

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020124\
 Data File : VX040064.D
 Acq On : 01 Feb 2024 12:30
 Operator : JC/MD
 Sample : P1284-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1247

Quant Time: Feb 02 01:38:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

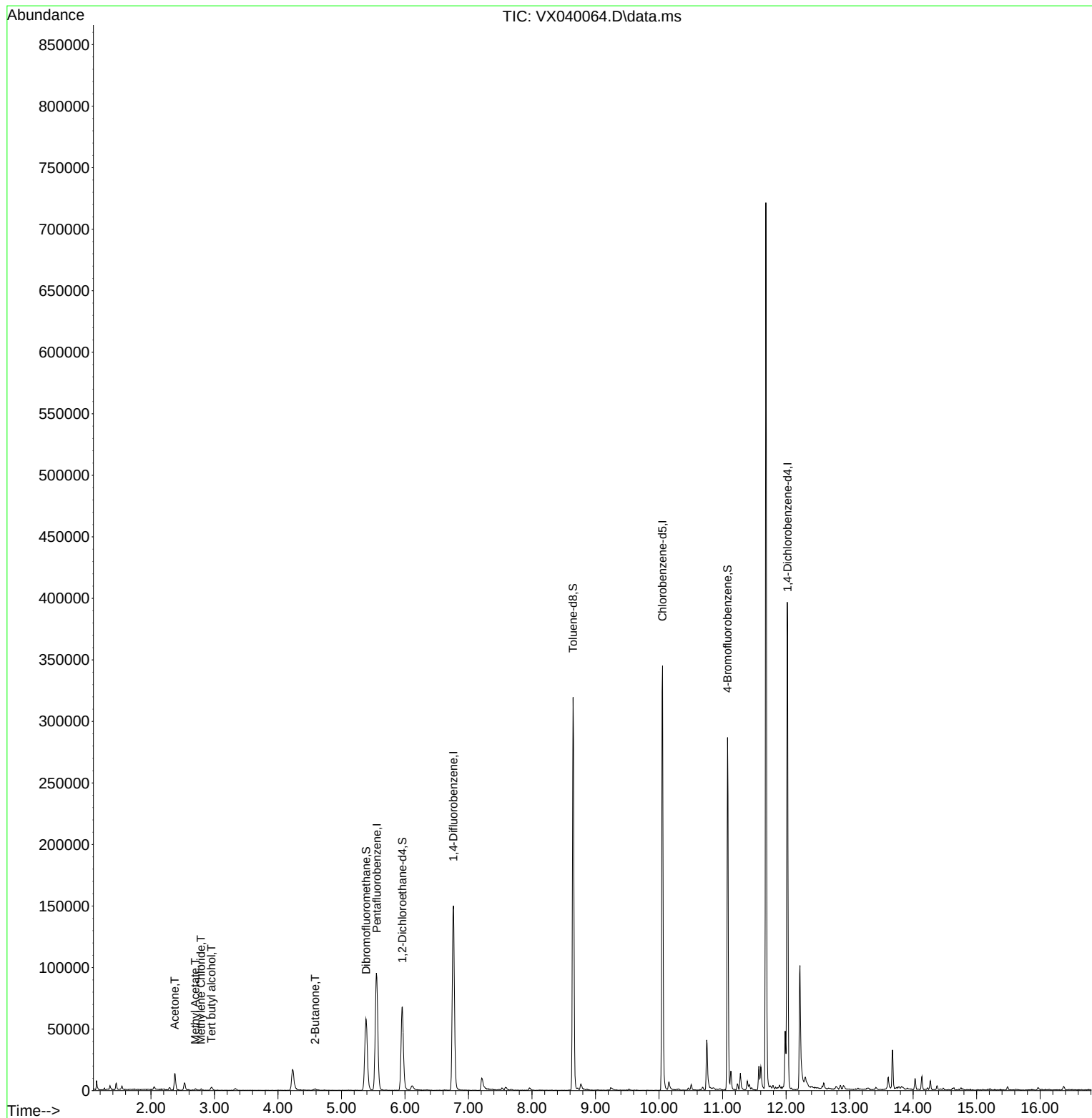
Internal Standards						
1) Pentafluorobenzene	5.556	168	86480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	151597	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63244	45.441	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.880%
35) Dibromofluoromethane	5.385	113	50486	48.922	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.840%
50) Toluene-d8	8.647	98	186602	48.351	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.700%
62) 4-Bromofluorobenzene	11.079	95	75496	50.804	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.600%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	2655	10.513	ug/l #	96
16) Acetone	2.373	43	14535	22.289	ug/l	94
18) Methyl Acetate	2.696	43	1682	1.089	ug/l #	86
20) Methylene Chloride	2.788	84	512	0.442	ug/l #	68
25) 2-Butanone	4.586	43	2213	2.441	ug/l	91

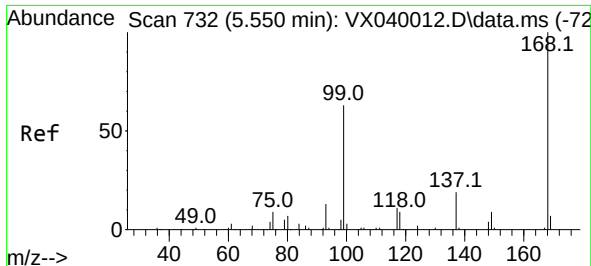
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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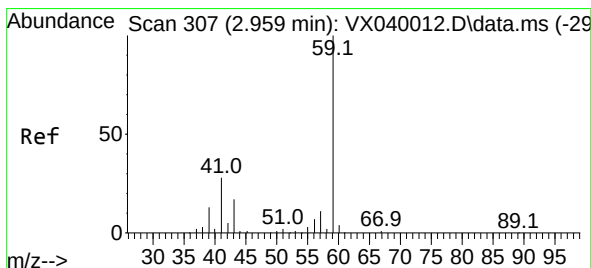
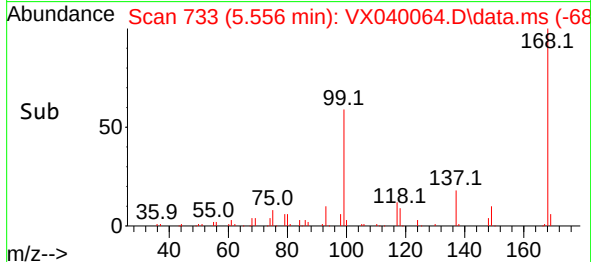
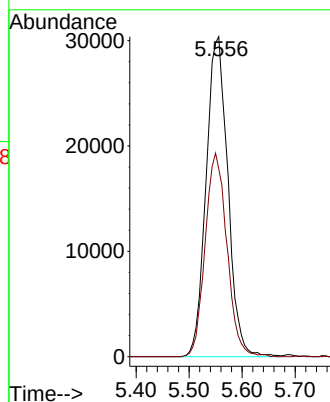
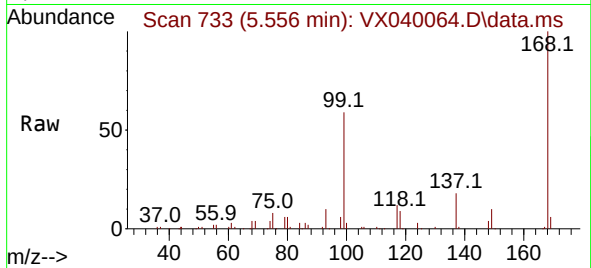




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

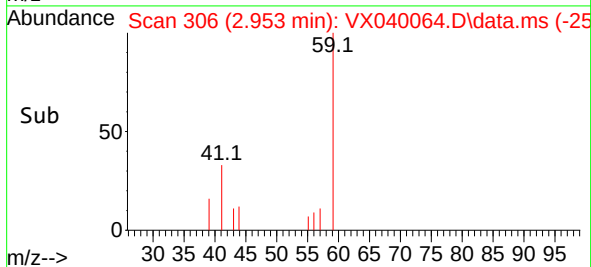
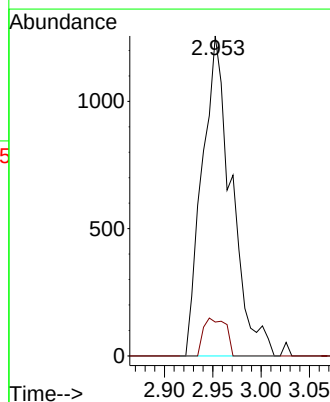
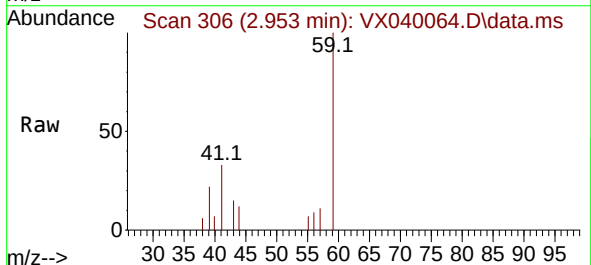
Instrument :
MSVOA_X
ClientSampleId :
1247

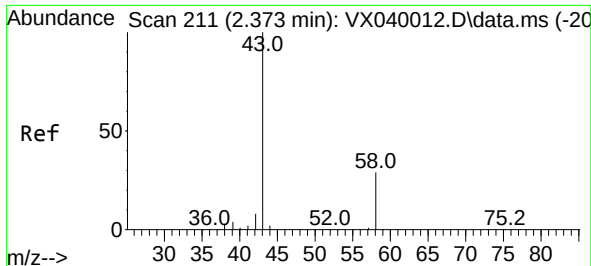
Tgt Ion:168 Resp: 86480
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 10.513 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

Tgt Ion: 59 Resp: 2655
Ion Ratio Lower Upper
59 100
57 9.0 6.0 9.0#

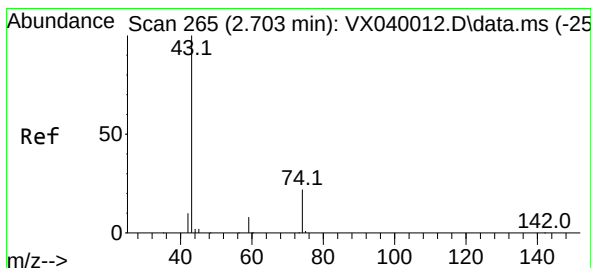
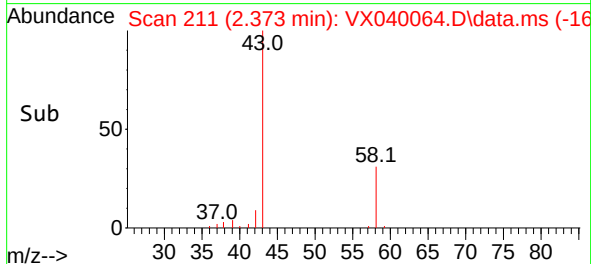
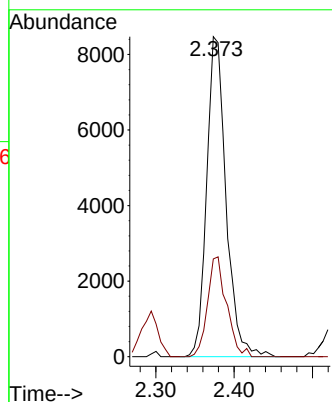
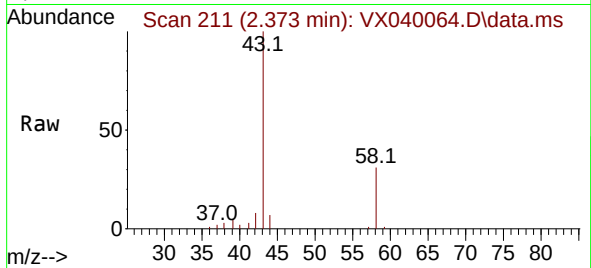




#16
Acetone
Concen: 22.289 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

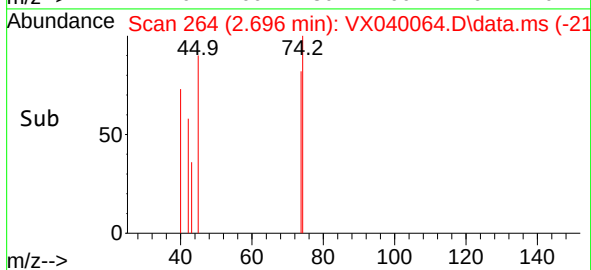
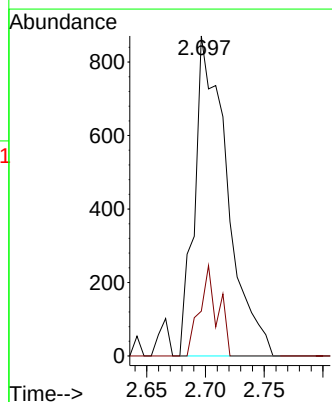
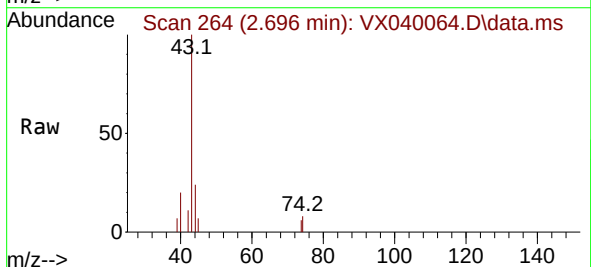
Instrument :
MSVOA_X
ClientSampleId :
1247

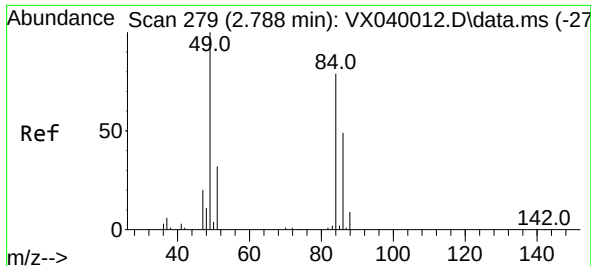
Tgt Ion: 43 Resp: 14535
Ion Ratio Lower Upper
43 100
58 30.5 21.9 32.9



#18
Methyl Acetate
Concen: 1.089 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

Tgt Ion: 43 Resp: 1682
Ion Ratio Lower Upper
43 100
74 15.6 17.8 26.8#

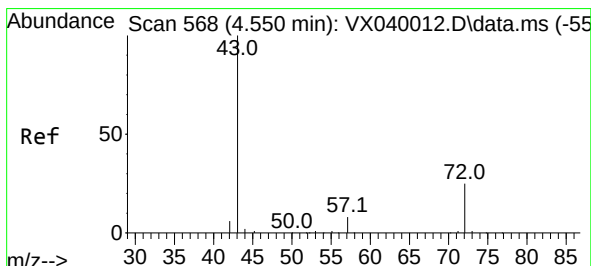
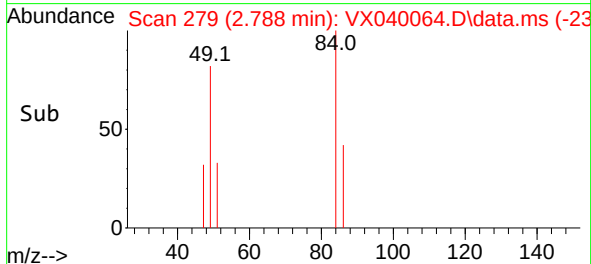
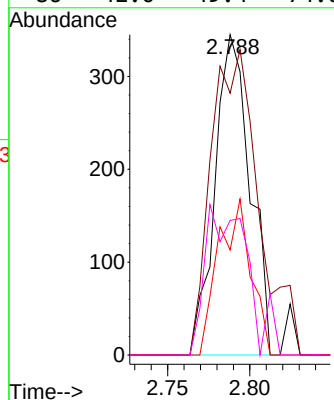
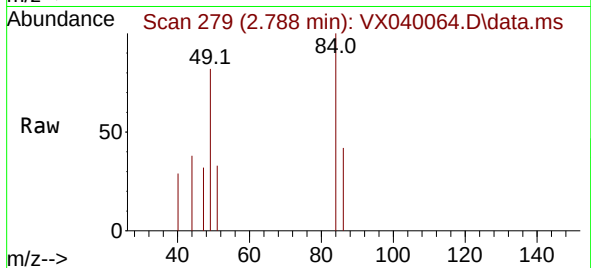




#20
Methylene Chloride
Concen: 0.442 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

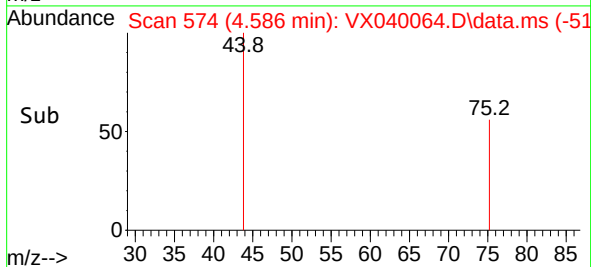
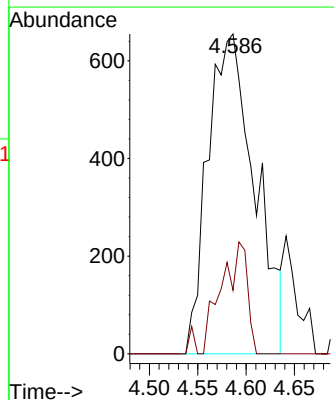
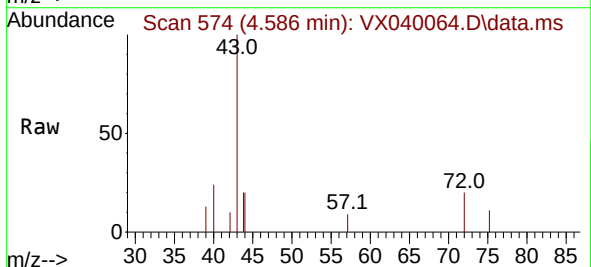
Instrument :
MSVOA_X
ClientSampleId :
1247

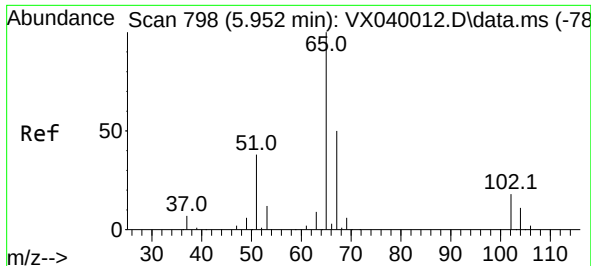
Tgt Ion:	84	Resp:	512
Ion	Ratio	Lower	Upper
84	100		
49	81.7	103.6	155.4#
51	32.8	33.8	50.6#
86	42.0	49.4	74.0#



#25
2-Butanone
Concen: 2.441 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.036 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

Tgt Ion:	43	Resp:	2213
Ion	Ratio	Lower	Upper
43	100		
72	19.8	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 45.441 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040064.D

Acq: 01 Feb 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

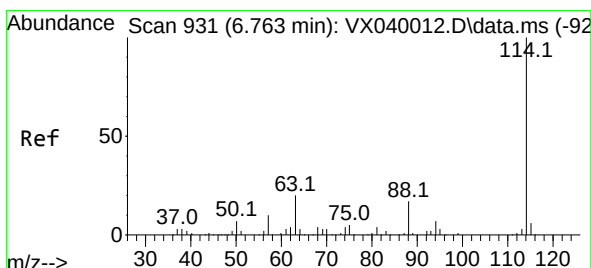
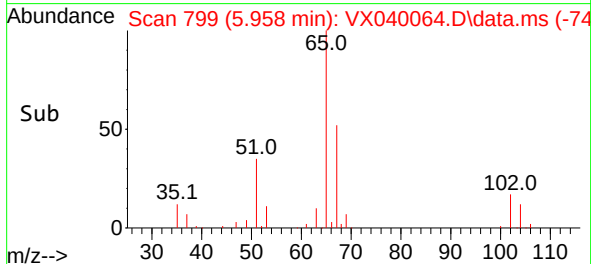
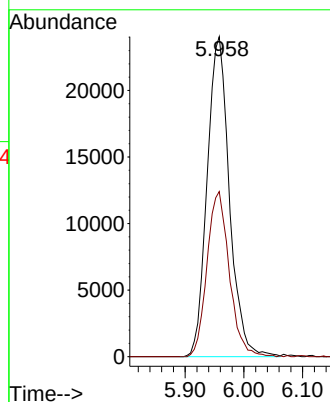
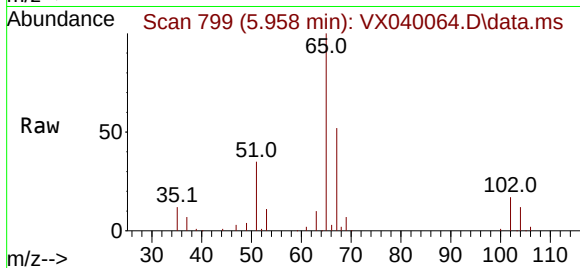
1247

Tgt Ion: 65 Resp: 63244

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040064.D

Acq: 01 Feb 2024 12:30

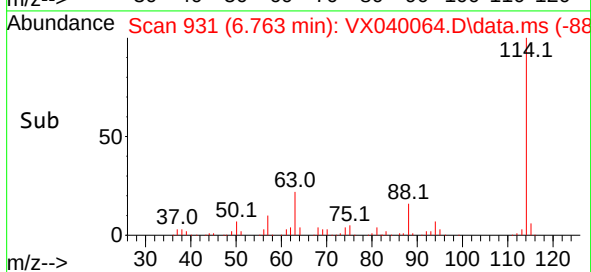
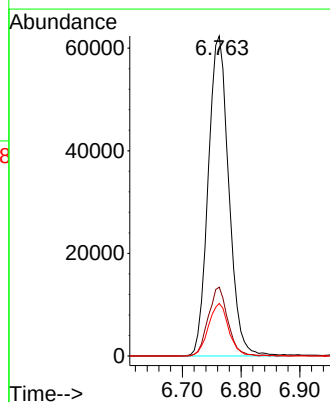
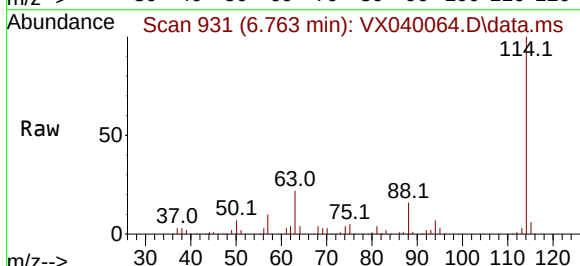
Tgt Ion: 114 Resp: 151597

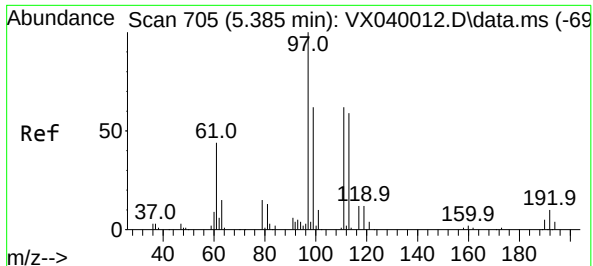
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 16.4 0.0 36.6

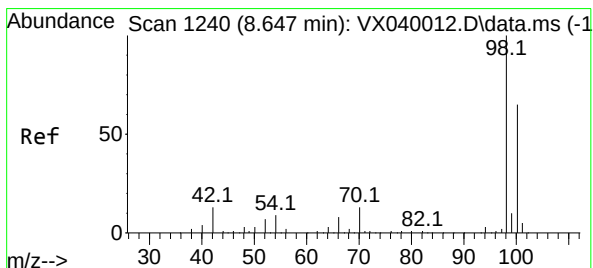
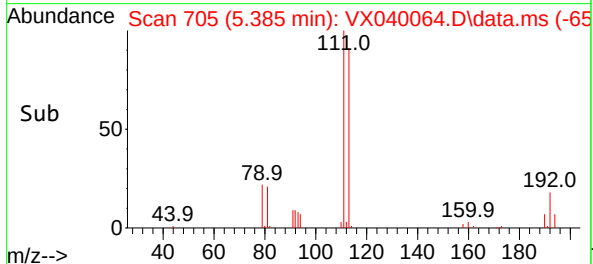
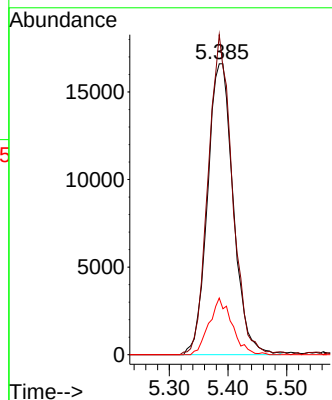
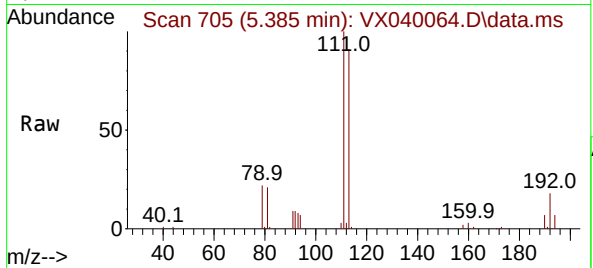




#35
Dibromofluoromethane
Concen: 48.922 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

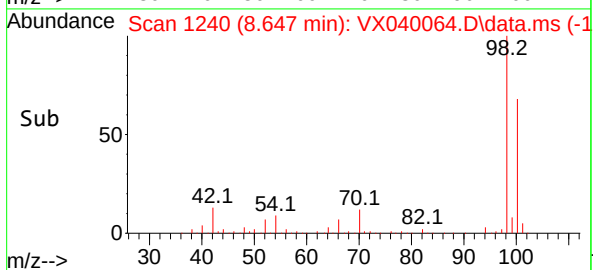
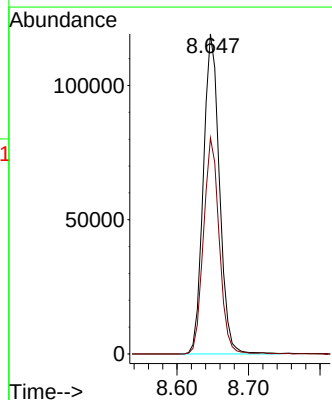
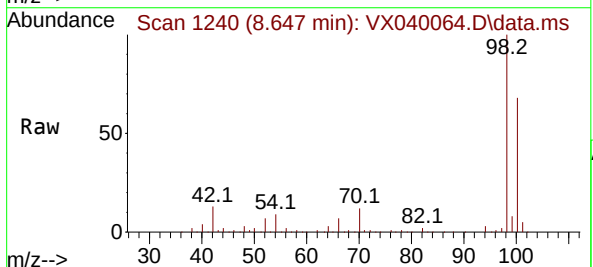
Instrument :
MSVOA_X
ClientSampleId :
1247

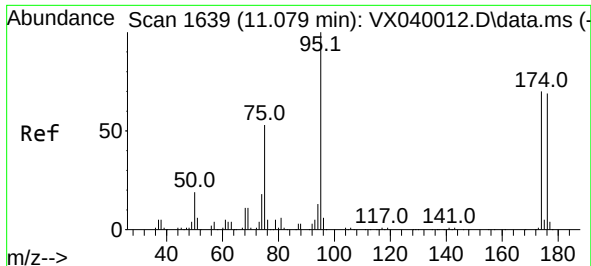
Tgt Ion:113 Resp: 50486
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 17.3 13.3 19.9



#50
Toluene-d8
Concen: 48.351 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

Tgt Ion: 98 Resp: 186602
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.804 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040064.D

Acq: 01 Feb 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

1247

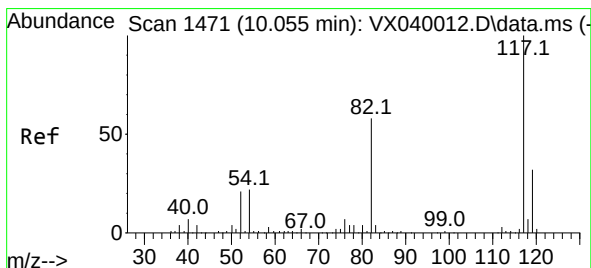
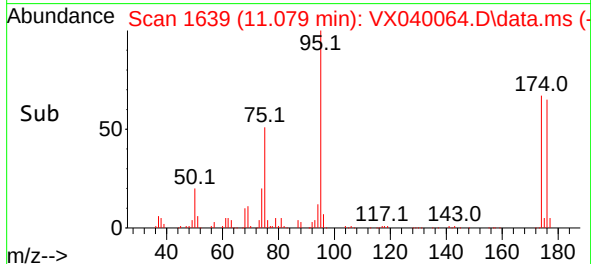
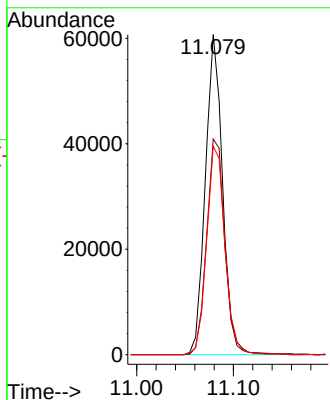
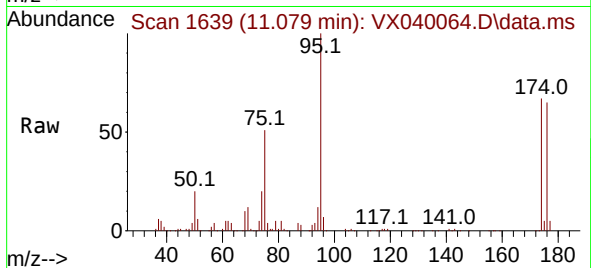
Tgt Ion: 95 Resp: 75496

Ion Ratio Lower Upper

95 100

174 70.6 0.0 135.6

176 69.0 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: VX040064.D

Acq: 01 Feb 2024 12:30

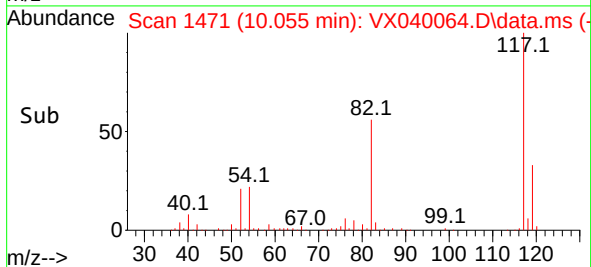
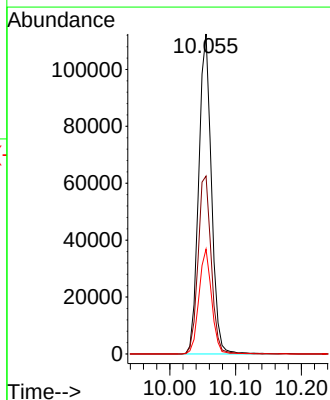
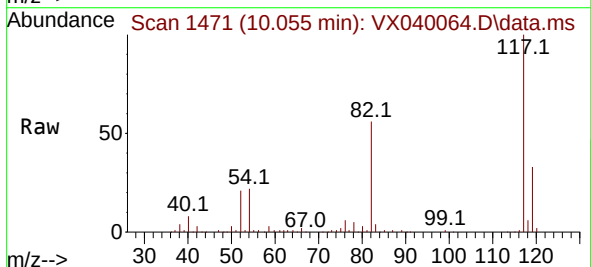
Tgt Ion: 117 Resp: 151214

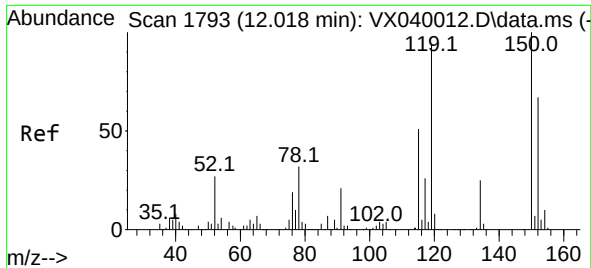
Ion Ratio Lower Upper

117 100

82 55.6 46.2 69.4

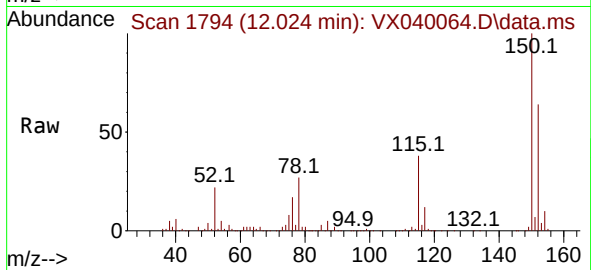
119 32.8 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040064.D
 Acq: 01 Feb 2024 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 1247



Tgt Ion:	152	Resp:	75950
Ion Ratio	Lower	Upper	
152	100		
115	63.2	43.3	129.9
150	159.1	0.0	345.0

