

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120924\
 Data File : VX044185.D
 Acq On : 09 Dec 2024 14:07
 Operator : JC/MD
 Sample : P5164-04 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20241206

Quant Time: Dec 10 01:42:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

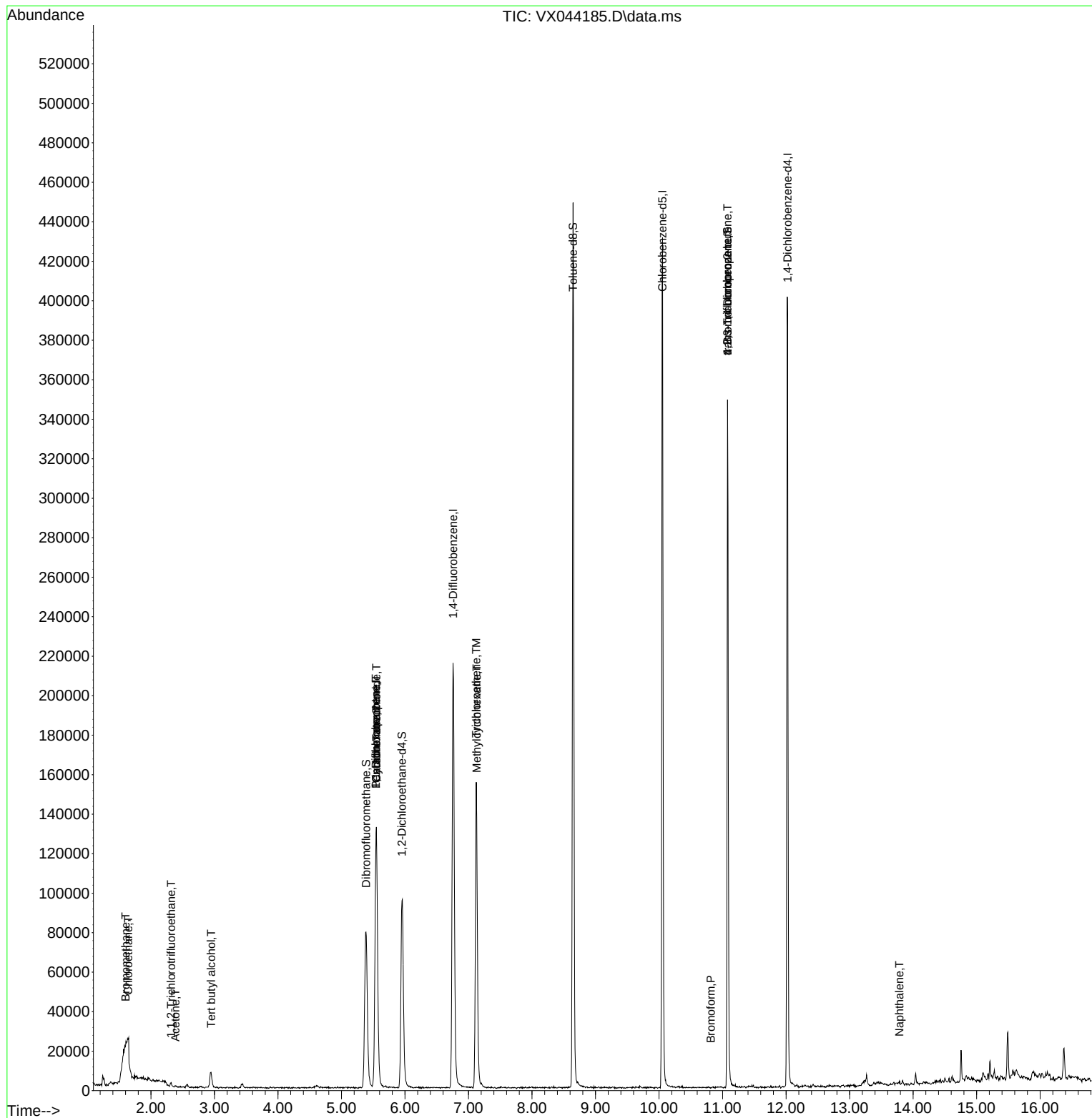
Internal Standards						
1) Pentafluorobenzene	5.543	168	113714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	212837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99361	50.944	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.880%
35) Dibromofluoromethane	5.385	113	70753	46.523	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.040%
50) Toluene-d8	8.647	98	259184	49.440	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.880%
62) 4-Bromofluorobenzene	11.079	95	88889	49.822	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.640%
Target Compounds						Qvalue
5) Bromomethane	1.599	94	211	0.213	ug/l #	73
6) Chloroethane	1.642	64	409	0.416	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.318	101	530	0.385	ug/l	92
11) Tert butyl alcohol	2.946	59	4796	15.320	ug/l #	73
16) Acetone	2.386	43	629	0.702	ug/l #	87
31) Cyclohexane	5.550	56	3365	1.548	ug/l #	36
36) 1,1-Dichloropropene	5.543	75	10510	5.546	ug/l #	47
38) Carbon Tetrachloride	5.550	117	13795	6.478	ug/l #	16
39) Methylcyclohexane	7.129	83	665	0.270	ug/l #	1
44) Trichloroethene	7.122	130	54650	32.703	ug/l	93
71) Bromoform	10.817	173	39	1.244	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	52416	30.463	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	52416	83.126	ug/l #	6
95) Naphthalene	13.786	128	1147	0.204	ug/l #	93

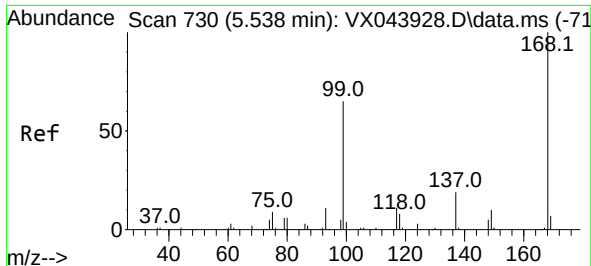
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
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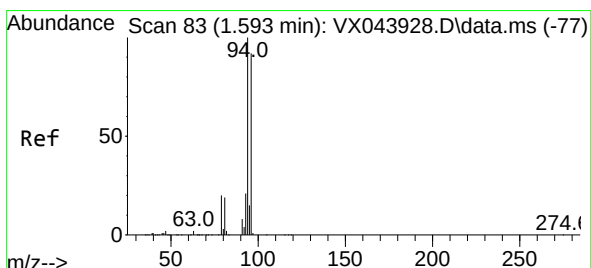
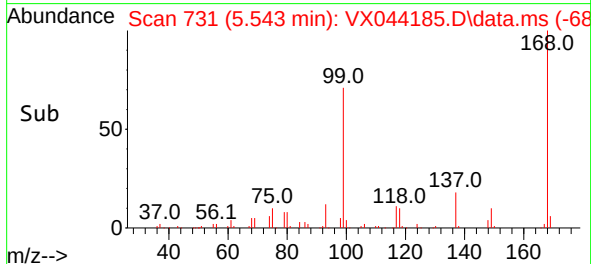
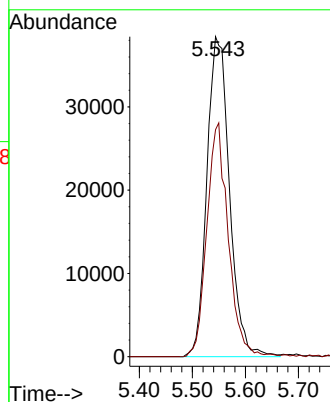
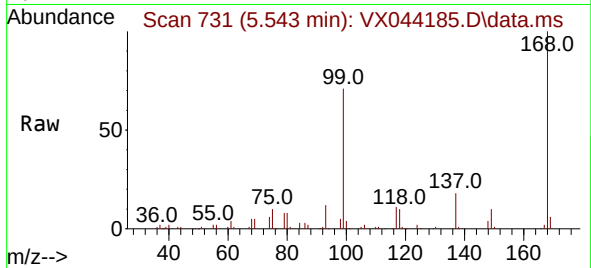




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX044185.D
Acq: 09 Dec 2024 14:07

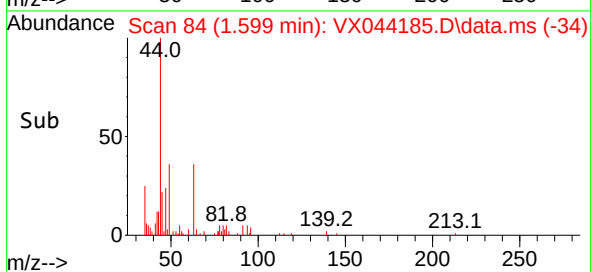
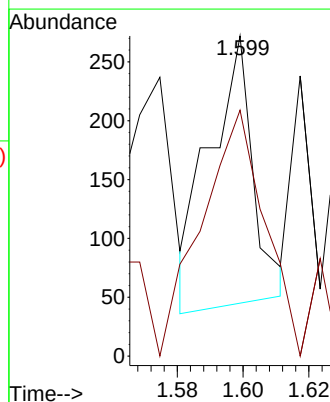
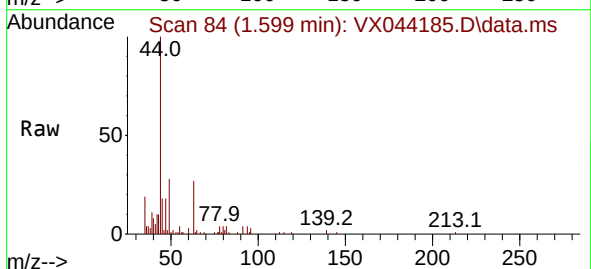
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20241206

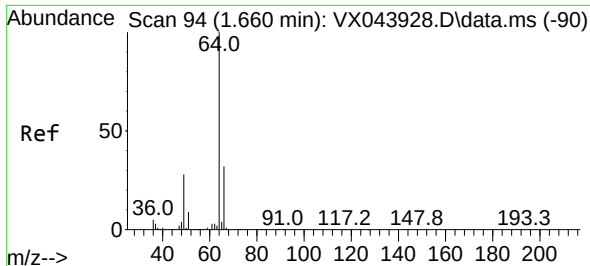
Tgt Ion:168 Resp: 113714
Ion Ratio Lower Upper
168 100
99 70.9 51.8 77.8



#5
Bromomethane
Concen: 0.213 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044185.D
Acq: 09 Dec 2024 14:07

Tgt Ion: 94 Resp: 211
Ion Ratio Lower Upper
94 100
96 66.8 73.9 110.9#

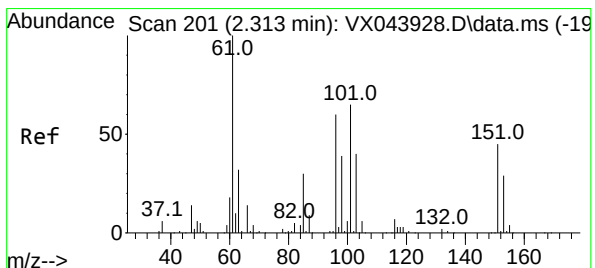
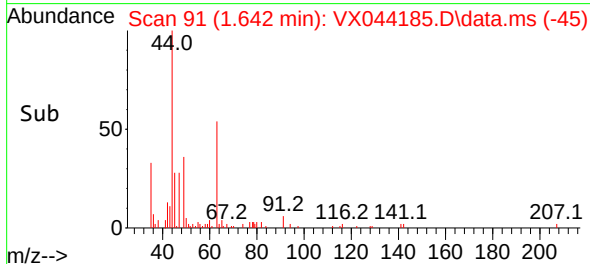
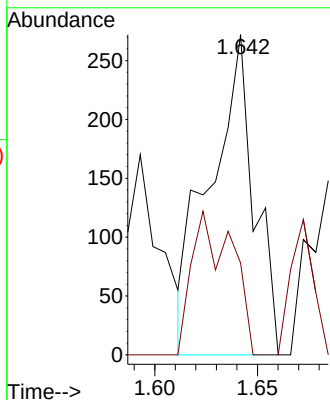
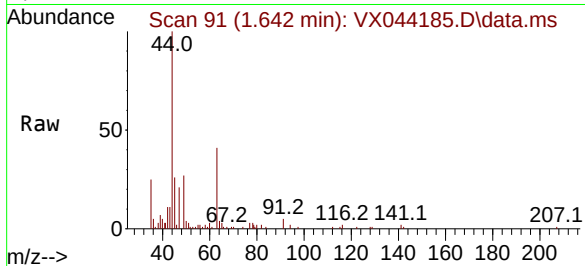




#6
Chloroethane
Concen: 0.416 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.019 min
Lab File: VX044185.D
Acq: 09 Dec 2024 14:07

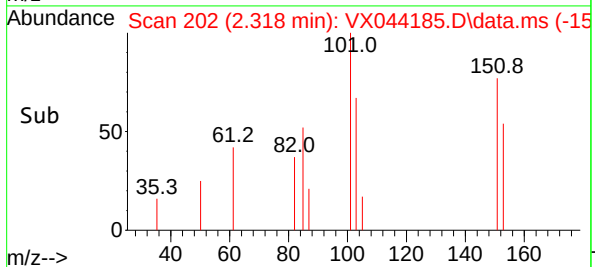
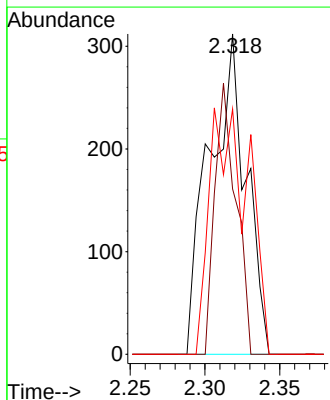
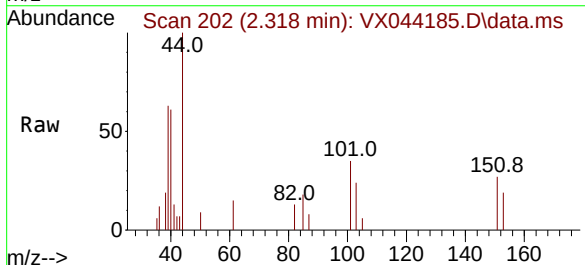
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20241206

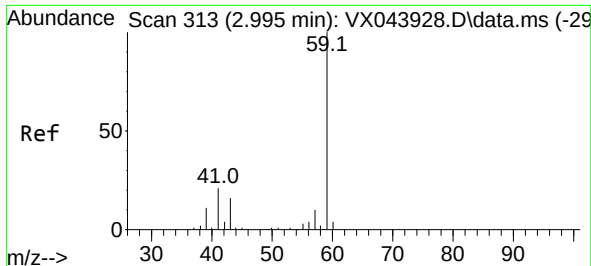
Tgt Ion: 64 Resp: 409
Ion Ratio Lower Upper
64 100
66 28.7 25.9 38.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.385 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX044185.D
Acq: 09 Dec 2024 14:07

Tgt Ion: 101 Resp: 530
Ion Ratio Lower Upper
101 100
85 49.1 37.9 56.9
151 81.7 57.5 86.3





#11

Tert butyl alcohol

Concen: 15.320 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX044185.D

Acq: 09 Dec 2024 14:07

Instrument :

MSVOA_X

ClientSampleId :

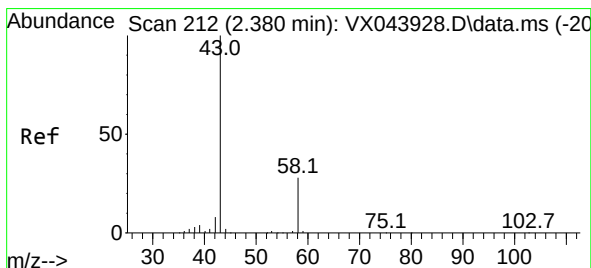
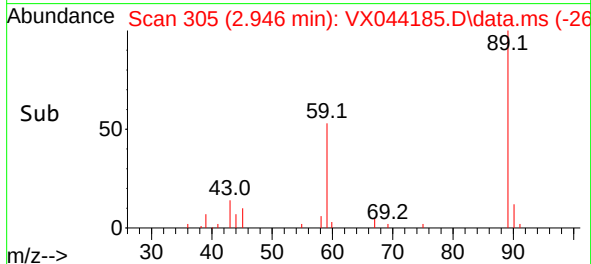
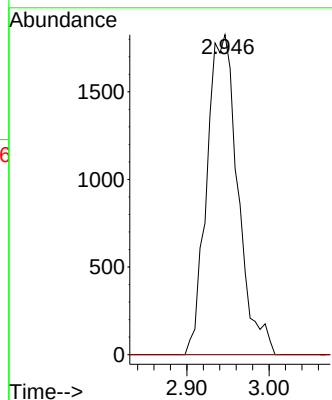
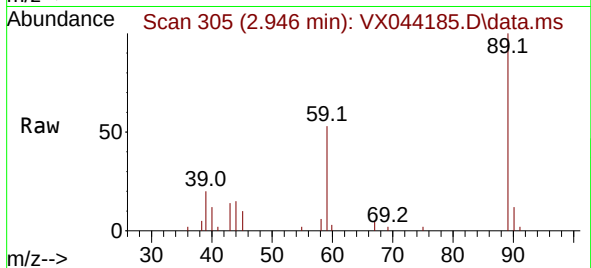
RE105D2-20241206

Tgt Ion: 59 Resp: 4796

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#16

Acetone

Concen: 0.702 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX044185.D

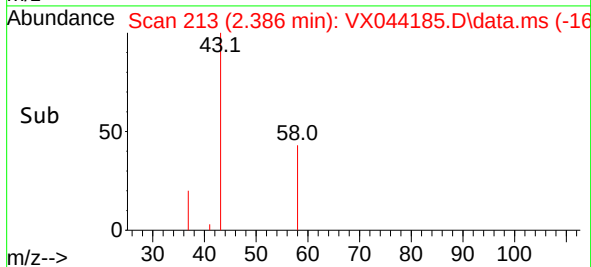
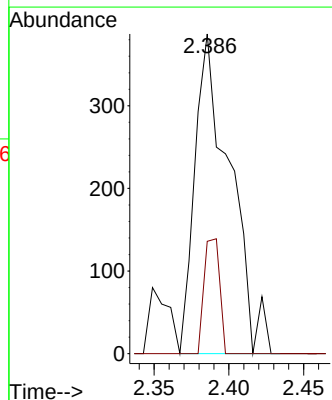
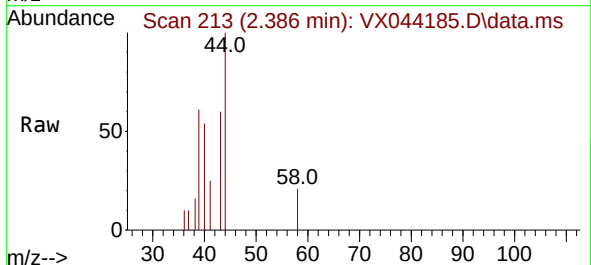
Acq: 09 Dec 2024 14:07

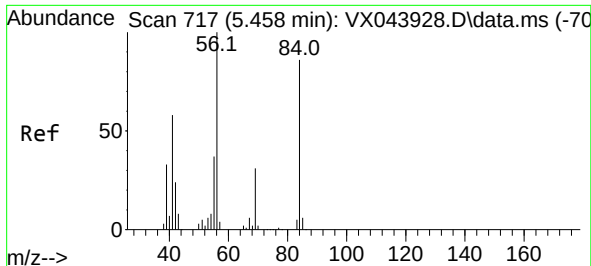
Tgt Ion: 43 Resp: 629

Ion Ratio Lower Upper

43 100

58 35.1 22.7 34.1#

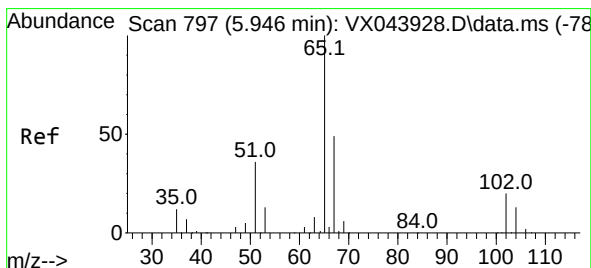
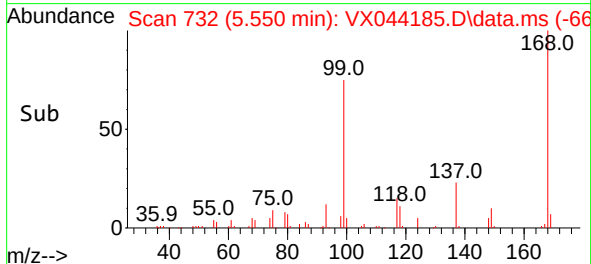
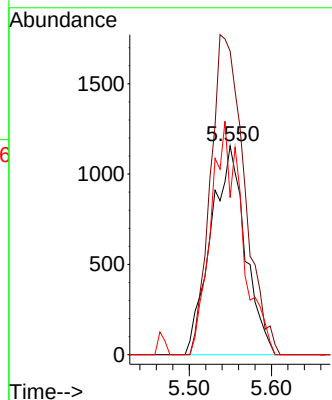
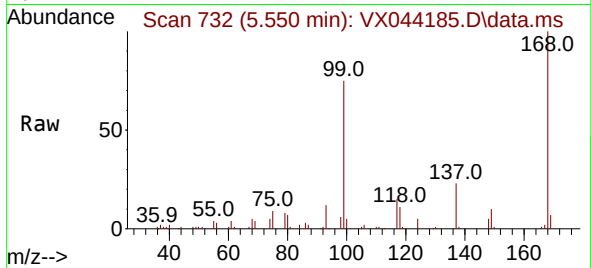




#31
Cyclohexane
Concen: 1.548 ug/l
RT: 5.550 min Scan# 717
Delta R.T. 0.091 min
Lab File: VX044185.D
Acq: 09 Dec 2024 14:07

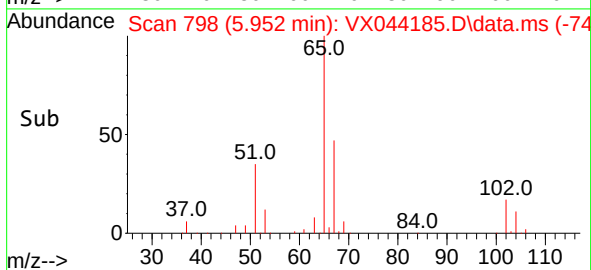
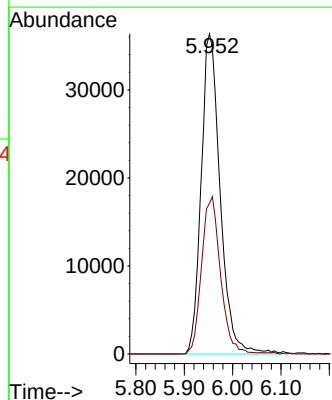
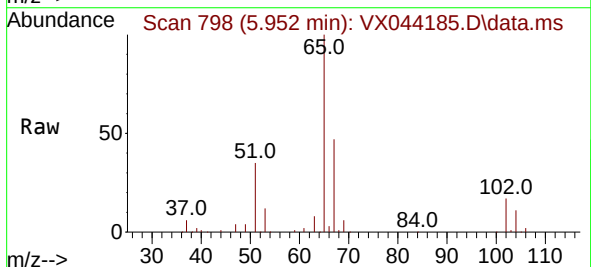
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20241206

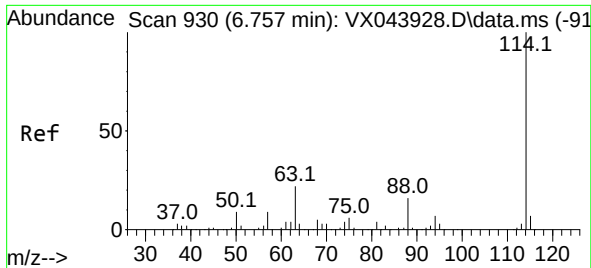
Tgt Ion: 56 Resp: 3365
Ion Ratio Lower Upper
56 100
69 145.4 24.7 37.1#
84 75.3 68.7 103.1



#33
1,2-Dichloroethane-d4
Concen: 50.944 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044185.D
Acq: 09 Dec 2024 14:07

Tgt Ion: 65 Resp: 99361
Ion Ratio Lower Upper
65 100
67 48.8 0.0 100.8

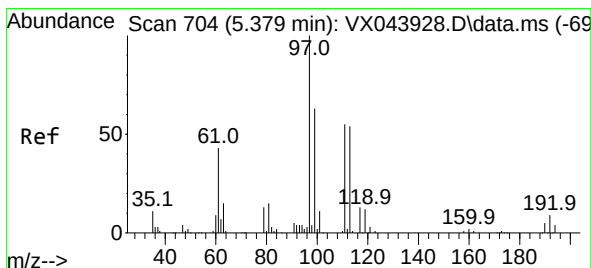
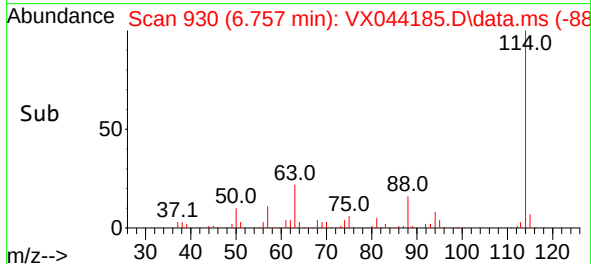
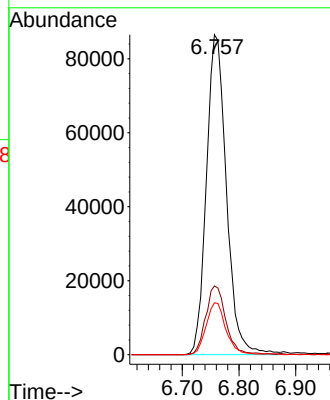
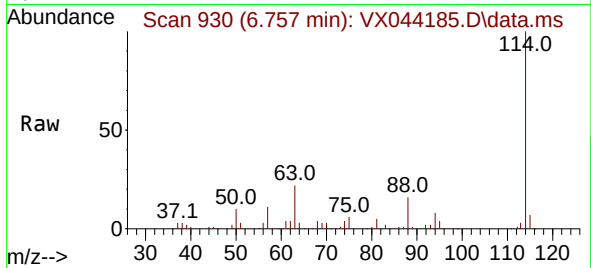




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044185.D
Acq: 09 Dec 2024 14:07

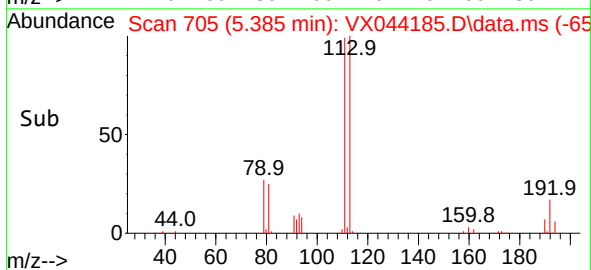
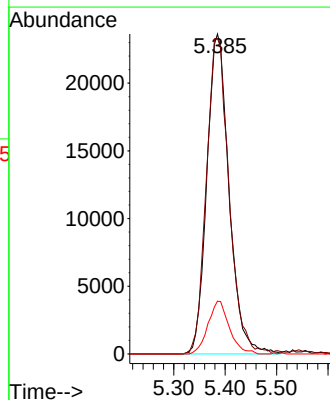
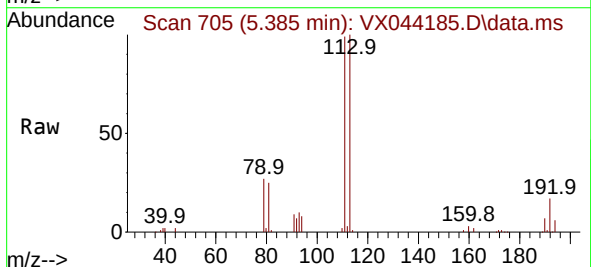
Instrument :
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ClientSampleId :
RE105D2-20241206

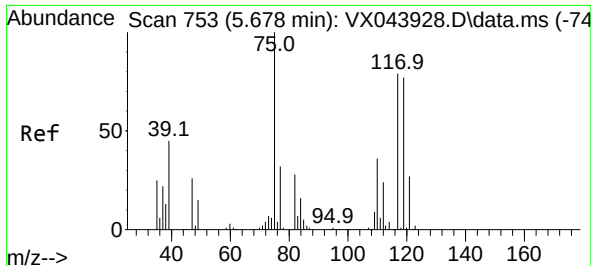
Tgt Ion:114 Resp: 212837
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.523 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044185.D
Acq: 09 Dec 2024 14:07

Tgt Ion:113 Resp: 70753
Ion Ratio Lower Upper
113 100
111 100.8 81.0 121.4
192 15.9 13.0 19.6

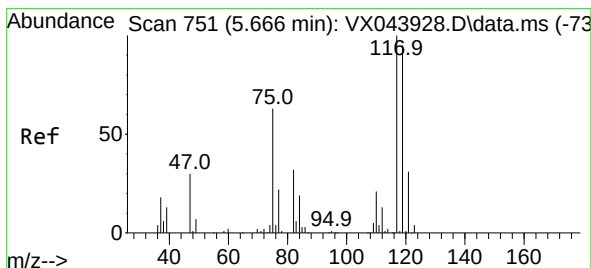
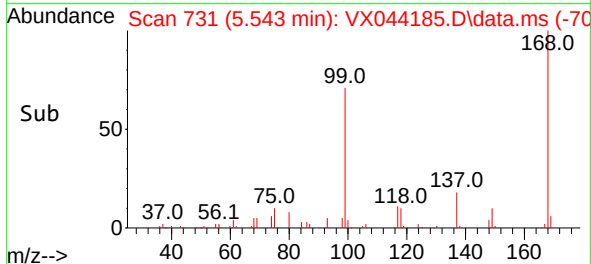
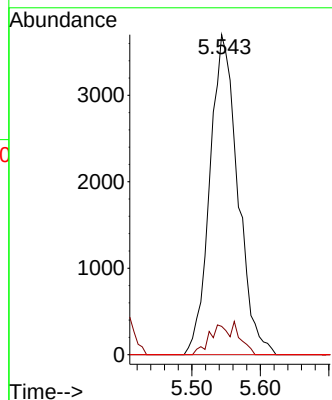
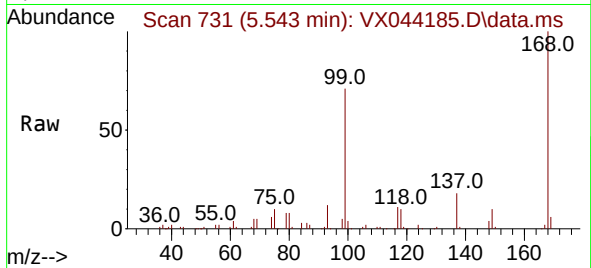




#36
1,1-Dichloropropene
Concen: 5.546 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX044185.D
Acq: 09 Dec 2024 14:07

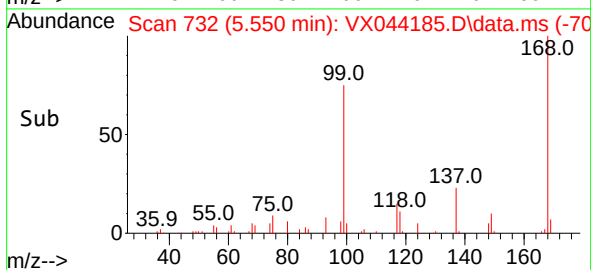
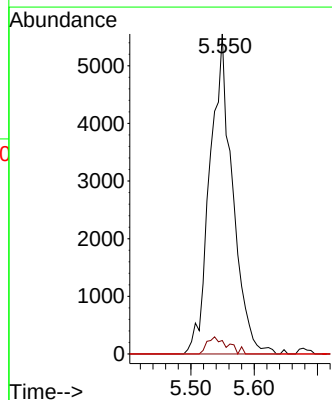
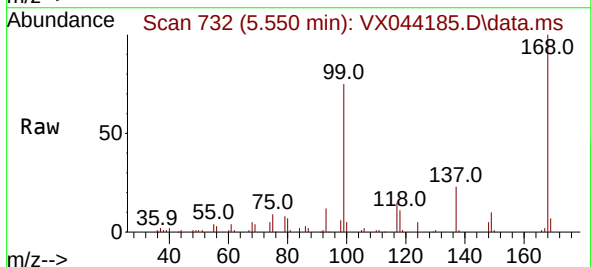
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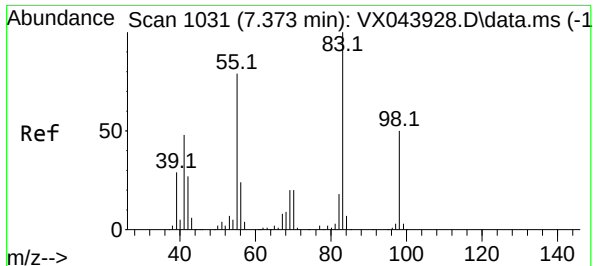
Tgt Ion: 75 Resp: 10510
Ion Ratio Lower Upper
75 100
110 6.4 17.4 52.2#
77 0.0 25.8 38.8#



#38
Carbon Tetrachloride
Concen: 6.478 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.116 min
Lab File: VX044185.D
Acq: 09 Dec 2024 14:07

Tgt Ion: 117 Resp: 13795
Ion Ratio Lower Upper
117 100
119 4.2 75.2 112.8#
121 0.0 24.5 36.7#

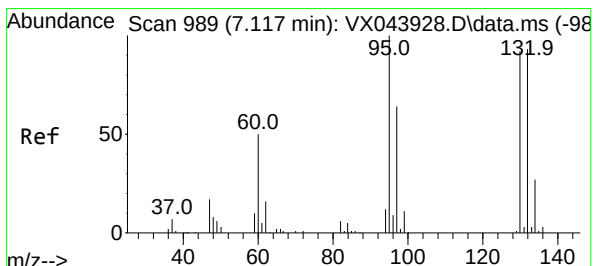
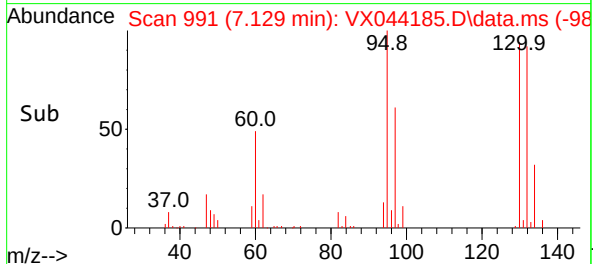
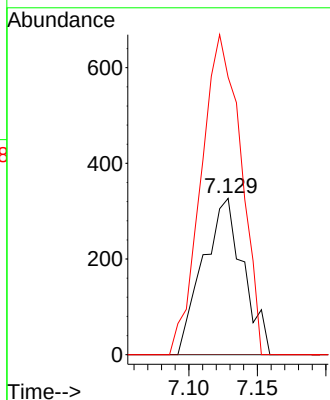
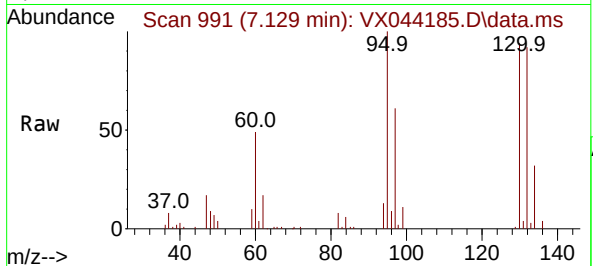




#39
Methylcyclohexane
Concen: 0.270 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.244 min
Lab File: VX044185.D
Acq: 09 Dec 2024 14:07

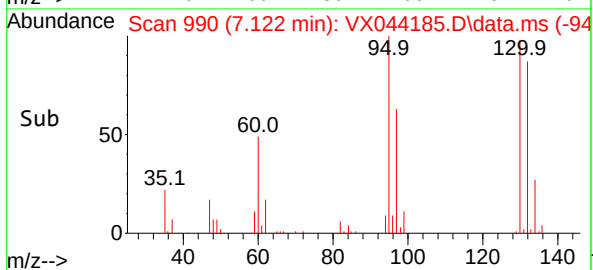
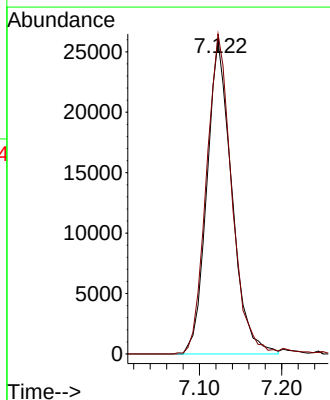
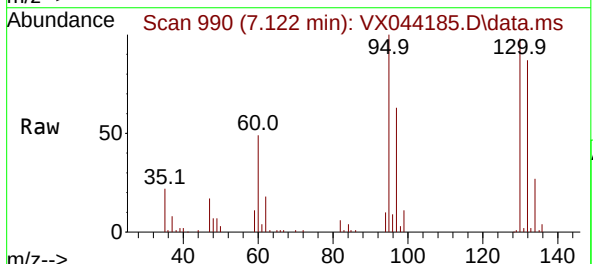
Instrument :
MSVOA_X
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RE105D2-20241206

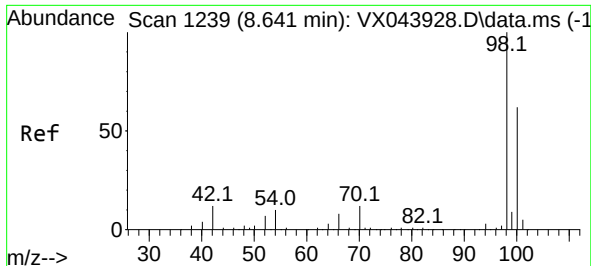
Tgt Ion: 83 Resp: 665
Ion Ratio Lower Upper
83 100
55 0.0 63.1 94.7#
98 157.5 40.0 60.0#



#44
Trichloroethene
Concen: 32.703 ug/l
RT: 7.122 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX044185.D
Acq: 09 Dec 2024 14:07

Tgt Ion:130 Resp: 54650
Ion Ratio Lower Upper
130 100
95 101.7 0.0 217.8

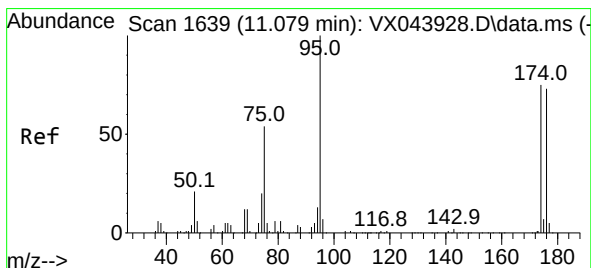
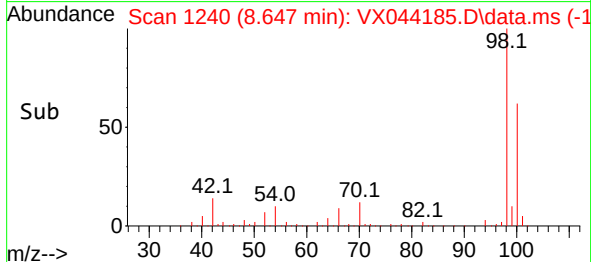
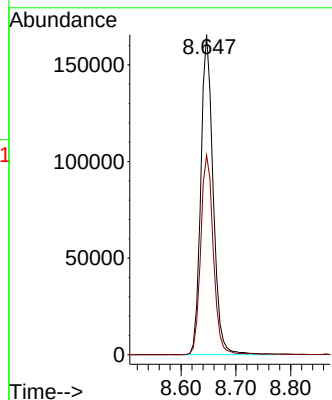
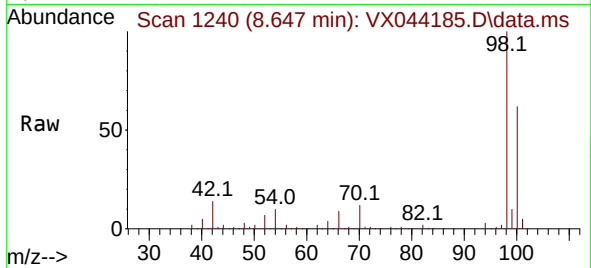




#50
Toluene-d8
Concen: 49.440 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044185.D
Acq: 09 Dec 2024 14:07

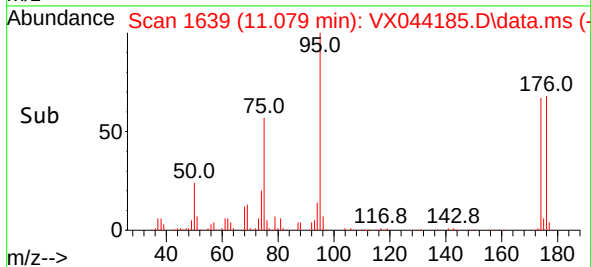
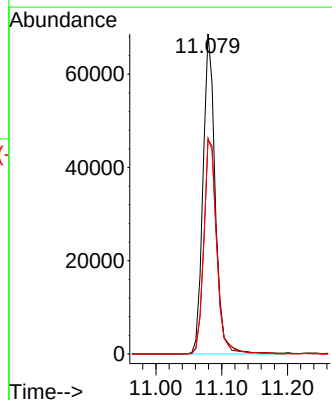
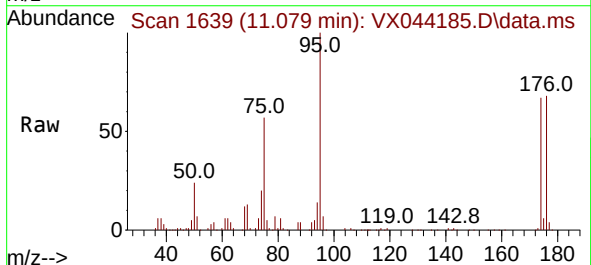
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20241206

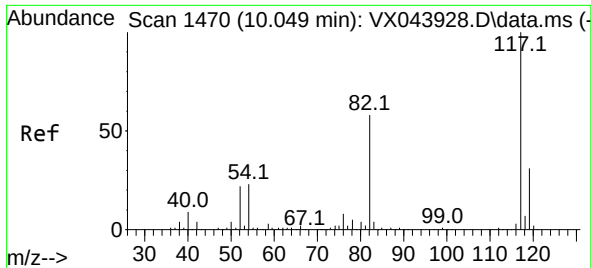
Tgt Ion: 98 Resp: 259184
Ion Ratio Lower Upper
98 100
100 64.3 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 49.822 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044185.D
Acq: 09 Dec 2024 14:07

Tgt Ion: 95 Resp: 88889
Ion Ratio Lower Upper
95 100
174 70.8 0.0 150.4
176 70.2 0.0 146.0

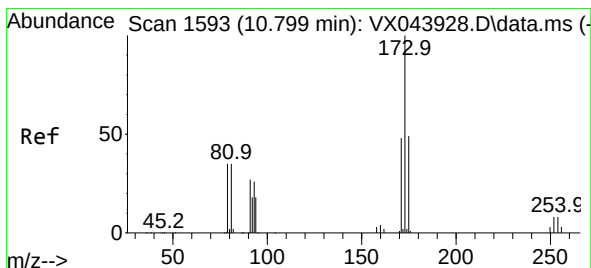
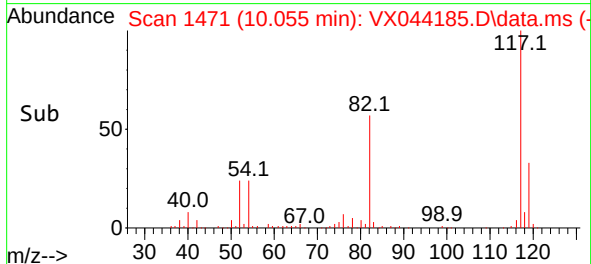
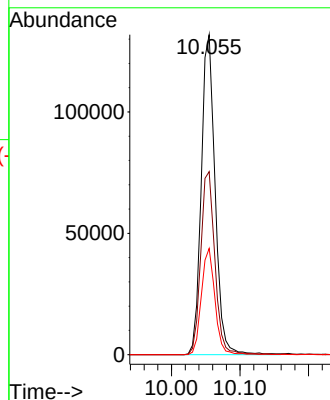
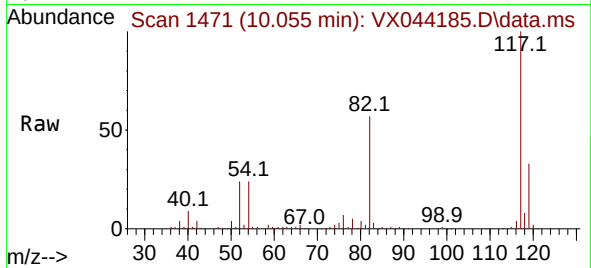




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044185.D
Acq: 09 Dec 2024 14:07

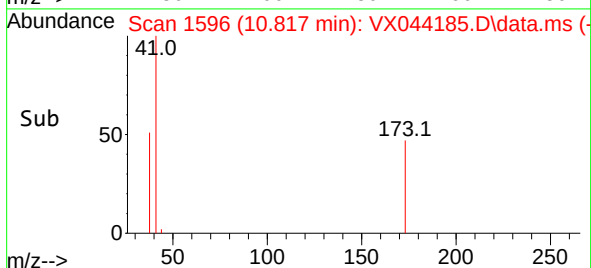
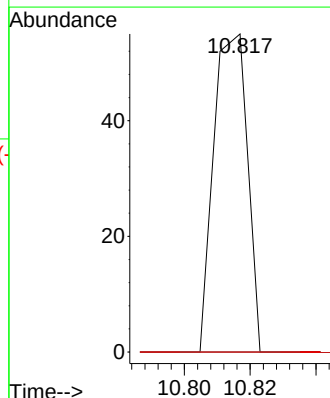
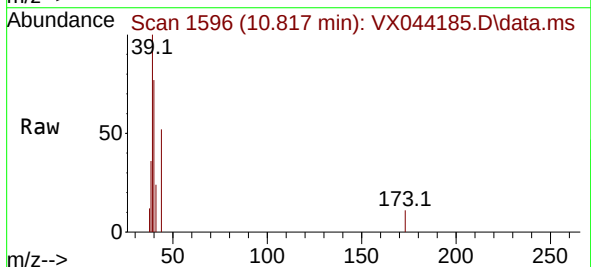
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20241206

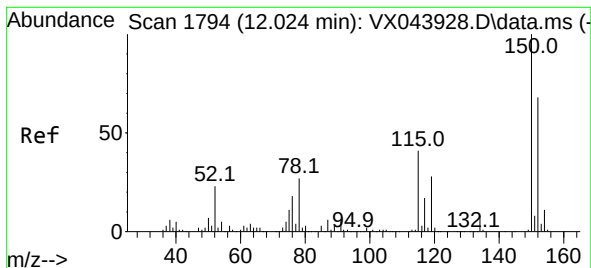
Tgt Ion:117 Resp: 186183
Ion Ratio Lower Upper
117 100
82 57.2 46.4 69.6
119 33.2 24.6 37.0



#71
Bromoform
Concen: 1.244 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. 0.018 min
Lab File: VX044185.D
Acq: 09 Dec 2024 14:07

Tgt Ion:173 Resp: 39
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044185.D

Acq: 09 Dec 2024 14:07

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20241206

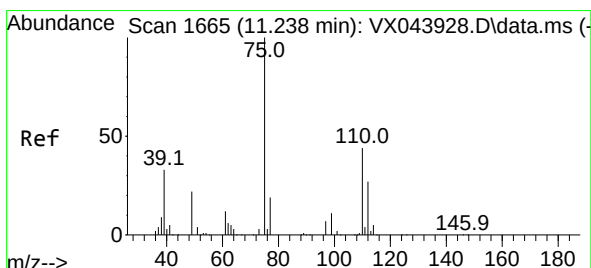
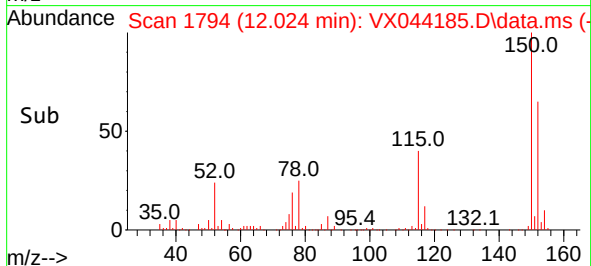
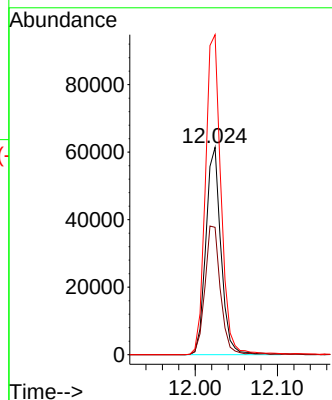
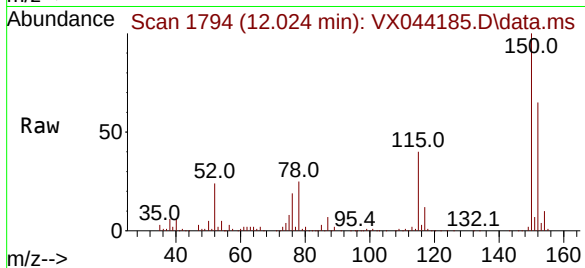
Tgt Ion:152 Resp: 78462

Ion Ratio Lower Upper

152 100

115 63.8 45.4 136.2

150 159.2 0.0 353.0



#76

1,2,3-Trichloropropane

Concen: 30.463 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044185.D

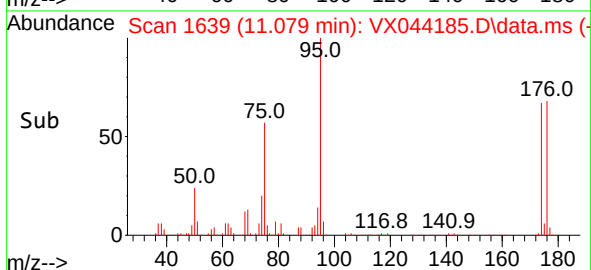
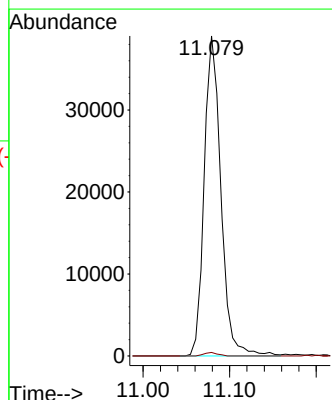
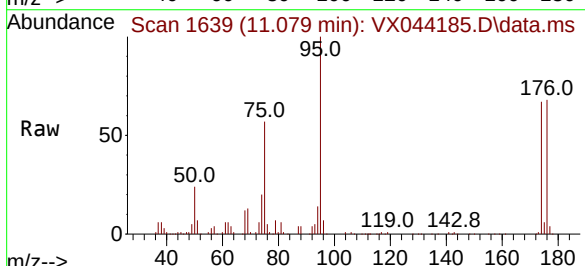
Acq: 09 Dec 2024 14:07

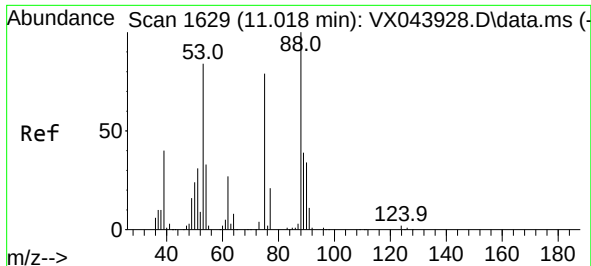
Tgt Ion: 75 Resp: 52416

Ion Ratio Lower Upper

75 100

77 0.9 21.8 65.3#

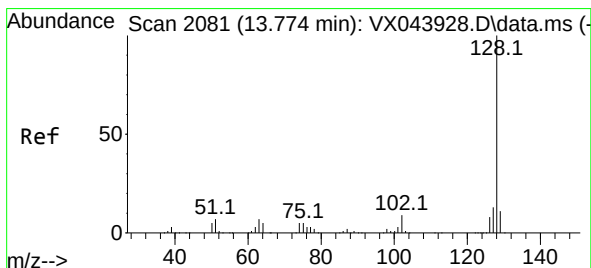
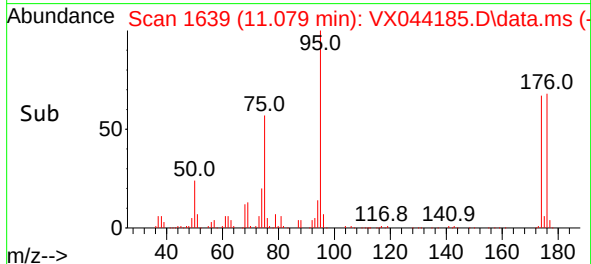
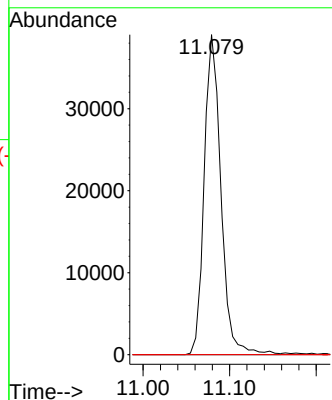
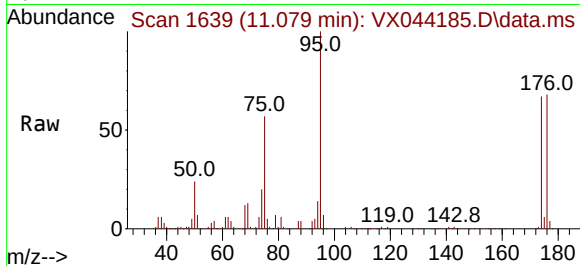




#81
trans-1,4-Dichloro-2-butene
Concen: 83.126 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044185.D
Acq: 09 Dec 2024 14:07

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20241206

Tgt Ion: 75 Resp: 52416
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: 0.204 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX044185.D
Acq: 09 Dec 2024 14:07

Tgt Ion: 128 Resp: 1147
Ion Ratio Lower Upper
128 100
127 9.4 10.2 15.2#
129 12.4 8.6 12.8

