

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
 Data File : VX040248.D
 Acq On : 15 Feb 2024 13:42
 Operator : JC/MD
 Sample : P1424-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1285

Quant Time: Feb 15 14:24:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

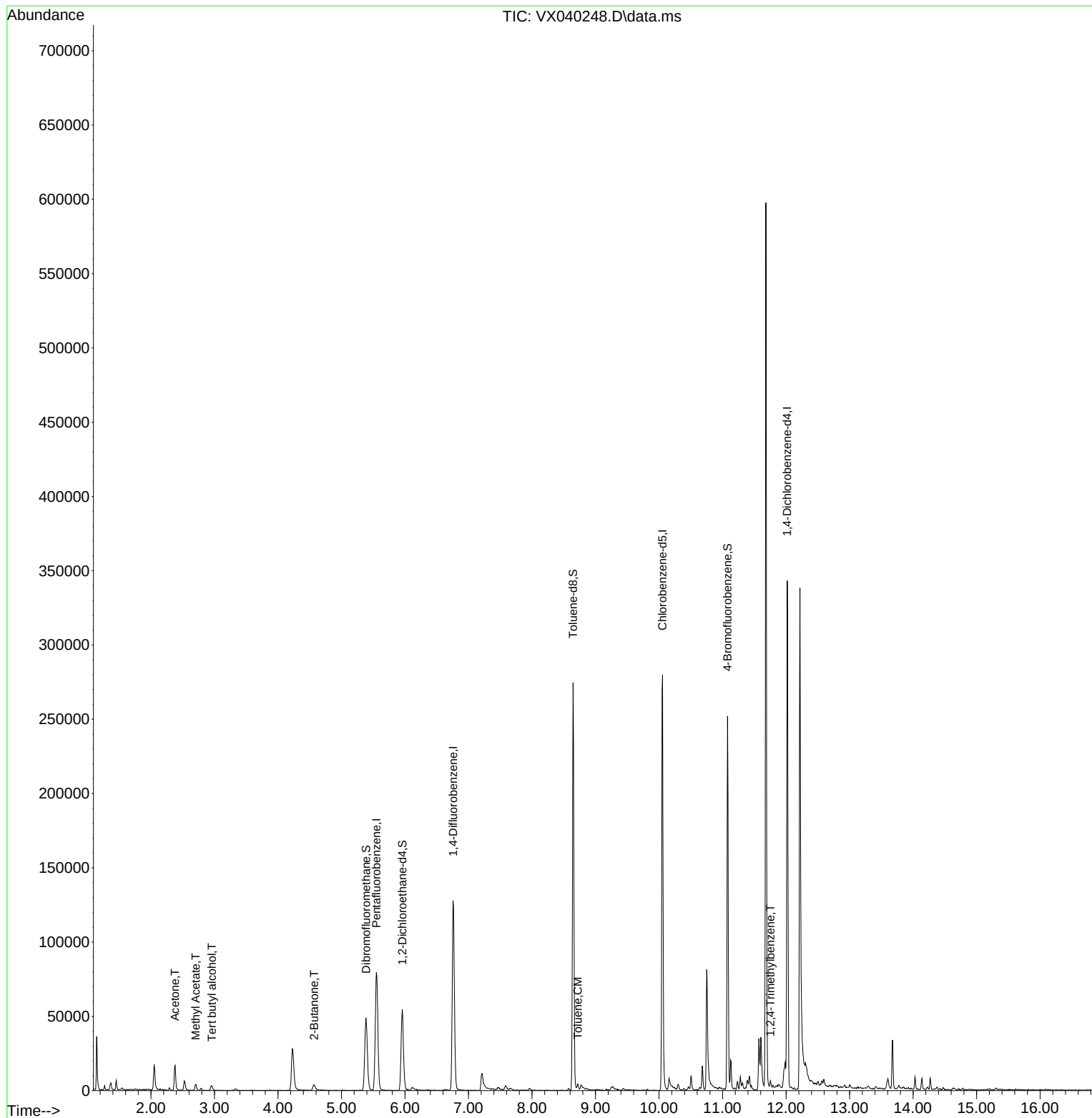
Internal Standards						
1) Pentafluorobenzene	5.550	168	76875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50902	44.507	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.020%
35) Dibromofluoromethane	5.385	113	41966	45.544	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.080%
50) Toluene-d8	8.647	98	158546	45.997	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.000%
62) 4-Bromofluorobenzene	11.079	95	64934	46.191	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	3508	15.747	ug/l #	85
16) Acetone	2.380	43	17601	37.472	ug/l #	81
18) Methyl Acetate	2.703	43	5091	4.043	ug/l	99
25) 2-Butanone	4.568	43	7223	9.838	ug/l #	90
52) Toluene	8.720	92	1413	0.598	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1700	0.418	ug/l	99

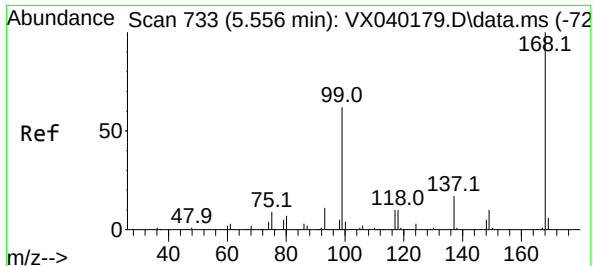
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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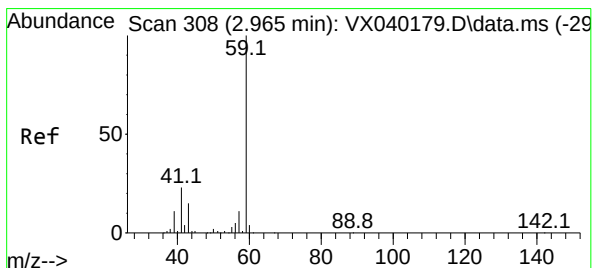
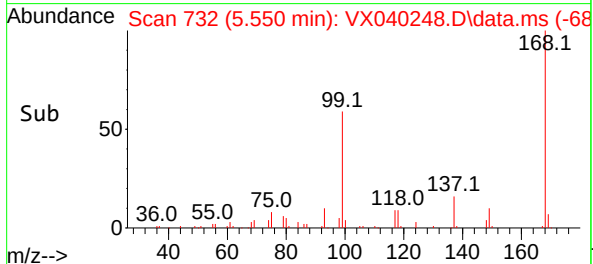
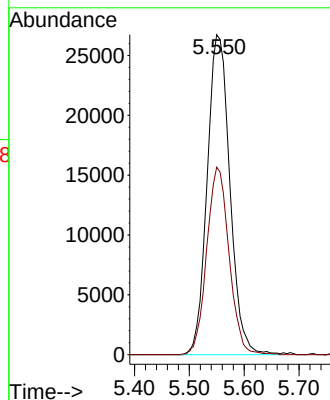
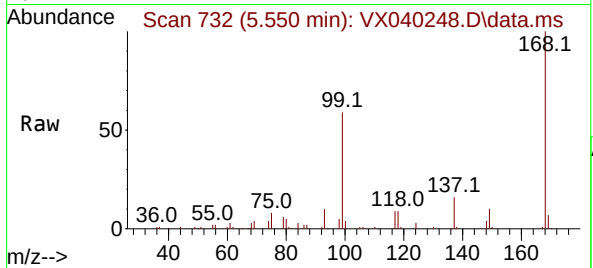




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040248.D
Acq: 15 Feb 2024 13:42

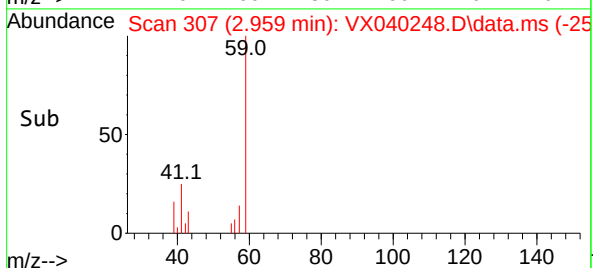
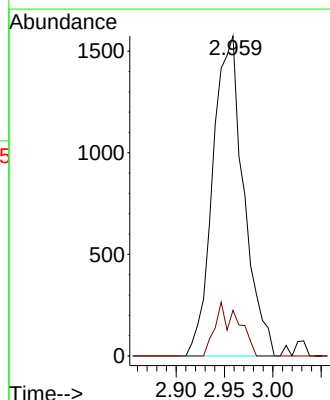
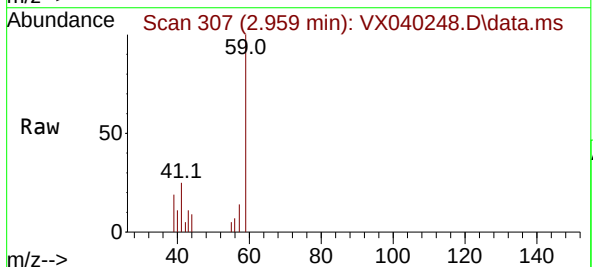
Instrument :
MSVOA_X
ClientSampleId :
1285

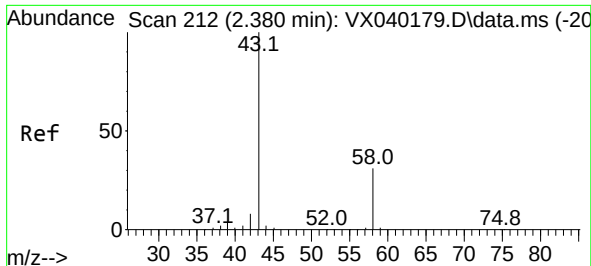
Tgt Ion:168 Resp: 76875
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 15.747 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX040248.D
Acq: 15 Feb 2024 13:42

Tgt Ion: 59 Resp: 3508
Ion Ratio Lower Upper
59 100
57 12.7 6.0 9.0#

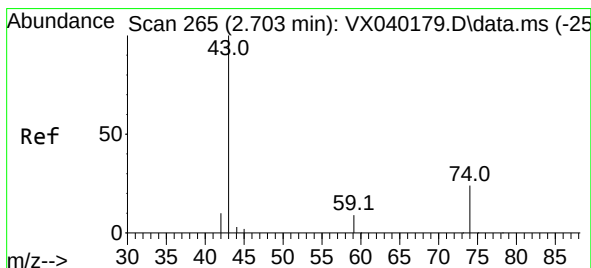
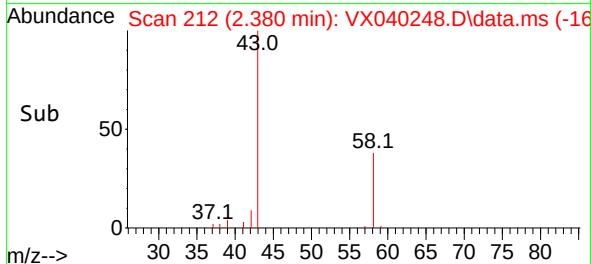
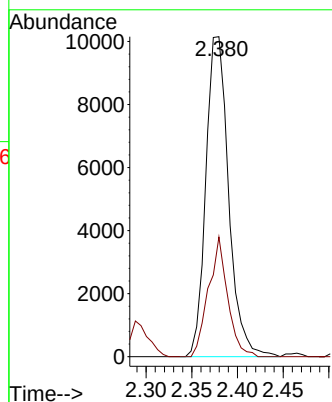
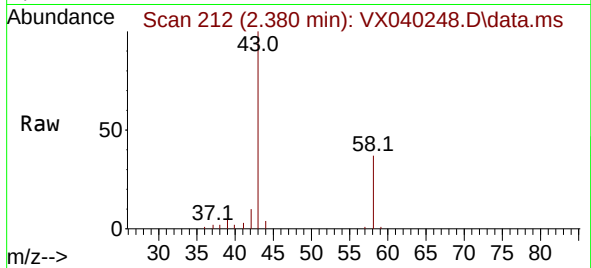




#16
Acetone
Concen: 37.472 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040248.D
Acq: 15 Feb 2024 13:42

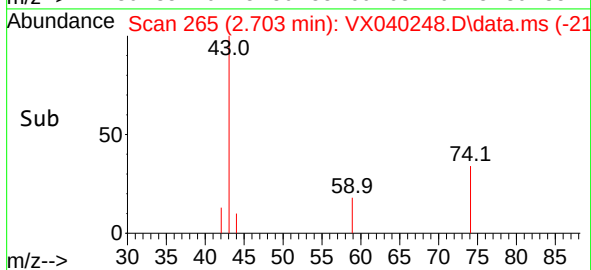
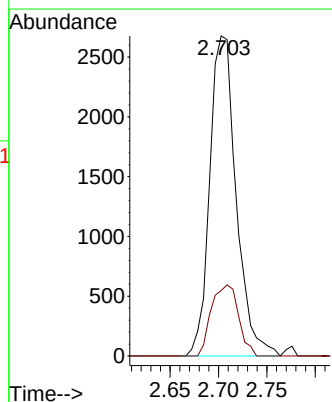
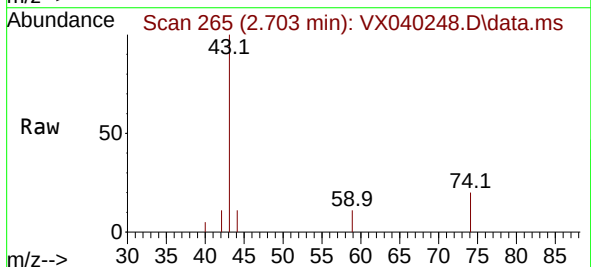
Instrument :
MSVOA_X
ClientSampleId :
1285

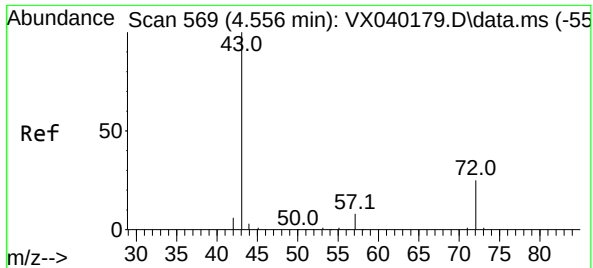
Tgt Ion: 43 Resp: 17601
Ion Ratio Lower Upper
43 100
58 37.4 21.9 32.9#



#18
Methyl Acetate
Concen: 4.043 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040248.D
Acq: 15 Feb 2024 13:42

Tgt Ion: 43 Resp: 5091
Ion Ratio Lower Upper
43 100
74 22.7 17.8 26.8

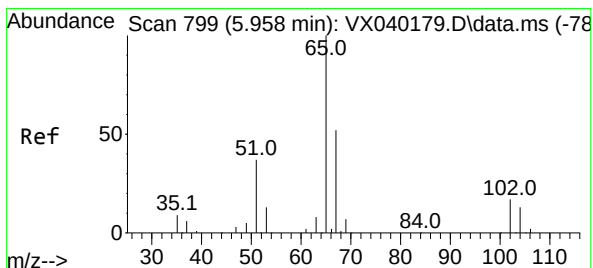
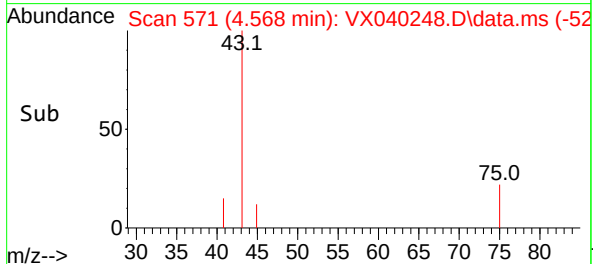
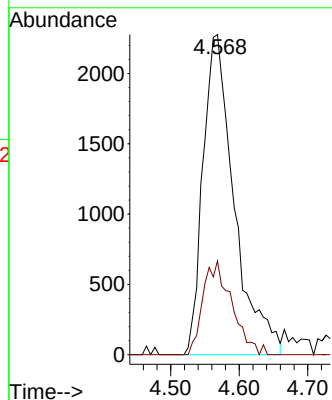
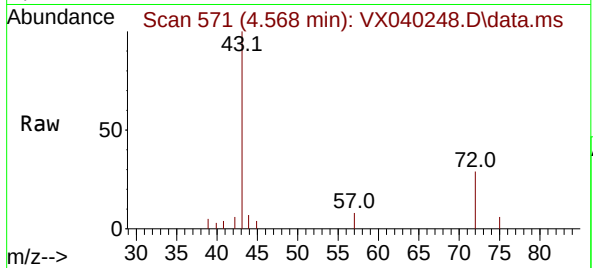




#25
2-Butanone
Concen: 9.838 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX040248.D
Acq: 15 Feb 2024 13:42

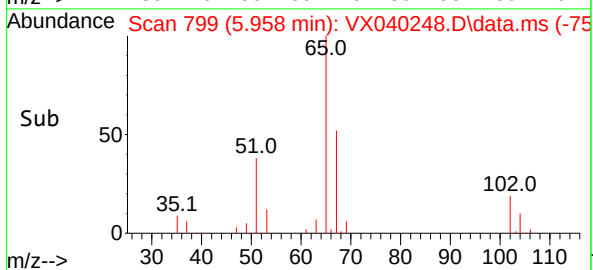
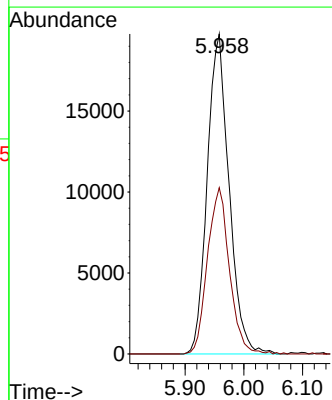
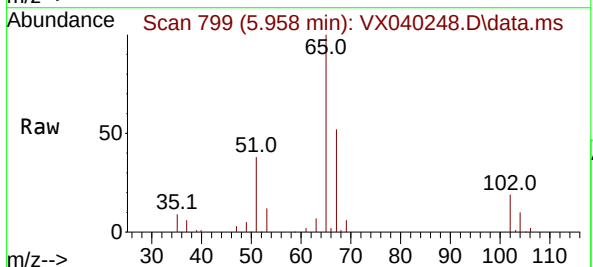
Instrument :
MSVOA_X
ClientSampleId :
1285

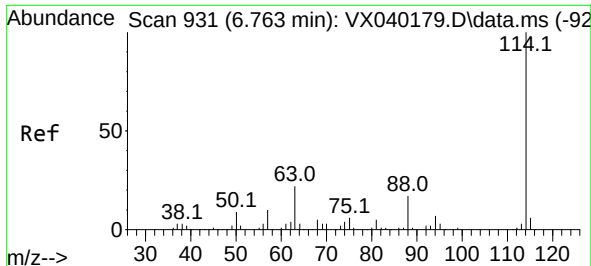
Tgt Ion: 43 Resp: 7223
Ion Ratio Lower Upper
43 100
72 29.3 19.4 29.2#



#33
1,2-Dichloroethane-d4
Concen: 44.507 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040248.D
Acq: 15 Feb 2024 13:42

Tgt Ion: 65 Resp: 50902
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

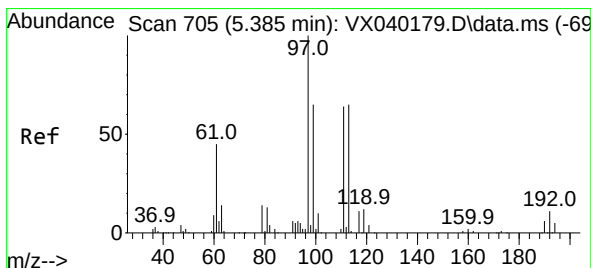
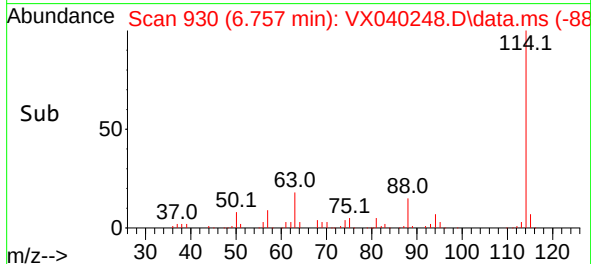
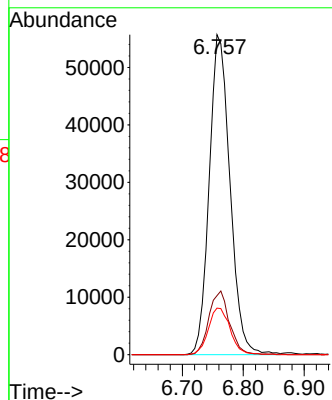
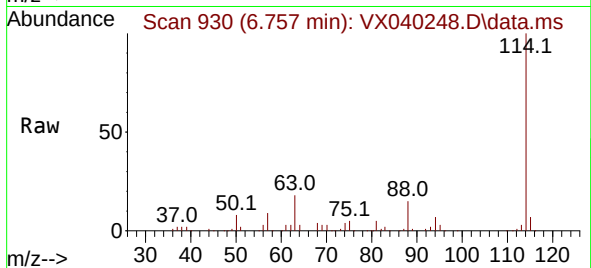




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040248.D
Acq: 15 Feb 2024 13:42

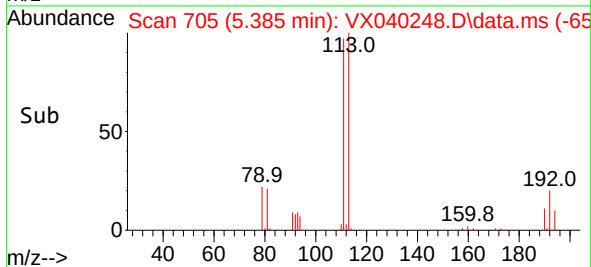
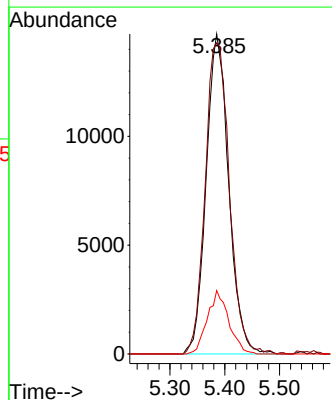
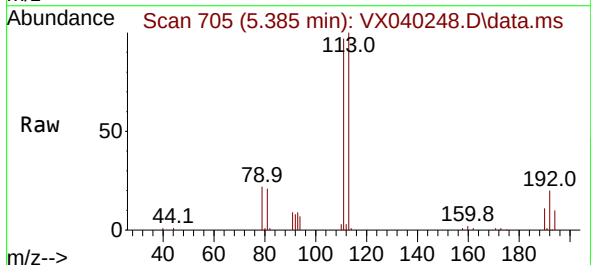
Instrument :
MSVOA_X
ClientSampleId :
1285

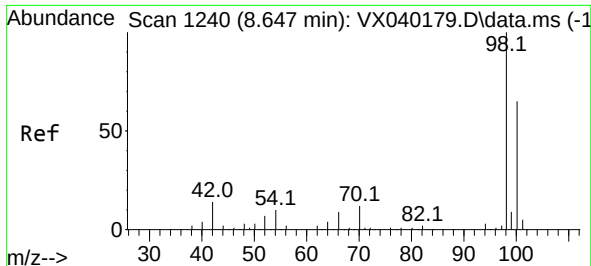
Tgt Ion:114 Resp: 131947
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 14.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.544 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040248.D
Acq: 15 Feb 2024 13:42

Tgt Ion:113 Resp: 41966
Ion Ratio Lower Upper
113 100
111 104.5 82.9 124.3
192 18.8 13.3 19.9





#50

Toluene-d8

Concen: 45.997 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040248.D

Acq: 15 Feb 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :

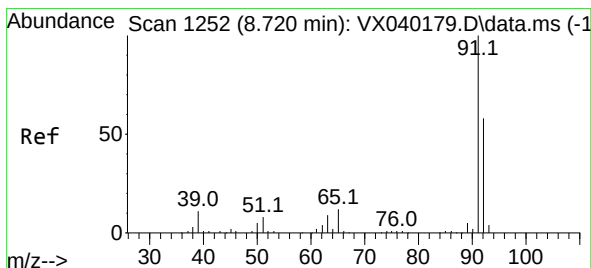
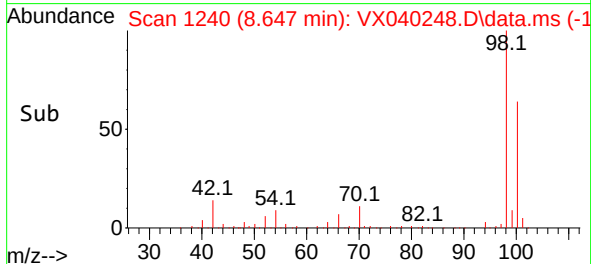
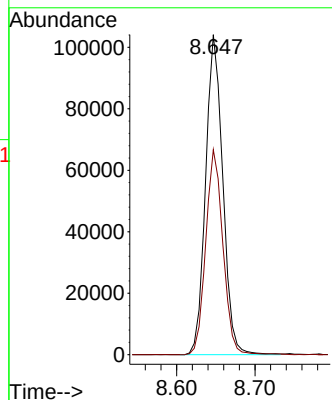
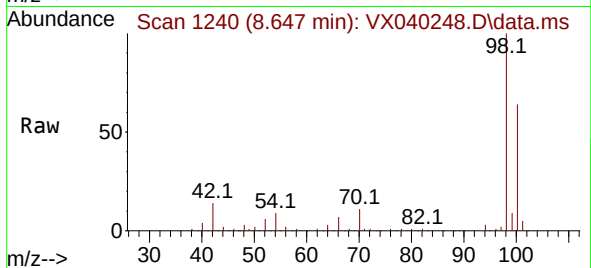
1285

Tgt Ion: 98 Resp: 158546

Ion Ratio Lower Upper

98 100

100 64.1 53.1 79.7



#52

Toluene

Concen: 0.598 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX040248.D

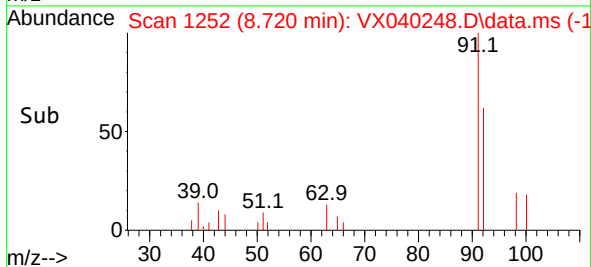
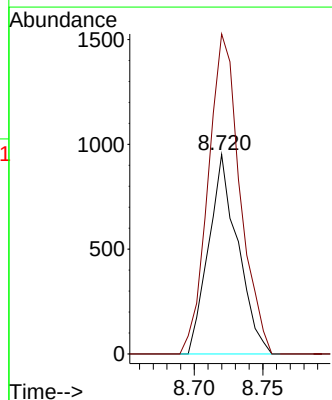
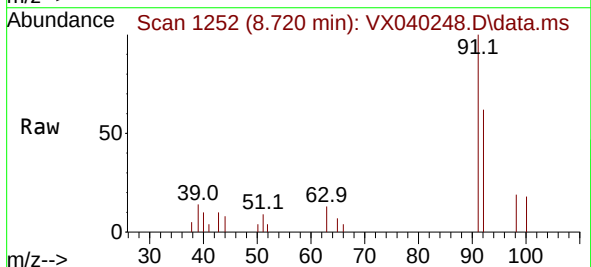
Acq: 15 Feb 2024 13:42

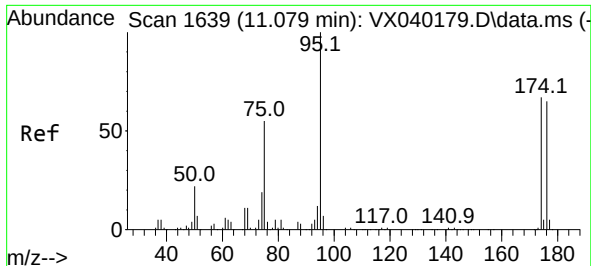
Tgt Ion: 92 Resp: 1413

Ion Ratio Lower Upper

92 100

91 174.9 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 46.191 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040248.D

Acq: 15 Feb 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :

1285

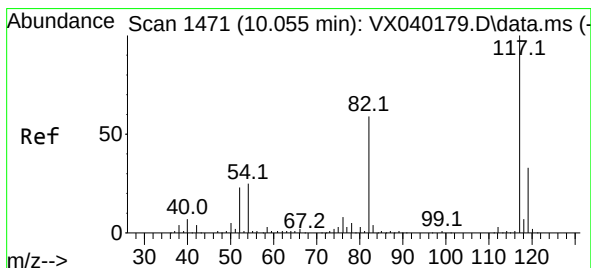
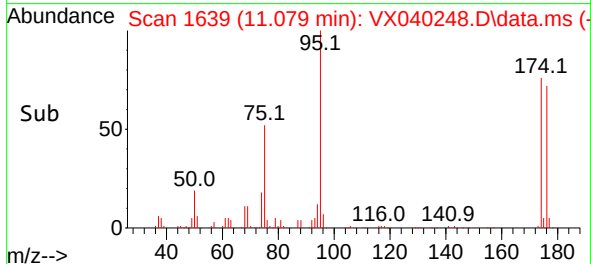
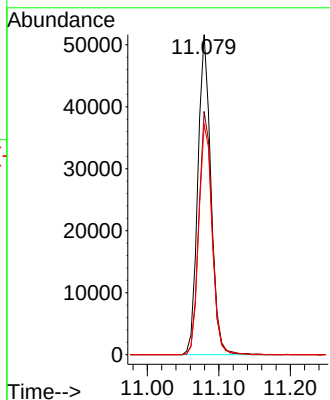
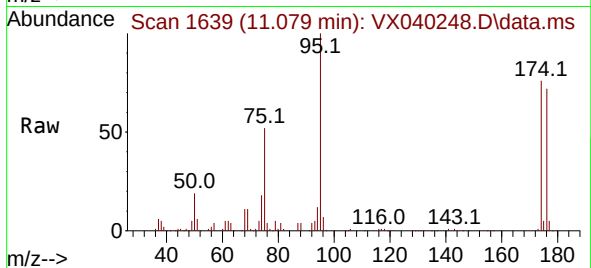
Tgt Ion: 95 Resp: 64934

Ion Ratio Lower Upper

95 100

174 77.8 0.0 135.6

176 74.0 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX040248.D

Acq: 15 Feb 2024 13:42

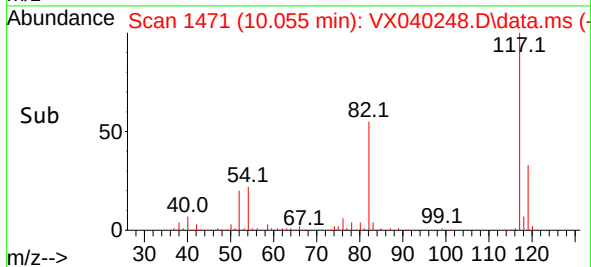
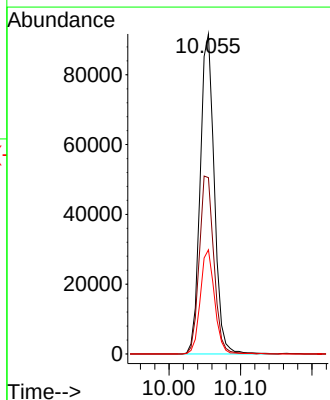
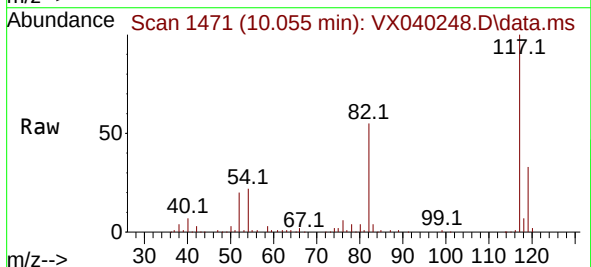
Tgt Ion: 117 Resp: 125646

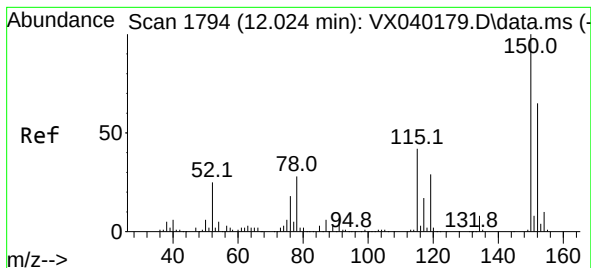
Ion Ratio Lower Upper

117 100

82 55.1 46.2 69.4

119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040248.D

Acq: 15 Feb 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :

1285

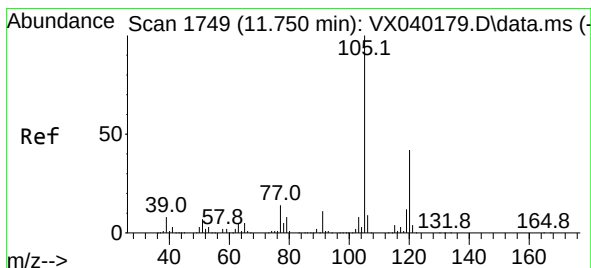
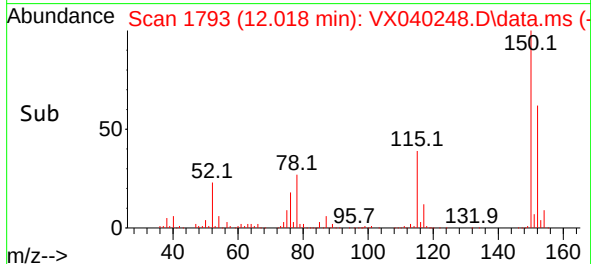
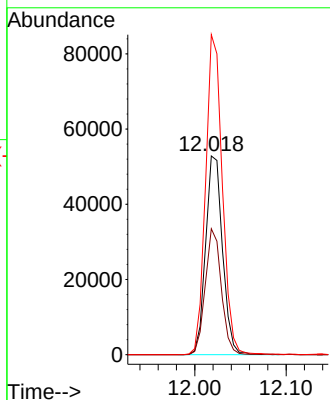
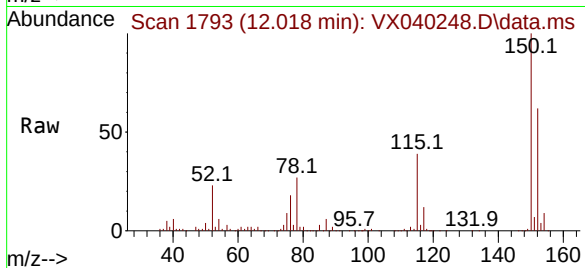
Tgt Ion:152 Resp: 67748

Ion Ratio Lower Upper

152 100

115 60.3 43.3 129.9

150 159.4 0.0 345.0



#84

1,2,4-Trimethylbenzene

Concen: 0.418 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX040248.D

Acq: 15 Feb 2024 13:42

Tgt Ion:105 Resp: 1700

Ion Ratio Lower Upper

105 100

120 42.8 21.2 63.6

