

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101824\
 Data File : VX043439.D
 Acq On : 18 Oct 2024 17:05
 Operator : JC/MD
 Sample : P4438-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 18 23:23:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

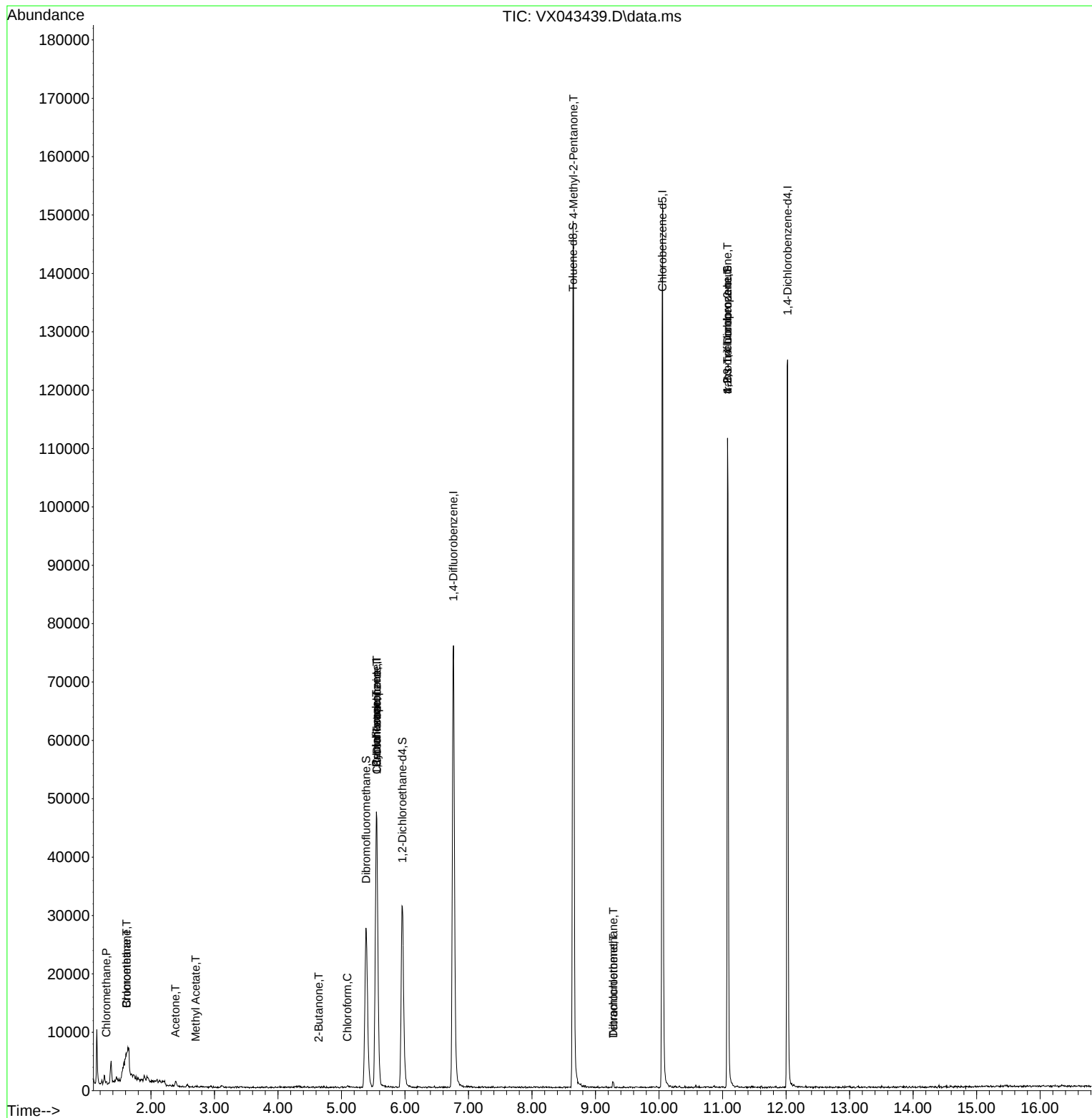
Internal Standards						
1) Pentafluorobenzene	5.550	168	42154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	78457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	66647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	26723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	33744	49.015	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.040%
35) Dibromofluoromethane	5.385	113	24784	45.805	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.620%
50) Toluene-d8	8.647	98	92320	49.236	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.480%
62) 4-Bromofluorobenzene	11.079	95	31521	46.273	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.540%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	166	0.329	ug/l #	42
5) Bromomethane	1.617	94	44	0.213	ug/l #	2
6) Chloroethane	1.617	64	46	0.244	ug/l #	42
16) Acetone	2.386	43	1181	4.108	ug/l	95
18) Methyl Acetate	2.703	43	151	0.209	ug/l #	51
25) 2-Butanone	4.641	43	130	0.330	ug/l #	49
30) Chloroform	5.092	83	369	0.373	ug/l #	60
31) Cyclohexane	5.550	56	989	1.331	ug/l #	12
36) 1,1-Dichloropropene	5.556	75	3726	5.451	ug/l #	49
38) Carbon Tetrachloride	5.556	117	4868	6.016	ug/l #	12
51) 4-Methyl-2-Pentanone	8.653	43	476	0.578	ug/l #	1
60) Dibromochloromethane	9.281	129	210	0.351	ug/l #	11
64) Tetrachloroethene	9.281	164	224	0.484	ug/l #	73
76) 1,2,3-Trichloropropane	11.079	75	17472	29.476	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	17472	76.393	ug/l #	8

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

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Quant Time: Oct 18 23:23:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration



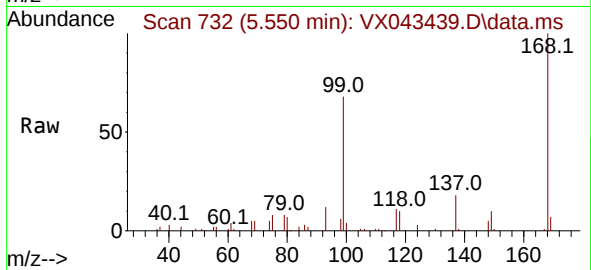


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043439.D
Acq: 18 Oct 2024 17:05

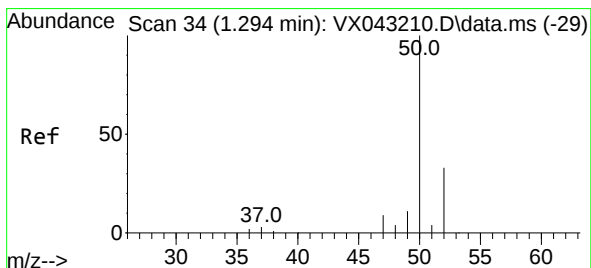
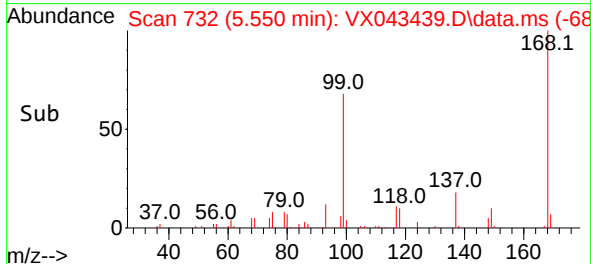
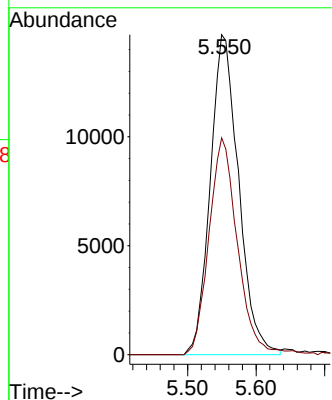
Instrument :

MSVOA_X

ClientSampleId :

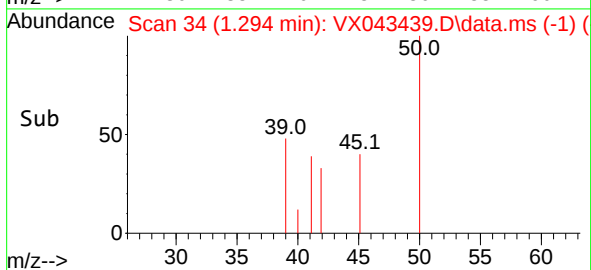
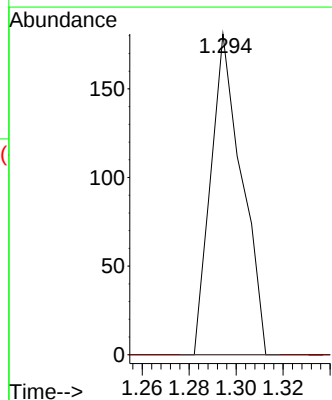
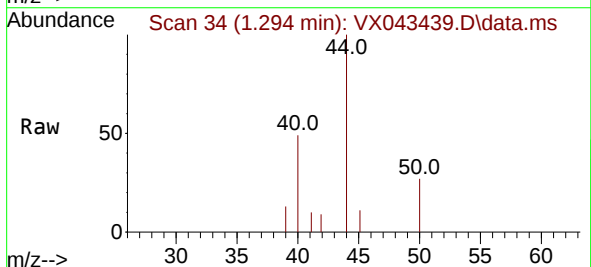


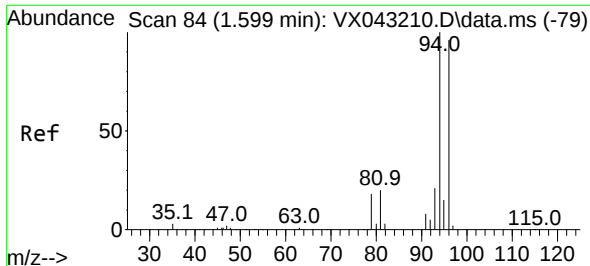
Tgt Ion:168 Resp: 42154
Ion Ratio Lower Upper
168 100
99 67.7 49.7 74.5



#3
Chloromethane
Concen: 0.329 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043439.D
Acq: 18 Oct 2024 17:05

Tgt Ion: 50 Resp: 166
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#

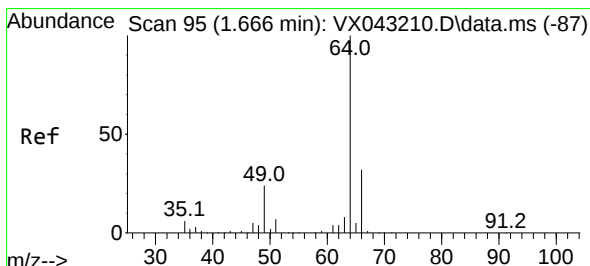
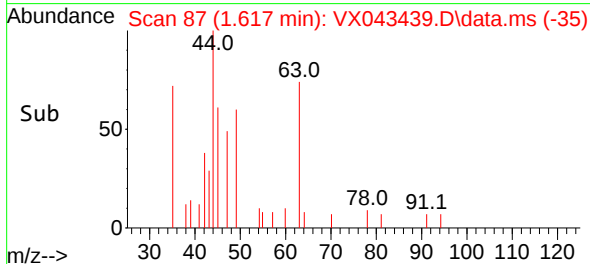
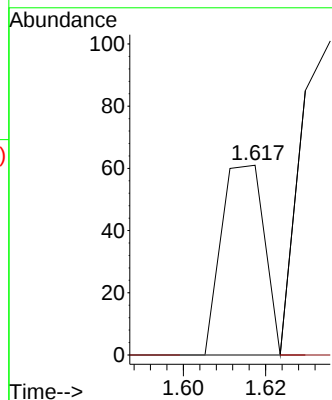
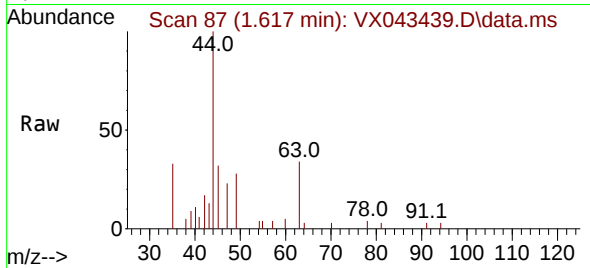




#5
Bromomethane
Concen: 0.213 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX043439.D
Acq: 18 Oct 2024 17:05

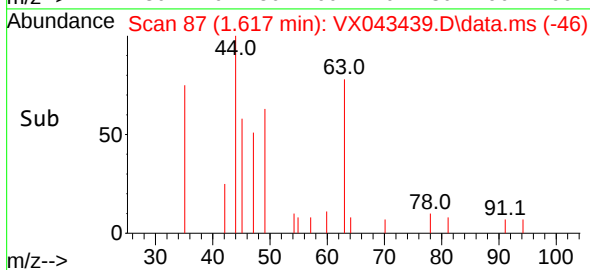
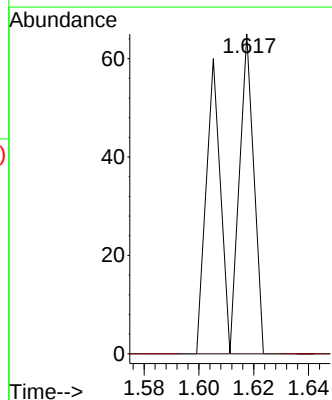
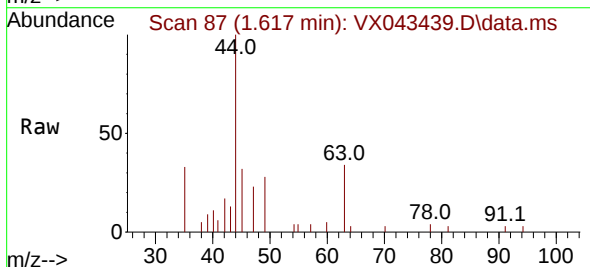
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 44
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#



#6
Chloroethane
Concen: 0.244 ug/l
RT: 1.617 min Scan# 87
Delta R.T. -0.049 min
Lab File: VX043439.D
Acq: 18 Oct 2024 17:05

Tgt Ion: 64 Resp: 46
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#

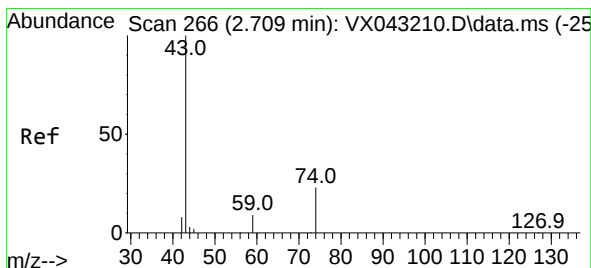
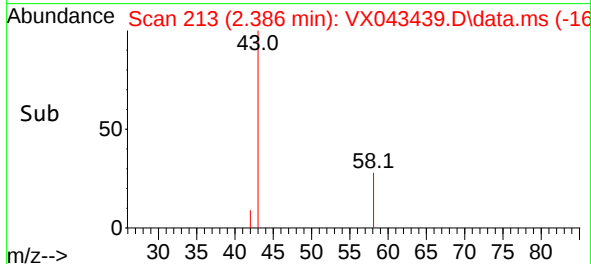
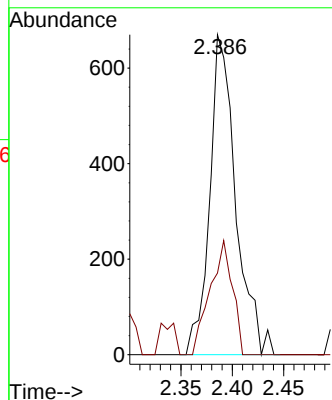
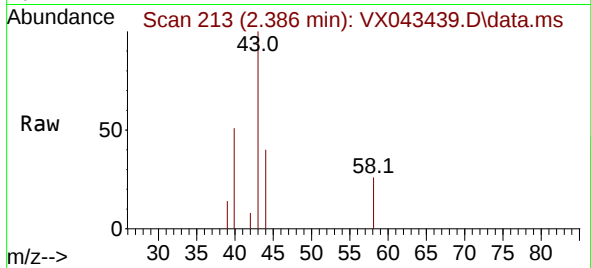




#16
Acetone
Concen: 4.108 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043439.D
Acq: 18 Oct 2024 17:05

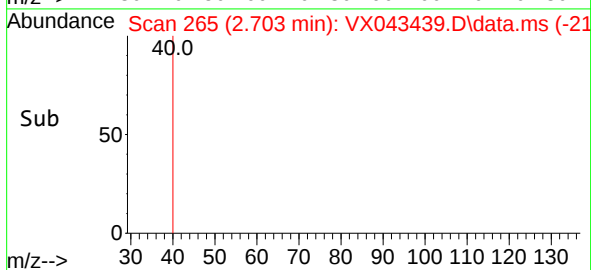
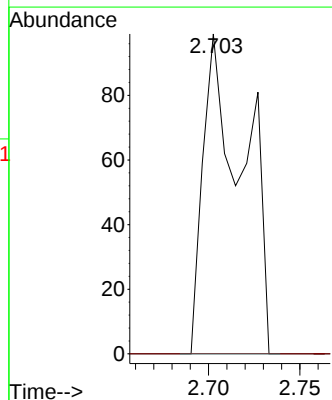
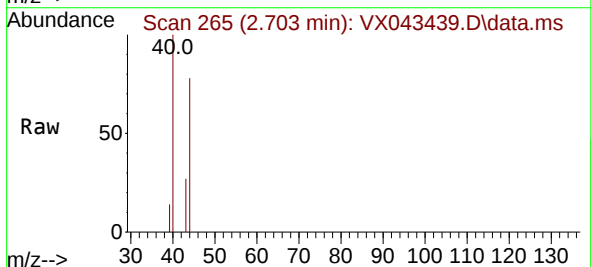
Instrument :
MSVOA_X
ClientSampleId :

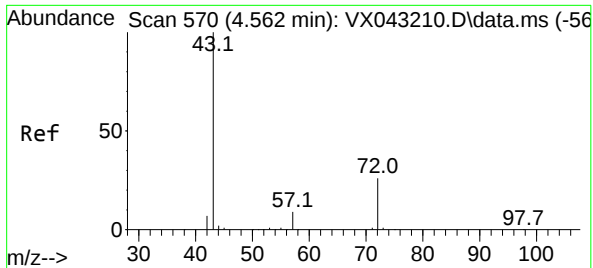
Tgt Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
58 25.5 22.6 33.8



#18
Methyl Acetate
Concen: 0.209 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX043439.D
Acq: 18 Oct 2024 17:05

Tgt Ion: 43 Resp: 151
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#





#25

2-Butanone

Concen: 0.330 ug/l

RT: 4.641 min Scan# 51

Delta R.T. 0.079 min

Lab File: VX043439.D

Acq: 18 Oct 2024 17:05

Instrument :

MSVOA_X

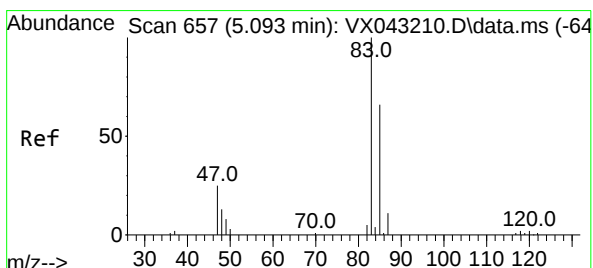
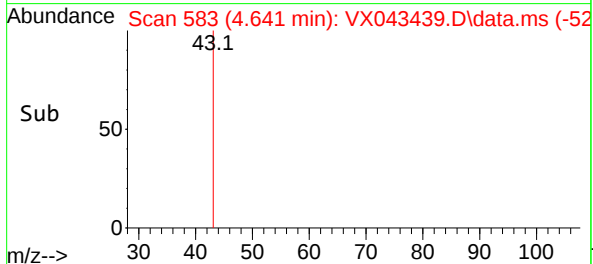
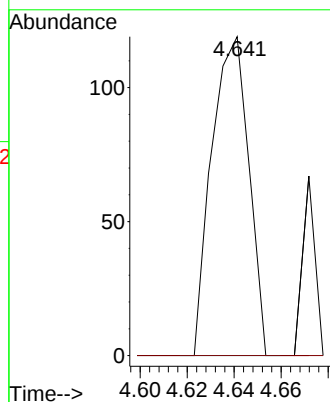
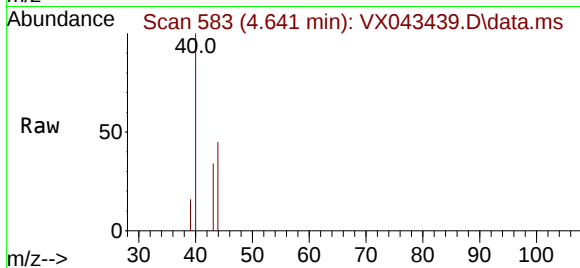
ClientSampleId :

Tgt Ion: 43 Resp: 130

Ion Ratio Lower Upper

43 100

72 0.0 20.6 31.0#



#30

Chloroform

Concen: 0.373 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX043439.D

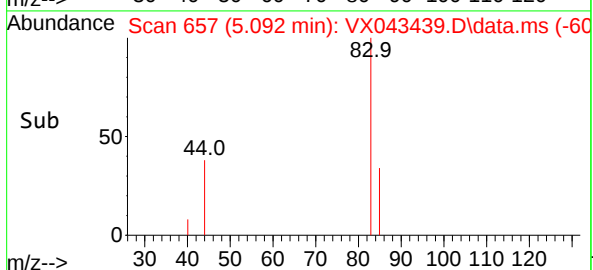
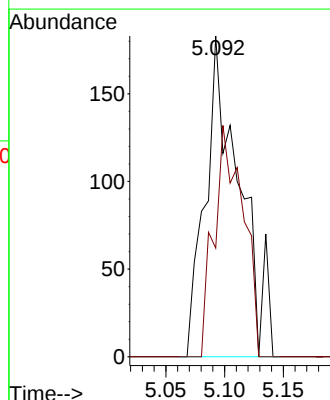
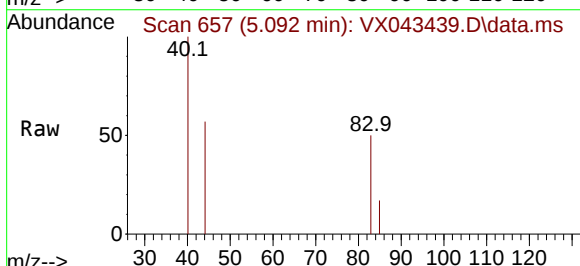
Acq: 18 Oct 2024 17:05

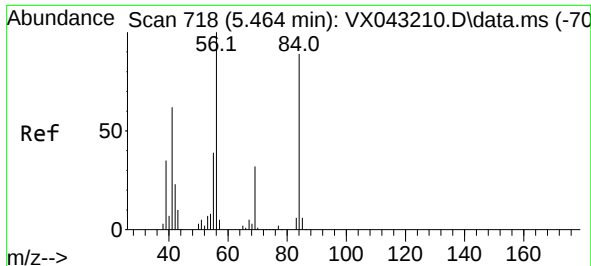
Tgt Ion: 83 Resp: 369

Ion Ratio Lower Upper

83 100

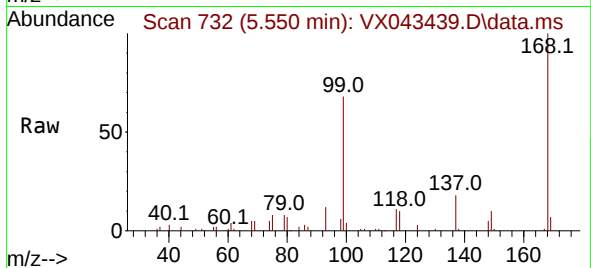
85 33.9 52.5 78.7#



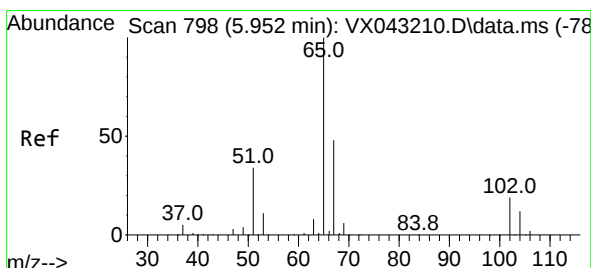
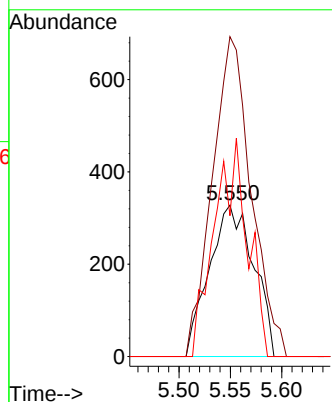
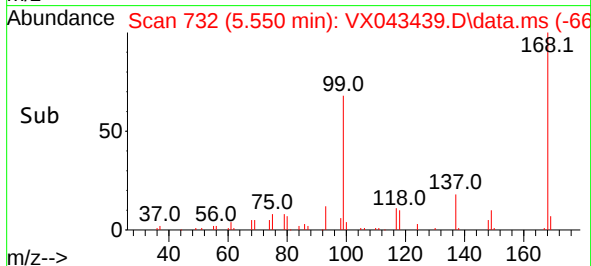


#31
Cyclohexane
Concen: 1.331 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX043439.D
Acq: 18 Oct 2024 17:05

Instrument :
MSVOA_X
ClientSampleId :

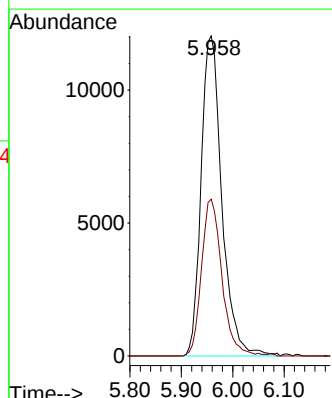
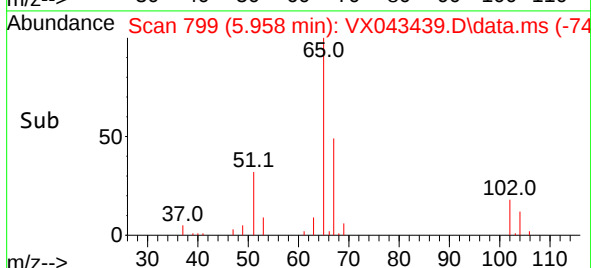
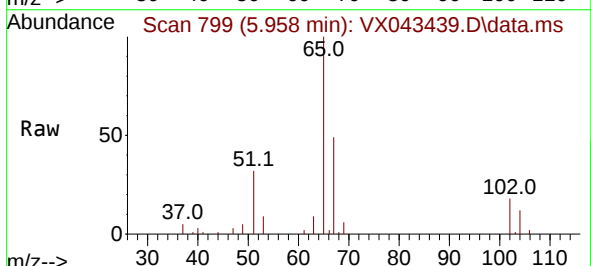


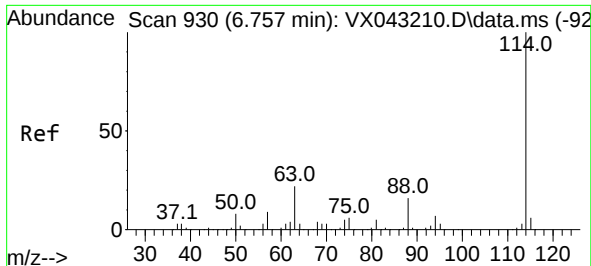
Tgt Ion: 56 Resp: 989
Ion Ratio Lower Upper
56 100
69 211.3 25.8 38.6#
84 93.0 71.1 106.7



#33
1,2-Dichloroethane-d4
Concen: 49.015 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX043439.D
Acq: 18 Oct 2024 17:05

Tgt Ion: 65 Resp: 33744
Ion Ratio Lower Upper
65 100
67 48.3 0.0 99.0

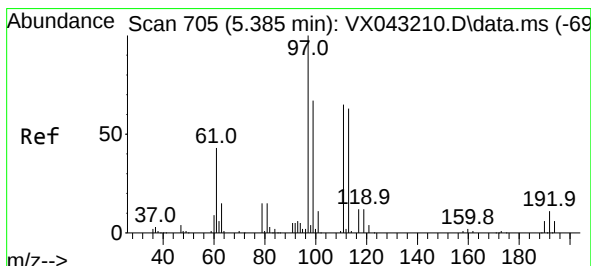
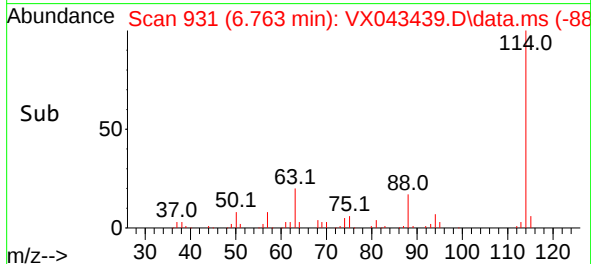
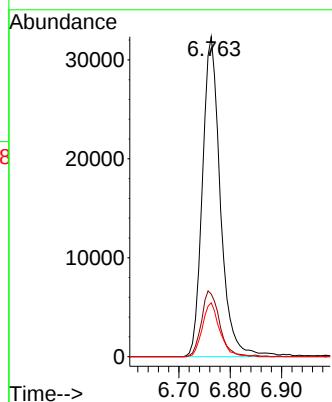
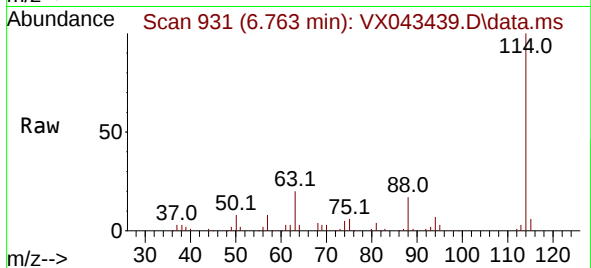




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043439.D
Acq: 18 Oct 2024 17:05

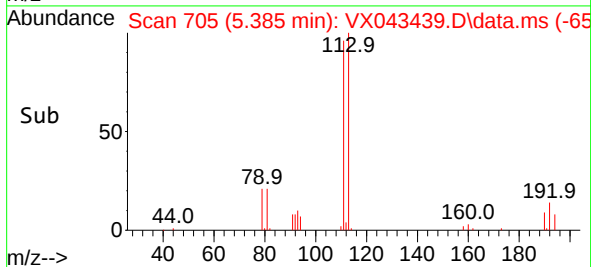
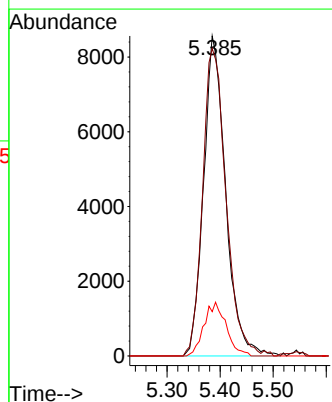
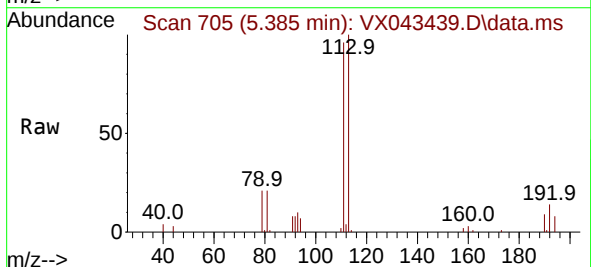
Instrument :
MSVOA_X
ClientSampleId :

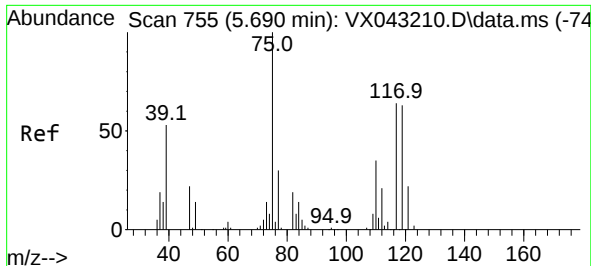
Tgt Ion:114 Resp: 78457
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.0
88 16.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 45.805 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043439.D
Acq: 18 Oct 2024 17:05

Tgt Ion:113 Resp: 24784
Ion Ratio Lower Upper
113 100
111 101.1 83.4 125.0
192 16.8 14.1 21.1

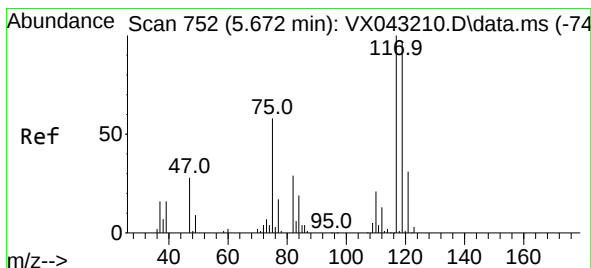
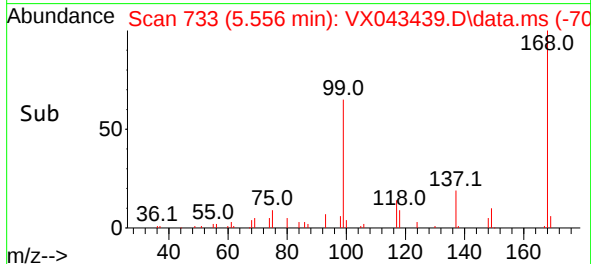
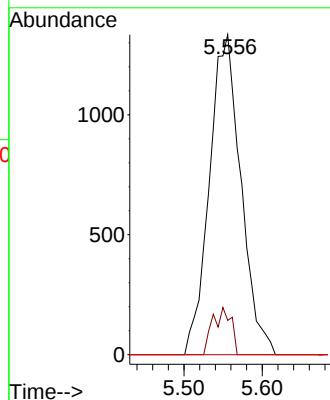
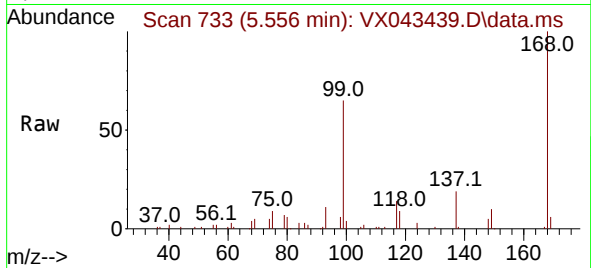




#36
1,1-Dichloropropene
Concen: 5.451 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX043439.D
Acq: 18 Oct 2024 17:05

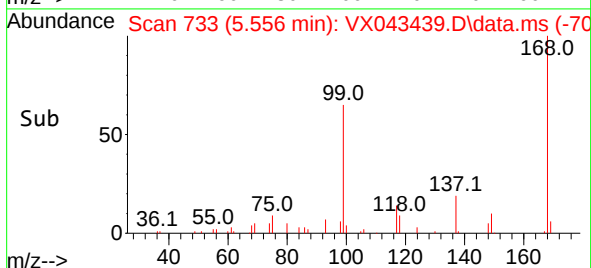
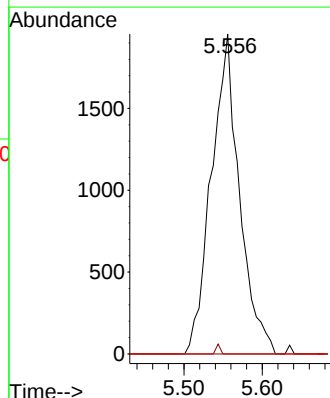
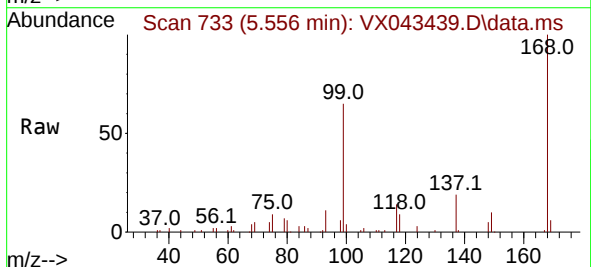
Instrument :
MSVOA_X
ClientSampleId :

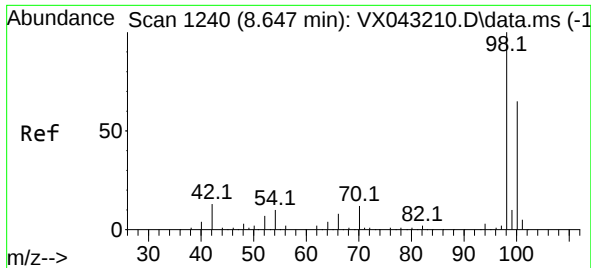
Tgt Ion: 75 Resp: 3726
Ion Ratio Lower Upper
75 100
110 8.6 17.8 53.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.016 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX043439.D
Acq: 18 Oct 2024 17:05

Tgt Ion: 117 Resp: 4868
Ion Ratio Lower Upper
117 100
119 0.0 77.7 116.5#
121 0.0 24.3 36.5#

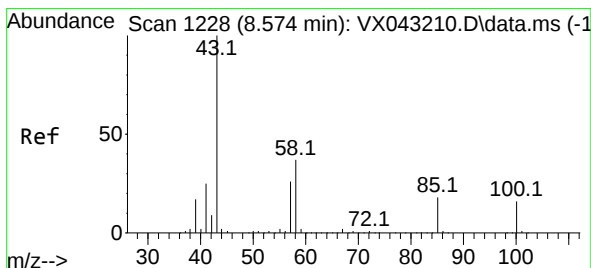
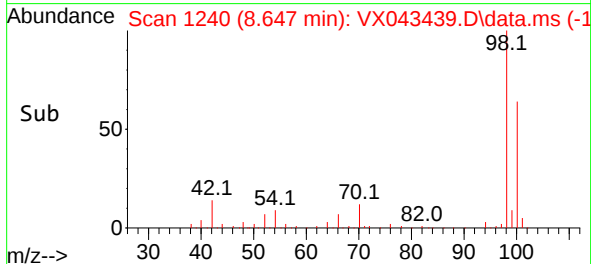
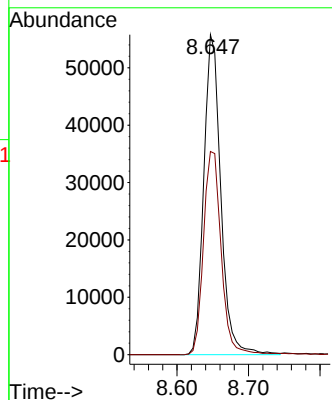
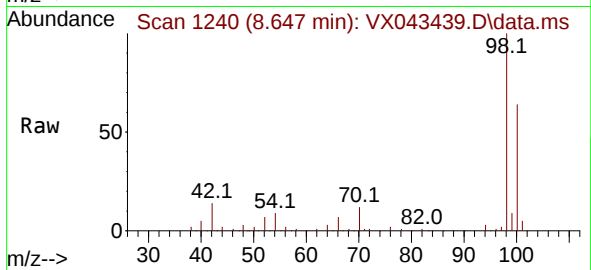




#50
Toluene-d8
Concen: 49.236 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043439.D
Acq: 18 Oct 2024 17:05

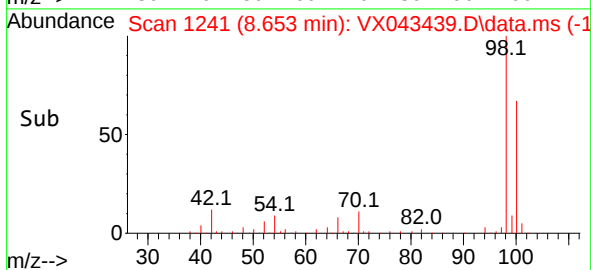
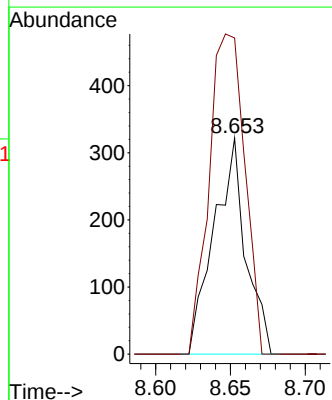
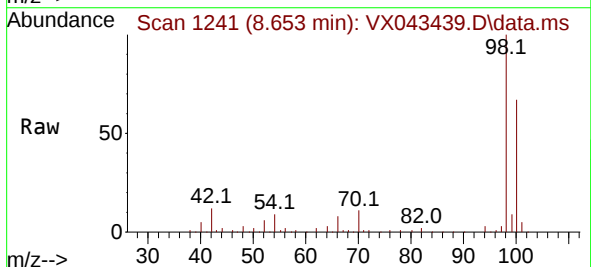
Instrument :
MSVOA_X
ClientSampleId :

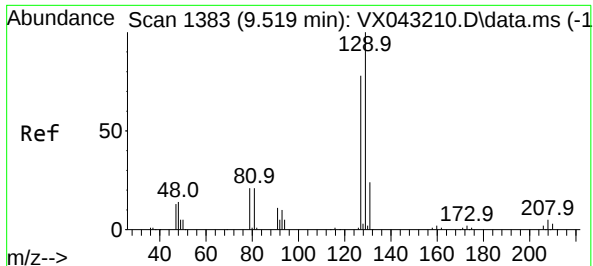
Tgt Ion: 98 Resp: 92320
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 0.578 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX043439.D
Acq: 18 Oct 2024 17:05

Tgt Ion: 43 Resp: 476
Ion Ratio Lower Upper
43 100
58 166.6 30.0 45.0#

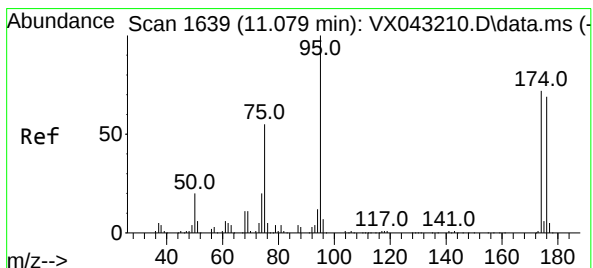
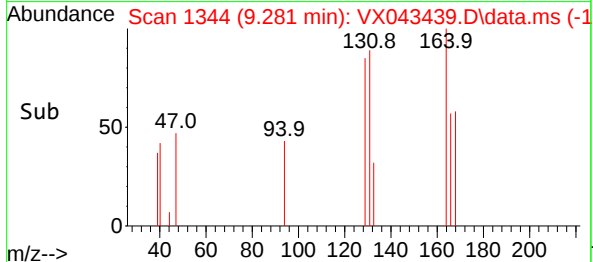
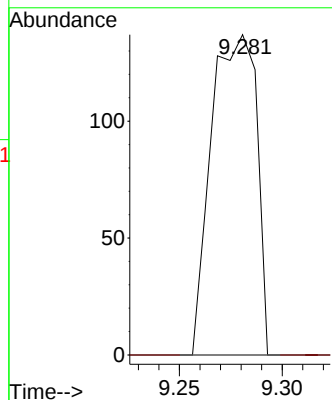
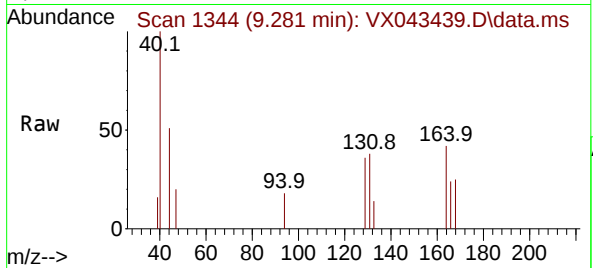




#60
Dibromochloromethane
Concen: 0.351 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.238 min
Lab File: VX043439.D
Acq: 18 Oct 2024 17:05

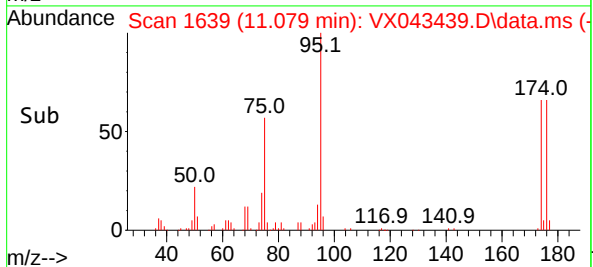
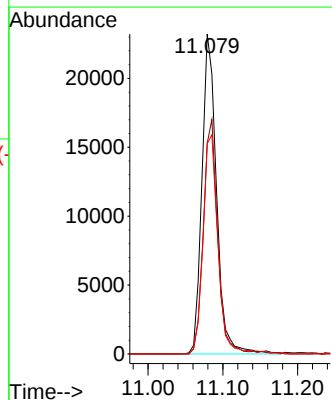
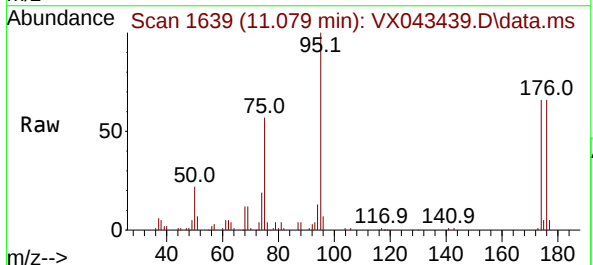
Instrument :
MSVOA_X
ClientSampleId :

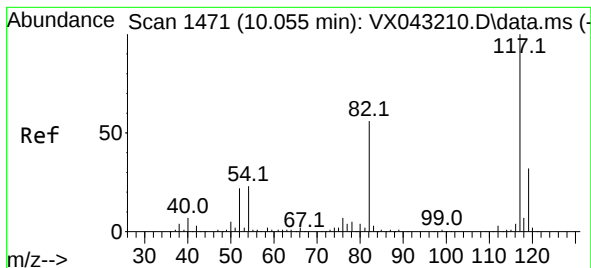
Tgt Ion:129 Resp: 210
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.9#



#62
4-Bromofluorobenzene
Concen: 46.273 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043439.D
Acq: 18 Oct 2024 17:05

Tgt Ion: 95 Resp: 31521
Ion Ratio Lower Upper
95 100
174 71.3 0.0 145.0
176 69.4 0.0 143.0

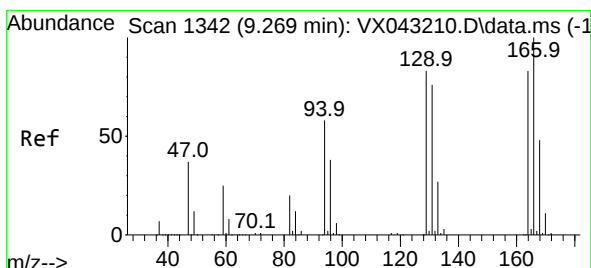
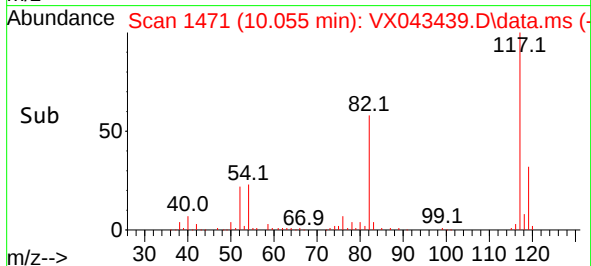
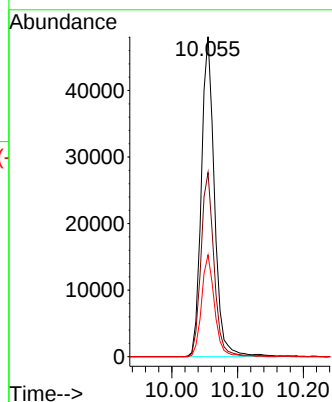
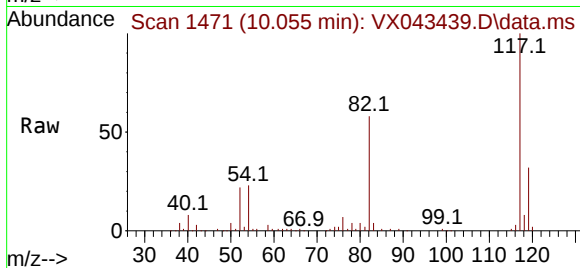




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043439.D
Acq: 18 Oct 2024 17:05

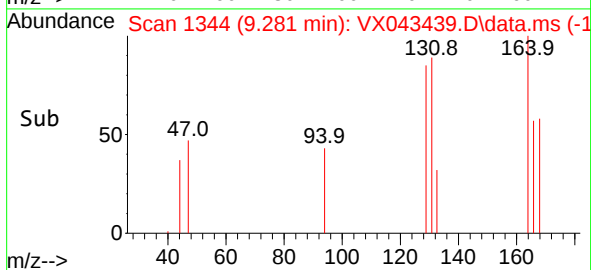
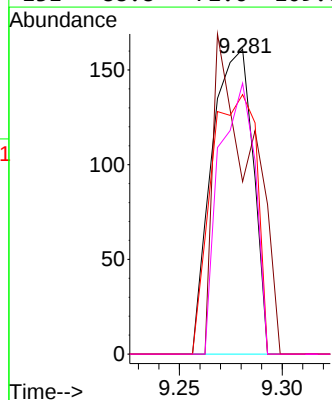
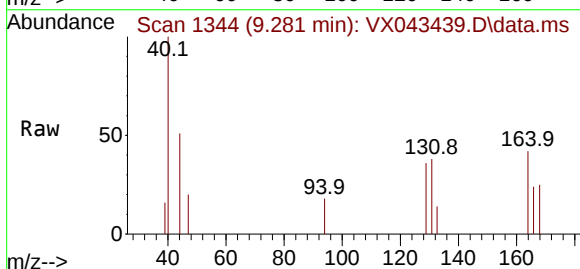
Instrument :
MSVOA_X
ClientSampleId :

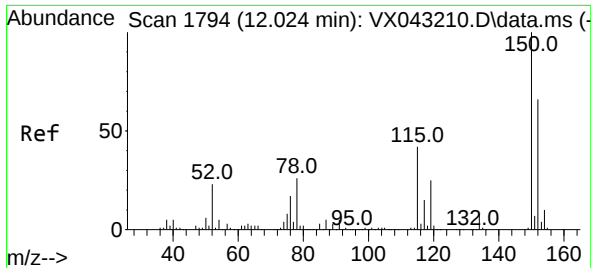
Tgt Ion:117	Resp: 66647
Ion Ratio	Lower Upper
117	100
82	57.5 45.0 67.6
119	31.8 25.3 37.9



#64
Tetrachloroethene
Concen: 0.484 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.012 min
Lab File: VX043439.D
Acq: 18 Oct 2024 17:05

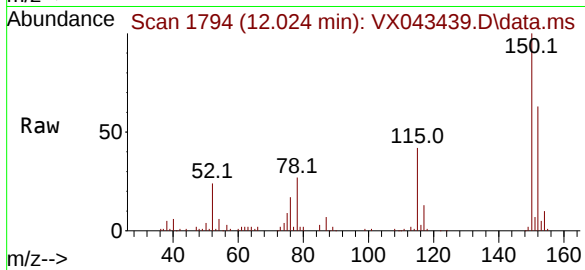
Tgt Ion:164	Resp: 224
Ion Ratio	Lower Upper
164	100
166	56.5 96.0 144.0#
129	85.1 79.4 119.0
131	88.8 72.6 109.0



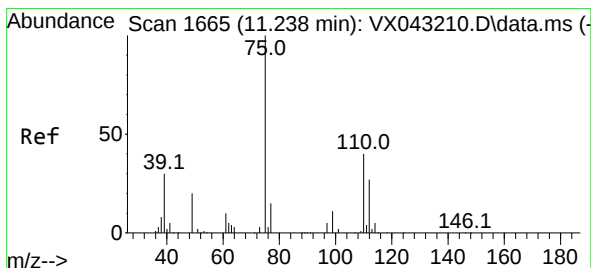
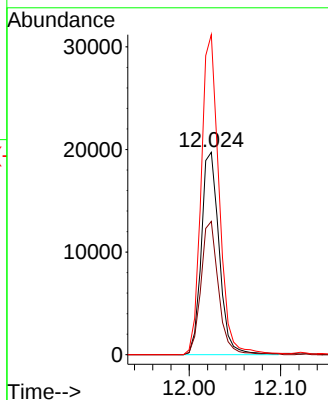
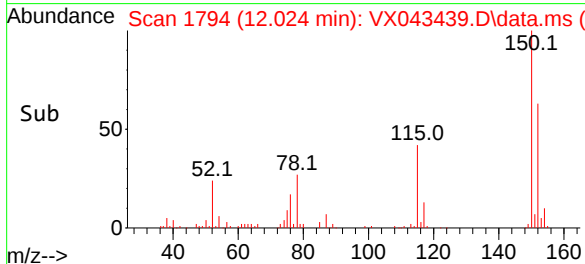


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043439.D
 Acq: 18 Oct 2024 17:05

Instrument :
 MSVOA_X
 ClientSampleId :

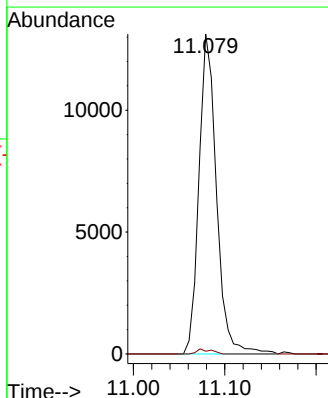
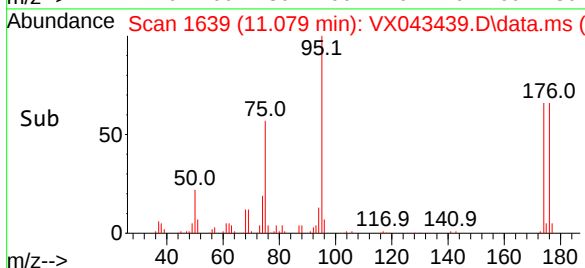
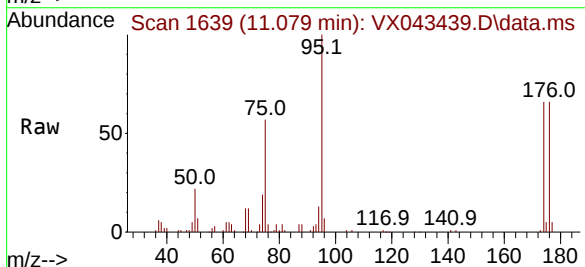


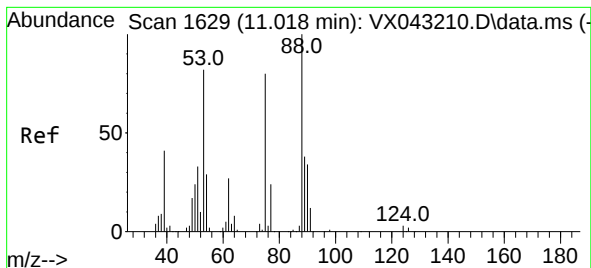
Tgt Ion:152 Resp: 26723
 Ion Ratio Lower Upper
 152 100
 115 64.8 44.1 132.3
 150 158.1 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 29.476 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043439.D
 Acq: 18 Oct 2024 17:05

Tgt Ion: 75 Resp: 17472
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.0 66.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.393 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043439.D
 Acq: 18 Oct 2024 17:05

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 17472
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.0 38.6 58.0#

