

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031225\
 Data File : VX045246.D
 Acq On : 12 Mar 2025 14:11
 Operator : JC/MD
 Sample : Q1531-06DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20250306DL

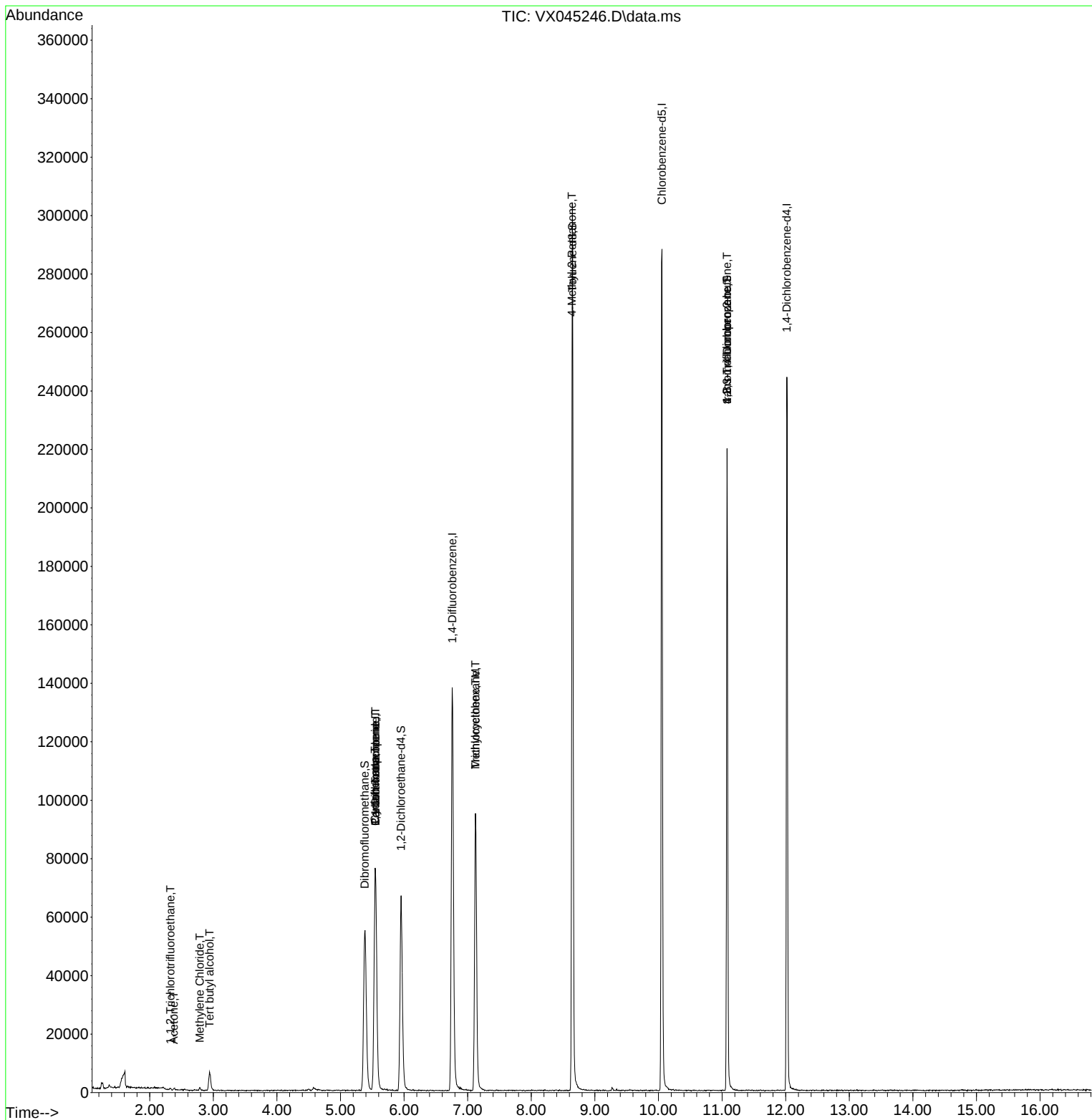
Quant Time: Mar 13 01:41:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

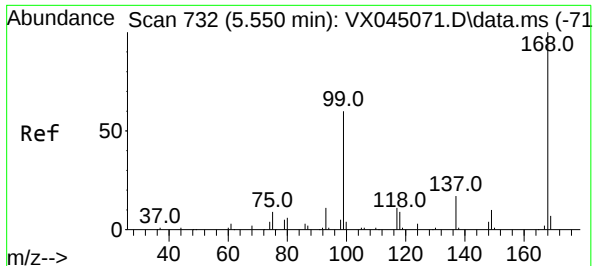
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.549	168	69808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138024	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60986	54.923	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.840%			
35) Dibromofluoromethane	5.379	113	48859	52.939	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.880%			
50) Toluene-d8	8.646	98	170604	50.988	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.980%			
62) 4-Bromofluorobenzene	11.079	95	56523	50.979	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.960%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.324	101	233	0.287	ug/l #	65
11) Tert butyl alcohol	2.940	59	3755	17.853	ug/l #	73
16) Acetone	2.379	43	556	1.079	ug/l #	75
20) Methylene Chloride	2.788	84	300	0.294	ug/l #	81
31) Cyclohexane	5.543	56	2107	1.395	ug/l #	23
36) 1,1-Dichloropropene	5.549	75	6391	5.049	ug/l #	52
38) Carbon Tetrachloride	5.549	117	7733	6.018	ug/l #	15
39) Methylcyclohexane	7.122	83	503	0.332	ug/l #	1
44) Trichloroethene	7.122	130	35577	37.909	ug/l	97
51) 4-Methyl-2-Pentanone	8.640	43	912	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31096	27.344	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31096	93.576	ug/l #	6

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

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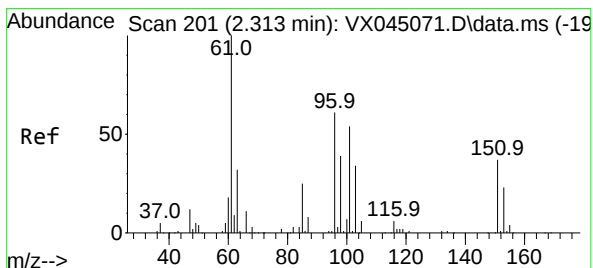
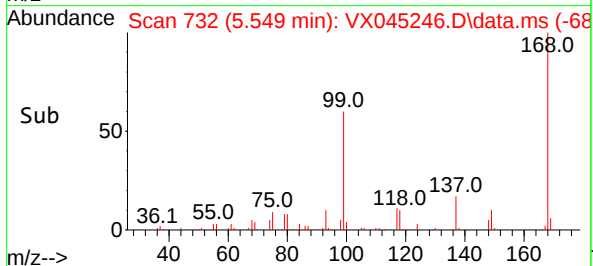
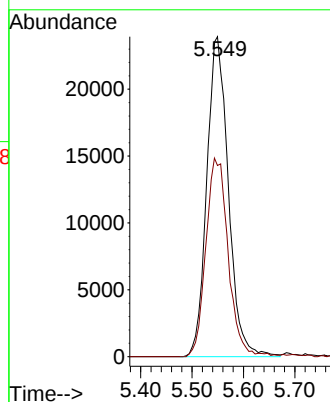
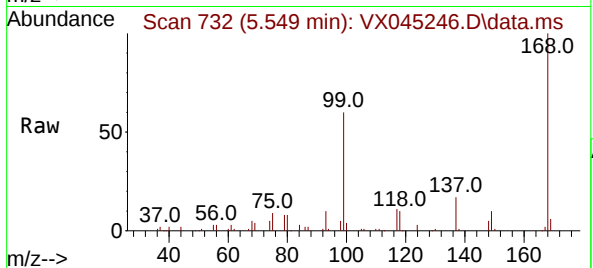




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX045246.D
Acq: 12 Mar 2025 14:11

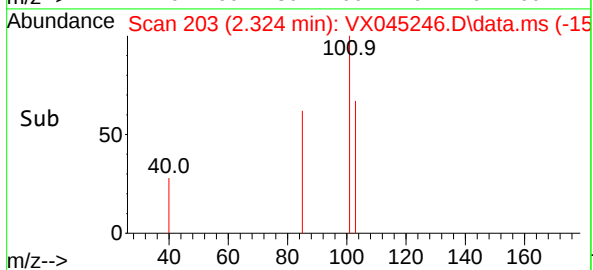
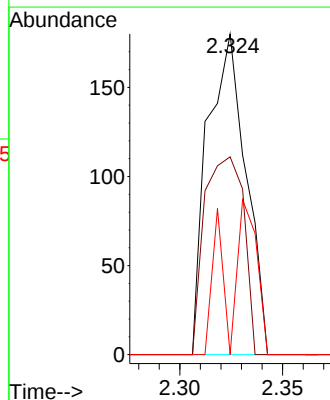
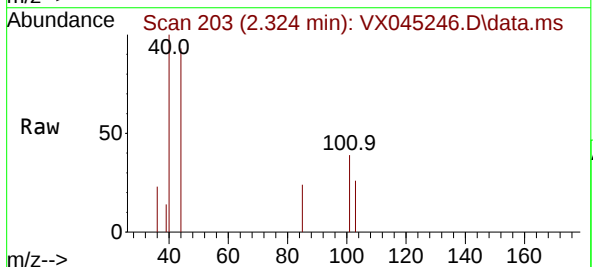
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20250306DL

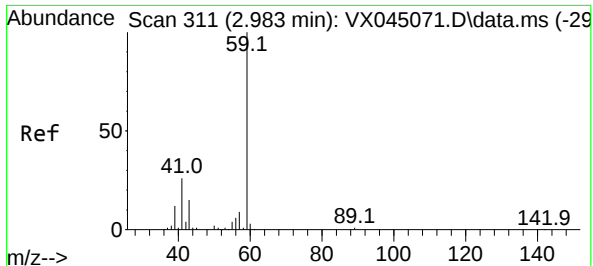
Tgt Ion:168 Resp: 69808
Ion Ratio Lower Upper
168 100
99 59.7 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.287 ug/l
RT: 2.324 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX045246.D
Acq: 12 Mar 2025 14:11

Tgt Ion:101 Resp: 233
Ion Ratio Lower Upper
101 100
85 63.1 36.2 54.4#
151 37.3 56.4 84.6#





#11

Tert butyl alcohol

Concen: 17.853 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.043 min

Lab File: VX045246.D

Acq: 12 Mar 2025 14:11

Instrument :

MSVOA_X

ClientSampleId :

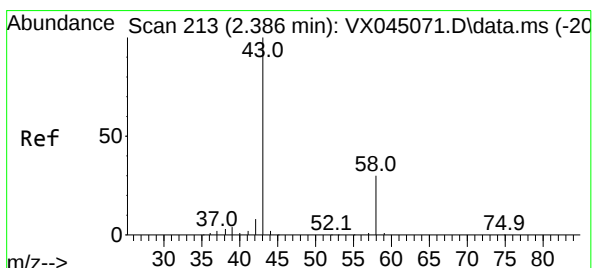
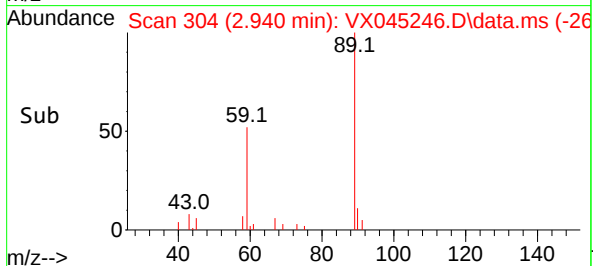
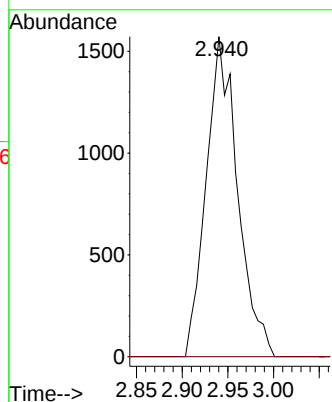
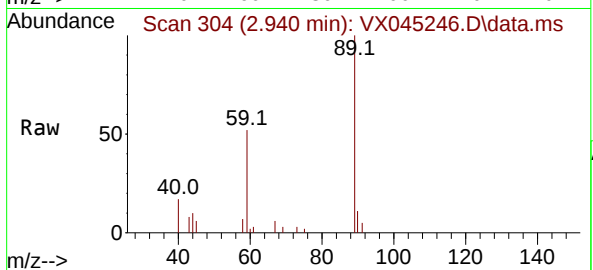
DUP01-20250306DL

Tgt Ion: 59 Resp: 3755

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 1.079 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045246.D

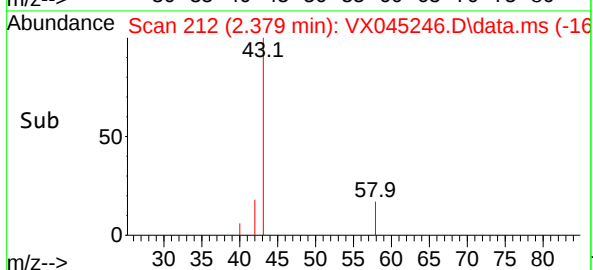
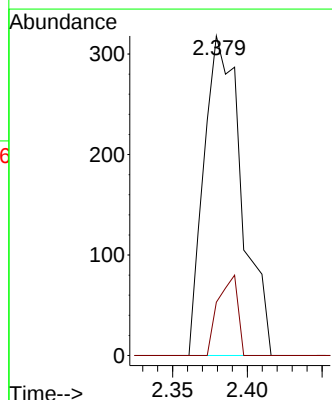
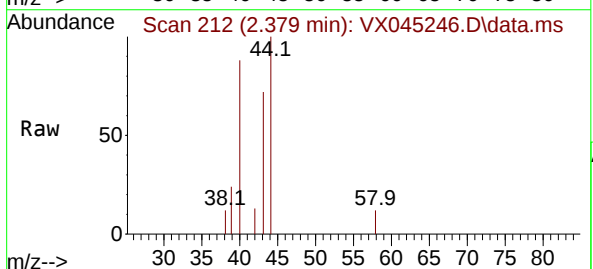
Acq: 12 Mar 2025 14:11

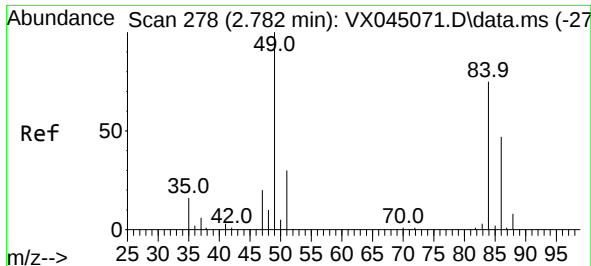
Tgt Ion: 43 Resp: 556

Ion Ratio Lower Upper

43 100

58 16.7 24.2 36.4#





#20

Methylene Chloride

Concen: 0.294 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX045246.D

Acq: 12 Mar 2025 14:11

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20250306DL

Tgt Ion: 84 Resp: 300

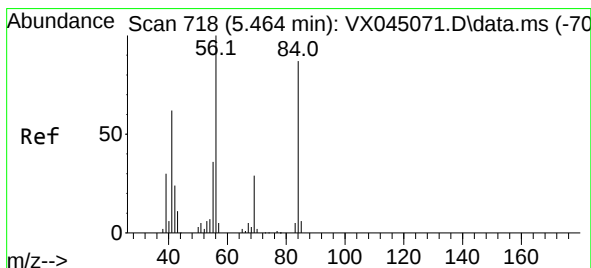
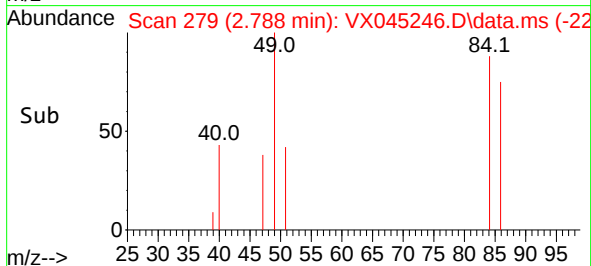
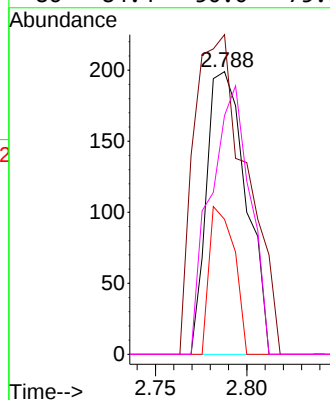
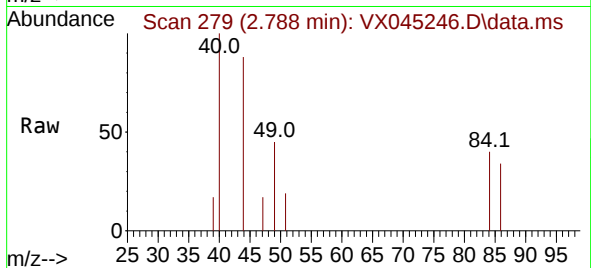
Ion Ratio Lower Upper

84 100

49 113.1 106.5 159.7

51 47.7 32.1 48.1

86 84.4 50.0 75.0#



#31

Cyclohexane

Concen: 1.395 ug/l

RT: 5.543 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX045246.D

Acq: 12 Mar 2025 14:11

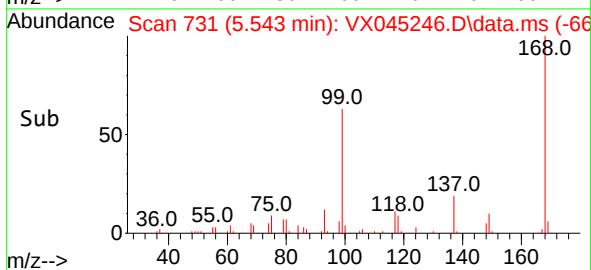
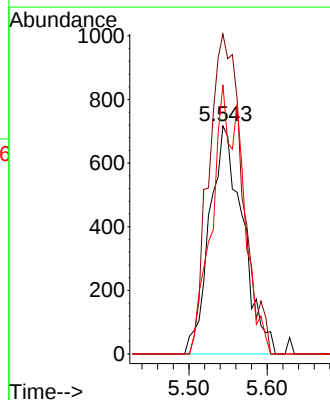
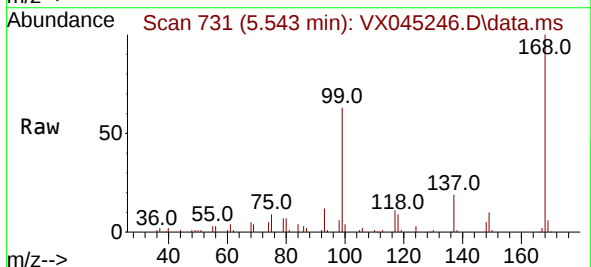
Tgt Ion: 56 Resp: 2107

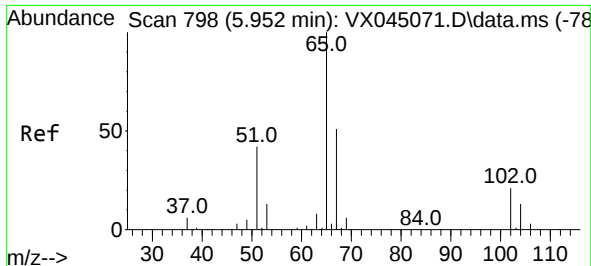
Ion Ratio Lower Upper

56 100

69 140.3 23.4 35.2#

84 118.0 69.4 104.2#

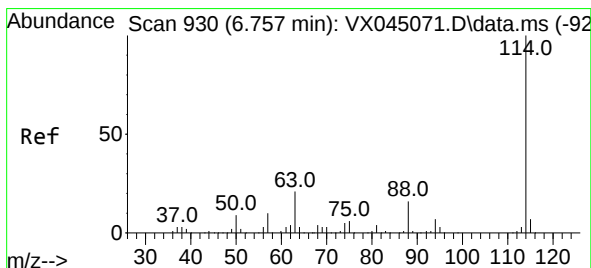
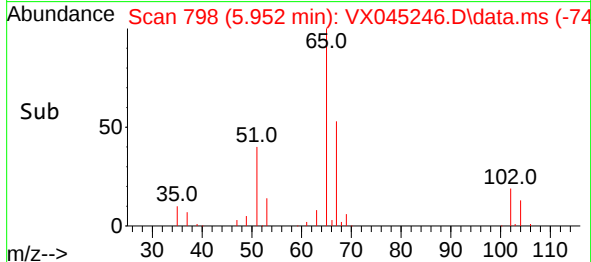
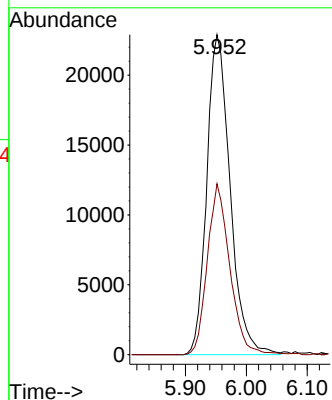
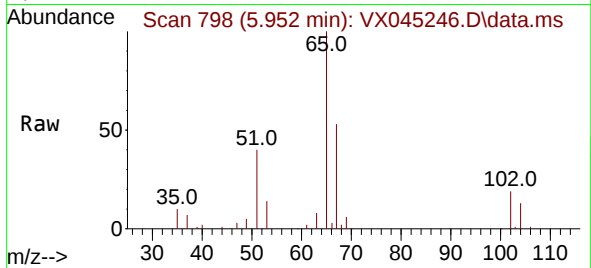




#33
 1,2-Dichloroethane-d4
 Concen: 54.923 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045246.D
 Acq: 12 Mar 2025 14:11

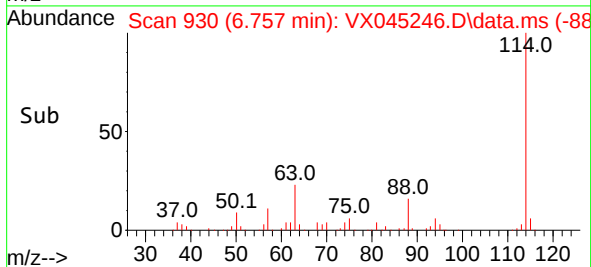
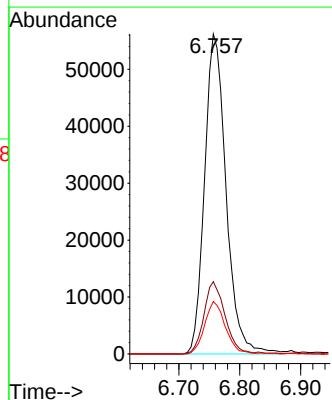
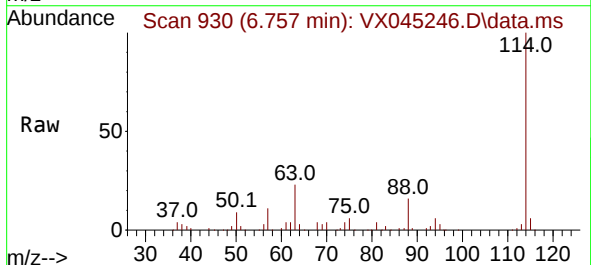
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20250306DL

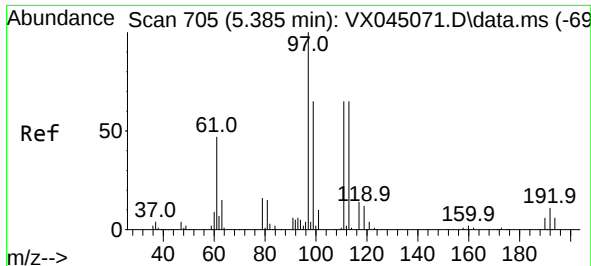
Tgt Ion: 65 Resp: 60986
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045246.D
 Acq: 12 Mar 2025 14:11

Tgt Ion: 114 Resp: 138024
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 41.8
 88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.939 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045246.D

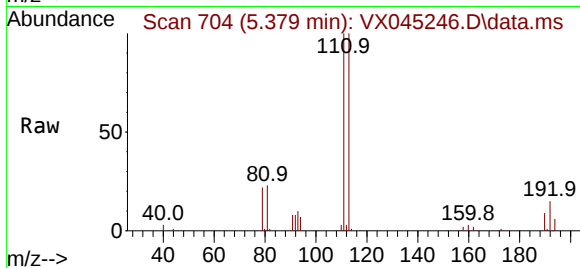
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Instrument :

MSVOA_X

ClientSampleId :

DUP01-20250306DL



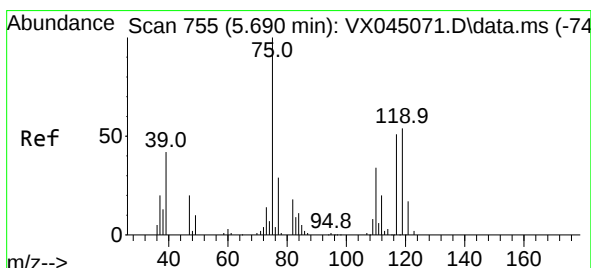
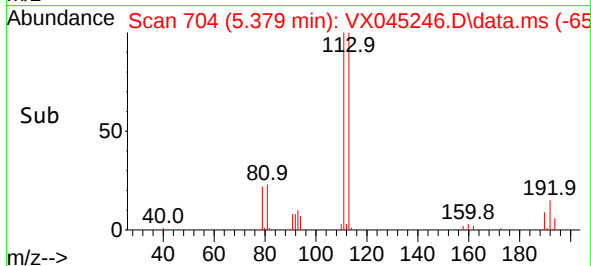
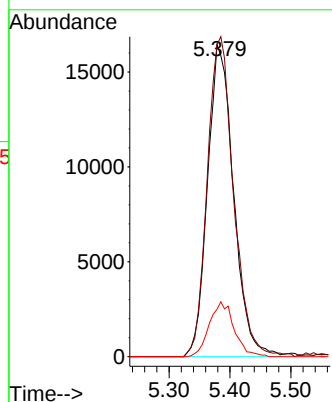
Tgt Ion:113 Resp: 48859

Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.6

192 16.8 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.049 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.141 min

Lab File: VX045246.D

Acq: 12 Mar 2025 14:11

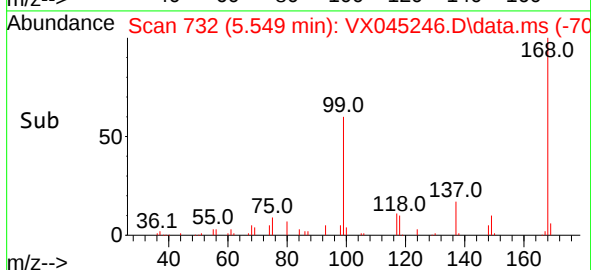
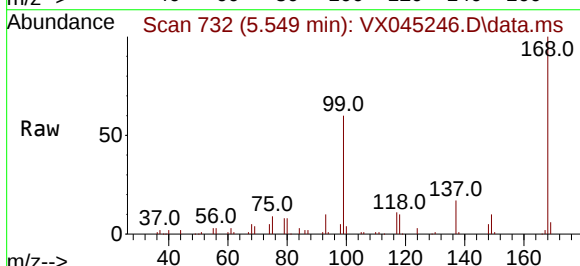
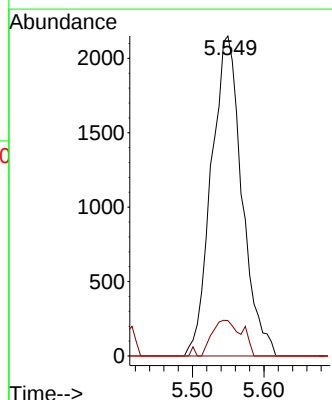
Tgt Ion: 75 Resp: 6391

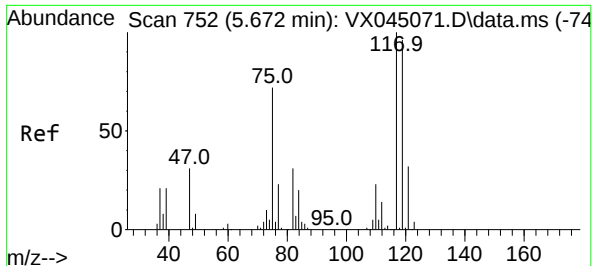
Ion Ratio Lower Upper

75 100

110 10.8 16.9 50.6#

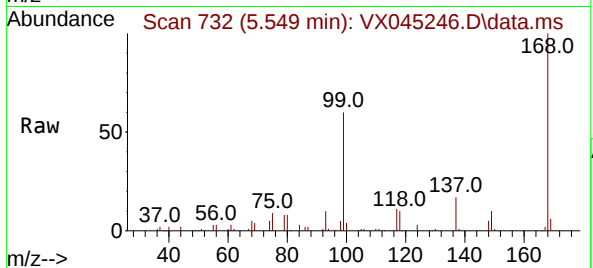
77 0.0 24.5 36.7#



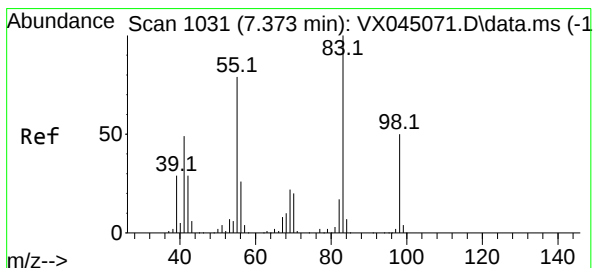
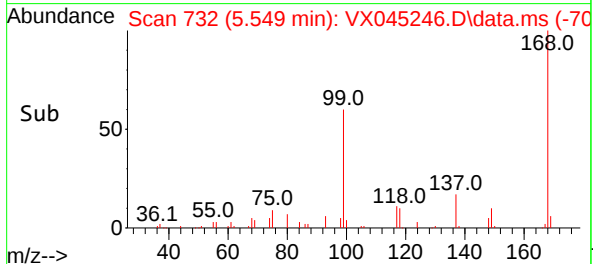
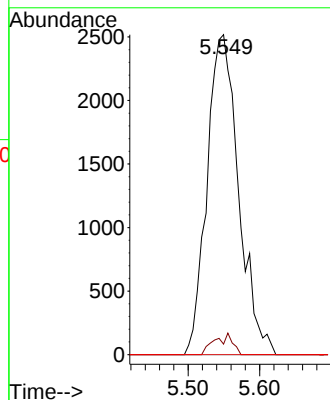


#38
Carbon Tetrachloride
Concen: 6.018 ug/l
RT: 5.549 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX045246.D
Acq: 12 Mar 2025 14:11

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20250306DL

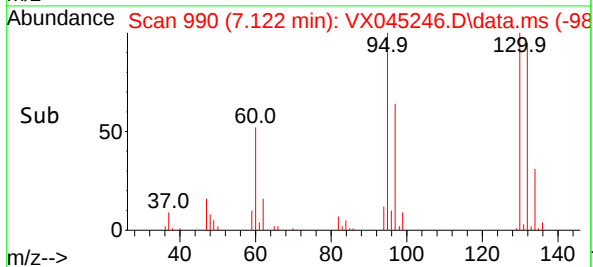
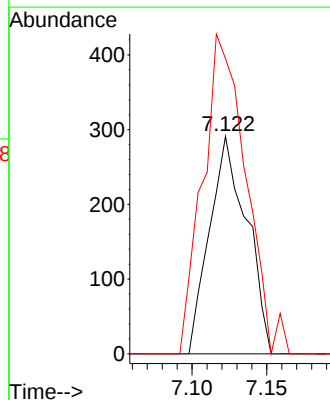
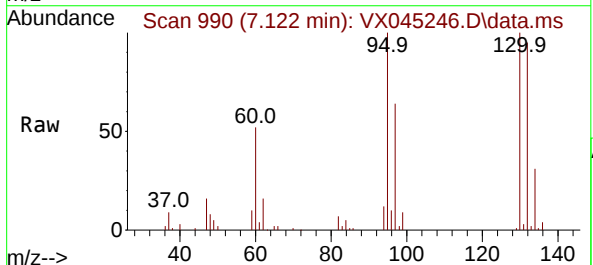


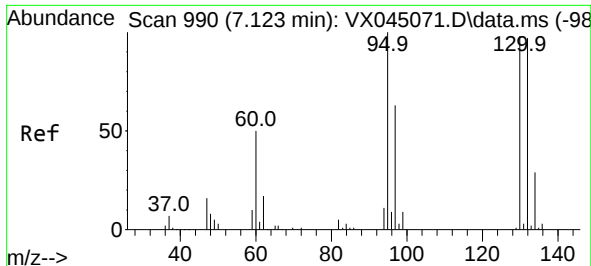
Tgt Ion:117 Resp: 7733
Ion Ratio Lower Upper
117 100
119 3.3 76.7 115.1#
121 0.0 25.5 38.3#



#39
Methylcyclohexane
Concen: 0.332 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.250 min
Lab File: VX045246.D
Acq: 12 Mar 2025 14:11

Tgt Ion: 83 Resp: 503
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 135.7 39.7 59.5#

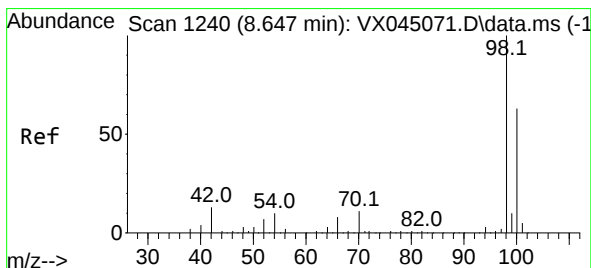
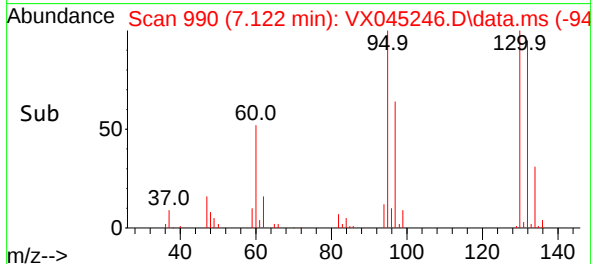
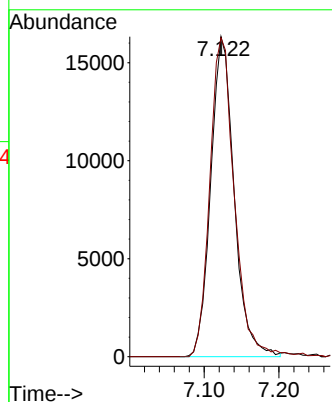
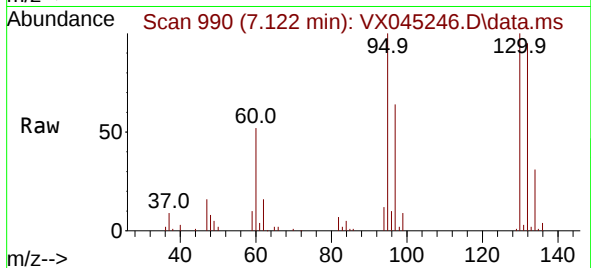




#44
 Trichloroethene
 Concen: 37.909 ug/l
 RT: 7.122 min Scan# 990
 Delta R.T. -0.000 min
 Lab File: VX045246.D
 Acq: 12 Mar 2025 14:11

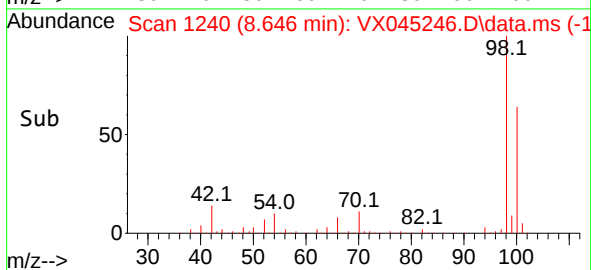
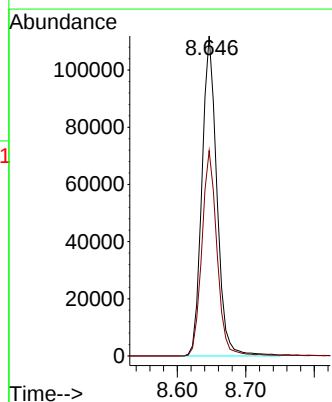
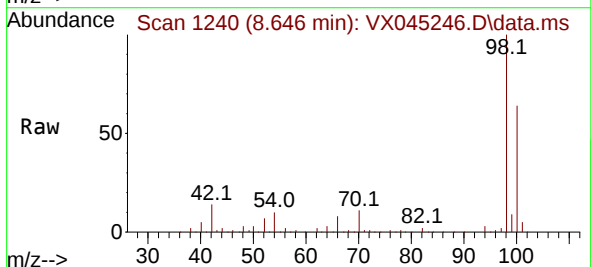
Instrument :
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 ClientSampleId :
 DUP01-20250306DL

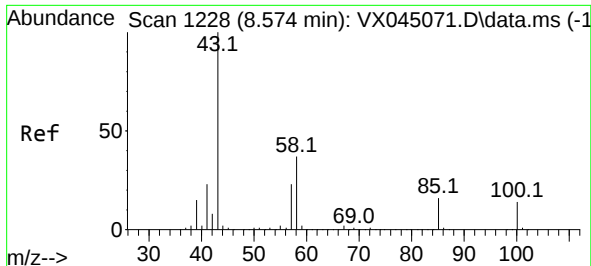
Tgt Ion:130 Resp: 35577
 Ion Ratio Lower Upper
 130 100
 95 99.6 0.0 205.0



#50
 Toluene-d8
 Concen: 50.988 ug/l
 RT: 8.646 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX045246.D
 Acq: 12 Mar 2025 14:11

Tgt Ion: 98 Resp: 170604
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.0 78.0

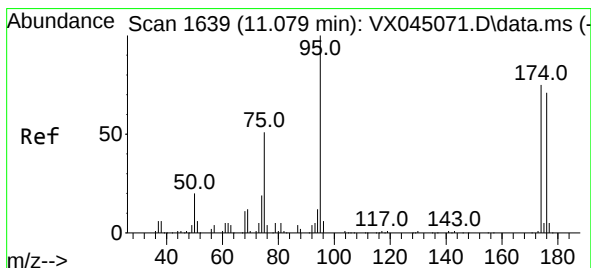
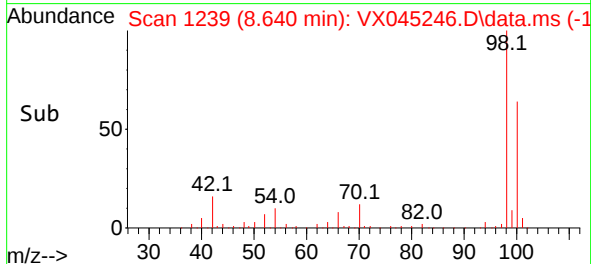
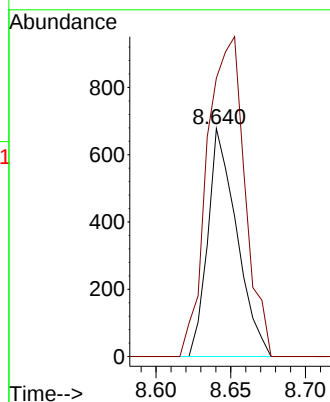
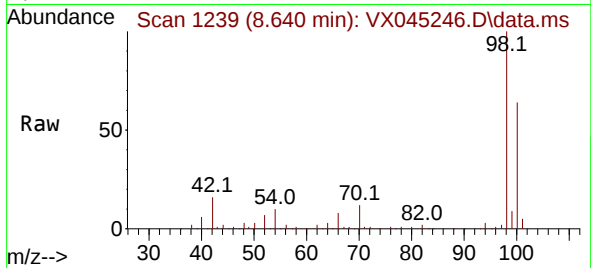




#51
 4-Methyl-2-Pentanone
 Concen: 0.563 ug/l
 RT: 8.640 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX045246.D
 Acq: 12 Mar 2025 14:11

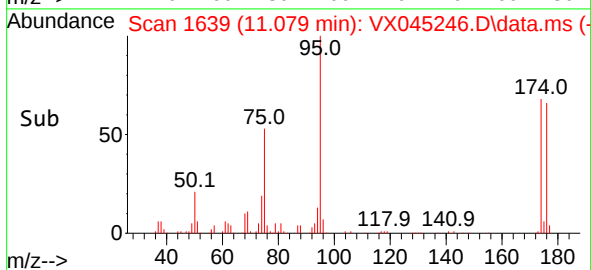
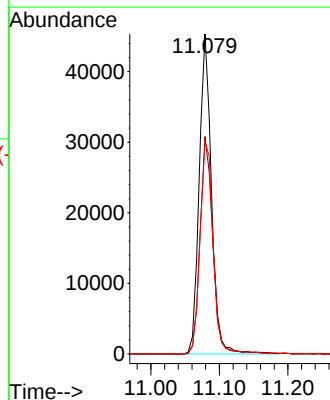
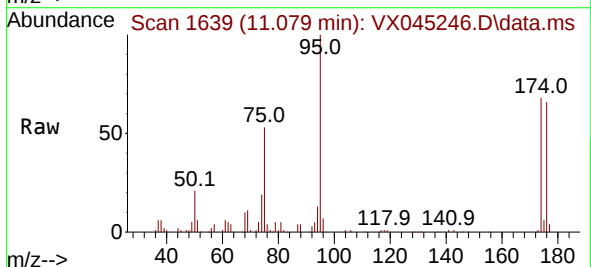
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20250306DL

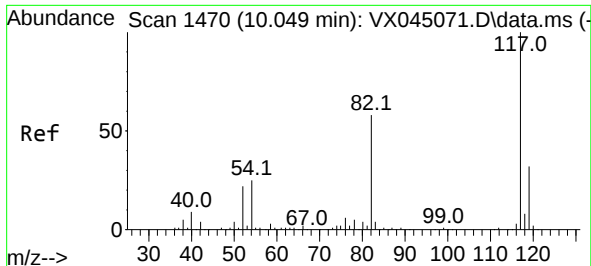
Tgt Ion: 43 Resp: 912
 Ion Ratio Lower Upper
 43 100
 58 182.2 29.2 43.8#



#62
 4-Bromofluorobenzene
 Concen: 50.979 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX045246.D
 Acq: 12 Mar 2025 14:11

Tgt Ion: 95 Resp: 56523
 Ion Ratio Lower Upper
 95 100
 174 70.4 0.0 148.2
 176 70.6 0.0 141.4

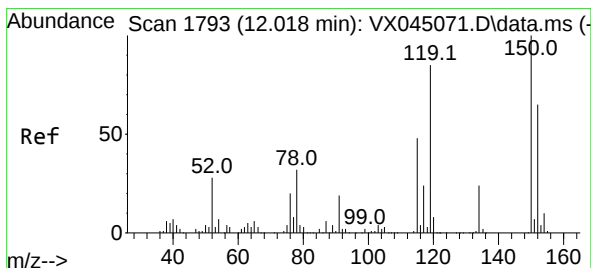
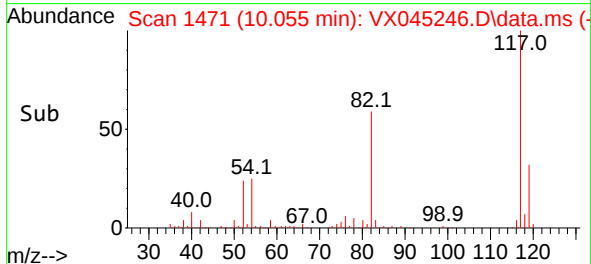
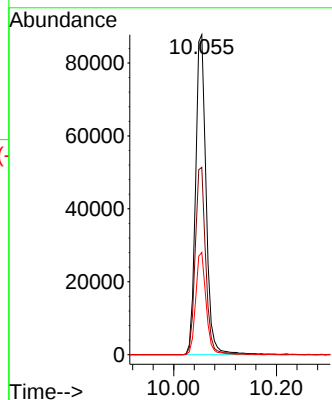
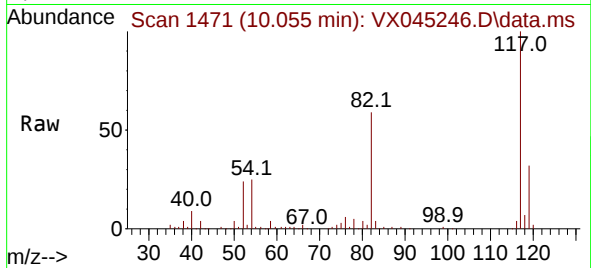




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045246.D
Acq: 12 Mar 2025 14:11

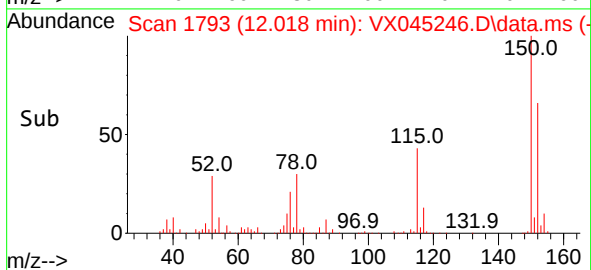
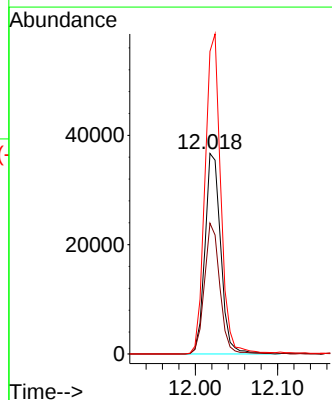
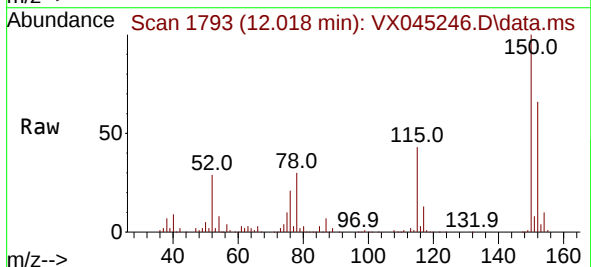
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20250306DL

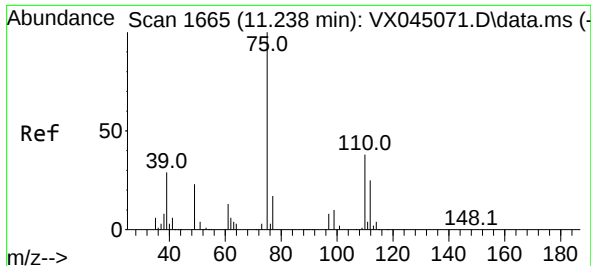
Tgt Ion:117 Resp: 125294
Ion Ratio Lower Upper
117 100
82 58.5 46.3 69.5
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045246.D
Acq: 12 Mar 2025 14:11

Tgt Ion:152 Resp: 48860
Ion Ratio Lower Upper
152 100
115 63.4 44.2 132.6
150 159.0 0.0 349.0

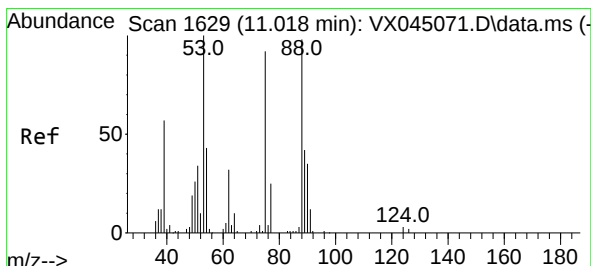
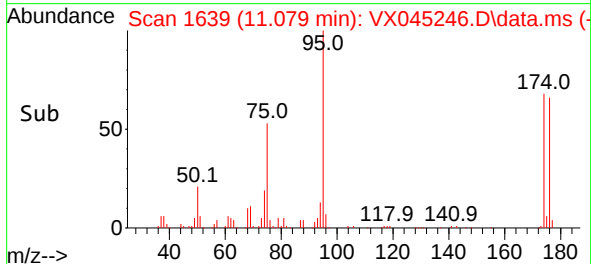
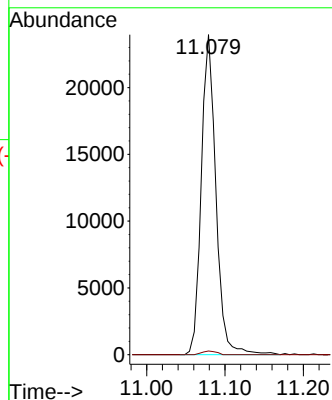
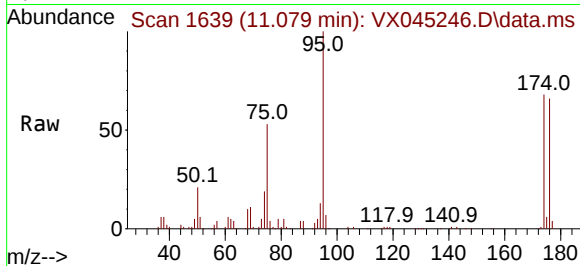




#76
1,2,3-Trichloropropane
Concen: 27.344 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045246.D
Acq: 12 Mar 2025 14:11

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20250306DL

Tgt Ion: 75 Resp: 31096
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.576 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045246.D
Acq: 12 Mar 2025 14:11

Tgt Ion: 75 Resp: 31096
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.1 36.2 54.4#

