

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020124\
 Data File : VX040063.D
 Acq On : 01 Feb 2024 12:07
 Operator : JC/MD
 Sample : P1284-09 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31913

Quant Time: Feb 02 01:38:29 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)

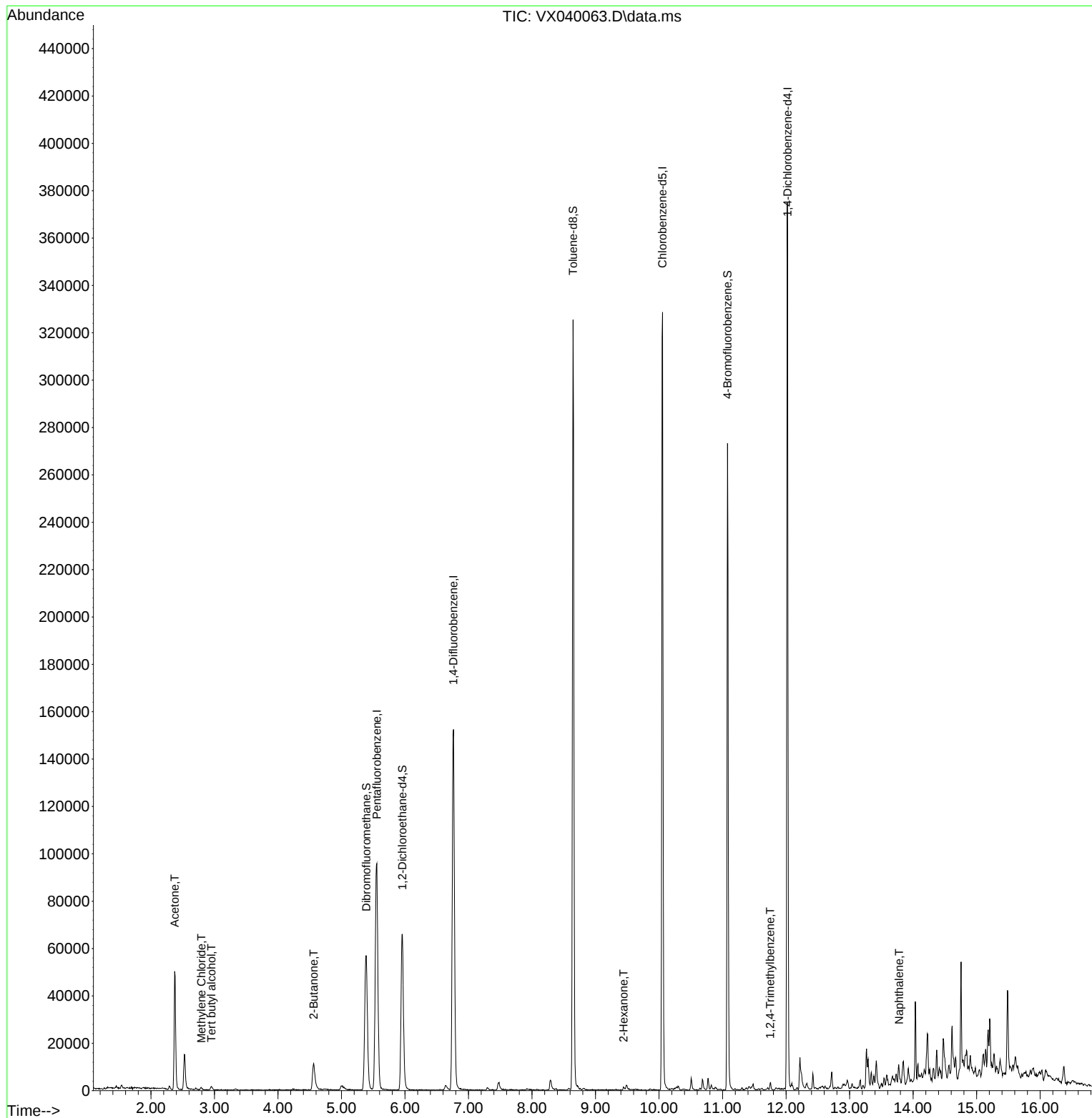
Internal Standards						
1) Pentafluorobenzene	5.556	168	87381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155795	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63263	44.986	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.980%
35) Dibromofluoromethane	5.391	113	50528	47.643	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.280%
50) Toluene-d8	8.647	98	188936	47.637	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.280%
62) 4-Bromofluorobenzene	11.079	95	73050	47.833	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.660%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1724	6.756	ug/l #	95
16) Acetone	2.373	43	51762	78.557	ug/l	93
20) Methylene Chloride	2.794	84	466	0.398	ug/l	97
25) 2-Butanone	4.562	43	19269	21.037	ug/l	95
59) 2-Hexanone	9.439	43	894	0.622	ug/l	87
84) 1,2,4-Trimethylbenzene	11.750	105	1808	0.397	ug/l	96
95) Naphthalene	13.780	128	3940	0.778	ug/l #	93

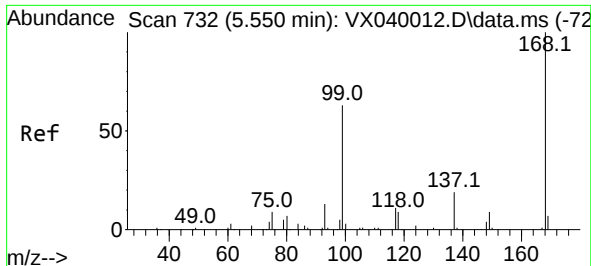
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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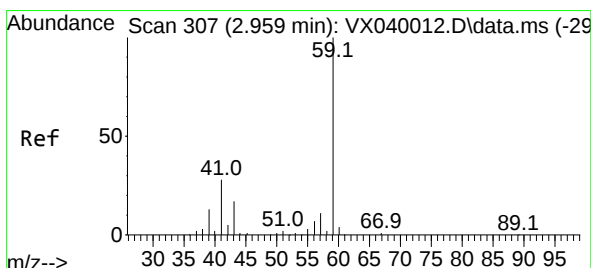
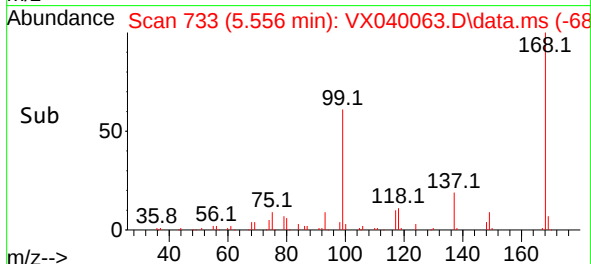
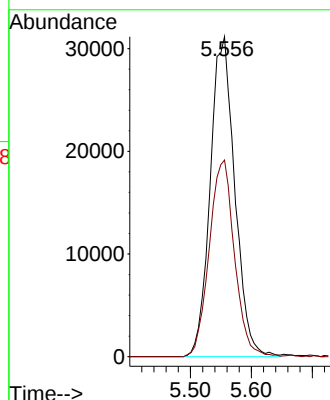
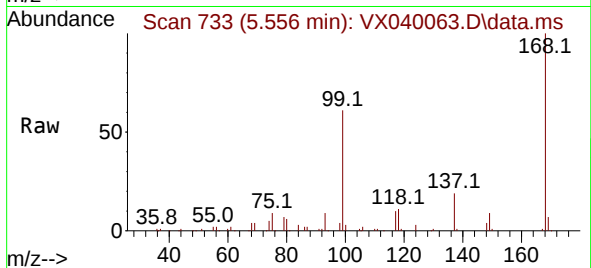




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040063.D
Acq: 01 Feb 2024 12:07

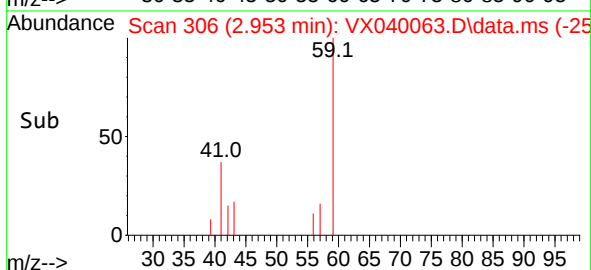
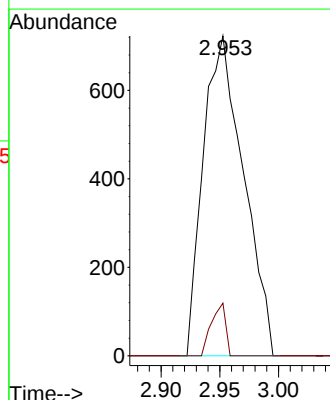
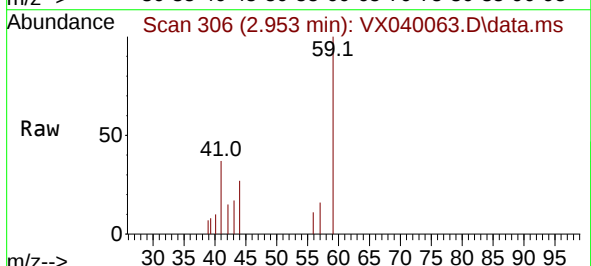
Instrument :
MSVOA_X
ClientSampleId :
31913

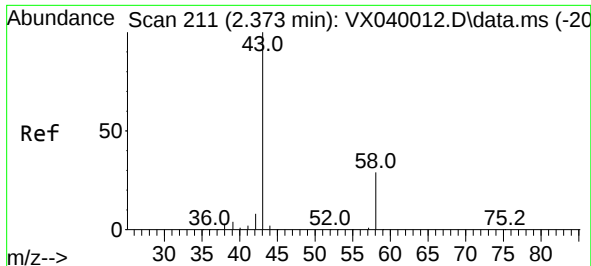
Tgt Ion:168 Resp: 87381
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 6.756 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX040063.D
Acq: 01 Feb 2024 12:07

Tgt Ion: 59 Resp: 1724
Ion Ratio Lower Upper
59 100
57 5.8 6.0 9.0#

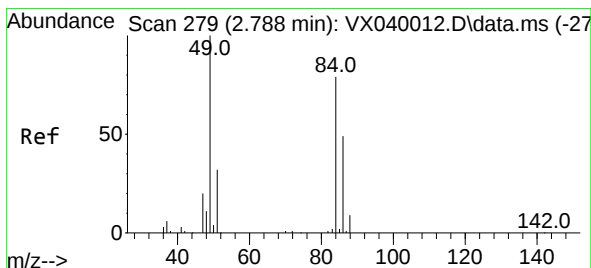
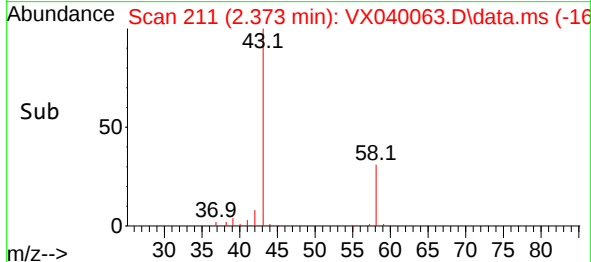
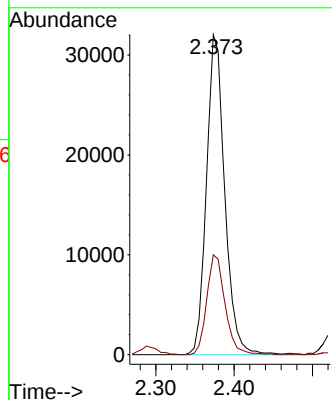
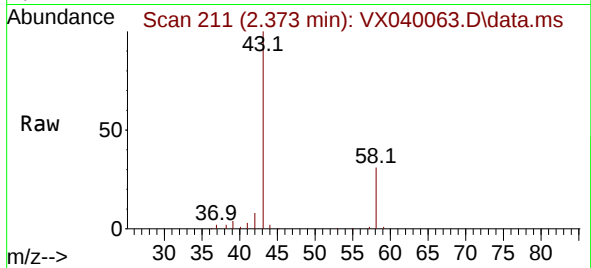




#16
Acetone
Concen: 78.557 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040063.D
Acq: 01 Feb 2024 12:07

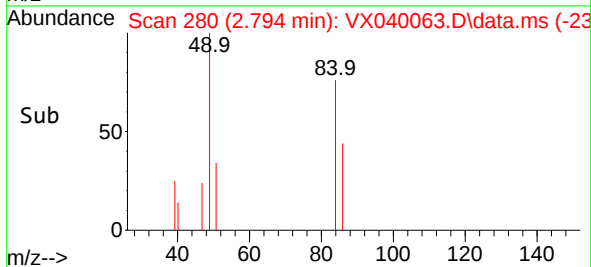
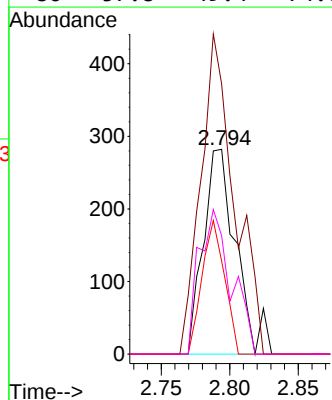
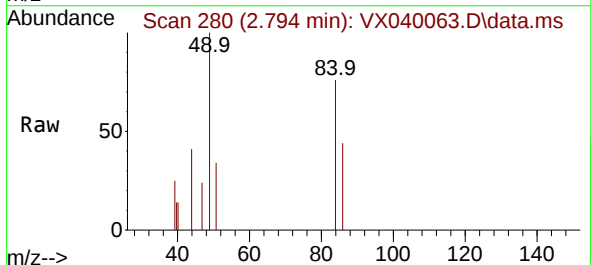
Instrument :
MSVOA_X
ClientSampleId :
31913

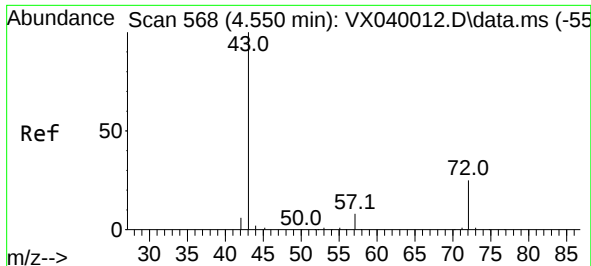
Tgt Ion: 43 Resp: 51762
Ion Ratio Lower Upper
43 100
58 31.2 21.9 32.9



#20
Methylene Chloride
Concen: 0.398 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040063.D
Acq: 01 Feb 2024 12:07

Tgt Ion: 84 Resp: 466
Ion Ratio Lower Upper
84 100
49 131.9 103.6 155.4
51 45.4 33.8 50.6
86 57.8 49.4 74.0





#25

2-Butanone

Concen: 21.037 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX040063.D

Acq: 01 Feb 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

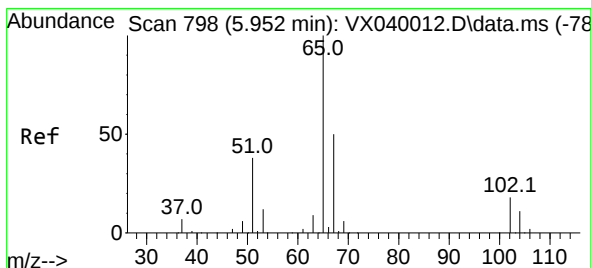
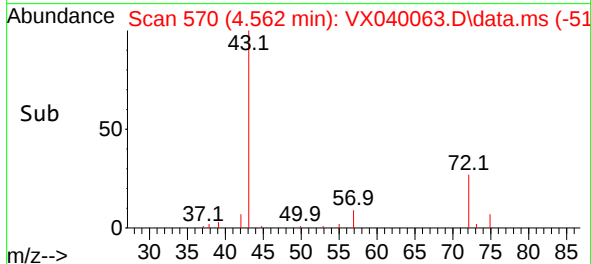
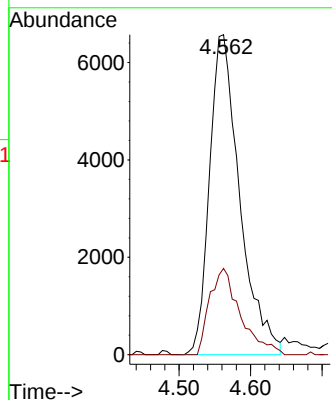
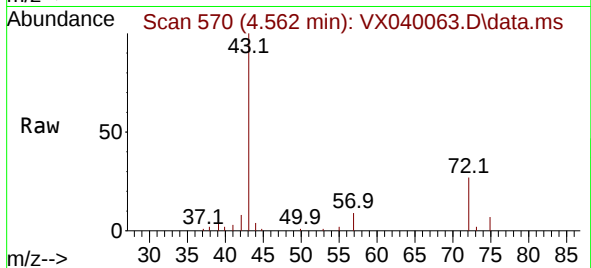
31913

Tgt Ion: 43 Resp: 19269

Ion Ratio Lower Upper

43 100

72 27.0 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 44.986 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX040063.D

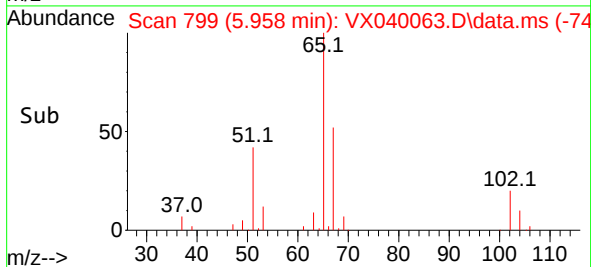
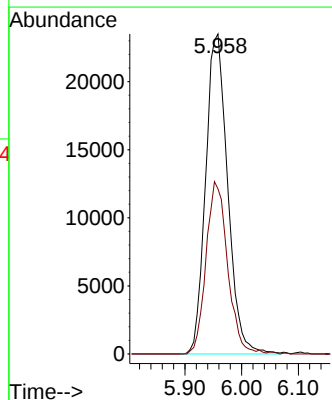
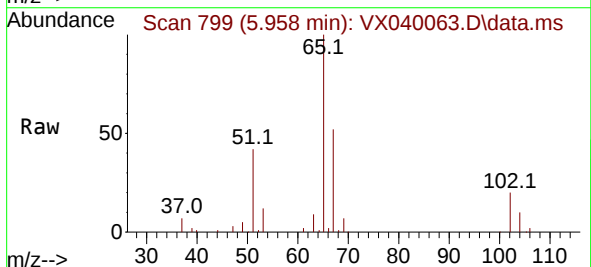
Acq: 01 Feb 2024 12:07

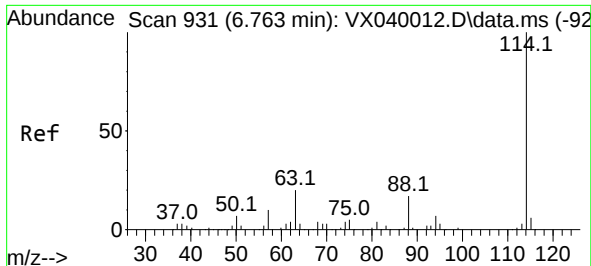
Tgt Ion: 65 Resp: 63263

Ion Ratio Lower Upper

65 100

67 52.8 0.0 100.2

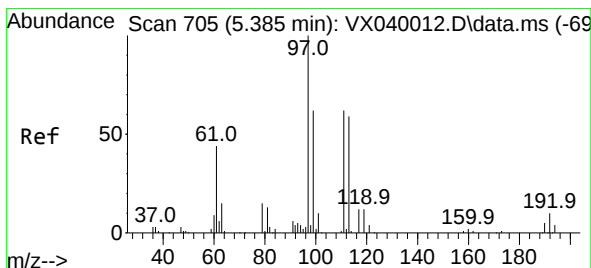
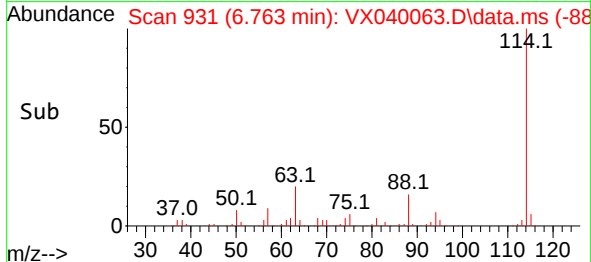
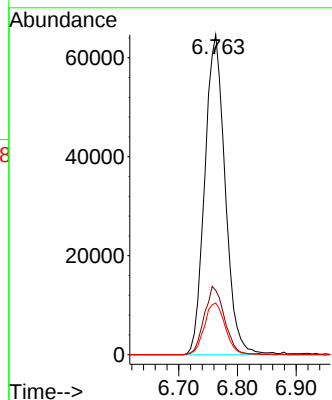
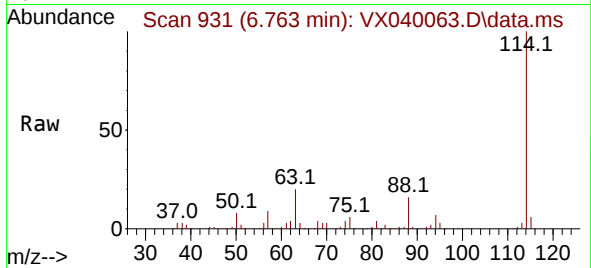




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040063.D
Acq: 01 Feb 2024 12:07

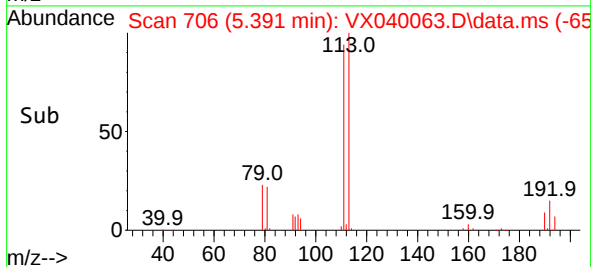
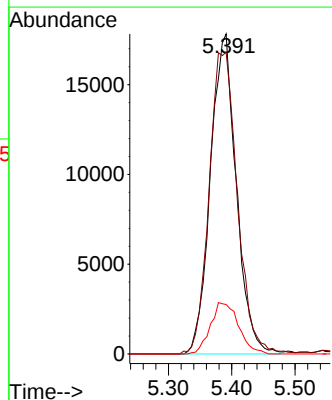
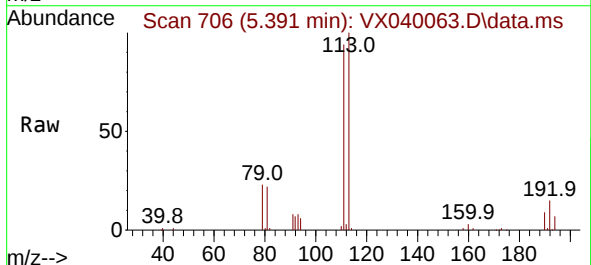
Instrument :
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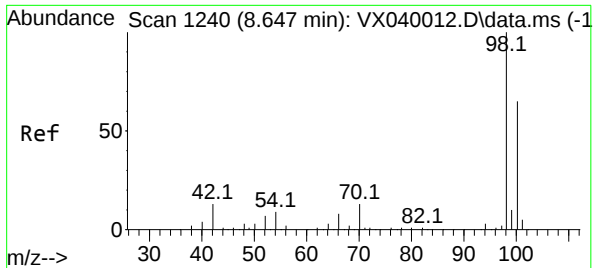
Tgt Ion:114 Resp: 155795
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.643 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040063.D
Acq: 01 Feb 2024 12:07

Tgt Ion:113 Resp: 50528
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 17.4 13.3 19.9

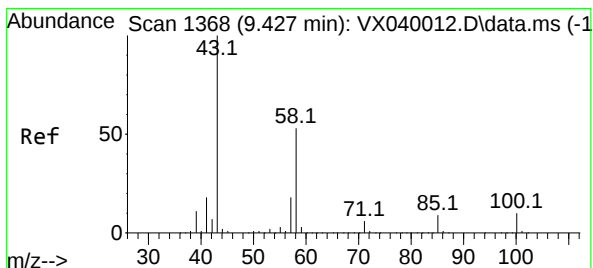
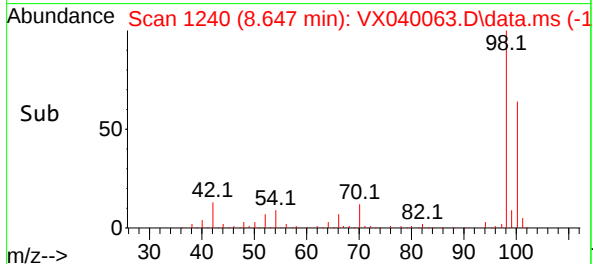
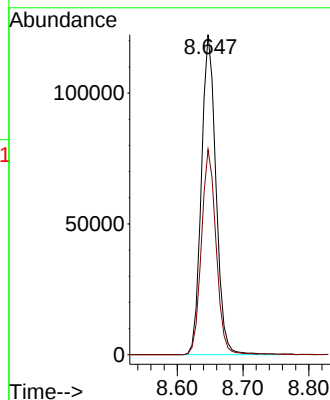
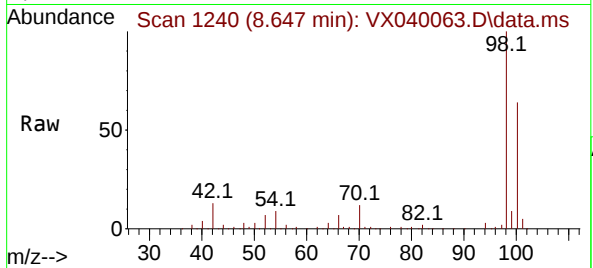




#50
Toluene-d8
Concen: 47.637 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040063.D
Acq: 01 Feb 2024 12:07

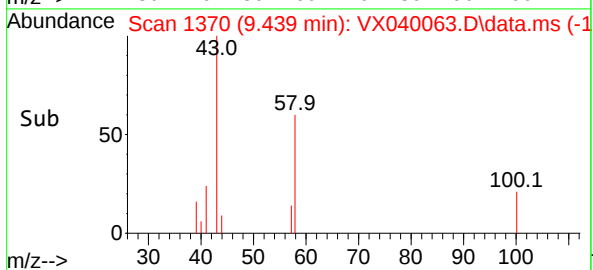
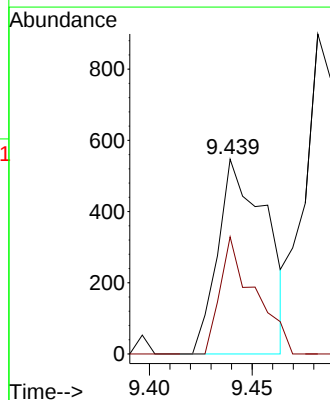
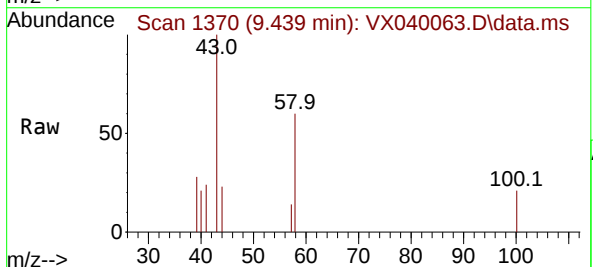
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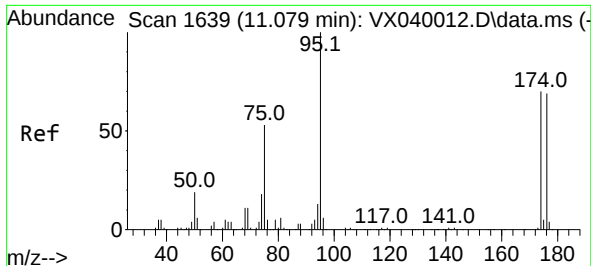
Tgt Ion: 98 Resp: 188936
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#59
2-Hexanone
Concen: 0.622 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX040063.D
Acq: 01 Feb 2024 12:07

Tgt Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
58 43.3 26.2 78.5

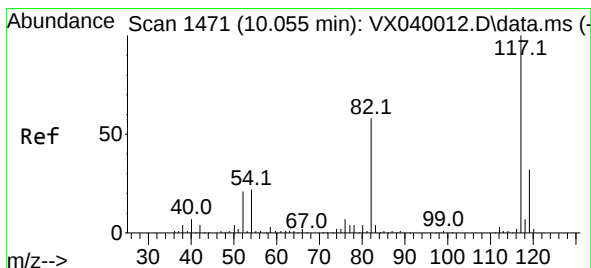
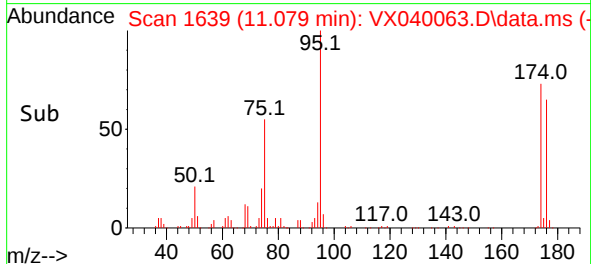
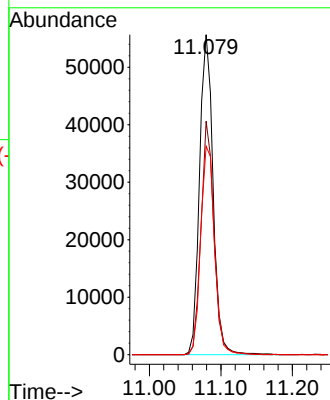
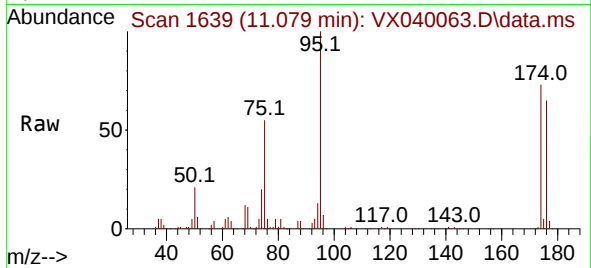




#62
4-Bromofluorobenzene
Concen: 47.833 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040063.D
Acq: 01 Feb 2024 12:07

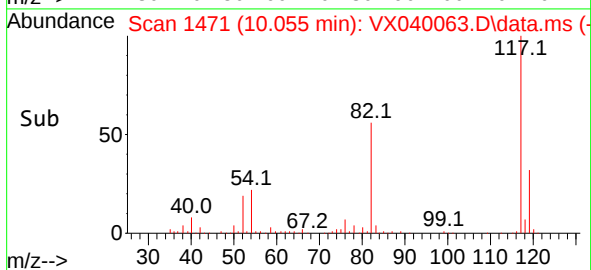
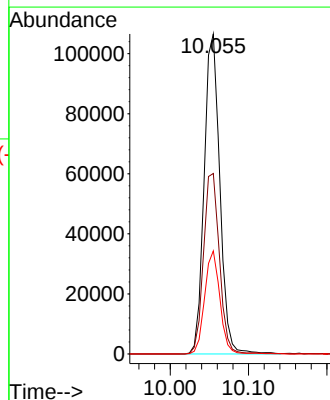
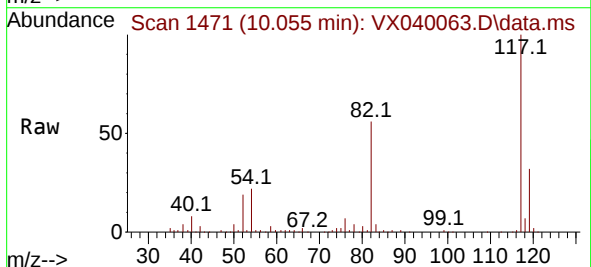
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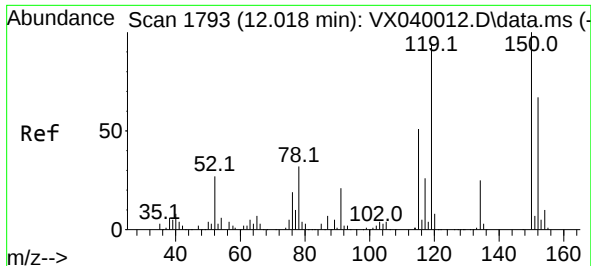
Tgt Ion: 95 Resp: 73050
Ion Ratio Lower Upper
95 100
174 70.0 0.0 135.6
176 66.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040063.D
Acq: 01 Feb 2024 12:07

Tgt Ion: 117 Resp: 147888
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.2 25.5 38.3

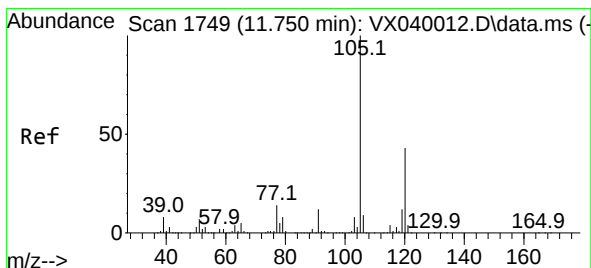
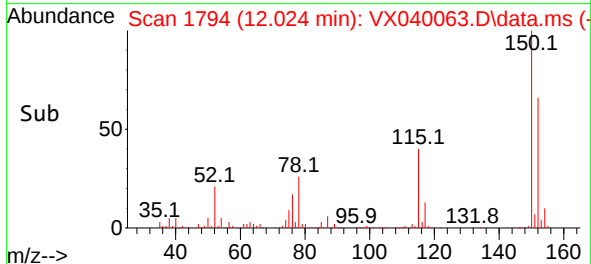
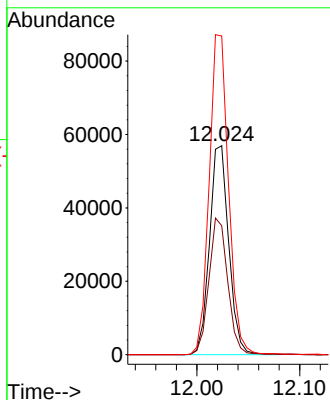
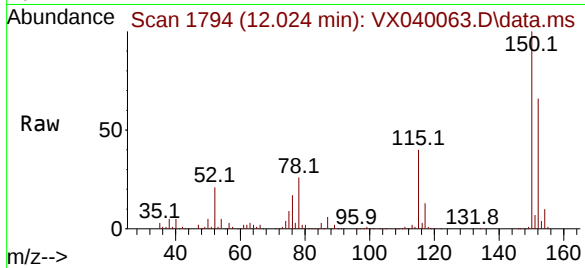




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040063.D
 Acq: 01 Feb 2024 12:07

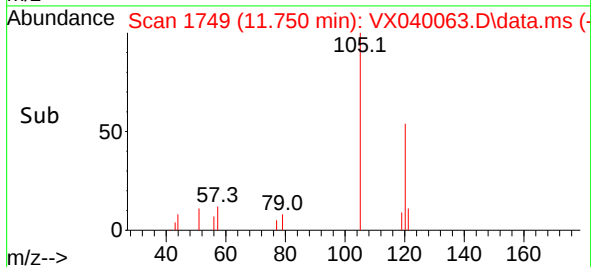
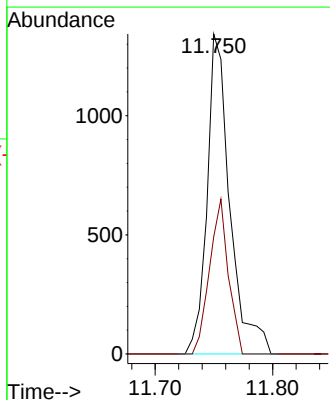
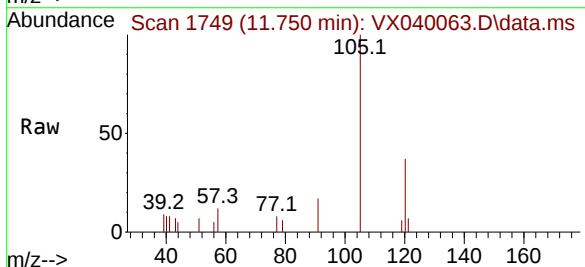
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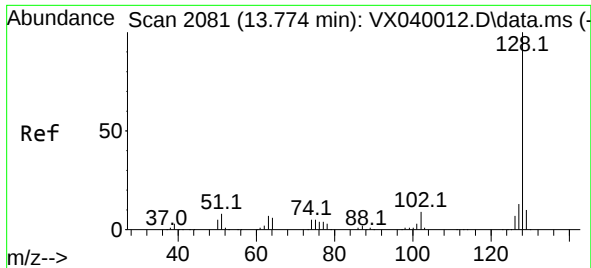
Tgt Ion:152 Resp: 74022
 Ion Ratio Lower Upper
 152 100
 115 64.3 43.3 129.9
 150 154.3 0.0 345.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.397 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX040063.D
 Acq: 01 Feb 2024 12:07

Tgt Ion:105 Resp: 1808
 Ion Ratio Lower Upper
 105 100
 120 39.9 21.2 63.6





#95
Naphthalene
Concen: 0.778 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX040063.D
Acq: 01 Feb 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
31913

Tgt Ion:128 Resp: 3940
Ion Ratio Lower Upper
128 100
127 17.2 10.3 15.5#
129 12.1 8.8 13.2

