

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
 Data File : VX035543.D
 Acq On : 05 May 2023 17:58
 Operator : JC/MD
 Sample : 02598-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-241

Quant Time: May 08 00:52:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

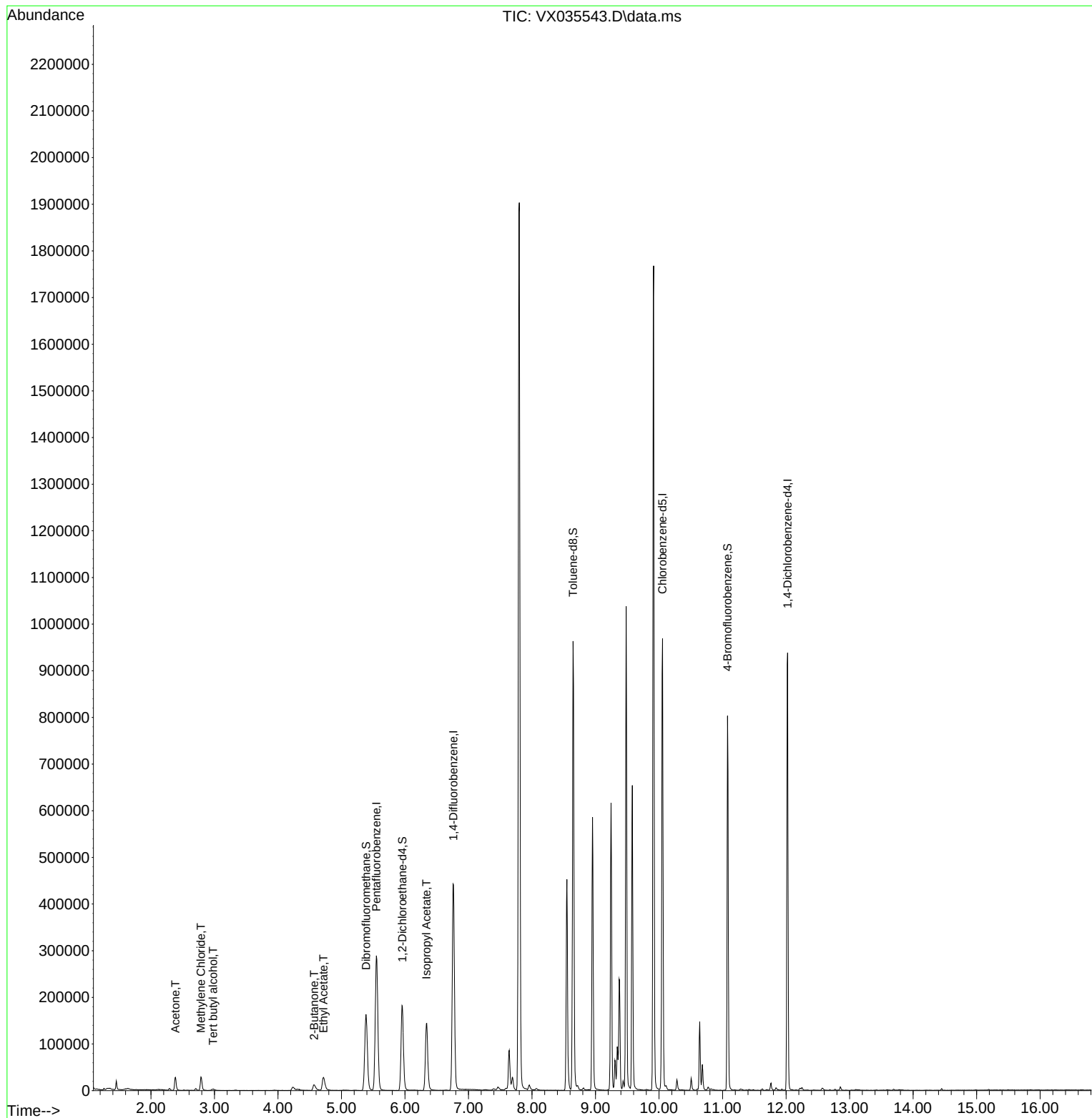
Internal Standards						
1) Pentafluorobenzene	5.550	168	282700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	472621	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	443456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174667	51.213	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.420%			
35) Dibromofluoromethane	5.385	113	146611	50.541	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.080%			
50) Toluene-d8	8.647	98	560322	51.205	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.400%			
62) 4-Bromofluorobenzene	11.079	95	220148	53.480	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.960%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	4792	7.717	ug/l #	88
16) Acetone	2.386	43	33077	22.330	ug/l	97
20) Methylene Chloride	2.788	84	13952	4.108	ug/l	95
25) 2-Butanone	4.568	43	24720	11.433	ug/l	98
37) Ethyl Acetate	4.715	43	53048	12.823	ug/l	95
43) Isopropyl Acetate	6.336	43	203500	29.275	ug/l	97

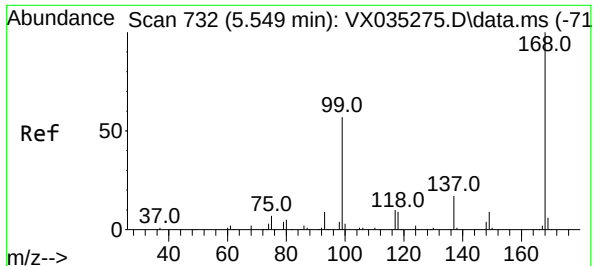
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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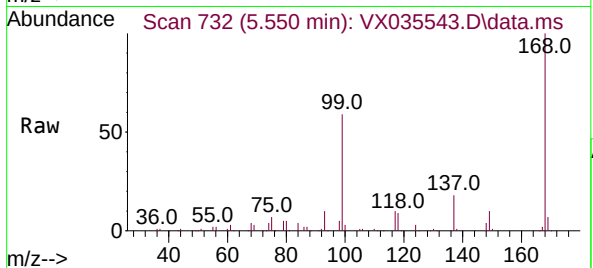
Quant Time: May 08 00:52:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration



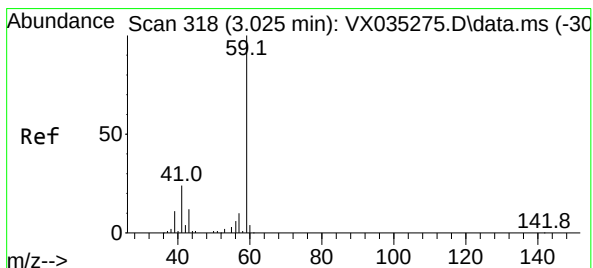
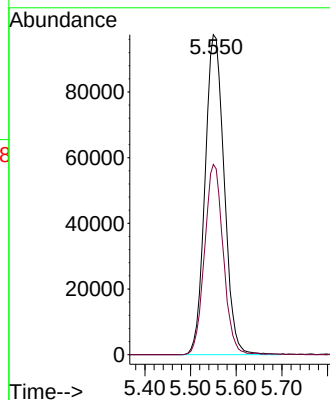
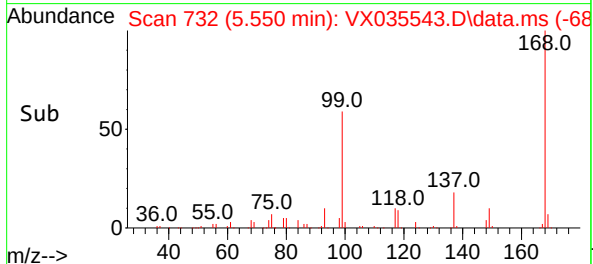


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

Instrument :
MSVOA_X
ClientSampleId :
VNJ-241

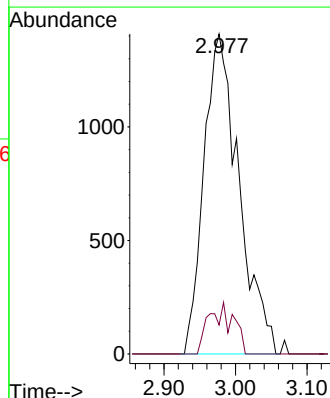
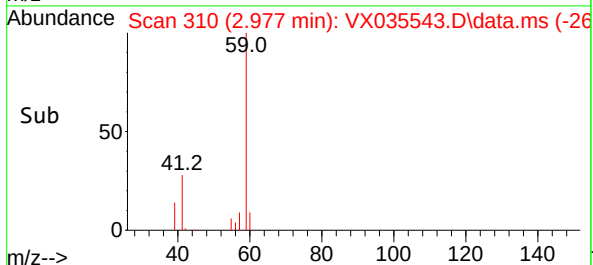
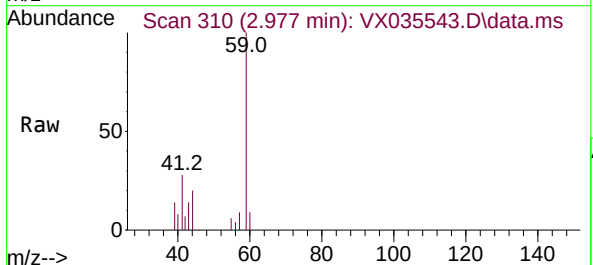


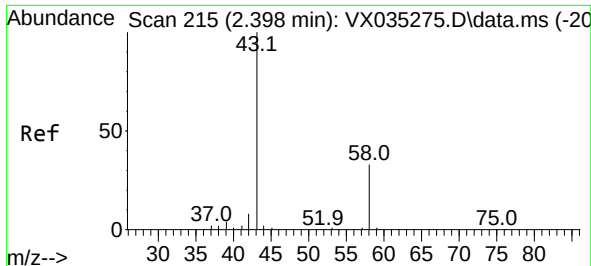
Tgt Ion:168 Resp: 282700
Ion Ratio Lower Upper
168 100
99 59.5 45.7 68.5



#11
Tert butyl alcohol
Concen: 7.717 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.048 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

Tgt Ion: 59 Resp: 4792
Ion Ratio Lower Upper
59 100
57 5.5 8.1 12.1#





#16

Acetone

Concen: 22.330 ug/l

RT: 2.386 min Scan# 215

Delta R.T. -0.012 min

Lab File: VX035543.D

Acq: 05 May 2023 17:58

Instrument :

MSVOA_X

ClientSampleId :

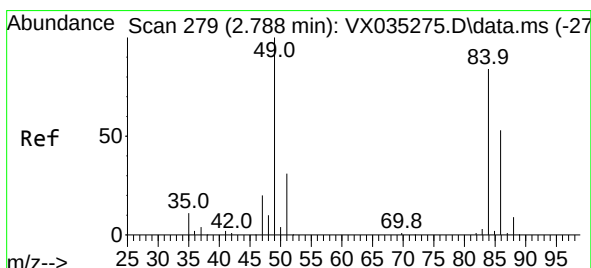
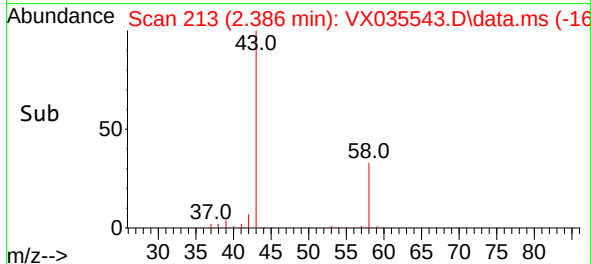
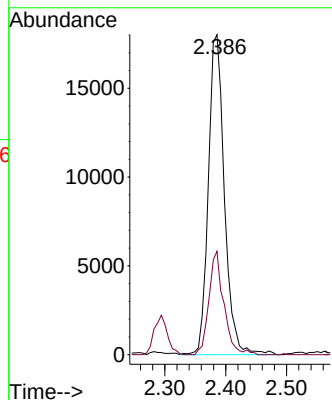
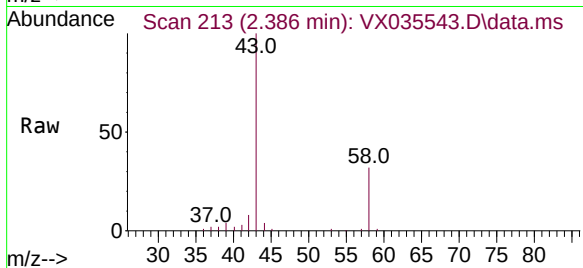
VNJ-241

Tgt Ion: 43 Resp: 33077

Ion Ratio Lower Upper

43 100

58 32.3 24.7 37.1



#20

Methylene Chloride

Concen: 4.108 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX035543.D

Acq: 05 May 2023 17:58

Tgt Ion: 84 Resp: 13952

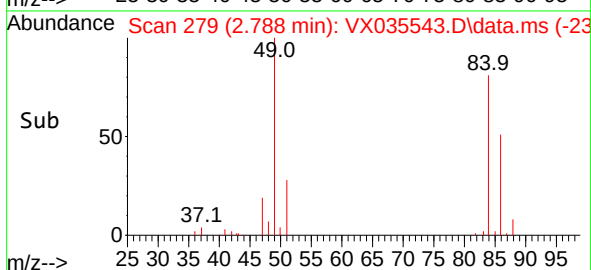
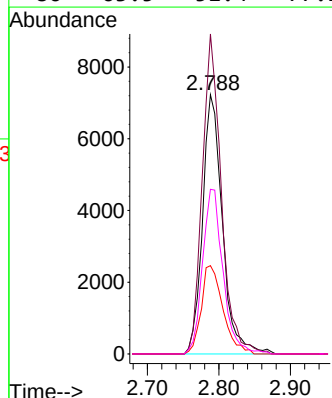
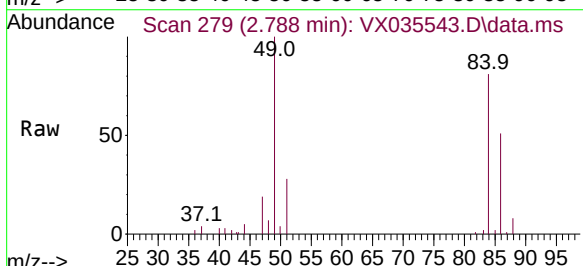
Ion Ratio Lower Upper

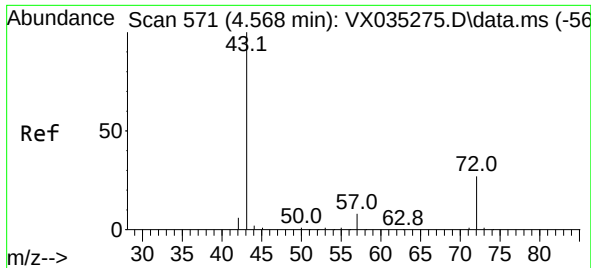
84 100

49 123.5 103.8 155.8

51 34.1 31.8 47.8

86 63.5 51.4 77.2

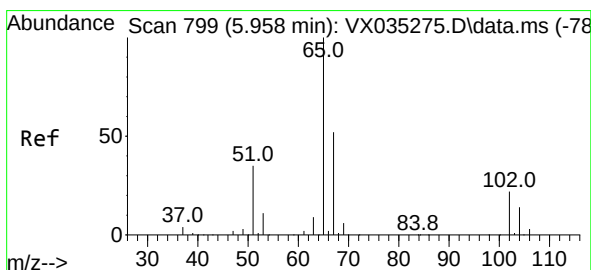
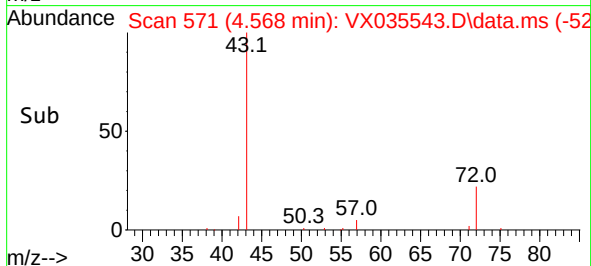
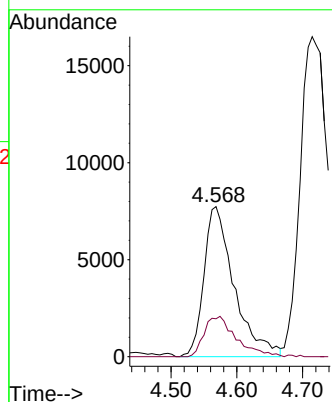
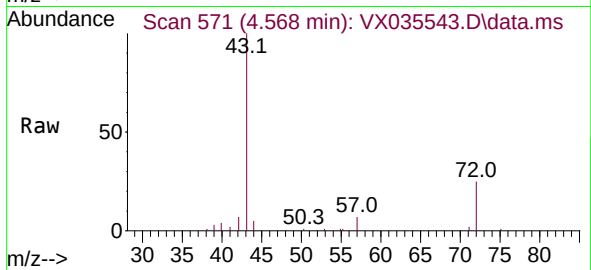




#25
2-Butanone
Concen: 11.433 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

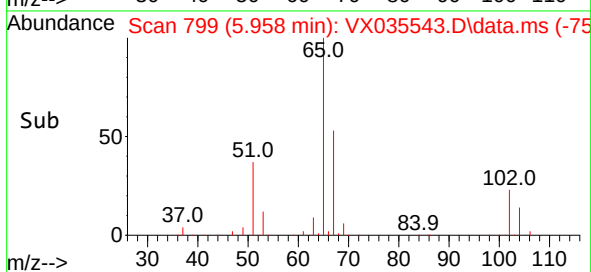
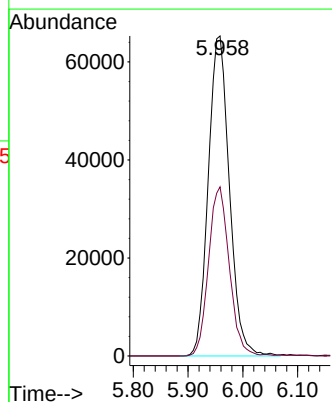
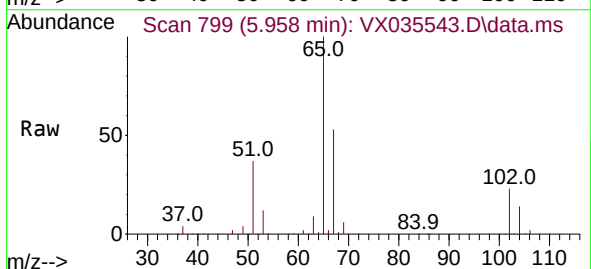
Instrument :
MSVOA_X
ClientSampleId :
VNJ-241

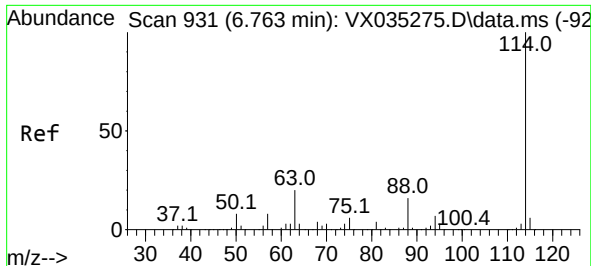
Tgt Ion: 43 Resp: 24720
Ion Ratio Lower Upper
43 100
72 25.3 19.3 28.9



#33
1,2-Dichloroethane-d4
Concen: 51.213 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

Tgt Ion: 65 Resp: 174667
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0

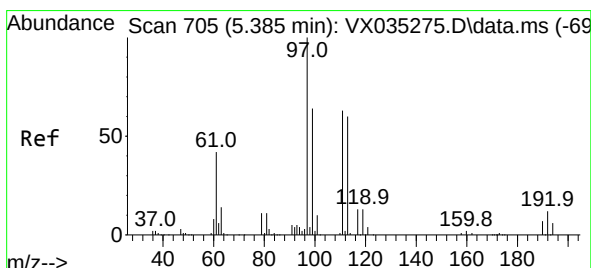
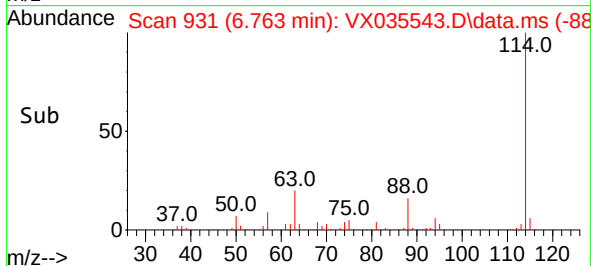
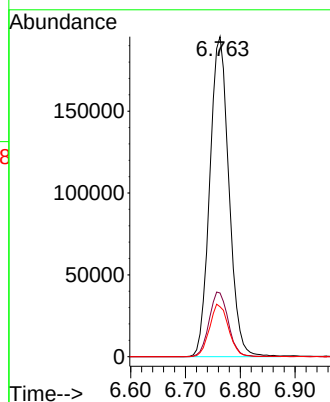
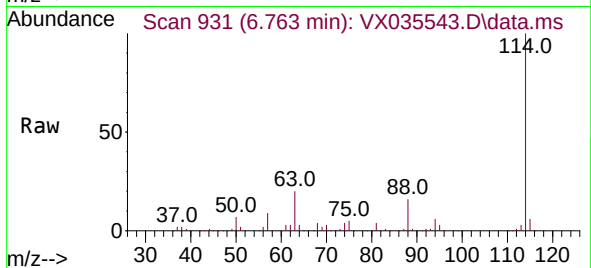




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

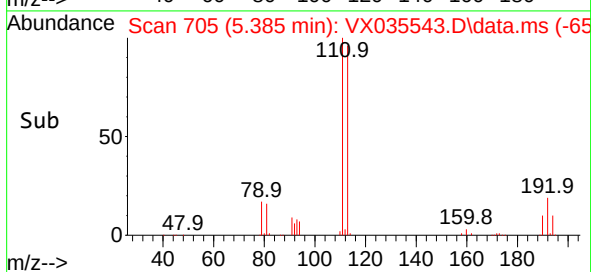
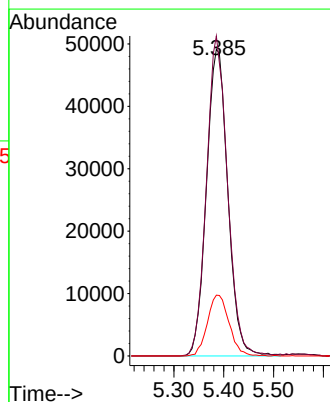
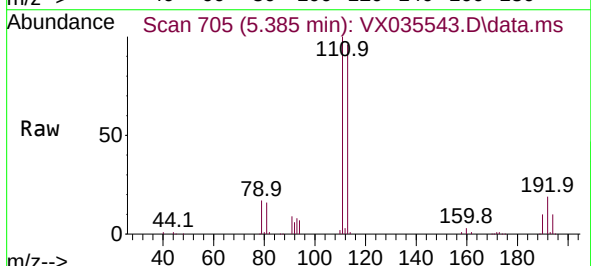
Instrument :
MSVOA_X
ClientSampleId :
VNJ-241

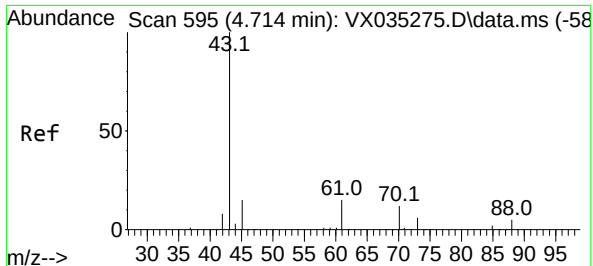
Tgt Ion:114 Resp: 472621
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.2
88 15.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.541 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

Tgt Ion:113 Resp: 146611
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 20.1 15.4 23.2





#37

Ethyl Acetate

Concen: 12.823 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX035543.D

Acq: 05 May 2023 17:58

Instrument :

MSVOA_X

ClientSampleId :

VNJ-241

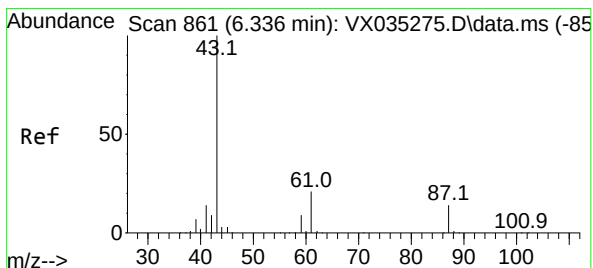
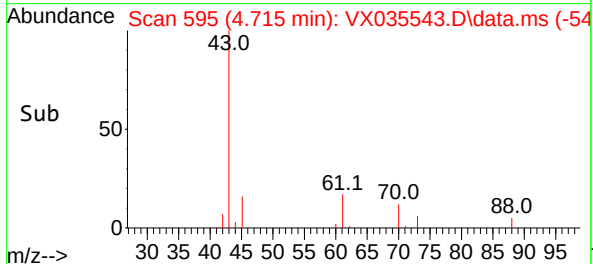
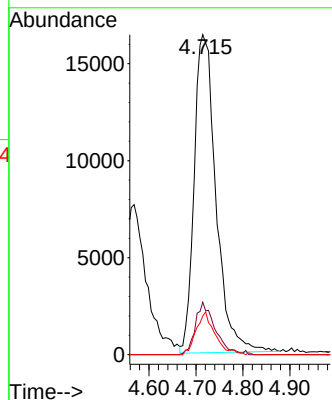
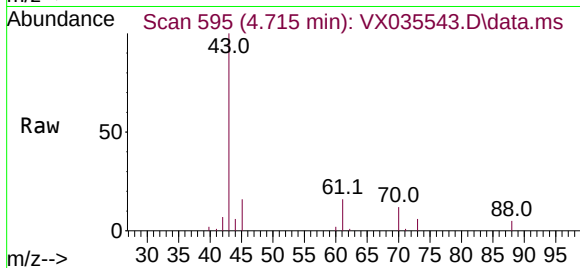
Tgt Ion: 43 Resp: 53048

Ion Ratio Lower Upper

43 100

61 15.0 10.2 15.4

70 11.6 8.2 12.4



#43

Isopropyl Acetate

Concen: 29.275 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035543.D

Acq: 05 May 2023 17:58

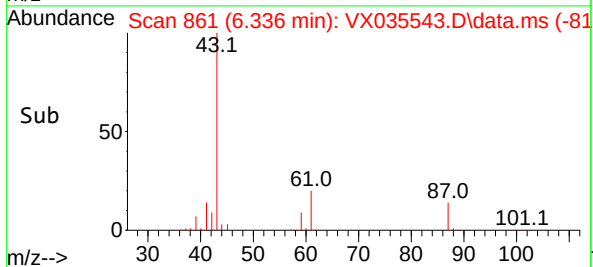
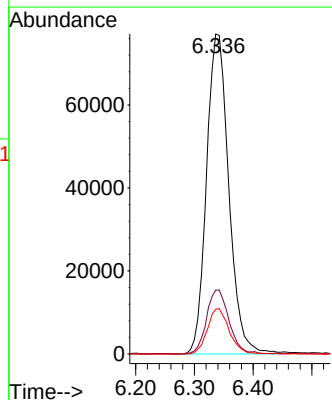
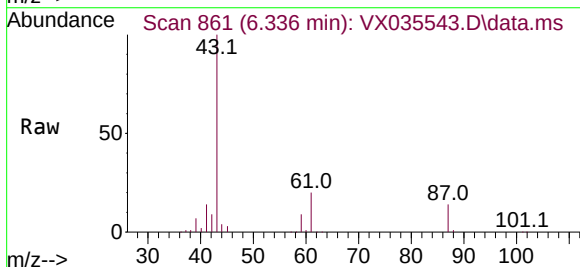
Tgt Ion: 43 Resp: 203500

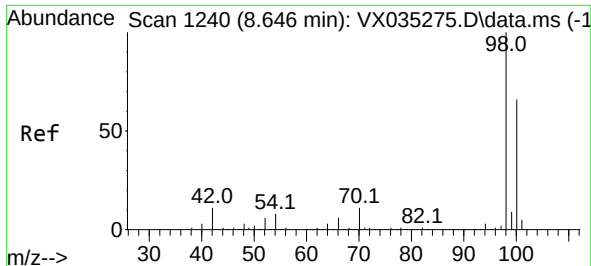
Ion Ratio Lower Upper

43 100

61 20.1 15.2 22.8

87 13.9 9.8 14.8

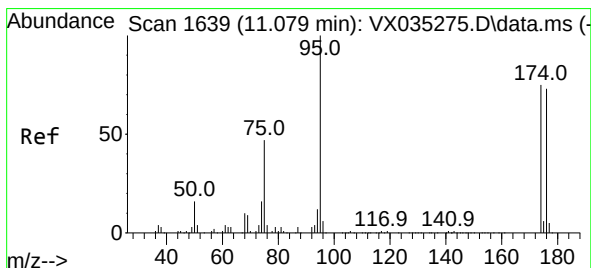
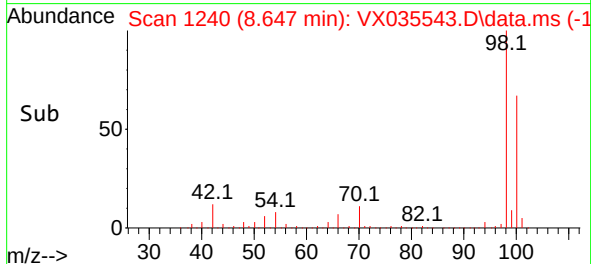
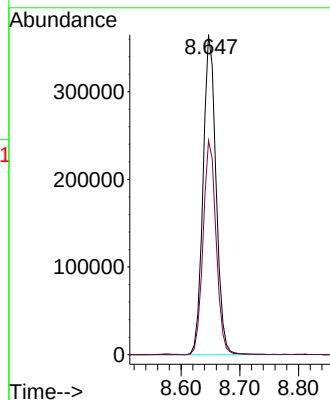
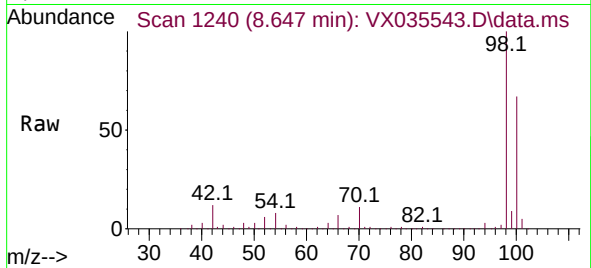




#50
Toluene-d8
Concen: 51.205 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

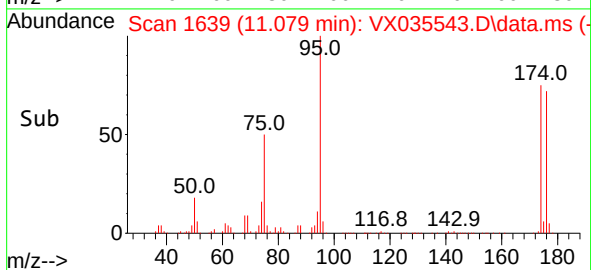
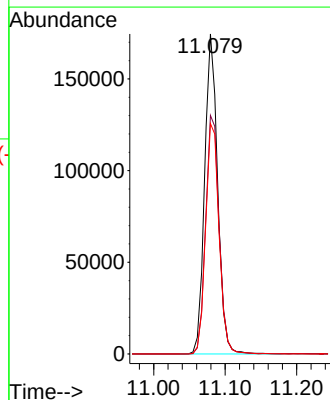
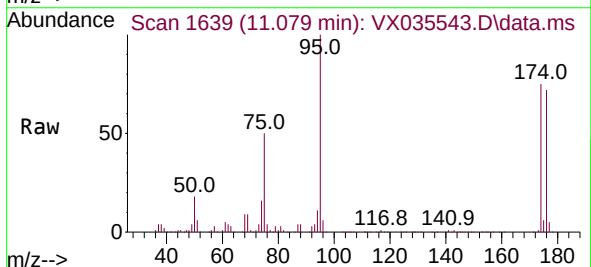
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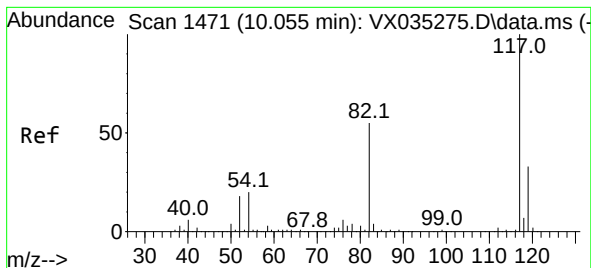
Tgt Ion: 98 Resp: 560322
Ion Ratio Lower Upper
98 100
100 67.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 53.480 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

Tgt Ion: 95 Resp: 220148
Ion Ratio Lower Upper
95 100
174 77.5 0.0 147.4
176 74.7 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035543.D

Acq: 05 May 2023 17:58

Instrument :

MSVOA_X

ClientSampleId :

VNJ-241

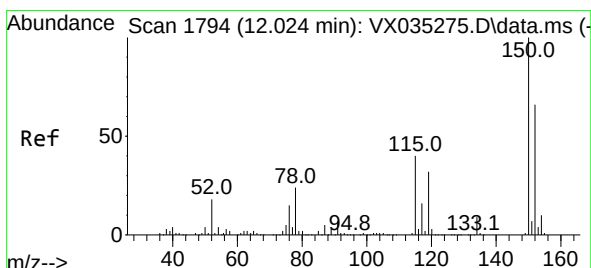
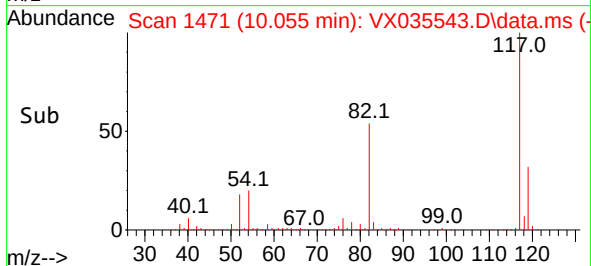
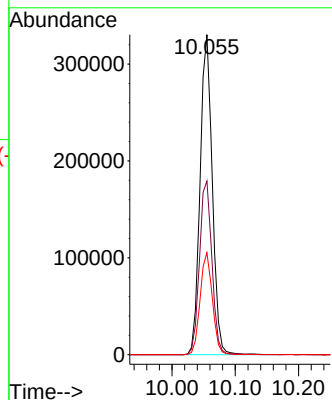
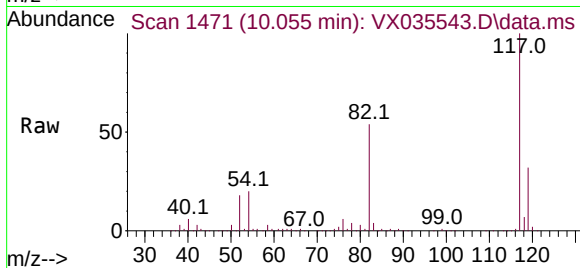
Tgt Ion:117 Resp: 443456

Ion Ratio Lower Upper

117 100

82 54.3 45.0 67.4

119 31.9 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035543.D

Acq: 05 May 2023 17:58

Tgt Ion:152 Resp: 207031

Ion Ratio Lower Upper

152 100

115 60.7 45.0 135.0

150 157.5 0.0 352.4

