

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045322.D
 Acq On : 18 Mar 2025 14:04
 Operator : JC/MD
 Sample : Q1559-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20250310

Quant Time: Mar 19 01:44:25 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)

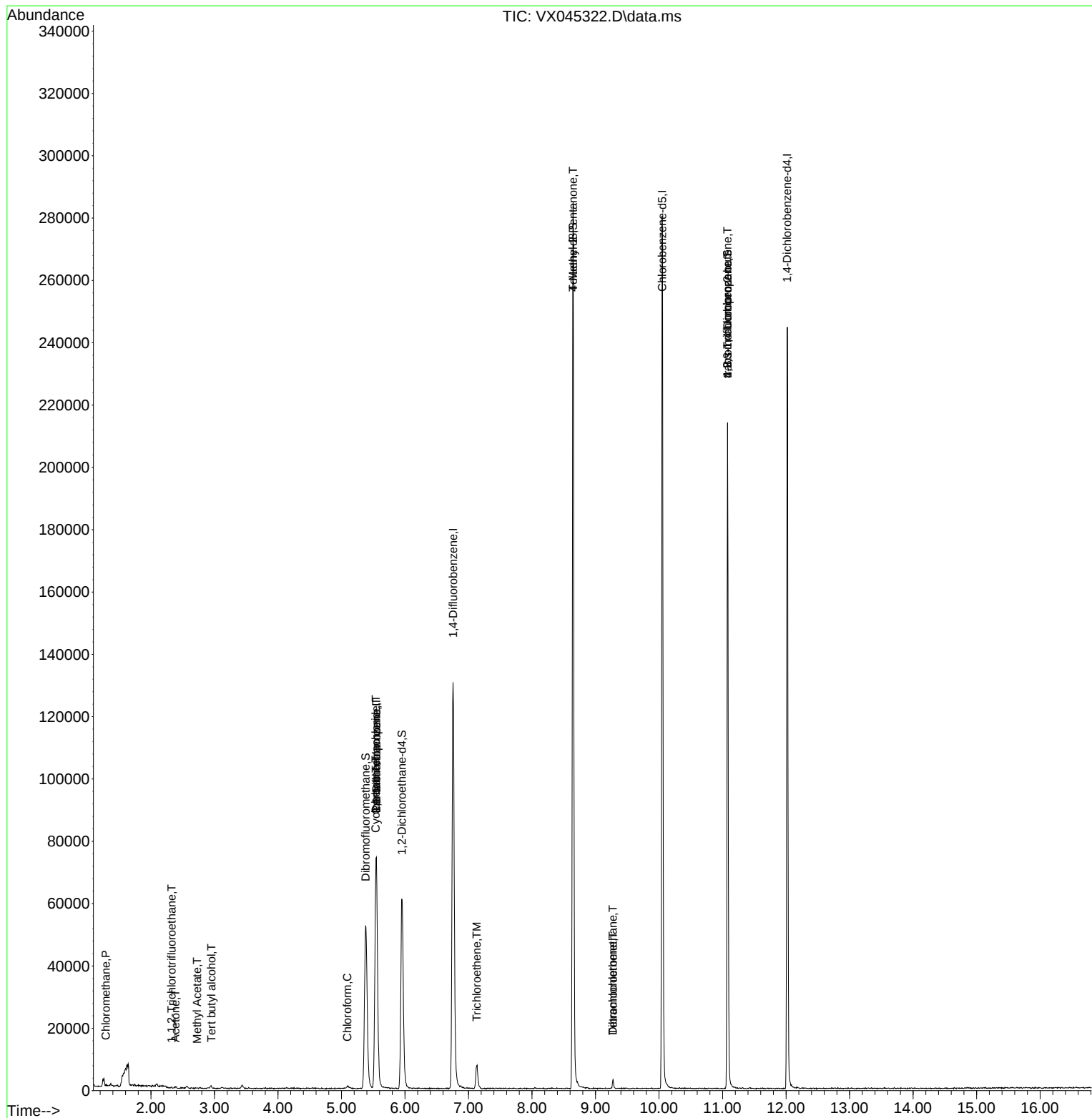
Internal Standards						
1) Pentafluorobenzene	5.550	168	67300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129370	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60365	56.389	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.780%	
35) Dibromofluoromethane	5.379	113	46490	53.742	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.480%	
50) Toluene-d8	8.647	98	162628	51.856	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.720%	
62) 4-Bromofluorobenzene	11.079	95	54400	52.347	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	304	0.293	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.325	101	175	0.224	ug/l #	21
11) Tert butyl alcohol	2.953	59	388	1.913	ug/l #	73
16) Acetone	2.386	43	581	1.170	ug/l	99
18) Methyl Acetate	2.727	43	270	0.226	ug/l #	54
30) Chloroform	5.092	83	953	0.572	ug/l	96
31) Cyclohexane	5.538	56	1919	1.318	ug/l #	44
36) 1,1-Dichloropropene	5.550	75	6237	5.257	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7514	6.239	ug/l #	19
44) Trichloroethene	7.129	130	2957	3.362	ug/l	93
51) 4-Methyl-2-Pentanone	8.647	43	889	0.586	ug/l #	1
60) Dibromochloromethane	9.275	129	464	0.490	ug/l #	11
64) Tetrachloroethene	9.275	164	427	0.557	ug/l #	83
76) 1,2,3-Trichloropropane	11.079	75	30696	27.679	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30696	94.724	ug/l #	6

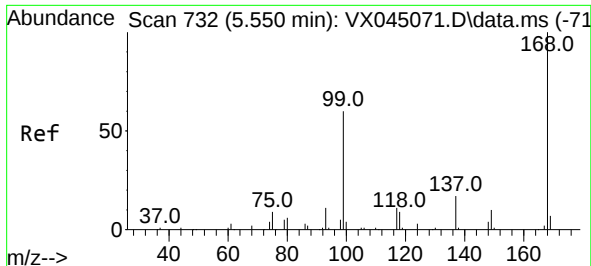
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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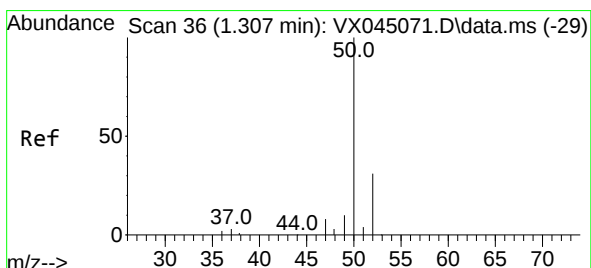
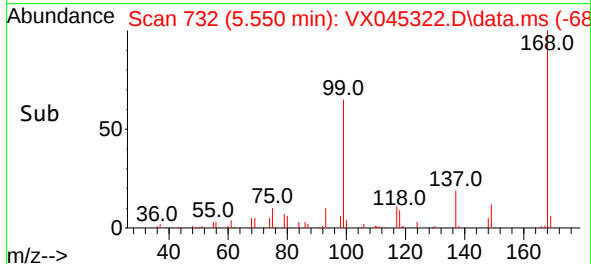
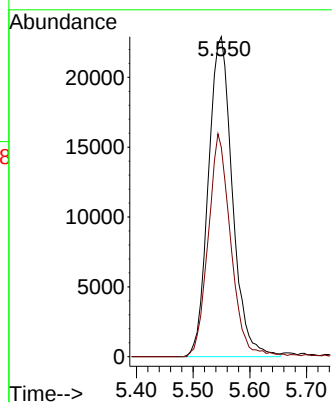
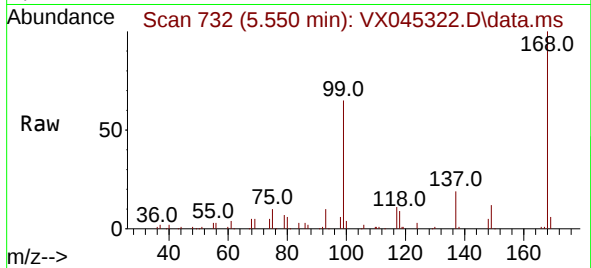




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

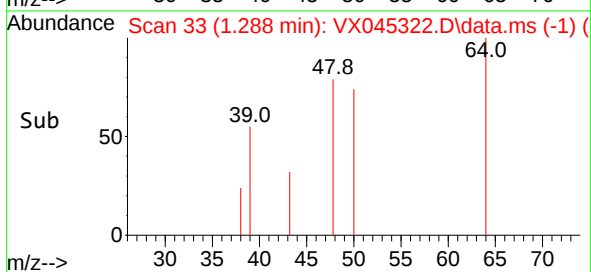
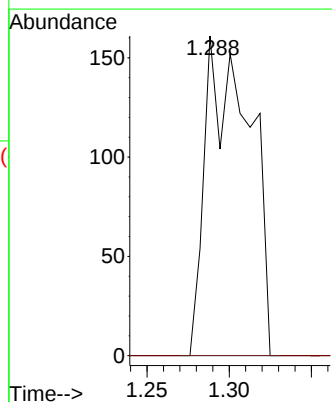
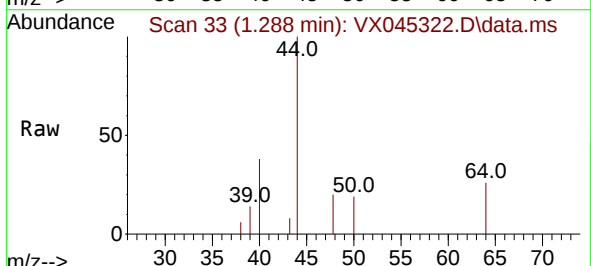
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

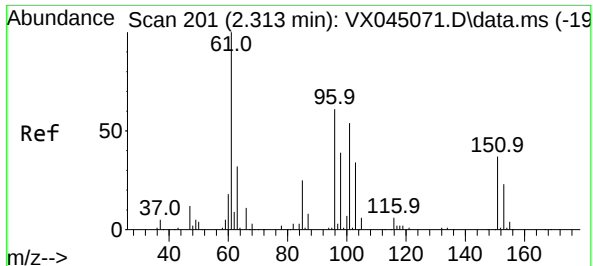
Tgt Ion:168 Resp: 67300
Ion Ratio Lower Upper
168 100
99 65.4 48.2 72.4



#3
Chloromethane
Concen: 0.293 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.018 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

Tgt Ion: 50 Resp: 304
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

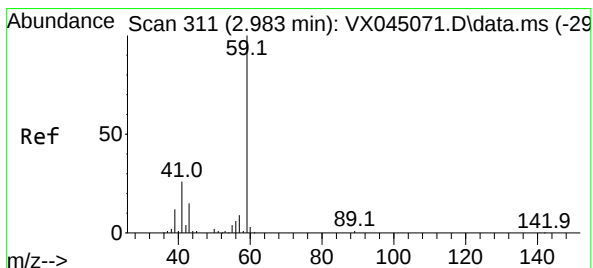
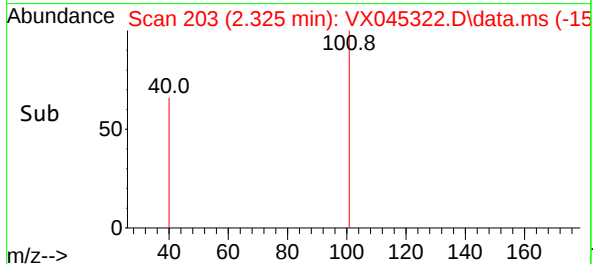
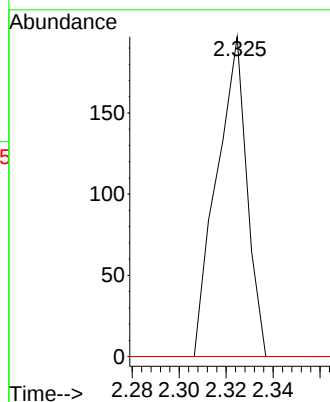
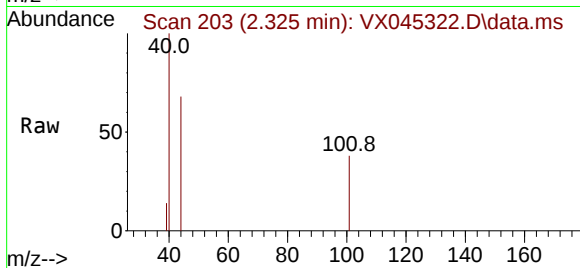




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.224 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

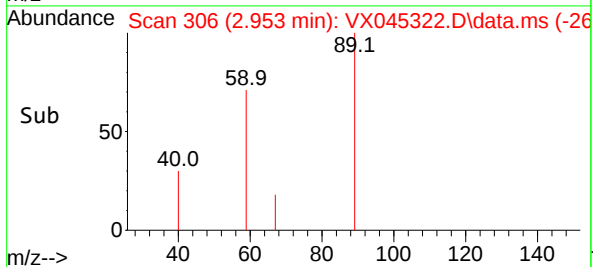
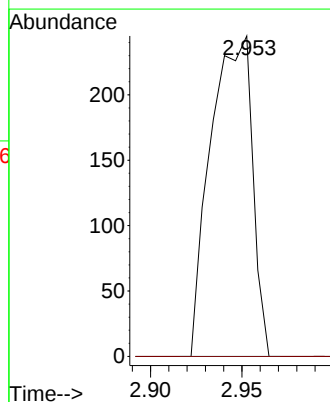
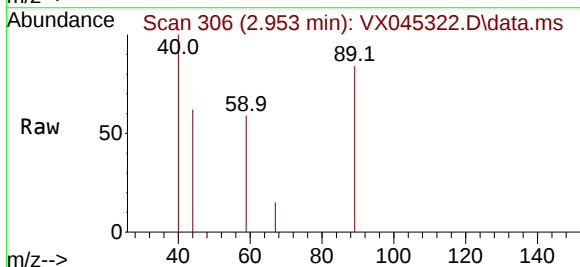
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

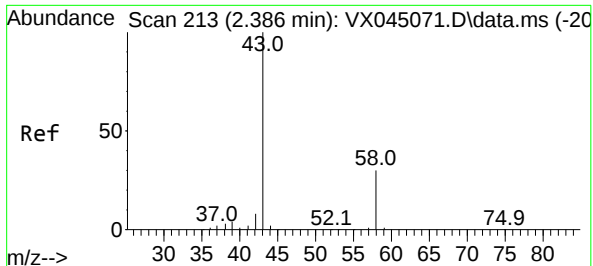
Tgt Ion:101 Resp: 175
Ion Ratio Lower Upper
101 100
85 0.0 36.2 54.4#
151 0.0 56.4 84.6#



#11
Tert butyl alcohol
Concen: 1.913 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

Tgt Ion: 59 Resp: 388
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

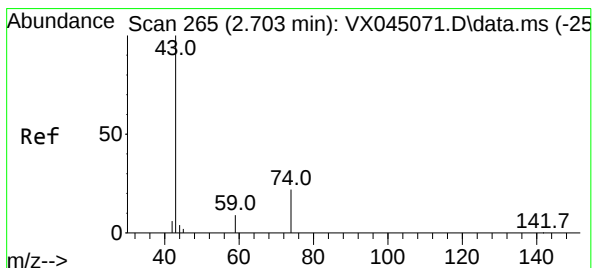
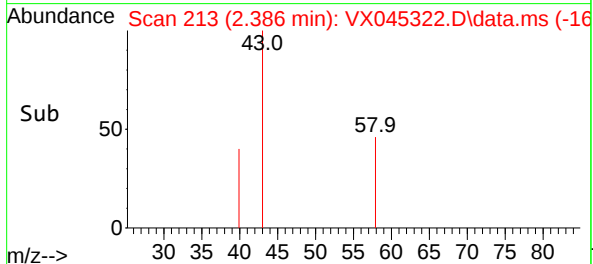
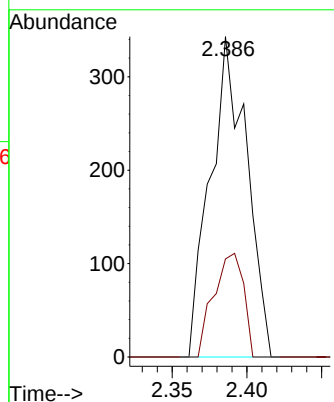
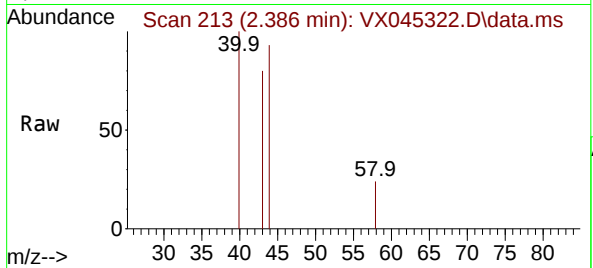




#16
Acetone
Concen: 1.170 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

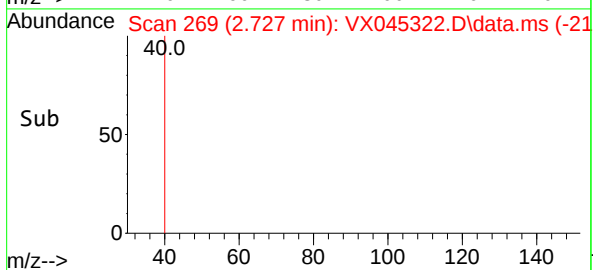
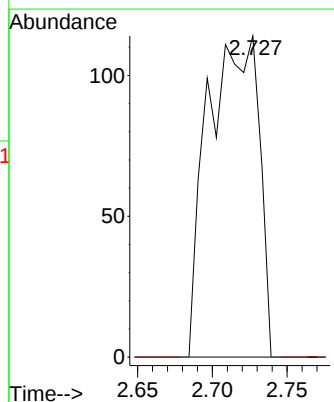
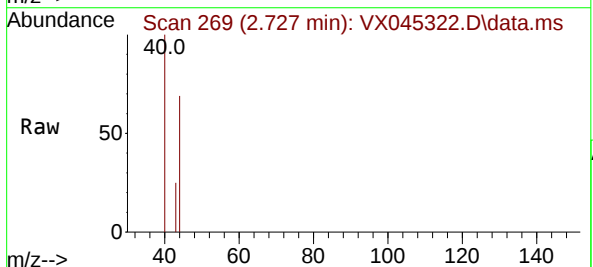
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

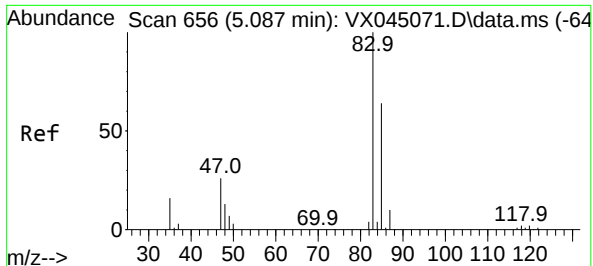
Tgt Ion: 43 Resp: 581
Ion Ratio Lower Upper
43 100
58 30.6 24.2 36.4



#18
Methyl Acetate
Concen: 0.226 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.024 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

Tgt Ion: 43 Resp: 270
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#





#30

Chloroform

Concen: 0.572 ug/l

RT: 5.092 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX045322.D

Acq: 18 Mar 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

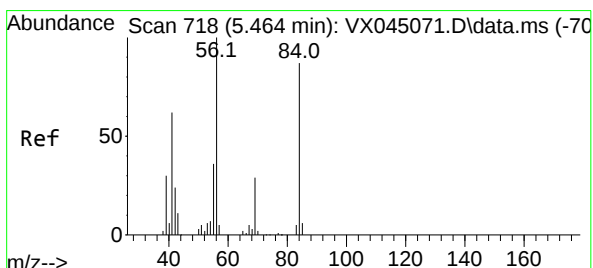
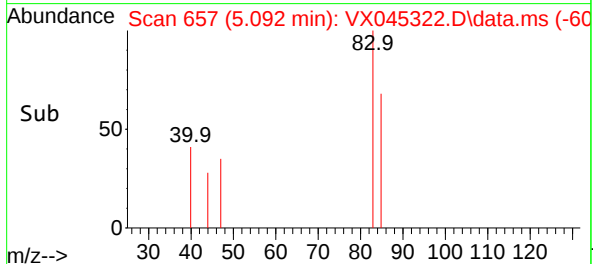
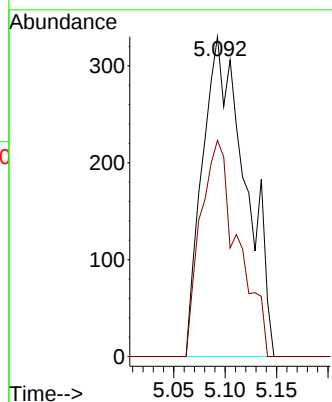
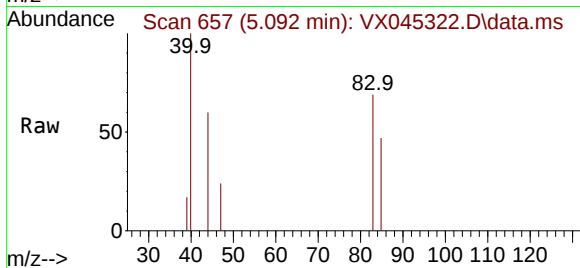
RE134D1-20250310

Tgt Ion: 83 Resp: 953

Ion Ratio Lower Upper

83 100

85 67.6 51.4 77.2



#31

Cyclohexane

Concen: 1.318 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.073 min

Lab File: VX045322.D

Acq: 18 Mar 2025 14:04

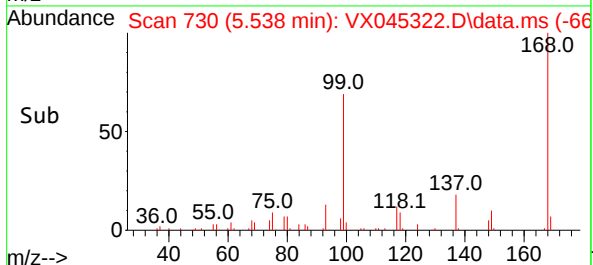
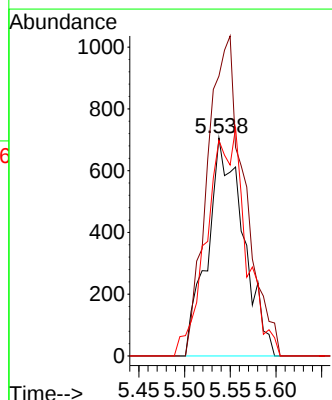
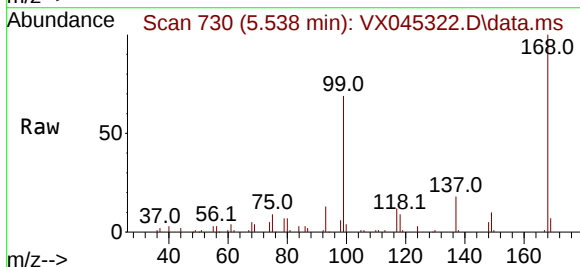
Tgt Ion: 56 Resp: 1919

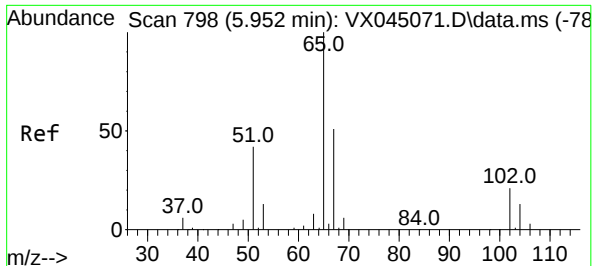
Ion Ratio Lower Upper

56 100

69 128.3 23.4 35.2#

84 98.9 69.4 104.2





#33

1,2-Dichloroethane-d4

Concen: 56.389 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045322.D

Acq: 18 Mar 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

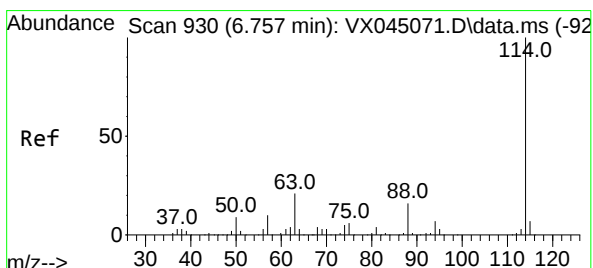
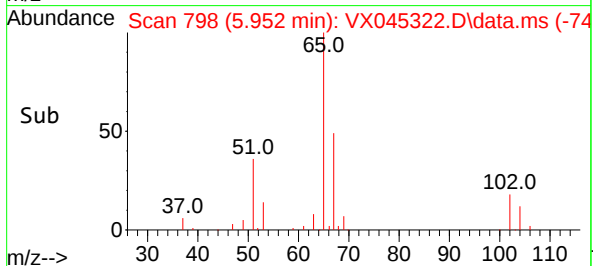
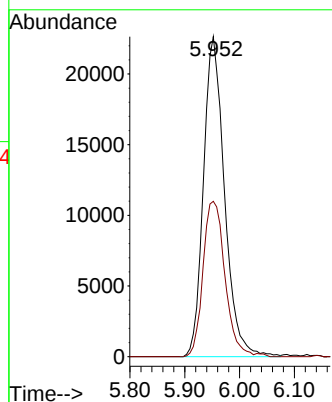
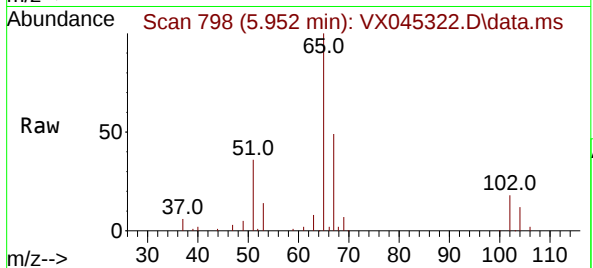
RE134D1-20250310

Tgt Ion: 65 Resp: 60365

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# 930

Delta R.T. -0.000 min

Lab File: VX045322.D

Acq: 18 Mar 2025 14:04

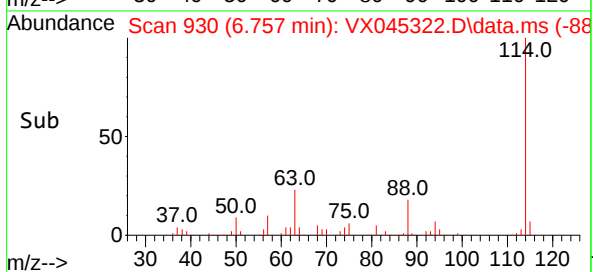
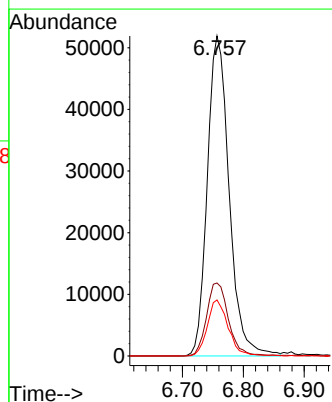
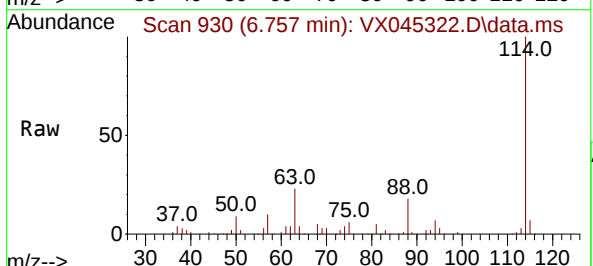
Tgt Ion: 114 Resp: 129370

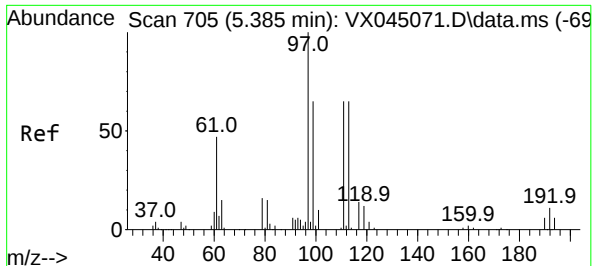
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 17.5 0.0 32.8

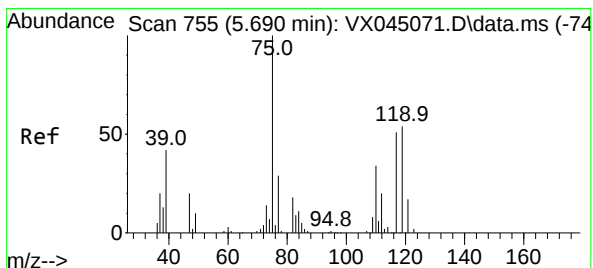
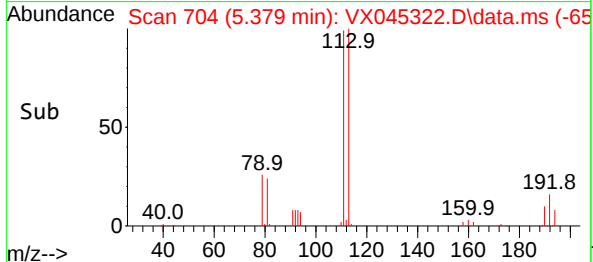
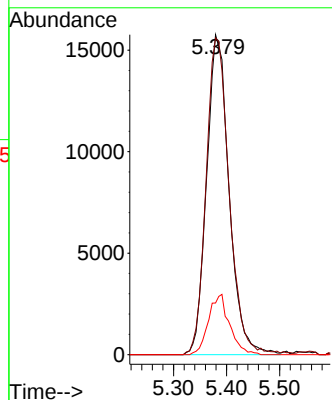
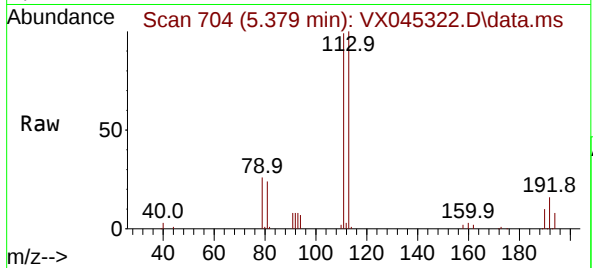




#35
Dibromofluoromethane
Concen: 53.742 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

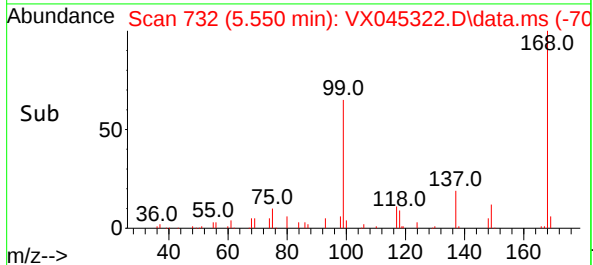
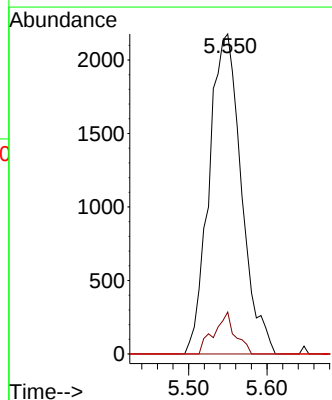
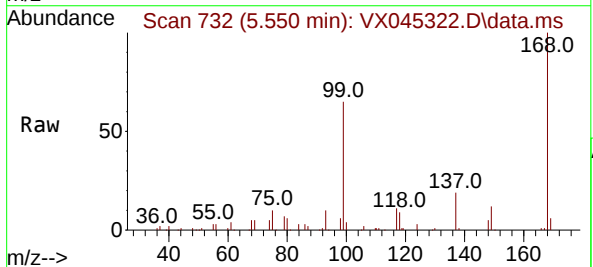
Instrument :
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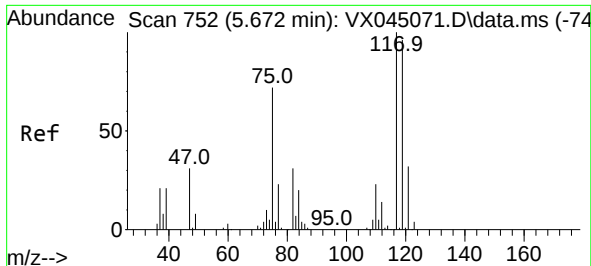
Tgt Ion:113 Resp: 46490
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.6
192 17.7 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.257 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

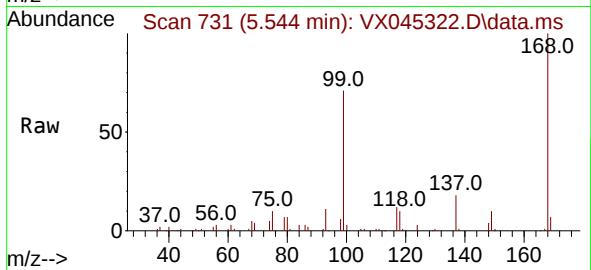
Tgt Ion: 75 Resp: 6237
Ion Ratio Lower Upper
75 100
110 8.5 16.9 50.6#
77 0.0 24.5 36.7#



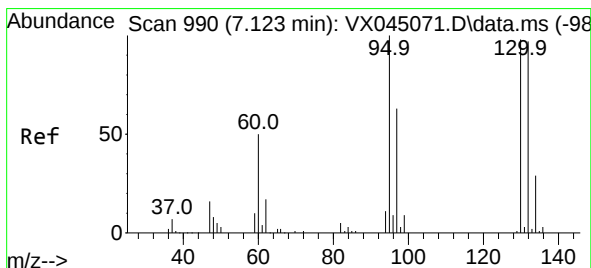
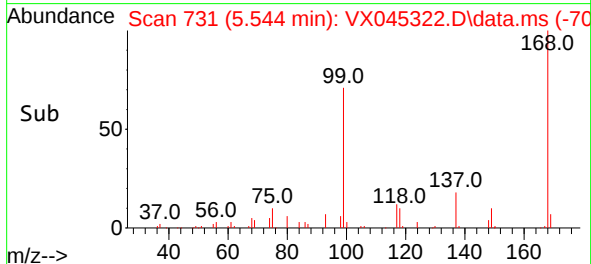
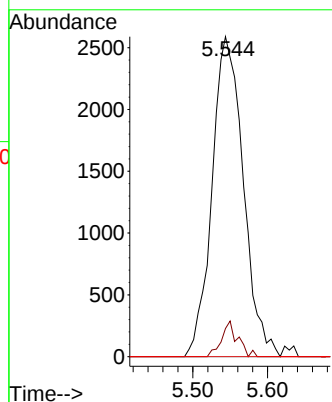


#38
Carbon Tetrachloride
Concen: 6.239 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

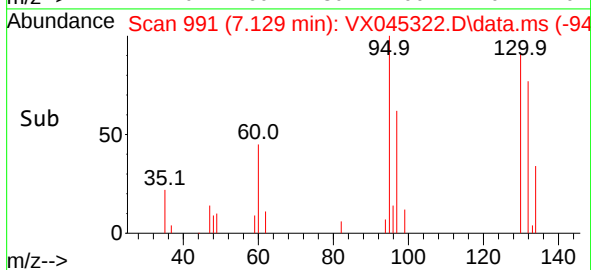
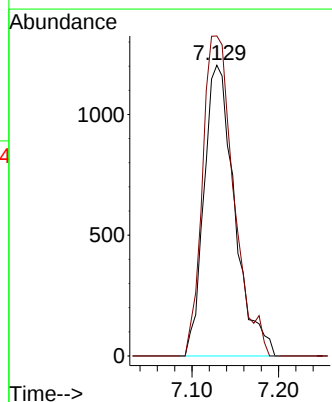
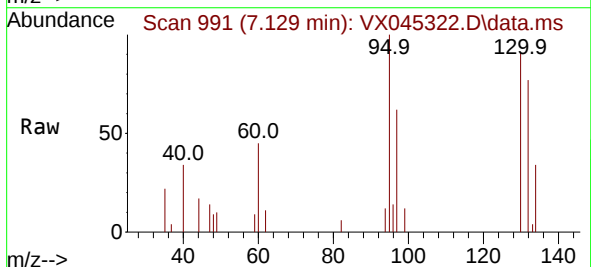


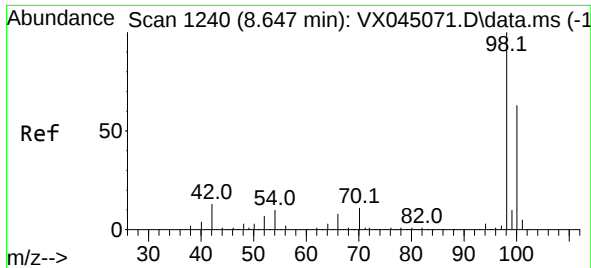
Tgt Ion:117 Resp: 7514
Ion Ratio Lower Upper
117 100
119 8.8 76.7 115.1#
121 0.0 25.5 38.3#



#44
Trichloroethene
Concen: 3.362 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

Tgt Ion:130 Resp: 2957
Ion Ratio Lower Upper
130 100
95 110.0 0.0 205.0

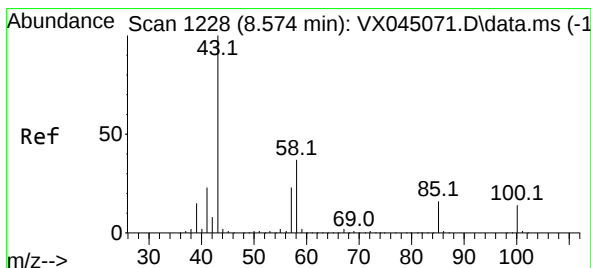
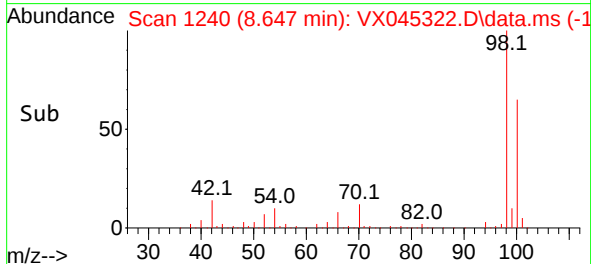
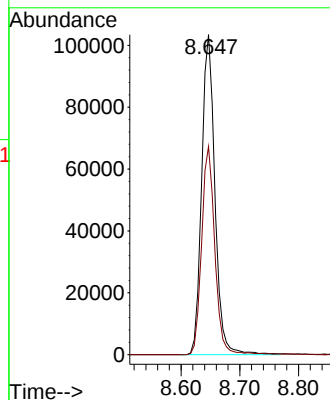
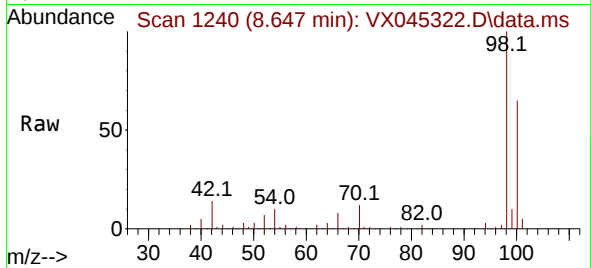




#50
Toluene-d8
Concen: 51.856 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

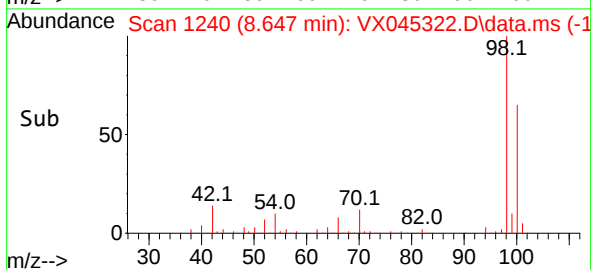
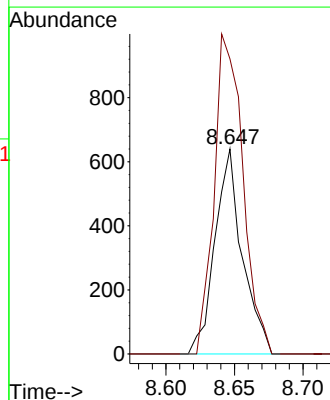
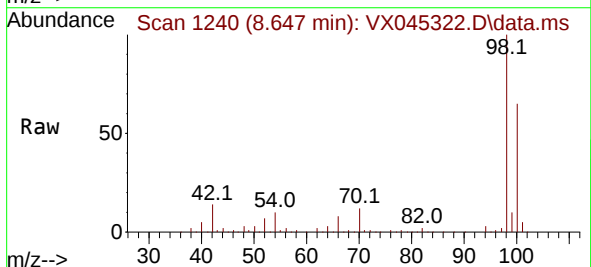
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

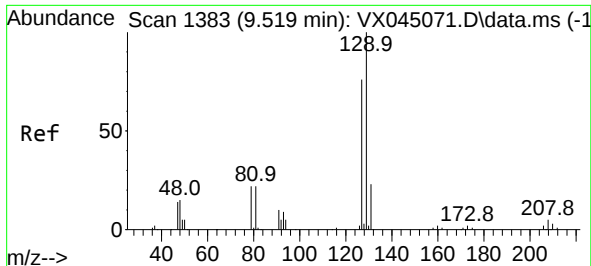
Tgt Ion: 98 Resp: 162628
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.586 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

Tgt Ion: 43 Resp: 889
Ion Ratio Lower Upper
43 100
58 163.7 29.2 43.8#

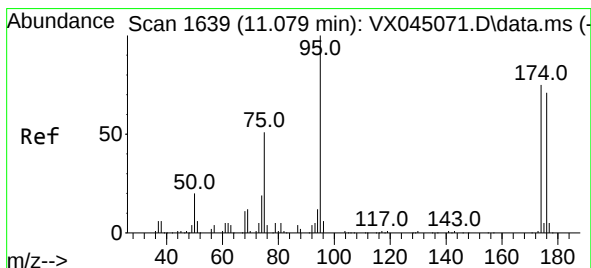
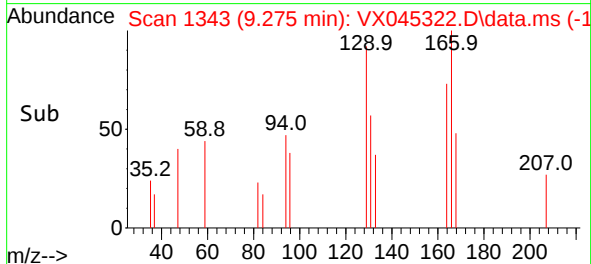
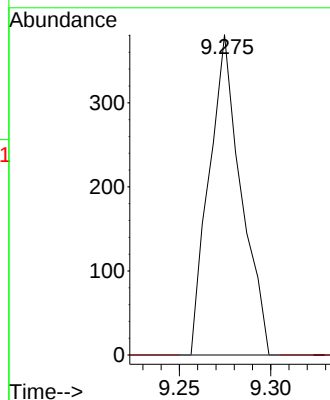
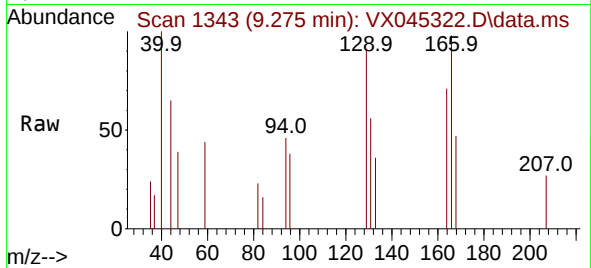




#60
Dibromochloromethane
Concen: 0.490 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

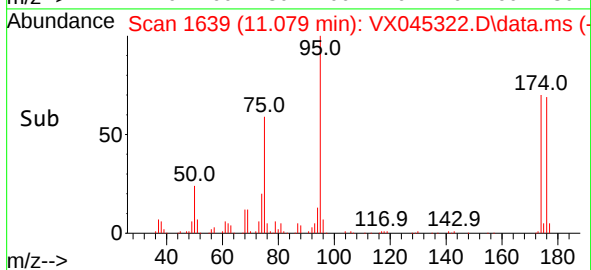
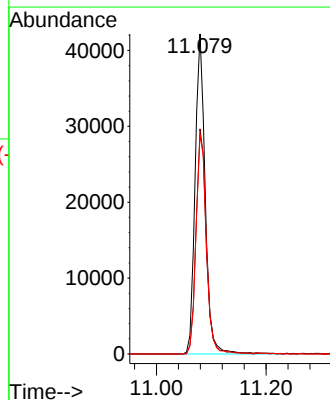
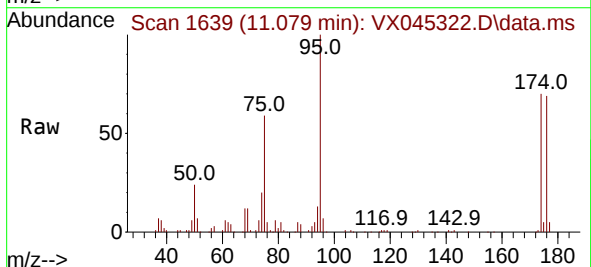
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

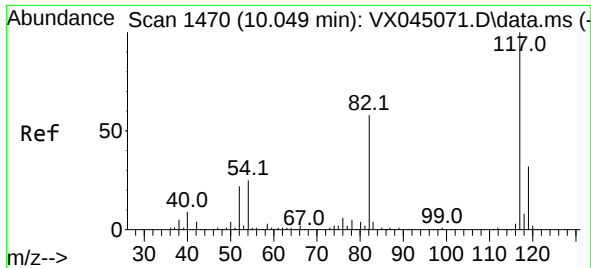
Tgt Ion:129 Resp: 464
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 52.347 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

Tgt Ion: 95 Resp: 54400
Ion Ratio Lower Upper
95 100
174 70.9 0.0 148.2
176 70.2 0.0 141.4

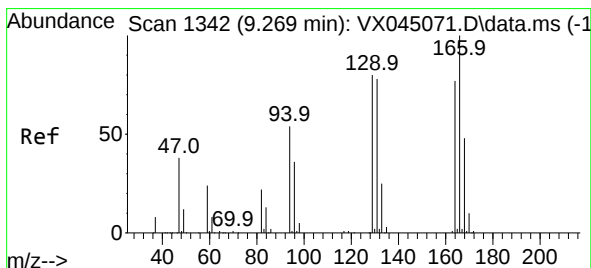
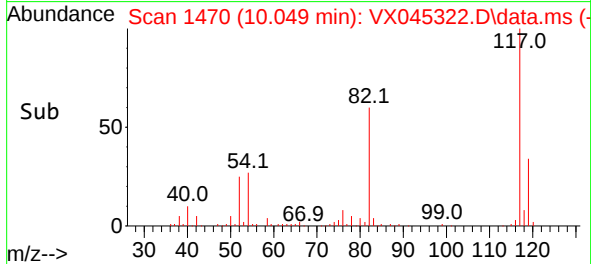
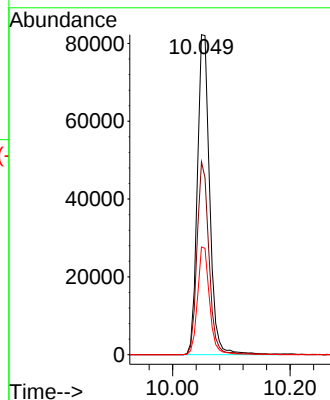
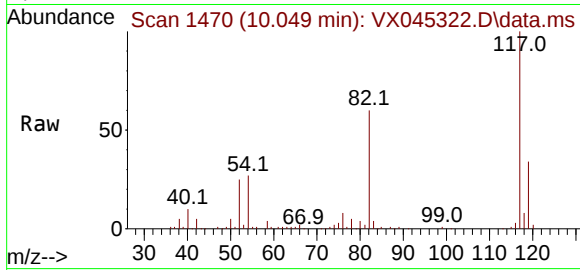




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

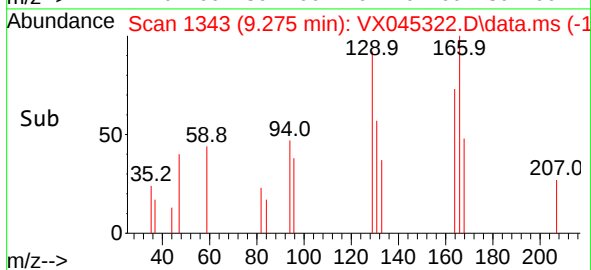
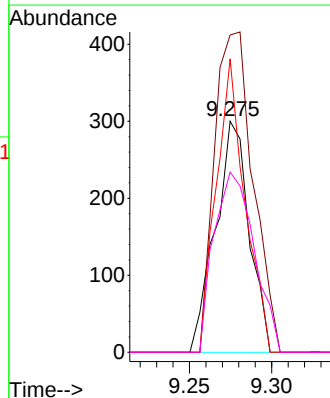
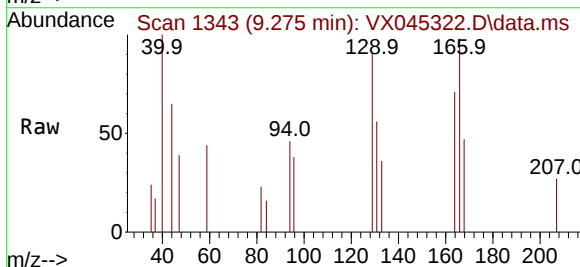
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

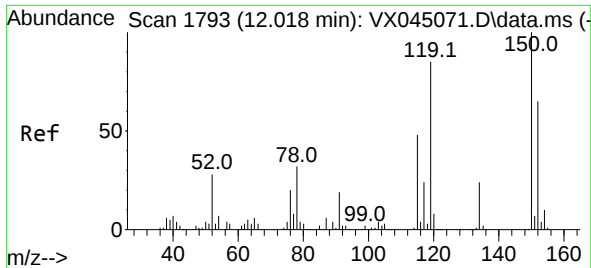
Tgt Ion:117 Resp: 119707
Ion Ratio Lower Upper
117 100
82 60.2 46.3 69.5
119 33.7 25.7 38.5



#64
Tetrachloroethene
Concen: 0.557 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

Tgt Ion:164 Resp: 427
Ion Ratio Lower Upper
164 100
166 137.3 103.6 155.4
129 127.0 82.7 124.1#
131 78.0 80.5 120.7#

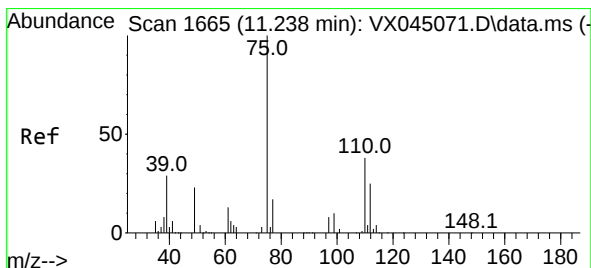
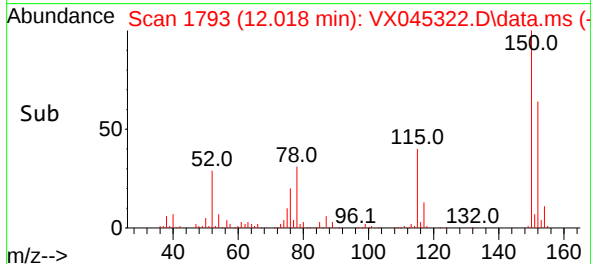
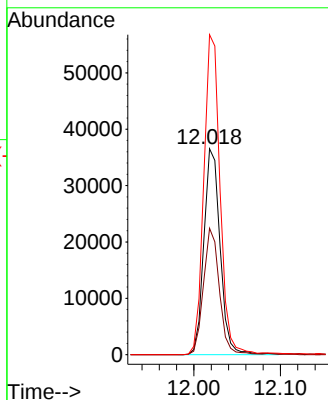
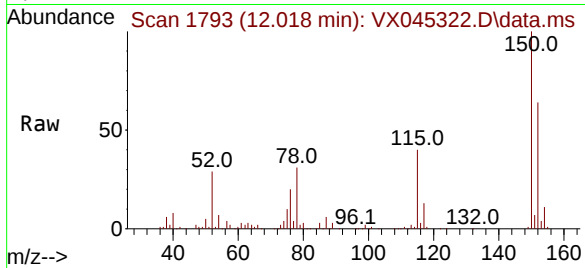




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX045322.D
 Acq: 18 Mar 2025 14:04

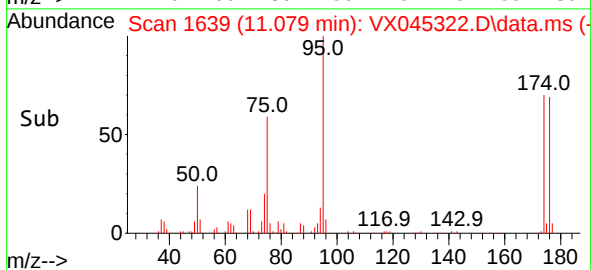
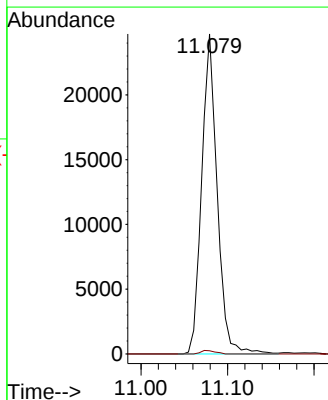
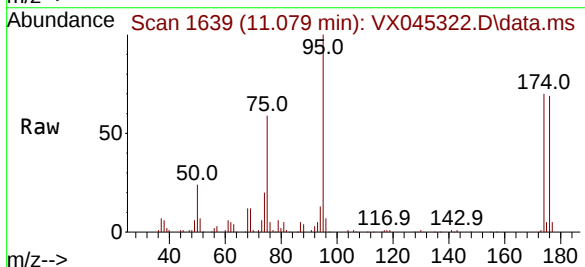
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20250310

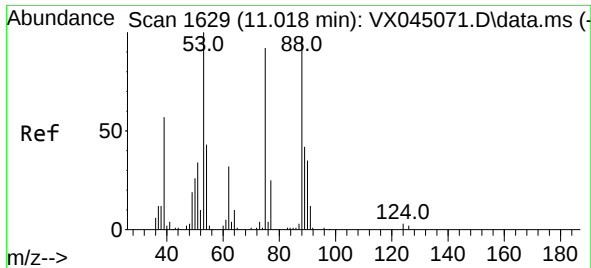
Tgt Ion:152 Resp: 47647
 Ion Ratio Lower Upper
 152 100
 115 60.0 44.2 132.6
 150 155.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.679 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045322.D
 Acq: 18 Mar 2025 14:04

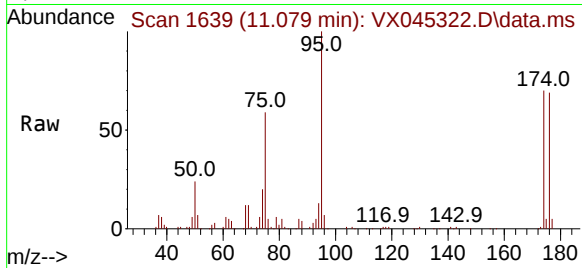
Tgt Ion: 75 Resp: 30696
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.724 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045322.D
 Acq: 18 Mar 2025 14:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20250310



Tgt Ion: 75 Resp: 30696
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

