

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045385.D
 Acq On : 21 Mar 2025 14:04
 Operator : JC/MD
 Sample : Q1582-08 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20250313DL

Quant Time: Mar 21 23:15:19 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)

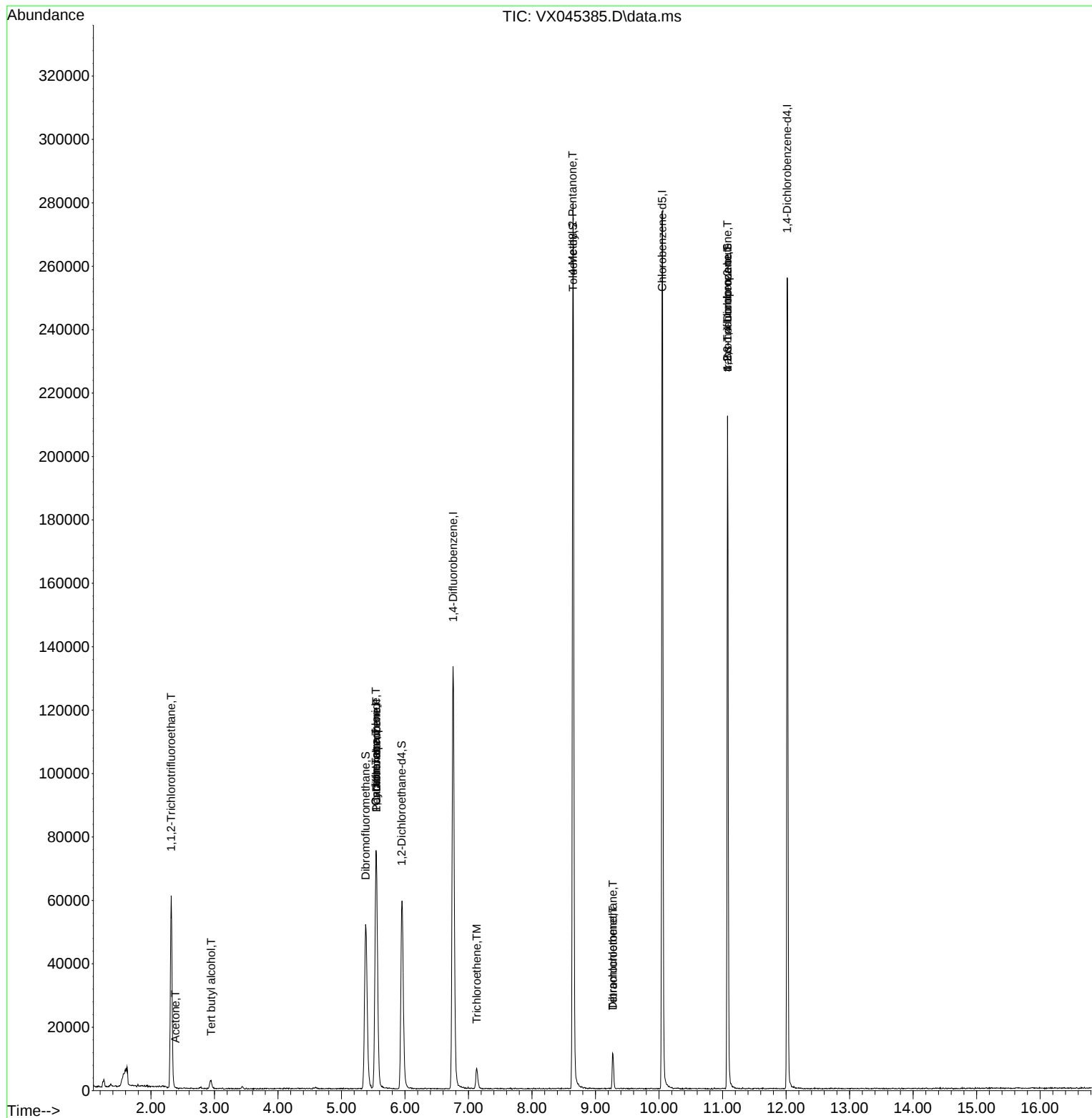
Internal Standards						
1) Pentafluorobenzene	5.550	168	66174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129977	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	58486	55.564	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.120%	
35) Dibromofluoromethane	5.379	113	44956	51.726	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.460%	
50) Toluene-d8	8.647	98	158184	50.203	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.400%	
62) 4-Bromofluorobenzene	11.079	95	54783	52.469	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.940%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	24159	31.412	ug/l	96
11) Tert butyl alcohol	2.946	59	1843	9.244	ug/l #	73
16) Acetone	2.386	43	228	0.467	ug/l #	44
31) Cyclohexane	5.544	56	1862	1.300	ug/l #	15
36) 1,1-Dichloropropene	5.550	75	6245	5.239	ug/l #	49
38) Carbon Tetrachloride	5.544	117	7461	6.166	ug/l #	15
44) Trichloroethene	7.129	130	2621	2.966	ug/l	79
51) 4-Methyl-2-Pentanone	8.641	43	872	0.572	ug/l #	1
60) Dibromochloromethane	9.275	129	2295	2.414	ug/l #	11
64) Tetrachloroethene	9.275	164	2229	2.894	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	31255	27.716	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31255	94.848	ug/l #	6

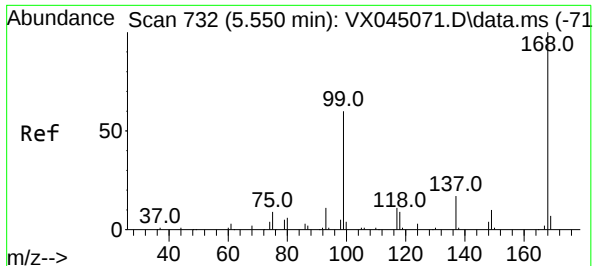
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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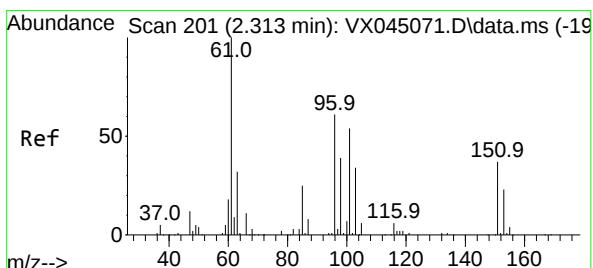
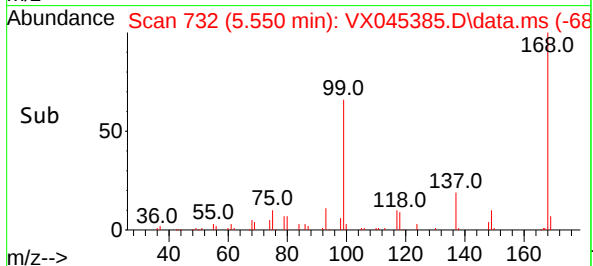
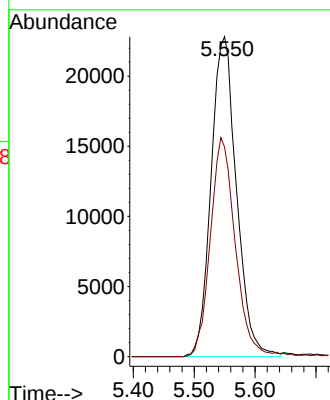
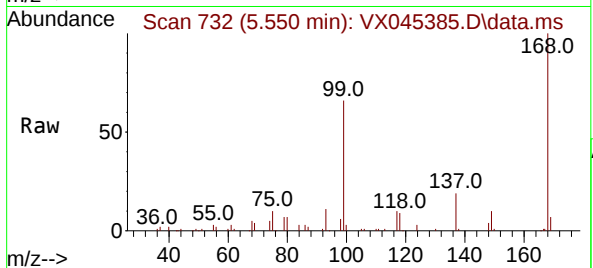




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

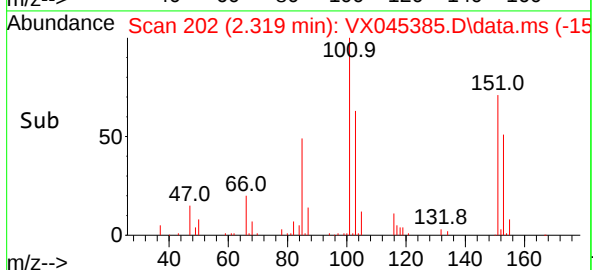
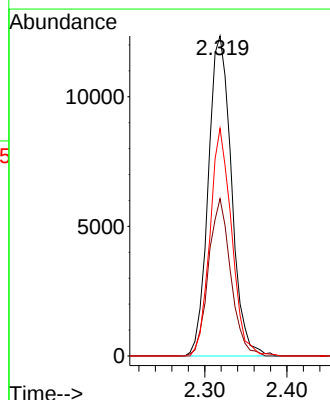
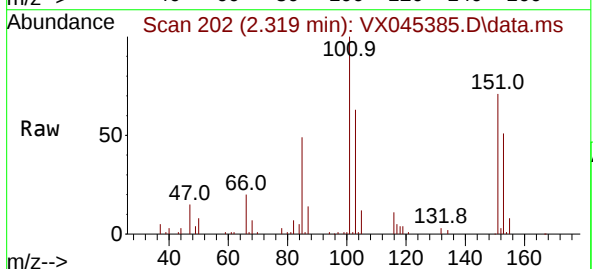
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20250313DL

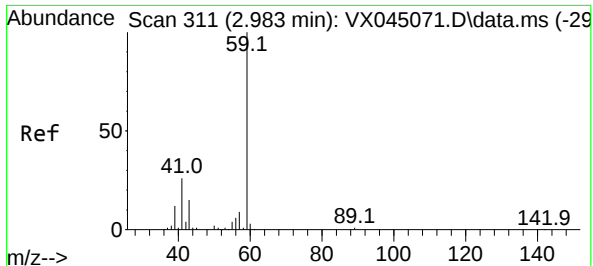
Tgt Ion:168 Resp: 66174
Ion Ratio Lower Upper
168 100
99 65.5 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 31.412 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

Tgt Ion:101 Resp: 24159
Ion Ratio Lower Upper
101 100
85 47.1 36.2 54.4
151 66.7 56.4 84.6





#11

Tert butyl alcohol

Concen: 9.244 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.037 min

Lab File: VX045385.D

Acq: 21 Mar 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

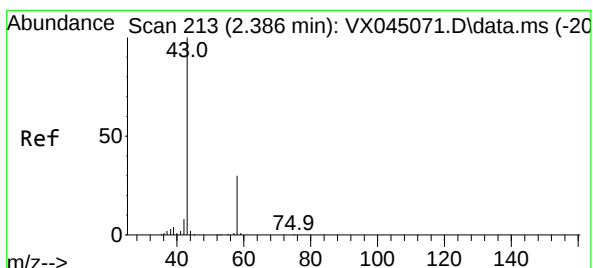
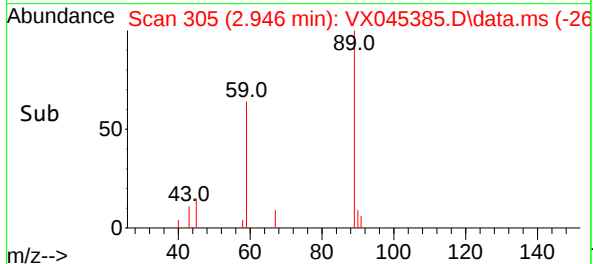
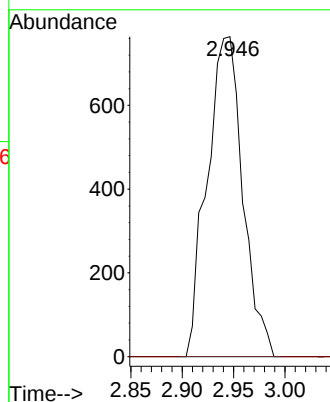
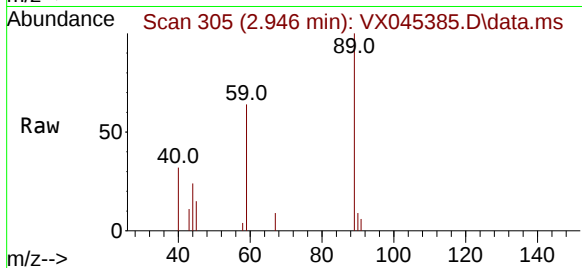
RE131D3-20250313DL

Tgt Ion: 59 Resp: 1843

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 0.467 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045385.D

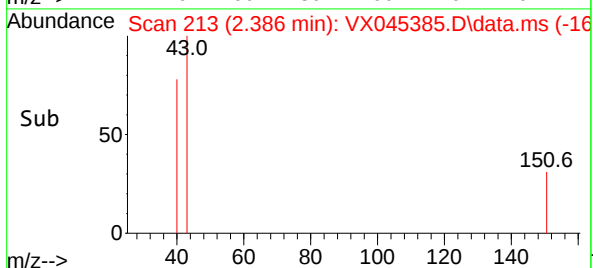
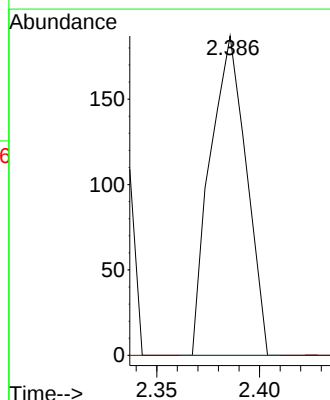
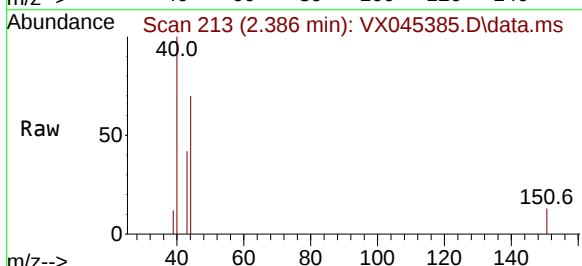
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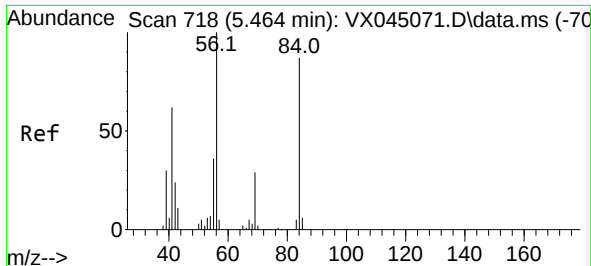
Tgt Ion: 43 Resp: 228

Ion Ratio Lower Upper

43 100

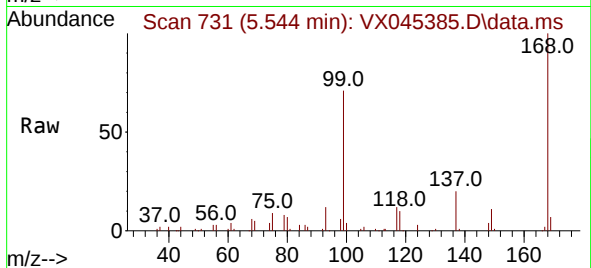
58 0.0 24.2 36.4#



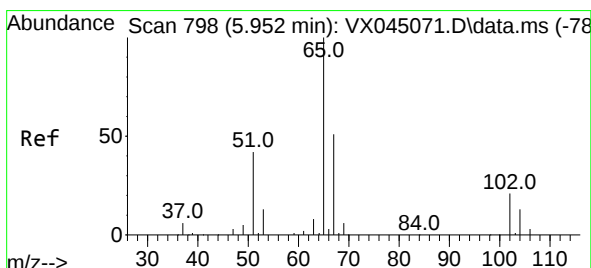
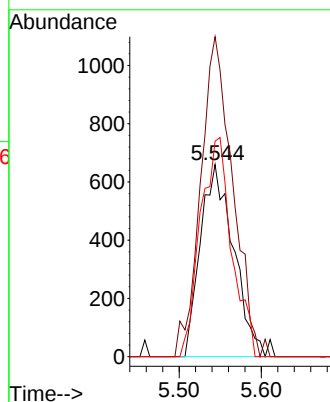
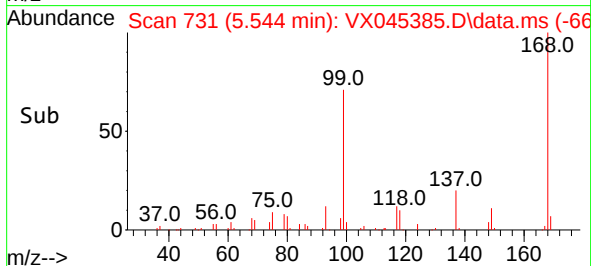


#31
Cyclohexane
Concen: 1.300 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20250313DL

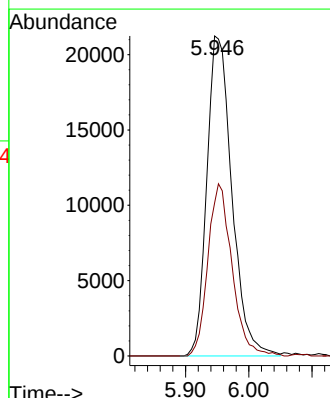
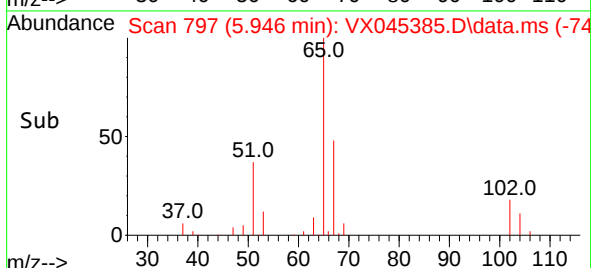
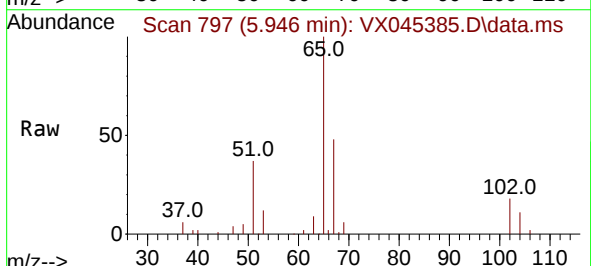


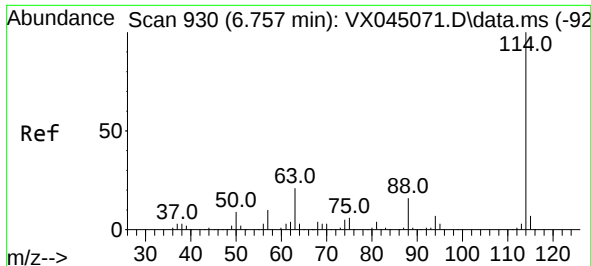
Tgt Ion: 56 Resp: 1862
Ion Ratio Lower Upper
56 100
69 166.5 23.4 35.2#
84 112.1 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 55.564 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

Tgt Ion: 65 Resp: 58486
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.2

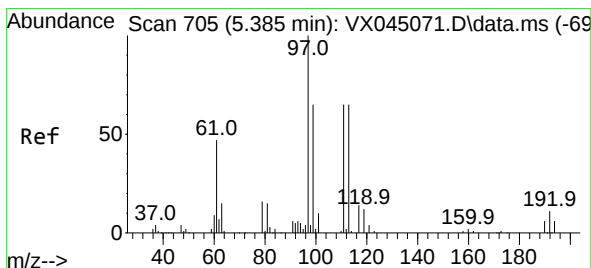
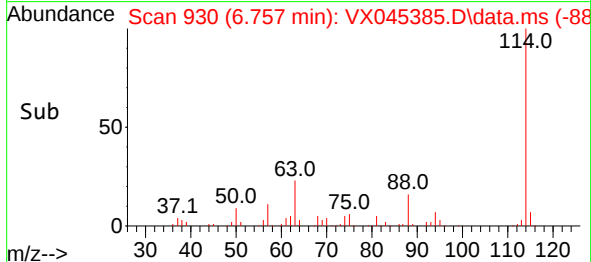
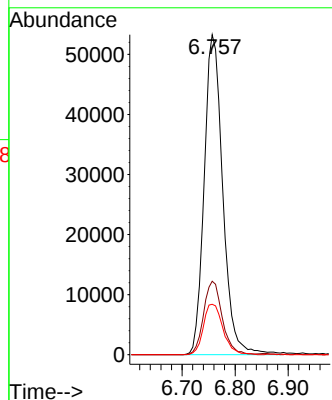
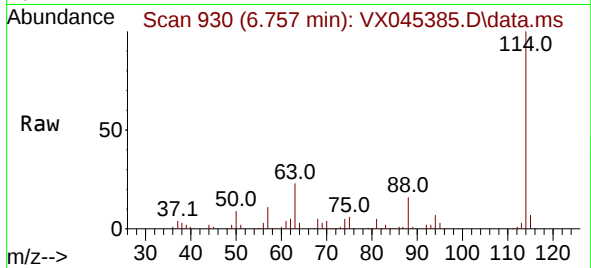




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

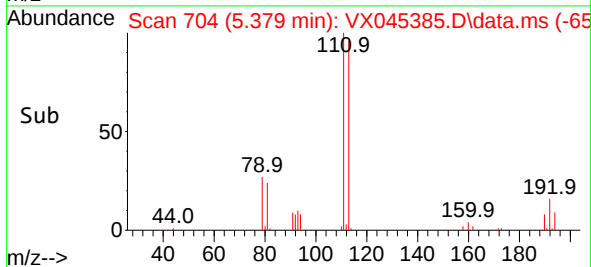
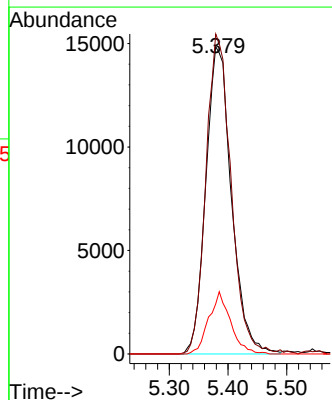
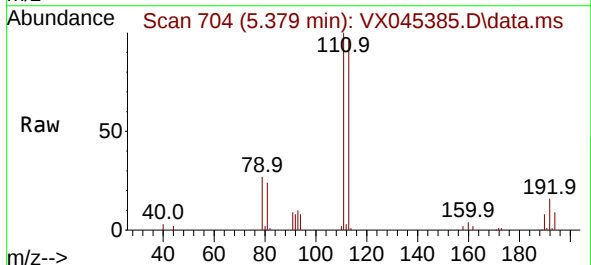
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20250313DL

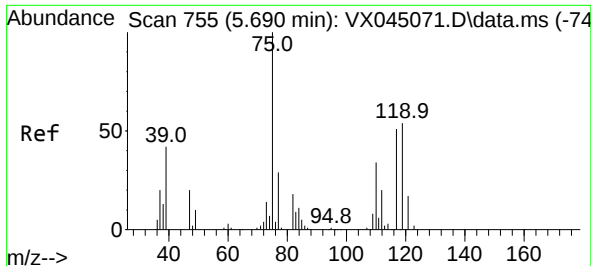
Tgt Ion:114 Resp: 129977
Ion Ratio Lower Upper
114 100
63 22.9 0.0 41.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.726 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

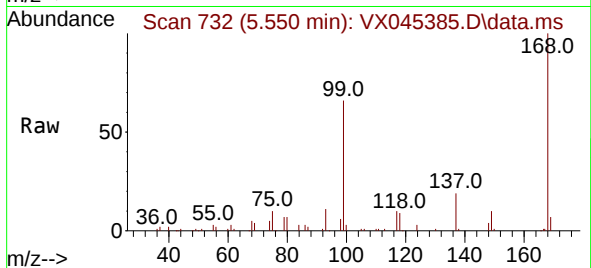
Tgt Ion:113 Resp: 44956
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.6
192 17.2 14.3 21.5



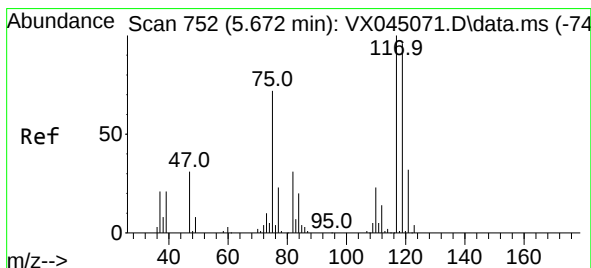
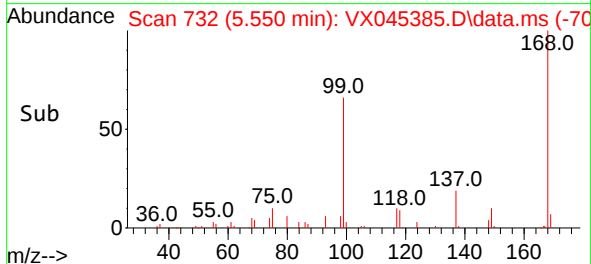
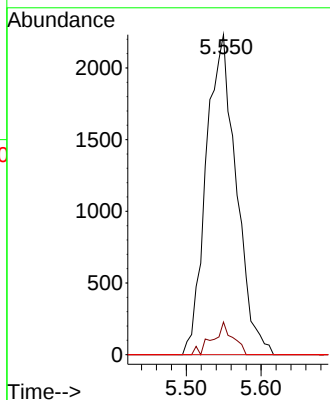


#36
1,1-Dichloropropene
Concen: 5.239 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20250313DL

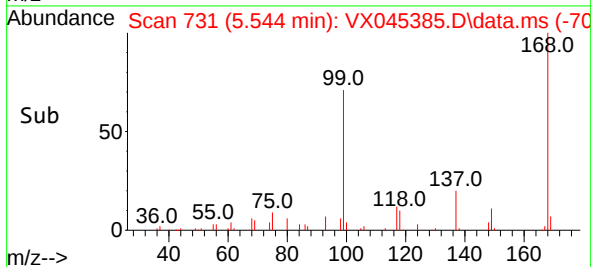
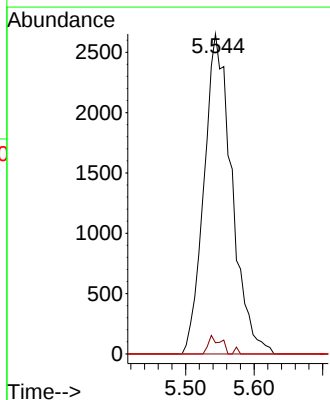
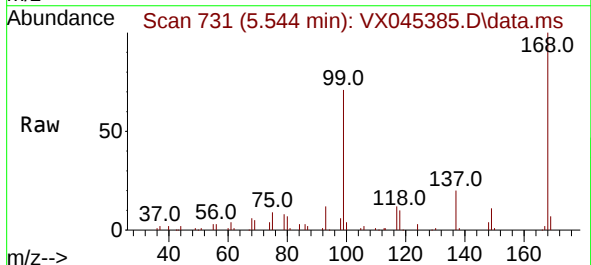


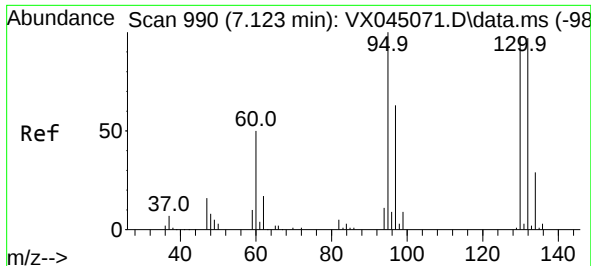
Tgt Ion: 75 Resp: 6245
Ion Ratio Lower Upper
75 100
110 6.7 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.166 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

Tgt Ion: 117 Resp: 7461
Ion Ratio Lower Upper
117 100
119 3.5 76.7 115.1#
121 0.0 25.5 38.3#

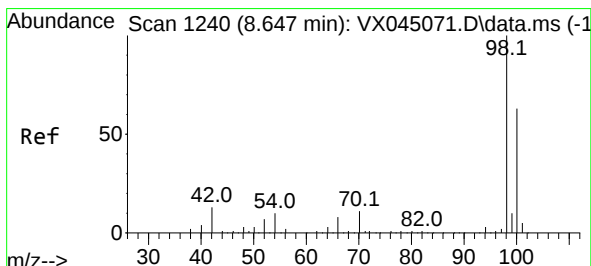
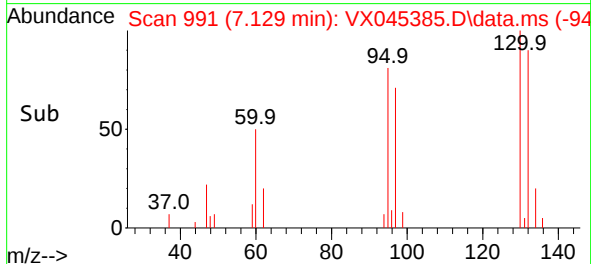
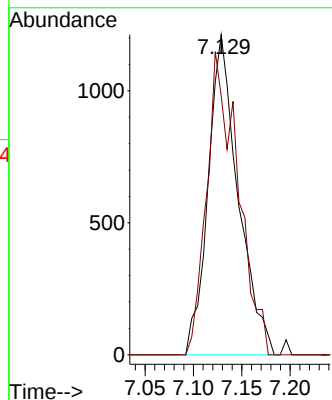
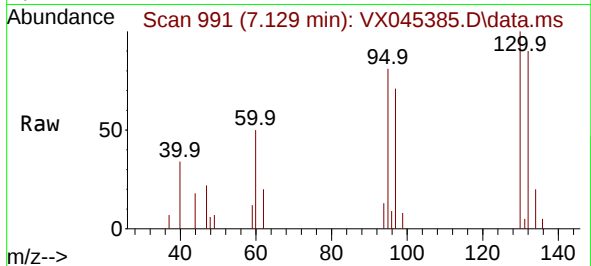




#44
Trichloroethene
Concen: 2.966 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

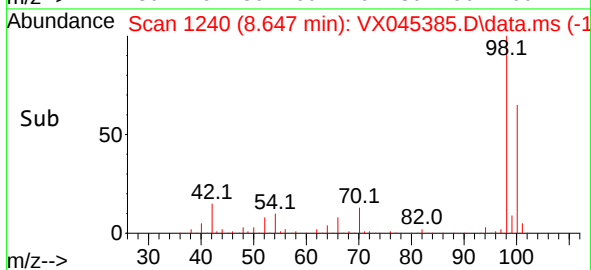
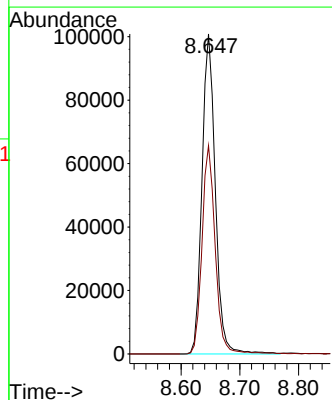
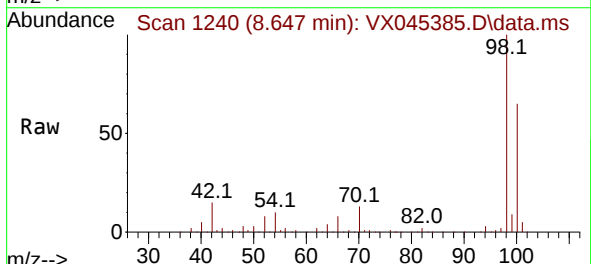
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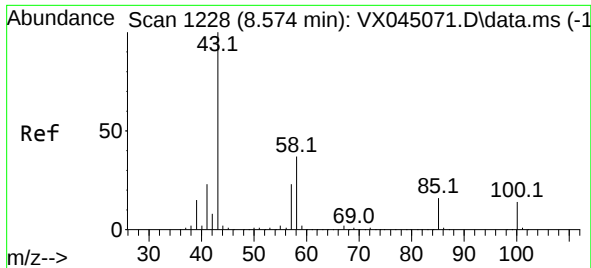
Tgt Ion:130 Resp: 2621
Ion Ratio Lower Upper
130 100
95 81.0 0.0 205.0



#50
Toluene-d8
Concen: 50.203 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

Tgt Ion: 98 Resp: 158184
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

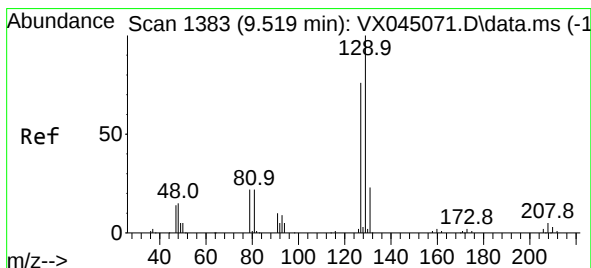
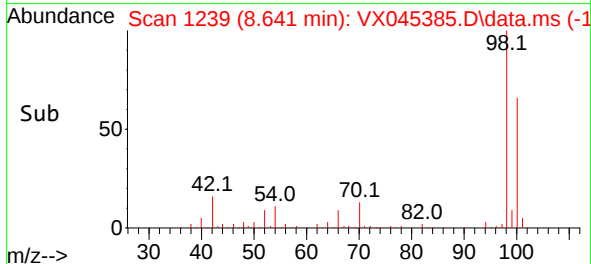
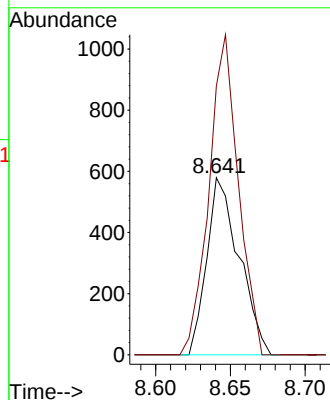
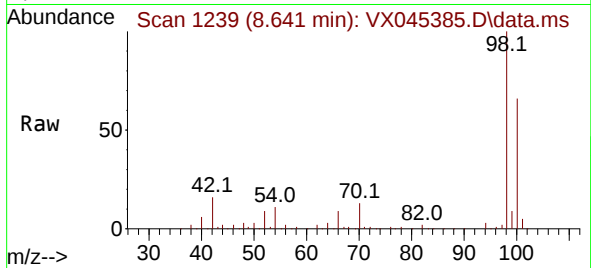




#51
4-Methyl-2-Pentanone
Concen: 0.572 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

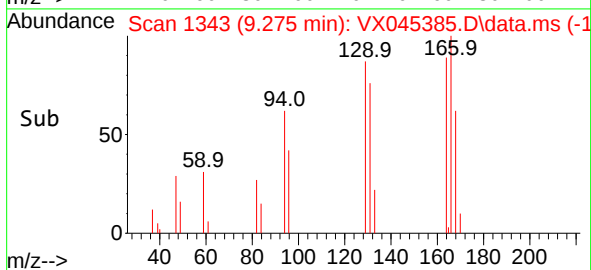
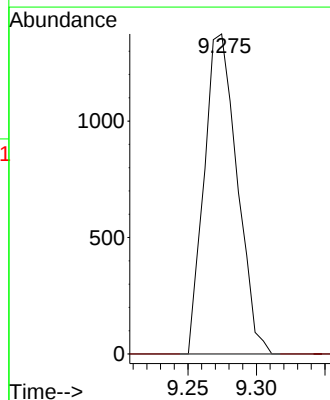
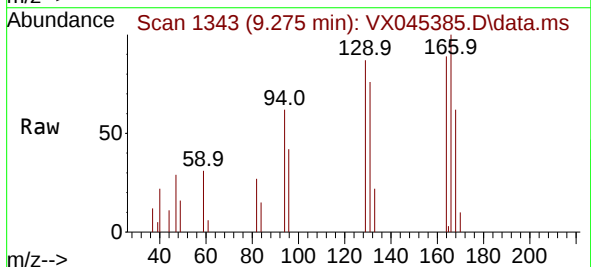
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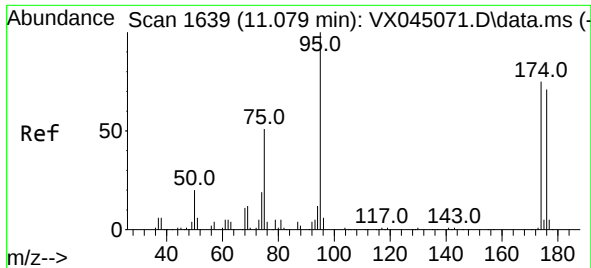
Tgt Ion: 43 Resp: 872
Ion Ratio Lower Upper
43 100
58 164.1 29.2 43.8#



#60
Dibromochloromethane
Concen: 2.414 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

Tgt Ion: 129 Resp: 2295
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

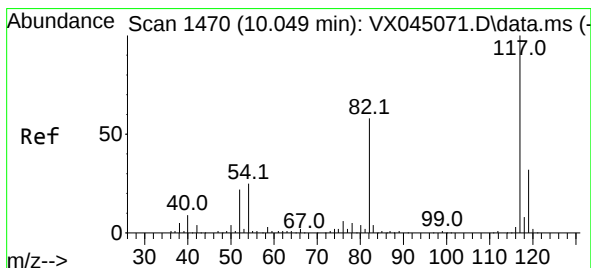
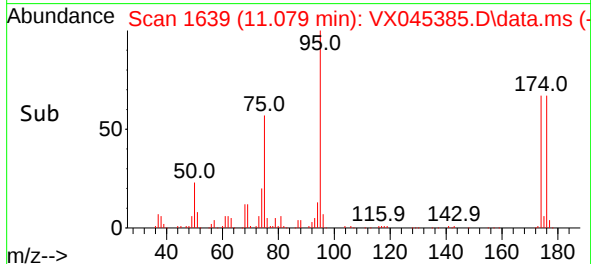
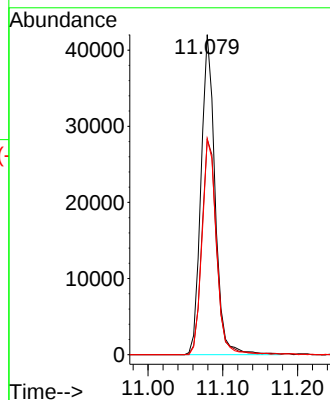
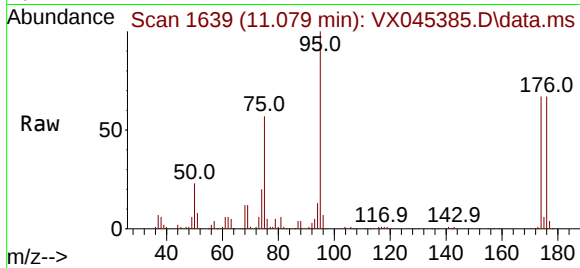




#62
4-Bromofluorobenzene
Concen: 52.469 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

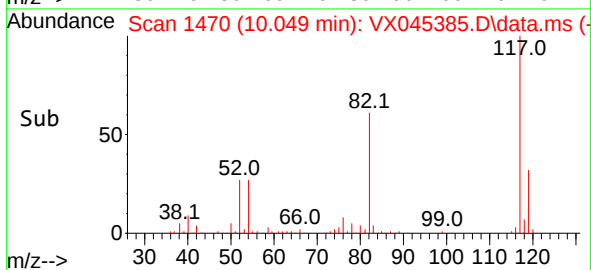
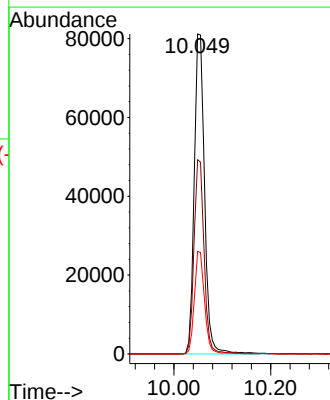
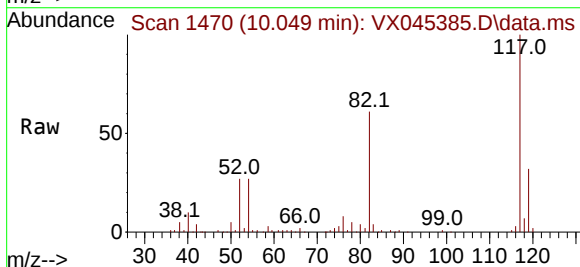
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20250313DL

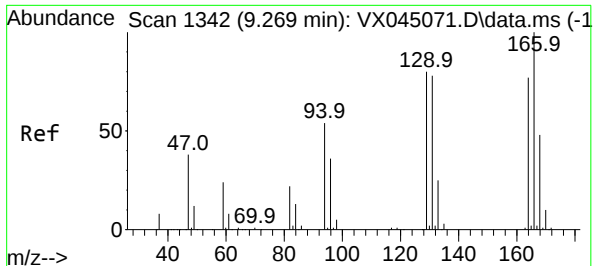
Tgt Ion: 95 Resp: 54783
Ion Ratio Lower Upper
95 100
174 69.8 0.0 148.2
176 69.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

Tgt Ion: 117 Resp: 120263
Ion Ratio Lower Upper
117 100
82 60.7 46.3 69.5
119 32.1 25.7 38.5



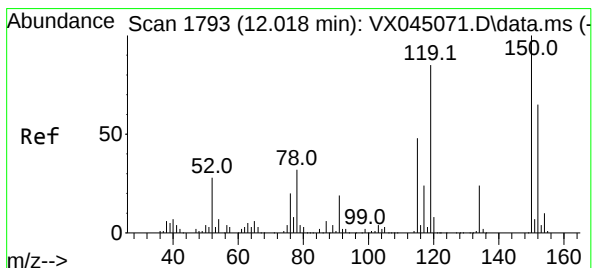
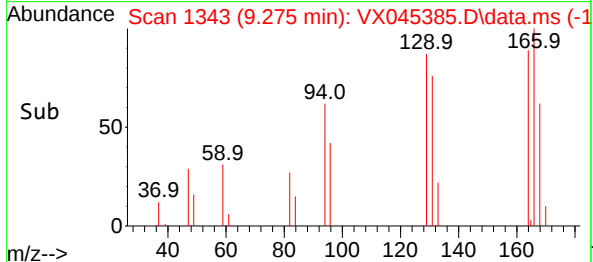
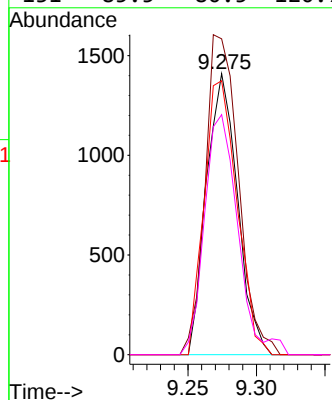
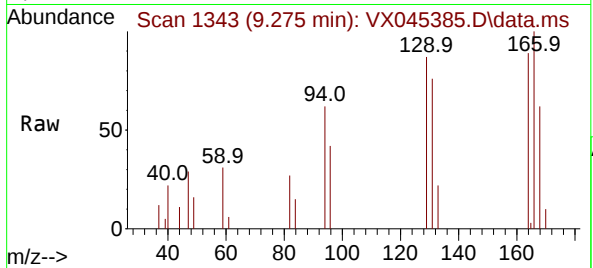


#64
Tetrachloroethene
Concen: 2.894 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20250313DL

Tgt Ion:164 Resp: 2229

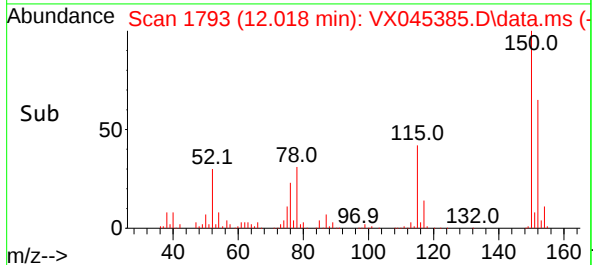
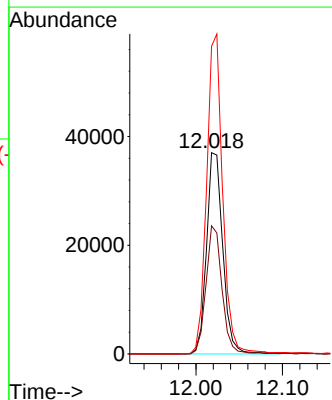
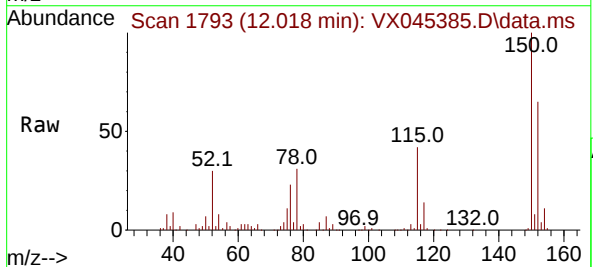
Ion	Ratio	Lower	Upper
164	100		
166	112.4	103.6	155.4
129	97.5	82.7	124.1
131	85.5	80.5	120.7

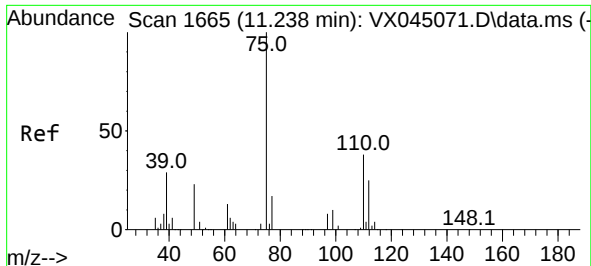


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

Tgt Ion:152 Resp: 48451

Ion	Ratio	Lower	Upper
152	100		
115	62.3	44.2	132.6
150	156.0	0.0	349.0

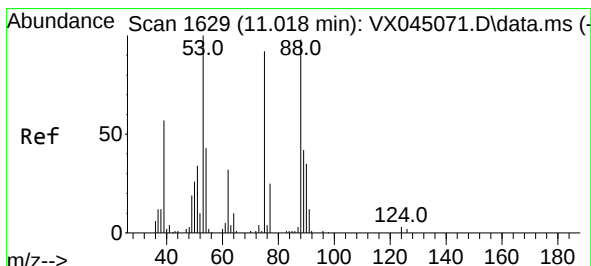
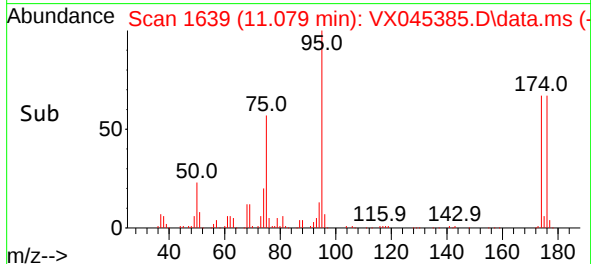
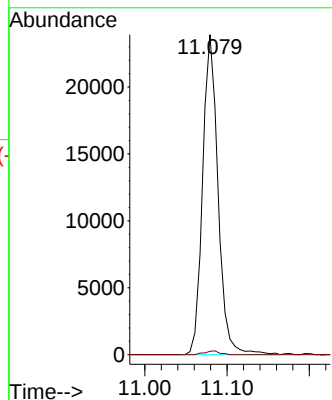
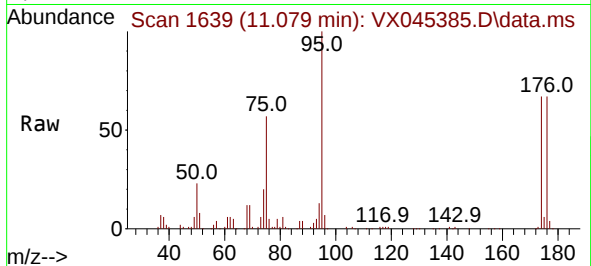




#76
1,2,3-Trichloropropane
Concen: 27.716 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20250313DL

Tgt Ion: 75 Resp: 31255
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.848 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

Tgt Ion: 75 Resp: 31255
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

