

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021223\
 Data File : VX034109.D
 Acq On : 10 Feb 2023 13:09
 Operator : JC/MD
 Sample : 01445-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-26-020323

Quant Time: Feb 10 13:32:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

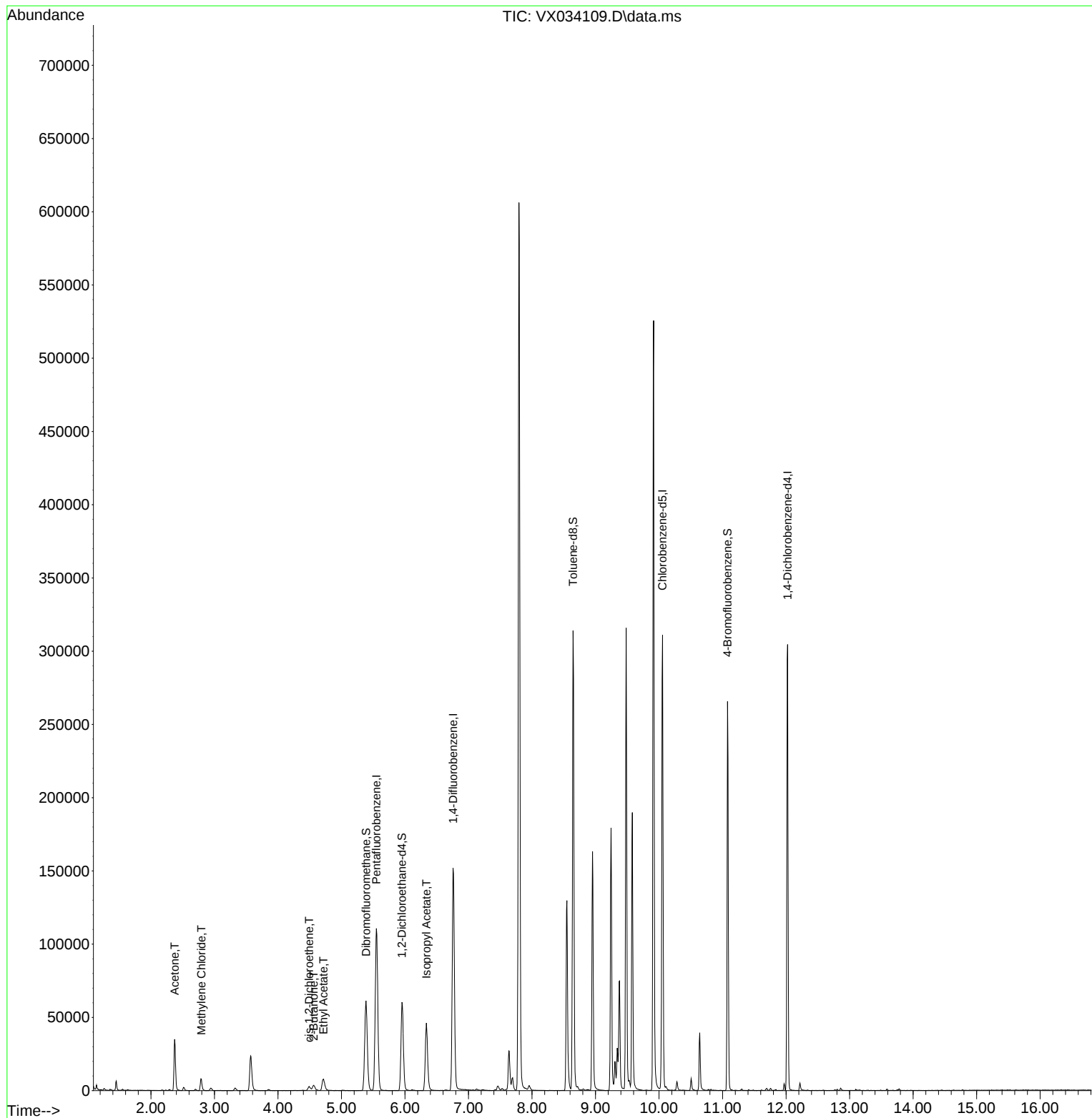
Internal Standards						
1) Pentafluorobenzene	5.550	168	119915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	167164	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59803	51.731	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.460%		
35) Dibromofluoromethane	5.385	113	53141	49.950	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.900%		
50) Toluene-d8	8.647	98	189835	49.525	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.060%		
62) 4-Bromofluorobenzene	11.079	95	67011	48.949	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.900%		
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	37427	76.653	ug/l	96
20) Methylene Chloride	2.794	84	4327	3.874	ug/l	89
25) 2-Butanone	4.562	43	5692	8.006	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	2037	1.656	ug/l	89
37) Ethyl Acetate	4.714	43	14129	10.398	ug/l	98
43) Isopropyl Acetate	6.336	43	61521	29.031	ug/l	98

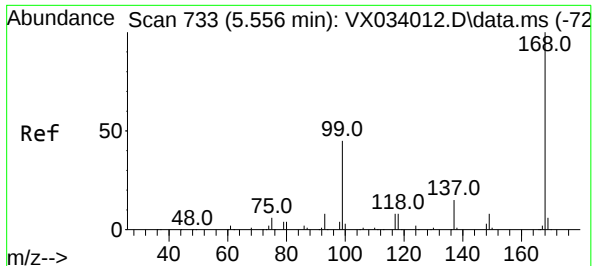
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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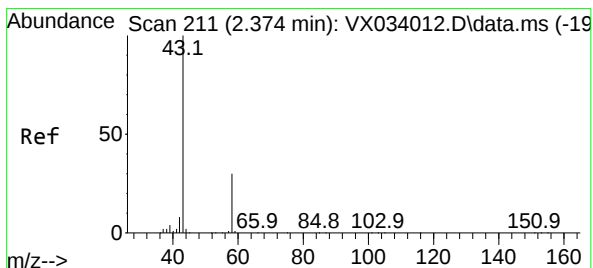
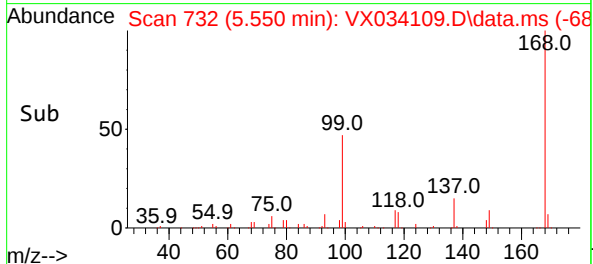
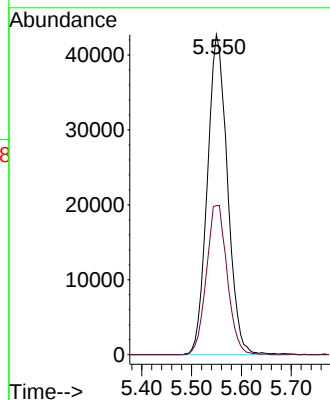
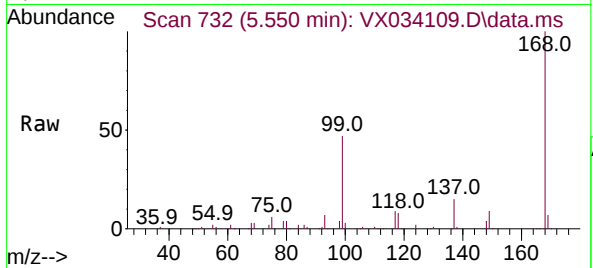




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

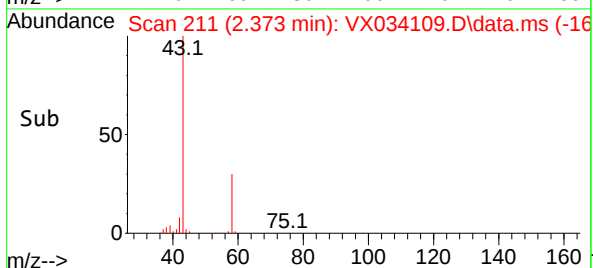
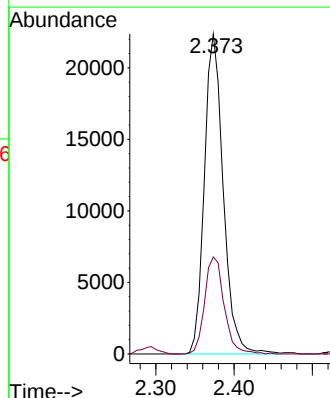
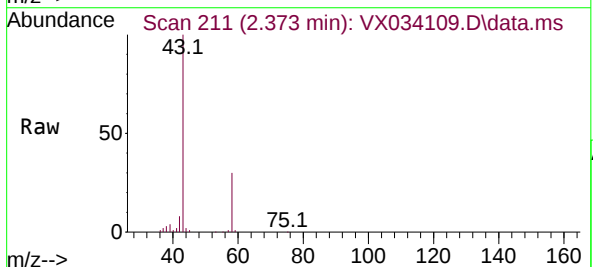
Instrument :
MSVOA_X
ClientSampleId :
JPP-26-020323

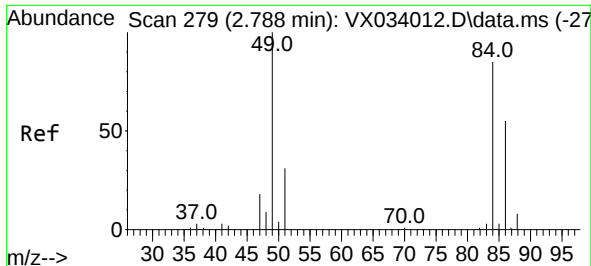
Tgt Ion:168 Resp: 119915
Ion Ratio Lower Upper
168 100
99 46.6 39.6 59.4



#16
Acetone
Concen: 76.653 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

Tgt Ion: 43 Resp: 37427
Ion Ratio Lower Upper
43 100
58 30.3 22.6 33.8





#20

Methylene Chloride

Concen: 3.874 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034109.D

Acq: 10 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

JPP-26-020323

Tgt Ion: 84 Resp: 4327

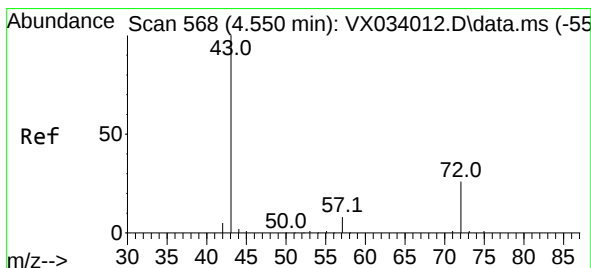
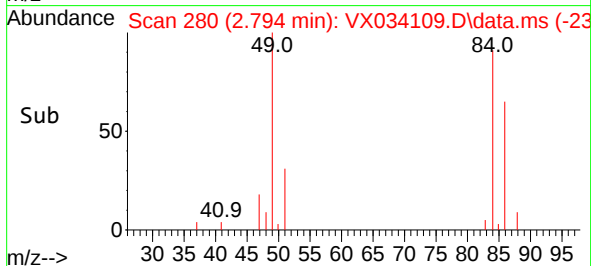
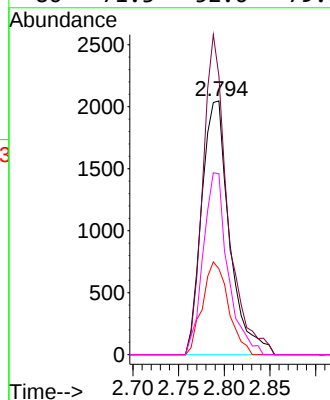
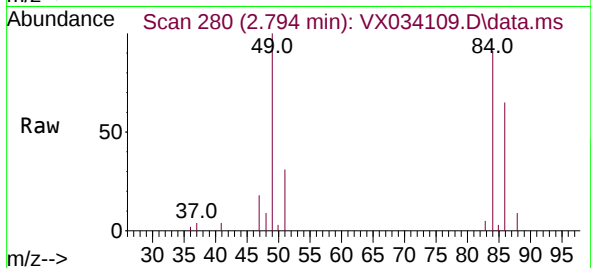
Ion Ratio Lower Upper

84 100

49 109.8 101.1 151.7

51 33.8 31.0 46.6

86 71.3 52.6 79.0



#25

2-Butanone

Concen: 8.006 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.012 min

Lab File: VX034109.D

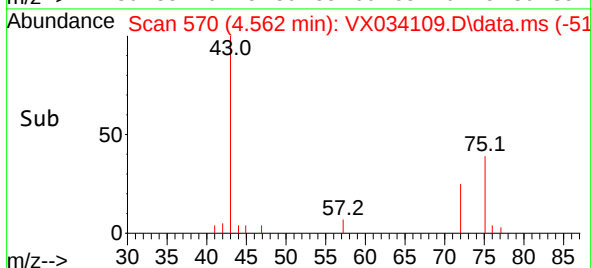
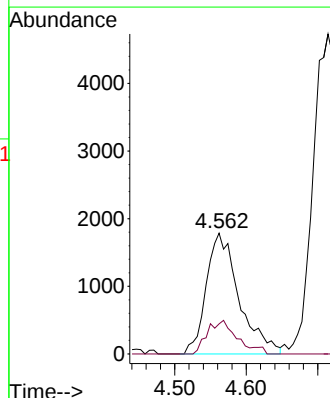
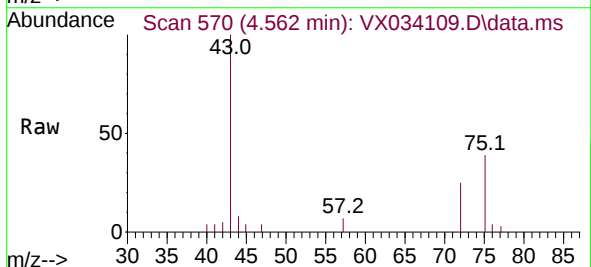
Acq: 10 Feb 2023 13:09

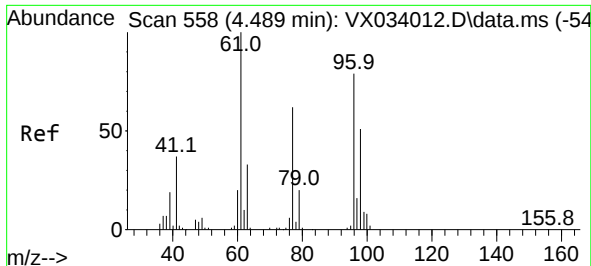
Tgt Ion: 43 Resp: 5692

Ion Ratio Lower Upper

43 100

72 24.9 19.4 29.2





#27

cis-1,2-Dichloroethene

Concen: 1.656 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX034109.D

Acq: 10 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

JPP-26-020323

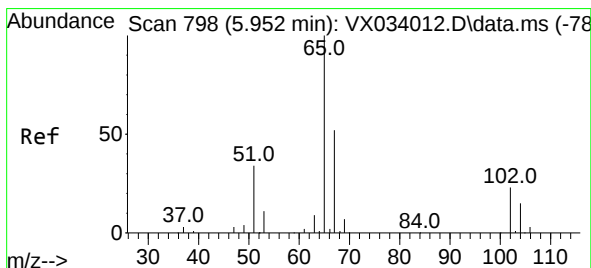
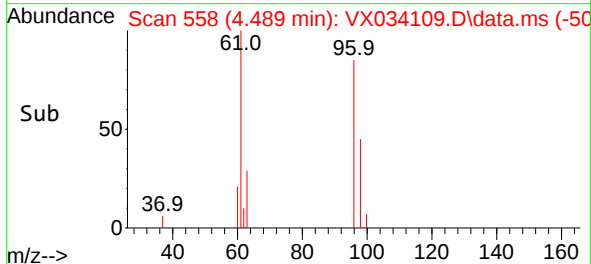
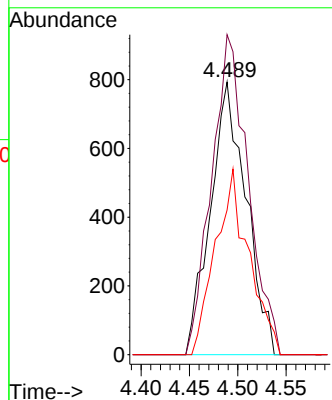
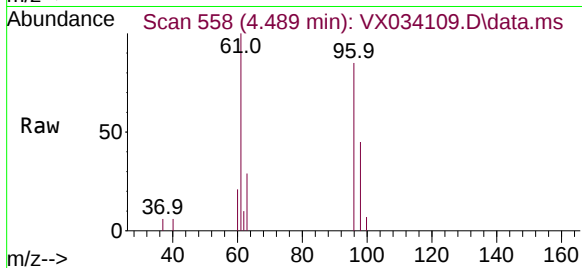
Tgt Ion: 96 Resp: 2037

Ion Ratio Lower Upper

96 100

61 120.1 0.0 277.6

98 63.9 0.0 128.0



#33

1,2-Dichloroethane-d4

Concen: 51.731 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX034109.D

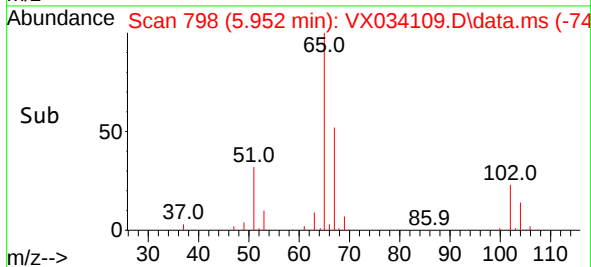
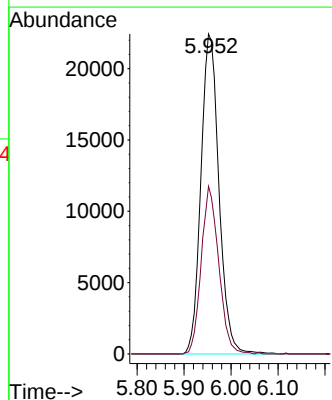
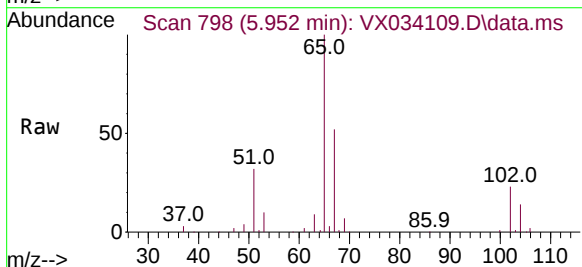
Acq: 10 Feb 2023 13:09

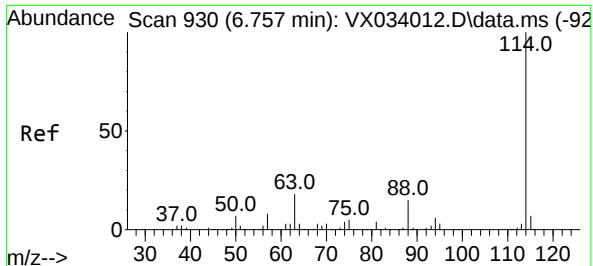
Tgt Ion: 65 Resp: 59803

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.8

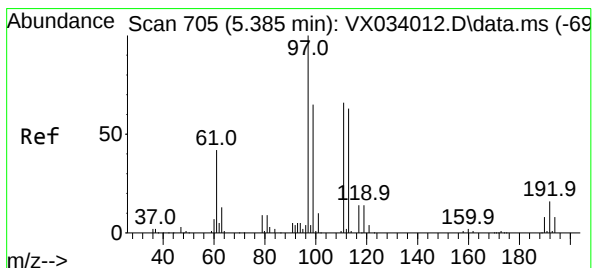
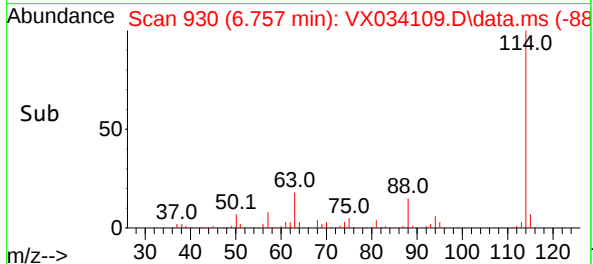
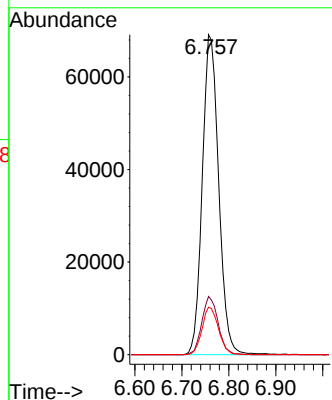
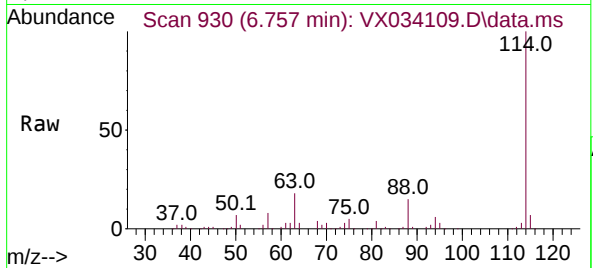




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX034109.D
 Acq: 10 Feb 2023 13:09

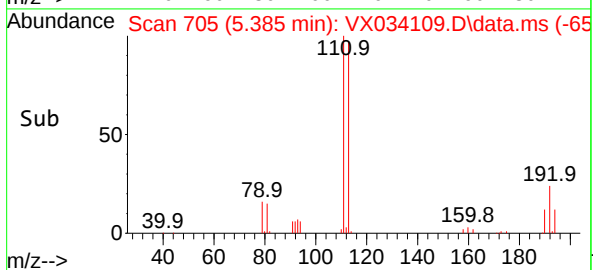
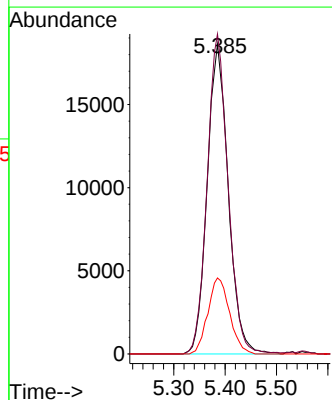
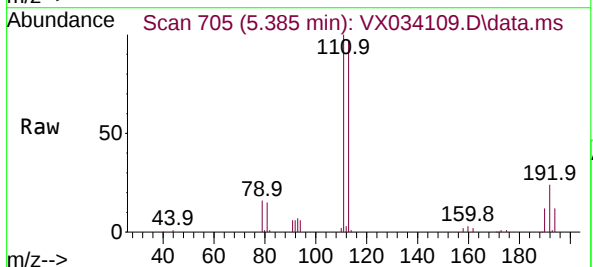
Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-26-020323

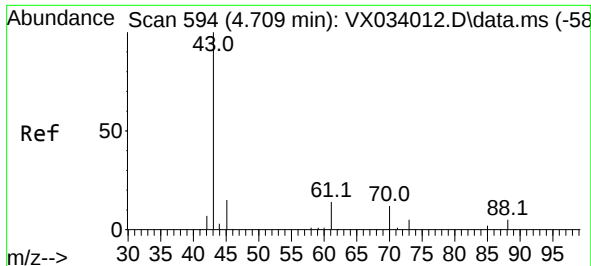
Tgt Ion:114 Resp: 167164
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 37.4
 88 14.8 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 49.950 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.000 min
 Lab File: VX034109.D
 Acq: 10 Feb 2023 13:09

Tgt Ion:113 Resp: 53141
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.0 124.6
 192 25.2 19.0 28.4





#37

Ethyl Acetate

Concen: 10.398 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX034109.D

Acq: 10 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

JPP-26-020323

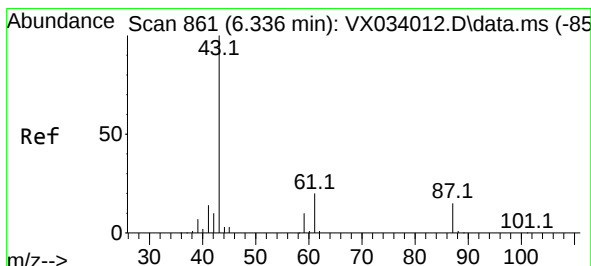
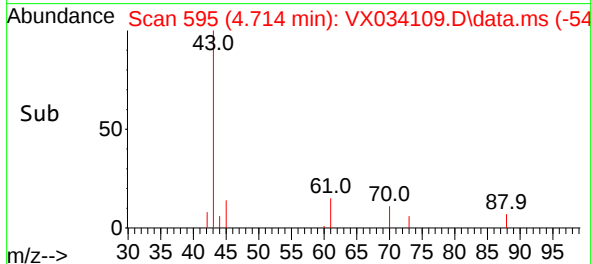
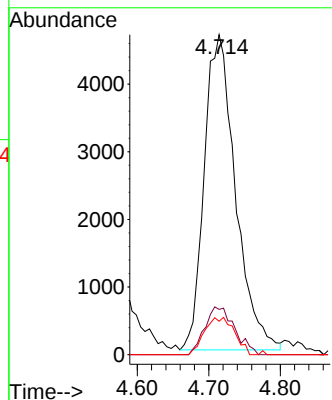
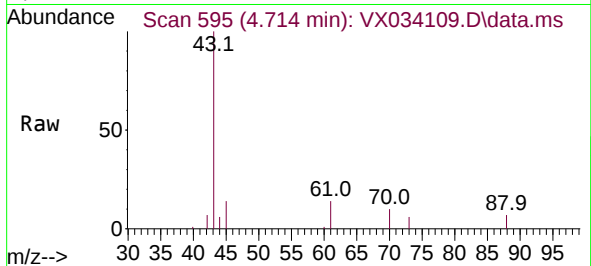
Tgt Ion: 43 Resp: 14129

Ion Ratio Lower Upper

43 100

61 14.5 11.1 16.7

70 11.3 8.5 12.7



#43

Isopropyl Acetate

Concen: 29.031 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX034109.D

Acq: 10 Feb 2023 13:09

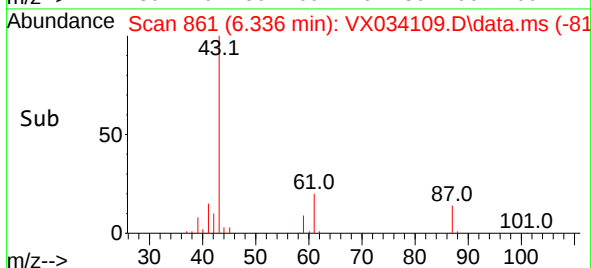
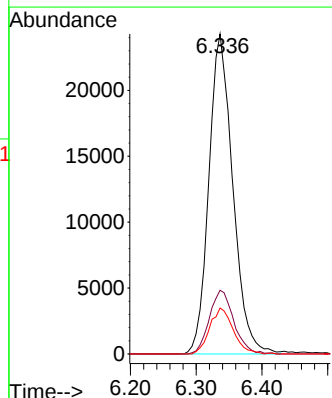
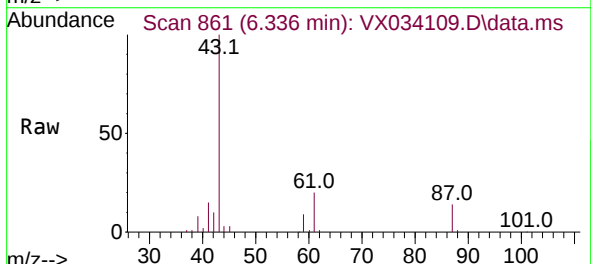
Tgt Ion: 43 Resp: 61521

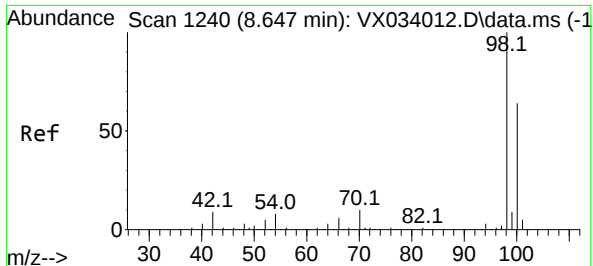
Ion Ratio Lower Upper

43 100

61 20.3 15.7 23.5

87 14.1 10.6 15.8

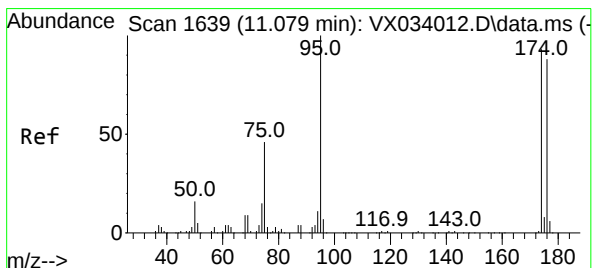
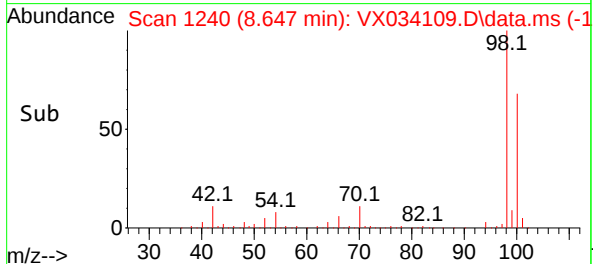
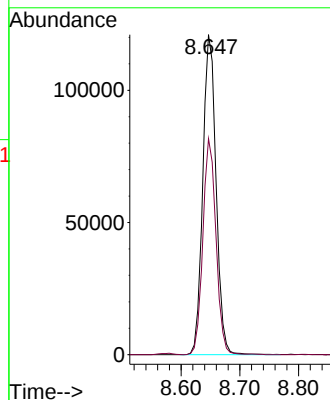
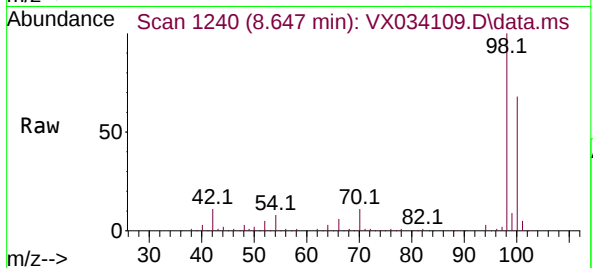




#50
Toluene-d8
Concen: 49.525 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

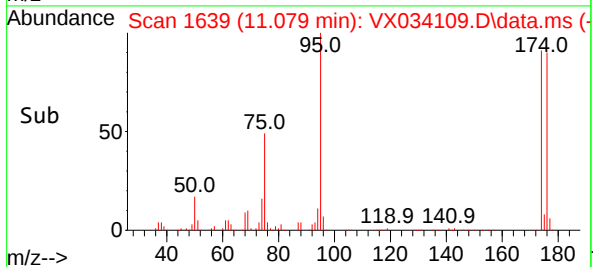
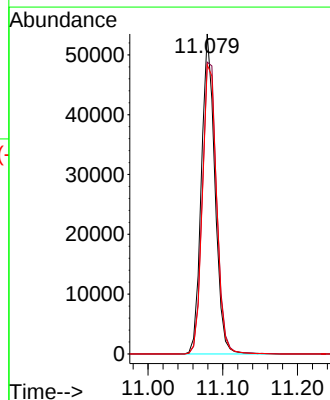
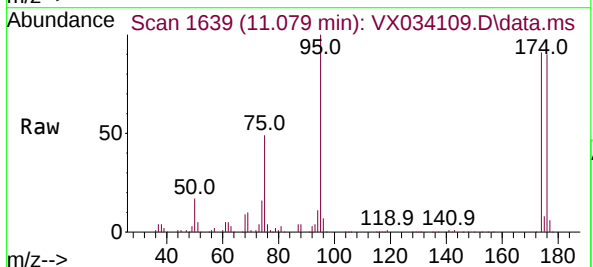
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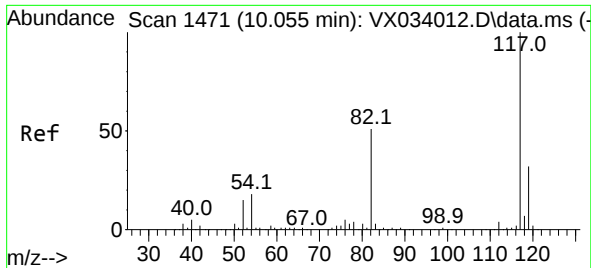
Tgt Ion: 98 Resp: 189835
Ion Ratio Lower Upper
98 100
100 66.8 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 48.949 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

Tgt Ion: 95 Resp: 67011
Ion Ratio Lower Upper
95 100
174 97.4 0.0 184.4
176 95.2 0.0 178.8

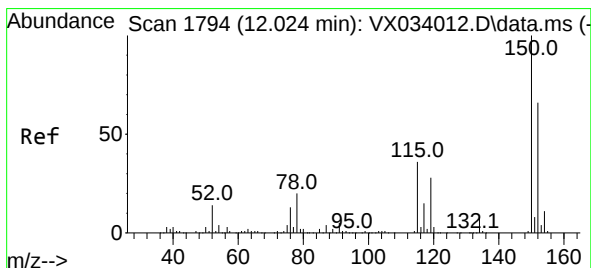
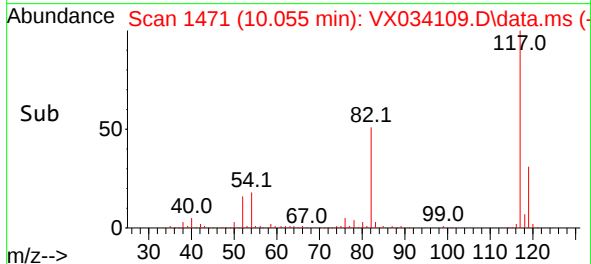
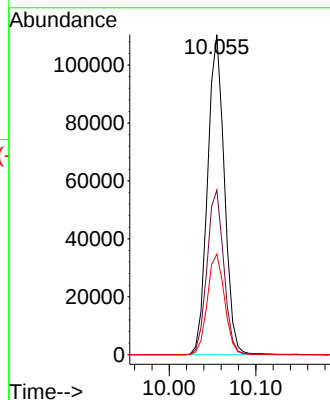
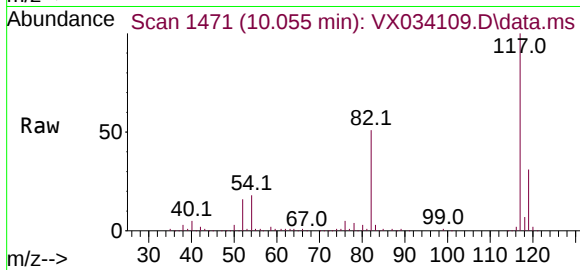




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

Instrument :
MSVOA_X
ClientSampleId :
JPP-26-020323

Tgt Ion:117 Resp: 148565
Ion Ratio Lower Upper
117 100
82 51.5 40.6 60.8
119 31.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034109.D
Acq: 10 Feb 2023 13:09

Tgt Ion:152 Resp: 74243
Ion Ratio Lower Upper
152 100
115 53.7 38.7 116.1
150 154.3 0.0 348.2

