

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045319.D
 Acq On : 18 Mar 2025 12:54
 Operator : JC/MD
 Sample : Q1559-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20250310DL

Quant Time: Mar 19 01:43:10 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)

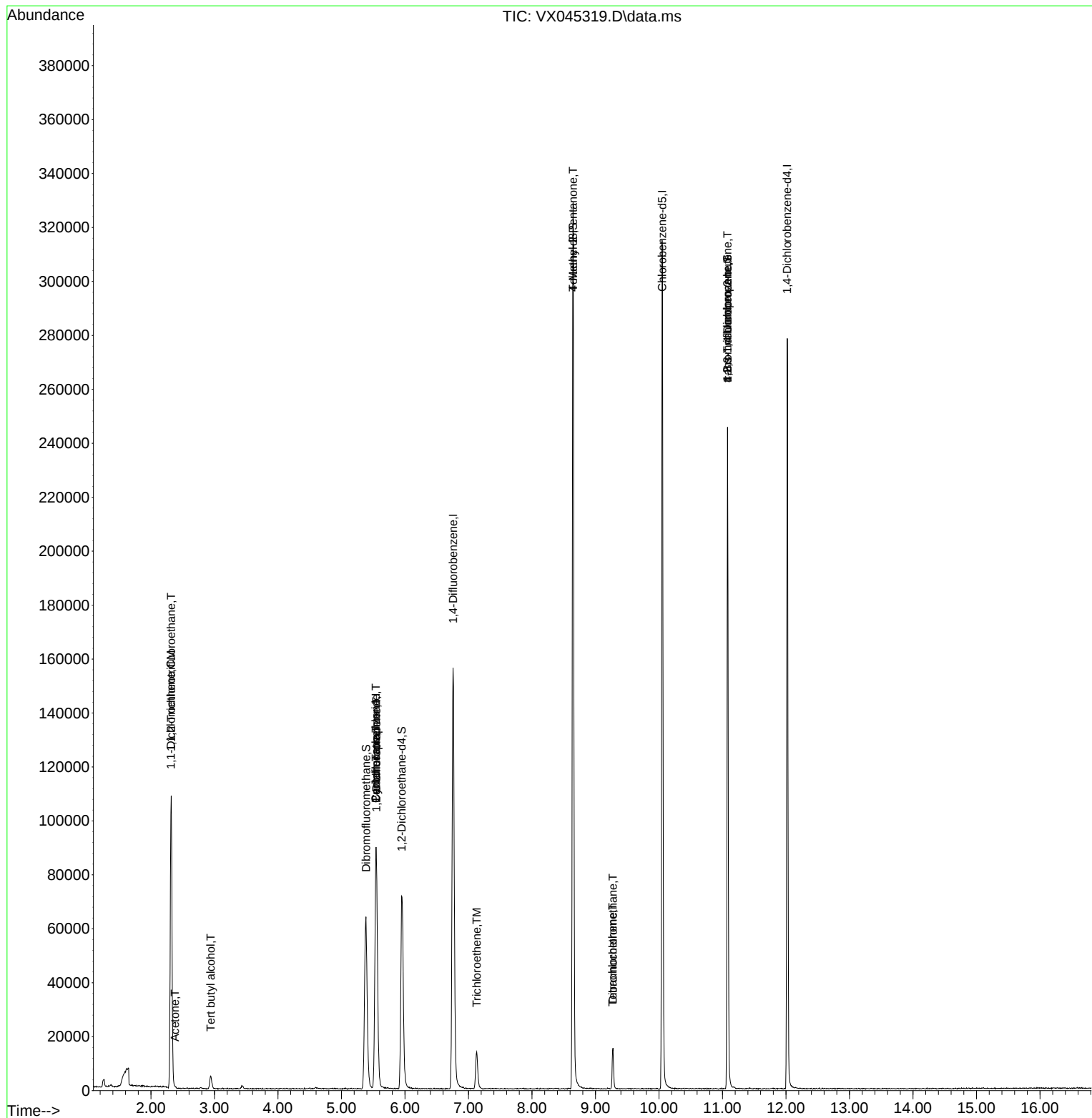
Internal Standards						
1) Pentafluorobenzene	5.544	168	80996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	70383	54.630	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.260%	
35) Dibromofluoromethane	5.385	113	55361	53.633	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.260%	
50) Toluene-d8	8.647	98	191288	51.117	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.240%	
62) 4-Bromofluorobenzene	11.079	95	61549	49.635	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.260%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.319	101	43335	46.034	ug/l	99
11) Tert butyl alcohol	2.941	59	2889	11.838	ug/l #	73
12) 1,1-Dichloroethene	2.313	96	322	0.324	ug/l #	51
16) Acetone	2.380	43	496	0.830	ug/l #	44
31) Cyclohexane	5.544	56	2270	1.295	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	7474	5.280	ug/l #	46
38) Carbon Tetrachloride	5.544	117	9004	6.265	ug/l #	16
44) Trichloroethene	7.129	130	5652	5.385	ug/l	88
51) 4-Methyl-2-Pentanone	8.647	43	1047	0.578	ug/l #	1
60) Dibromochloromethane	9.275	129	2940	2.604	ug/l #	11
64) Tetrachloroethene	9.269	164	2920	3.369	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	34305	28.239	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34305	96.640	ug/l #	6

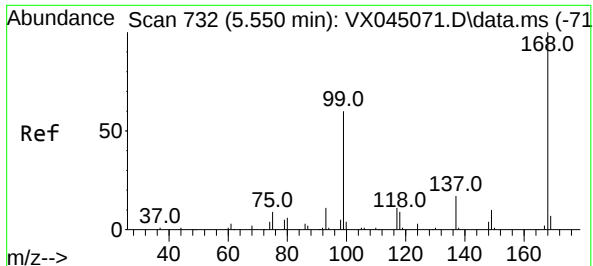
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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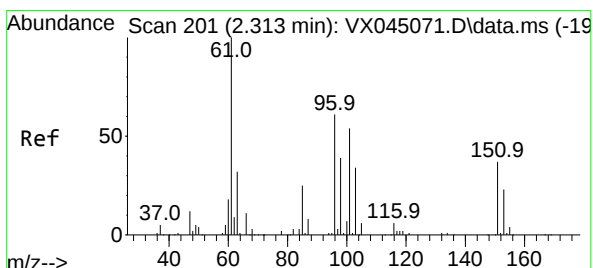
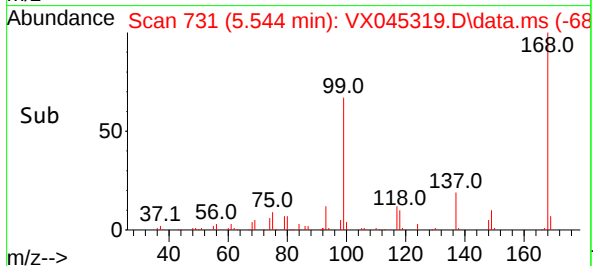
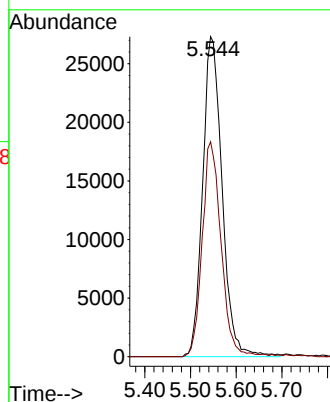
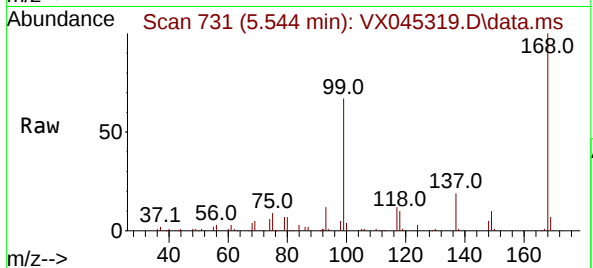




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045319.D
Acq: 18 Mar 2025 12:54

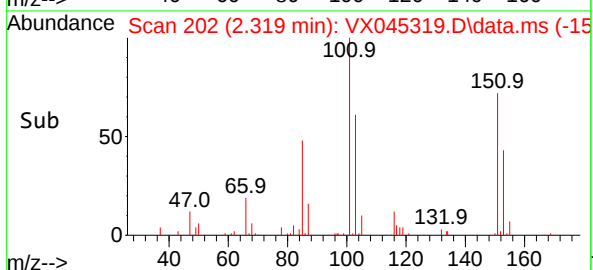
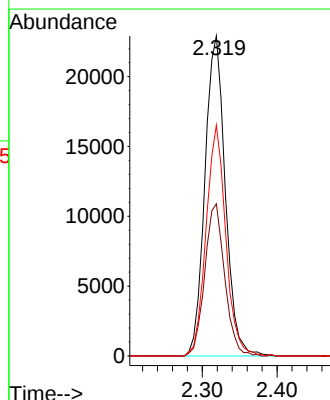
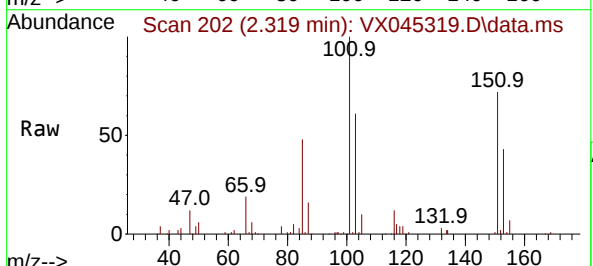
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20250310DL

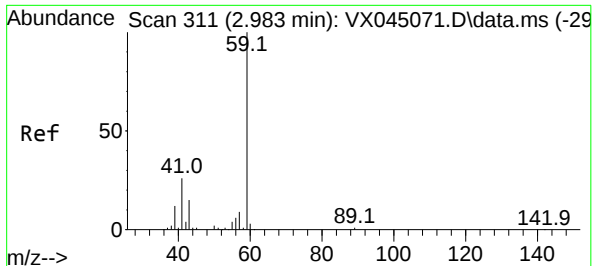
Tgt Ion:168 Resp: 80996
Ion Ratio Lower Upper
168 100
99 67.1 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.034 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045319.D
Acq: 18 Mar 2025 12:54

Tgt Ion:101 Resp: 43335
Ion Ratio Lower Upper
101 100
85 46.6 36.2 54.4
151 69.8 56.4 84.6





#11

Tert butyl alcohol

Concen: 11.838 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.043 min

Lab File: VX045319.D

Acq: 18 Mar 2025 12:54

Instrument :

MSVOA_X

ClientSampleId :

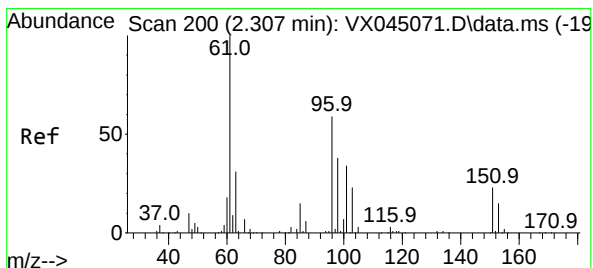
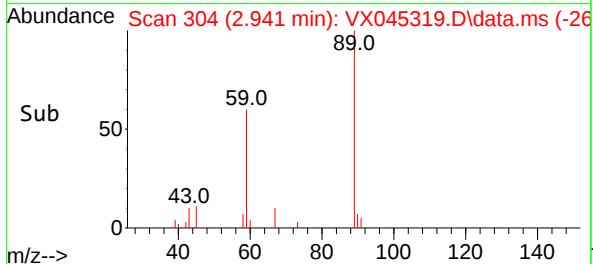
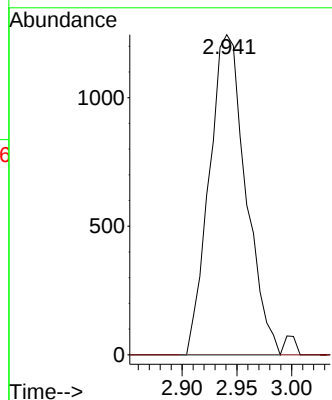
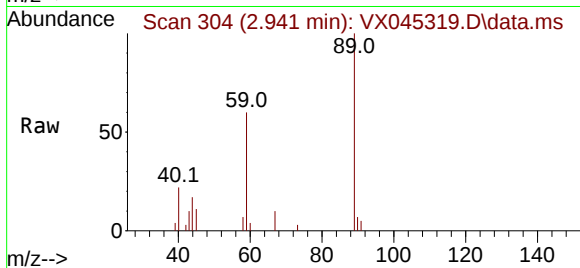
RE134D4-20250310DL

Tgt Ion: 59 Resp: 2889

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 0.324 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX045319.D

Acq: 18 Mar 2025 12:54

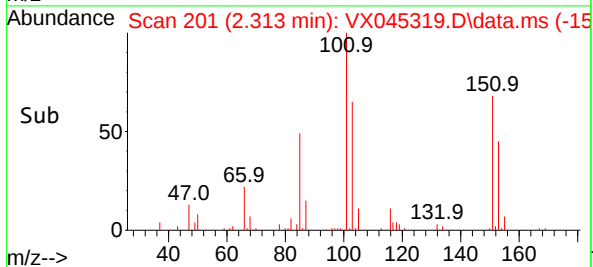
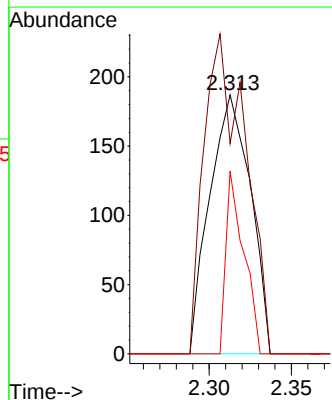
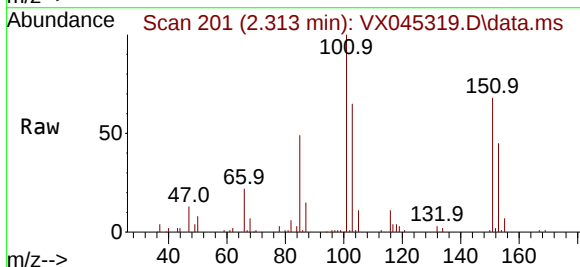
Tgt Ion: 96 Resp: 322

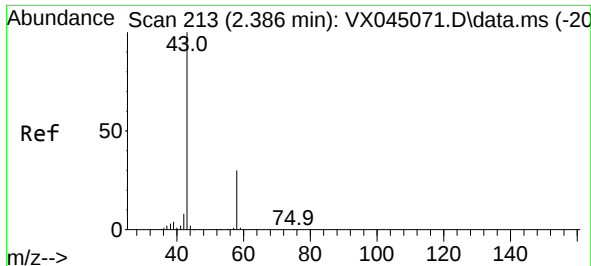
Ion Ratio Lower Upper

96 100

61 81.3 134.6 202.0#

98 70.6 51.0 76.6

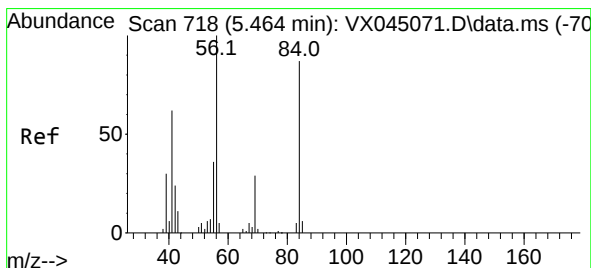
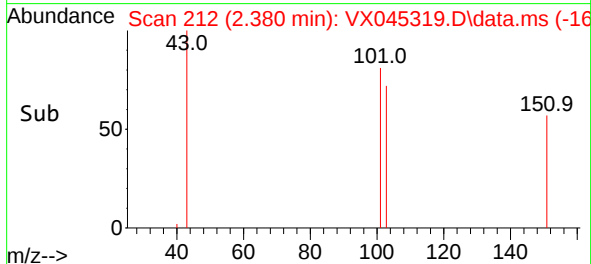
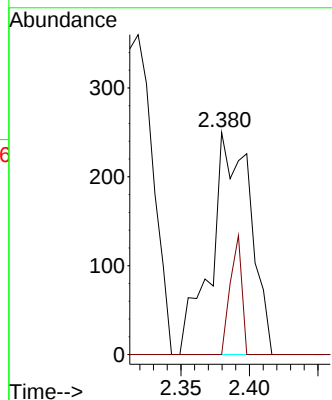
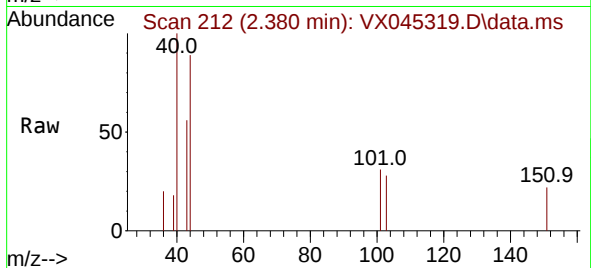




#16
Acetone
Concen: 0.830 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045319.D
Acq: 18 Mar 2025 12:54

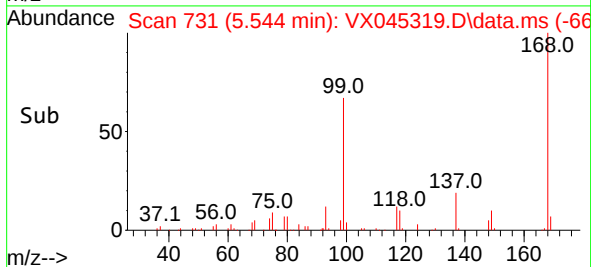
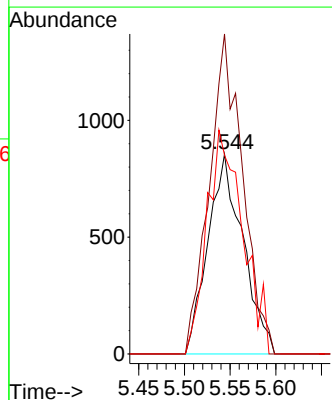
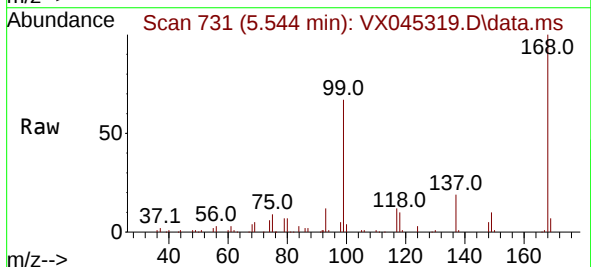
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20250310DL

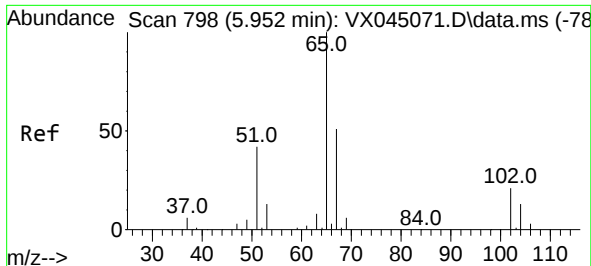
Tgt Ion: 43 Resp: 496
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#31
Cyclohexane
Concen: 1.295 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045319.D
Acq: 18 Mar 2025 12:54

Tgt Ion: 56 Resp: 2270
Ion Ratio Lower Upper
56 100
69 160.0 23.4 35.2#
84 99.4 69.4 104.2





#33

1,2-Dichloroethane-d4

Concen: 54.630 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045319.D

Acq: 18 Mar 2025 12:54

Instrument :

MSVOA_X

ClientSampleId :

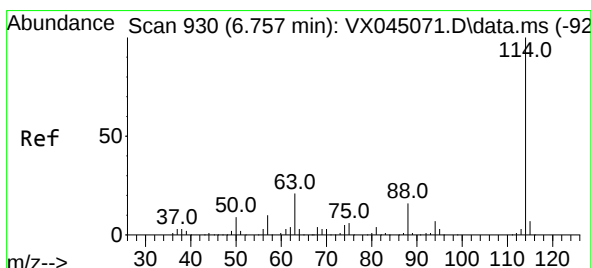
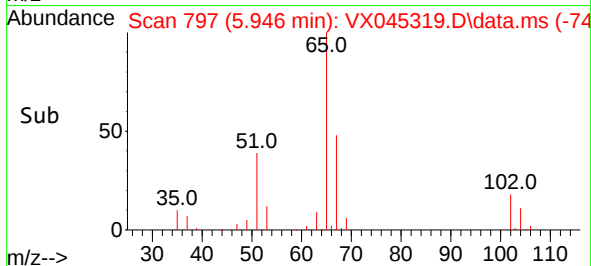
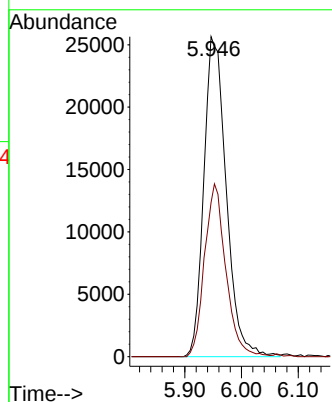
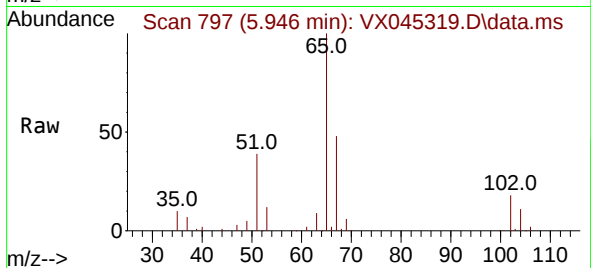
RE134D4-20250310DL

Tgt Ion: 65 Resp: 70383

Ion Ratio Lower Upper

65 100

67 51.3 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: VX045319.D

Acq: 18 Mar 2025 12:54

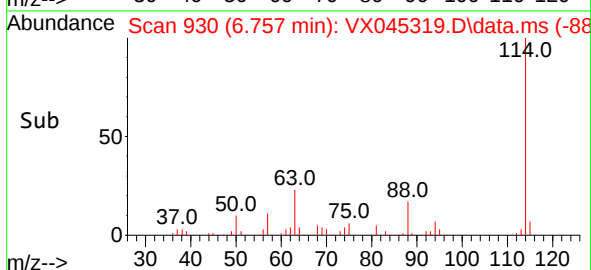
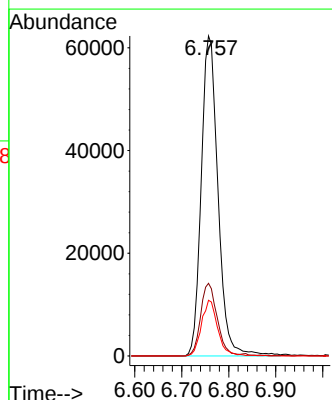
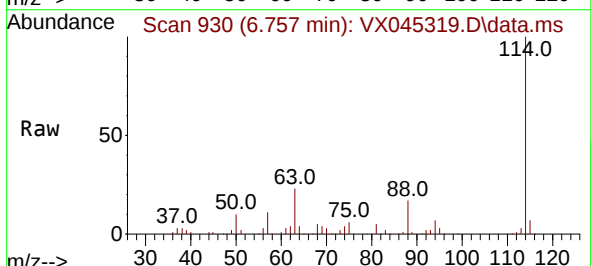
Tgt Ion: 114 Resp: 154368

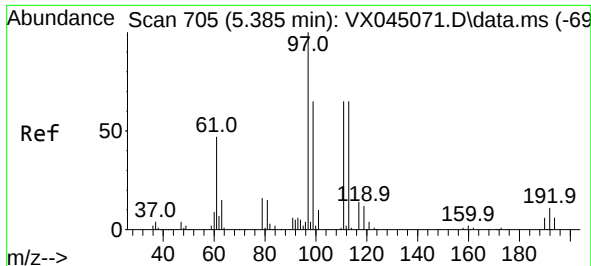
Ion Ratio Lower Upper

114 100

63 22.7 0.0 41.8

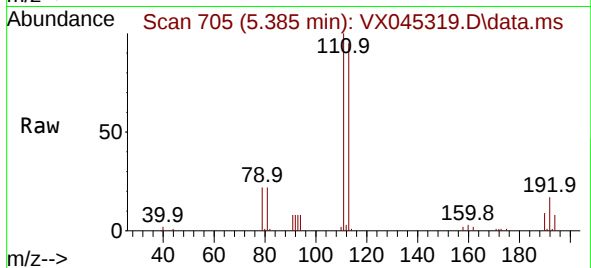
88 17.4 0.0 32.8



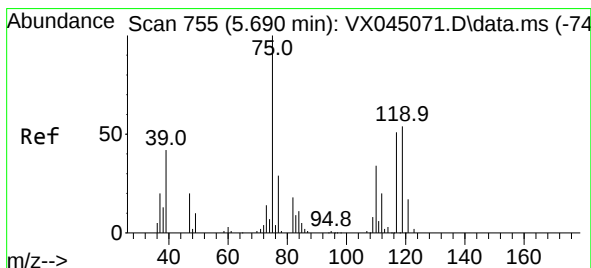
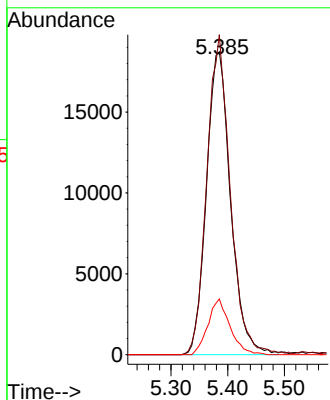
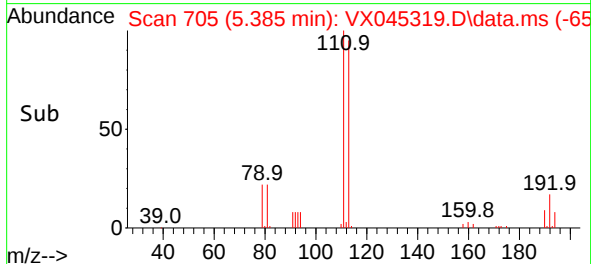


#35
Dibromofluoromethane
Concen: 53.633 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045319.D
Acq: 18 Mar 2025 12:54

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20250310DL

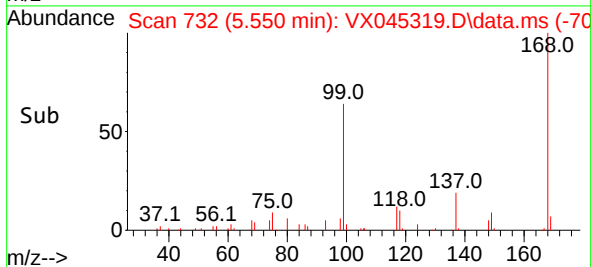
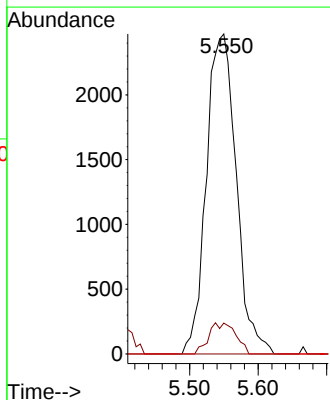
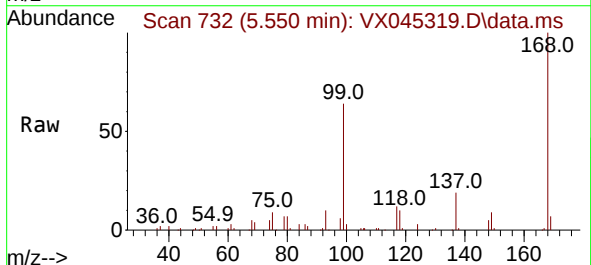


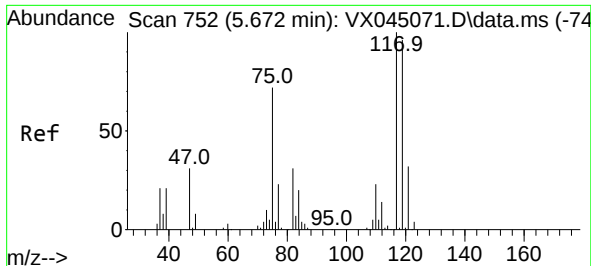
Tgt Ion:113 Resp: 55361
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.6
192 16.8 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.280 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX045319.D
Acq: 18 Mar 2025 12:54

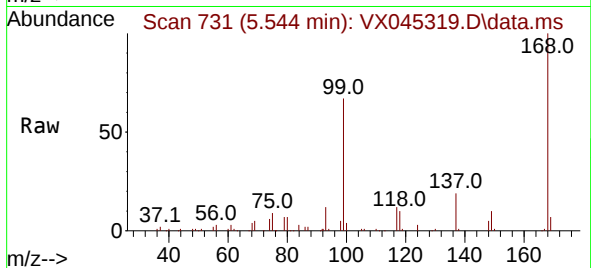
Tgt Ion: 75 Resp: 7474
Ion Ratio Lower Upper
75 100
110 4.1 16.9 50.6#
77 0.0 24.5 36.7#



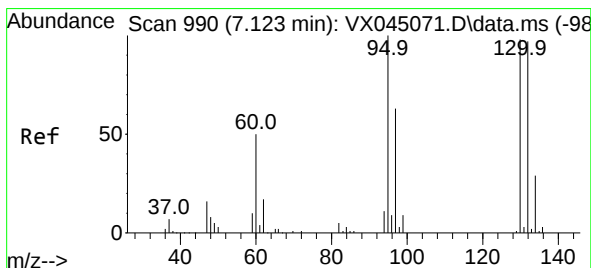
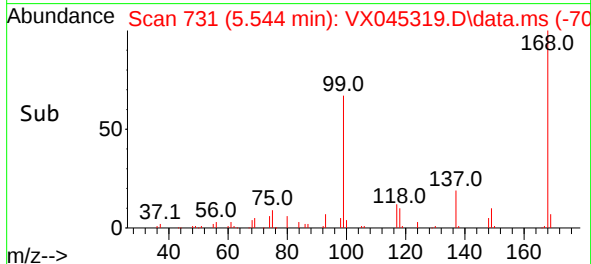
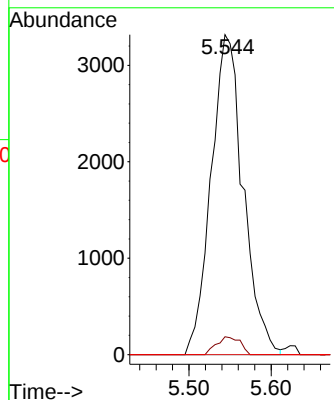


#38
Carbon Tetrachloride
Concen: 6.265 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX045319.D
Acq: 18 Mar 2025 12:54

Instrument :
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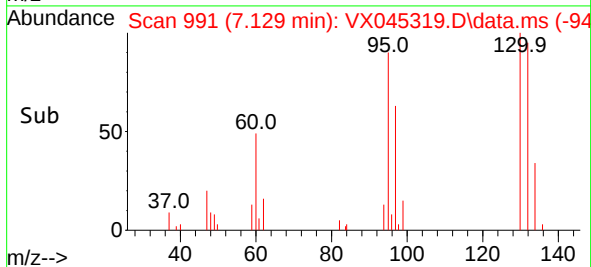
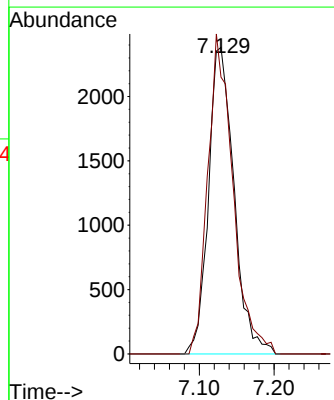
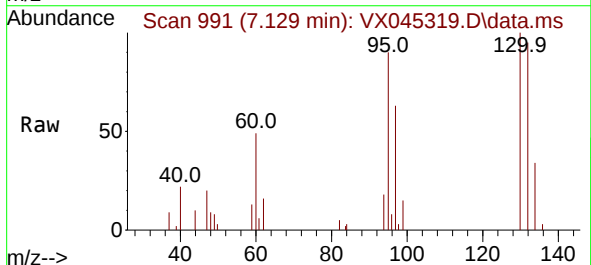


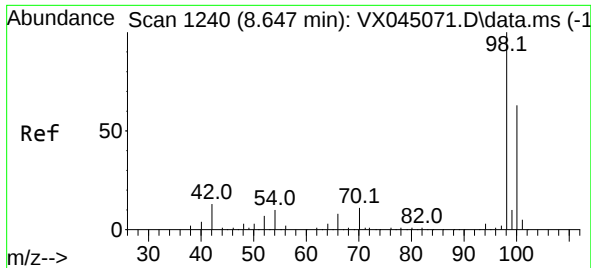
Tgt Ion:117 Resp: 9004
Ion Ratio Lower Upper
117 100
119 5.6 76.7 115.1#
121 0.0 25.5 38.3#



#44
Trichloroethene
Concen: 5.385 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045319.D
Acq: 18 Mar 2025 12:54

Tgt Ion:130 Resp: 5652
Ion Ratio Lower Upper
130 100
95 90.3 0.0 205.0

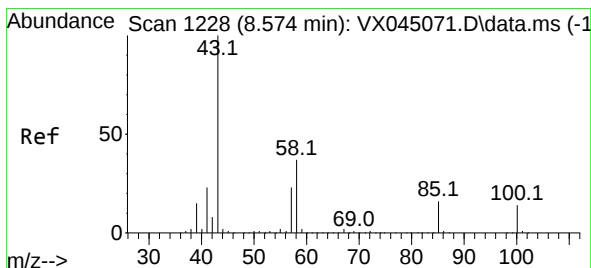
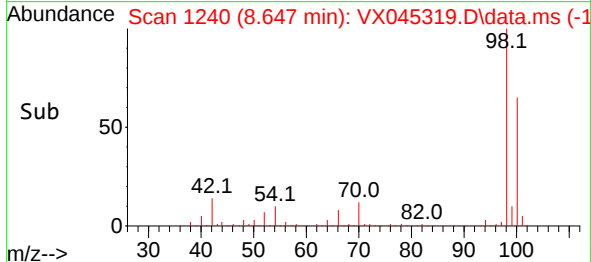
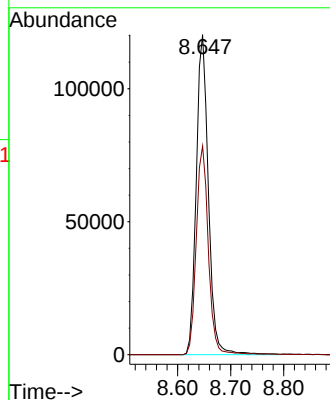
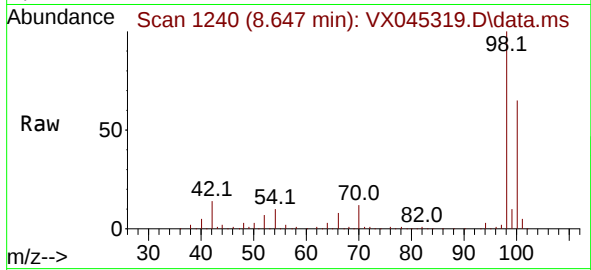




#50
Toluene-d8
Concen: 51.117 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045319.D
Acq: 18 Mar 2025 12:54

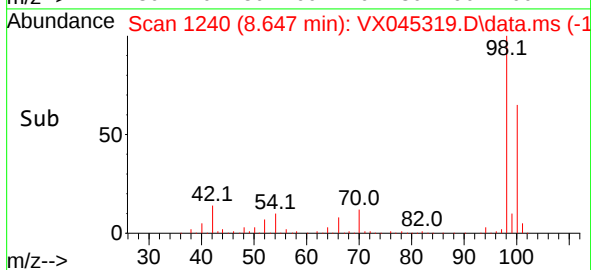
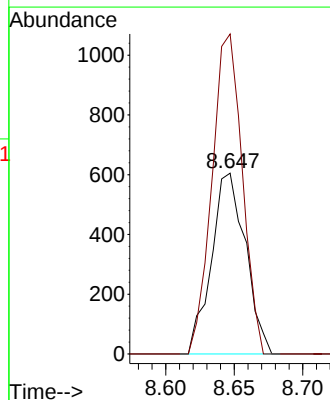
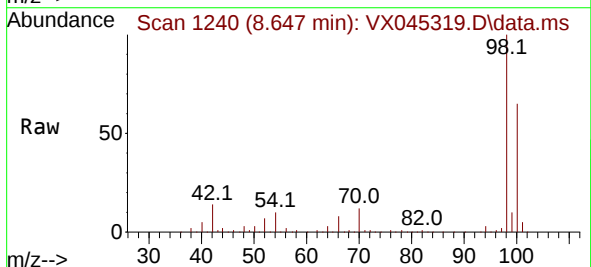
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20250310DL

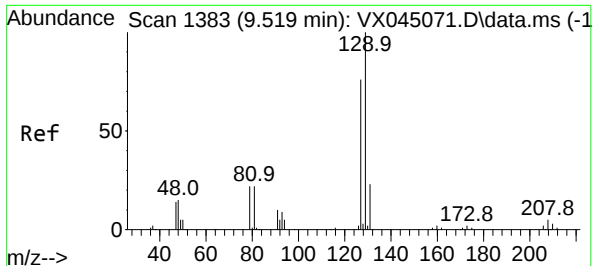
Tgt Ion: 98 Resp: 191288
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.578 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045319.D
Acq: 18 Mar 2025 12:54

Tgt Ion: 43 Resp: 1047
Ion Ratio Lower Upper
43 100
58 157.3 29.2 43.8#

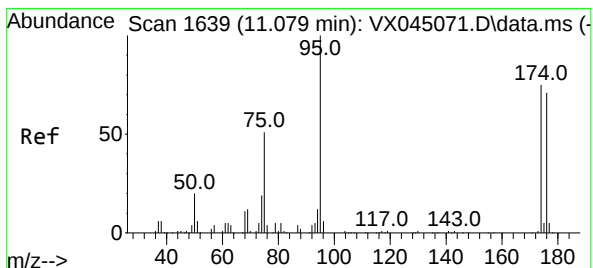
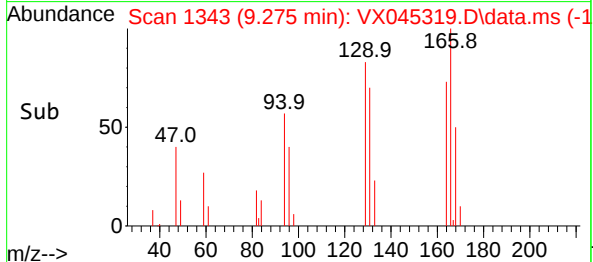
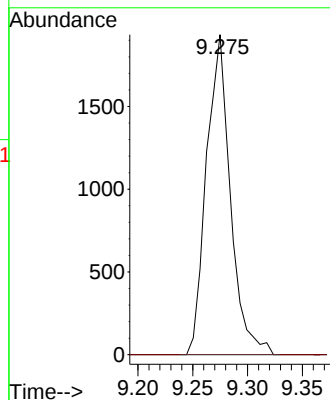
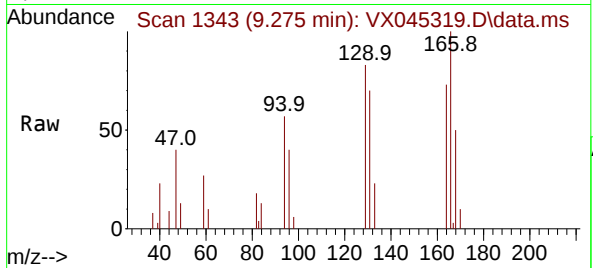




#60
Dibromochloromethane
Concen: 2.604 ug/l
RT: 9.275 min Scan# 1133
Delta R.T. -0.244 min
Lab File: VX045319.D
Acq: 18 Mar 2025 12:54

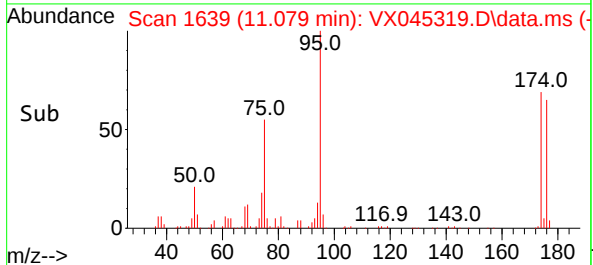
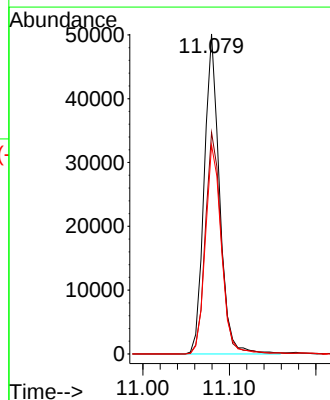
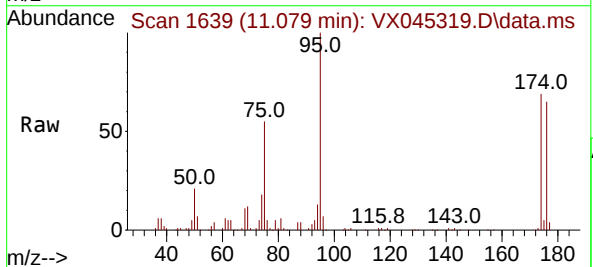
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20250310DL

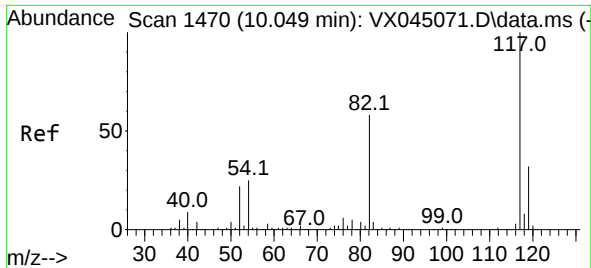
Tgt Ion:129 Resp: 2940
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 49.635 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045319.D
Acq: 18 Mar 2025 12:54

Tgt Ion: 95 Resp: 61549
Ion Ratio Lower Upper
95 100
174 72.5 0.0 148.2
176 68.2 0.0 141.4

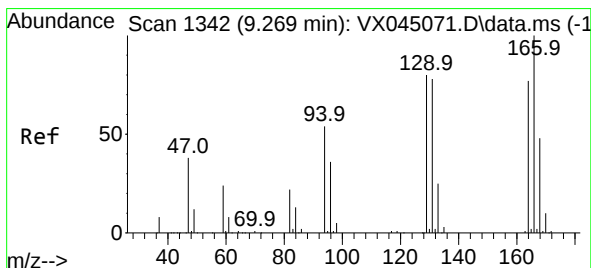
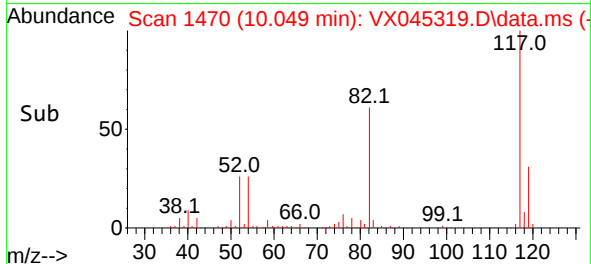
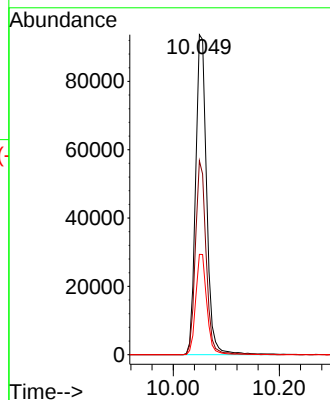
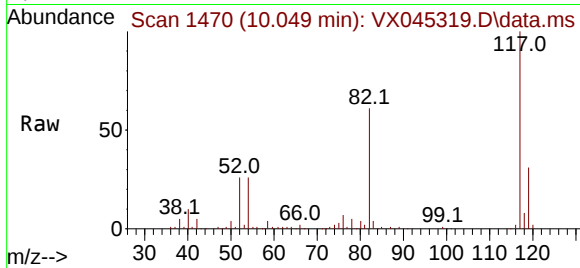




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045319.D
Acq: 18 Mar 2025 12:54

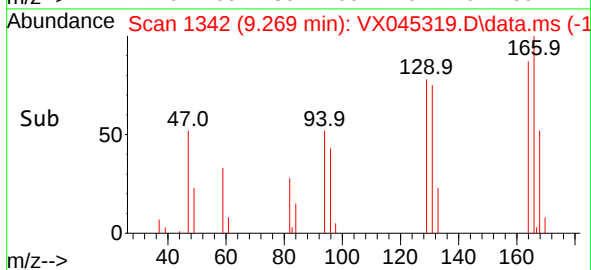
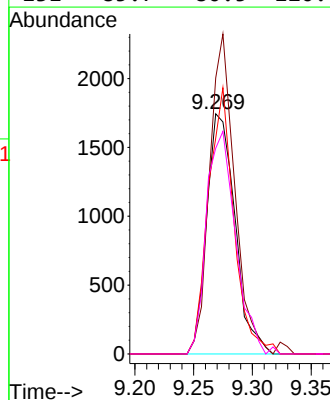
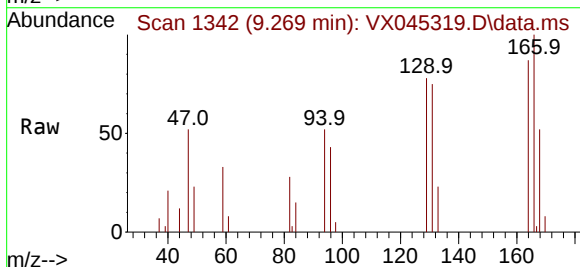
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20250310DL

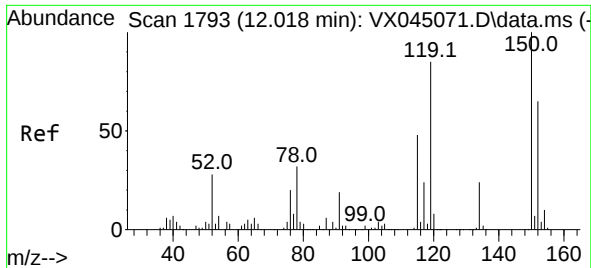
Tgt Ion:117 Resp: 135348
Ion Ratio Lower Upper
117 100
82 60.6 46.3 69.5
119 31.4 25.7 38.5



#64
Tetrachloroethene
Concen: 3.369 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045319.D
Acq: 18 Mar 2025 12:54

Tgt Ion:164 Resp: 2920
Ion Ratio Lower Upper
164 100
166 115.0 103.6 155.4
129 89.9 82.7 124.1
131 85.7 80.5 120.7

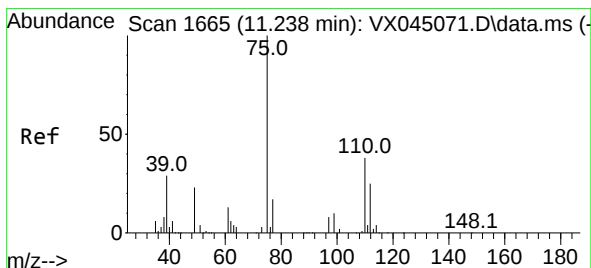
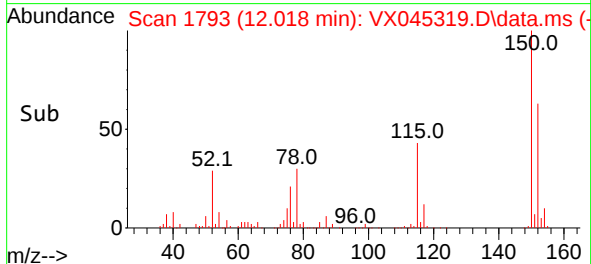
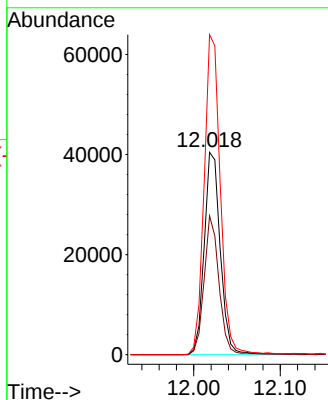
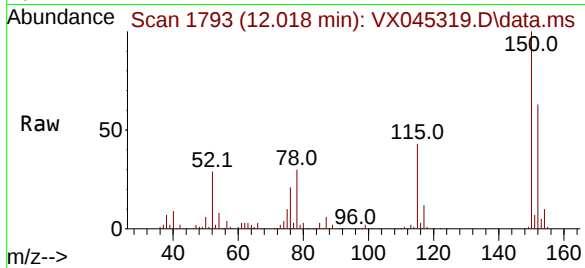




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045319.D
 Acq: 18 Mar 2025 12:54

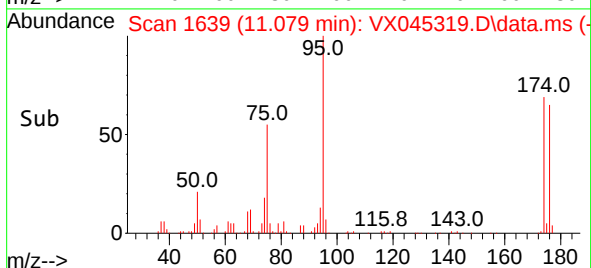
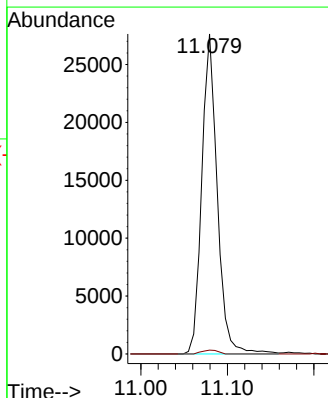
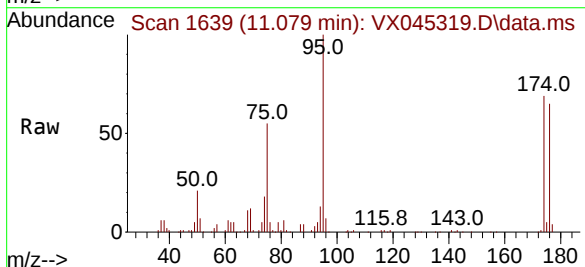
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20250310DL

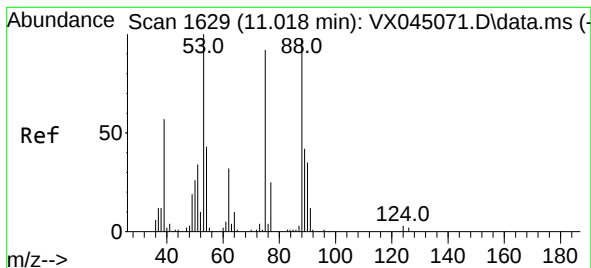
Tgt Ion:152 Resp: 52193
 Ion Ratio Lower Upper
 152 100
 115 64.0 44.2 132.6
 150 158.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.239 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045319.D
 Acq: 18 Mar 2025 12:54

Tgt Ion: 75 Resp: 34305
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.640 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045319.D
 Acq: 18 Mar 2025 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20250310DL

Tgt Ion: 75 Resp: 34305
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

