

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101824\
 Data File : VX043433.D
 Acq On : 18 Oct 2024 14:46
 Operator : JC/MD
 Sample : P4438-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 18 23:20:37 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	72096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	130812	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49573	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60217	51.142	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.280%
35) Dibromofluoromethane	5.379	113	42620	47.244	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.480%
50) Toluene-d8	8.647	98	157445	50.361	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.720%
62) 4-Bromofluorobenzene	11.079	95	57572	50.690	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.380%

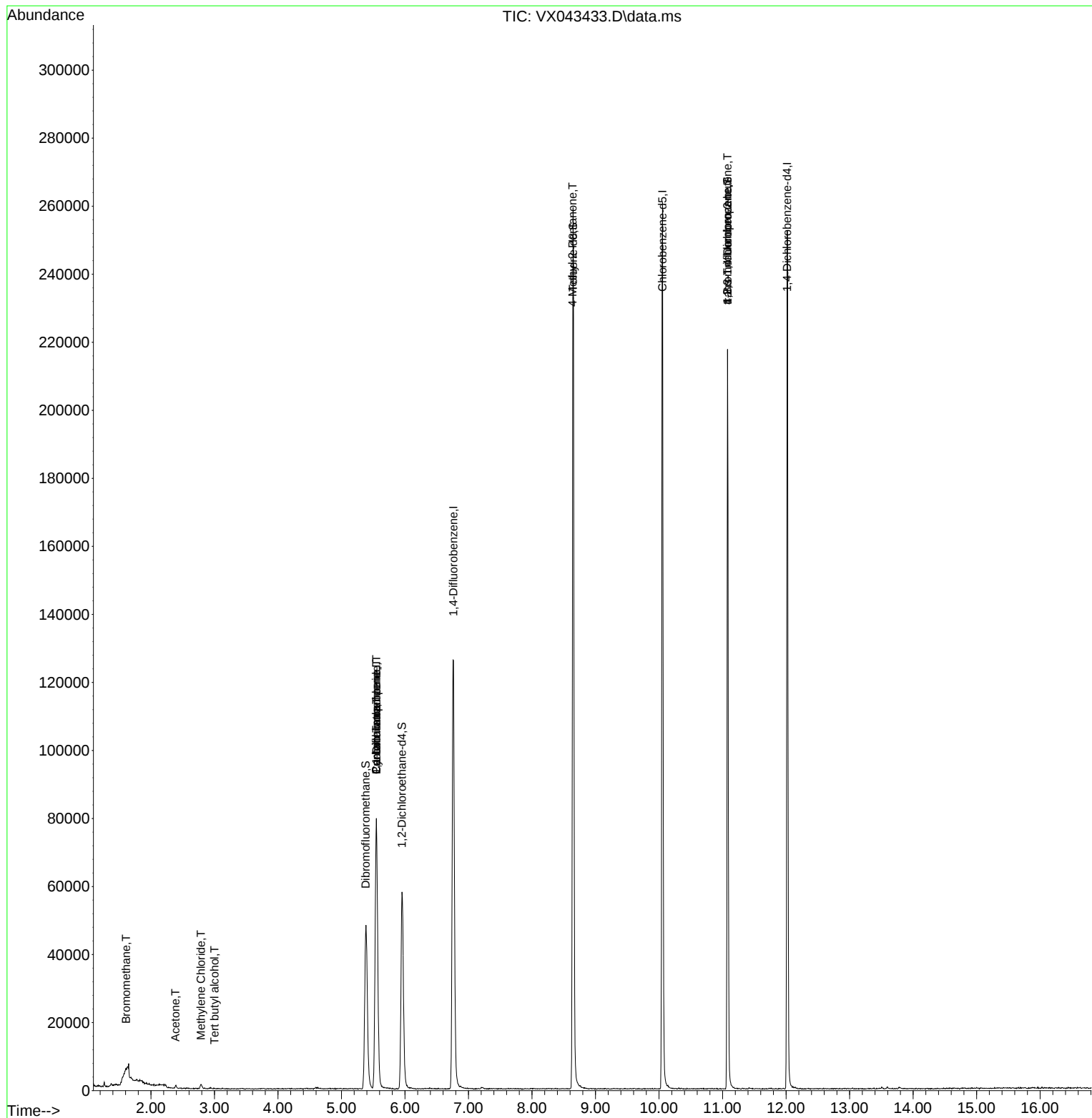
Target Compounds					Qvalue	
5) Bromomethane	1.605	94	90	0.255	ug/l	91
11) Tert butyl alcohol	3.001	59	131	0.585	ug/l #	71
16) Acetone	2.386	43	913	1.857	ug/l	94
20) Methylene Chloride	2.788	84	608	0.671	ug/l	85
31) Cyclohexane	5.550	56	1700	1.338	ug/l #	44
36) 1,1-Dichloropropene	5.550	75	6265	5.497	ug/l #	49
38) Carbon Tetrachloride	5.550	117	8093	5.998	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	772	0.562	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31477	28.626	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	31477	74.189	ug/l #	8

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

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MSVOA_X
ClientSampleId :

Quant Time: Oct 18 23:20:37 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



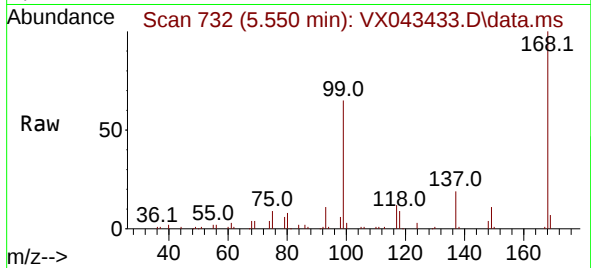


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043433.D
Acq: 18 Oct 2024 14:46

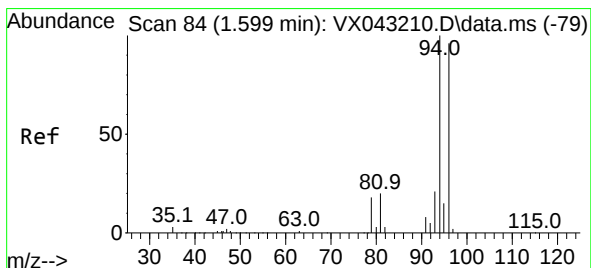
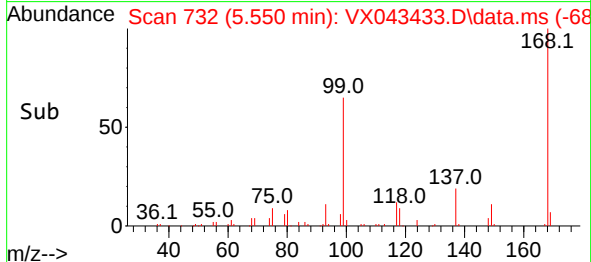
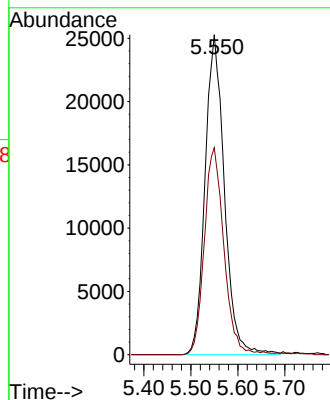
Instrument :

MSVOA_X

ClientSampleId :

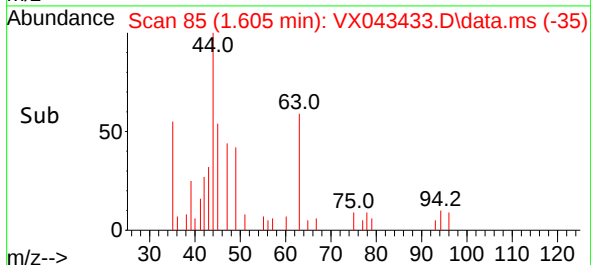
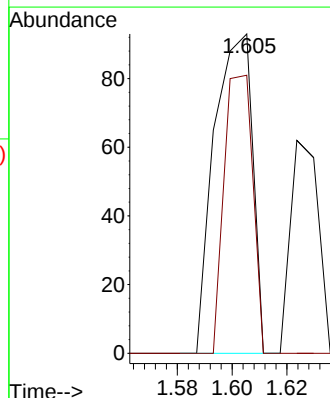
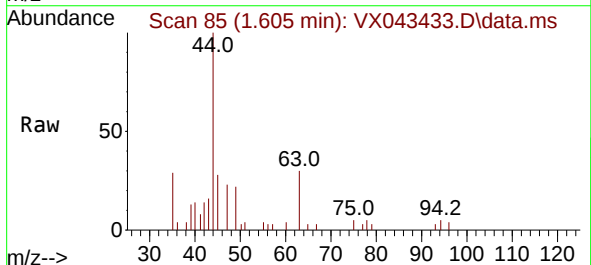


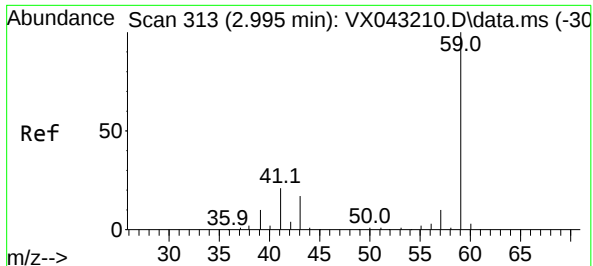
Tgt Ion:168 Resp: 72096
Ion Ratio Lower Upper
168 100
99 64.7 49.7 74.5



#5
Bromomethane
Concen: 0.255 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX043433.D
Acq: 18 Oct 2024 14:46

Tgt Ion: 94 Resp: 90
Ion Ratio Lower Upper
94 100
96 87.1 76.6 115.0

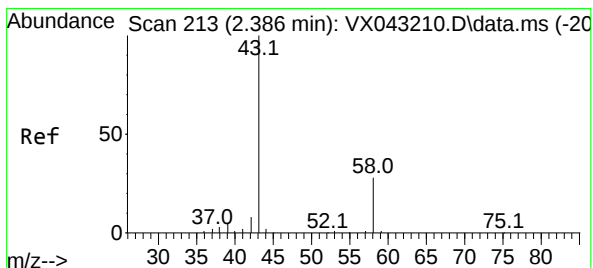
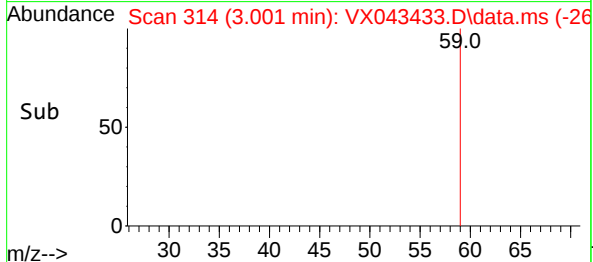
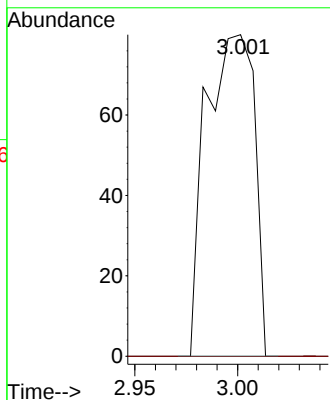
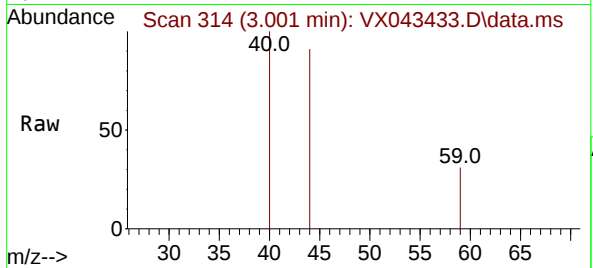




#11
Tert butyl alcohol
Concen: 0.585 ug/l
RT: 3.001 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043433.D
Acq: 18 Oct 2024 14:46

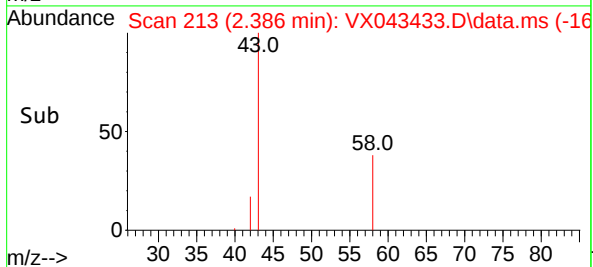
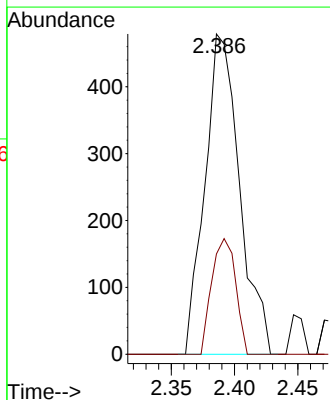
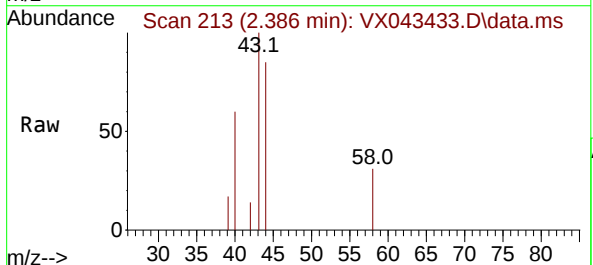
Instrument :
MSVOA_X
ClientSampleId :

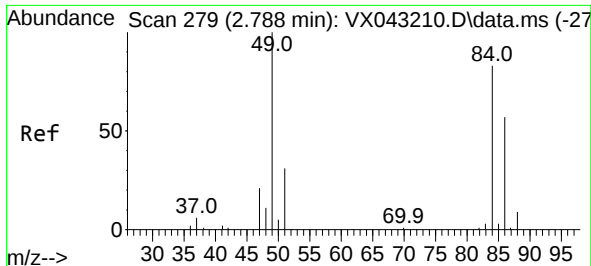
Tgt Ion: 59 Resp: 131
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#16
Acetone
Concen: 1.857 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043433.D
Acq: 18 Oct 2024 14:46

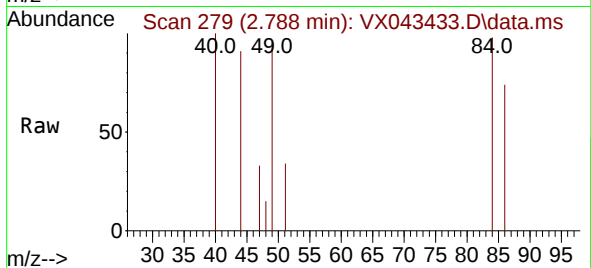
Tgt Ion: 43 Resp: 913
Ion Ratio Lower Upper
43 100
58 31.3 22.6 33.8



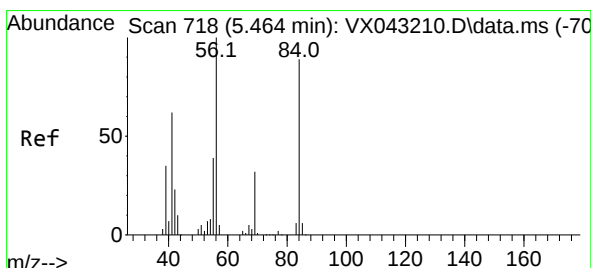
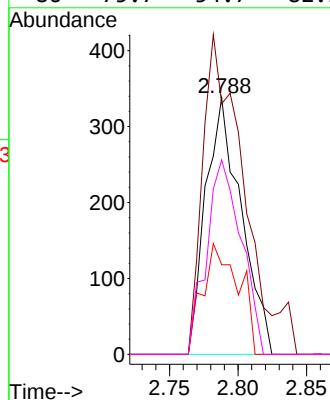
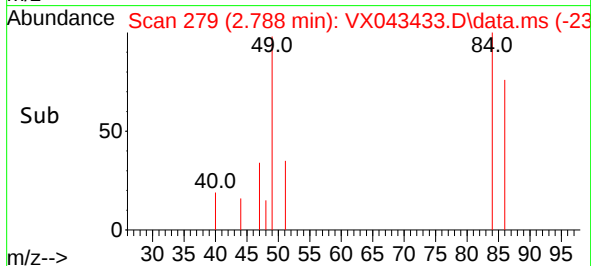


#20
Methylene Chloride
Concen: 0.671 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043433.D
Acq: 18 Oct 2024 14:46

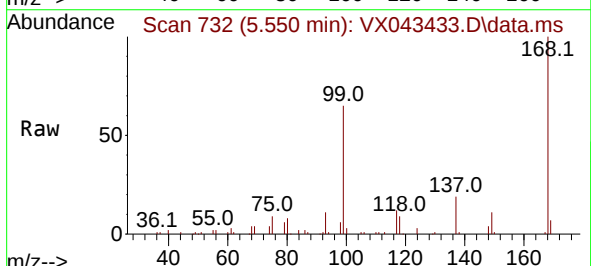
Instrument :
MSVOA_X
ClientSampleId :



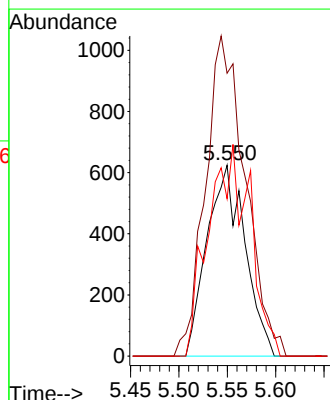
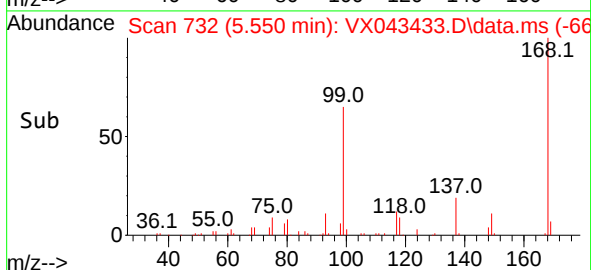
Tgt Ion:	84	Resp:	608
Ion	Ratio	Lower	Upper
84	100		
49	97.6	96.7	145.1
51	34.9	30.4	45.6
86	75.7	54.7	82.1

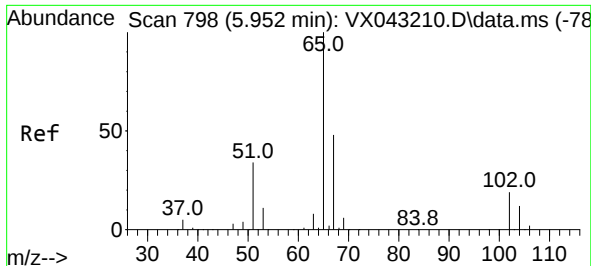


#31
Cyclohexane
Concen: 1.338 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX043433.D
Acq: 18 Oct 2024 14:46



Tgt Ion:	56	Resp:	1700
Ion	Ratio	Lower	Upper
56	100		
69	139.9	25.8	38.6#
84	82.5	71.1	106.7





#33

1,2-Dichloroethane-d4

Concen: 51.142 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043433.D

Acq: 18 Oct 2024 14:46

Instrument :

MSVOA_X

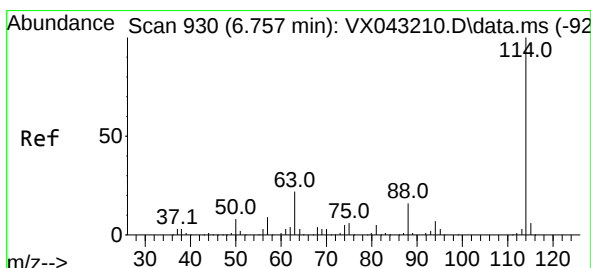
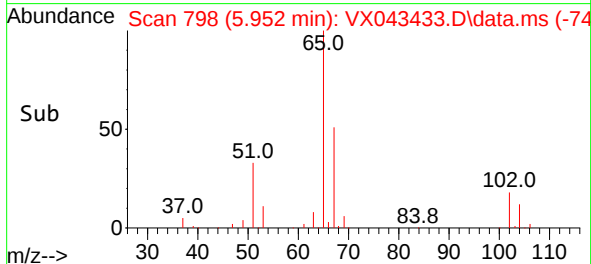
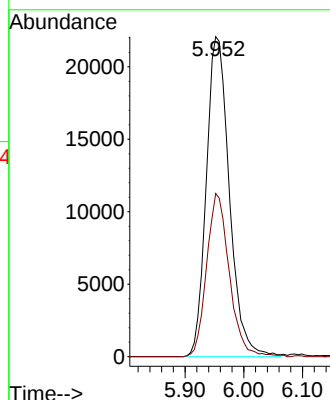
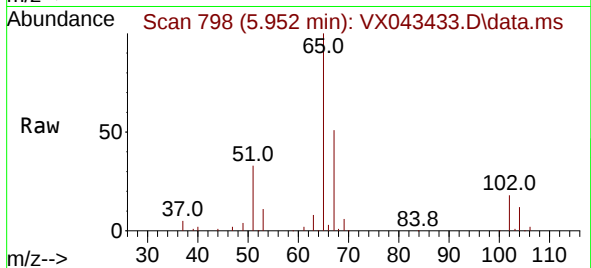
ClientSampleId :

Tgt Ion: 65 Resp: 60217

Ion Ratio Lower Upper

65 100

67 50.2 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX043433.D

Acq: 18 Oct 2024 14:46

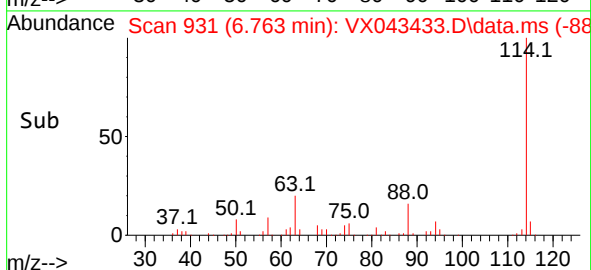
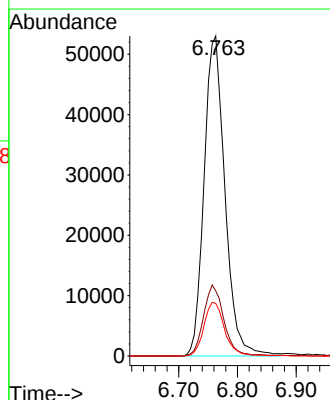
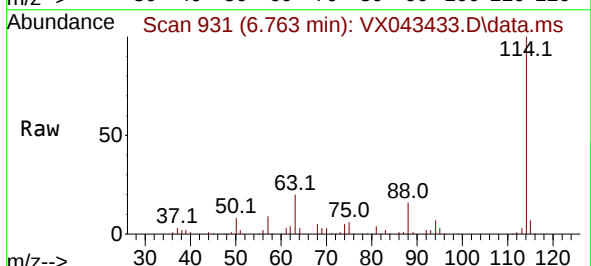
Tgt Ion: 114 Resp: 130812

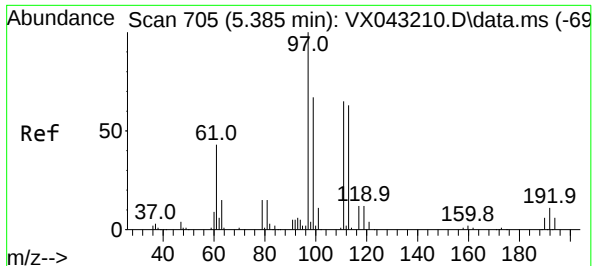
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.0

88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.244 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

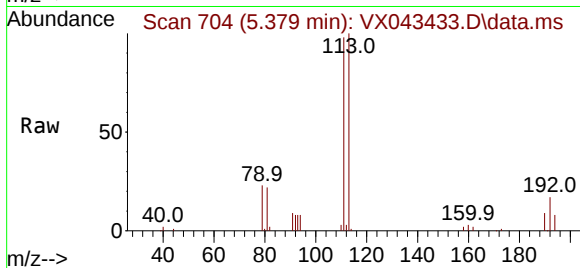
Lab File: VX043433.D

Acq: 18 Oct 2024 14:46

Instrument :

MSVOA_X

ClientSampleId :



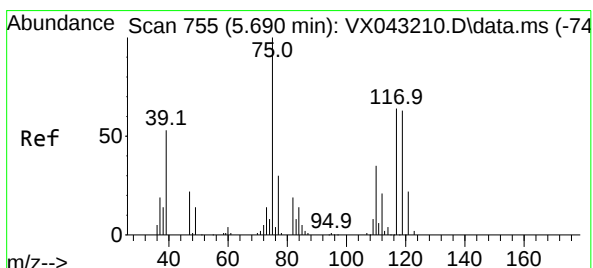
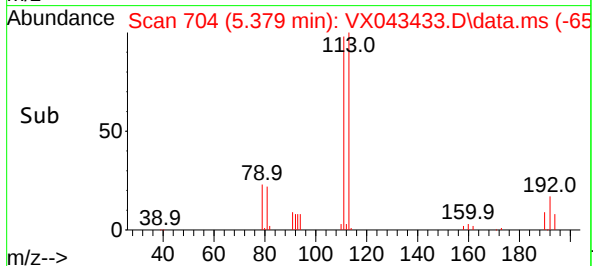
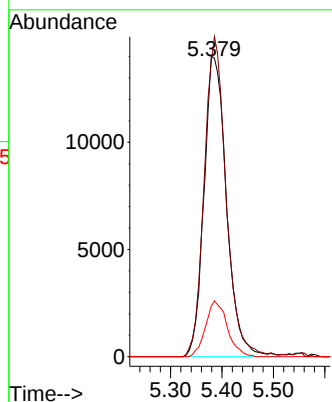
Tgt Ion:113 Resp: 42620

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.0

192 17.8 14.1 21.1



#36

1,1-Dichloropropene

Concen: 5.497 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX043433.D

Acq: 18 Oct 2024 14:46

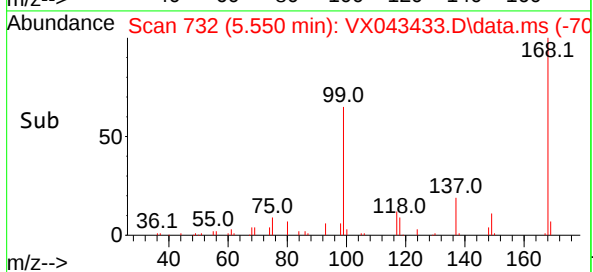
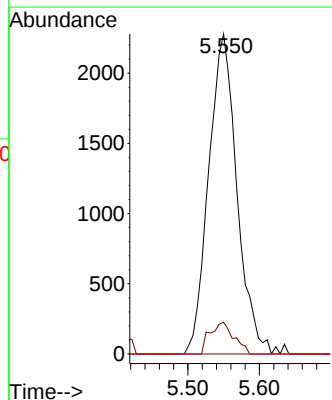
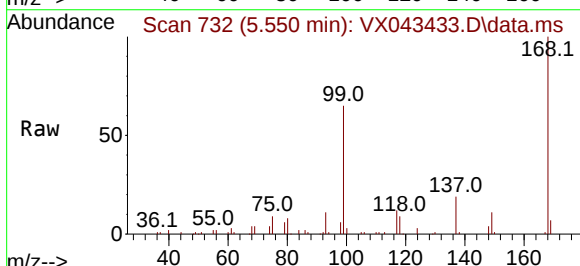
Tgt Ion: 75 Resp: 6265

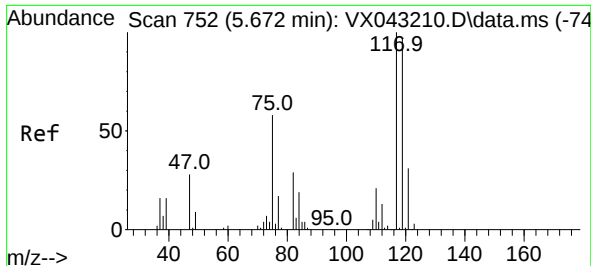
Ion Ratio Lower Upper

75 100

110 8.4 17.8 53.3#

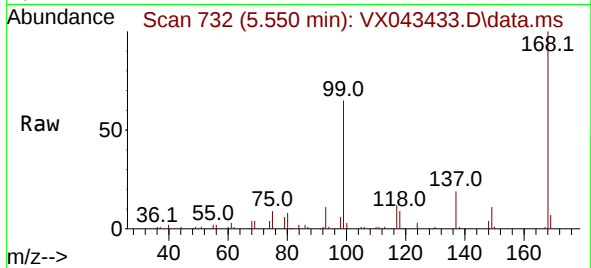
77 0.0 24.9 37.3#



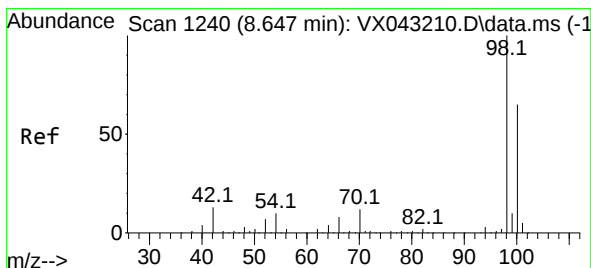
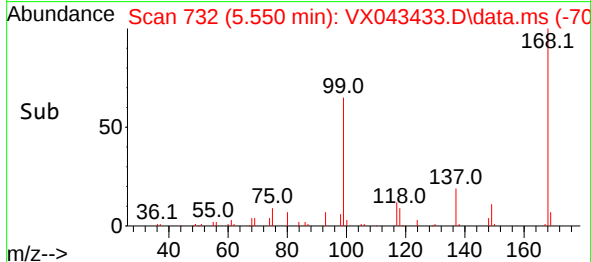
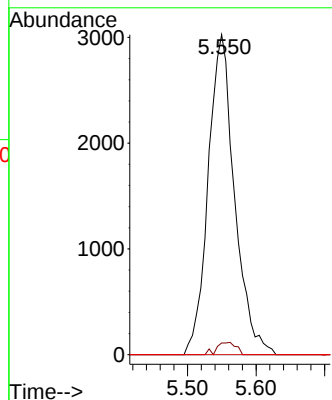


#38
Carbon Tetrachloride
Concen: 5.998 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043433.D
Acq: 18 Oct 2024 14:46

Instrument :
MSVOA_X
ClientSampleId :

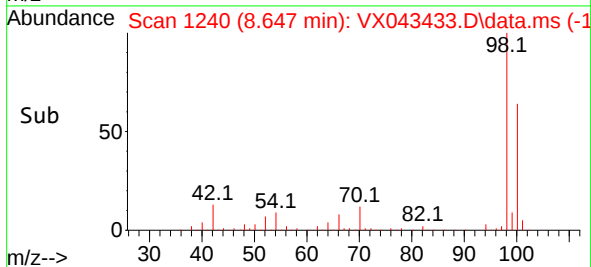
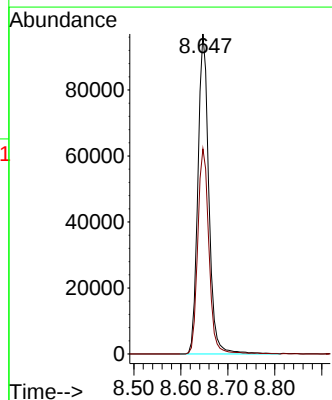
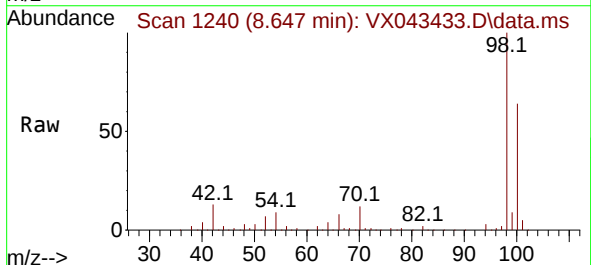


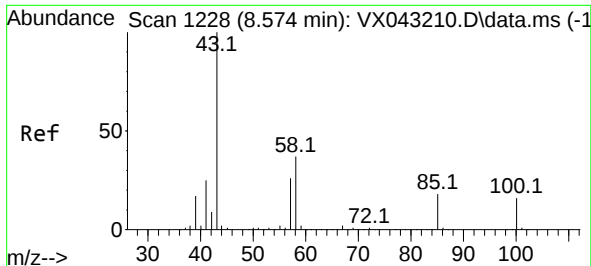
Tgt Ion:117 Resp: 8093
Ion Ratio Lower Upper
117 100
119 3.7 77.7 116.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 50.361 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043433.D
Acq: 18 Oct 2024 14:46

Tgt Ion: 98 Resp: 157445
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6

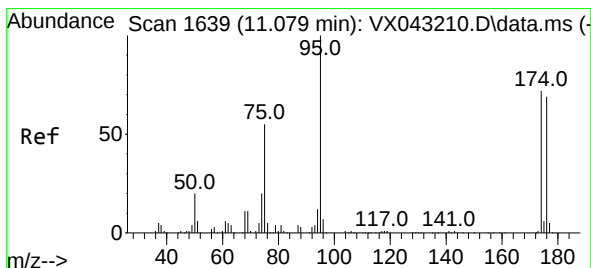
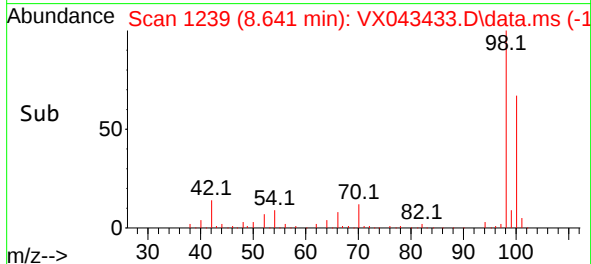
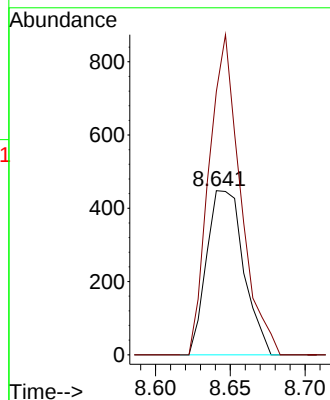
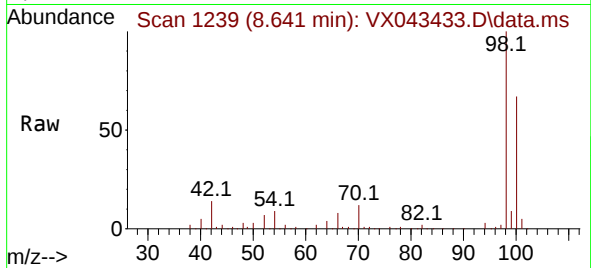




#51
4-Methyl-2-Pentanone
Concen: 0.562 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX043433.D
Acq: 18 Oct 2024 14:46

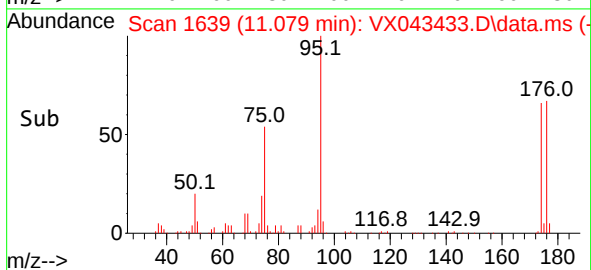
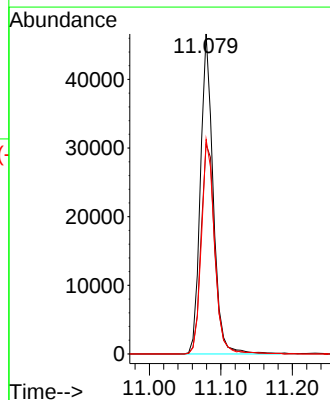
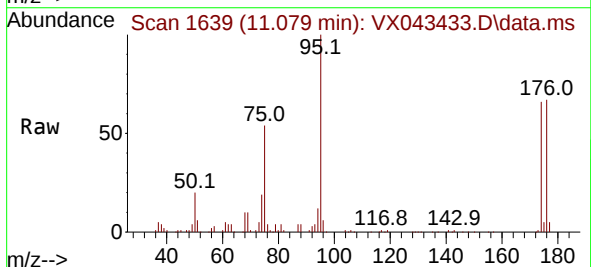
Instrument :
MSVOA_X
ClientSampleId :

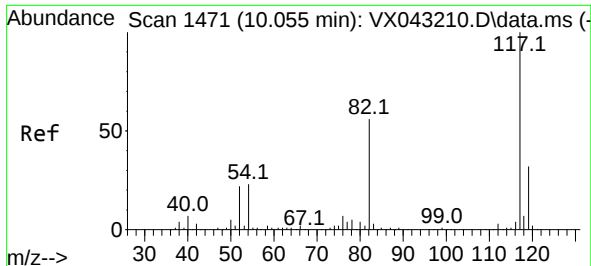
Tgt Ion: 43 Resp: 772
Ion Ratio Lower Upper
43 100
58 165.5 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 50.690 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043433.D
Acq: 18 Oct 2024 14:46

Tgt Ion: 95 Resp: 57572
Ion Ratio Lower Upper
95 100
174 70.8 0.0 145.0
176 69.5 0.0 143.0

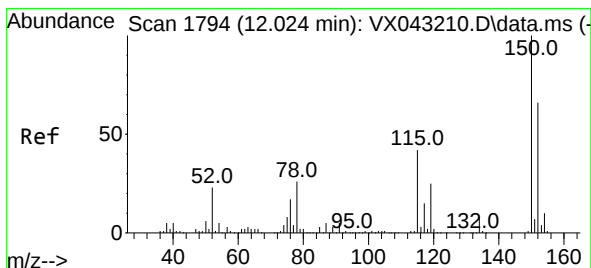
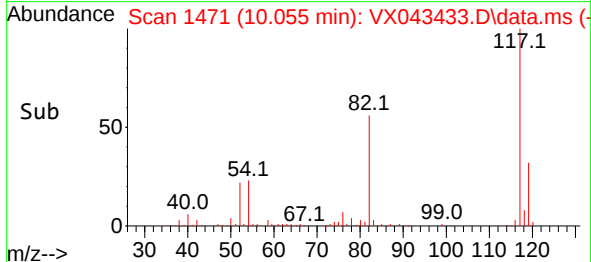
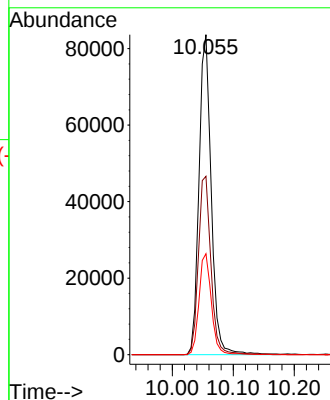
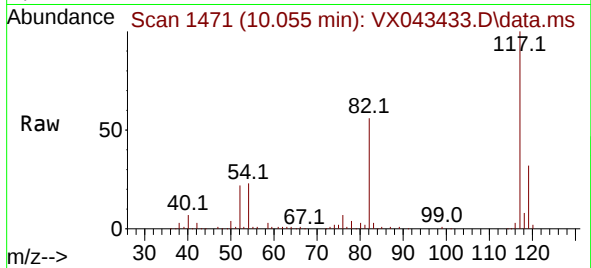




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043433.D
Acq: 18 Oct 2024 14:46

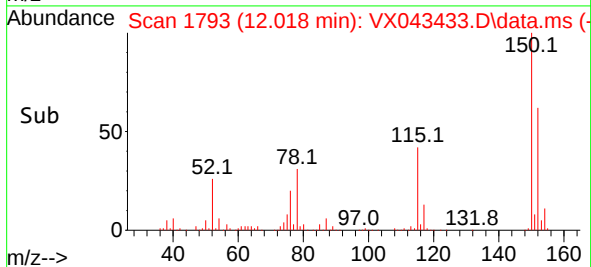
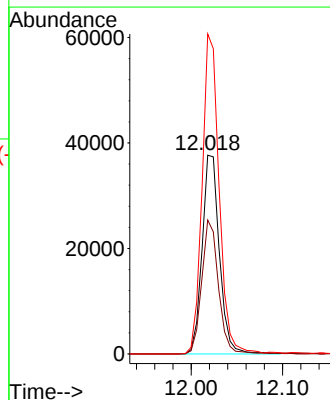
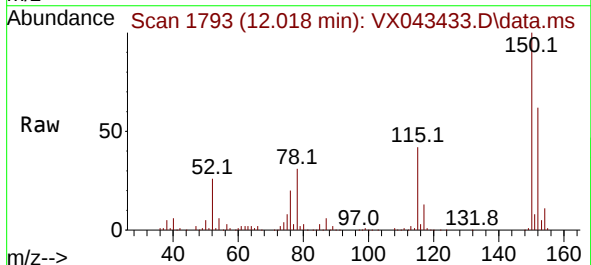
Instrument :
MSVOA_X
ClientSampleId :

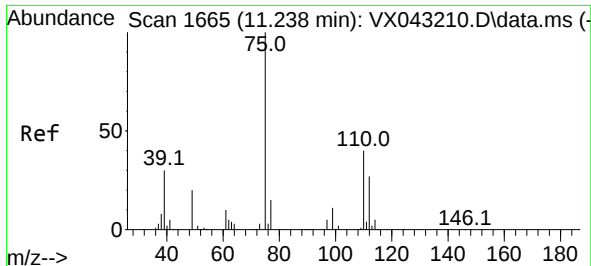
Tgt Ion:117 Resp: 116662
Ion Ratio Lower Upper
117 100
82 55.7 45.0 67.6
119 31.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX043433.D
Acq: 18 Oct 2024 14:46

Tgt Ion:152 Resp: 49573
Ion Ratio Lower Upper
152 100
115 65.2 44.1 132.3
150 157.6 0.0 347.4

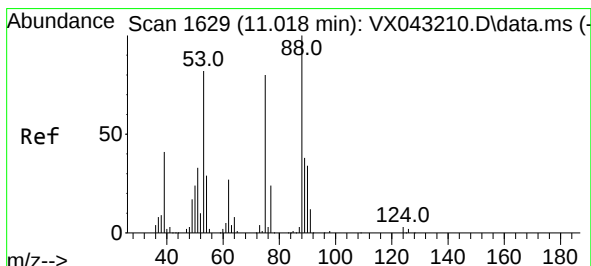
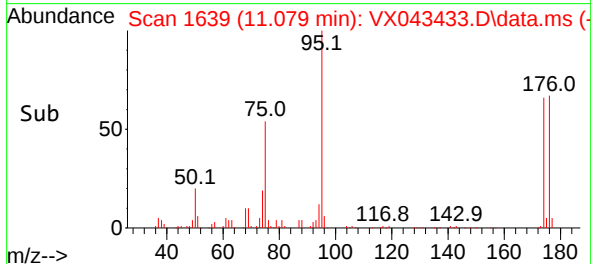
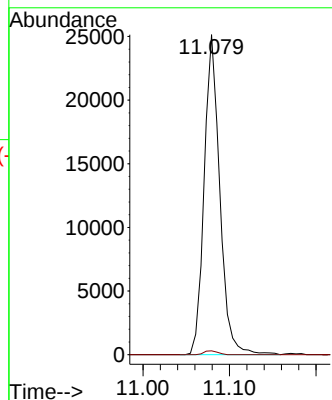
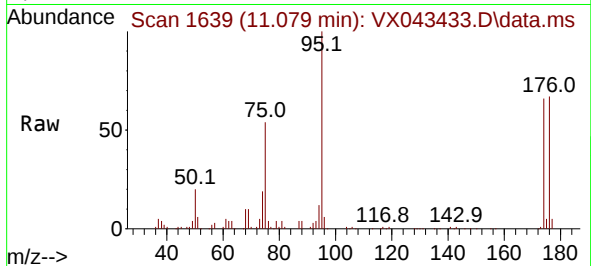




#76
1,2,3-Trichloropropane
Concen: 28.626 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043433.D
Acq: 18 Oct 2024 14:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 31477
Ion Ratio Lower Upper
75 100
77 1.1 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.189 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043433.D
Acq: 18 Oct 2024 14:46

Tgt Ion: 75 Resp: 31477
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

