

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044472.D
 Acq On : 23 Dec 2024 12:12
 Operator : JC/MD
 Sample : P5317-17 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 21:54:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	152527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	266136	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	230576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100927	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	107524	40.206	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.420%
35) Dibromofluoromethane	5.385	113	83943	45.541	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.080%
50) Toluene-d8	8.647	98	316568	50.907	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.820%
62) 4-Bromofluorobenzene	11.079	95	102749	47.286	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.580%

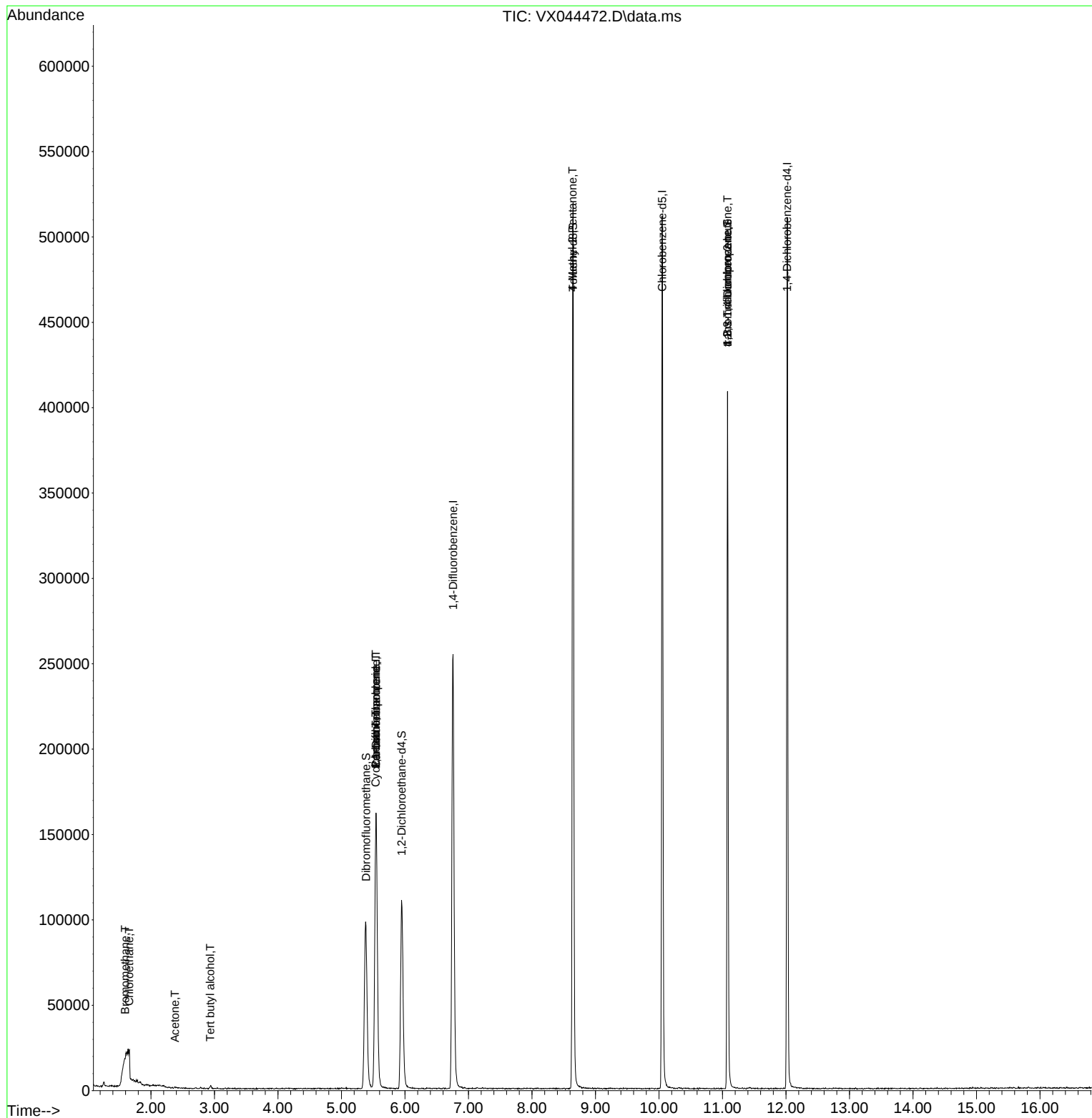
Target Compounds					Qvalue	
5) Bromomethane	1.593	94	661	0.397	ug/l #	31
6) Chloroethane	1.654	64	424	0.290	ug/l #	41
11) Tert butyl alcohol	2.935	59	653	1.733	ug/l #	71
16) Acetone	2.380	43	444	0.407	ug/l #	48
31) Cyclohexane	5.538	56	3622	1.255	ug/l #	16
36) 1,1-Dichloropropene	5.544	75	12377	5.195	ug/l #	50
38) Carbon Tetrachloride	5.544	117	16160	6.300	ug/l #	19
51) 4-Methyl-2-Pentanone	8.641	43	1461	0.494	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54962	24.390	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	54962	67.671	ug/l #	4

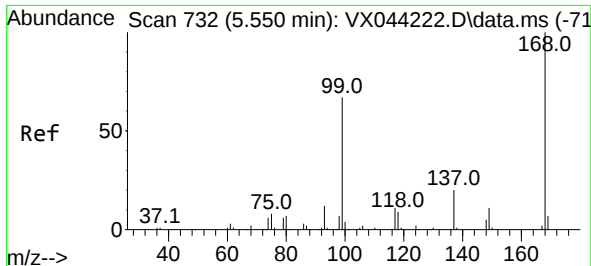
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
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MSVOA_X
ClientSampleId :

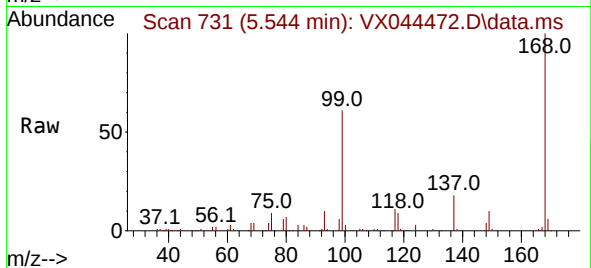
Quant Time: Dec 23 21:54:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



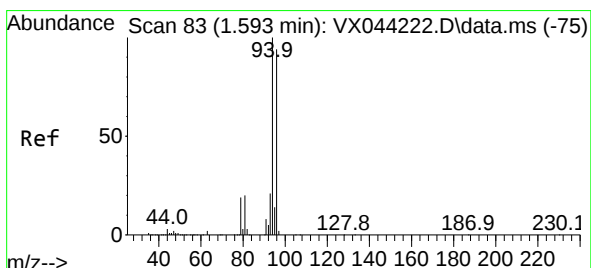
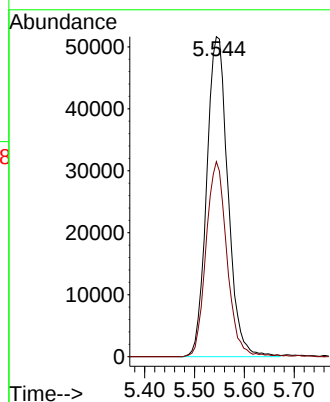
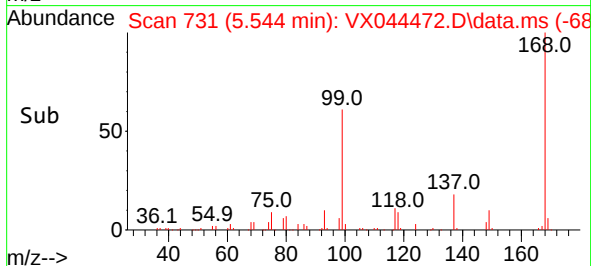


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044472.D
Acq: 23 Dec 2024 12:12

Instrument :
MSVOA_X
ClientSampleId :

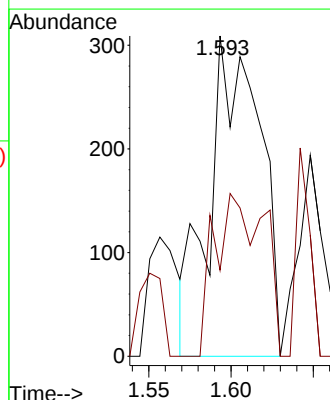
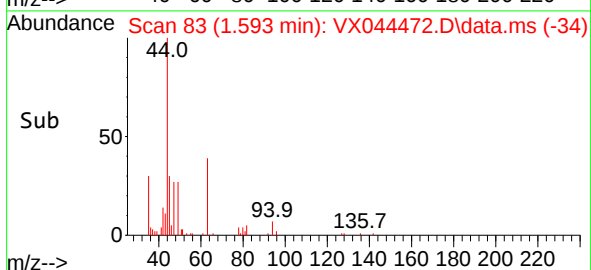
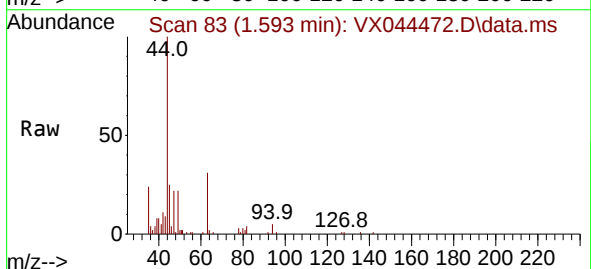


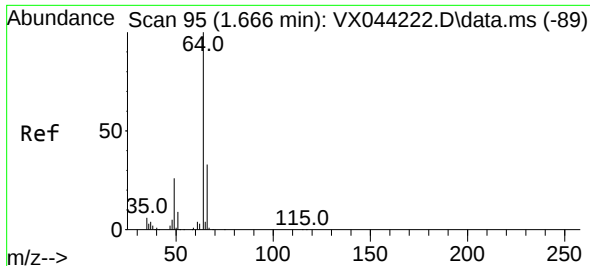
Tgt Ion:168 Resp: 152527
Ion Ratio Lower Upper
168 100
99 60.9 53.4 80.0



#5
Bromomethane
Concen: 0.397 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044472.D
Acq: 23 Dec 2024 12:12

Tgt Ion: 94 Resp: 661
Ion Ratio Lower Upper
94 100
96 26.9 74.9 112.3#

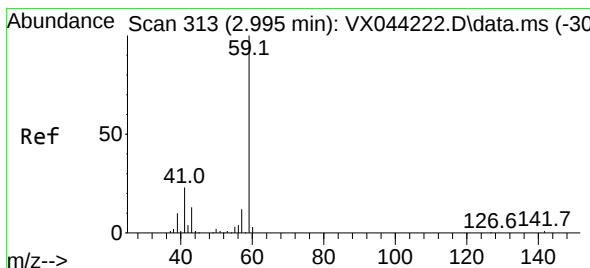
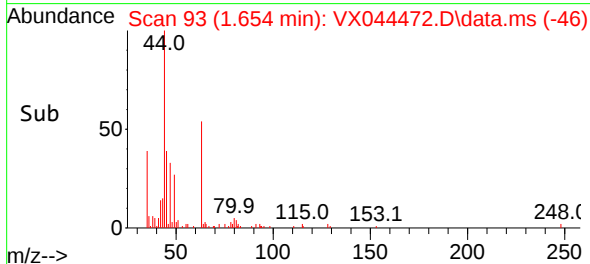
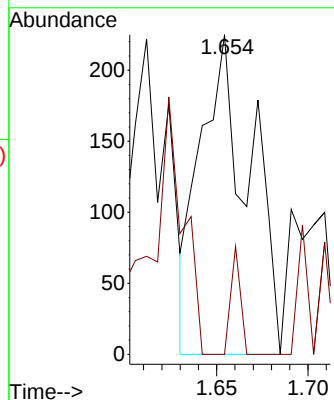
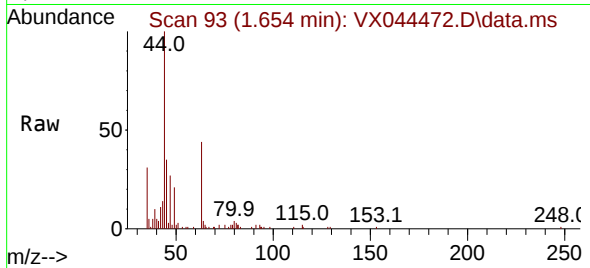




#6
Chloroethane
Concen: 0.290 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX044472.D
Acq: 23 Dec 2024 12:12

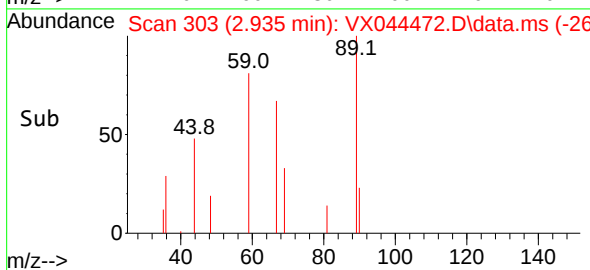
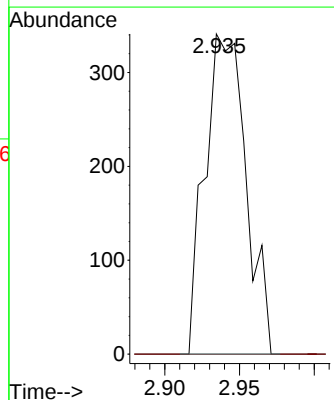
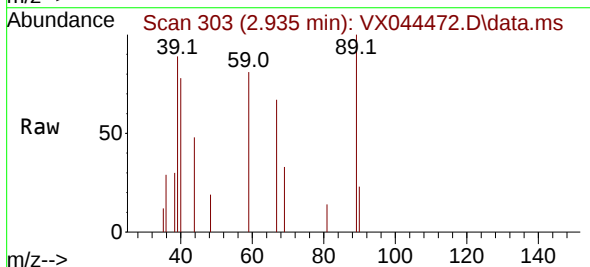
Instrument :
MSVOA_X
ClientSampleId :

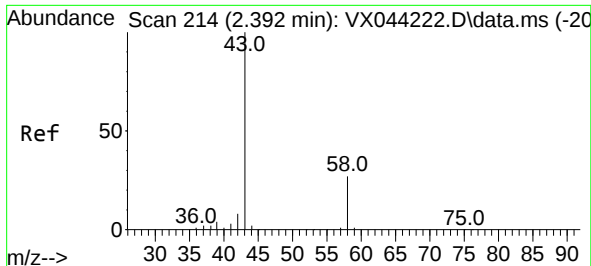
Tgt Ion: 64 Resp: 424
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: 1.733 ug/l
RT: 2.935 min Scan# 303
Delta R.T. -0.061 min
Lab File: VX044472.D
Acq: 23 Dec 2024 12:12

Tgt Ion: 59 Resp: 653
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

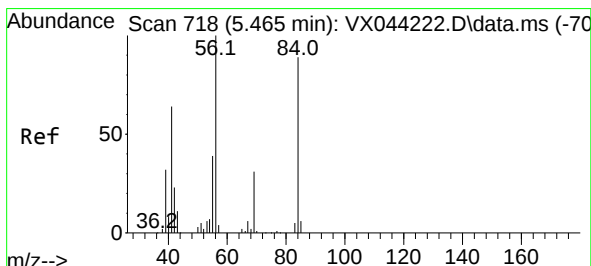
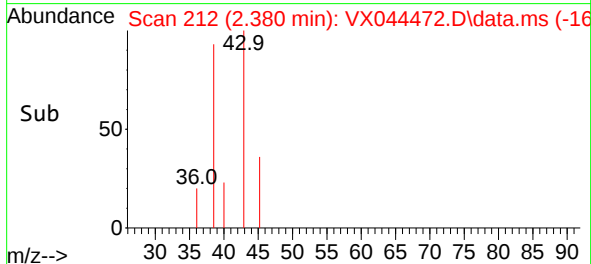
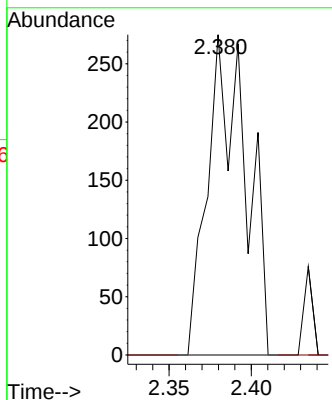
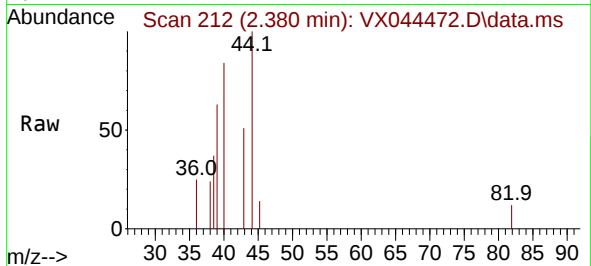




#16
Acetone
Concen: 0.407 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX044472.D
Acq: 23 Dec 2024 12:12

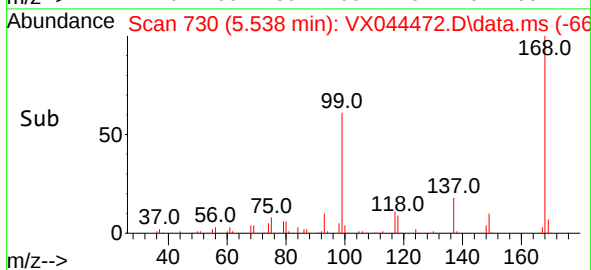
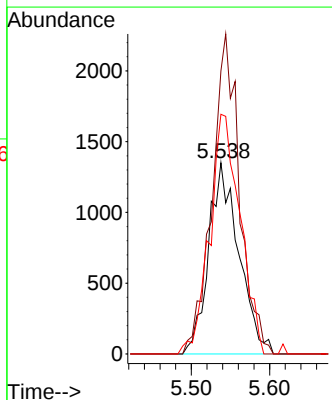
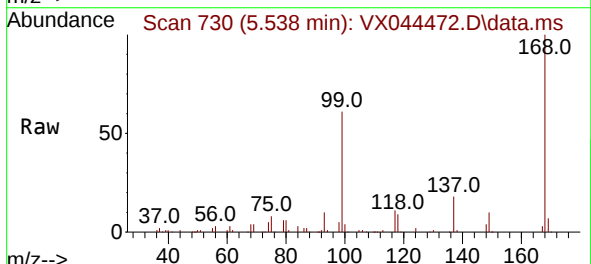
Instrument :
MSVOA_X
ClientSampleId :

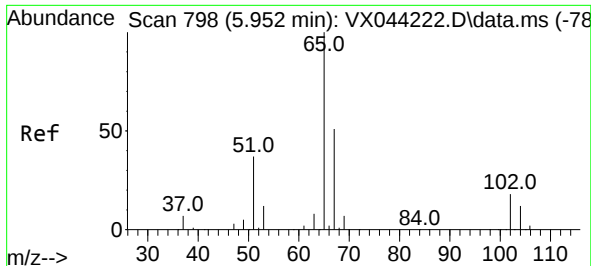
Tgt Ion: 43 Resp: 444
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4#



#31
Cyclohexane
Concen: 1.255 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX044472.D
Acq: 23 Dec 2024 12:12

Tgt Ion: 56 Resp: 3622
Ion Ratio Lower Upper
56 100
69 148.0 24.7 37.1#
84 125.4 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 40.206 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX044472.D

Acq: 23 Dec 2024 12:12

Instrument :

MSVOA_X

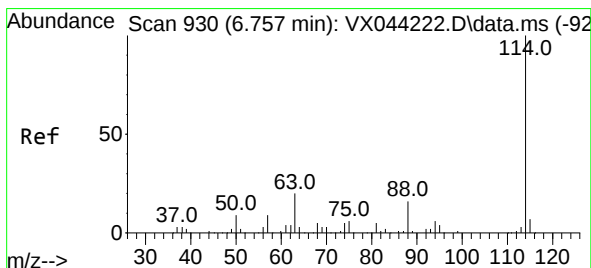
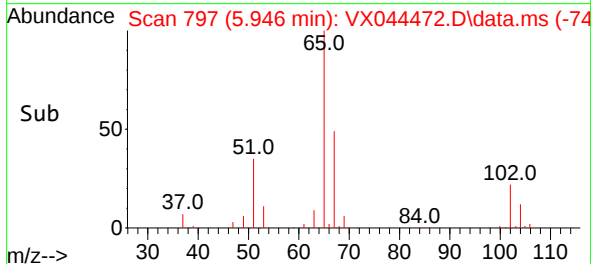
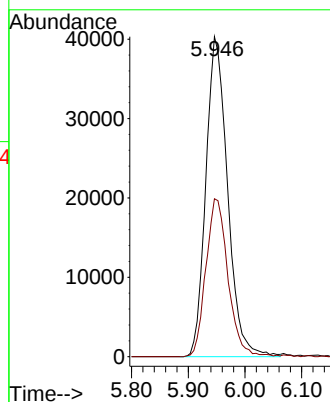
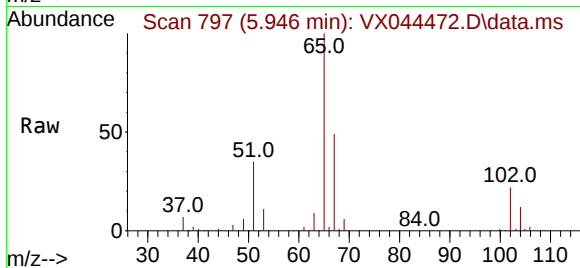
ClientSampleId :

Tgt Ion: 65 Resp: 107524

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044472.D

Acq: 23 Dec 2024 12:12

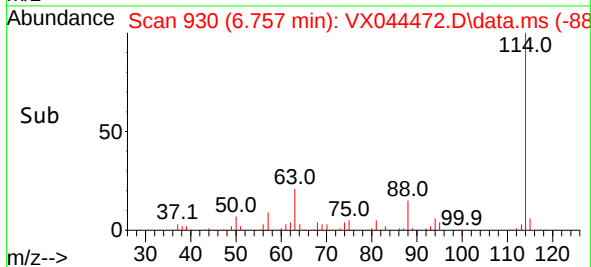
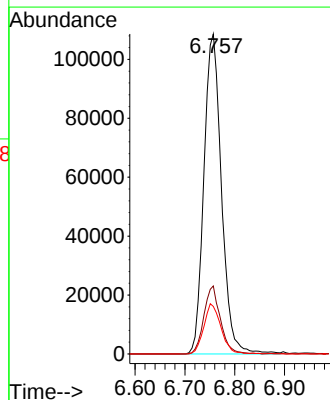
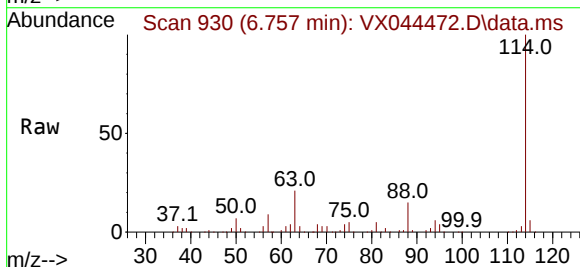
Tgt Ion: 114 Resp: 266136

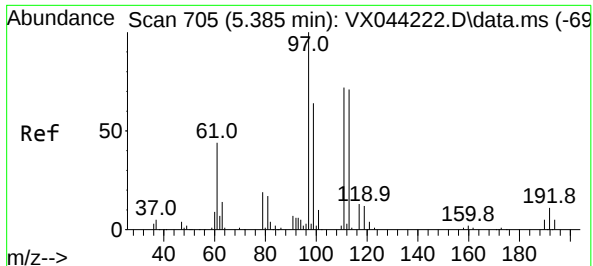
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.6

88 14.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.541 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

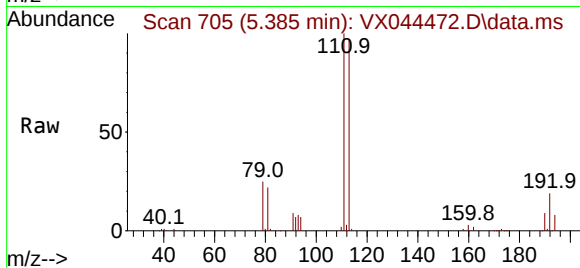
Lab File: VX044472.D

Acq: 23 Dec 2024 12:12

Instrument :

MSVOA_X

ClientSampleId :



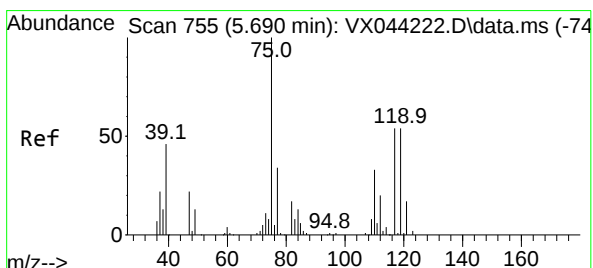
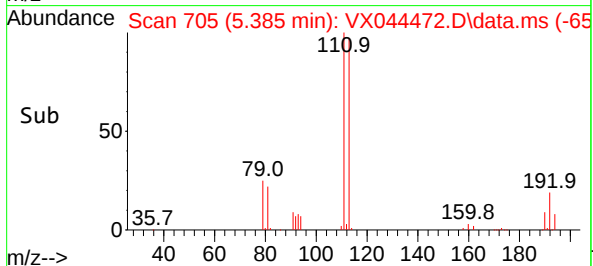
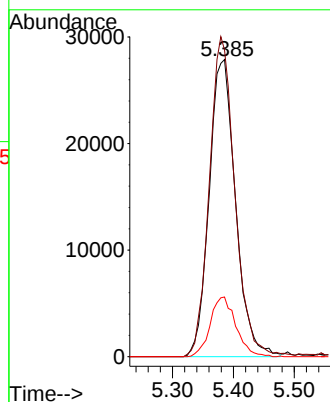
Tgt Ion:113 Resp: 83943

Ion Ratio Lower Upper

113 100

111 104.1 80.4 120.6

192 19.5 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.195 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX044472.D

Acq: 23 Dec 2024 12:12

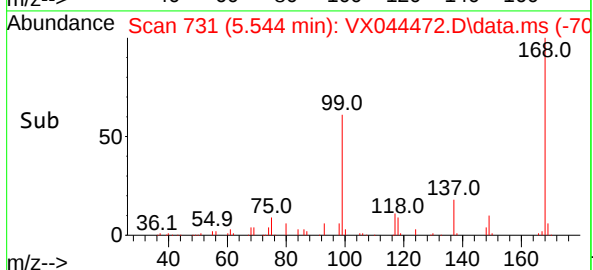
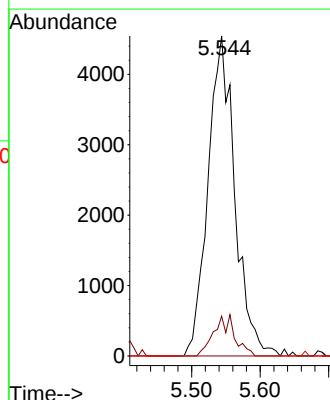
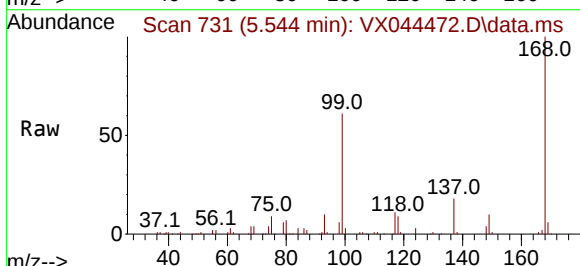
Tgt Ion: 75 Resp: 12377

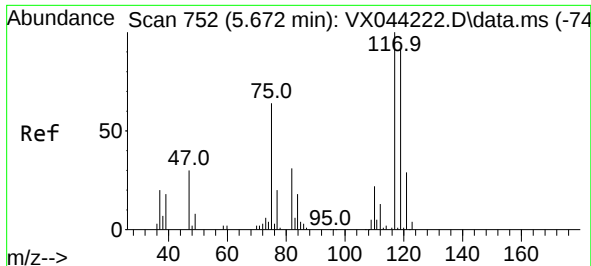
Ion Ratio Lower Upper

75 100

110 9.9 17.3 51.7#

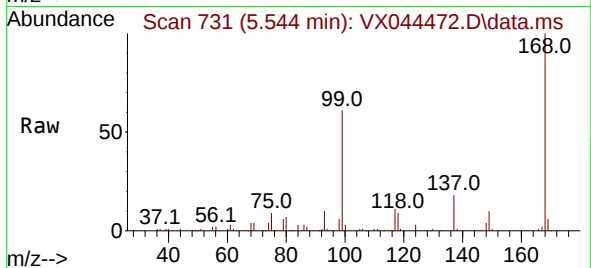
77 0.0 25.4 38.0#



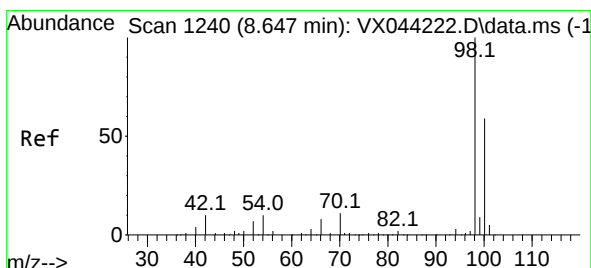
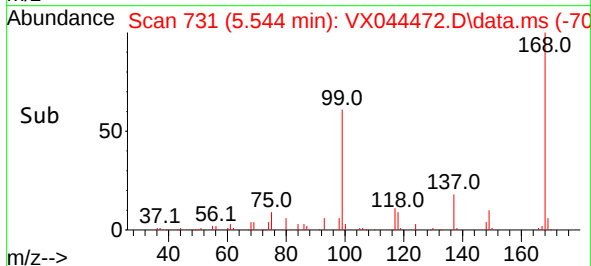
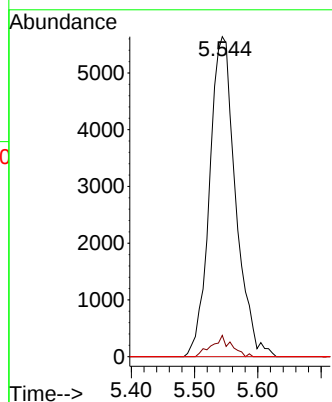


#38
Carbon Tetrachloride
Concen: 6.300 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044472.D
Acq: 23 Dec 2024 12:12

Instrument :
MSVOA_X
ClientSampleId :

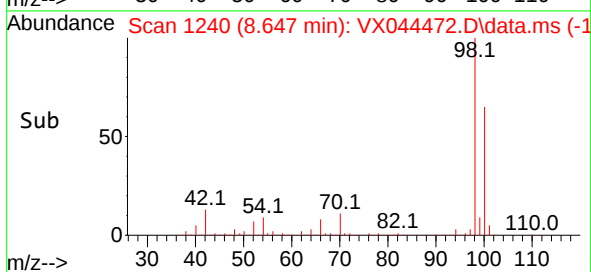
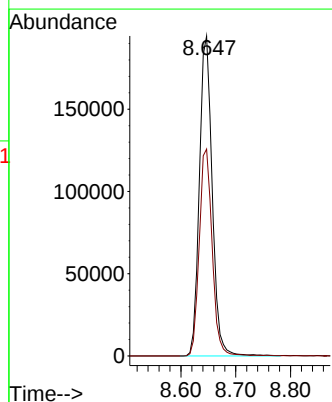
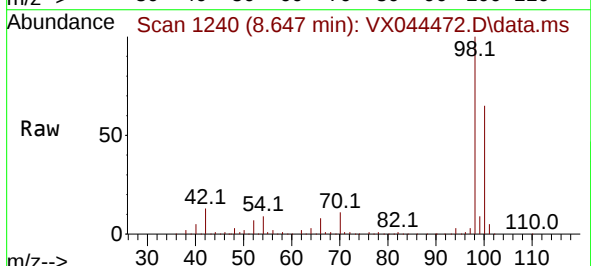


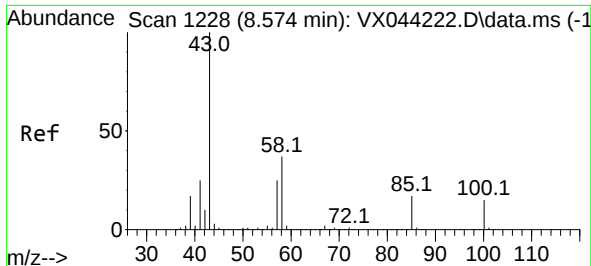
Tgt Ion:117 Resp: 16160
Ion Ratio Lower Upper
117 100
119 6.6 74.2 111.4#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 50.907 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044472.D
Acq: 23 Dec 2024 12:12

Tgt Ion: 98 Resp: 316568
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3

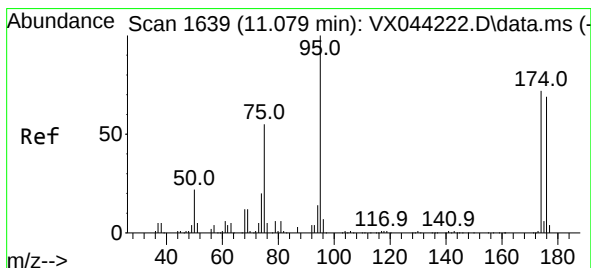
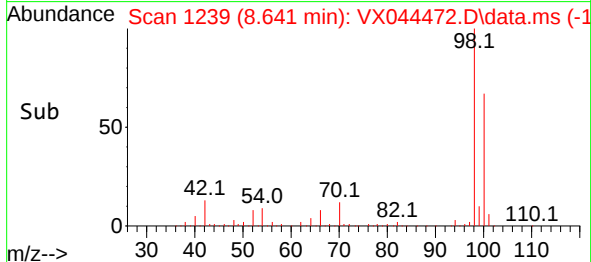
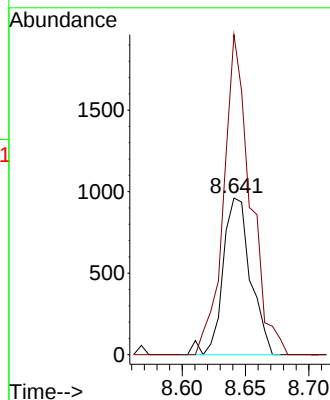
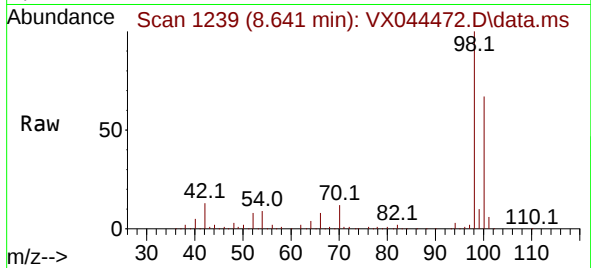




#51
4-Methyl-2-Pentanone
Concen: 0.494 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044472.D
Acq: 23 Dec 2024 12:12

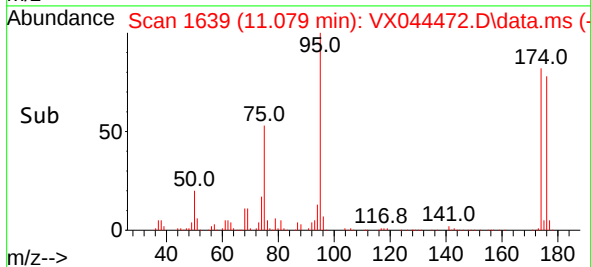
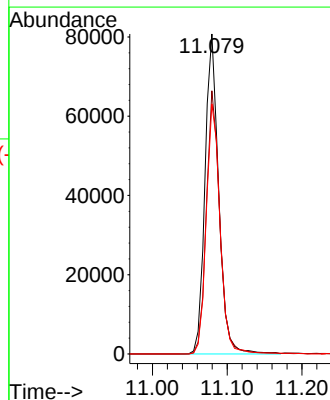
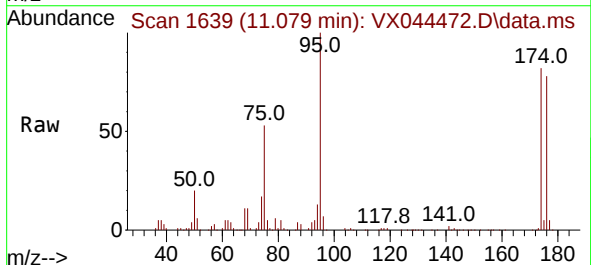
Instrument :
MSVOA_X
ClientSampleId :

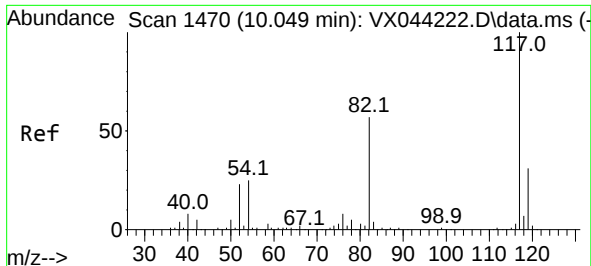
Tgt Ion: 43 Resp: 1461
Ion Ratio Lower Upper
43 100
58 197.8 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 47.286 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044472.D
Acq: 23 Dec 2024 12:12

Tgt Ion: 95 Resp: 102749
Ion Ratio Lower Upper
95 100
174 81.4 0.0 145.8
176 79.0 0.0 137.8

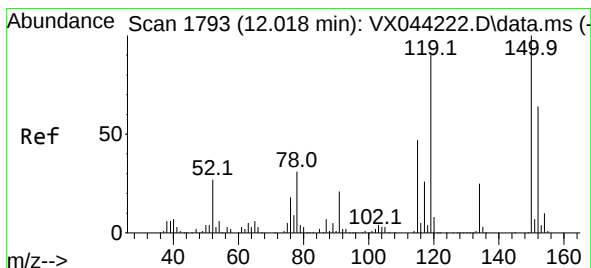
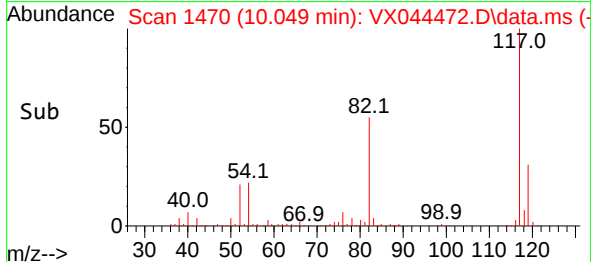
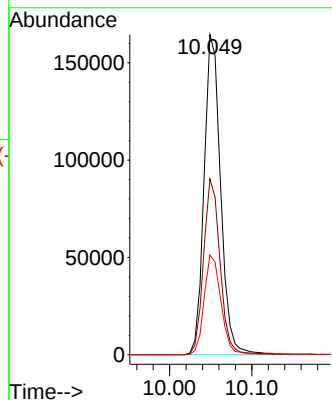
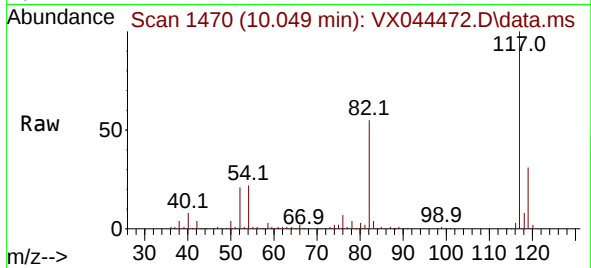




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044472.D
Acq: 23 Dec 2024 12:12

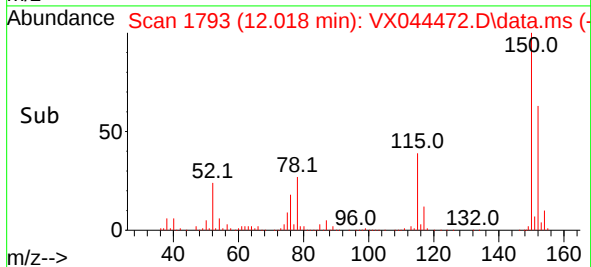
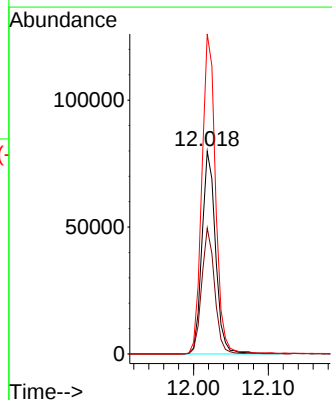
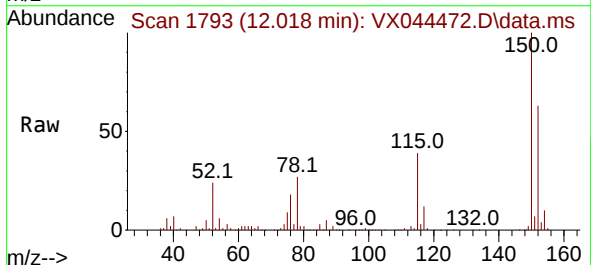
Instrument :
MSVOA_X
ClientSampleId :

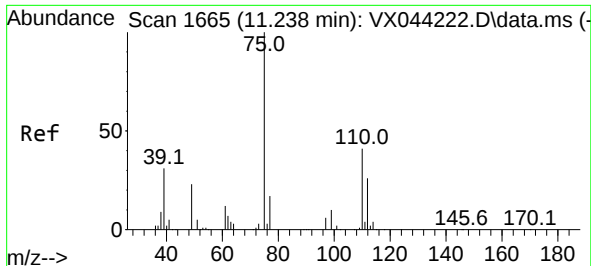
Tgt Ion:117 Resp: 230576
Ion Ratio Lower Upper
117 100
82 54.9 45.8 68.8
119 31.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044472.D
Acq: 23 Dec 2024 12:12

Tgt Ion:152 Resp: 100927
Ion Ratio Lower Upper
152 100
115 59.8 44.5 133.3
150 158.2 0.0 353.8

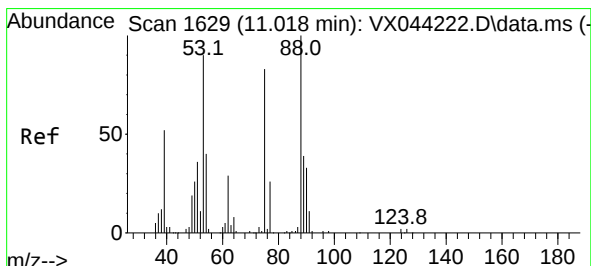
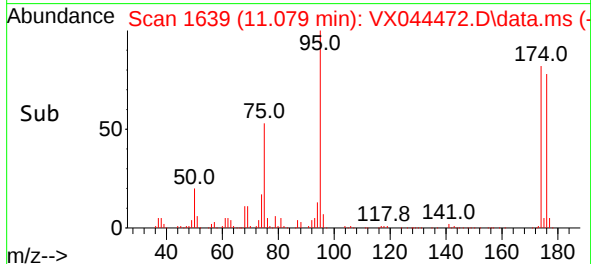
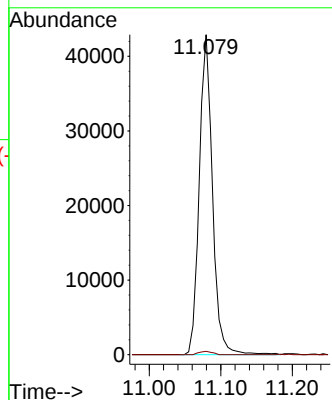
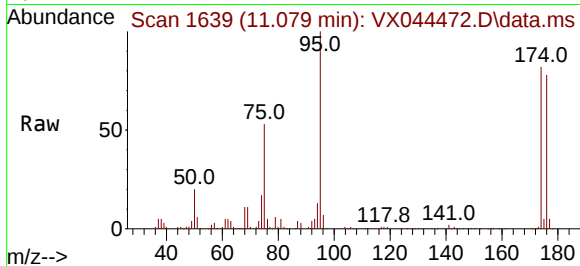




#76
1,2,3-Trichloropropane
Concen: 24.390 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044472.D
Acq: 23 Dec 2024 12:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 54962
Ion Ratio Lower Upper
75 100
77 1.1 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.671 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044472.D
Acq: 23 Dec 2024 12:12

Tgt Ion: 75 Resp: 54962
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

