

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045366.D
 Acq On : 20 Mar 2025 17:09
 Operator : JC/MD
 Sample : Q1582-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20250313

Quant Time: Mar 21 01:51:22 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)

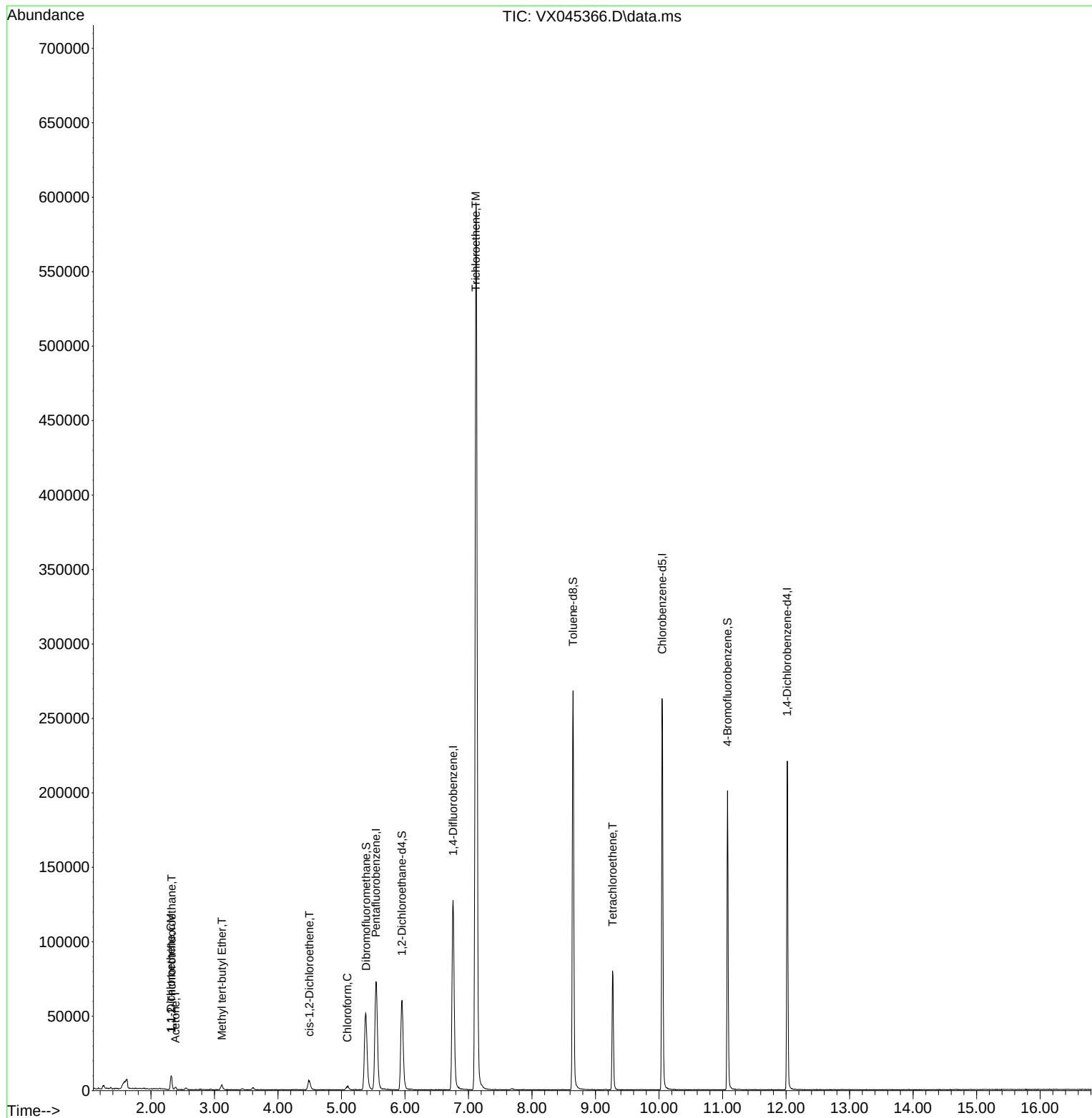
Internal Standards						
1) Pentafluorobenzene	5.544	168	64486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	110827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	42757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57787	56.337	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 112.680%		
35) Dibromofluoromethane	5.385	113	44900	52.953	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.900%		
50) Toluene-d8	8.647	98	156689	50.972	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.940%		
62) 4-Bromofluorobenzene	11.079	95	50345	49.424	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 98.840%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	2959	3.948	ug/l	98
12) 1,1-Dichloroethene	2.313	96	874	1.103	ug/l	92
16) Acetone	2.386	43	1171	2.461	ug/l #	79
19) Methyl tert-butyl Ether	3.117	73	3091	1.163	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	4096	4.239	ug/l	97
30) Chloroform	5.093	83	2813	1.761	ug/l	85
44) Trichloroethene	7.117	130	221917	257.381	ug/l	99
64) Tetrachloroethene	9.269	164	13870	19.541	ug/l	95

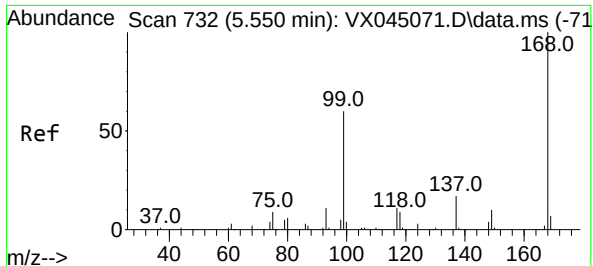
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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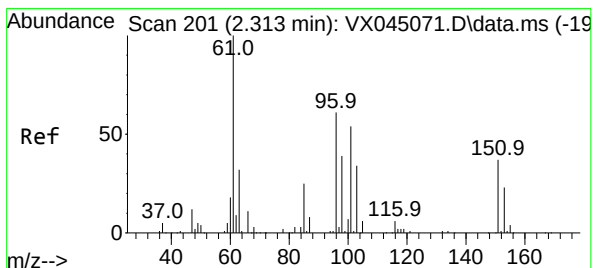
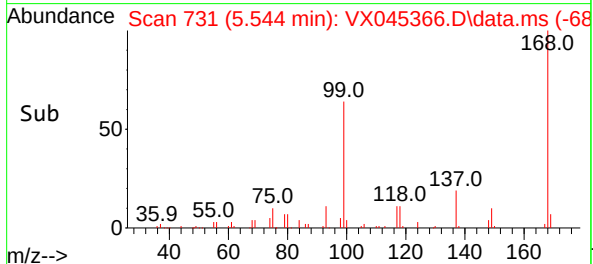
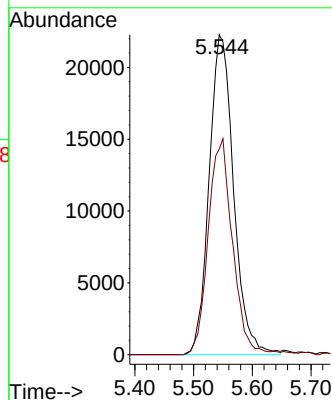
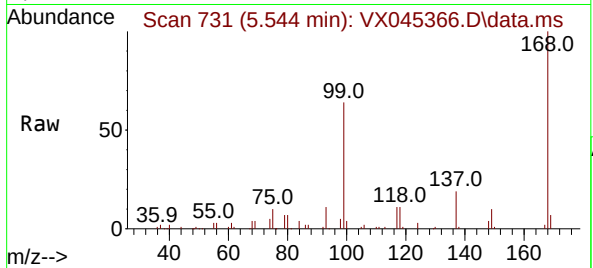




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045366.D
Acq: 20 Mar 2025 17:09

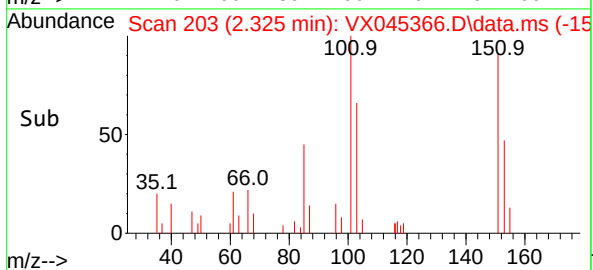
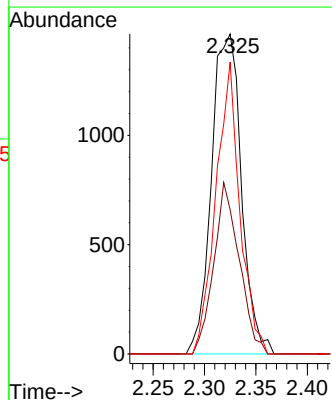
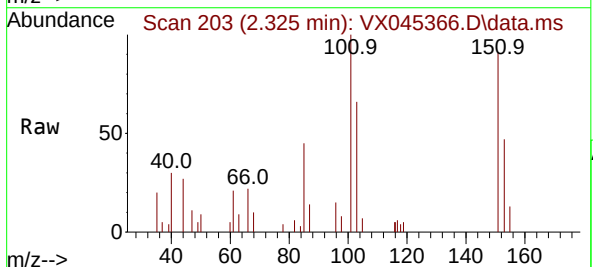
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20250313

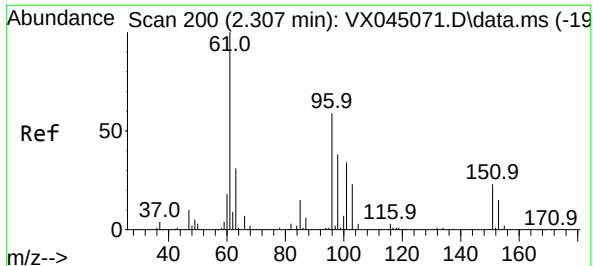
Tgt Ion:168 Resp: 64486
Ion Ratio Lower Upper
168 100
99 64.3 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.948 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX045366.D
Acq: 20 Mar 2025 17:09

Tgt Ion:101 Resp: 2959
Ion Ratio Lower Upper
101 100
85 45.7 36.2 54.4
151 73.3 56.4 84.6





#12

1,1-Dichloroethene

Concen: 1.103 ug/l

RT: 2.313 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX045366.D

Acq: 20 Mar 2025 17:09

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20250313

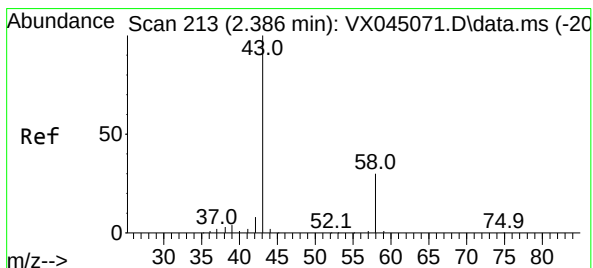
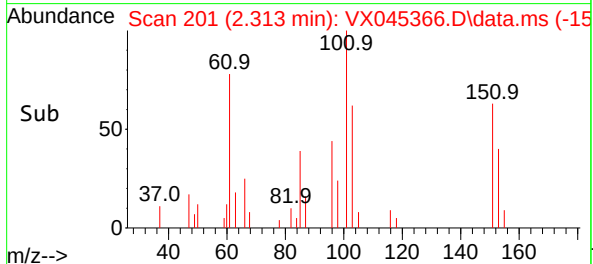
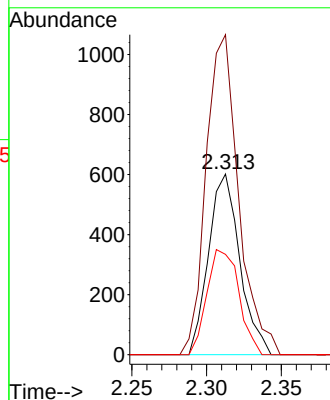
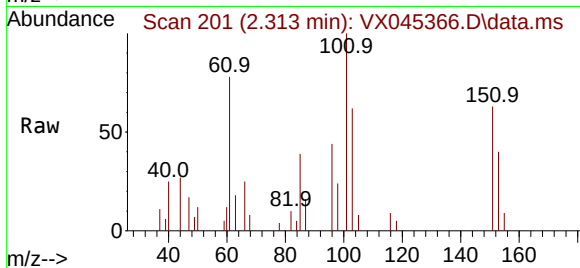
Tgt Ion: 96 Resp: 874

Ion Ratio Lower Upper

96 100

61 177.1 134.6 202.0

98 55.5 51.0 76.6



#16

Acetone

Concen: 2.461 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045366.D

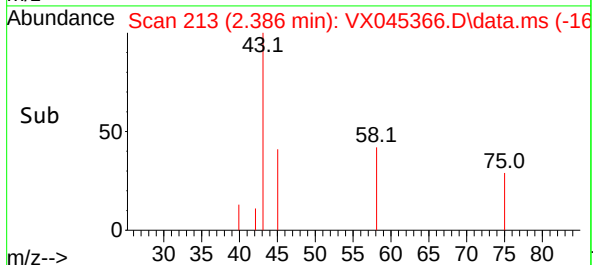
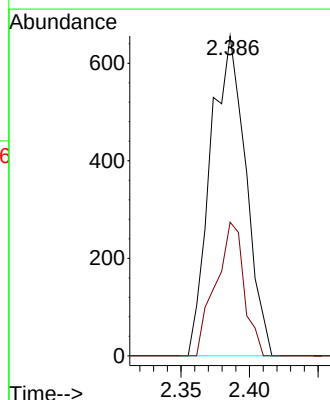
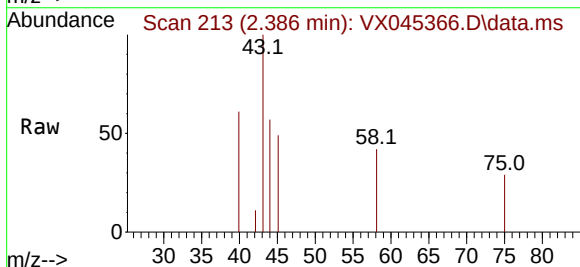
Acq: 20 Mar 2025 17:09

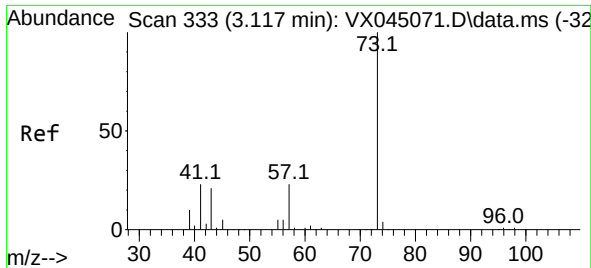
Tgt Ion: 43 Resp: 1171

Ion Ratio Lower Upper

43 100

58 41.8 24.2 36.4#

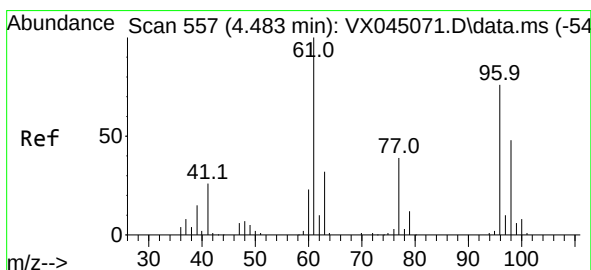
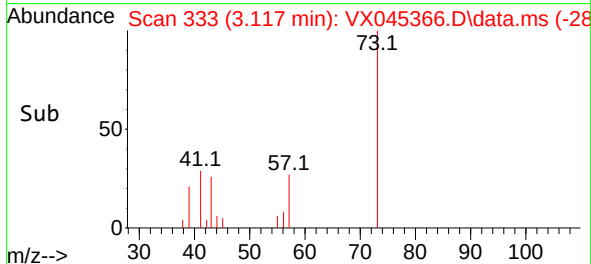
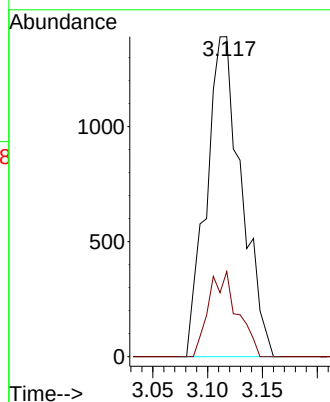
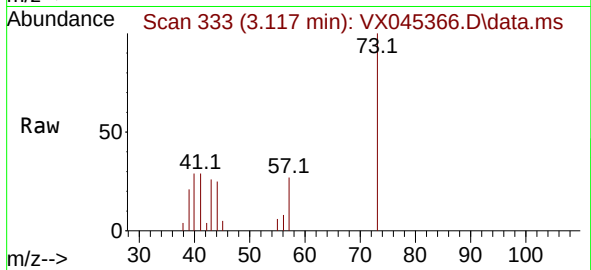




#19
Methyl tert-butyl Ether
Concen: 1.163 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045366.D
Acq: 20 Mar 2025 17:09

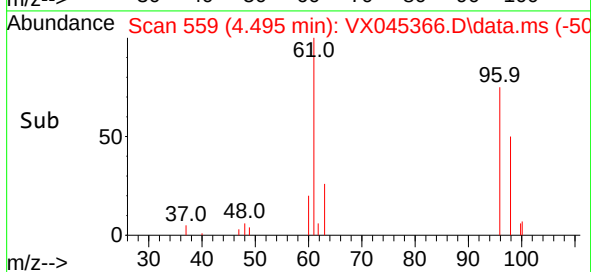
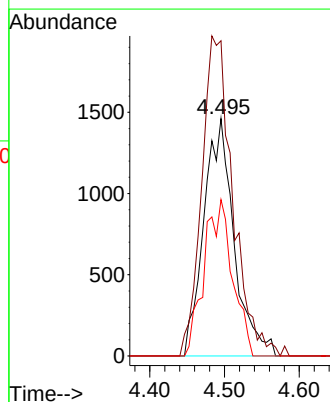
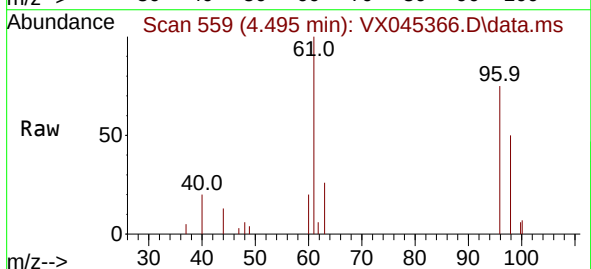
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20250313

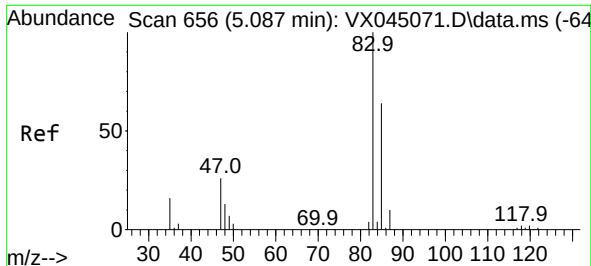
Tgt Ion: 73 Resp: 3091
Ion Ratio Lower Upper
73 100
57 26.6 18.5 27.7



#27
cis-1,2-Dichloroethene
Concen: 4.239 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX045366.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 96 Resp: 4096
Ion Ratio Lower Upper
96 100
61 138.5 0.0 283.2
98 62.0 0.0 128.0





#30

Chloroform

Concen: 1.761 ug/l

RT: 5.093 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX045366.D

Acq: 20 Mar 2025 17:09

Instrument :

MSVOA_X

ClientSampleId :

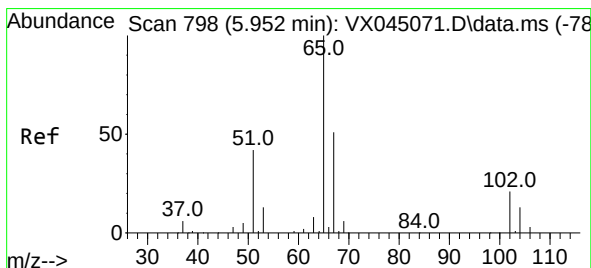
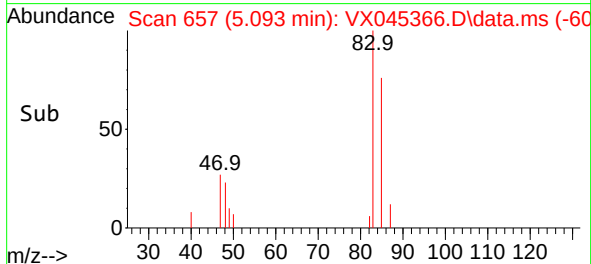
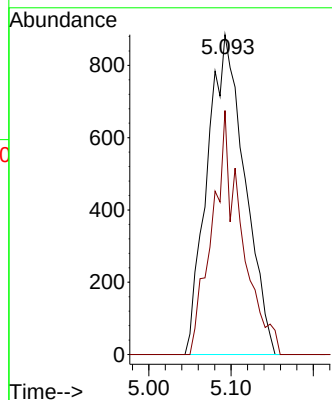
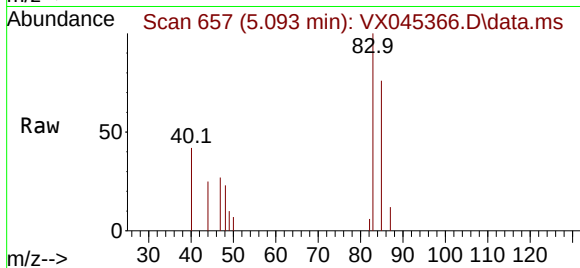
RE131D1-20250313

Tgt Ion: 83 Resp: 2813

Ion Ratio Lower Upper

83 100

85 76.3 51.4 77.2



#33

1,2-Dichloroethane-d4

Concen: 56.337 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045366.D

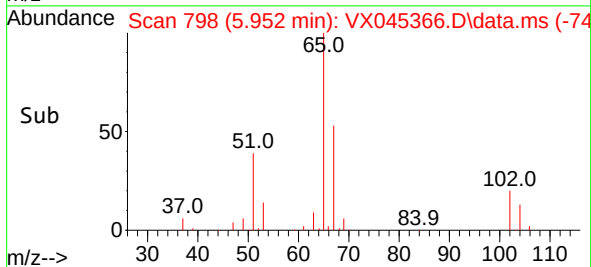
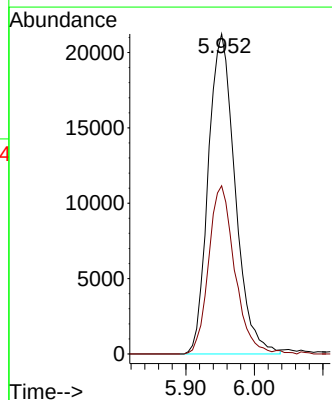
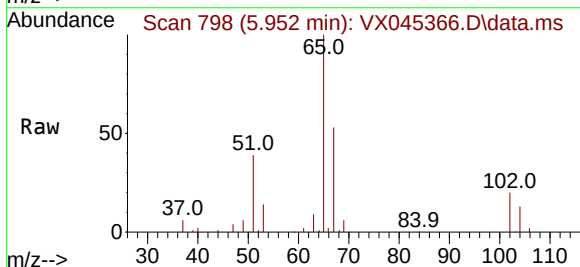
Acq: 20 Mar 2025 17:09

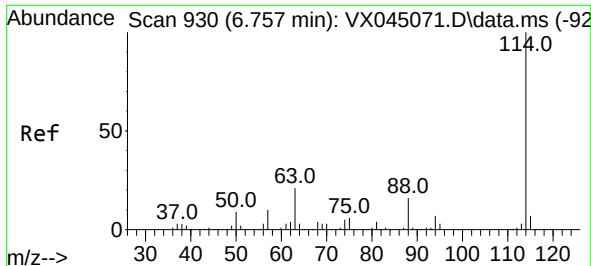
Tgt Ion: 65 Resp: 57787

Ion Ratio Lower Upper

65 100

67 51.2 0.0 106.2

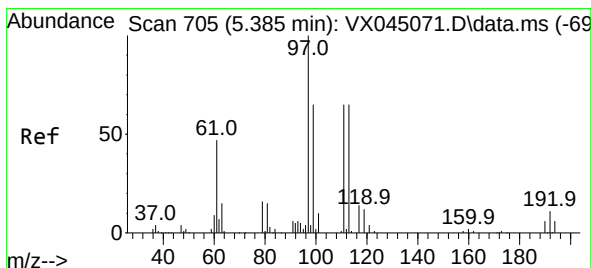
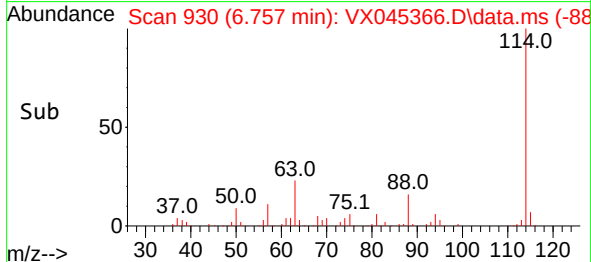
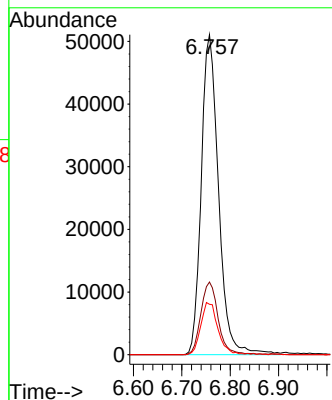
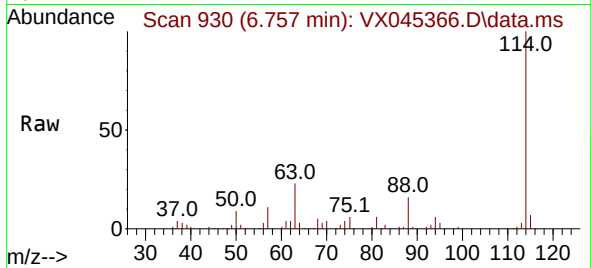




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045366.D
Acq: 20 Mar 2025 17:09

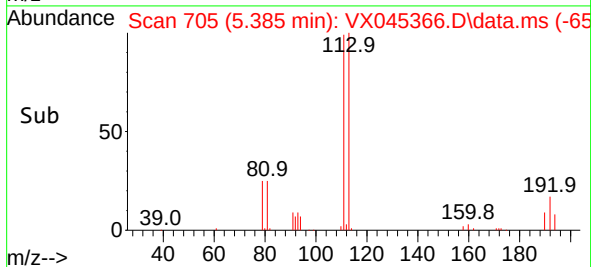
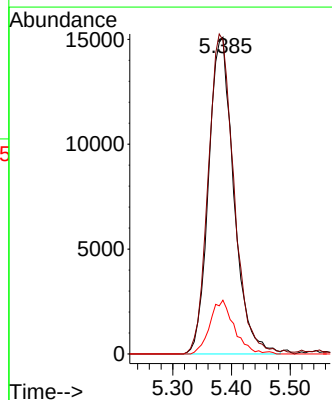
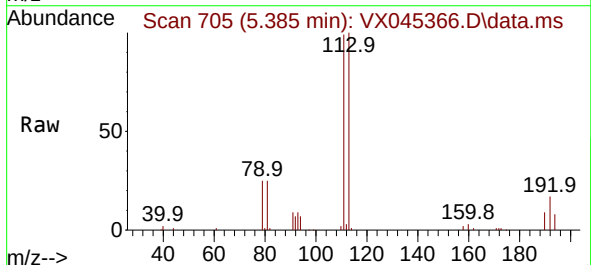
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20250313

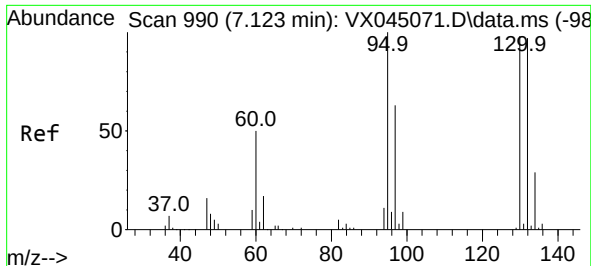
Tgt Ion:114 Resp: 126806
Ion Ratio Lower Upper
114 100
63 22.7 0.0 41.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.953 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045366.D
Acq: 20 Mar 2025 17:09

Tgt Ion:113 Resp: 44900
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.6
192 16.5 14.3 21.5

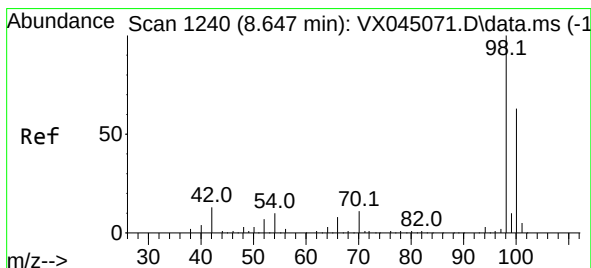
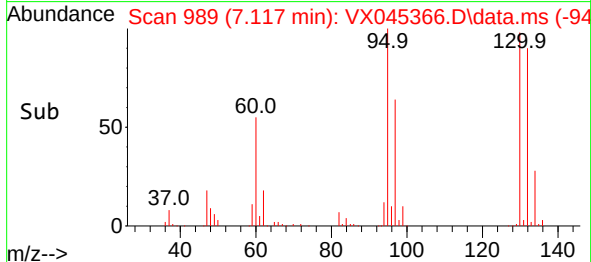
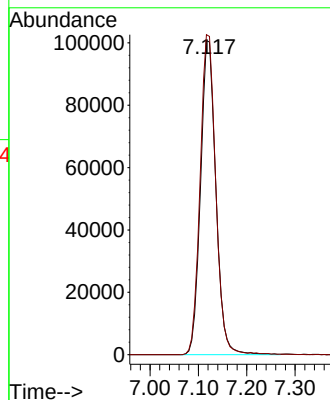
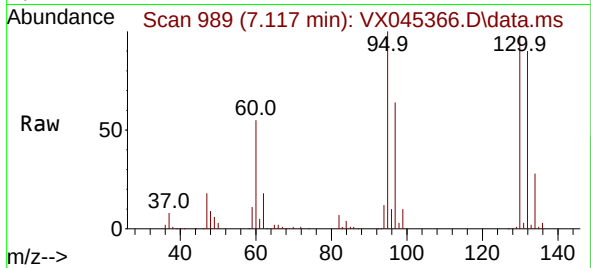




#44
Trichloroethene
Concen: 257.381 ug/l
RT: 7.117 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX045366.D
Acq: 20 Mar 2025 17:09

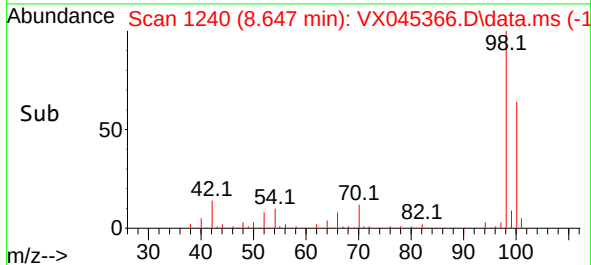
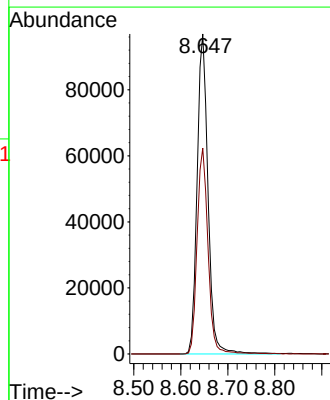
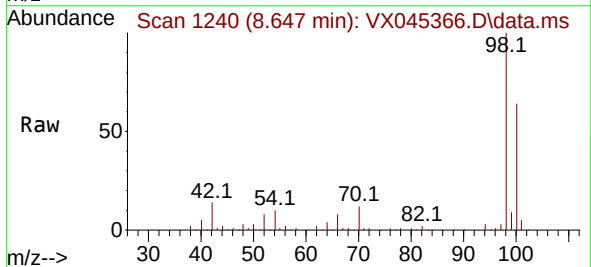
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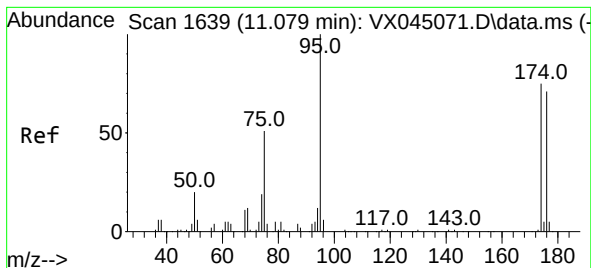
Tgt Ion:130 Resp: 221917
Ion Ratio Lower Upper
130 100
95 101.9 0.0 205.0



#50
Toluene-d8
Concen: 50.972 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045366.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 98 Resp: 156689
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

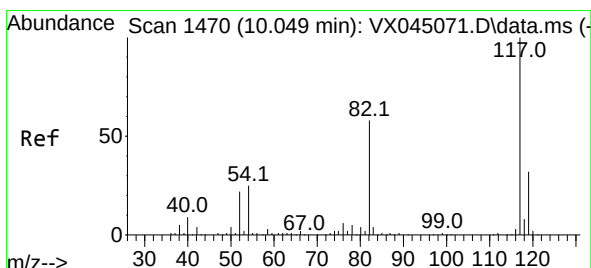
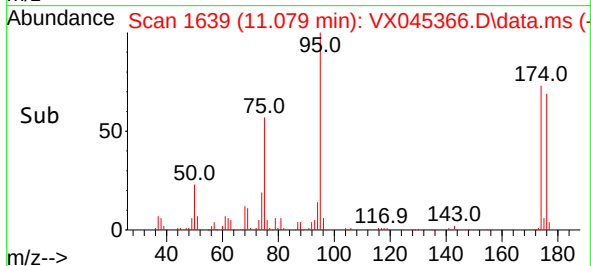
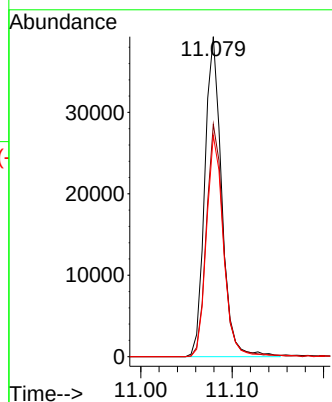
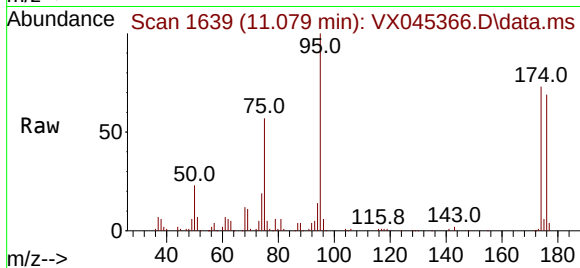




#62
4-Bromofluorobenzene
Concen: 49.424 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045366.D
Acq: 20 Mar 2025 17:09

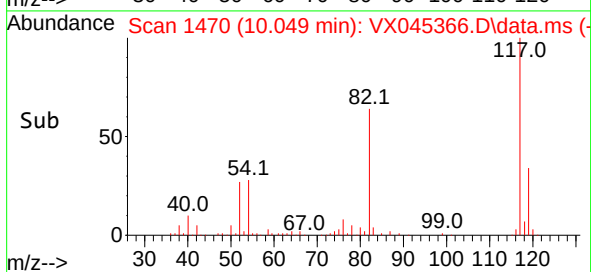
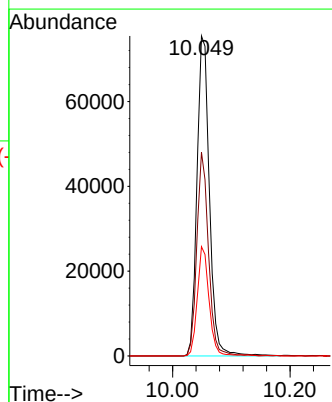
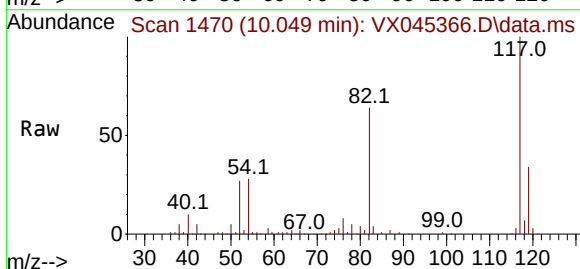
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20250313

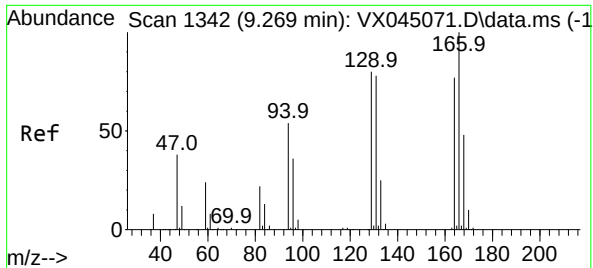
Tgt Ion: 95 Resp: 50345
Ion Ratio Lower Upper
95 100
174 73.3 0.0 148.2
176 70.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045366.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 117 Resp: 110827
Ion Ratio Lower Upper
117 100
82 63.6 46.3 69.5
119 34.2 25.7 38.5



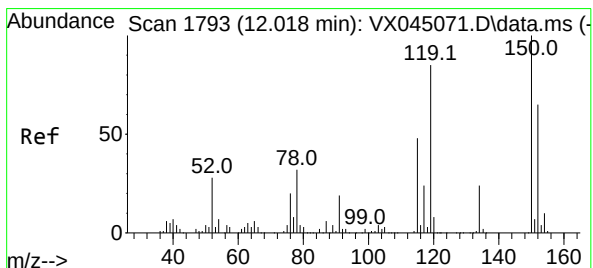
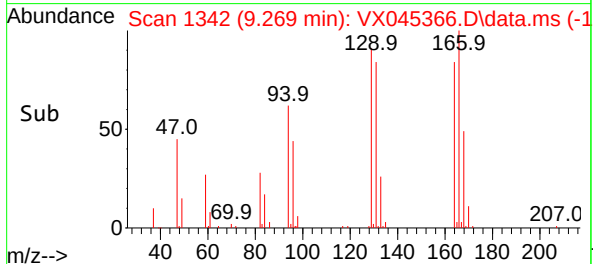
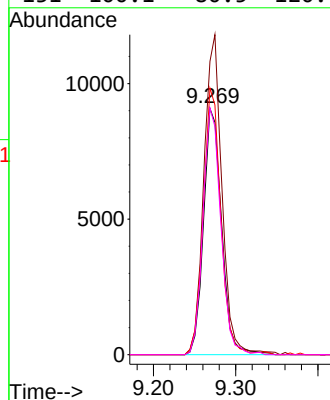
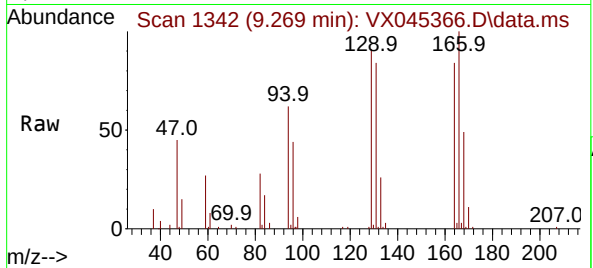


#64
Tetrachloroethene
Concen: 19.541 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045366.D
Acq: 20 Mar 2025 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20250313

Tgt Ion:164 Resp: 13870

Ion	Ratio	Lower	Upper
164	100		
166	119.1	103.6	155.4
129	108.2	82.7	124.1
131	100.1	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: VX045366.D
Acq: 20 Mar 2025 17:09

Tgt Ion:152 Resp: 42757

Ion	Ratio	Lower	Upper
152	100		
115	62.1	44.2	132.6
150	157.4	0.0	349.0

