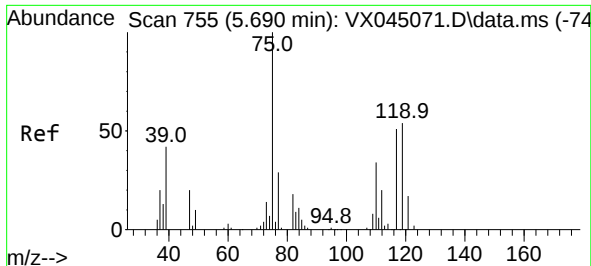
Tgt Ion:114 Resp: 131282
Ion Ratio Lower Upper
114 100
63 23.3 0.0 41.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.273 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

Tgt Ion:113 Resp: 46766
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 17.0 14.3 21.5

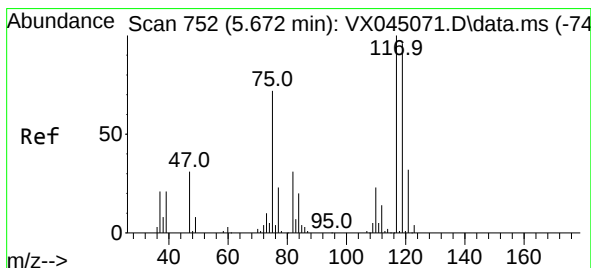
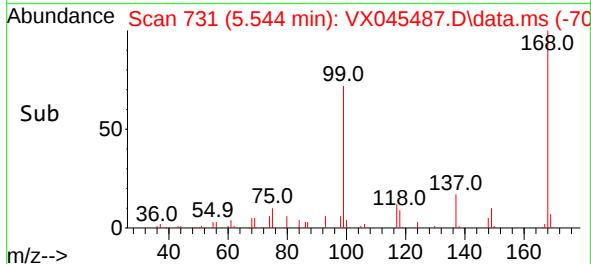
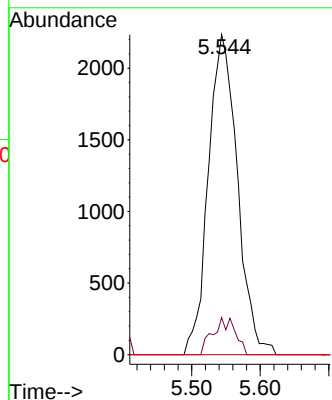
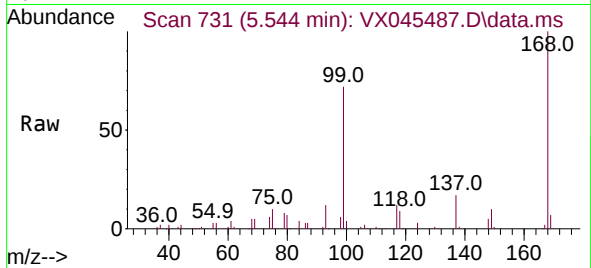




#36
1,1-Dichloropropene
Concen: 5.468 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

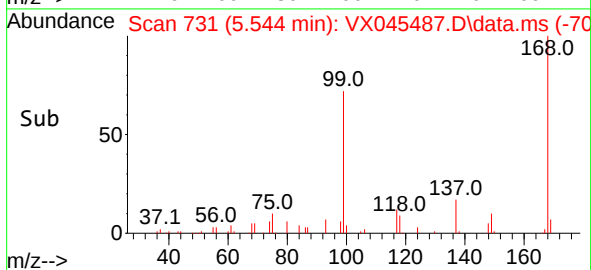
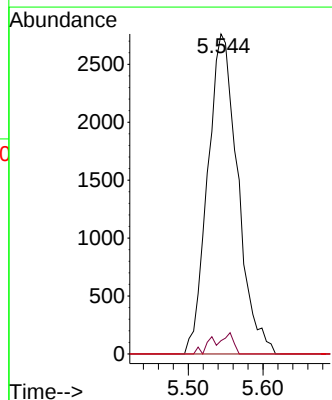
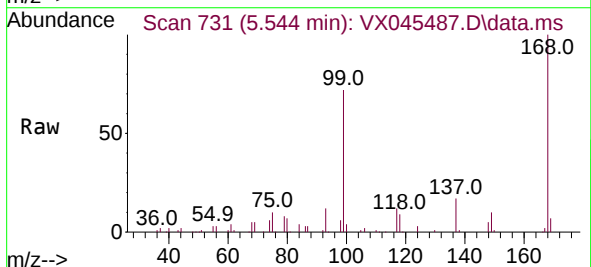
Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#11

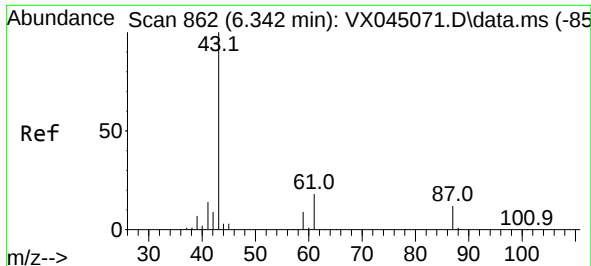
Tgt Ion: 75 Resp: 6583
Ion Ratio Lower Upper
75 100
110 8.9 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.311 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

Tgt Ion: 117 Resp: 7713
Ion Ratio Lower Upper
117 100
119 4.2 76.7 115.1#
121 0.0 25.5 38.3#

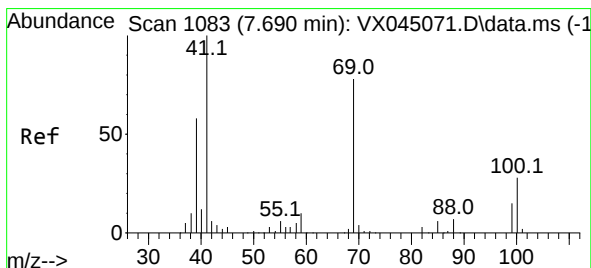
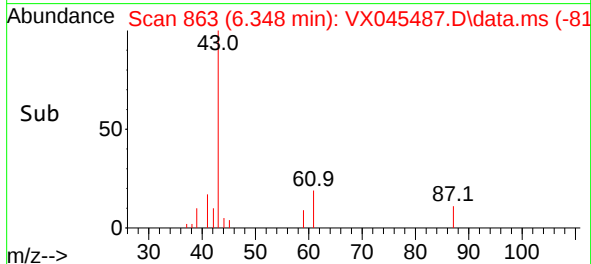
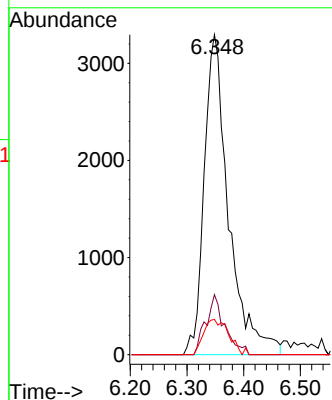
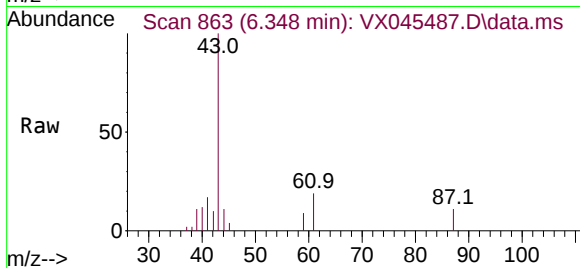




#43
Isopropyl Acetate
Concen: 4.294 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

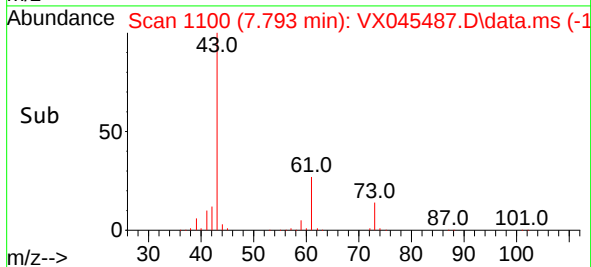
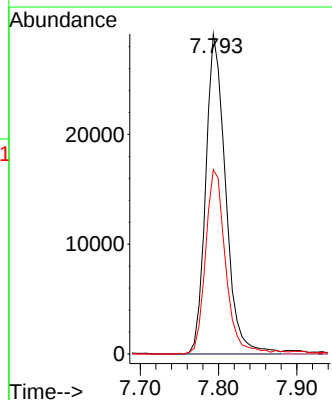
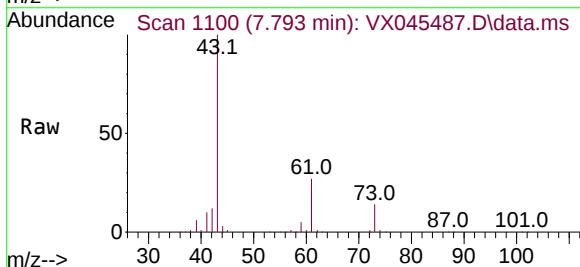
Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#11

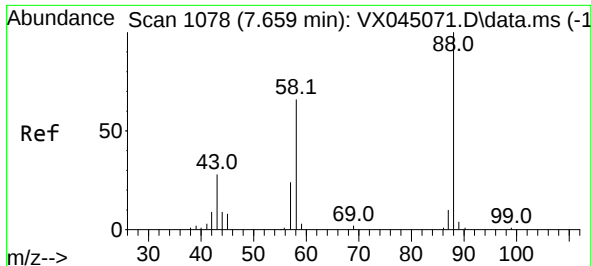
Tgt Ion: 43 Resp: 9851
Ion Ratio Lower Upper
43 100
61 14.7 14.9 22.3#
87 11.1 9.4 14.2



#48
Methyl methacrylate
Concen: 44.609 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

Tgt Ion: 41 Resp: 51337
Ion Ratio Lower Upper
41 100
69 0.0 63.0 94.6#
39 57.9 47.5 71.3





#49

1,4-Dioxane

Concen: 0.783 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.134 min

Lab File: VX045487.D

Acq: 27 Mar 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

P167330ZHE#11

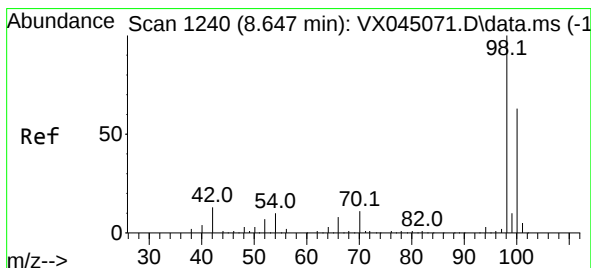
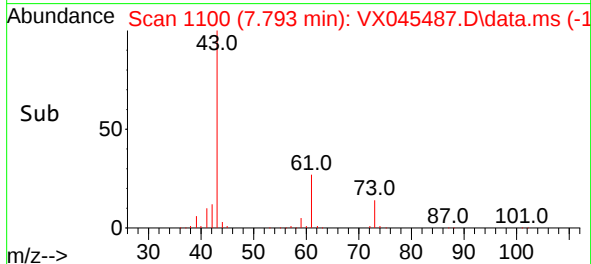
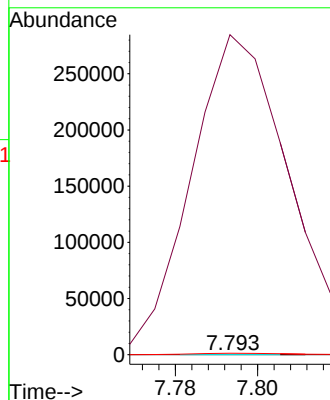
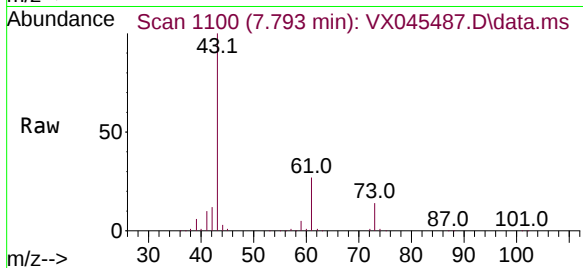
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 2624342.1 28.7 43.1#

58 12384.2 55.8 83.8#



#50

Toluene-d8

Concen: 53.122 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045487.D

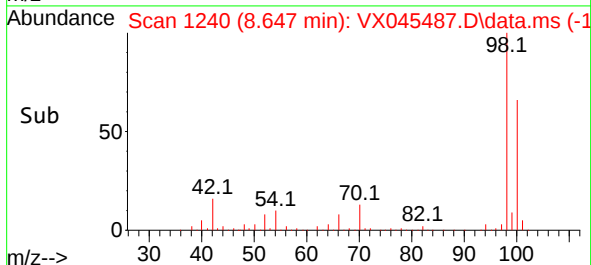
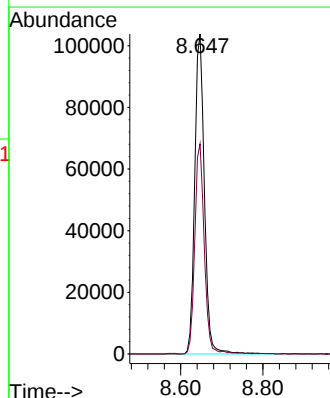
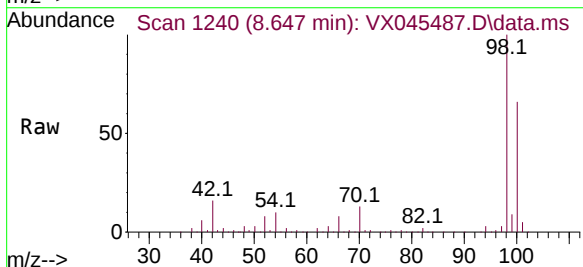
Acq: 27 Mar 2025 19:03

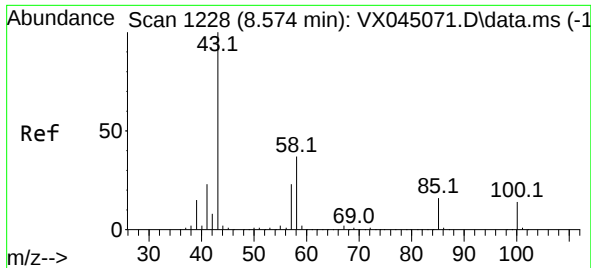
Tgt Ion: 98 Resp: 169061

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

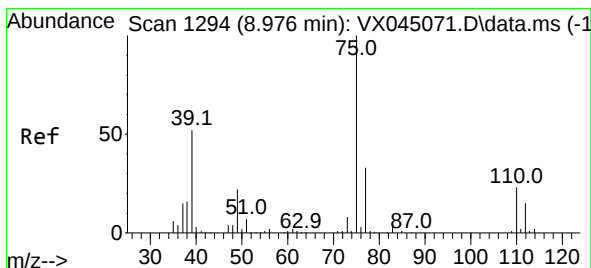
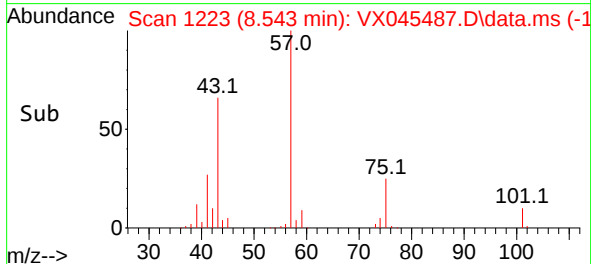
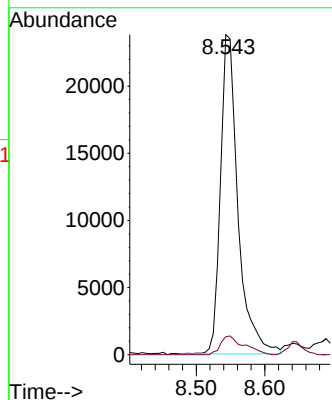
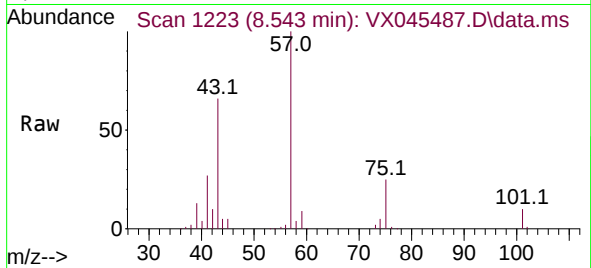




#51
4-Methyl-2-Pentanone
Concen: 27.360 ug/l
RT: 8.543 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

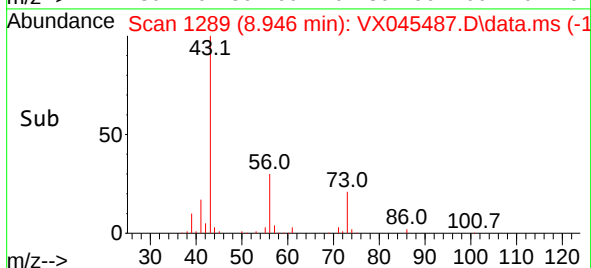
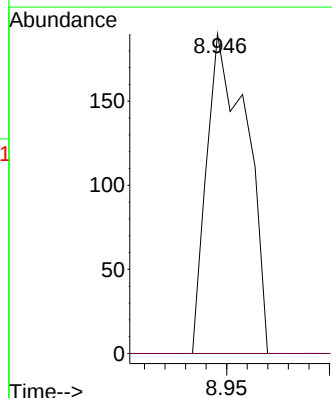
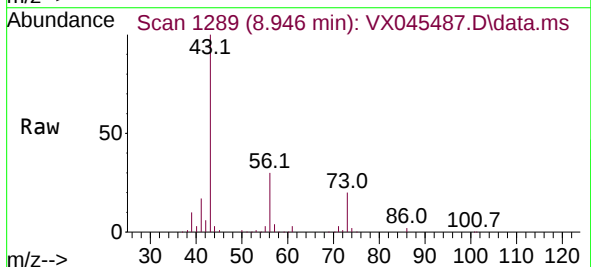
Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#11

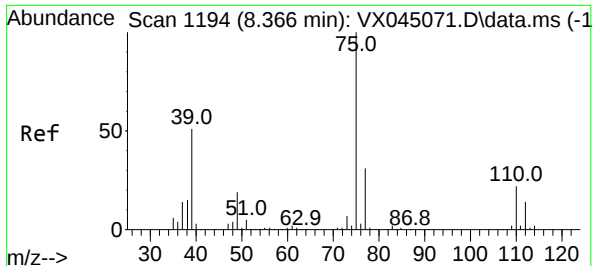
Tgt Ion: 43 Resp: 42141
Ion Ratio Lower Upper
43 100
58 7.8 29.2 43.8#



#53
t-1,3-Dichloropropene
Concen: 0.227 ug/l
RT: 8.946 min Scan# 1289
Delta R.T. -0.031 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

Tgt Ion: 75 Resp: 257
Ion Ratio Lower Upper
75 100
77 0.0 26.5 39.7#

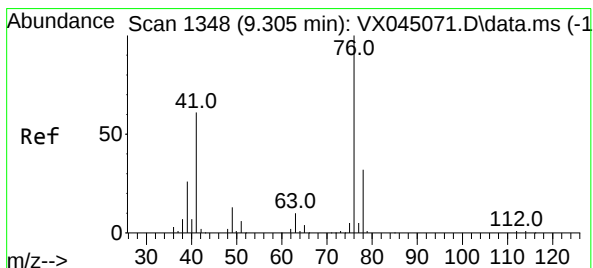
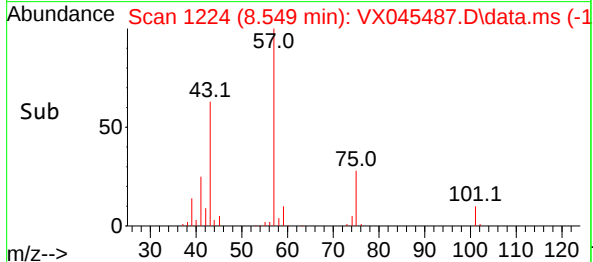
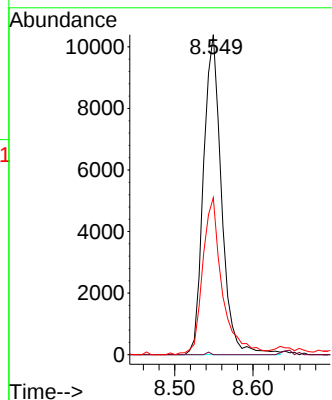
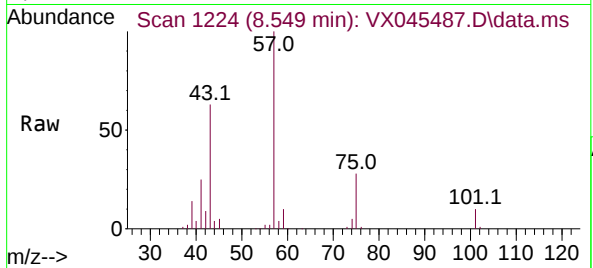




#54
 cis-1,3-Dichloropropene
 Concen: 12.567 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX045487.D
 Acq: 27 Mar 2025 19:03

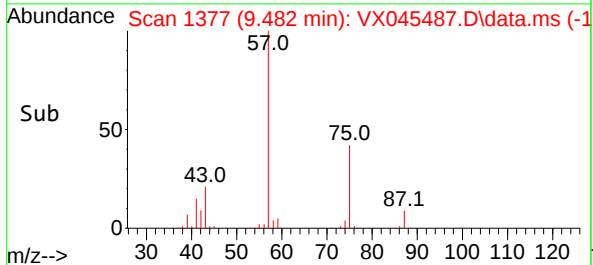
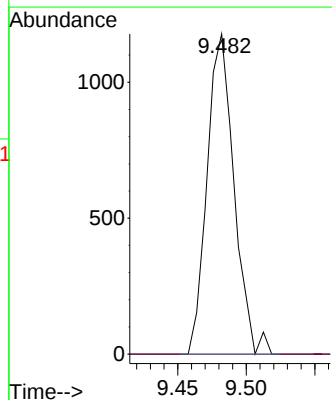
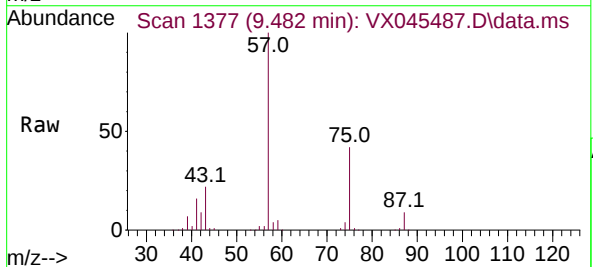
Instrument :
 MSVOA_X
 ClientSampleId :
 P167330ZHE#11

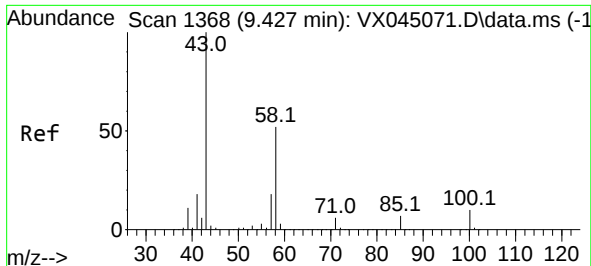
Tgt Ion: 75 Resp: 16601
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.7 37.1#
 39 48.5 40.7 61.1



#57
 1,3-Dichloropropane
 Concen: 1.014 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX045487.D
 Acq: 27 Mar 2025 19:03

Tgt Ion: 76 Resp: 1612
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#

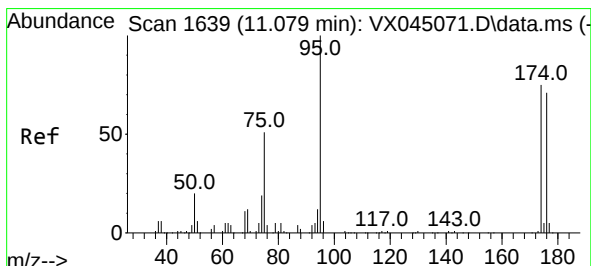
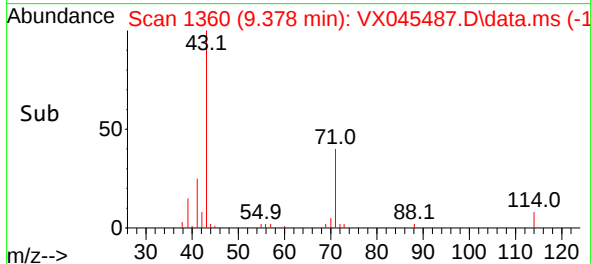
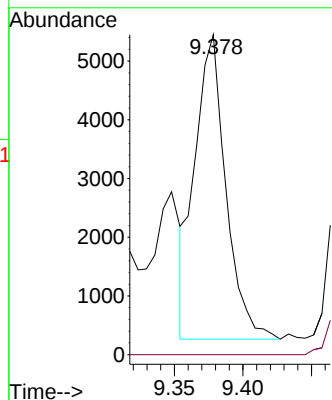
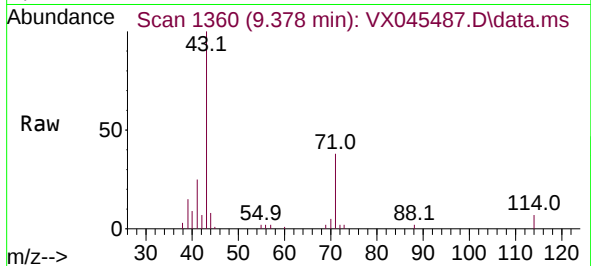




#59
2-Hexanone
Concen: 7.284 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

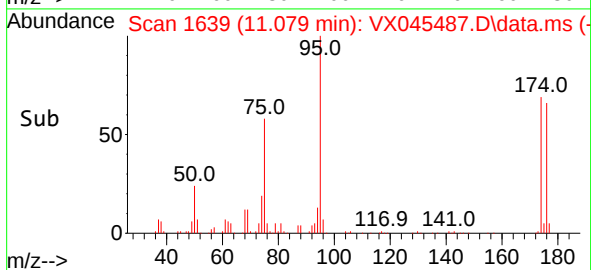
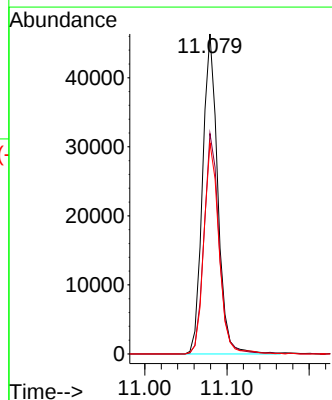
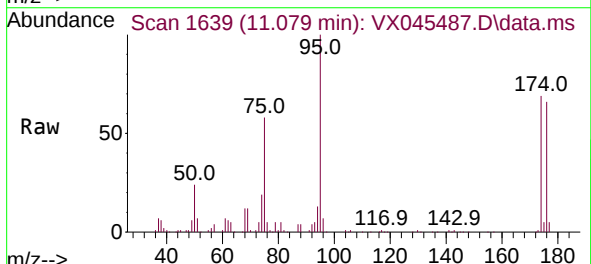
Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#11

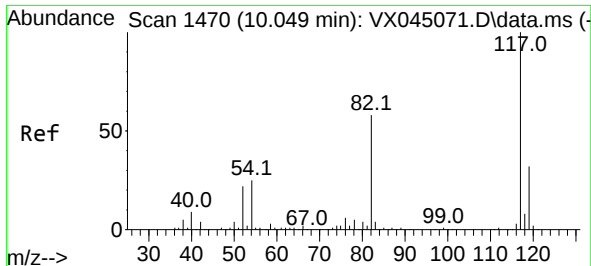
Tgt Ion: 43 Resp: 8129
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.6#



#62
4-Bromofluorobenzene
Concen: 56.194 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

Tgt Ion: 95 Resp: 59261
Ion Ratio Lower Upper
95 100
174 68.6 0.0 148.2
176 65.8 0.0 141.4

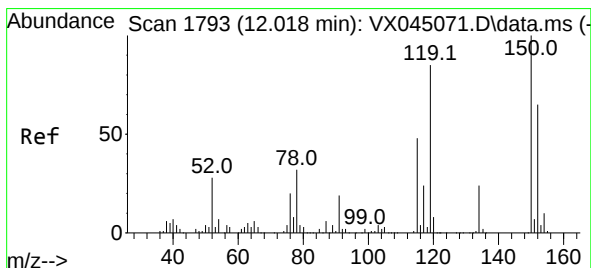
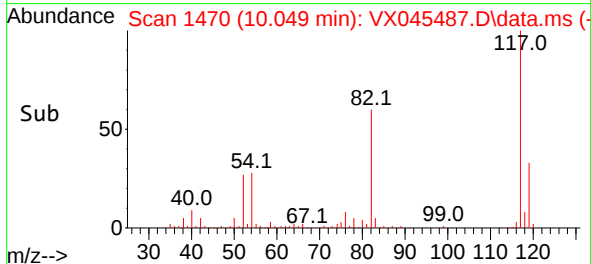
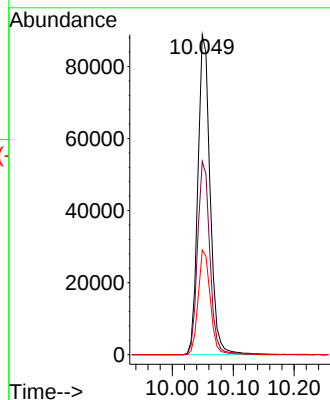
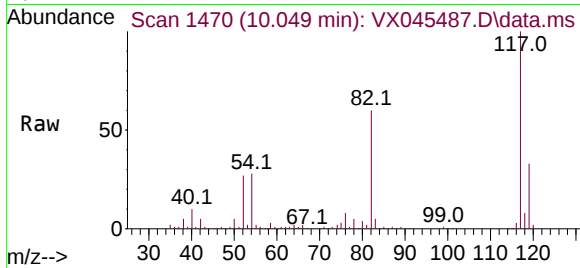




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

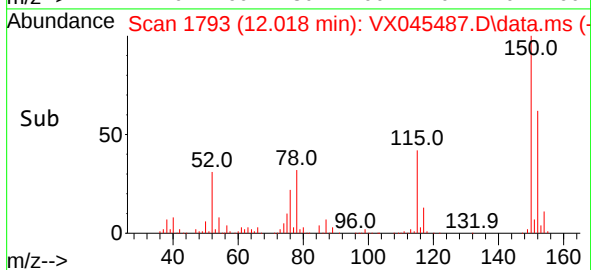
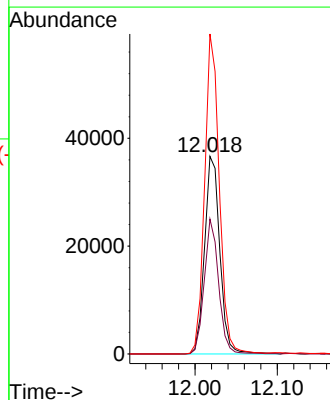
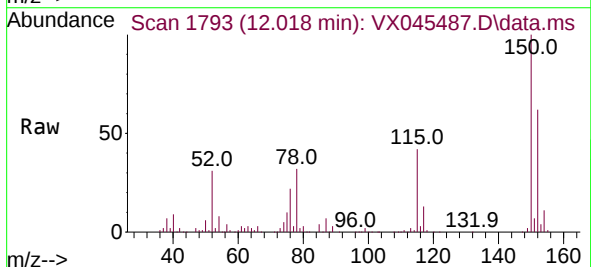
Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#11

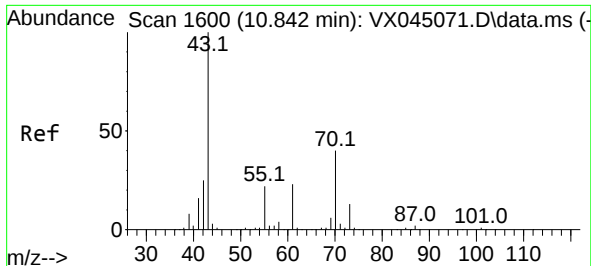
Tgt Ion:117 Resp: 123937
Ion Ratio Lower Upper
117 100
82 60.4 46.3 69.5
119 32.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

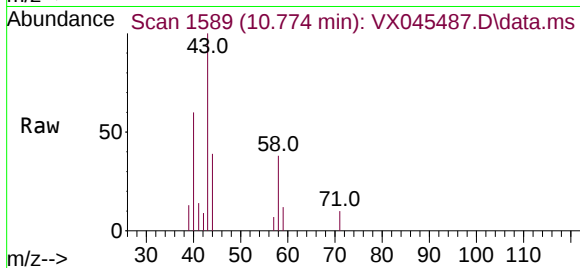
Tgt Ion:152 Resp: 47289
Ion Ratio Lower Upper
152 100
115 64.4 44.2 132.6
150 155.5 0.0 349.0



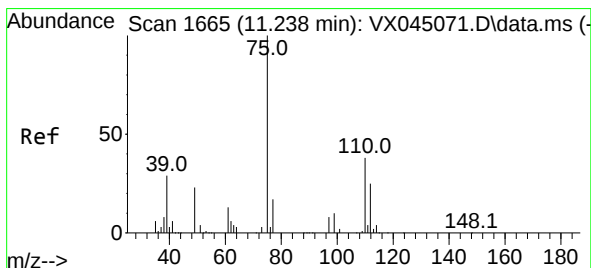
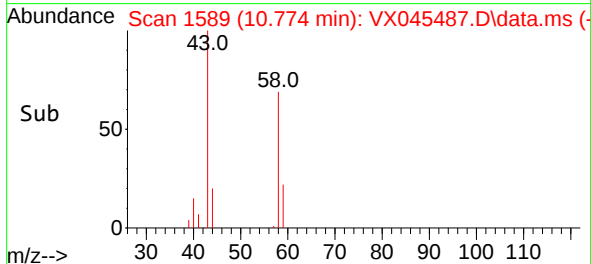
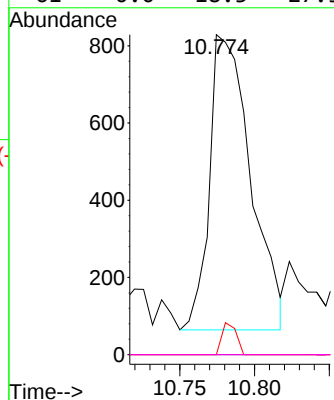


#74
N-amy1 acetate
Concen: 0.844 ug/l
RT: 10.774 min Scan# 1639
Delta R.T. -0.067 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#11

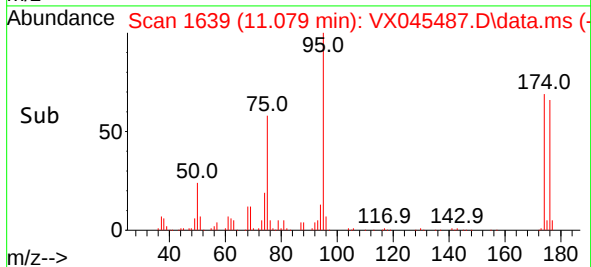
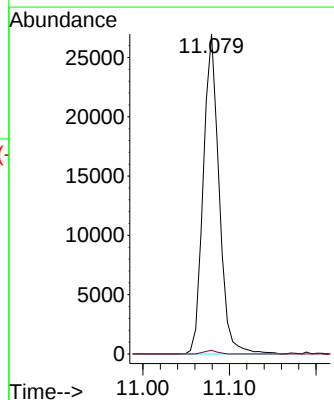
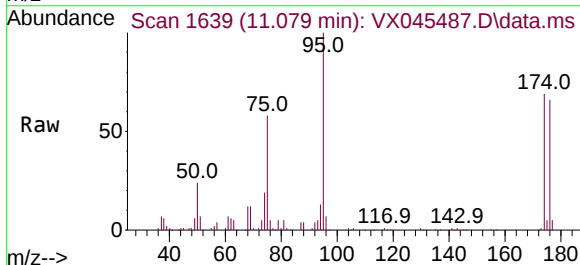


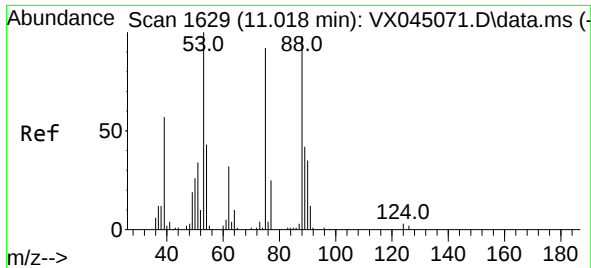
Tgt Ion:	43	Resp:	1461
Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.8	47.6#
55	3.8	18.3	27.5#
61	0.0	18.3	27.5#



#76
1,2,3-Trichloropropane
Concen: 31.161 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

Tgt Ion:	75	Resp:	34297
Ion	Ratio	Lower	Upper
75	100		
77	0.9	20.7	62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.637 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045487.D
 Acq: 27 Mar 2025 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 P167330ZHE#11

Tgt Ion: 75 Resp: 34297
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.1 36.2 54.4#

