

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044414.D
 Acq On : 19 Dec 2024 05:17 am
 Operator : JC/MD
 Sample : P5317-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 06:41:26 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)

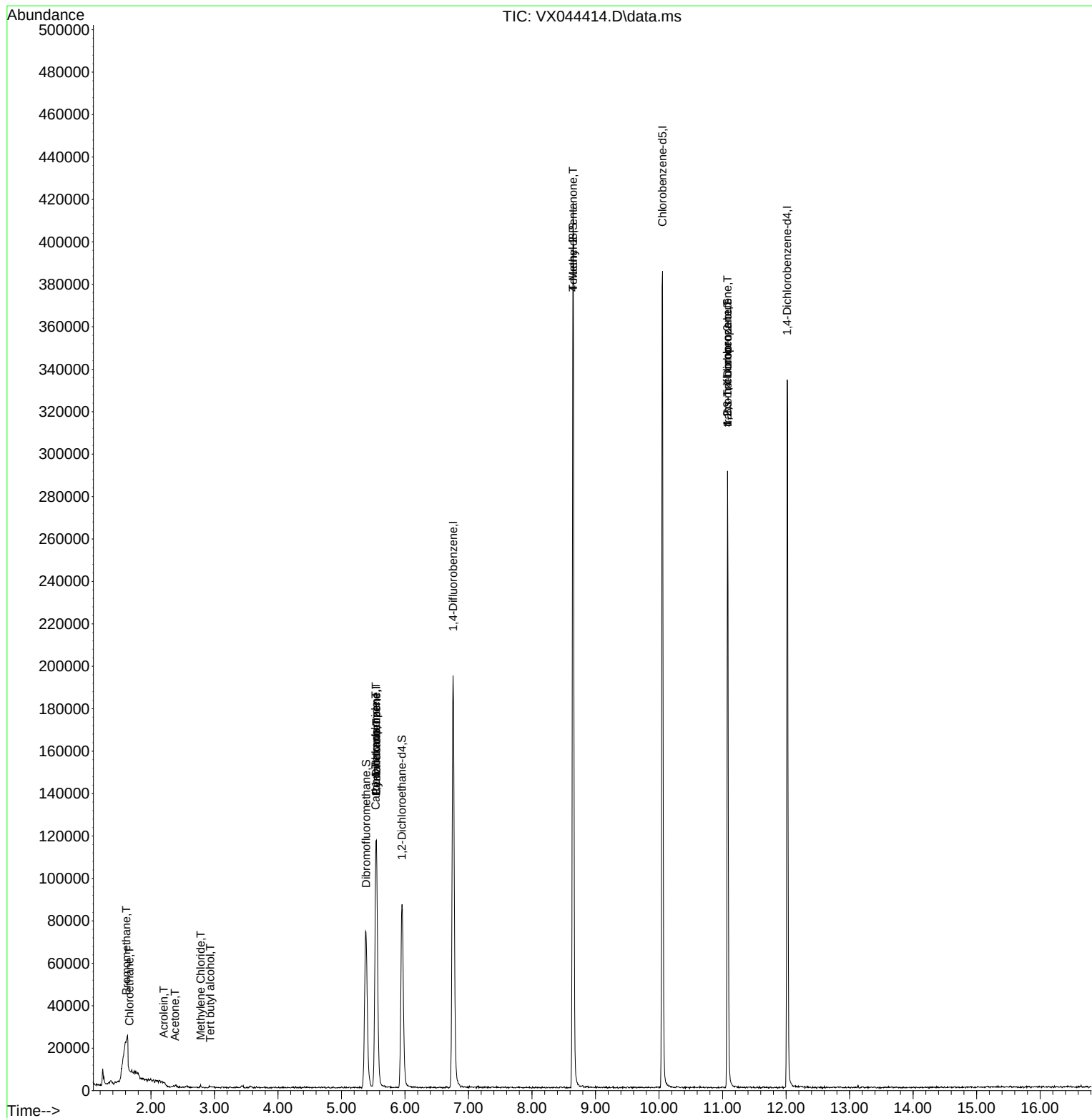
Internal Standards						
1) Pentafluorobenzene	5.550	168	107842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	195942	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85895	45.427	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.860%
35) Dibromofluoromethane	5.385	113	64519	47.543	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.080%
50) Toluene-d8	8.647	98	236421	51.638	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.280%
62) 4-Bromofluorobenzene	11.079	95	71611	44.762	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.520%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	485	0.412	ug/l #	42
6) Chloroethane	1.660	64	557	0.538	ug/l #	41
11) Tert butyl alcohol	2.934	59	124	0.465	ug/l #	71
13) Acrolein	2.203	56	116	0.301	ug/l #	14
16) Acetone	2.380	43	826	1.072	ug/l	99
20) Methylene Chloride	2.782	84	433	0.299	ug/l #	76
31) Cyclohexane	5.550	56	2514	1.232	ug/l #	31
36) 1,1-Dichloropropene	5.544	75	9867	5.625	ug/l #	49
38) Carbon Tetrachloride	5.538	117	12246	6.484	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1082	0.497	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40033	26.555	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	40033	73.182	ug/l #	4

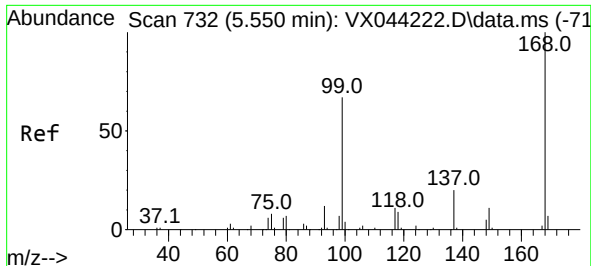
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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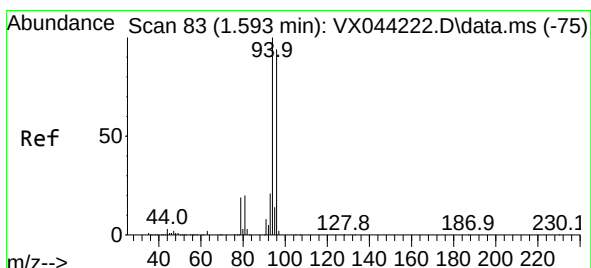
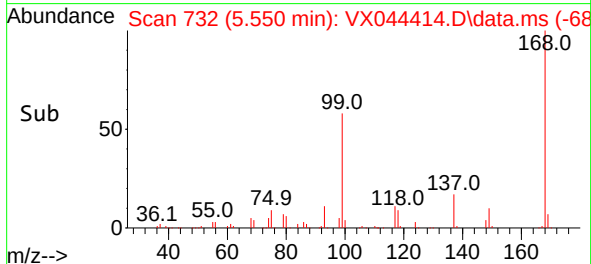
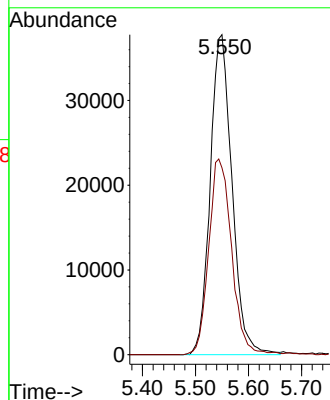
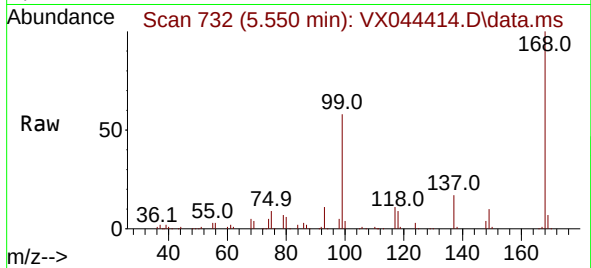




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044414.D
Acq: 19 Dec 2024 05:17

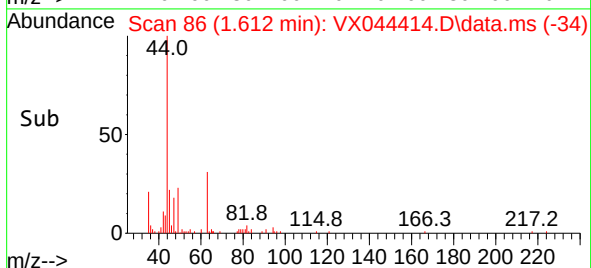
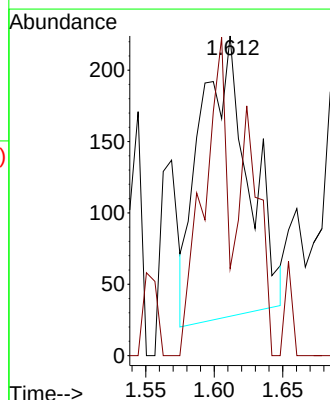
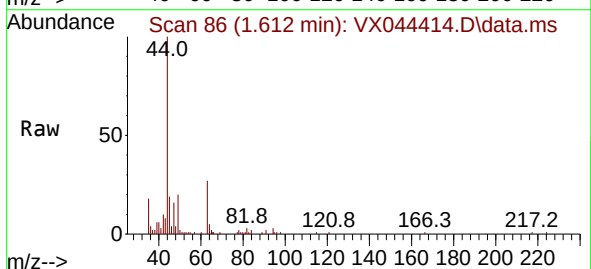
Instrument :
MSVOA_X
ClientSampleId :

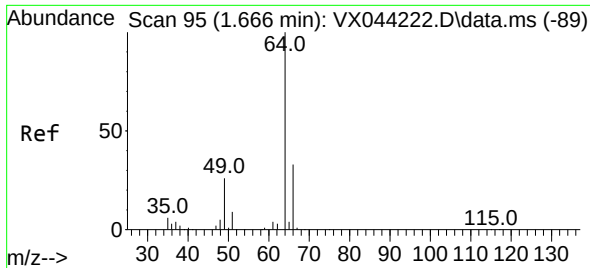
Tgt Ion:168 Resp: 107842
Ion Ratio Lower Upper
168 100
99 58.4 53.4 80.0



#5
Bromomethane
Concen: 0.412 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.018 min
Lab File: VX044414.D
Acq: 19 Dec 2024 05:17 am

Tgt Ion: 94 Resp: 485
Ion Ratio Lower Upper
94 100
96 37.9 74.9 112.3#

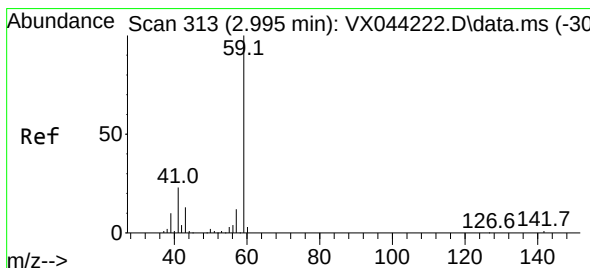
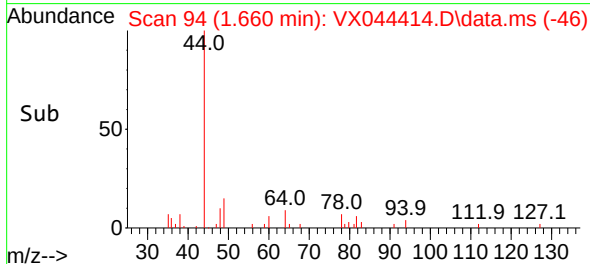
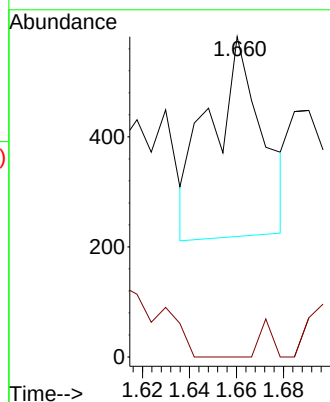
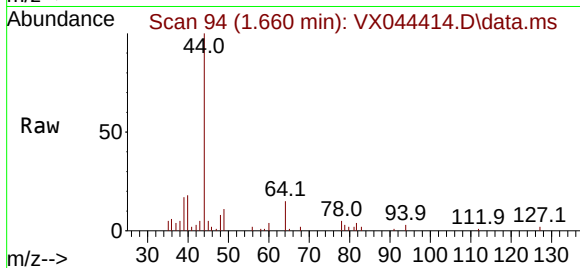




#6
Chloroethane
Concen: 0.538 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044414.D
Acq: 19 Dec 2024 05:17

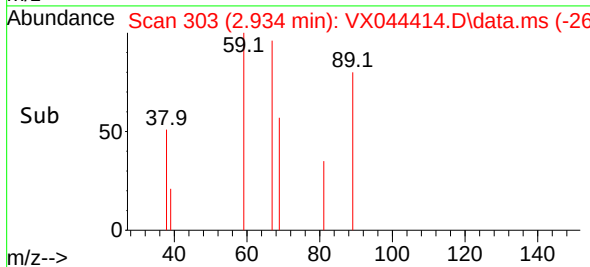
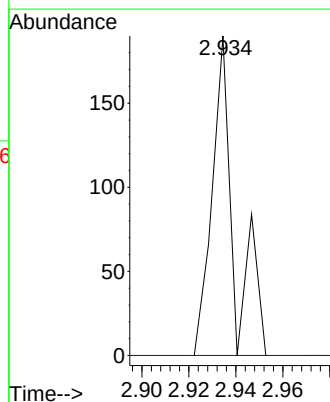
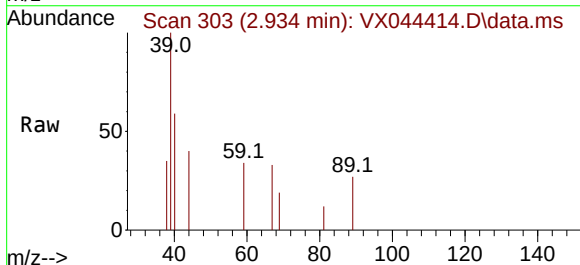
Instrument :
MSVOA_X
ClientSampleId :

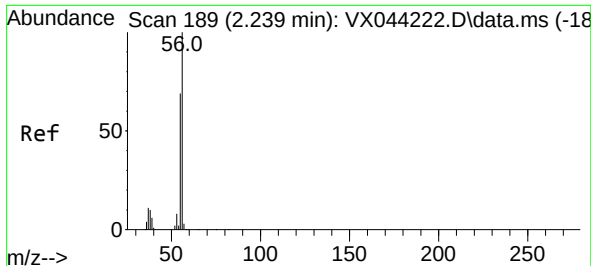
Tgt Ion: 64 Resp: 557
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: 0.465 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.061 min
Lab File: VX044414.D
Acq: 19 Dec 2024 05:17 am

Tgt Ion: 59 Resp: 124
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#





#13

Acrolein

Concen: 0.301 ug/l

RT: 2.203 min Scan# 116

Delta R.T. -0.037 min

Lab File: VX044414.D

Acq: 19 Dec 2024 05:17

Instrument :

MSVOA_X

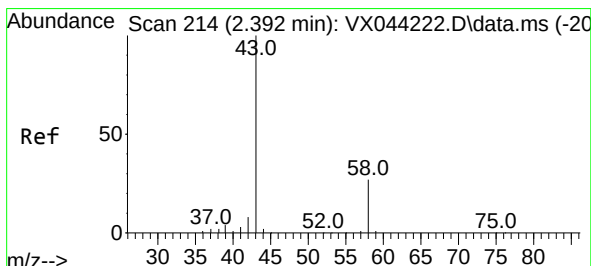
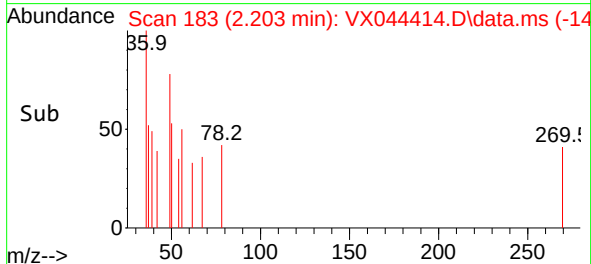
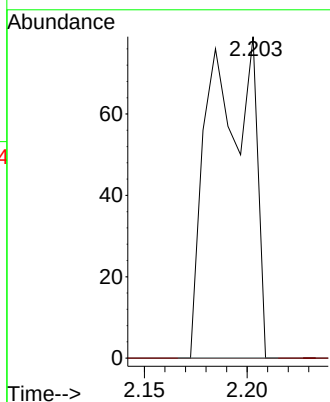
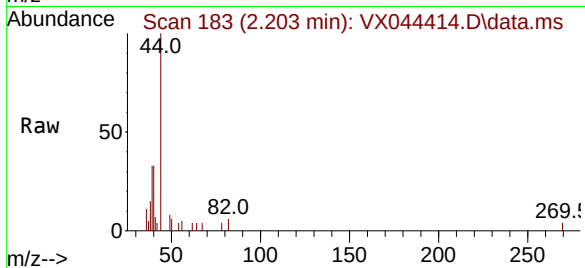
ClientSampleId :

Tgt Ion: 56 Resp: 116

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#



#16

Acetone

Concen: 1.072 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX044414.D

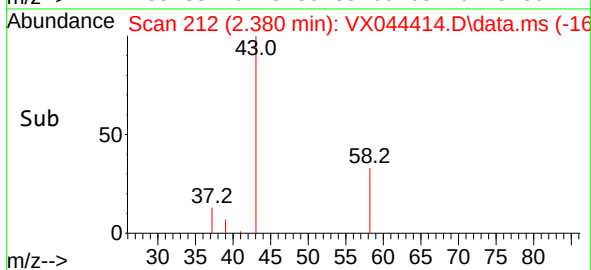
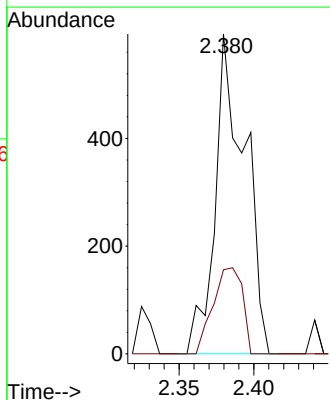
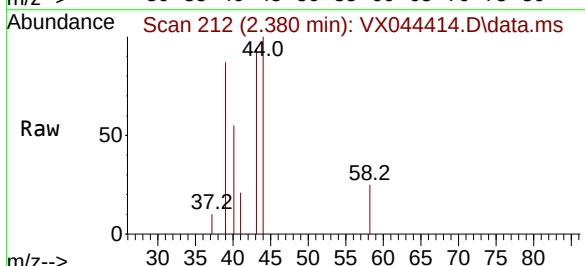
Acq: 19 Dec 2024 05:17 am

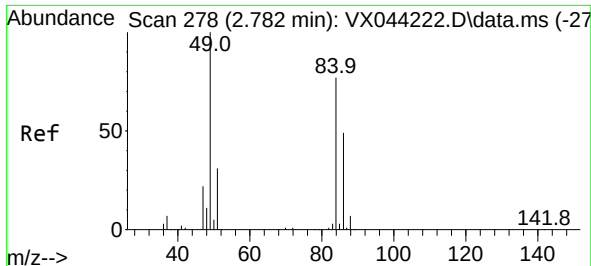
Tgt Ion: 43 Resp: 826

Ion Ratio Lower Upper

43 100

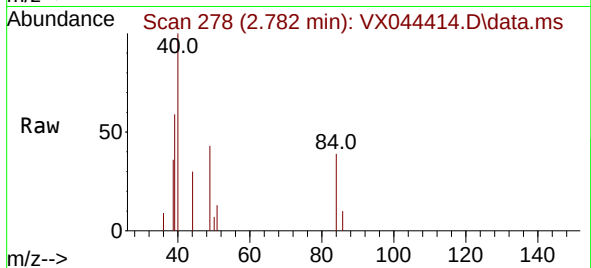
58 26.3 21.6 32.4





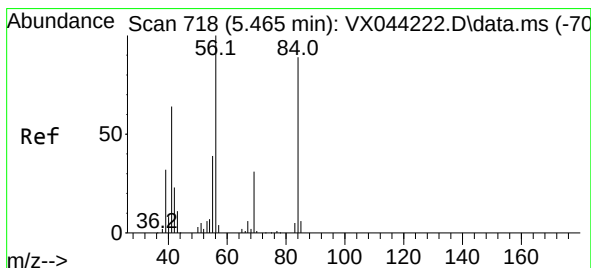
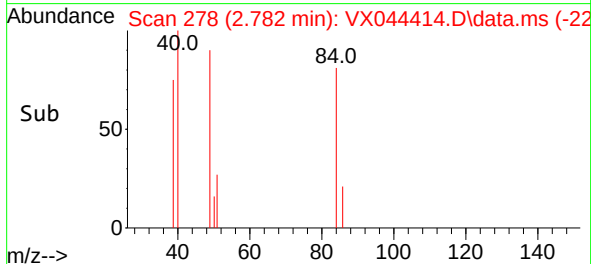
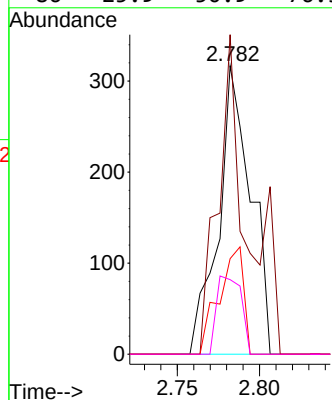
#20
Methylene Chloride
Concen: 0.299 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044414.D
Acq: 19 Dec 2024 05:17

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 433

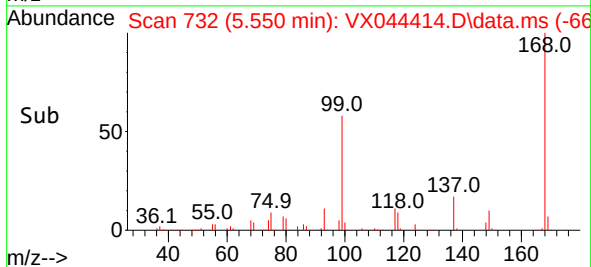
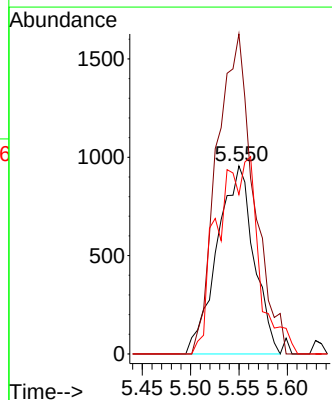
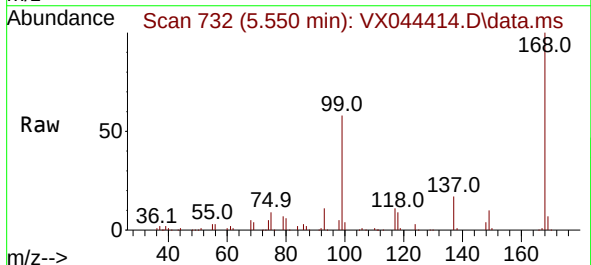
Ion	Ratio	Lower	Upper
84	100		
49	110.7	104.2	156.4
51	33.1	32.2	48.4
86	25.9	50.9	76.3

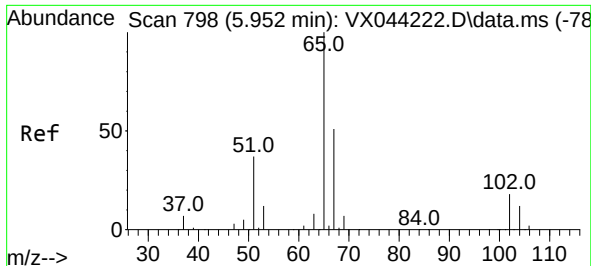


#31
Cyclohexane
Concen: 1.232 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX044414.D
Acq: 19 Dec 2024 05:17 am

Tgt Ion: 56 Resp: 2514

Ion	Ratio	Lower	Upper
56	100		
69	170.2	24.7	37.1
84	84.7	71.0	106.6





#33

1,2-Dichloroethane-d4

Concen: 45.427 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044414.D

Acq: 19 Dec 2024 05:17

Instrument :

MSVOA_X

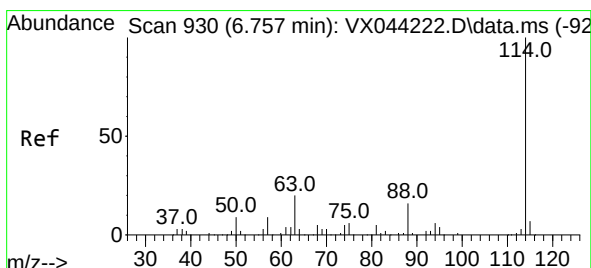
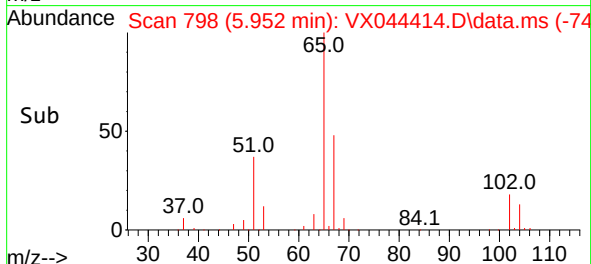
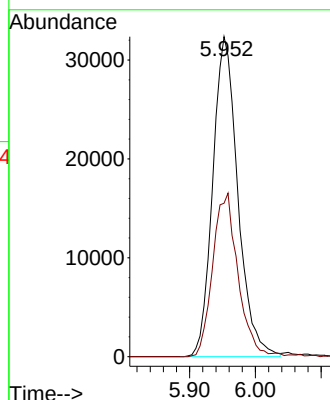
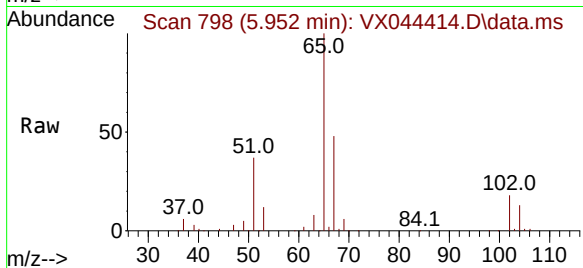
ClientSampleId :

Tgt Ion: 65 Resp: 85895

Ion Ratio Lower Upper

65 100

67 51.5 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: VX044414.D

Acq: 19 Dec 2024 05:17 am

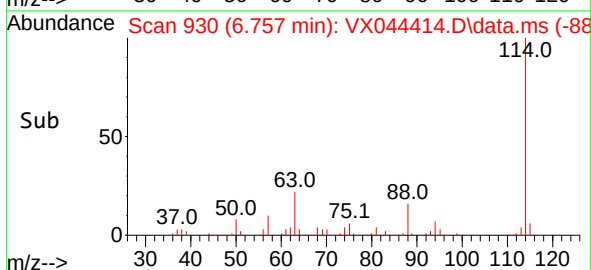
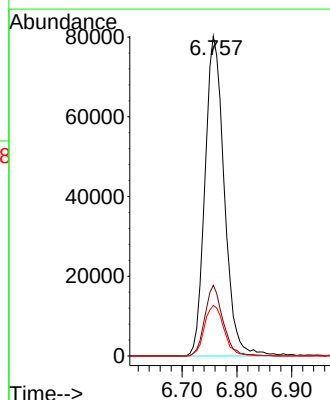
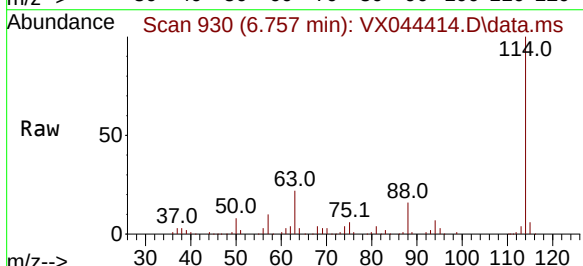
Tgt Ion: 114 Resp: 195942

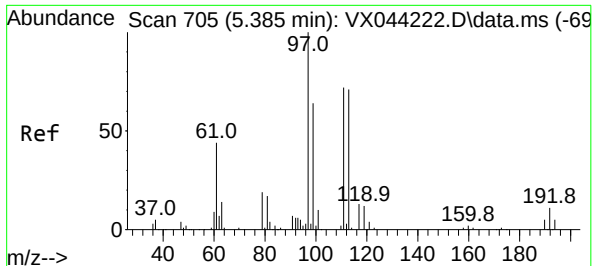
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.6

88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.543 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

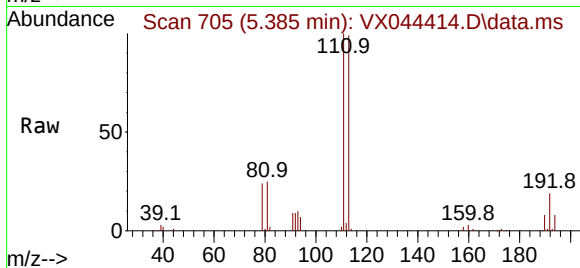
Lab File: VX044414.D

Acq: 19 Dec 2024 05:17

Instrument :

MSVOA_X

ClientSampleId :



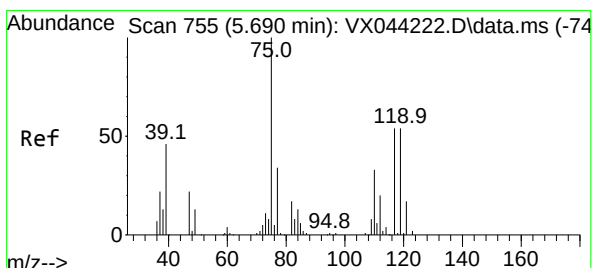
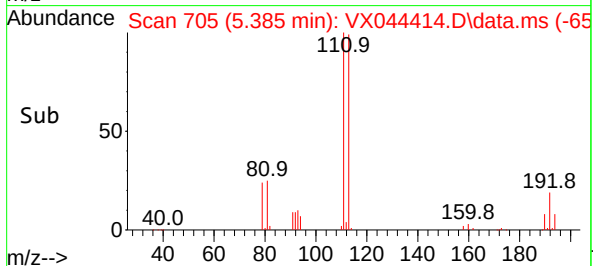
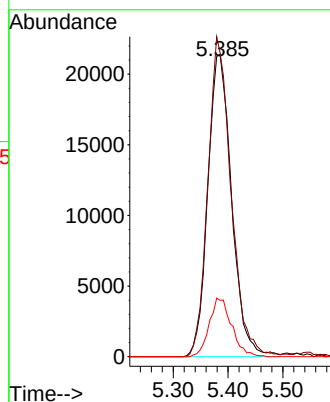
Tgt Ion:113 Resp: 64519

Ion Ratio Lower Upper

113 100

111 103.4 80.4 120.6

192 18.2 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.625 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX044414.D

Acq: 19 Dec 2024 05:17 am

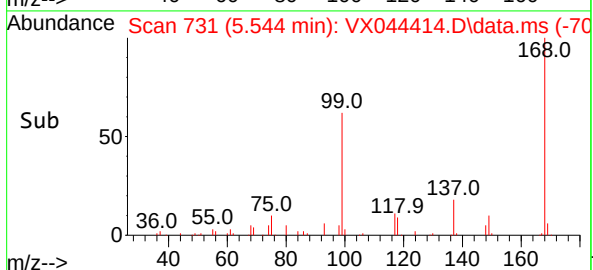
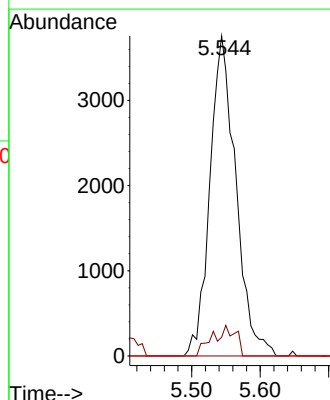
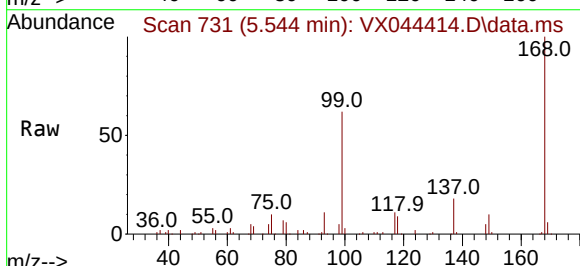
Tgt Ion: 75 Resp: 9867

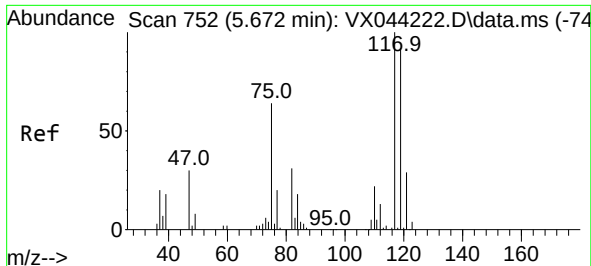
Ion Ratio Lower Upper

75 100

110 8.5 17.3 51.7#

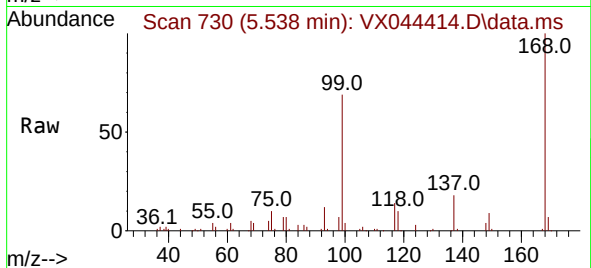
77 0.0 25.4 38.0#



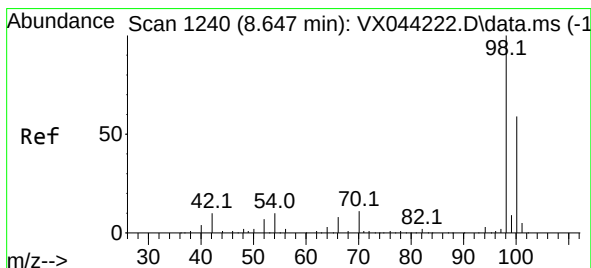
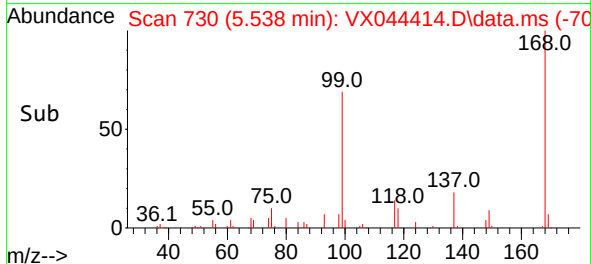
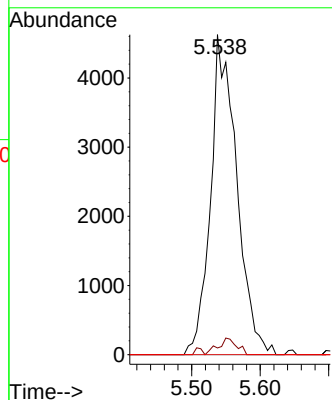


#38
Carbon Tetrachloride
Concen: 6.484 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX044414.D
Acq: 19 Dec 2024 05:17

Instrument :
MSVOA_X
ClientSampleId :

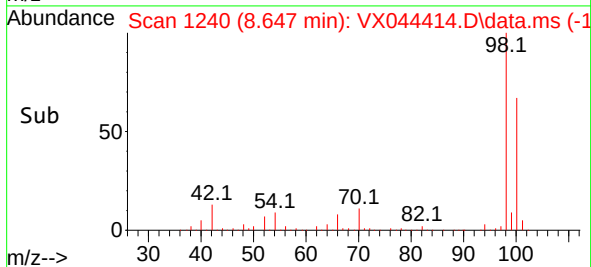
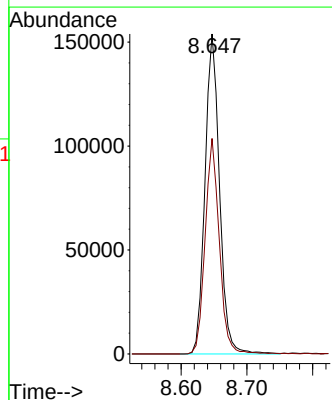
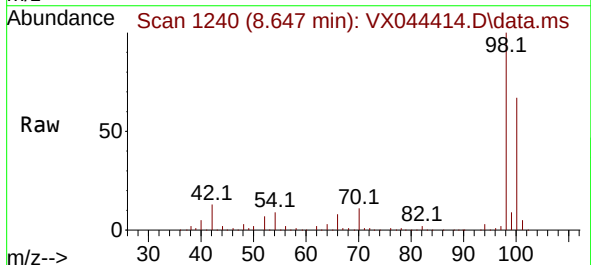


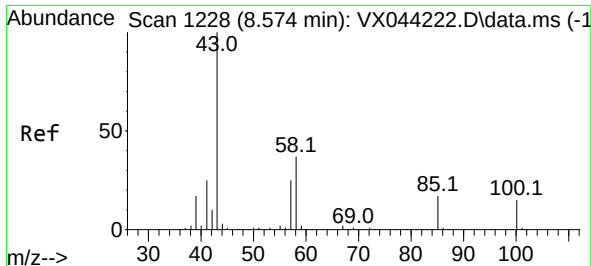
Tgt Ion:117 Resp: 12246
Ion Ratio Lower Upper
117 100
119 2.1 74.2 111.4#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 51.638 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044414.D
Acq: 19 Dec 2024 05:17 am

Tgt Ion: 98 Resp: 236421
Ion Ratio Lower Upper
98 100
100 65.9 51.5 77.3

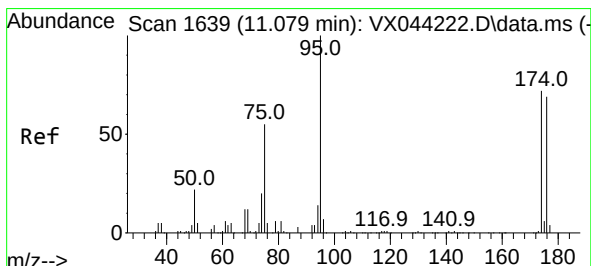
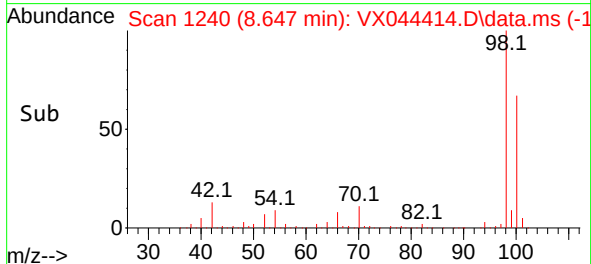
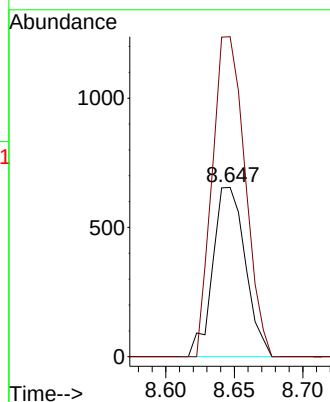
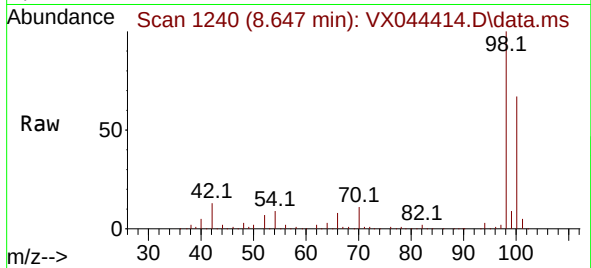




#51
4-Methyl-2-Pentanone
Concen: 0.497 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX044414.D
Acq: 19 Dec 2024 05:17

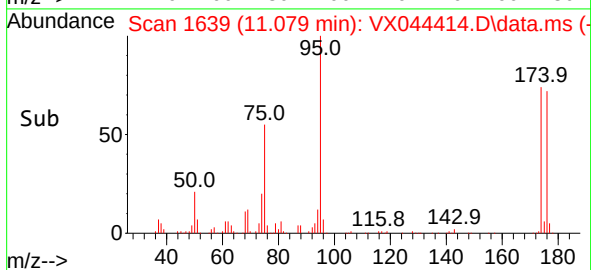
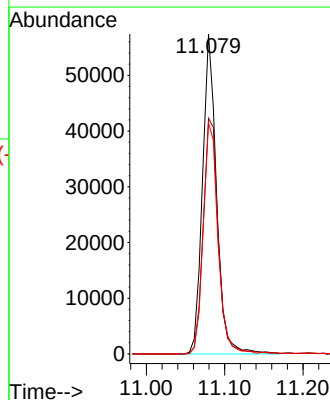
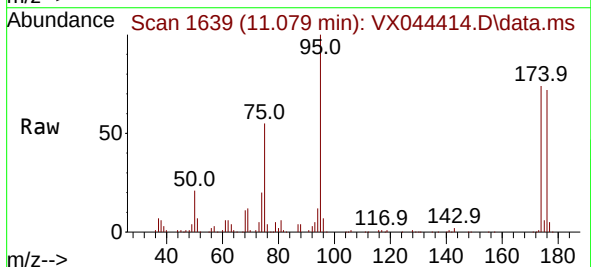
Instrument :
MSVOA_X
ClientSampleId :

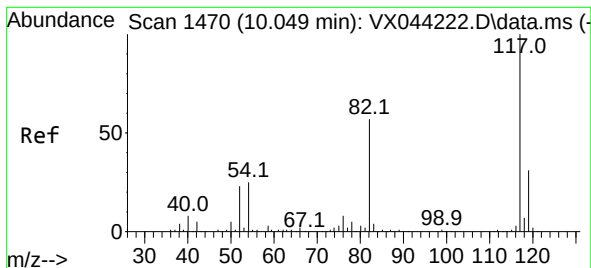
Tgt Ion: 43 Resp: 1082
Ion Ratio Lower Upper
43 100
58 190.5 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 44.762 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044414.D
Acq: 19 Dec 2024 05:17 am

Tgt Ion: 95 Resp: 71611
Ion Ratio Lower Upper
95 100
174 79.7 0.0 145.8
176 75.5 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044414.D

Acq: 19 Dec 2024 05:17

Instrument :

MSVOA_X

ClientSampleId :

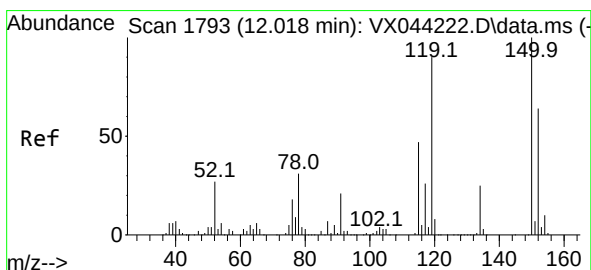
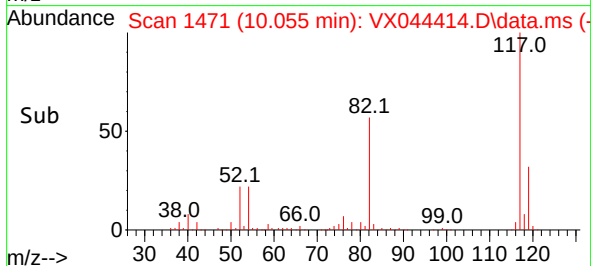
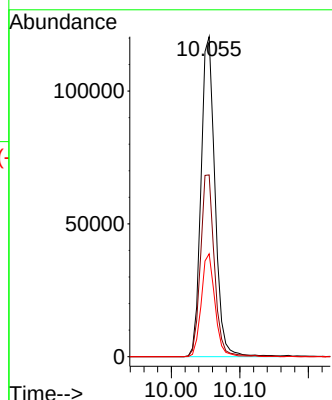
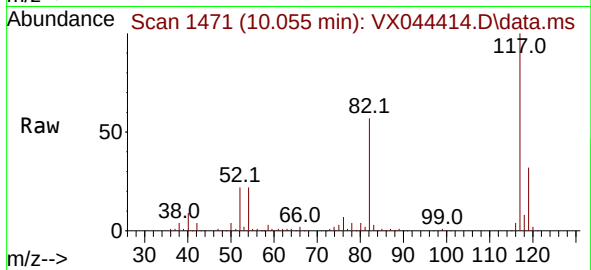
Tgt Ion:117 Resp: 171336

Ion Ratio Lower Upper

117 100

82 56.8 45.8 68.8

119 32.2 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: VX044414.D

Acq: 19 Dec 2024 05:17 am

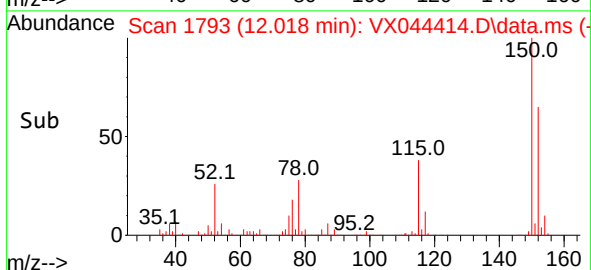
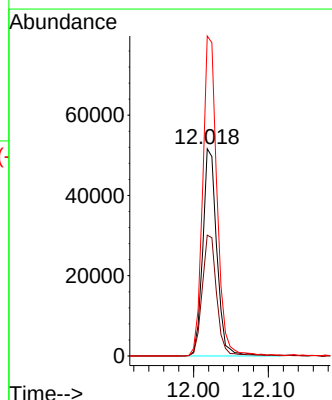
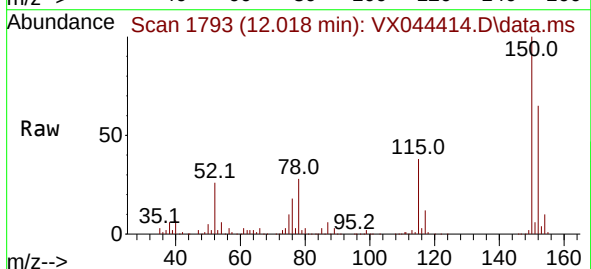
Tgt Ion:152 Resp: 67520

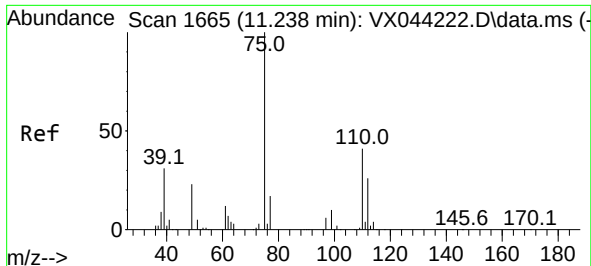
Ion Ratio Lower Upper

152 100

115 60.2 44.5 133.3

150 157.1 0.0 353.8

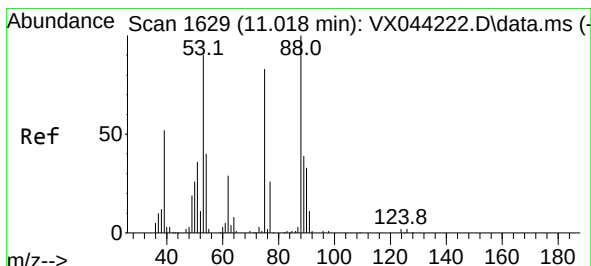
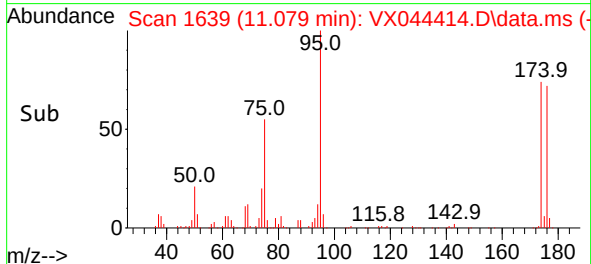
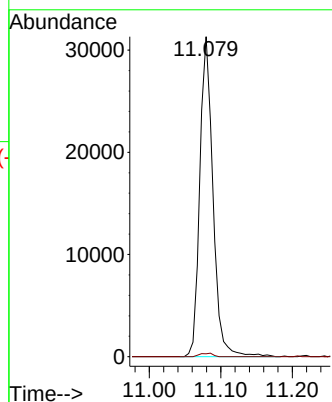
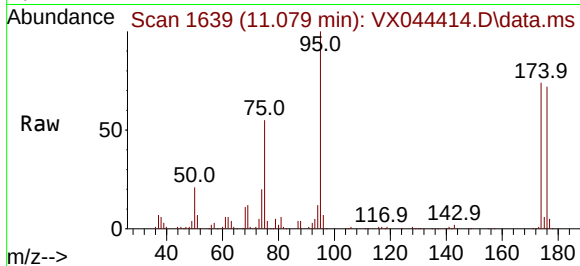




#76
1,2,3-Trichloropropane
Concen: 26.555 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044414.D
Acq: 19 Dec 2024 05:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 40033
Ion Ratio Lower Upper
75 100
77 1.1 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.182 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044414.D
Acq: 19 Dec 2024 05:17 am

Tgt Ion: 75 Resp: 40033
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

