

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048268.D
 Acq On : 21 Oct 2025 14:42
 Operator : JC/MD
 Sample : Q3381-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-245

Quant Time: Oct 21 15:00:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

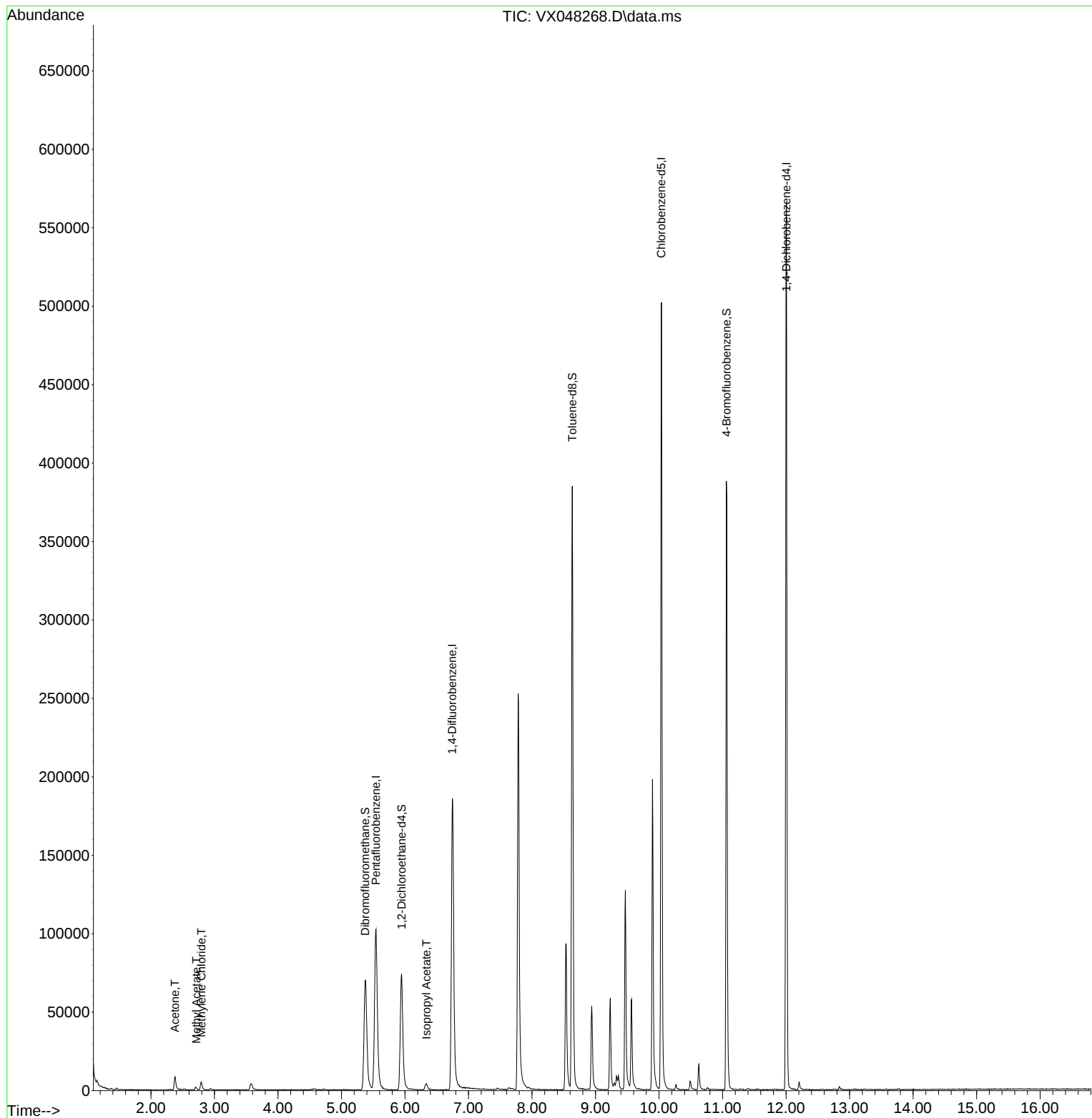
Internal Standards						
1) Pentafluorobenzene	5.544	168	104379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	210456	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	235577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	125257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81263	55.528	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.060%
35) Dibromofluoromethane	5.373	113	68512	47.685	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.360%
50) Toluene-d8	8.634	98	240463	47.749	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.500%
62) 4-Bromofluorobenzene	11.061	95	114339	59.681	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.360%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	11059	22.028	ug/l	97
18) Methyl Acetate	2.715	43	2318	2.211	ug/l	97
20) Methylene Chloride	2.794	84	2754	2.251	ug/l	88
43) Isopropyl Acetate	6.336	43	6141	2.209	ug/l	98

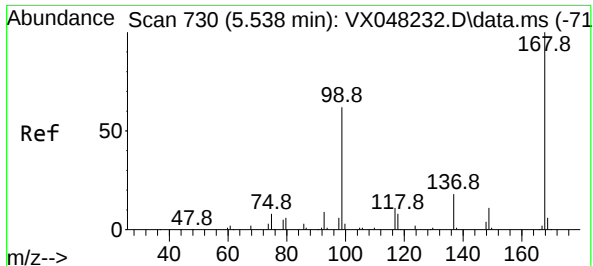
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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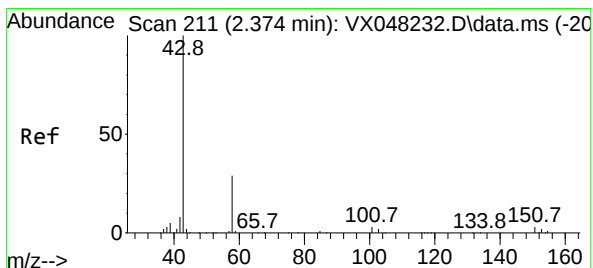
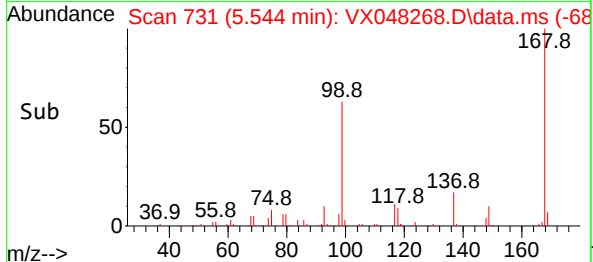
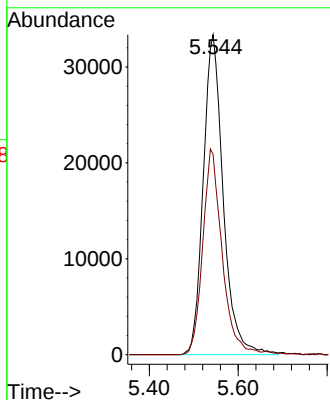
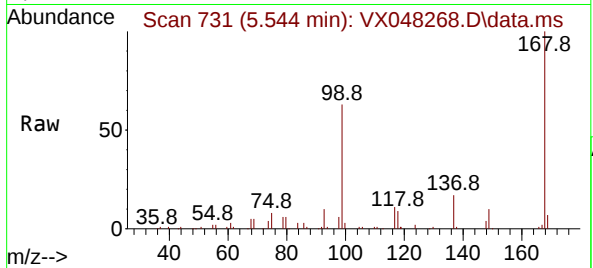




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048268.D
Acq: 21 Oct 2025 14:42

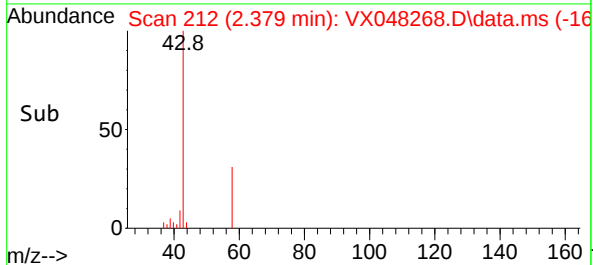
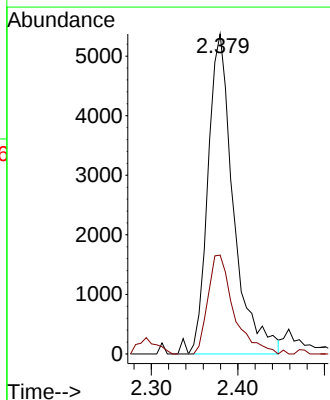
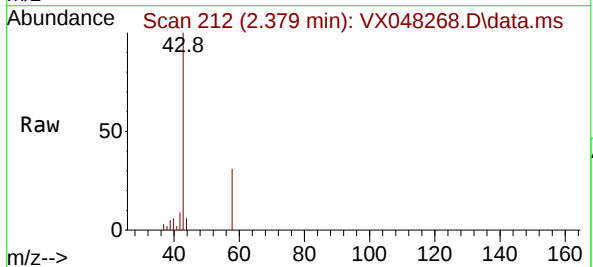
Instrument :
MSVOA_X
ClientSampleId :
VNJ-245

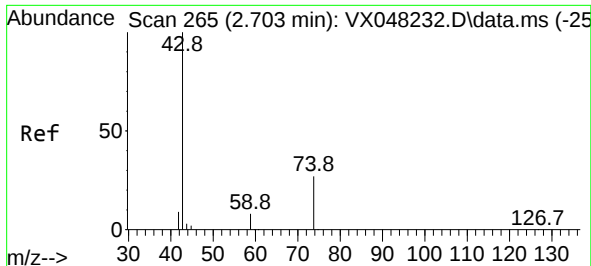
Tgt Ion:168 Resp: 104379
Ion Ratio Lower Upper
168 100
99 62.6 46.4 69.6



#16
Acetone
Concen: 22.028 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048268.D
Acq: 21 Oct 2025 14:42

Tgt Ion: 43 Resp: 11059
Ion Ratio Lower Upper
43 100
58 30.9 23.4 35.2

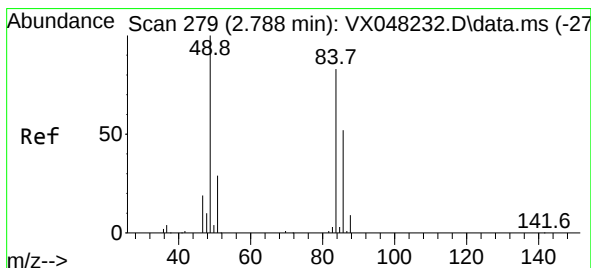
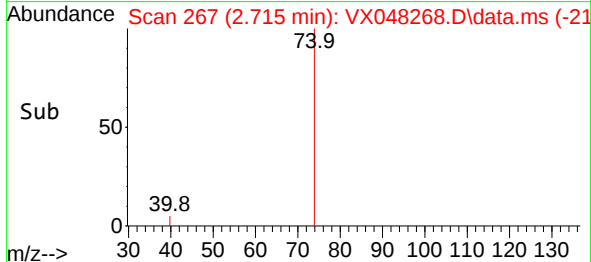
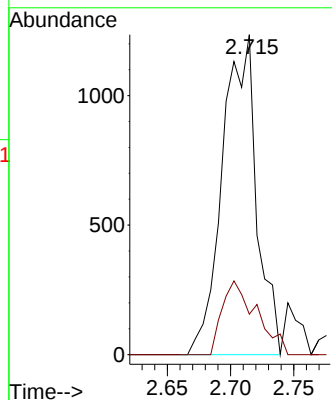
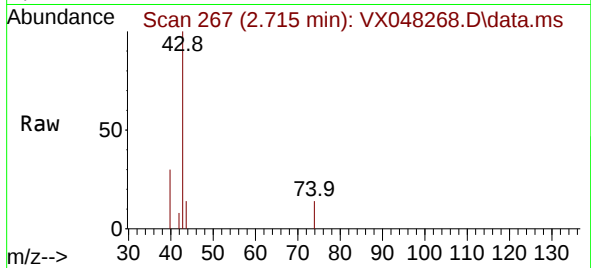




#18
Methyl Acetate
Concen: 2.211 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.018 min
Lab File: VX048268.D
Acq: 21 Oct 2025 14:42

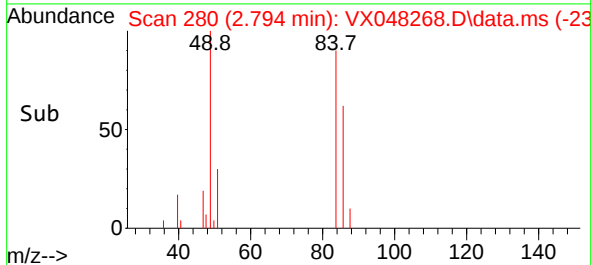
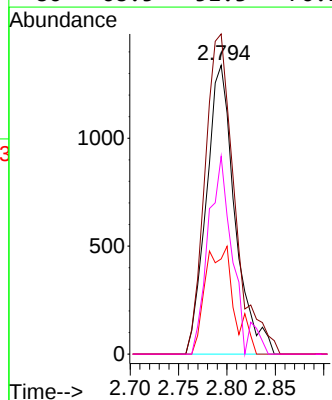
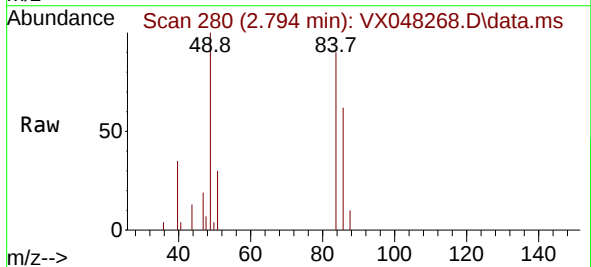
Instrument :
MSVOA_X
ClientSampleId :
VNJ-245

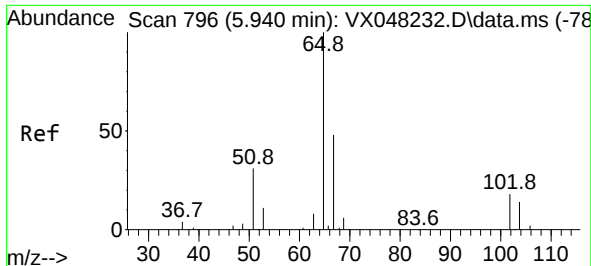
Tgt Ion: 43 Resp: 2318
Ion Ratio Lower Upper
43 100
74 23.2 17.5 26.3



#20
Methylene Chloride
Concen: 2.251 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048268.D
Acq: 21 Oct 2025 14:42

Tgt Ion: 84 Resp: 2754
Ion Ratio Lower Upper
84 100
49 110.8 104.1 156.1
51 33.0 31.3 46.9
86 68.5 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 55.528 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048268.D

Acq: 21 Oct 2025 14:42

Instrument :

MSVOA_X

ClientSampleId :

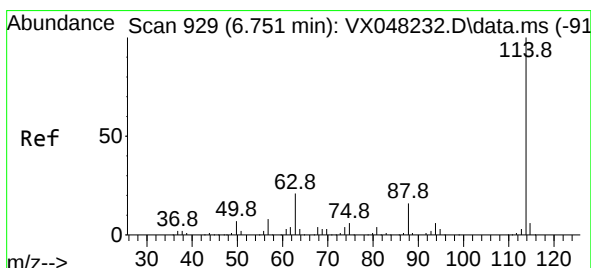
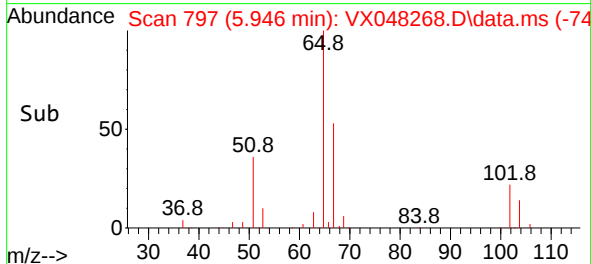
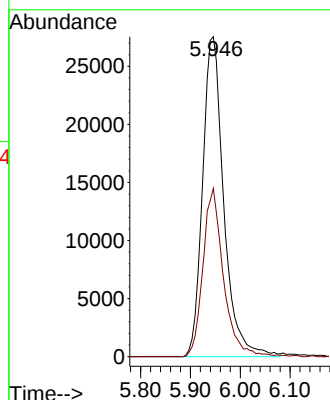
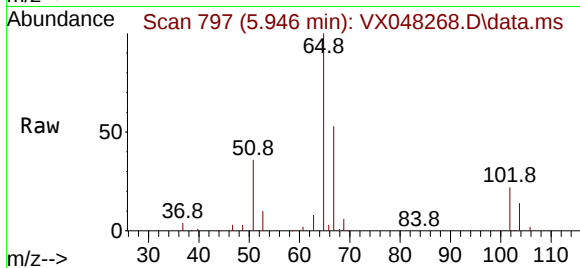
VNJ-245

Tgt Ion: 65 Resp: 81263

Ion Ratio Lower Upper

65 100

67 50.8 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048268.D

Acq: 21 Oct 2025 14:42

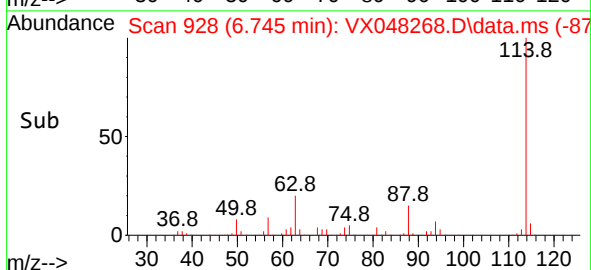
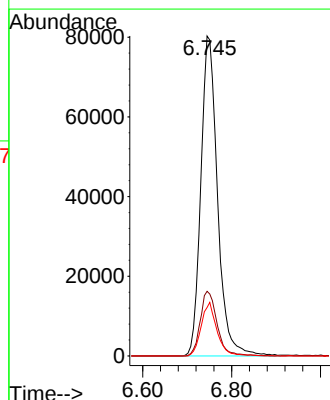
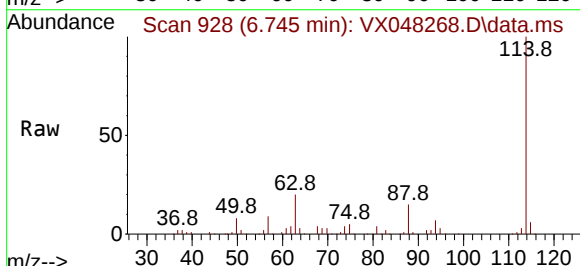
Tgt Ion: 114 Resp: 210456

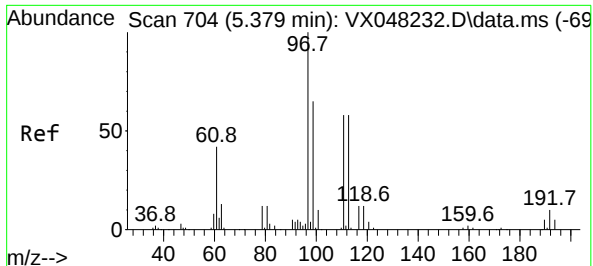
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 15.1 0.0 33.6

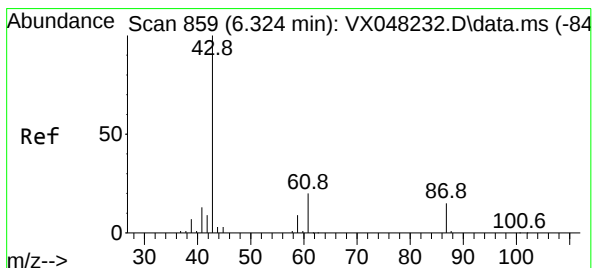
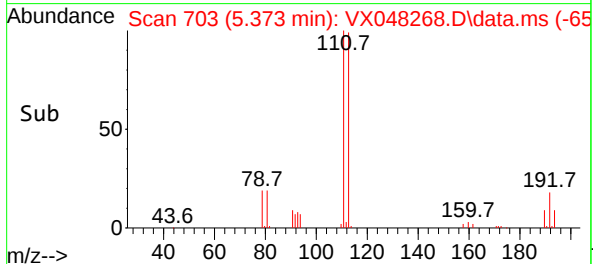
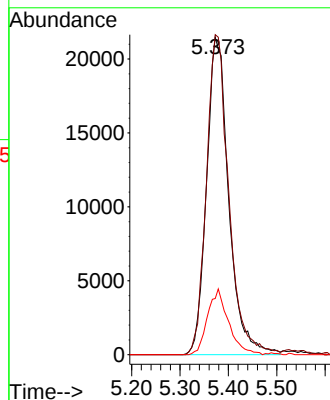
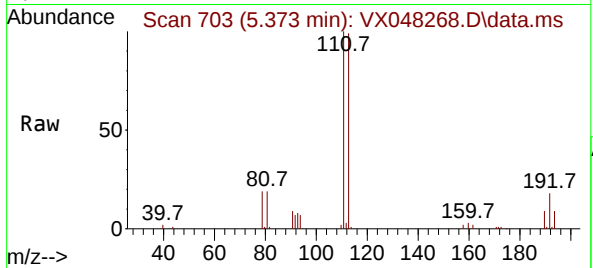




#35
Dibromofluoromethane
Concen: 47.685 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048268.D
Acq: 21 Oct 2025 14:42

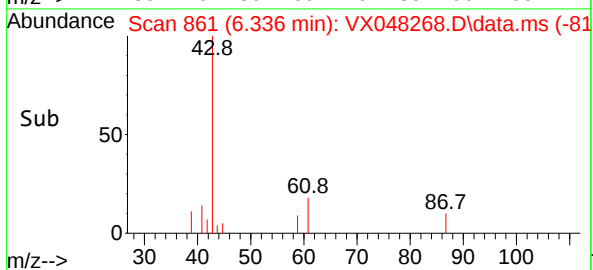
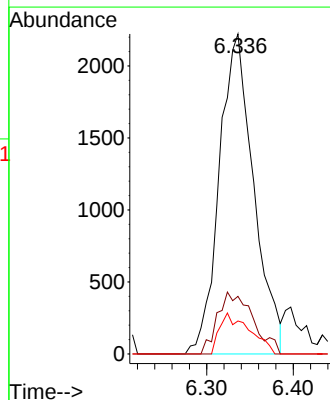
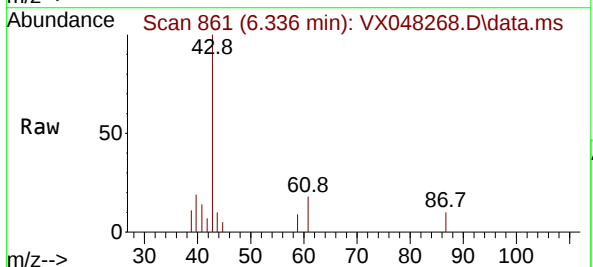
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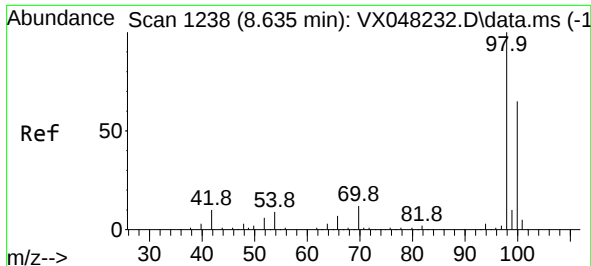
Tgt Ion:113 Resp: 68512
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 19.6 15.1 22.7



#43
Isopropyl Acetate
Concen: 2.209 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.012 min
Lab File: VX048268.D
Acq: 21 Oct 2025 14:42

Tgt Ion: 43 Resp: 6141
Ion Ratio Lower Upper
43 100
61 19.8 14.9 22.3
87 11.1 9.4 14.2

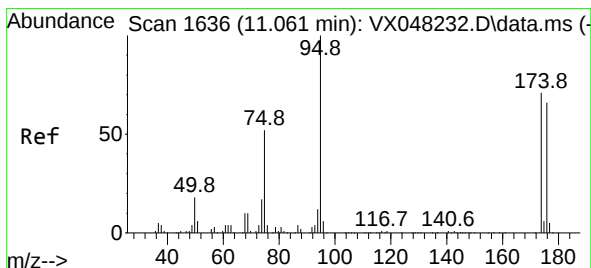
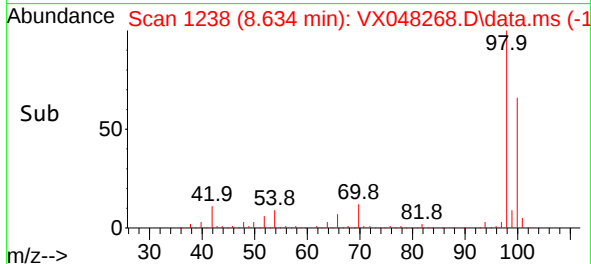
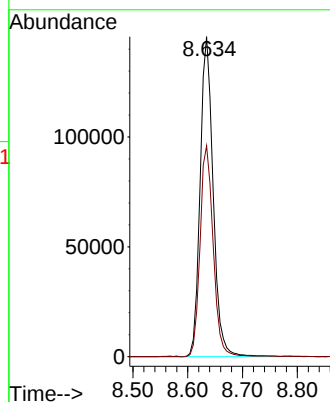
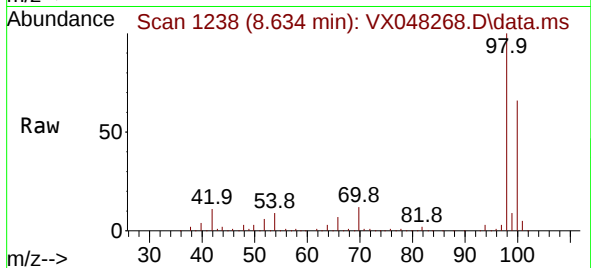




#50
Toluene-d8
Concen: 47.749 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048268.D
Acq: 21 Oct 2025 14:42

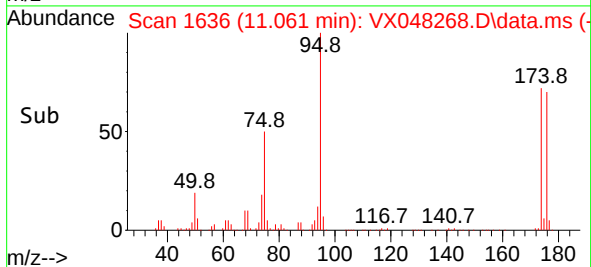
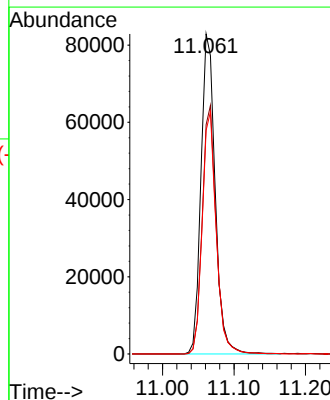
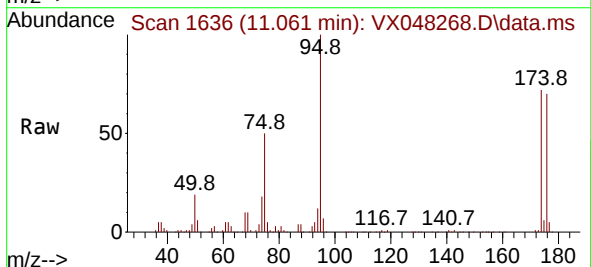
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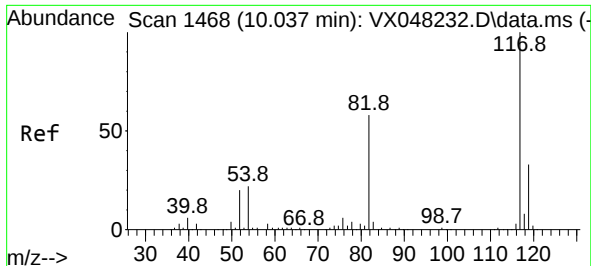
Tgt Ion: 98 Resp: 240463
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 59.681 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048268.D
Acq: 21 Oct 2025 14:42

Tgt Ion: 95 Resp: 114339
Ion Ratio Lower Upper
95 100
174 76.4 0.0 147.8
176 74.4 0.0 142.8

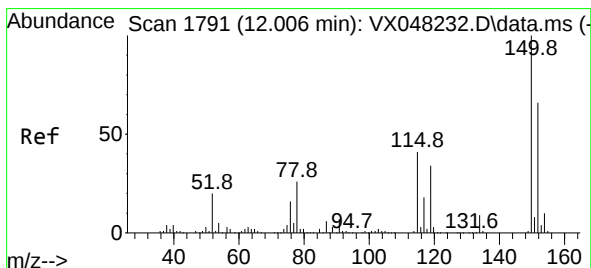
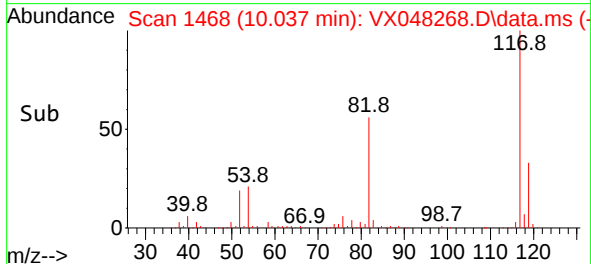
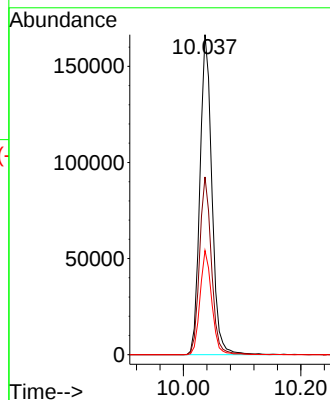
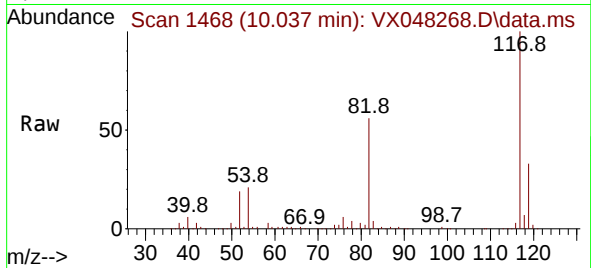




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048268.D
Acq: 21 Oct 2025 14:42

Instrument :
MSVOA_X
ClientSampleId :
VNJ-245

Tgt Ion:117 Resp: 235577
Ion Ratio Lower Upper
117 100
82 55.5 46.5 69.7
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048268.D
Acq: 21 Oct 2025 14:42

Tgt Ion:152 Resp: 125257
Ion Ratio Lower Upper
152 100
115 61.1 43.1 129.4
150 157.6 0.0 353.0

