

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048143.D
 Acq On : 13 Oct 2025 15:30
 Operator : JC/MD
 Sample : Q3321-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-DS-01

Quant Time: Oct 14 01:56:05 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)

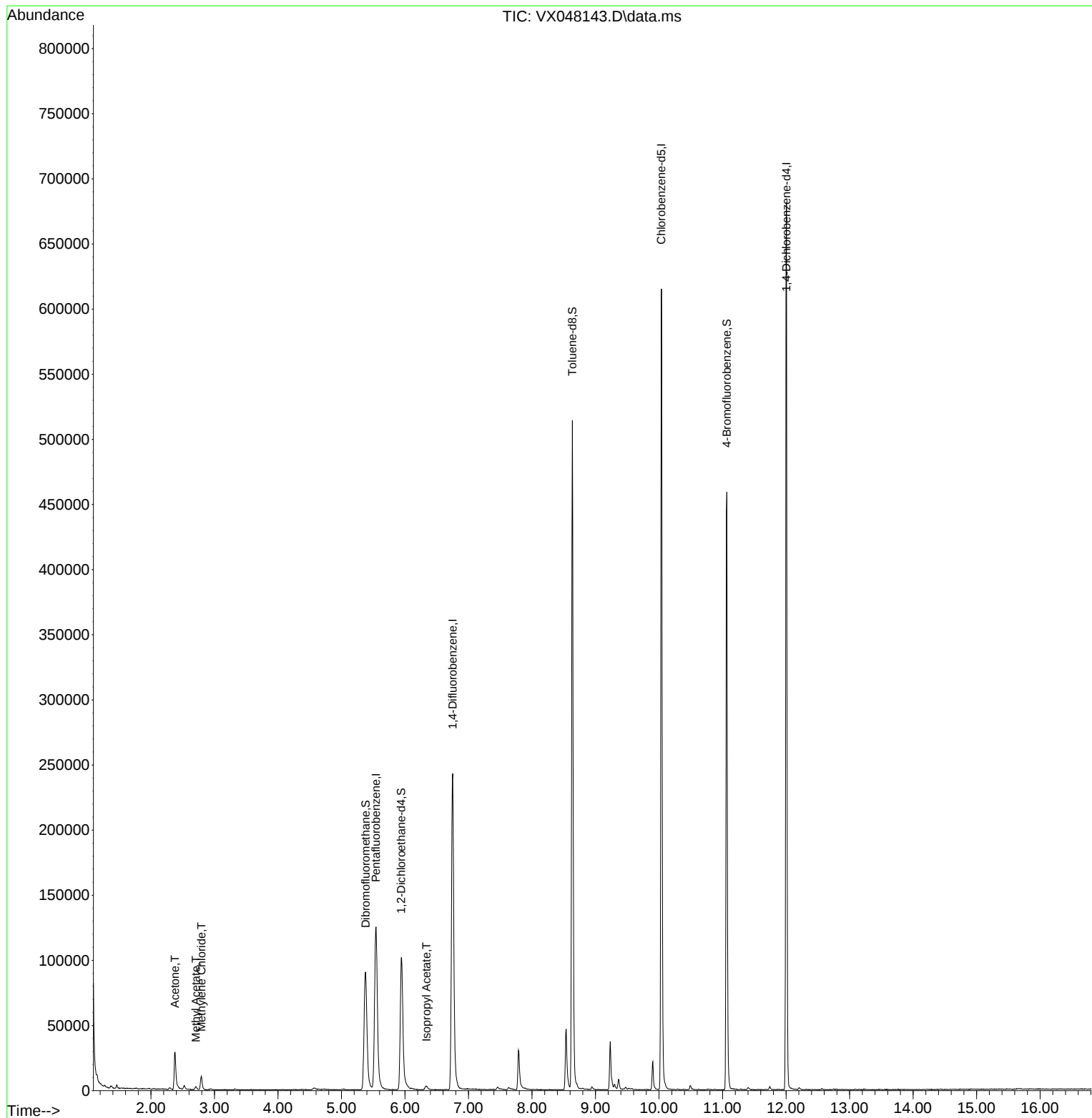
Internal Standards						
1) Pentafluorobenzene	5.544	168	125413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	262380	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	277983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	112725	56.468	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.940%
35) Dibromofluoromethane	5.379	113	90650	51.516	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.040%
50) Toluene-d8	8.634	98	308347	50.642	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.280%
62) 4-Bromofluorobenzene	11.067	95	132352	57.275	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.560%
Target Compounds						
						Qvalue
16) Acetone	2.379	43	37321	42.998	ug/l	99
18) Methyl Acetate	2.709	43	3801	1.968	ug/l	93
20) Methylene Chloride	2.794	84	5215	2.838	ug/l	93
43) Isopropyl Acetate	6.336	43	5035	1.115	ug/l #	87

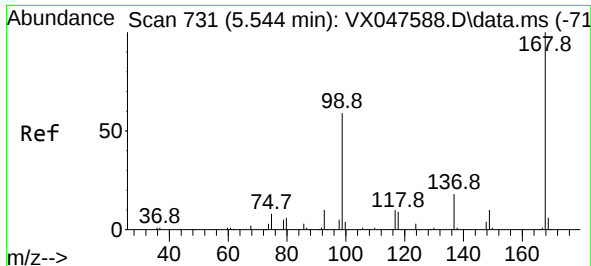
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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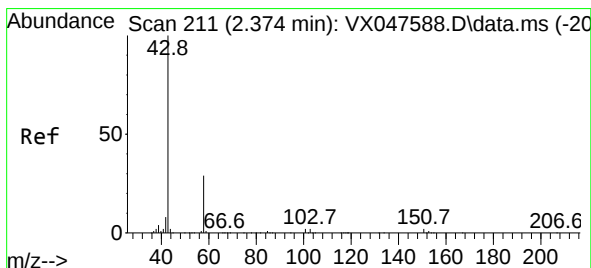
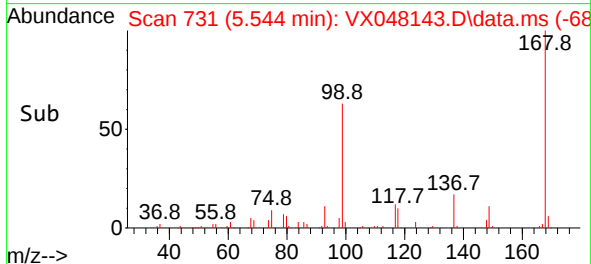
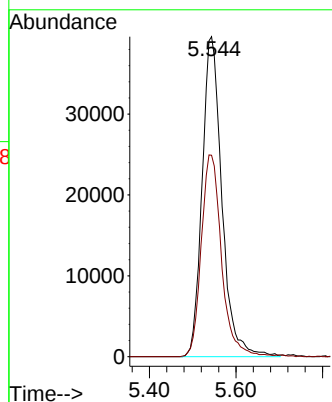
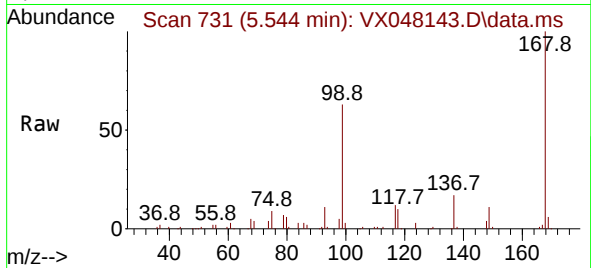




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048143.D
Acq: 13 Oct 2025 15:30

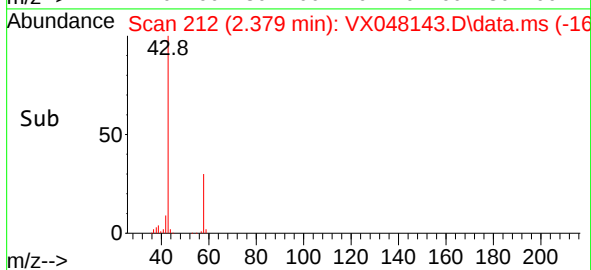
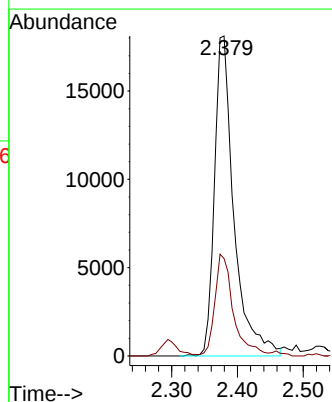
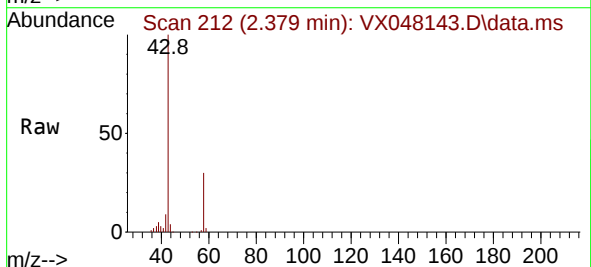
Instrument :
MSVOA_X
ClientSampleId :
P001-DS-01

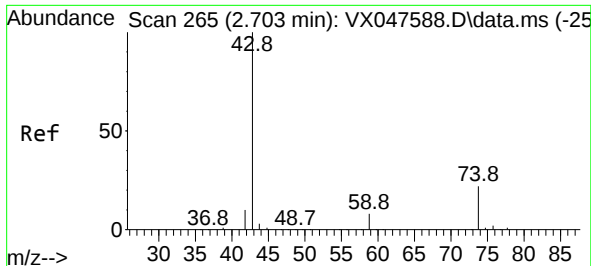
Tgt Ion:168 Resp: 125413
Ion Ratio Lower Upper
168 100
99 63.0 48.8 73.2



#16
Acetone
Concen: 42.998 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048143.D
Acq: 13 Oct 2025 15:30

Tgt Ion: 43 Resp: 37321
Ion Ratio Lower Upper
43 100
58 29.6 23.4 35.0





#18

Methyl Acetate

Concen: 1.968 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX048143.D

Acq: 13 Oct 2025 15:30

Instrument :

MSVOA_X

ClientSampleId :

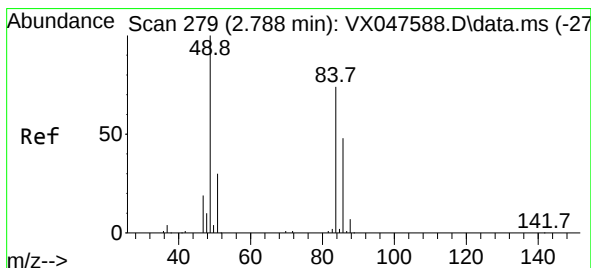
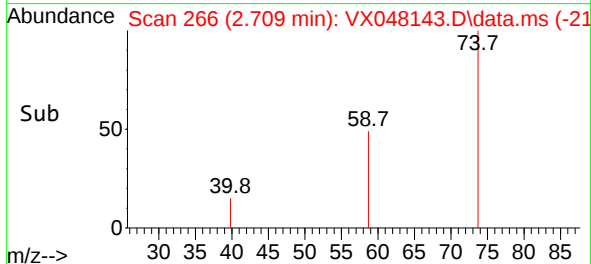
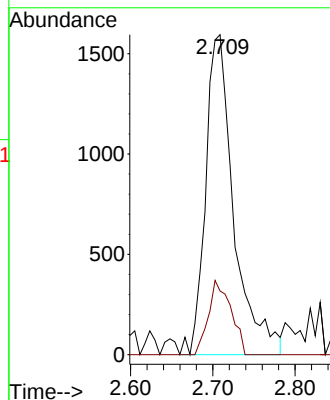
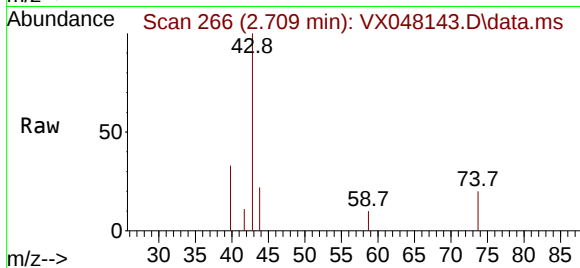
P001-DS-01

Tgt Ion: 43 Resp: 3801

Ion Ratio Lower Upper

43 100

74 18.6 17.4 26.2



#20

Methylene Chloride

Concen: 2.838 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX048143.D

Acq: 13 Oct 2025 15:30

Tgt Ion: 84 Resp: 5215

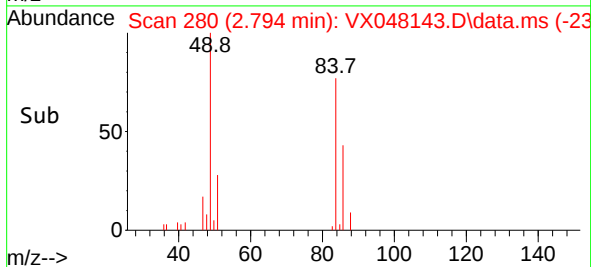
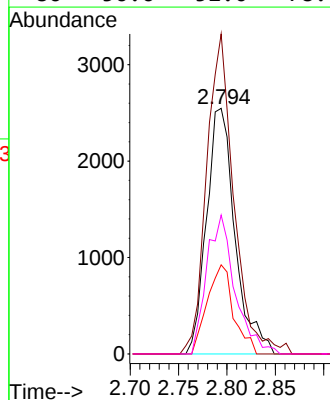
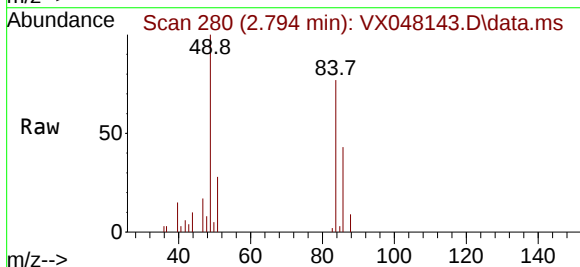
Ion Ratio Lower Upper

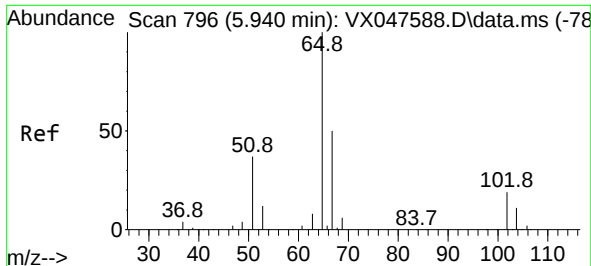
84 100

49 130.3 108.6 162.8

51 36.3 32.6 48.8

86 56.6 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 56.468 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048143.D

Acq: 13 Oct 2025 15:30

Instrument :

MSVOA_X

ClientSampleId :

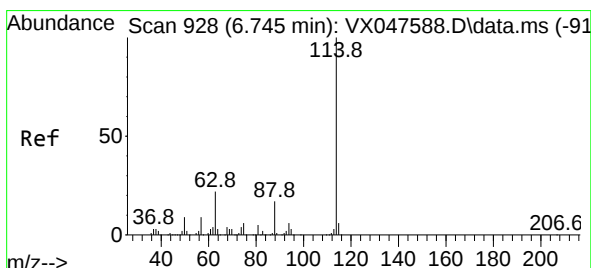
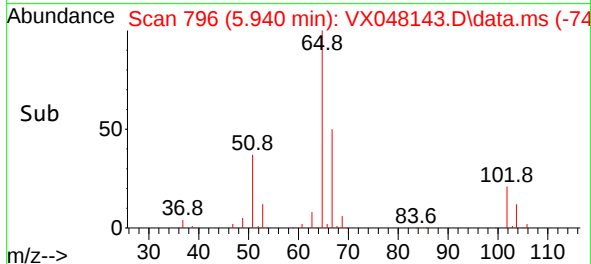
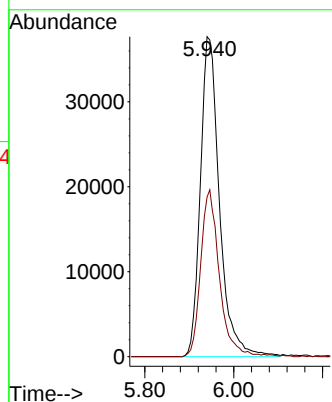
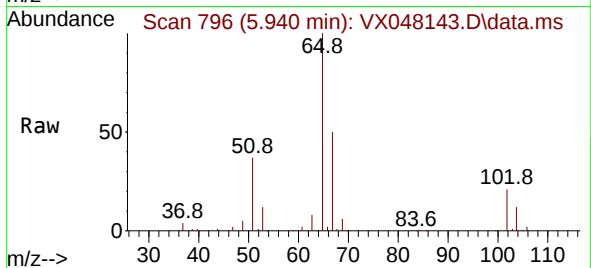
P001-DS-01

Tgt Ion: 65 Resp: 112725

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048143.D

Acq: 13 Oct 2025 15:30

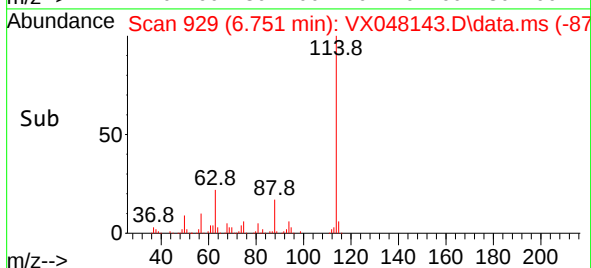
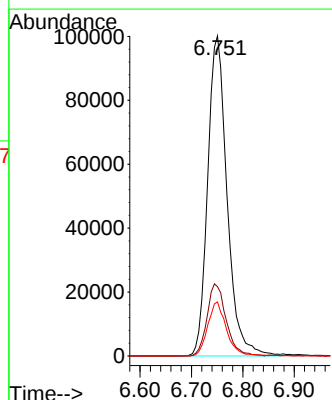
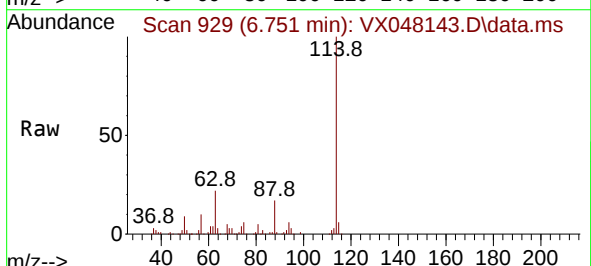
Tgt Ion: 114 Resp: 262380

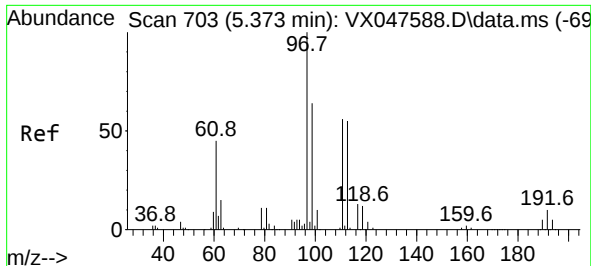
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.0

88 16.9 0.0 34.2

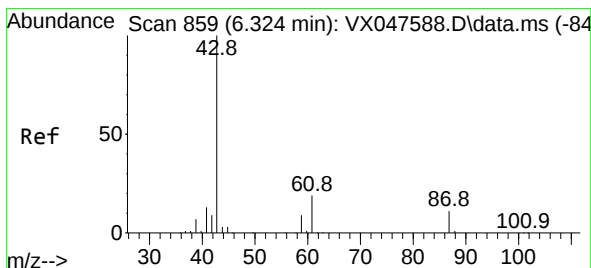
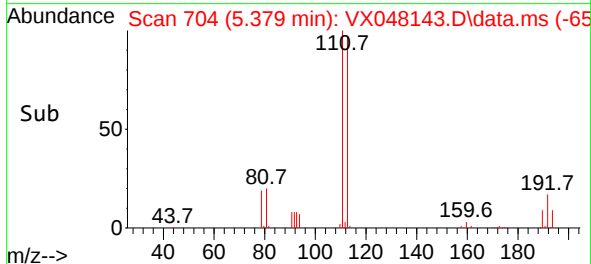
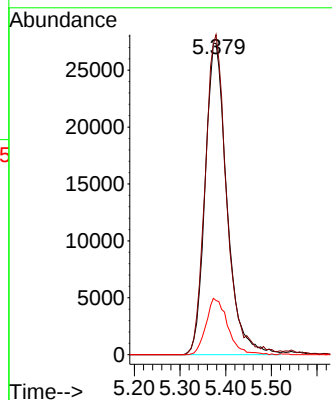
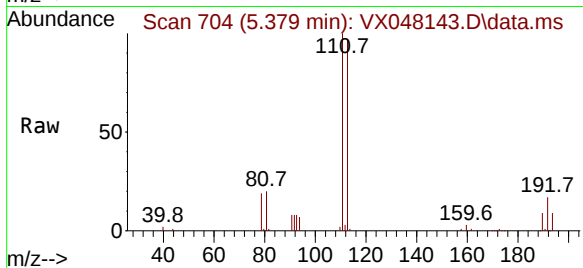




#35
Dibromofluoromethane
Concen: 51.516 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048143.D
Acq: 13 Oct 2025 15:30

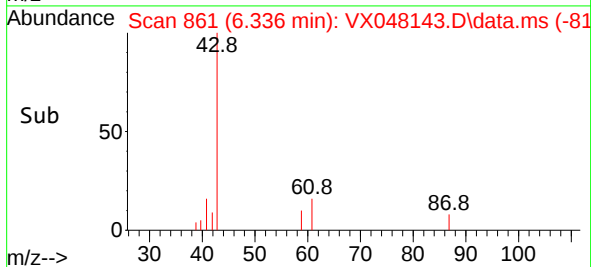
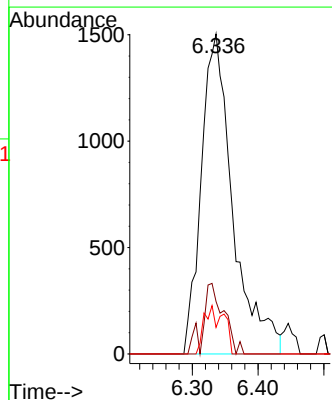
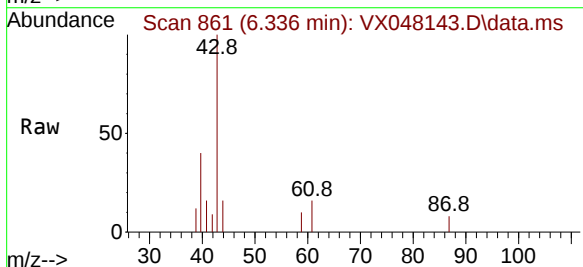
Instrument :
MSVOA_X
ClientSampleId :
P001-DS-01

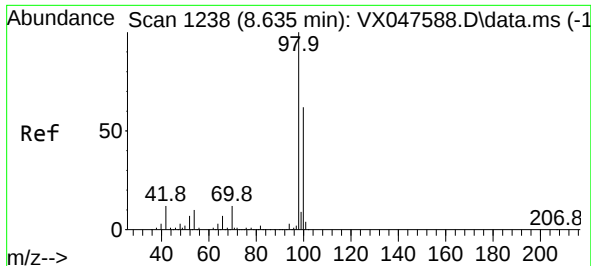
Tgt Ion:113 Resp: 90650
Ion Ratio Lower Upper
113 100
111 101.7 80.9 121.3
192 18.1 14.2 21.4



#43
Isopropyl Acetate
Concen: 1.115 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.012 min
Lab File: VX048143.D
Acq: 13 Oct 2025 15:30

Tgt Ion: 43 Resp: 5035
Ion Ratio Lower Upper
43 100
61 14.5 15.2 22.8#
87 5.5 9.6 14.4#

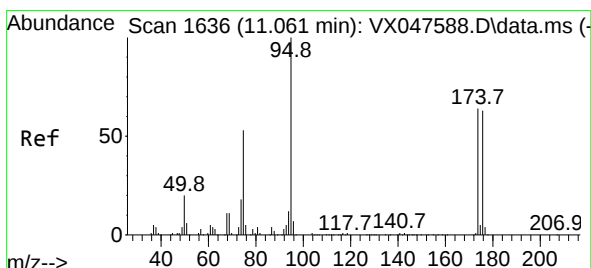
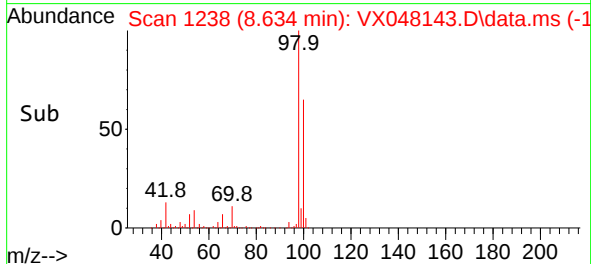
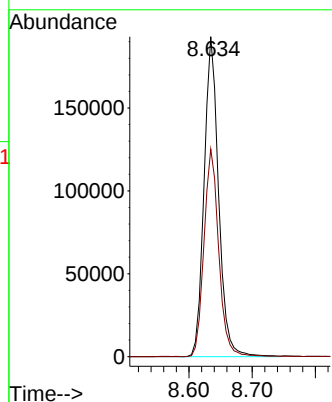
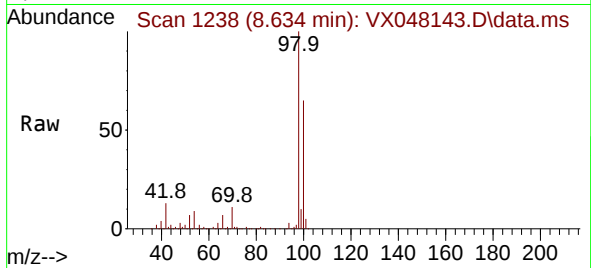




#50
Toluene-d8
Concen: 50.642 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048143.D
Acq: 13 Oct 2025 15:30

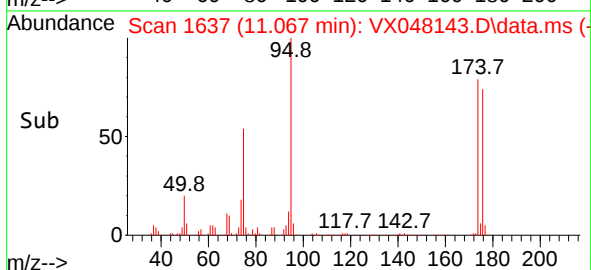
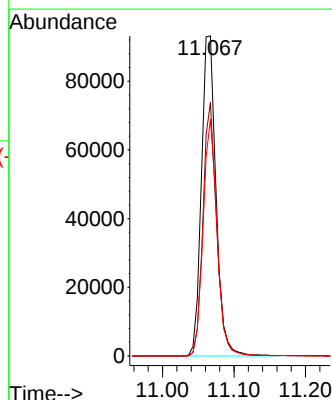
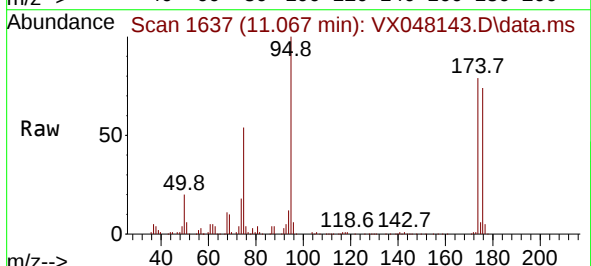
Instrument :
MSVOA_X
ClientSampleId :
P001-DS-01

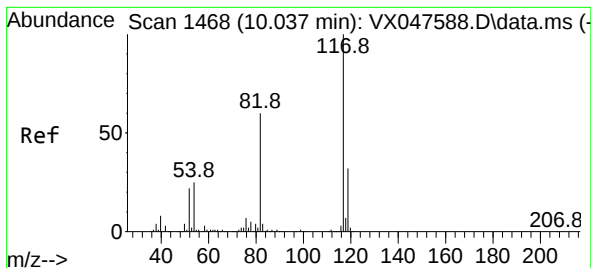
Tgt Ion: 98 Resp: 308347
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.275 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048143.D
Acq: 13 Oct 2025 15:30

Tgt Ion: 95 Resp: 132352
Ion Ratio Lower Upper
95 100
174 74.3 0.0 141.6
176 70.8 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: VX048143.D

Acq: 13 Oct 2025 15:30

Instrument :

MSVOA_X

ClientSampleId :

P001-DS-01

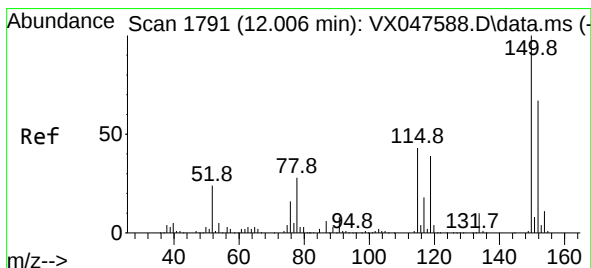
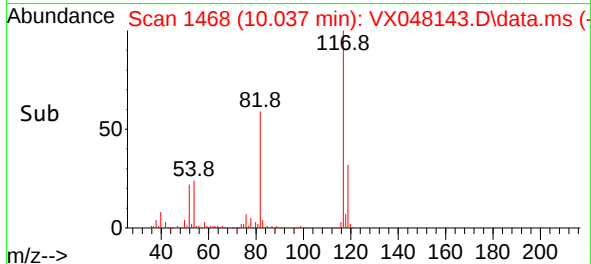
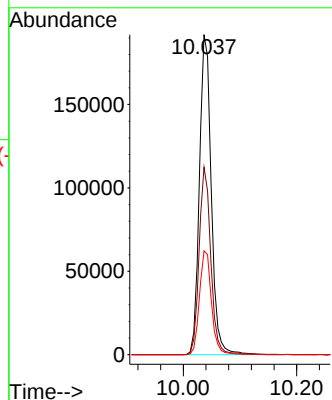
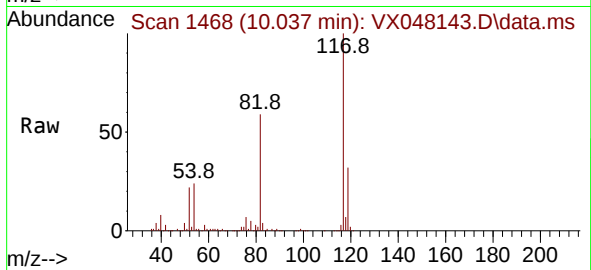
Tgt Ion:117 Resp: 277983

Ion Ratio Lower Upper

117 100

82 58.5 47.8 71.6

119 32.5 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: VX048143.D

Acq: 13 Oct 2025 15:30

Tgt Ion:152 Resp: 140622

Ion Ratio Lower Upper

152 100

115 62.6 44.9 134.5

150 156.5 0.0 352.0

