

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048146.D
 Acq On : 13 Oct 2025 16:32
 Operator : JC/MD
 Sample : Q3327-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HADLEY-ROAD-TP

Quant Time: Oct 14 01:57:15 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)

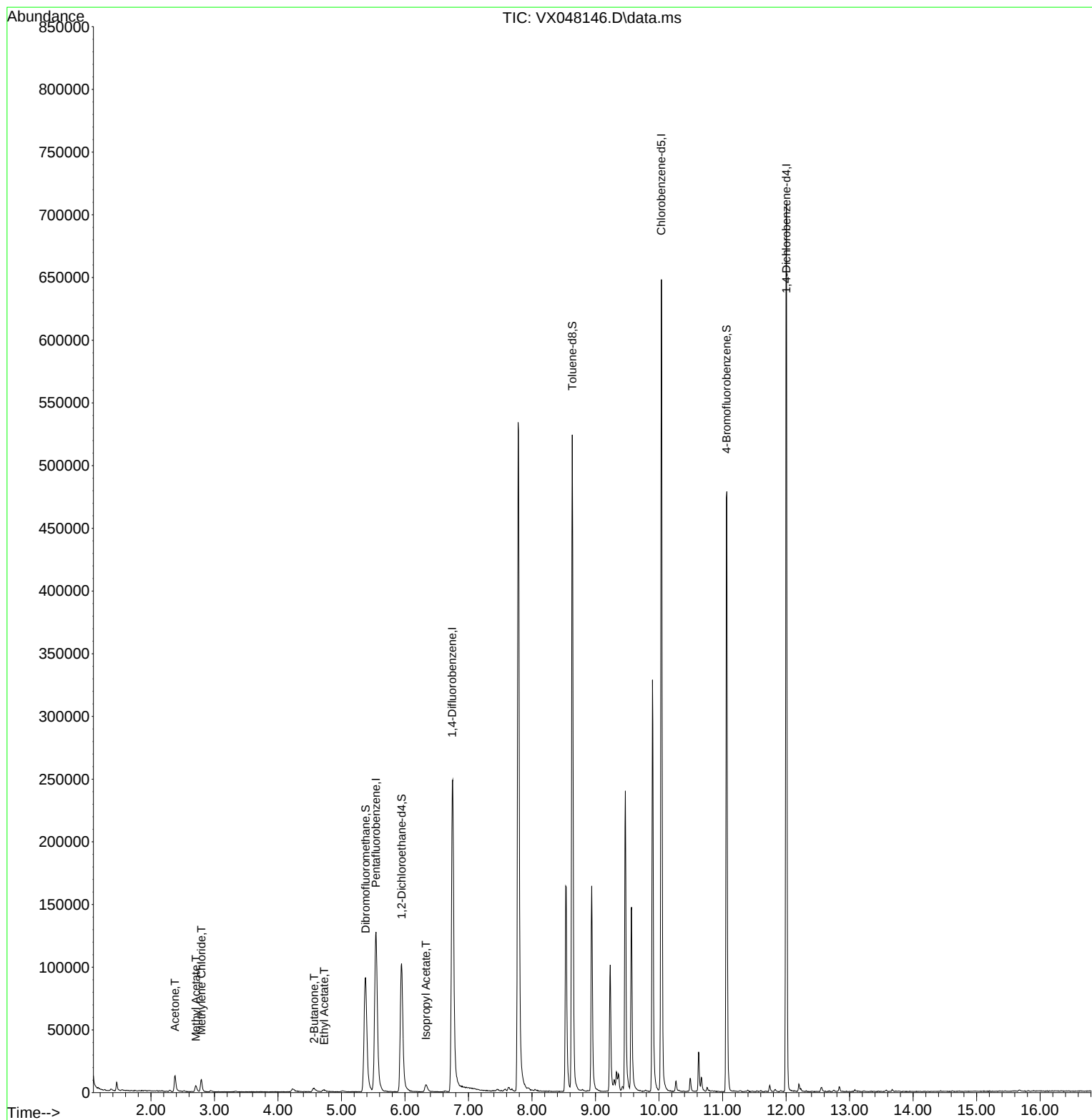
Internal Standards						
1) Pentafluorobenzene	5.544	168	127936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	267189	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	287886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	146879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112619	55.302	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.600%	
35) Dibromofluoromethane	5.379	113	90681	50.606	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.220%	
50) Toluene-d8	8.634	98	312106	50.337	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	11.061	95	137410	58.394	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.780%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	17054	19.260	ug/l	98
18) Methyl Acetate	2.709	43	7790	3.953	ug/l	94
20) Methylene Chloride	2.794	84	4836	2.580	ug/l	96
25) 2-Butanone	4.568	43	7181	6.502	ug/l #	86
37) Ethyl Acetate	4.727	43	3904	1.393	ug/l #	89
43) Isopropyl Acetate	6.330	43	9519	2.070	ug/l #	82

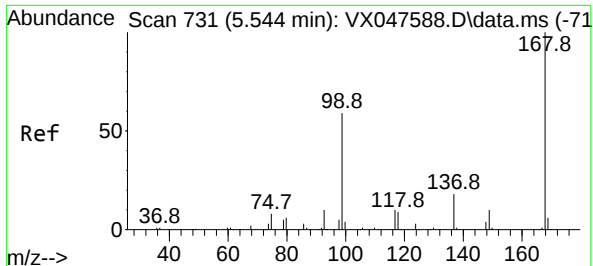
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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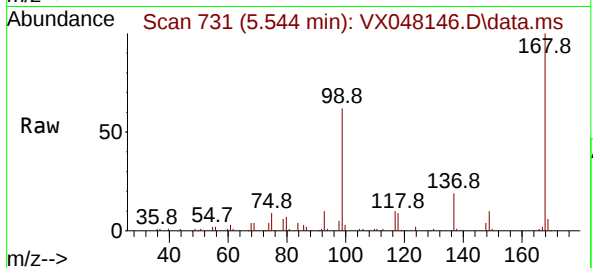
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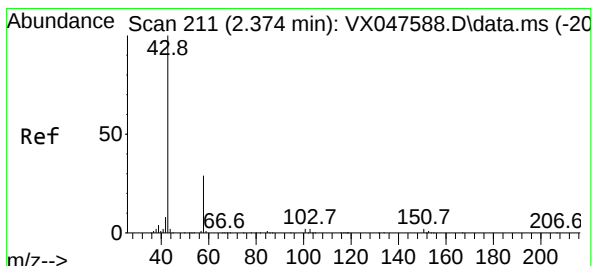
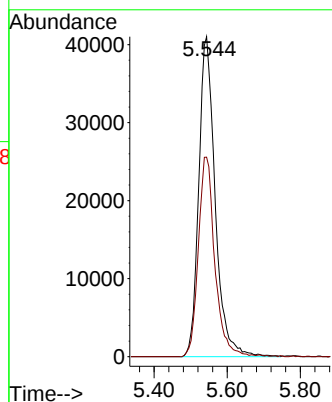
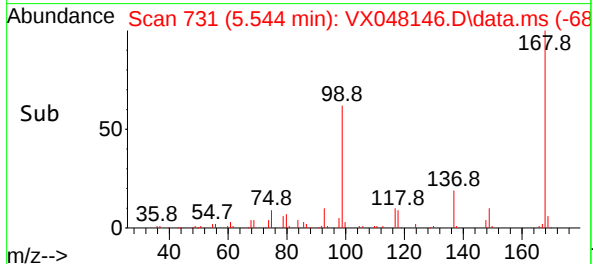


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048146.D
Acq: 13 Oct 2025 16:32

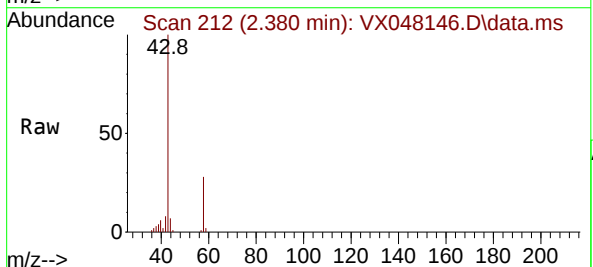
Instrument :
MSVOA_X
ClientSampleId :
HADLEY-ROAD-TP



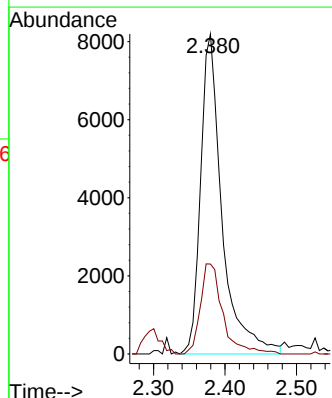
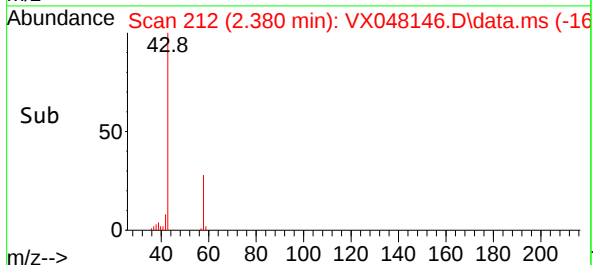
Tgt Ion:168 Resp: 127936
Ion Ratio Lower Upper
168 100
99 62.4 48.8 73.2

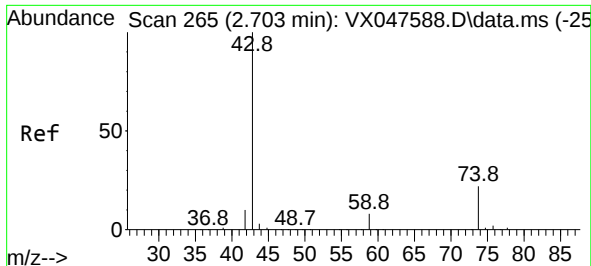


#16
Acetone
Concen: 19.260 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048146.D
Acq: 13 Oct 2025 16:32



Tgt Ion: 43 Resp: 17054
Ion Ratio Lower Upper
43 100
58 28.1 23.4 35.0

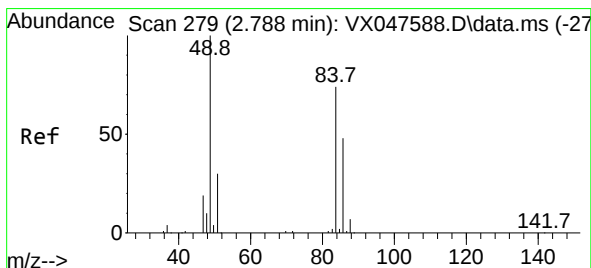
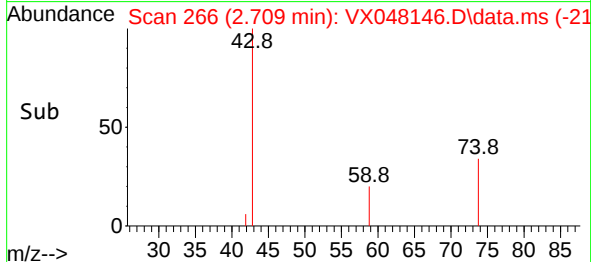
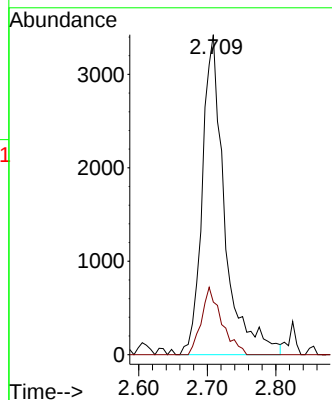
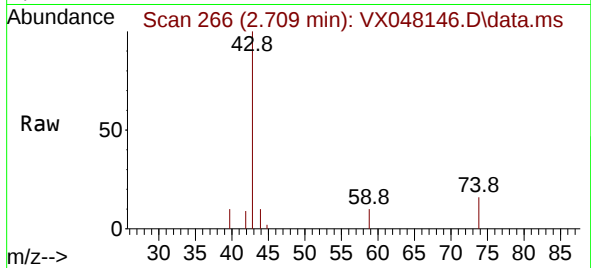




#18
Methyl Acetate
Concen: 3.953 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX048146.D
Acq: 13 Oct 2025 16:32

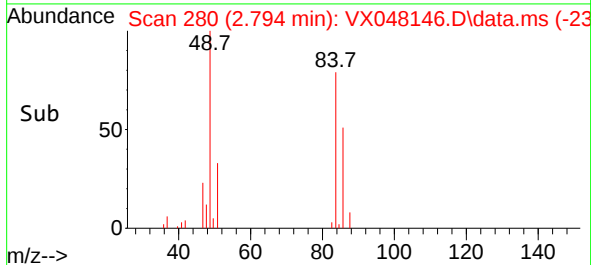
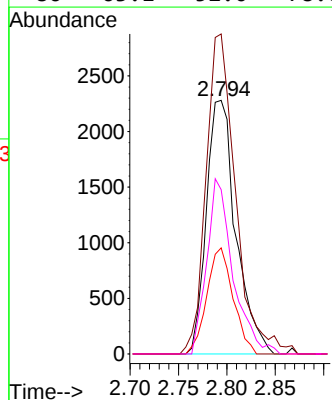
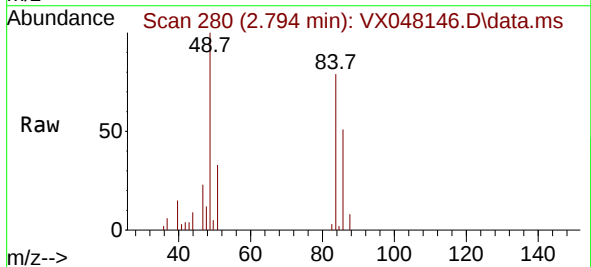
Instrument :
MSVOA_X
ClientSampleId :
HADLEY-ROAD-TP

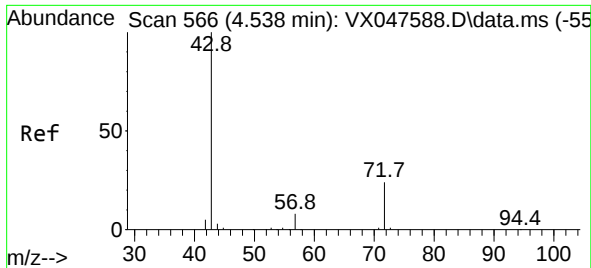
Tgt Ion: 43 Resp: 7790
Ion Ratio Lower Upper
43 100
74 19.1 17.4 26.2



#20
Methylene Chloride
Concen: 2.580 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048146.D
Acq: 13 Oct 2025 16:32

Tgt Ion: 84 Resp: 4836
Ion Ratio Lower Upper
84 100
49 128.9 108.6 162.8
51 40.7 32.6 48.8
86 63.1 52.0 78.0

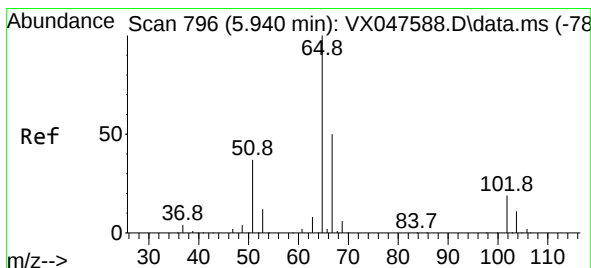
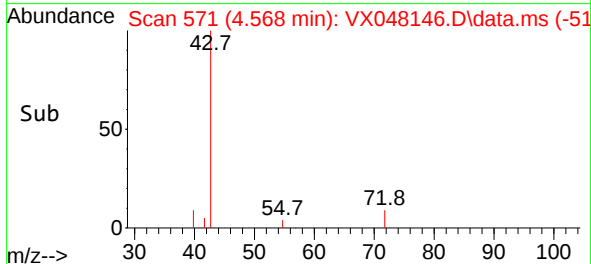
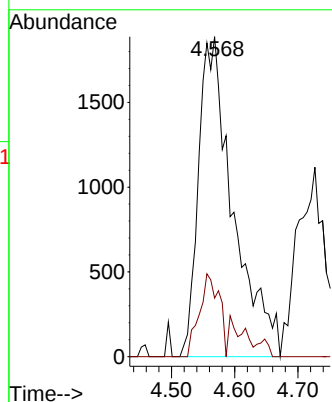
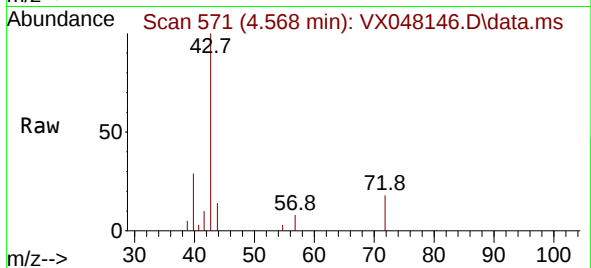




#25
2-Butanone
Concen: 6.502 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX048146.D
Acq: 13 Oct 2025 16:32

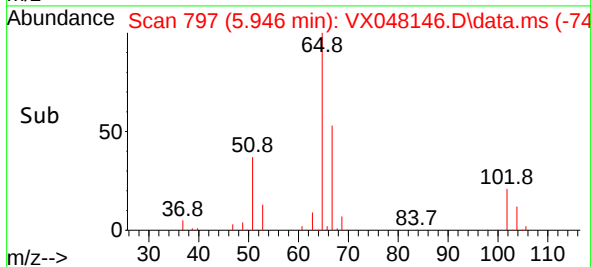
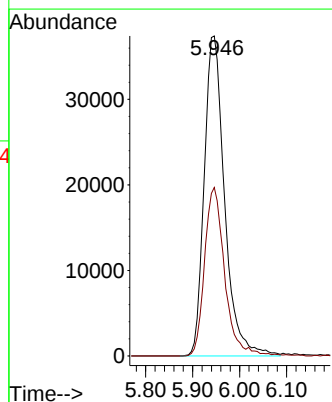
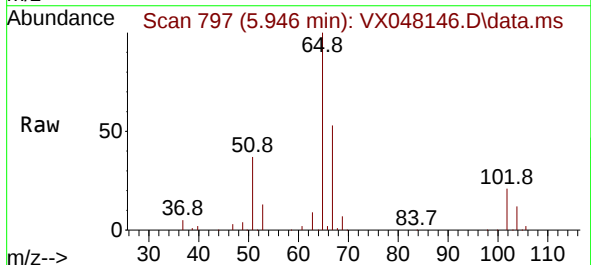
Instrument :
MSVOA_X
ClientSampleId :
HADLEY-ROAD-TP

Tgt Ion: 43 Resp: 7181
Ion Ratio Lower Upper
43 100
72 18.3 20.1 30.1#



#33
1,2-Dichloroethane-d4
Concen: 55.302 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048146.D
Acq: 13 Oct 2025 16:32

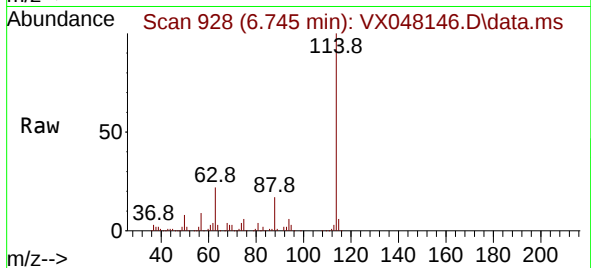
Tgt Ion: 65 Resp: 112619
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0



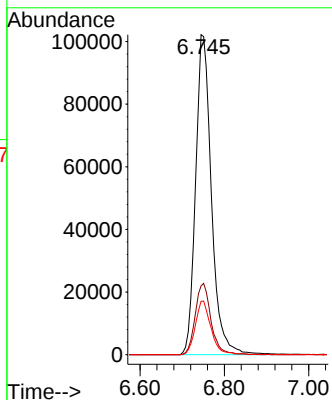
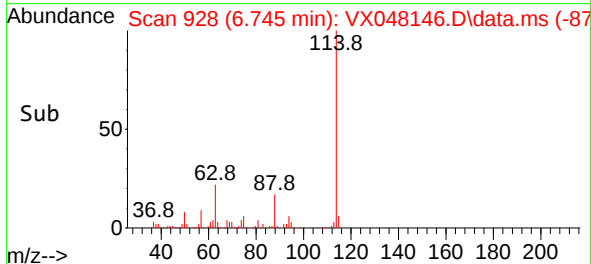


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048146.D
Acq: 13 Oct 2025 16:32

Instrument :
MSVOA_X
ClientSampleId :
HADLEY-ROAD-TP

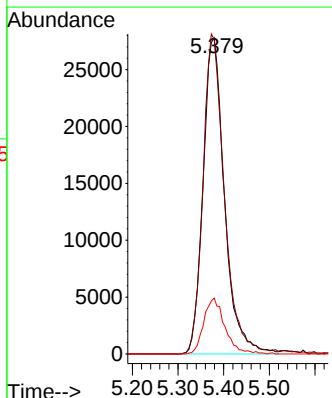
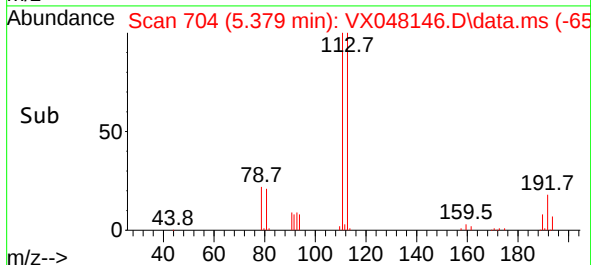
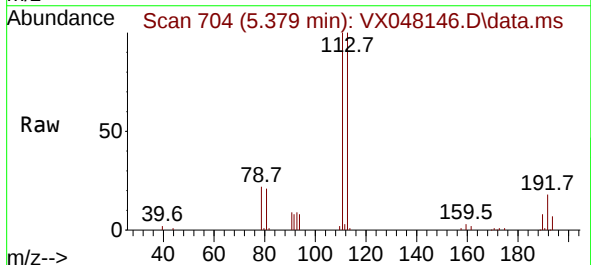


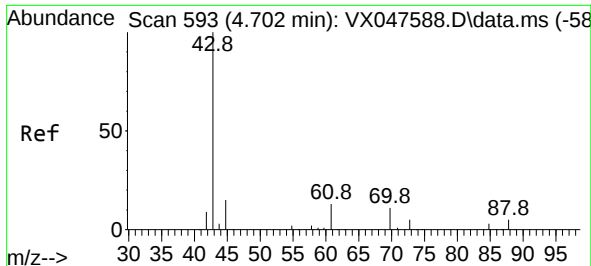
Tgt Ion:114 Resp: 267189
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 16.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.606 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048146.D
Acq: 13 Oct 2025 16:32

Tgt Ion:113 Resp: 90681
Ion Ratio Lower Upper
113 100
111 101.1 80.9 121.3
192 17.4 14.2 21.4





#37

Ethyl Acetate

Concen: 1.393 ug/l

RT: 4.727 min Scan# 593

Delta R.T. 0.024 min

Lab File: VX048146.D

Acq: 13 Oct 2025 16:32

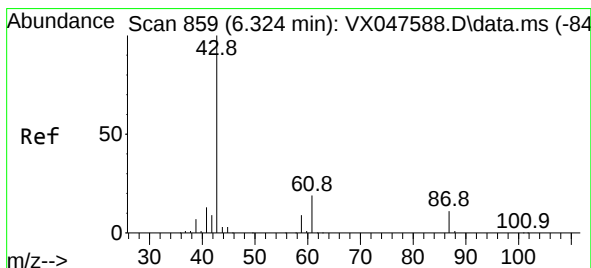
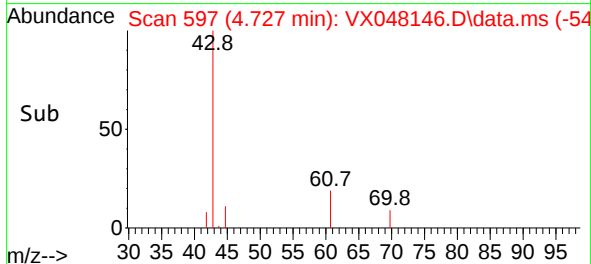
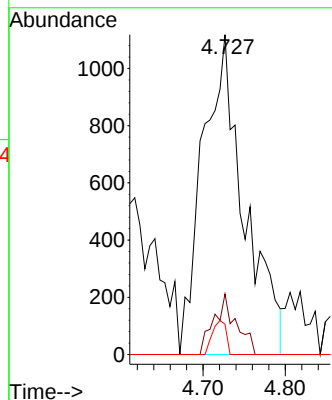
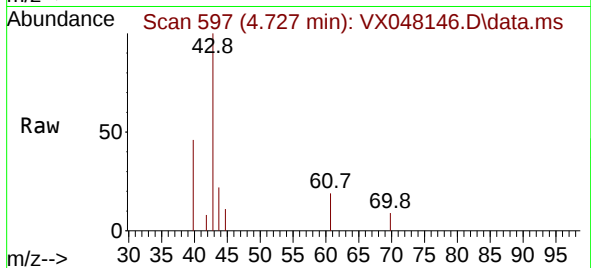
Instrument :

MSVOA_X

ClientSampleId :

HADLEY-ROAD-TP

Tgt Ion:	43	Resp:	3904
Ion	Ratio	Lower	Upper
43	100		
61	10.3	9.8	14.8
70	3.5	7.9	11.9#



#43

Isopropyl Acetate

Concen: 2.070 ug/l

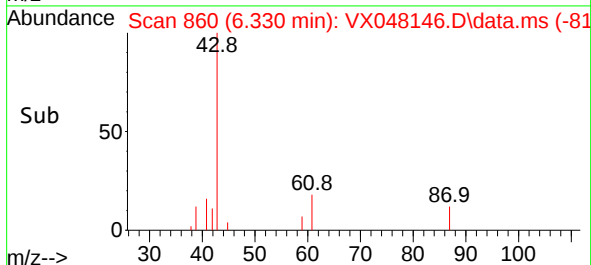
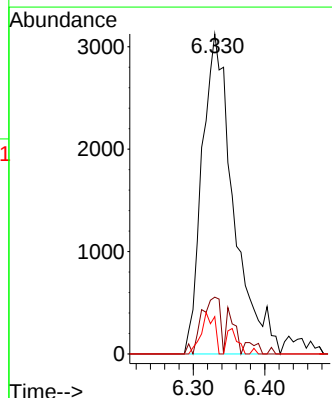
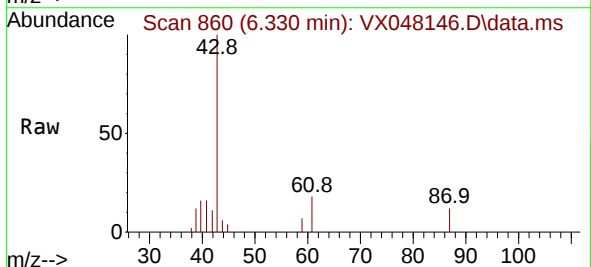
RT: 6.330 min Scan# 860

Delta R.T. 0.006 min

Lab File: VX048146.D

Acq: 13 Oct 2025 16:32

Tgt Ion:	43	Resp:	9519
Ion	Ratio	Lower	Upper
43	100		
61	10.6	15.2	22.8#
87	5.5	9.6	14.4#

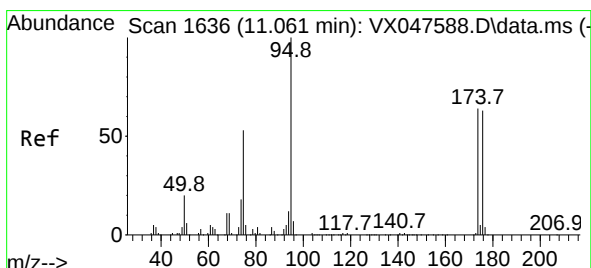
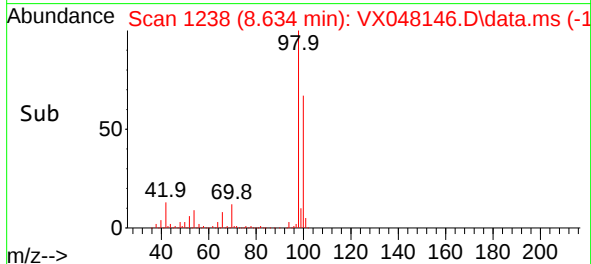
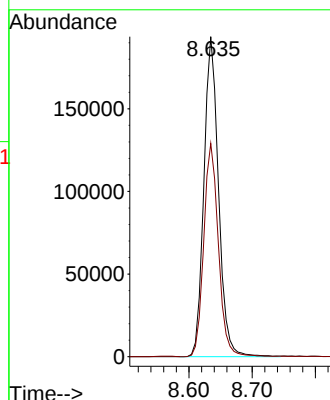
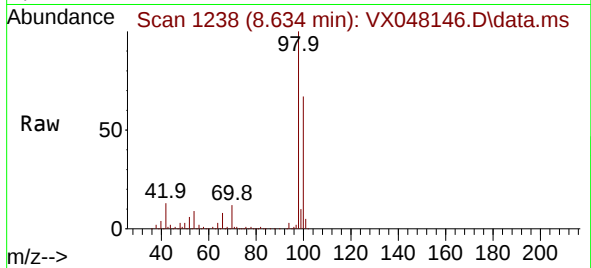




#50
Toluene-d8
Concen: 50.337 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048146.D
Acq: 13 Oct 2025 16:32

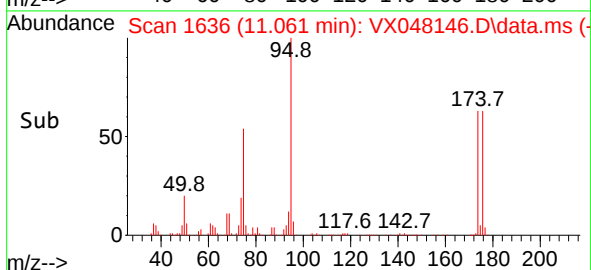
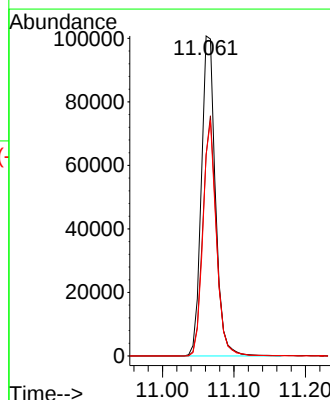
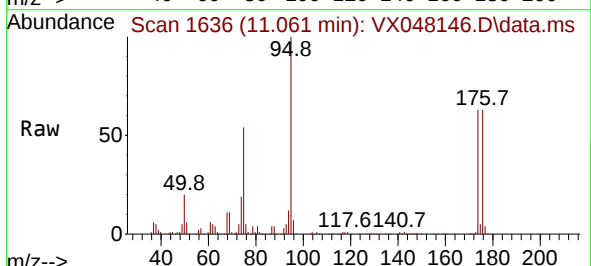
Instrument :
MSVOA_X
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HADLEY-ROAD-TP

Tgt Ion: 98 Resp: 312106
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.394 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048146.D
Acq: 13 Oct 2025 16:32

Tgt Ion: 95 Resp: 137410
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.6
176 70.2 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: VX048146.D

Acq: 13 Oct 2025 16:32

Instrument :

MSVOA_X

ClientSampleId :

HADLEY-ROAD-TP

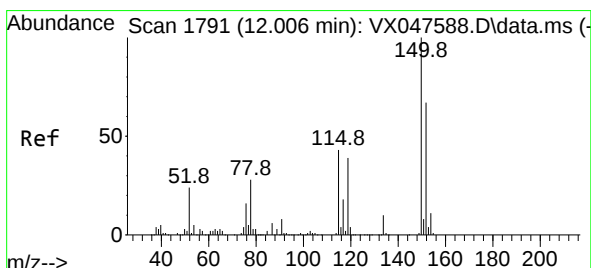
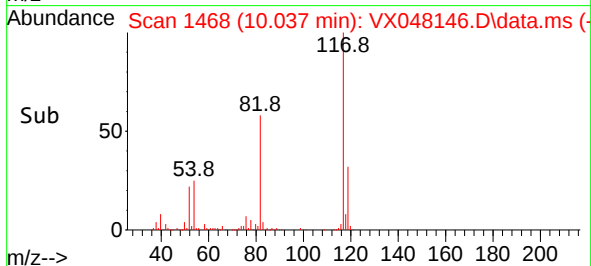
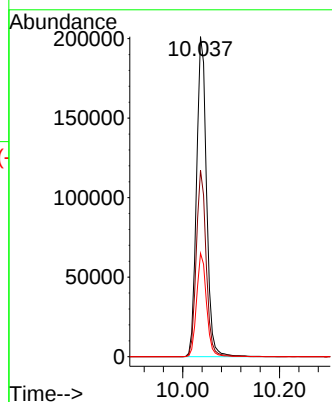
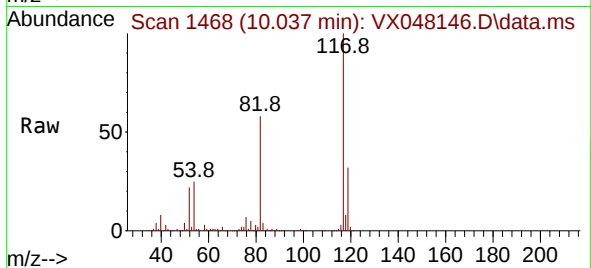
Tgt Ion:117 Resp: 287886

Ion Ratio Lower Upper

117 100

82 58.3 47.8 71.6

119 32.3 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: VX048146.D

Acq: 13 Oct 2025 16:32

Tgt Ion:152 Resp: 146879

Ion Ratio Lower Upper

152 100

115 62.8 44.9 134.5

150 156.8 0.0 352.0

