

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045196.D
 Acq On : 10 Mar 2025 15:16
 Operator : JC/MD
 Sample : Q1531-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20250305

Quant Time: Mar 11 03:57:00 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)

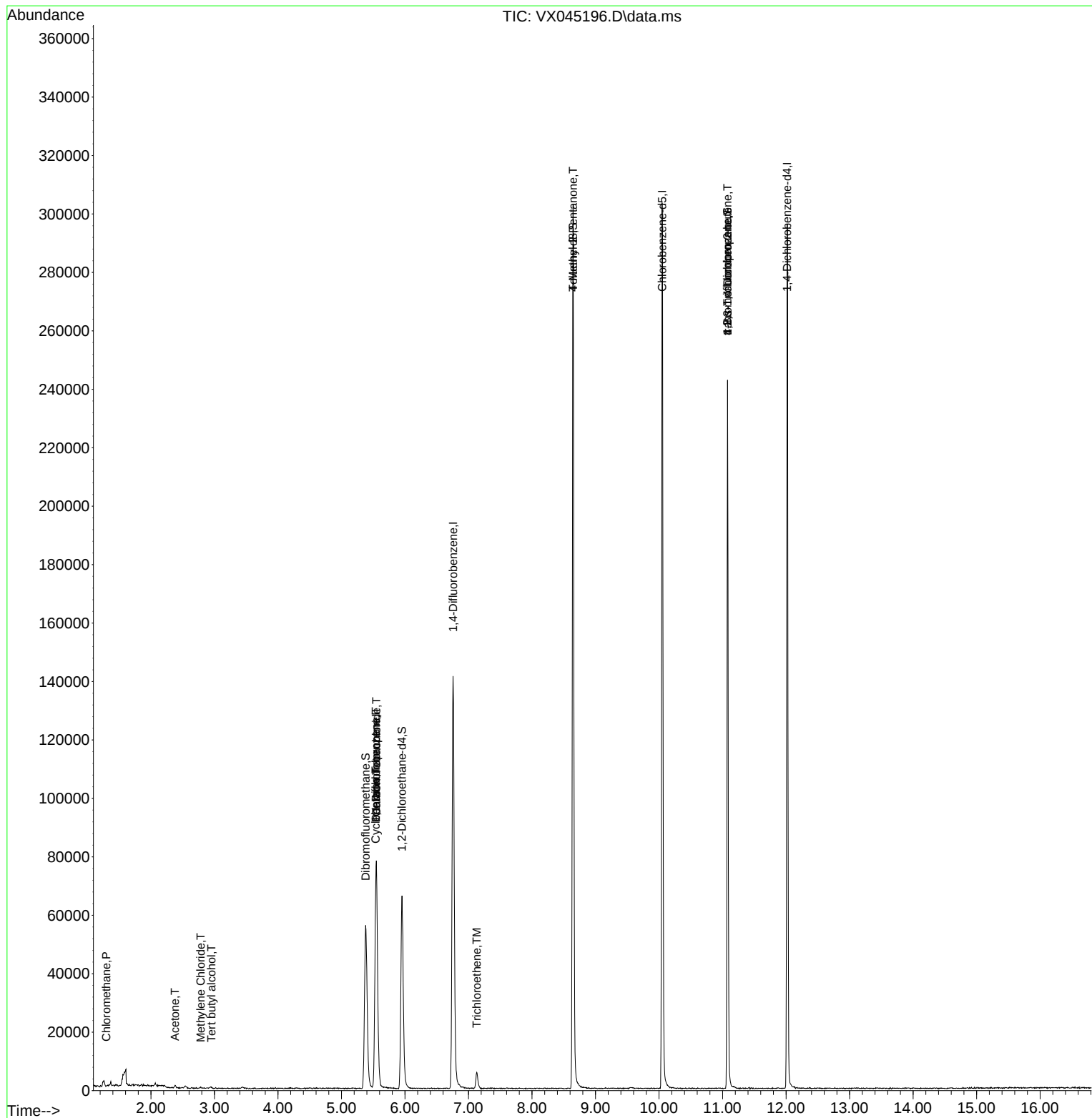
Internal Standards						
1) Pentafluorobenzene	5.544	168	71783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142154	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61586	53.937	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.880%			
35) Dibromofluoromethane	5.379	113	48788	51.326	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.660%			
50) Toluene-d8	8.647	98	177092	51.390	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.780%			
62) 4-Bromofluorobenzene	11.079	95	60678	53.137	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.280%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	325	0.294	ug/l #	43
11) Tert butyl alcohol	2.953	59	151	0.698	ug/l #	73
16) Acetone	2.380	43	942	1.778	ug/l #	79
20) Methylene Chloride	2.782	84	217	0.207	ug/l #	50
31) Cyclohexane	5.537	56	1977	1.273	ug/l #	47
36) 1,1-Dichloropropene	5.544	75	6467	4.961	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7883	5.956	ug/l #	15
44) Trichloroethene	7.129	130	2379	2.461	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	951	0.570	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33027	24.980	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33027	85.486	ug/l #	6

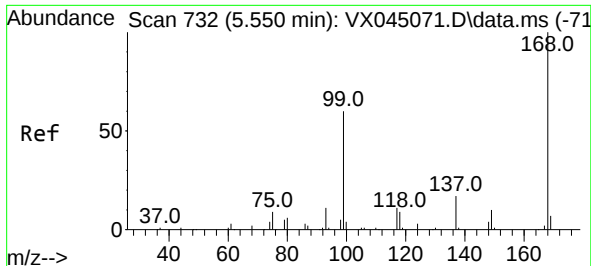
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
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Quant Time: Mar 11 03:57:00 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

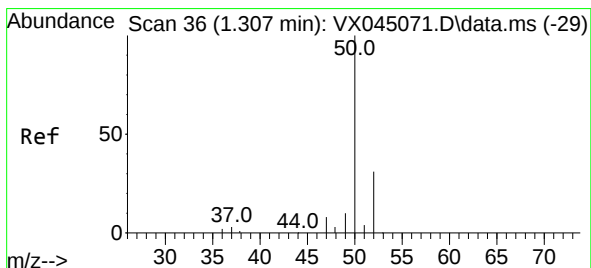
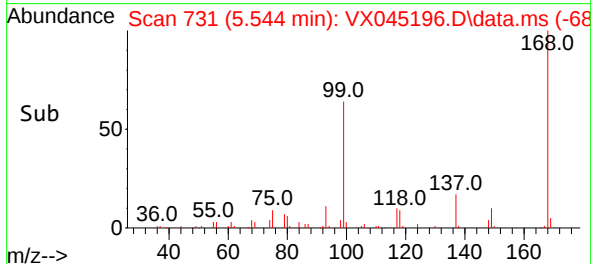
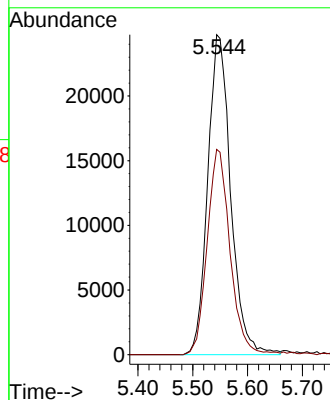
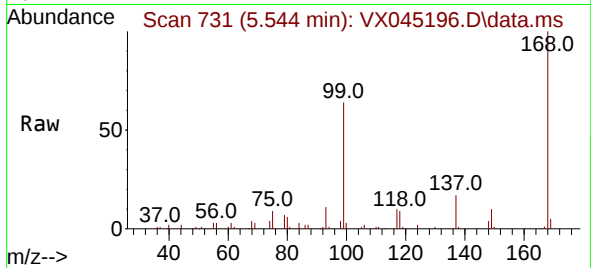




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045196.D
Acq: 10 Mar 2025 15:16

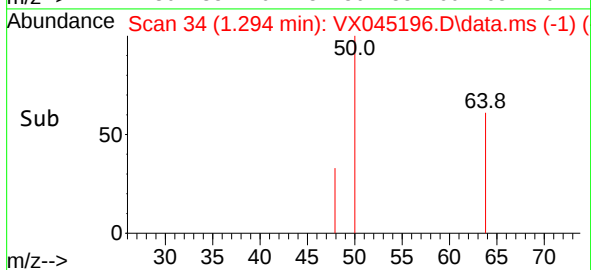
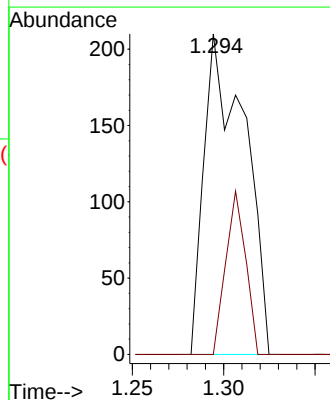
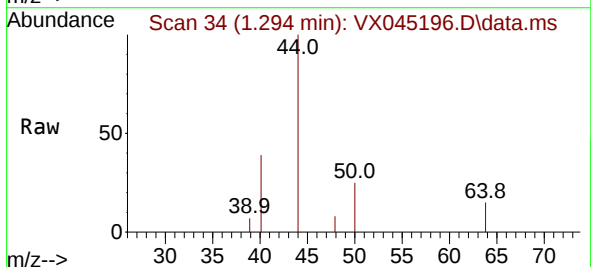
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20250305

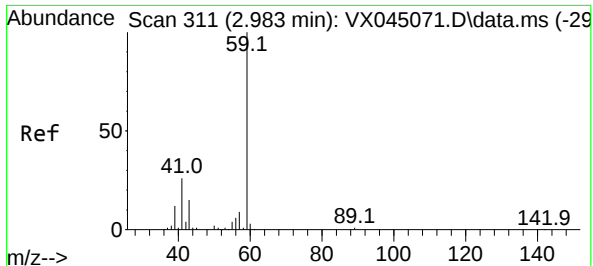
Tgt Ion:168 Resp: 71783
Ion Ratio Lower Upper
168 100
99 64.1 48.2 72.4



#3
Chloromethane
Concen: 0.294 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX045196.D
Acq: 10 Mar 2025 15:16

Tgt Ion: 50 Resp: 325
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: 0.698 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.031 min

Lab File: VX045196.D

Acq: 10 Mar 2025 15:16

Instrument :

MSVOA_X

ClientSampleId :

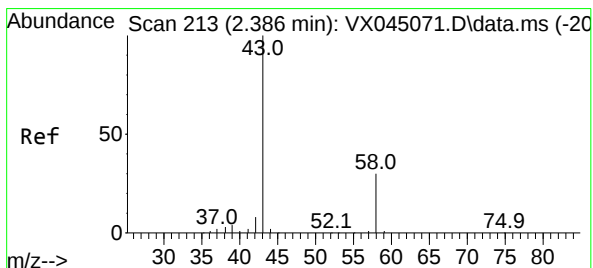
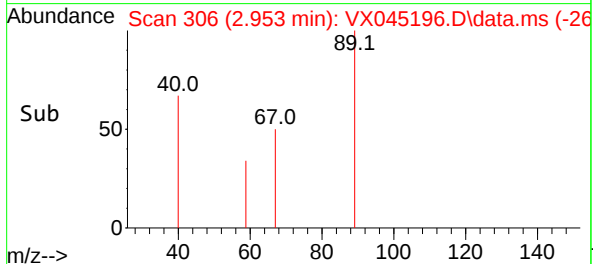
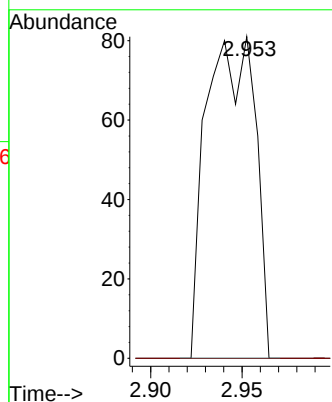
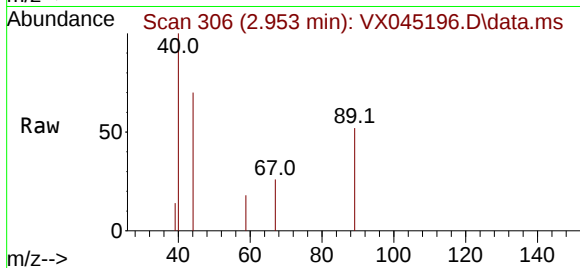
RE122D3-20250305

Tgt Ion: 59 Resp: 151

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 1.778 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045196.D

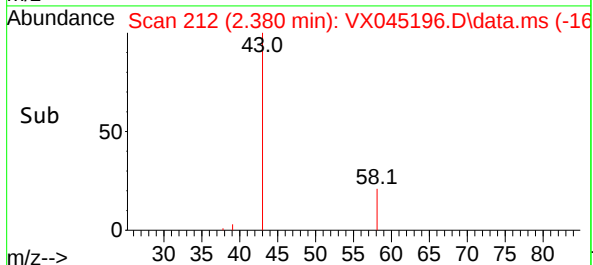
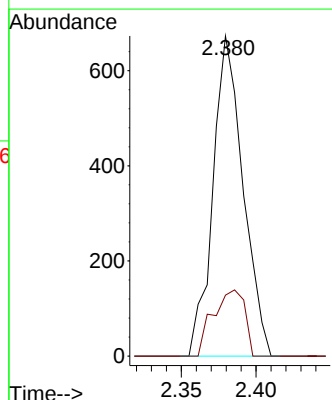
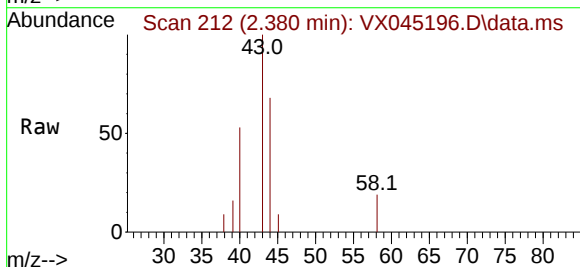
Acq: 10 Mar 2025 15:16

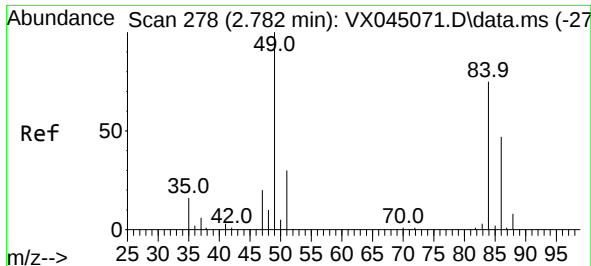
Tgt Ion: 43 Resp: 942

Ion Ratio Lower Upper

43 100

58 19.0 24.2 36.4#





#20

Methylene Chloride

Concen: 0.207 ug/l

RT: 2.782 min Scan# 217

Delta R.T. -0.000 min

Lab File: VX045196.D

Acq: 10 Mar 2025 15:16

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20250305

Tgt Ion: 84 Resp: 217

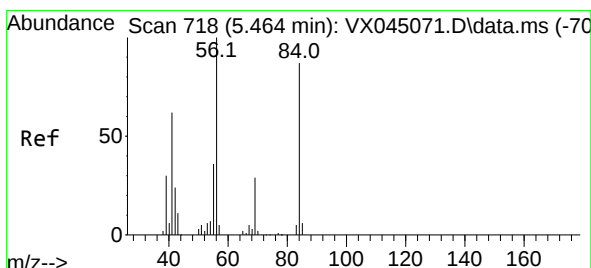
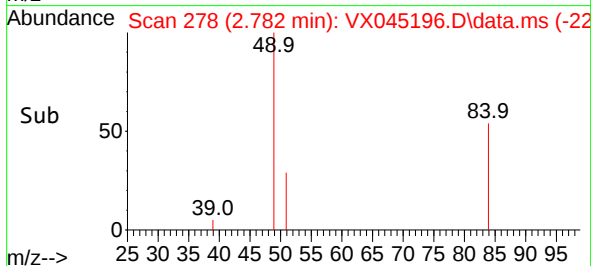
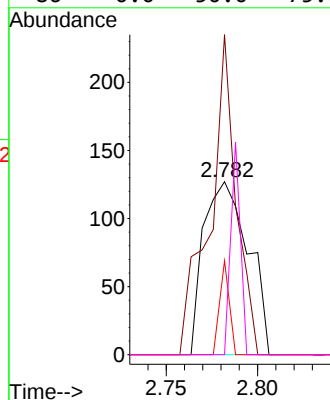
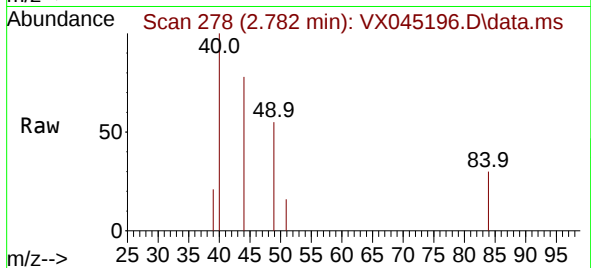
Ion Ratio Lower Upper

84 100

49 185.0 106.5 159.7#

51 54.3 32.1 48.1#

86 0.0 50.0 75.0#



#31

Cyclohexane

Concen: 1.273 ug/l

RT: 5.537 min Scan# 730

Delta R.T. 0.073 min

Lab File: VX045196.D

Acq: 10 Mar 2025 15:16

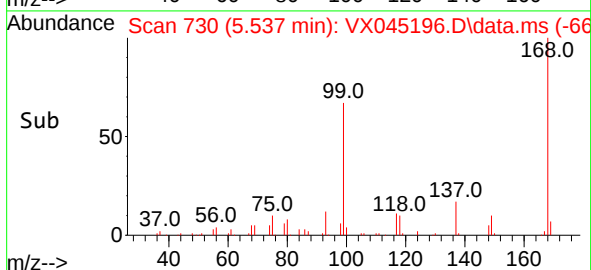
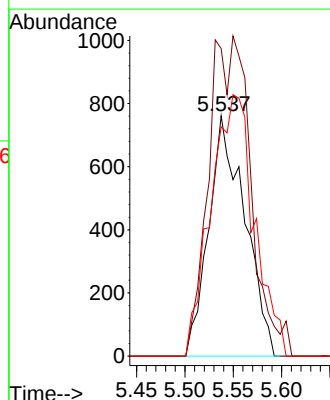
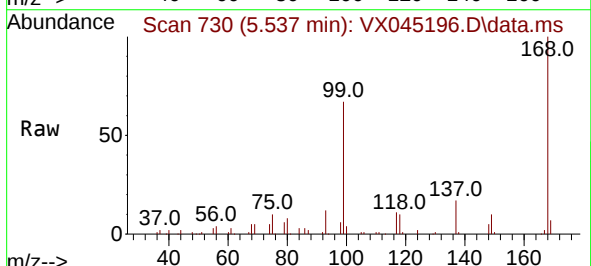
Tgt Ion: 56 Resp: 1977

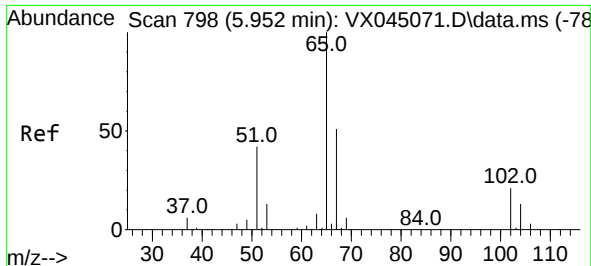
Ion Ratio Lower Upper

56 100

69 128.0 23.4 35.2#

84 95.4 69.4 104.2





#33

1,2-Dichloroethane-d4

Concen: 53.937 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045196.D

Acq: 10 Mar 2025 15:16

Instrument :

MSVOA_X

ClientSampleId :

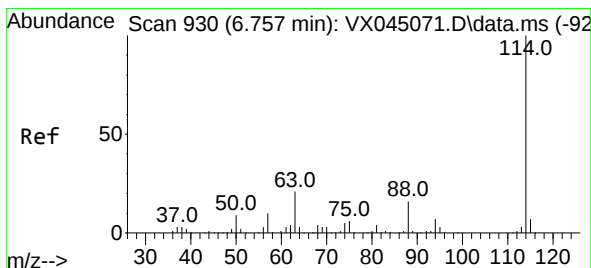
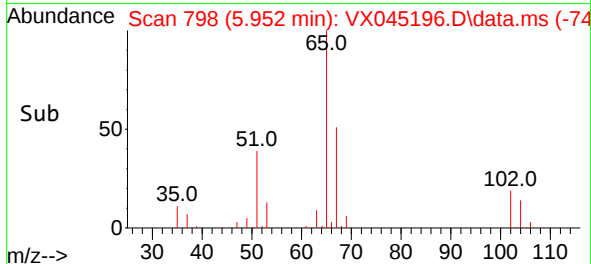
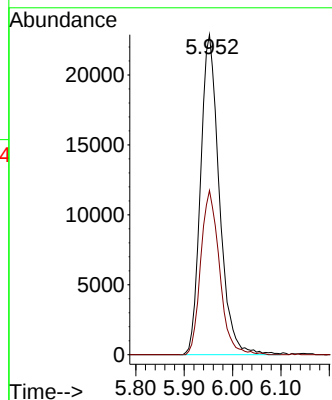
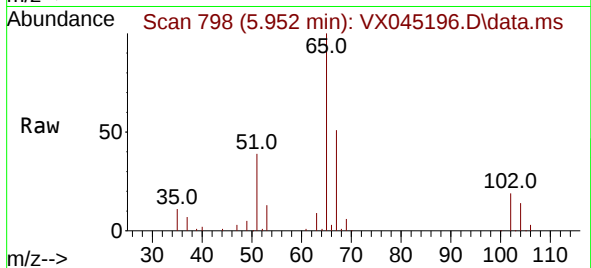
RE122D3-20250305

Tgt Ion: 65 Resp: 61586

Ion Ratio Lower Upper

65 100

67 51.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045196.D

Acq: 10 Mar 2025 15:16

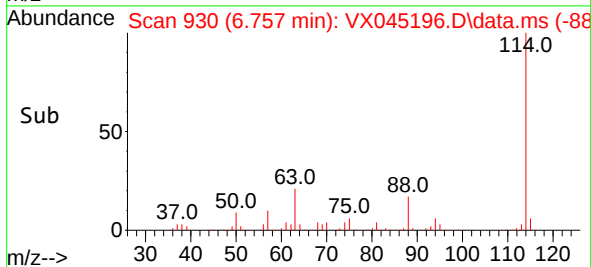
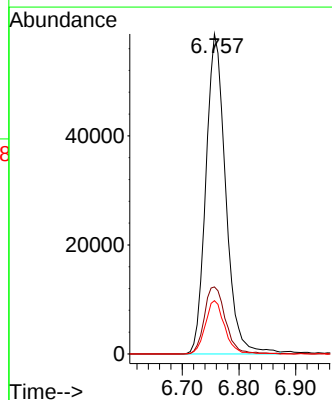
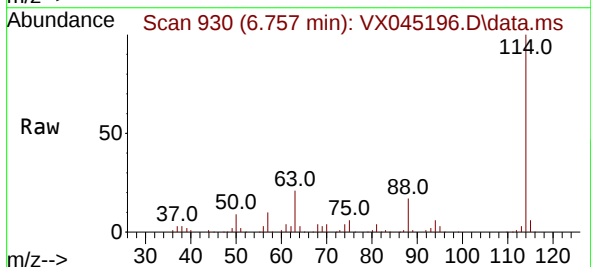
Tgt Ion: 114 Resp: 142154

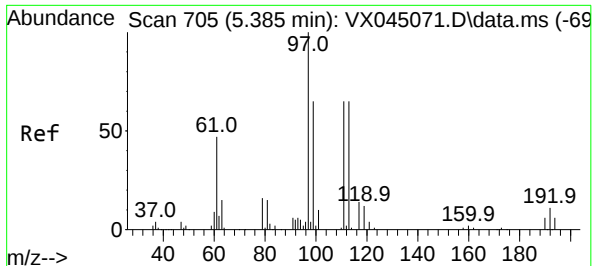
Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.8

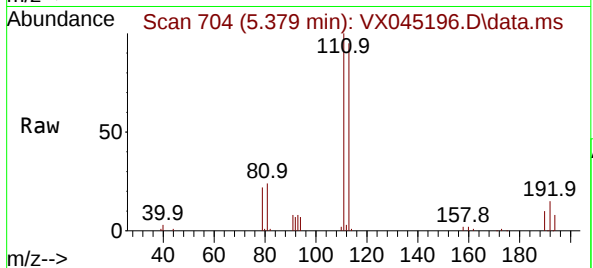
88 16.7 0.0 32.8



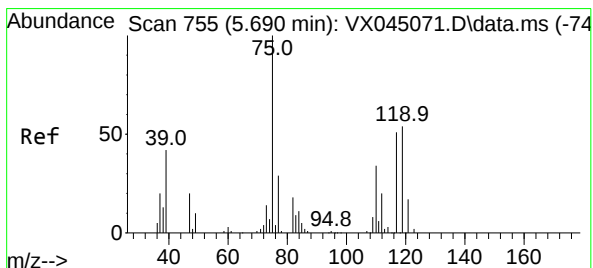
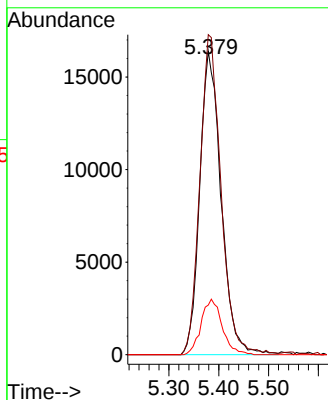
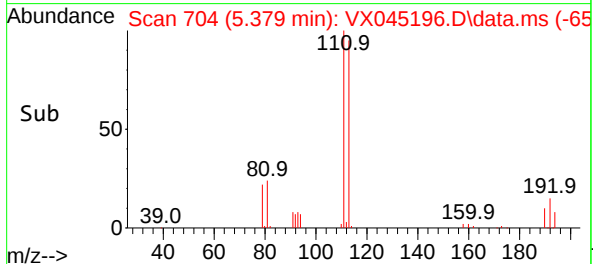


#35
Dibromofluoromethane
Concen: 51.326 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045196.D
Acq: 10 Mar 2025 15:16

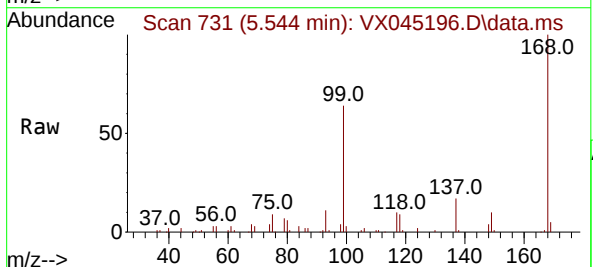
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20250305



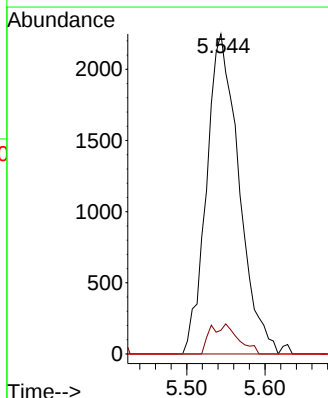
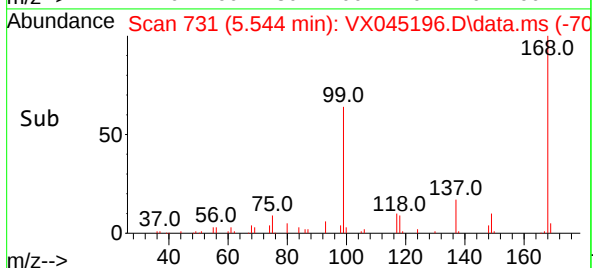
Tgt Ion:113 Resp: 48788
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 18.0 14.3 21.5

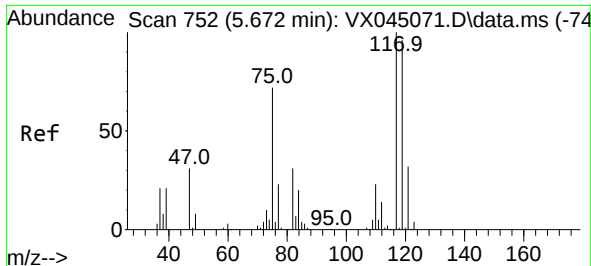


#36
1,1-Dichloropropene
Concen: 4.961 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045196.D
Acq: 10 Mar 2025 15:16



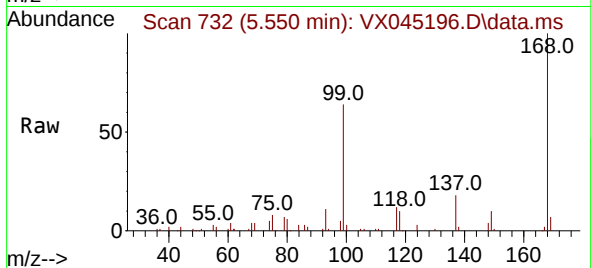
Tgt Ion: 75 Resp: 6467
Ion Ratio Lower Upper
75 100
110 8.0 16.9 50.6#
77 0.0 24.5 36.7#



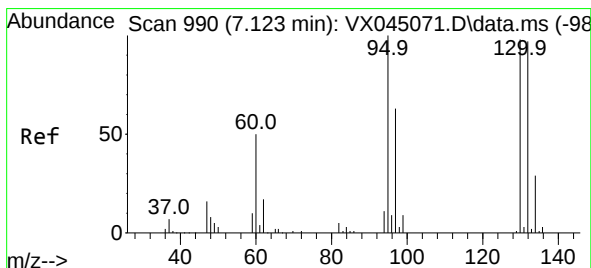
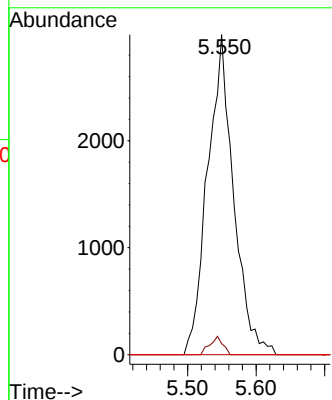
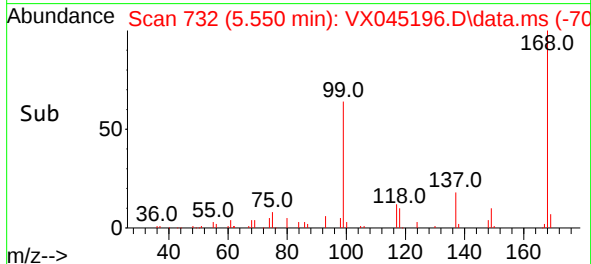


#38
Carbon Tetrachloride
Concen: 5.956 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX045196.D
Acq: 10 Mar 2025 15:16

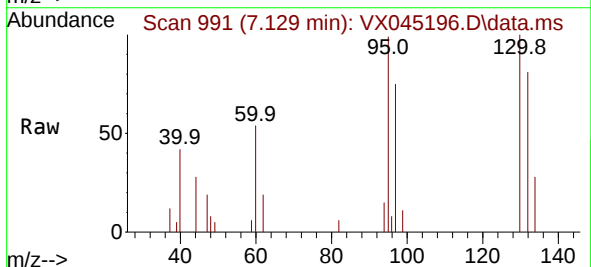
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MSVOA_X
ClientSampleId :
RE122D3-20250305



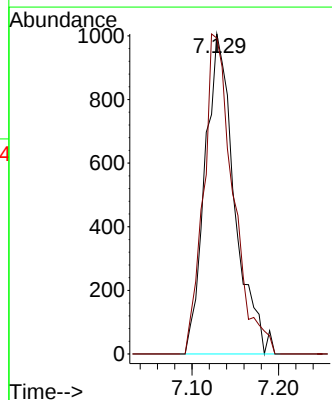
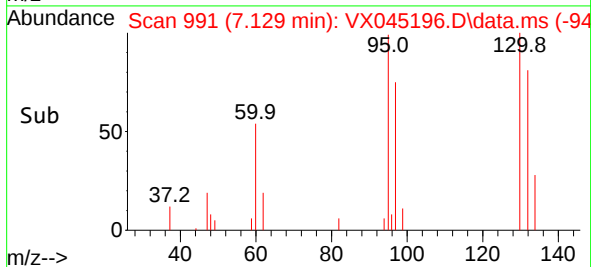
Tgt Ion:117 Resp: 7883
Ion Ratio Lower Upper
117 100
119 3.4 76.7 115.1#
121 0.0 25.5 38.3#

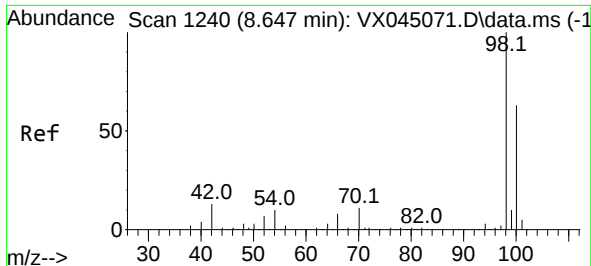


#44
Trichloroethene
Concen: 2.461 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045196.D
Acq: 10 Mar 2025 15:16



Tgt Ion:130 Resp: 2379
Ion Ratio Lower Upper
130 100
95 98.7 0.0 205.0

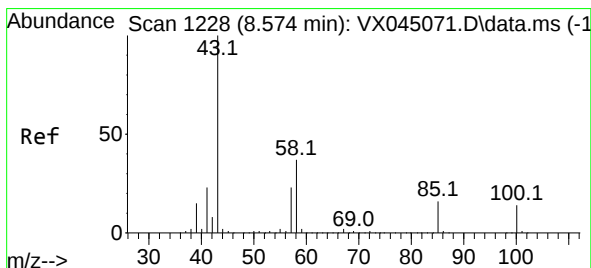
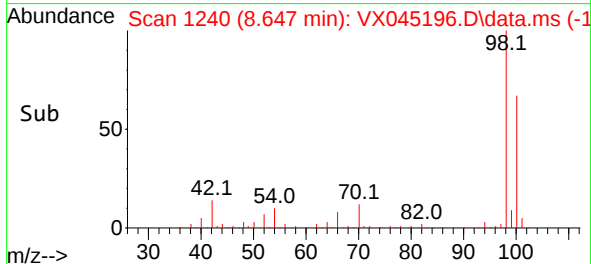
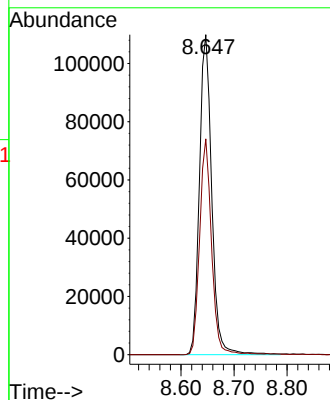
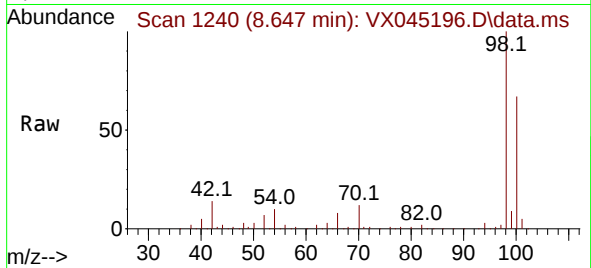




#50
Toluene-d8
Concen: 51.390 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045196.D
Acq: 10 Mar 2025 15:16

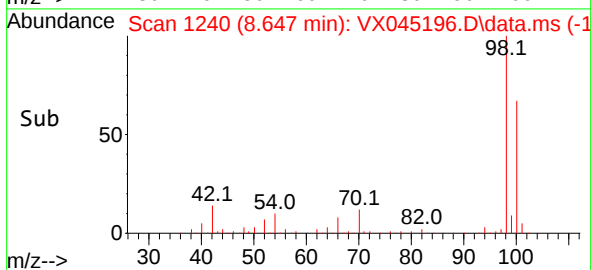
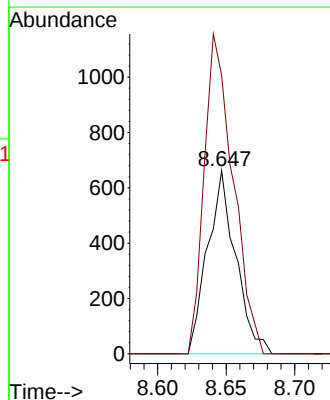
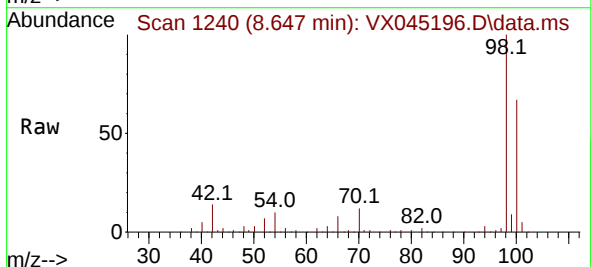
Instrument :
MSVOA_X
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RE122D3-20250305

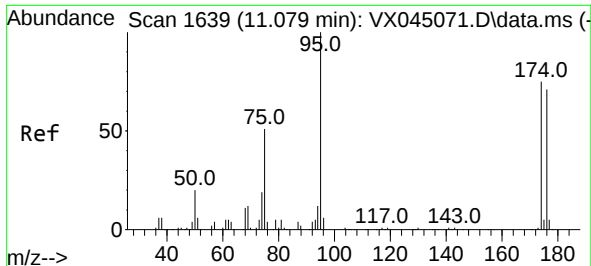
Tgt Ion: 98 Resp: 177092
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.570 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045196.D
Acq: 10 Mar 2025 15:16

Tgt Ion: 43 Resp: 951
Ion Ratio Lower Upper
43 100
58 178.4 29.2 43.8#

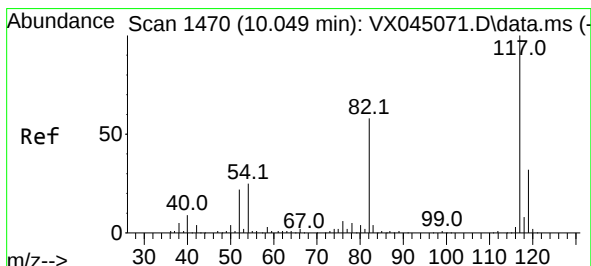
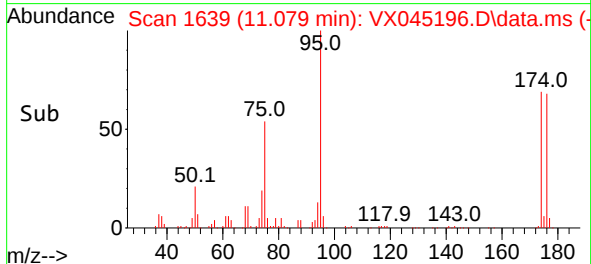
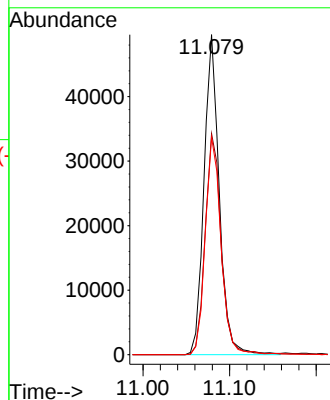
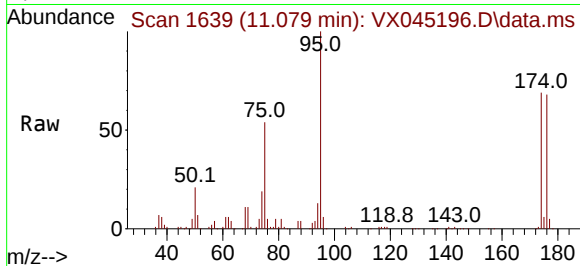




#62
4-Bromofluorobenzene
Concen: 53.137 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045196.D
Acq: 10 Mar 2025 15:16

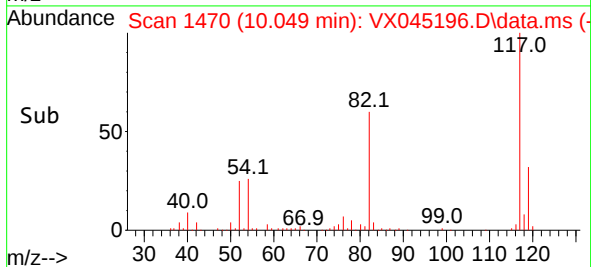
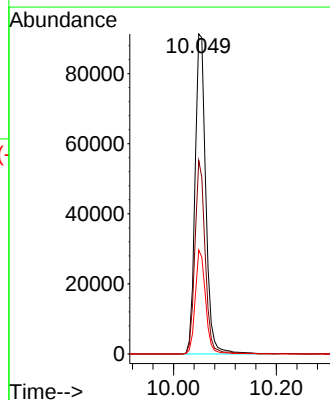
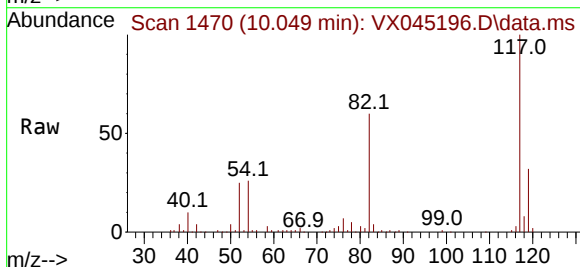
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20250305

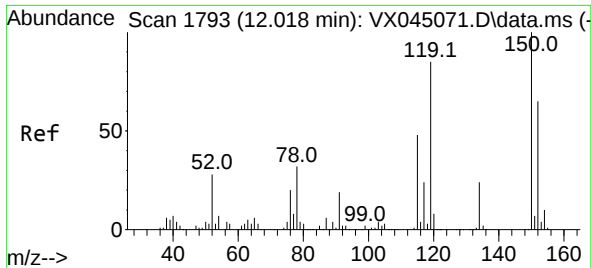
Tgt Ion: 95 Resp: 60678
Ion Ratio Lower Upper
95 100
174 72.6 0.0 148.2
176 70.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045196.D
Acq: 10 Mar 2025 15:16

Tgt Ion: 117 Resp: 132743
Ion Ratio Lower Upper
117 100
82 60.5 46.3 69.5
119 32.5 25.7 38.5

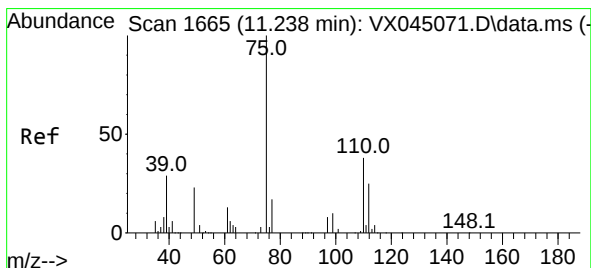
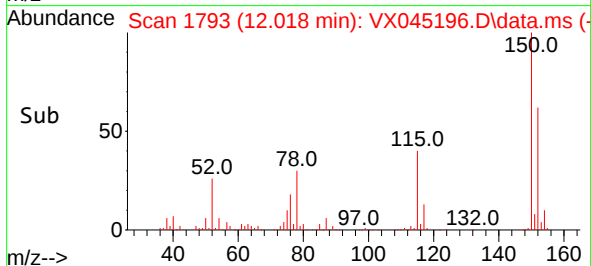
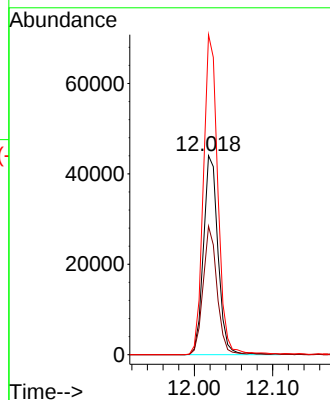
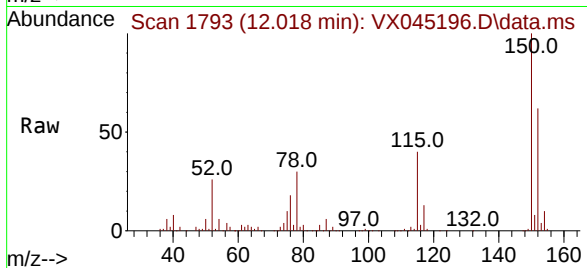




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045196.D
 Acq: 10 Mar 2025 15:16

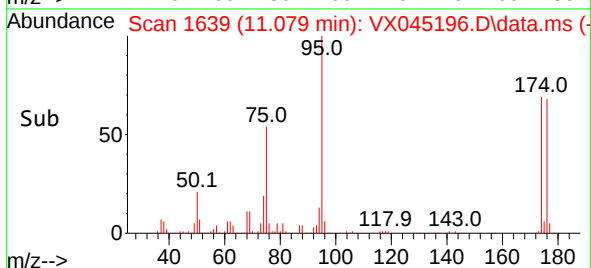
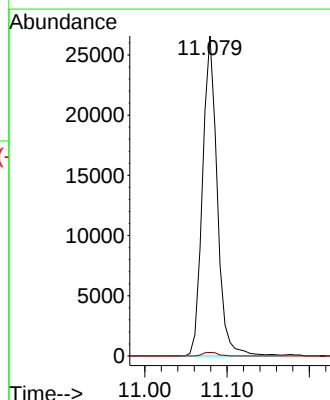
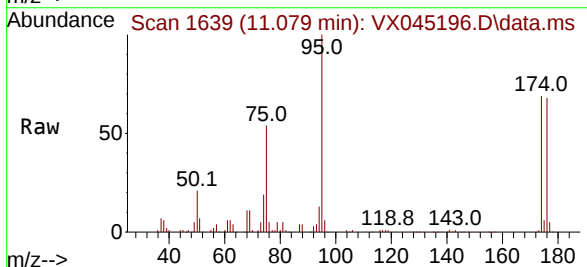
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20250305

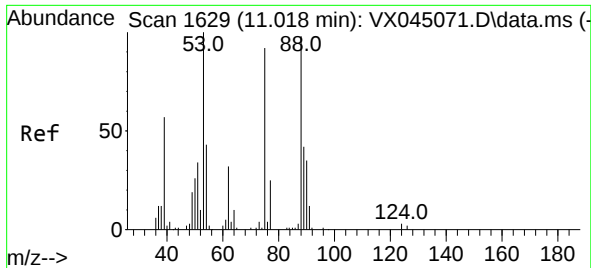
Tgt Ion:152 Resp: 56805
 Ion Ratio Lower Upper
 152 100
 115 61.5 44.2 132.6
 150 159.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.980 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045196.D
 Acq: 10 Mar 2025 15:16

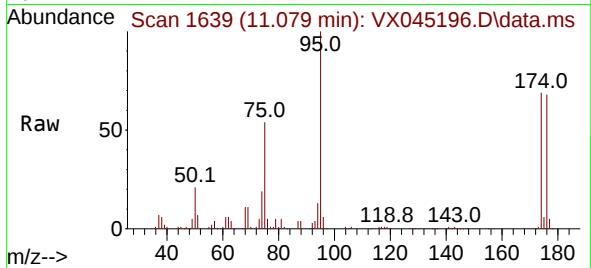
Tgt Ion: 75 Resp: 33027
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.486 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045196.D
Acq: 10 Mar 2025 15:16

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20250305



Tgt Ion: 75 Resp: 33027
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

