

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047701.D
 Acq On : 22 Sep 2025 14:07
 Operator : JC/MD
 Sample : Q3133-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-238

Quant Time: Sep 23 01:34:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

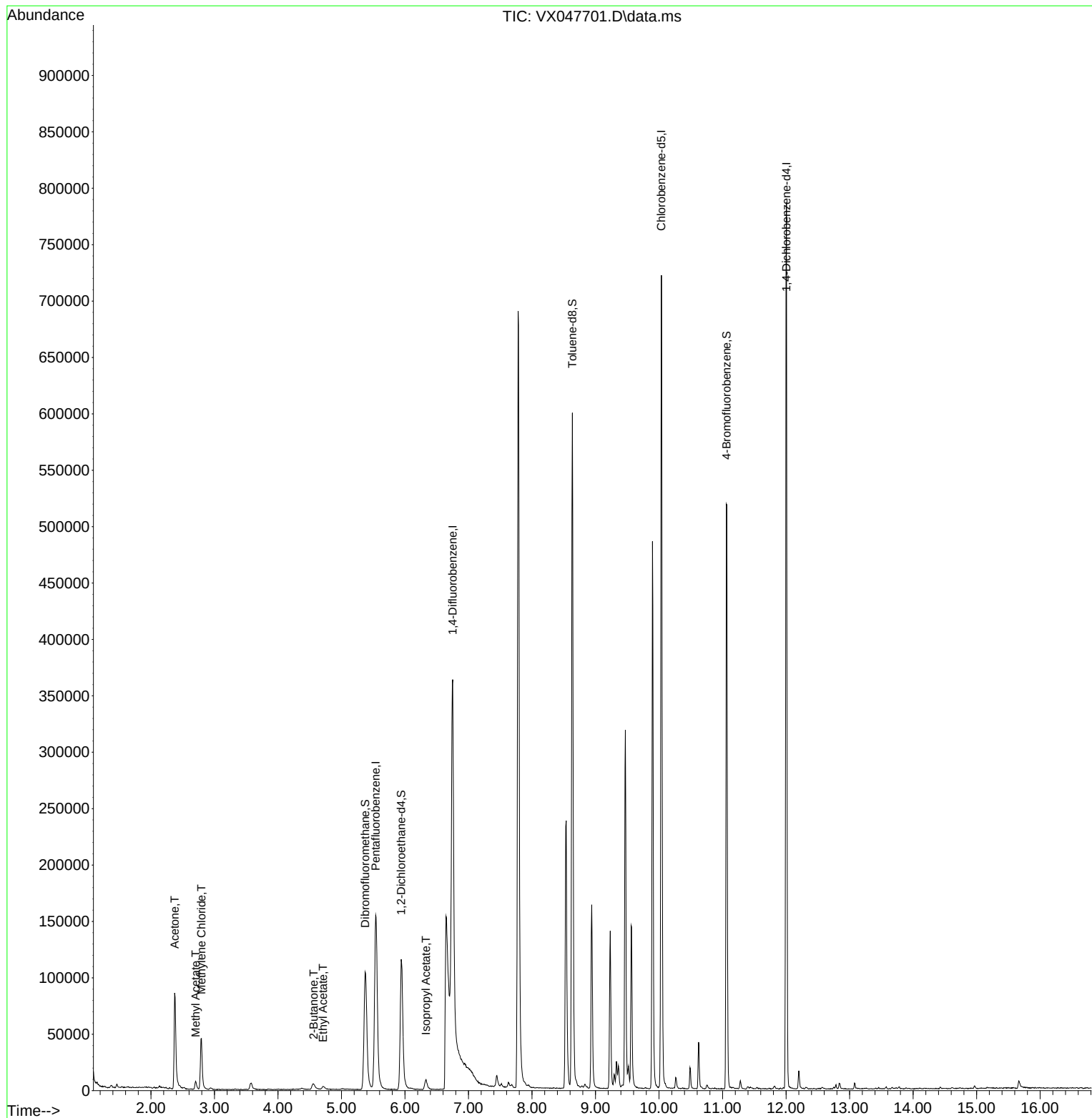
Internal Standards						
1) Pentafluorobenzene	5.538	168	158169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	331918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	321971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	163047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	125373	49.798	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.600%
35) Dibromofluoromethane	5.373	113	103473	46.483	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.960%
50) Toluene-d8	8.635	98	362643	47.081	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.160%
62) 4-Bromofluorobenzene	11.061	95	153483	52.505	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.000%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	111873	102.197	ug/l	98
18) Methyl Acetate	2.703	43	10092	4.142	ug/l	99
20) Methylene Chloride	2.794	84	22622	9.763	ug/l	93
25) 2-Butanone	4.562	43	11611	8.503	ug/l #	84
37) Ethyl Acetate	4.708	43	5542	1.591	ug/l #	90
43) Isopropyl Acetate	6.330	43	13477	2.359	ug/l	99

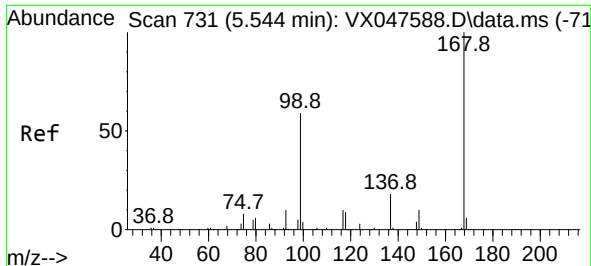
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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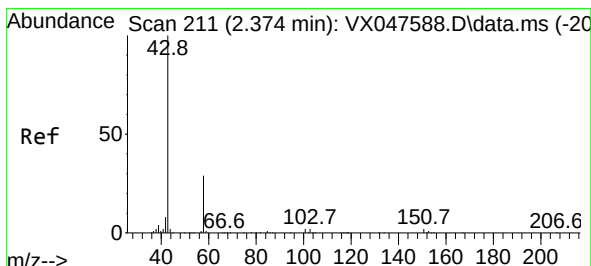
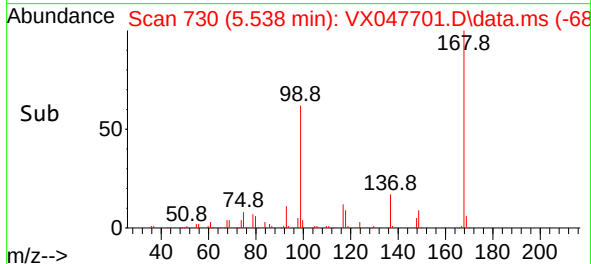
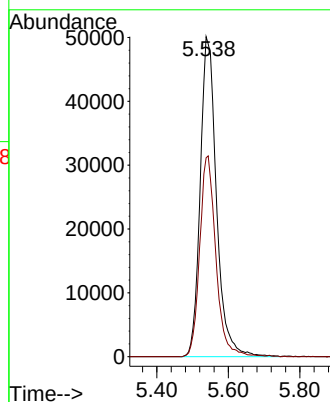
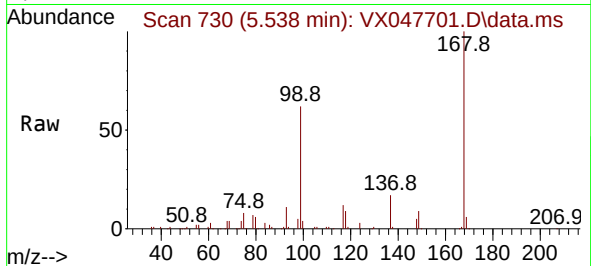




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX047701.D
Acq: 22 Sep 2025 14:07

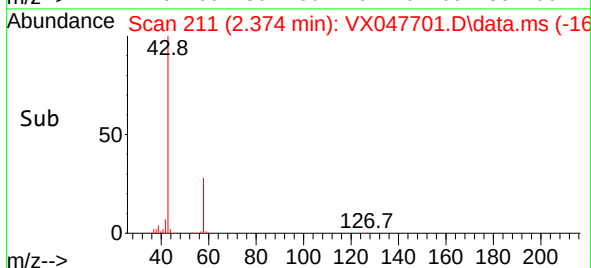
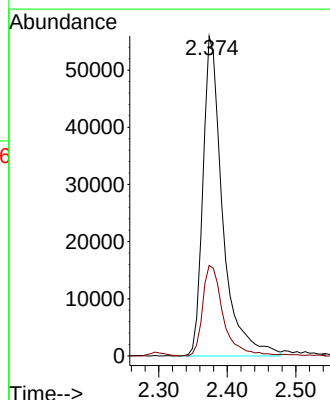
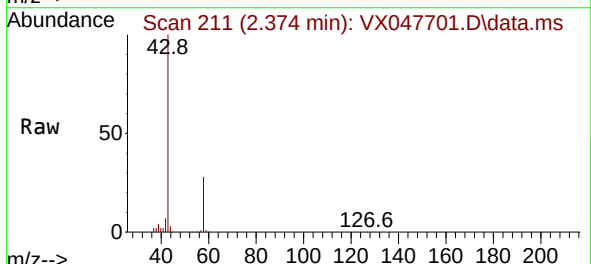
Instrument :
MSVOA_X
ClientSampleId :
VNJ-238

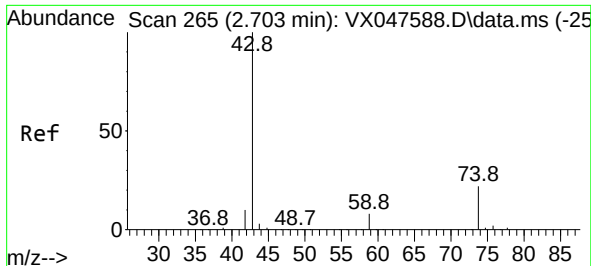
Tgt Ion:168 Resp: 158169
Ion Ratio Lower Upper
168 100
99 62.1 48.8 73.2



#16
Acetone
Concen: 102.197 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047701.D
Acq: 22 Sep 2025 14:07

Tgt Ion: 43 Resp: 111873
Ion Ratio Lower Upper
43 100
58 28.3 23.4 35.0





#18

Methyl Acetate

Concen: 4.142 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX047701.D

Acq: 22 Sep 2025 14:07

Instrument :

MSVOA_X

ClientSampleId :

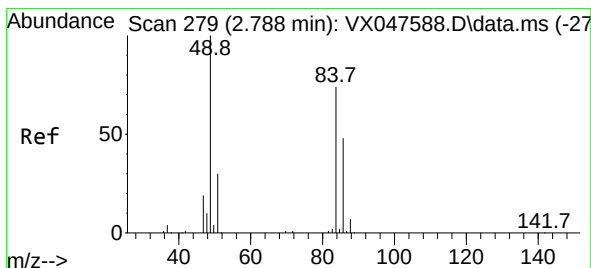
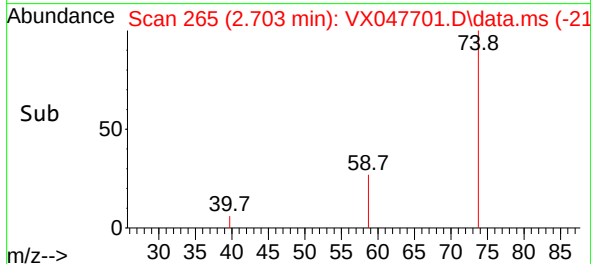
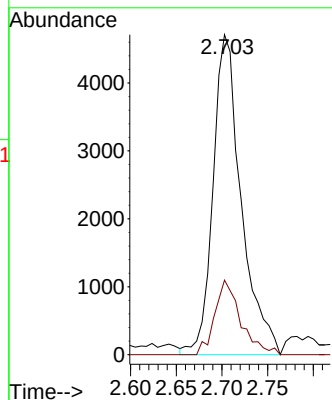
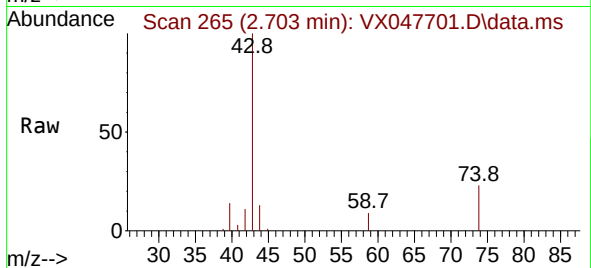
VNJ-238

Tgt Ion: 43 Resp: 10092

Ion Ratio Lower Upper

43 100

74 21.5 17.4 26.2



#20

Methylene Chloride

Concen: 9.763 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX047701.D

Acq: 22 Sep 2025 14:07

Tgt Ion: 84 Resp: 22622

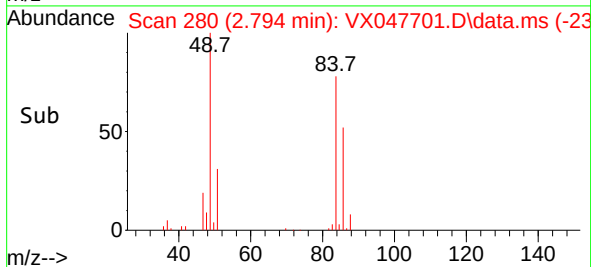
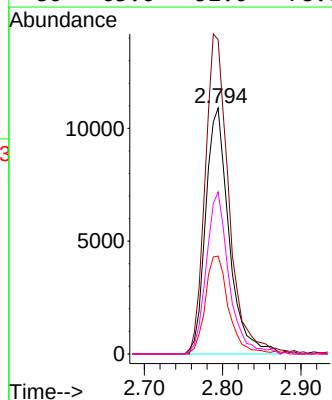
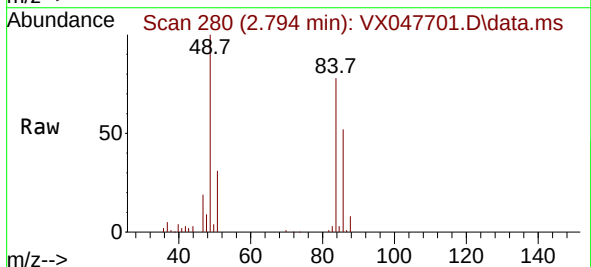
Ion Ratio Lower Upper

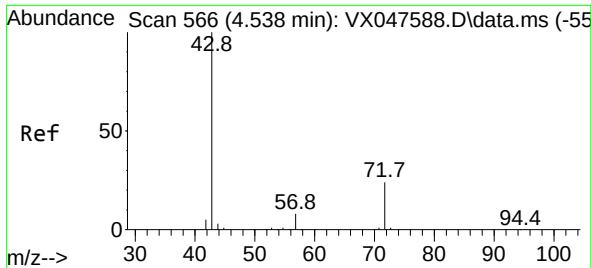
84 100

49 123.4 108.6 162.8

51 38.4 32.6 48.8

86 63.6 52.0 78.0

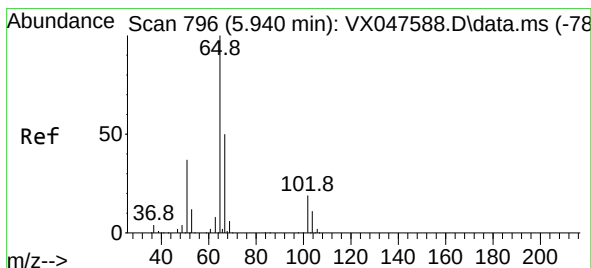
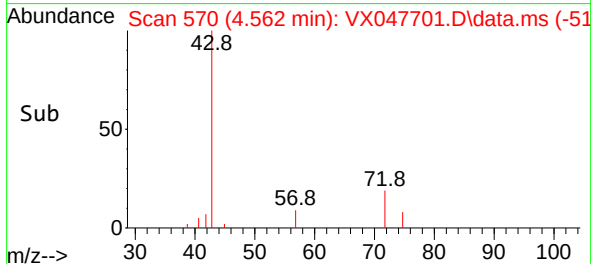
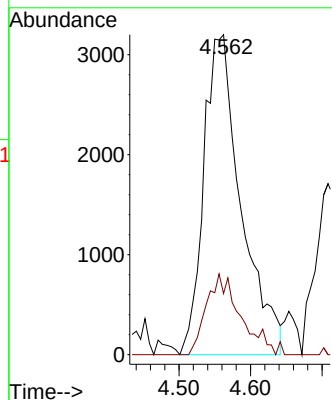
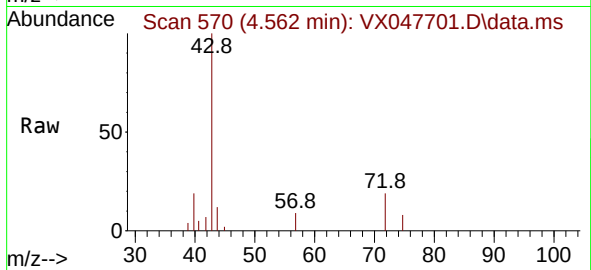




#25
2-Butanone
Concen: 8.503 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX047701.D
Acq: 22 Sep 2025 14:07

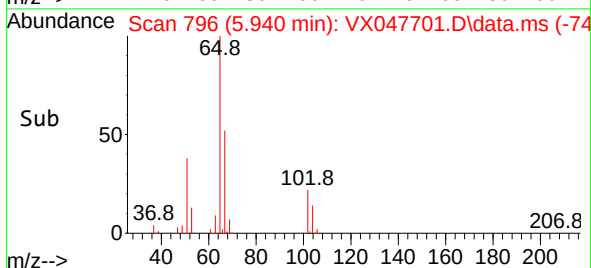
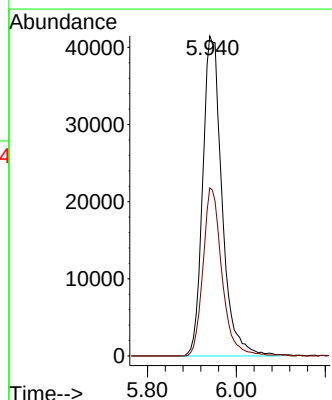
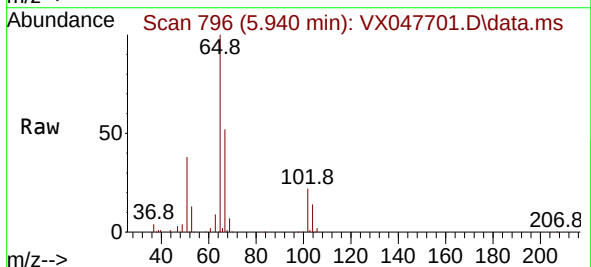
Instrument :
MSVOA_X
ClientSampleId :
VNJ-238

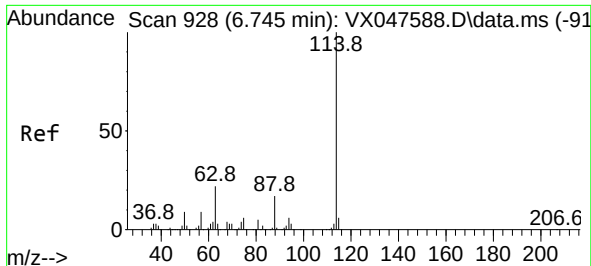
Tgt Ion: 43 Resp: 11611
Ion Ratio Lower Upper
43 100
72 17.0 20.1 30.1#



#33
1,2-Dichloroethane-d4
Concen: 49.798 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047701.D
Acq: 22 Sep 2025 14:07

Tgt Ion: 65 Resp: 125373
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

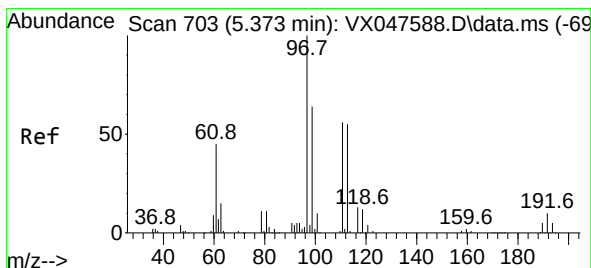
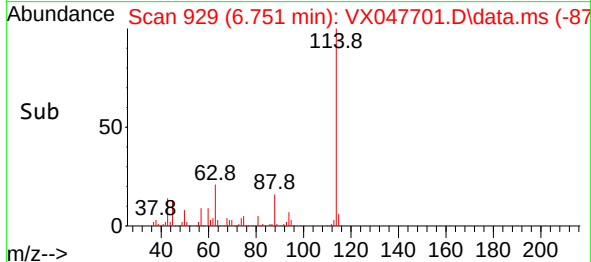
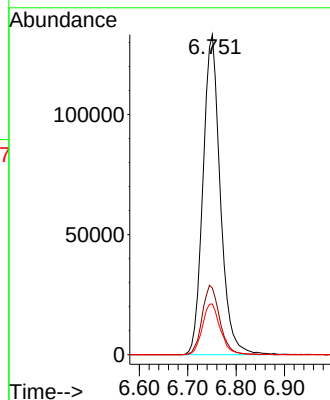
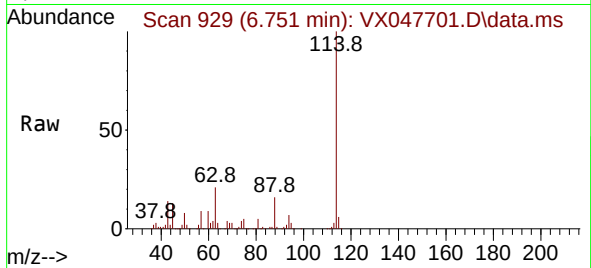




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047701.D
Acq: 22 Sep 2025 14:07

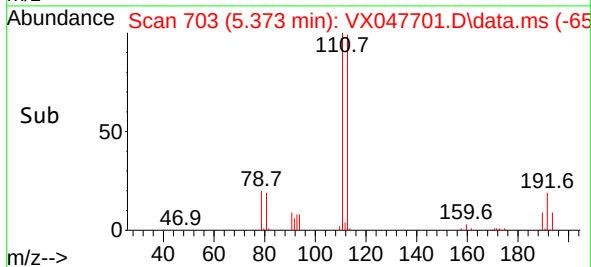
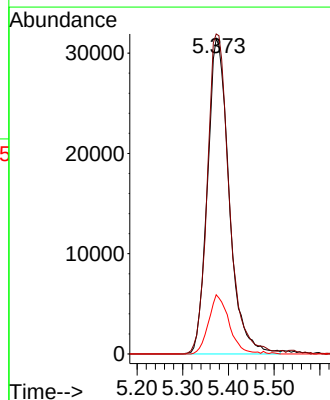
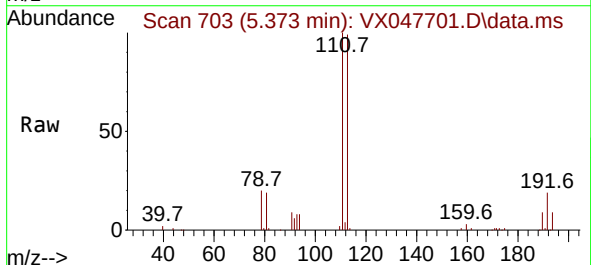
Instrument :
MSVOA_X
ClientSampleId :
VNJ-238

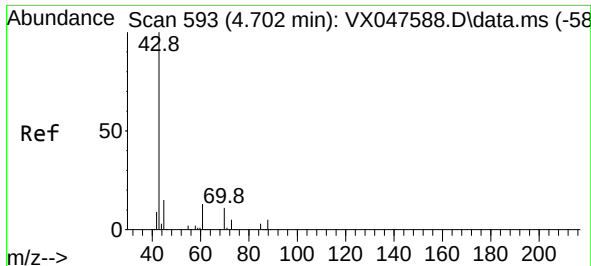
Tgt Ion:114 Resp: 331918
Ion Ratio Lower Upper
114 100
63 20.8 0.0 44.0
88 15.8 0.0 34.2



#35
Dibromofluoromethane
Concen: 46.483 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047701.D
Acq: 22 Sep 2025 14:07

Tgt Ion:113 Resp: 103473
Ion Ratio Lower Upper
113 100
111 102.3 80.9 121.3
192 17.8 14.2 21.4





#37

Ethyl Acetate

Concen: 1.591 ug/l

RT: 4.708 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX047701.D

Acq: 22 Sep 2025 14:07

Instrument :

MSVOA_X

ClientSampleId :

VNJ-238

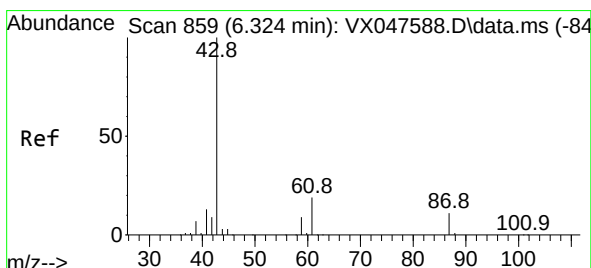
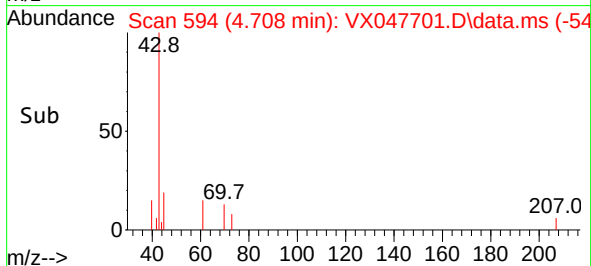
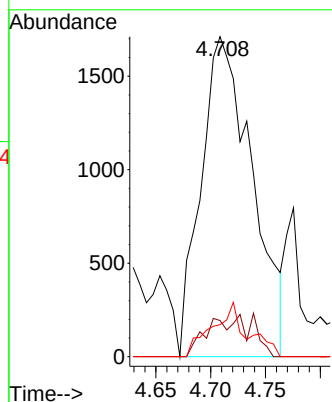
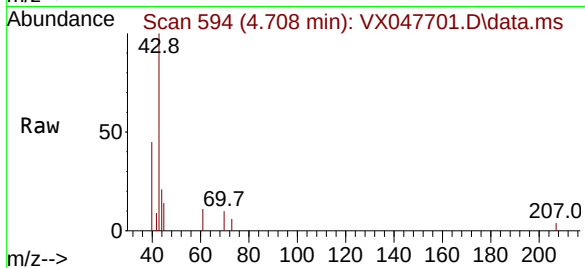
Tgt Ion: 43 Resp: 5542

Ion Ratio Lower Upper

43 100

61 5.6 9.8 14.8#

70 9.2 7.9 11.9



#43

Isopropyl Acetate

Concen: 2.359 ug/l

RT: 6.330 min Scan# 860

Delta R.T. 0.006 min

Lab File: VX047701.D

Acq: 22 Sep 2025 14:07

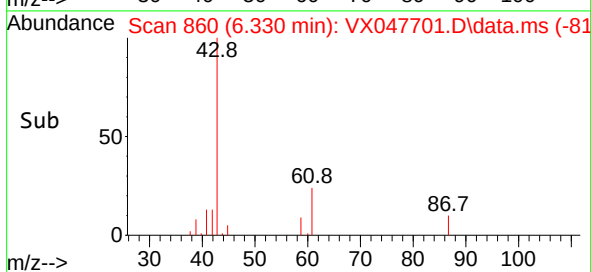
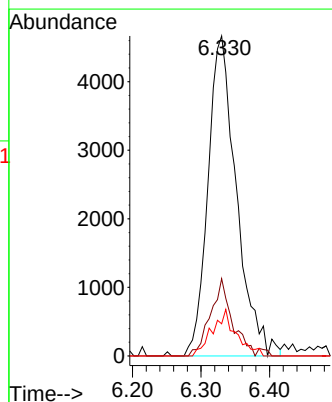
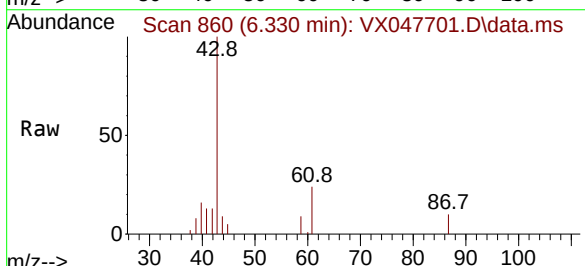
Tgt Ion: 43 Resp: 13477

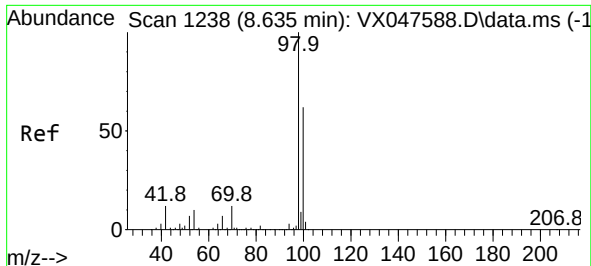
Ion Ratio Lower Upper

43 100

61 18.5 15.2 22.8

87 12.1 9.6 14.4

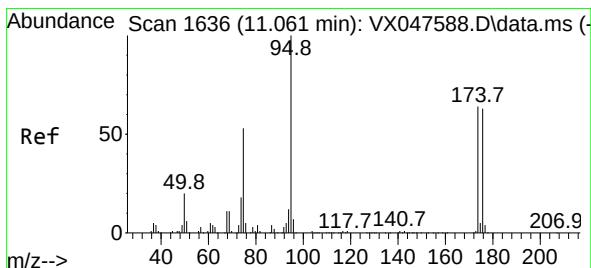
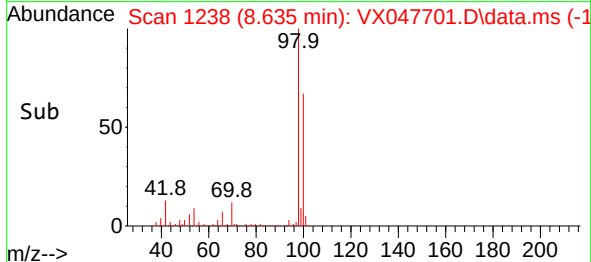
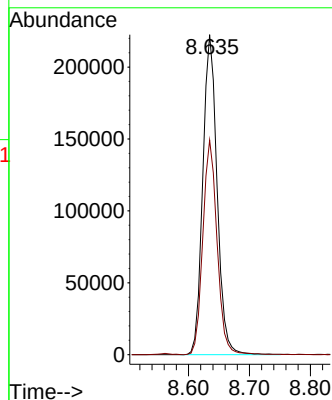
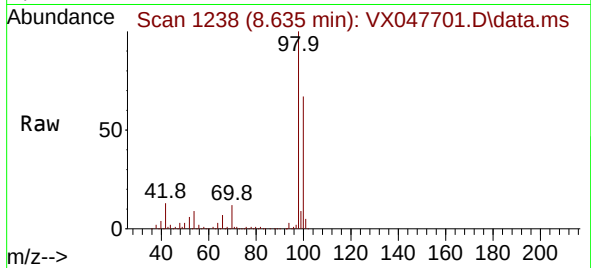




#50
Toluene-d8
Concen: 47.081 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047701.D
Acq: 22 Sep 2025 14:07

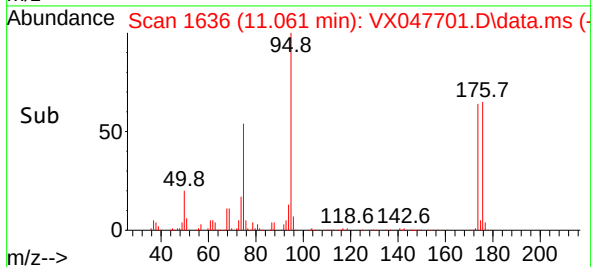
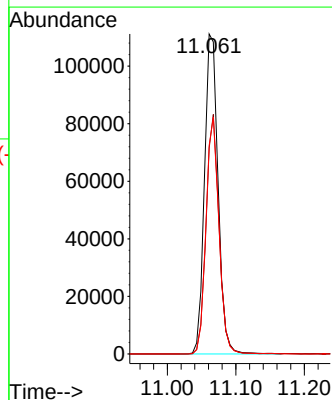
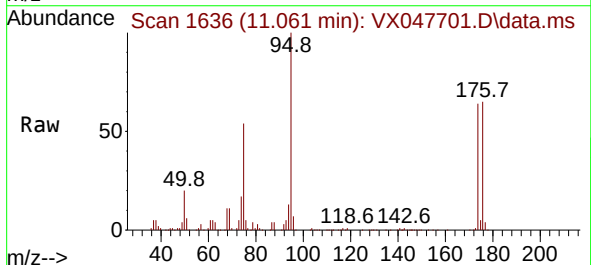
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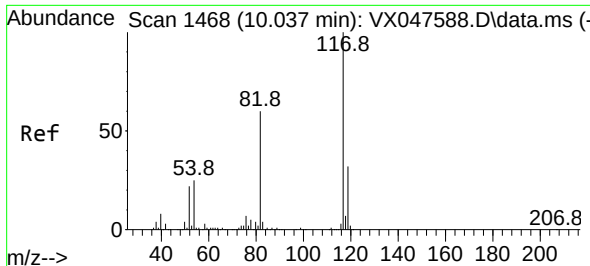
Tgt Ion: 98 Resp: 362643
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.505 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047701.D
Acq: 22 Sep 2025 14:07

Tgt Ion: 95 Resp: 153483
Ion Ratio Lower Upper
95 100
174 71.1 0.0 141.6
176 70.9 0.0 138.4

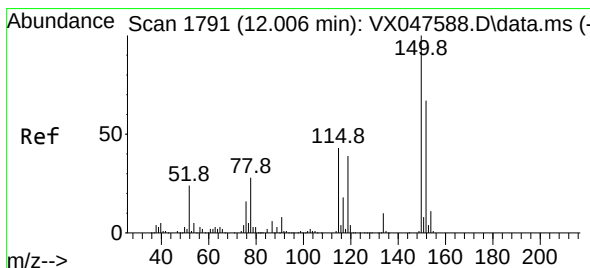
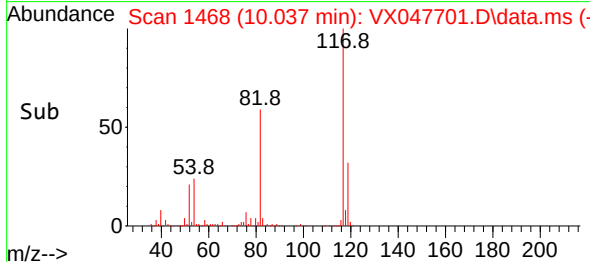
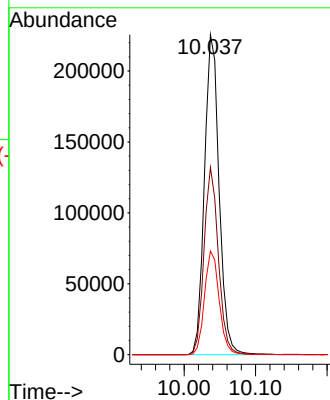
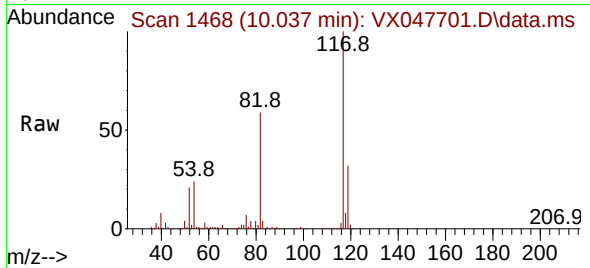




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047701.D
Acq: 22 Sep 2025 14:07

Instrument :
MSVOA_X
ClientSampleId :
VNJ-238

Tgt Ion:117 Resp: 321971
Ion Ratio Lower Upper
117 100
82 58.6 47.8 71.6
119 32.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047701.D
Acq: 22 Sep 2025 14:07

Tgt Ion:152 Resp: 163047
Ion Ratio Lower Upper
152 100
115 62.5 44.9 134.5
150 157.1 0.0 352.0

