

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
 Data File : VX046273.D
 Acq On : 19 May 2025 17:21
 Operator : JC/MD
 Sample : Q2053-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-4

Quant Time: May 19 23:14:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

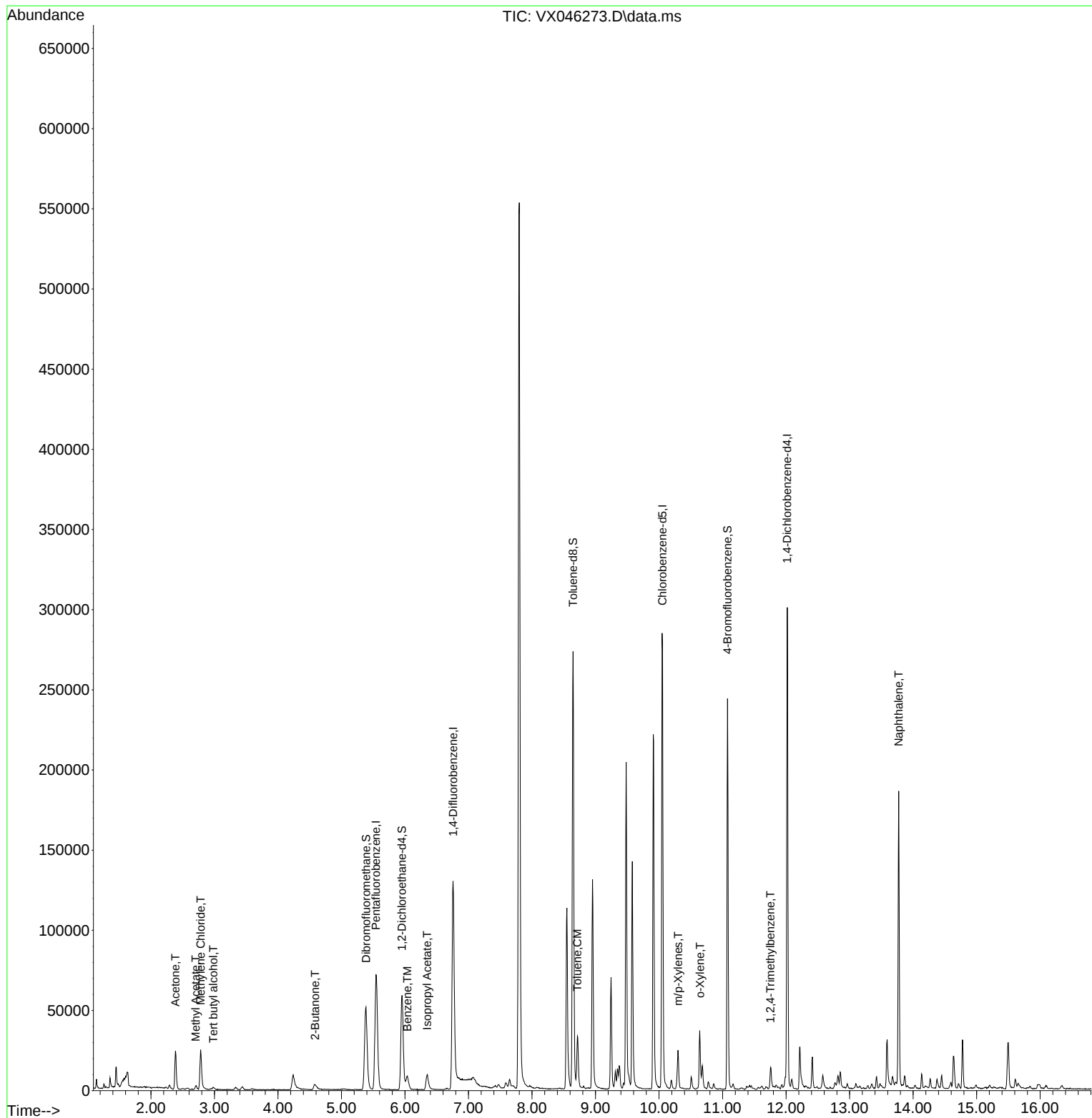
Internal Standards						
1) Pentafluorobenzene	5.544	168	60403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122480	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61382	54.508	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	= 109.020%		
35) Dibromofluoromethane	5.385	113	44832	50.831	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 101.660%		
50) Toluene-d8	8.647	98	157269	51.519	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	= 103.040%		
62) 4-Bromofluorobenzene	11.079	95	62566	53.431	ug/l	0.00
Spiked Amount 50.000	Range	77 - 121	Recovery	= 106.860%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.983	59	1709	10.812	ug/l #	94
16) Acetone	2.386	43	25914	57.393	ug/l	100
18) Methyl Acetate	2.703	43	3537	3.376	ug/l	94
20) Methylene Chloride	2.782	84	11541	13.338	ug/l	97
25) 2-Butanone	4.587	43	8359	12.752	ug/l	98
40) Benzene	6.037	78	9527	2.745	ug/l	96
43) Isopropyl Acetate	6.348	43	14295	6.400	ug/l	97
52) Toluene	8.714	92	11911	5.596	ug/l	99
68) m/p-Xylenes	10.299	106	4851	2.904	ug/l	97
69) o-Xylene	10.646	106	3123	1.918	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	4582	1.265	ug/l	72
95) Naphthalene	13.774	128	102762	26.798	ug/l	99

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

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Quant Time: May 19 23:14:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

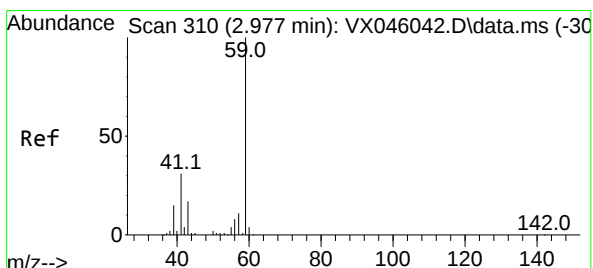
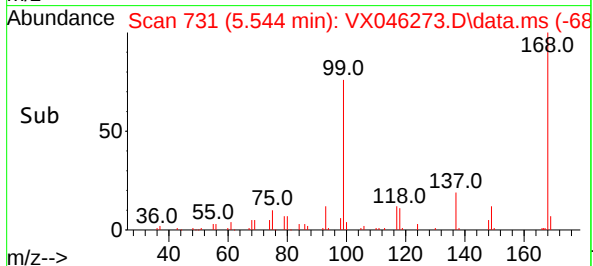
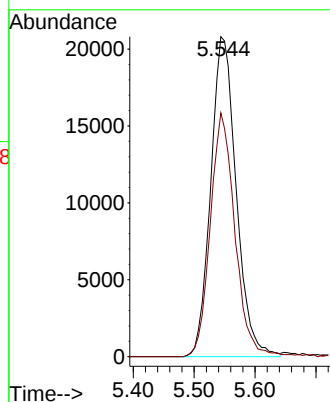
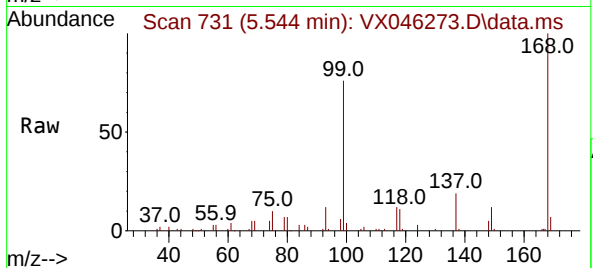




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046273.D
Acq: 19 May 2025 17:21

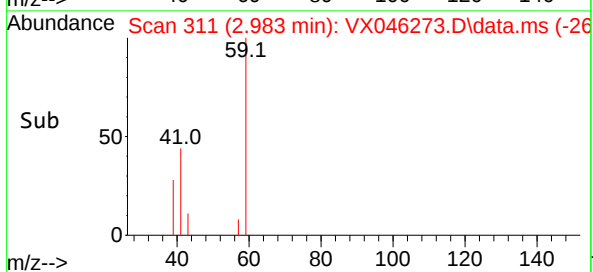
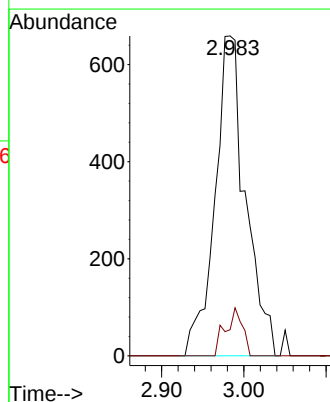
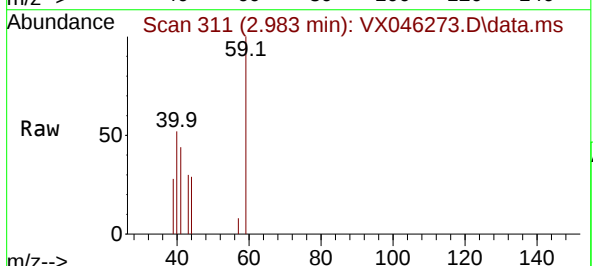
Instrument :
MSVOA_X
ClientSampleId :
SB-4

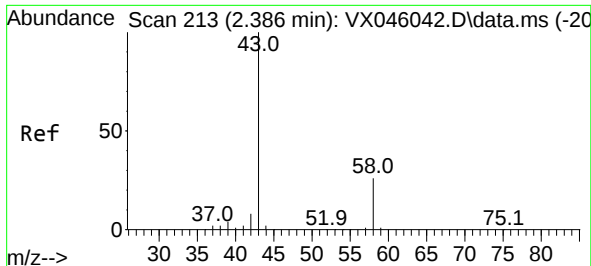
Tgt Ion:168 Resp: 60403
Ion Ratio Lower Upper
168 100
99 76.2 54.9 82.3



#11
Tert butyl alcohol
Concen: 10.812 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046273.D
Acq: 19 May 2025 17:21

Tgt Ion: 59 Resp: 1709
Ion Ratio Lower Upper
59 100
57 8.3 8.6 12.8#

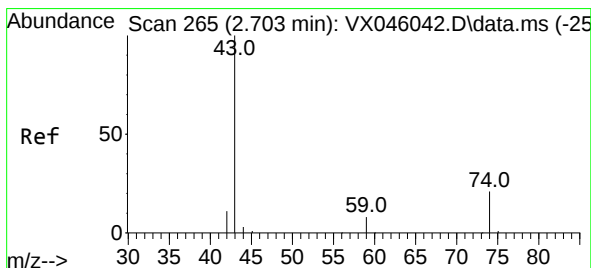
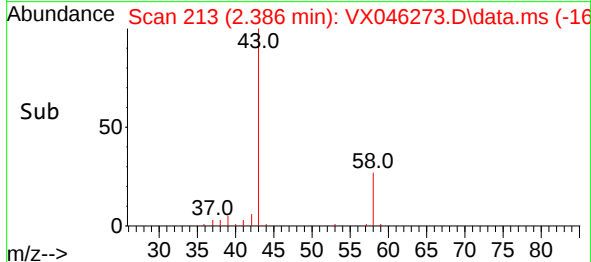
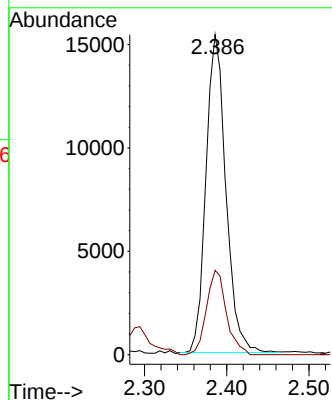
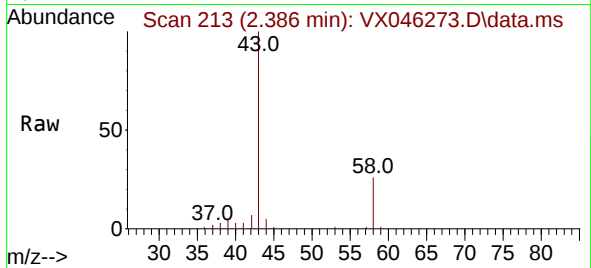




#16
Acetone
Concen: 57.393 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046273.D
Acq: 19 May 2025 17:21

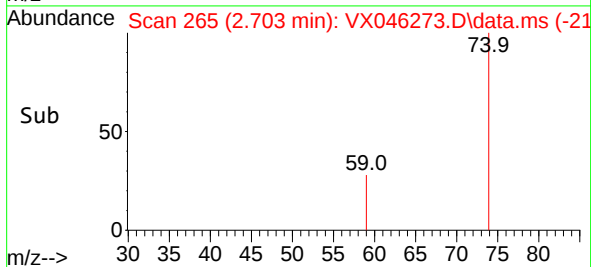
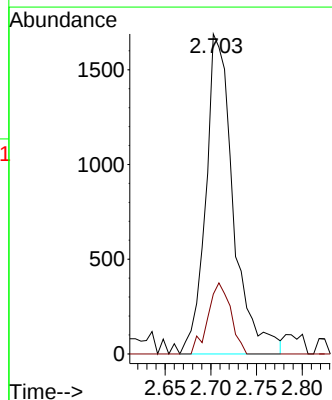
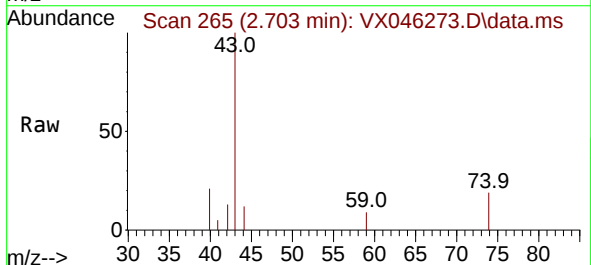
Instrument :
MSVOA_X
ClientSampleId :
SB-4

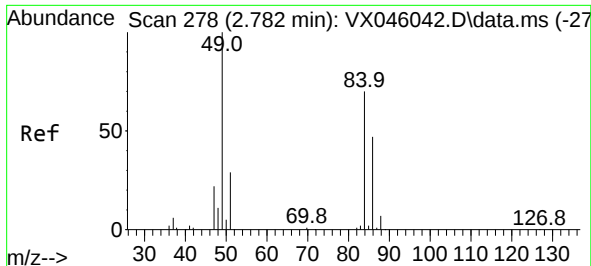
Tgt Ion: 43 Resp: 25914
Ion Ratio Lower Upper
43 100
58 26.5 21.2 31.8



#18
Methyl Acetate
Concen: 3.376 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046273.D
Acq: 19 May 2025 17:21

Tgt Ion: 43 Resp: 3537
Ion Ratio Lower Upper
43 100
74 18.3 16.7 25.1

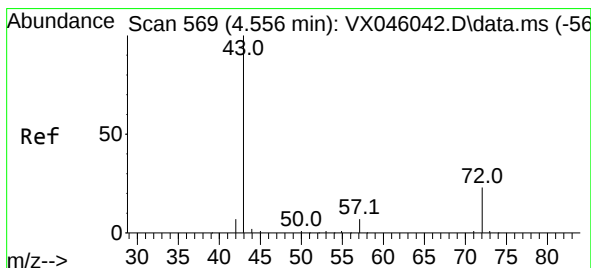
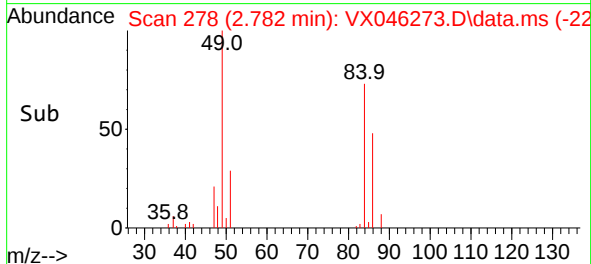
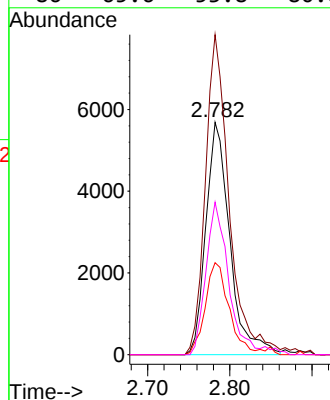
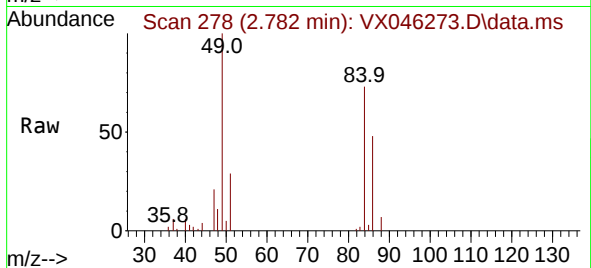




#20
Methylene Chloride
Concen: 13.338 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046273.D
Acq: 19 May 2025 17:21

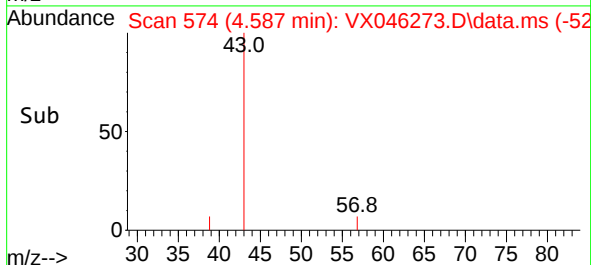
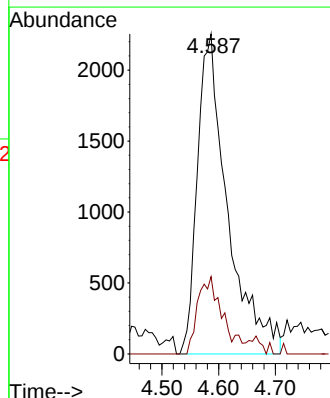
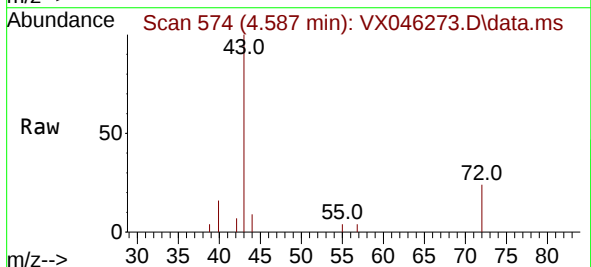
Instrument :
MSVOA_X
ClientSampleId :
SB-4

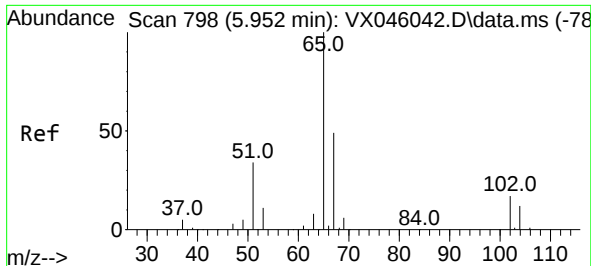
Tgt Ion:	84	Resp:	11541
Ion	Ratio	Lower	Upper
84	100		
49	137.7	113.9	170.9
51	39.6	33.5	50.3
86	65.6	53.8	80.8



#25
2-Butanone
Concen: 12.752 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX046273.D
Acq: 19 May 2025 17:21

Tgt Ion:	43	Resp:	8359
Ion	Ratio	Lower	Upper
43	100		
72	24.1	18.4	27.6





#33

1,2-Dichloroethane-d4

Concen: 54.508 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046273.D

Acq: 19 May 2025 17:21

Instrument :

MSVOA_X

ClientSampleId :

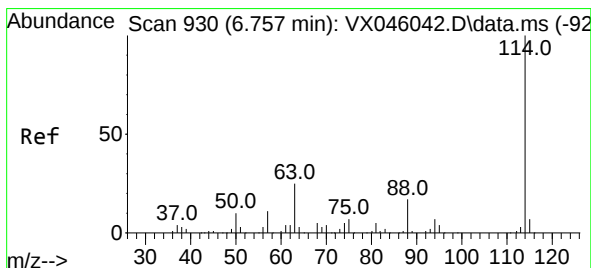
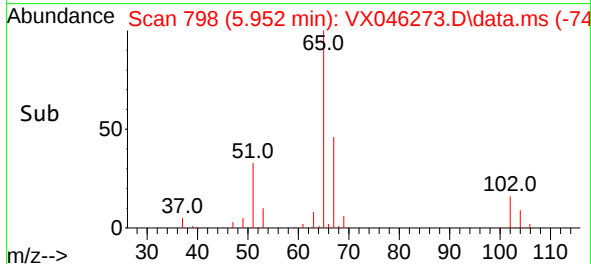
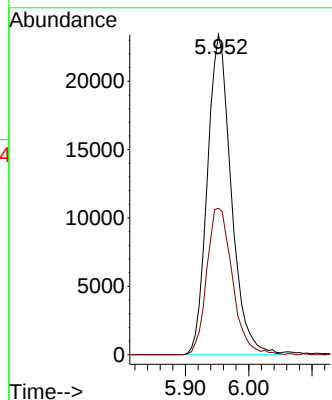
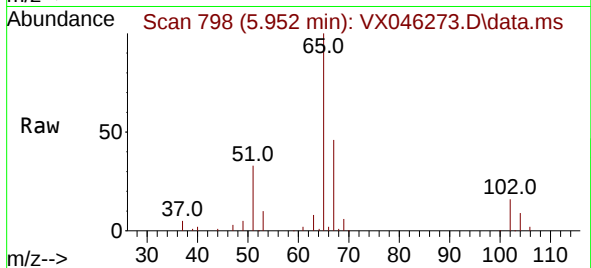
SB-4

Tgt Ion: 65 Resp: 61382

Ion Ratio Lower Upper

65 100

67 49.0 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046273.D

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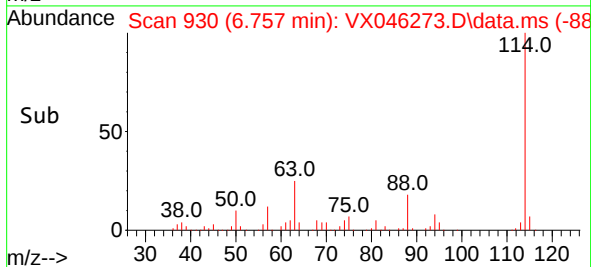
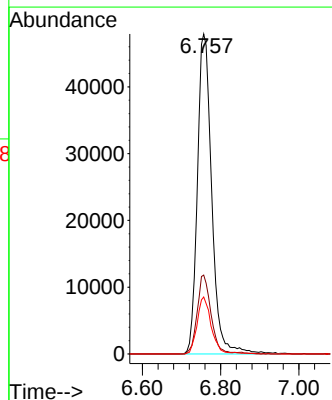
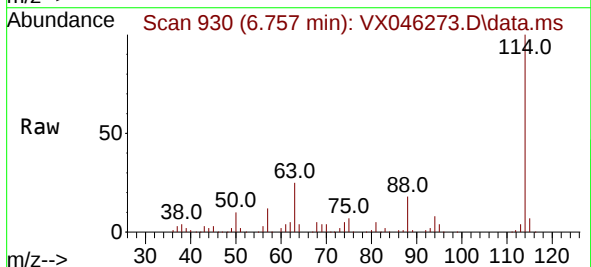
Tgt Ion: 114 Resp: 122480

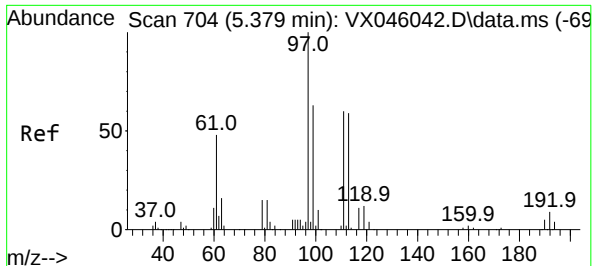
Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.2

88 17.8 0.0 33.6

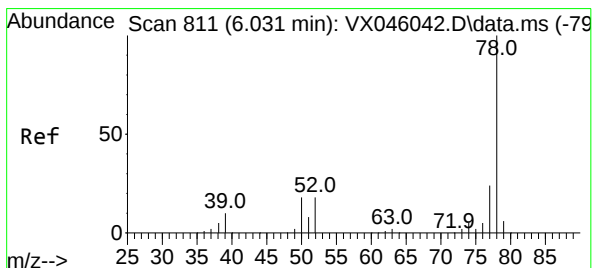
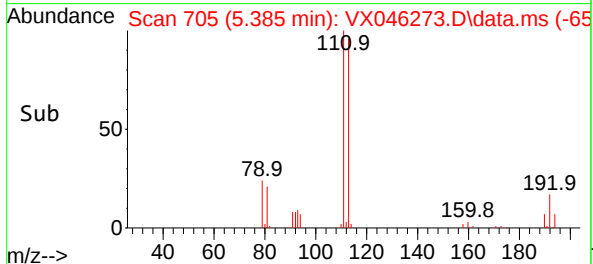
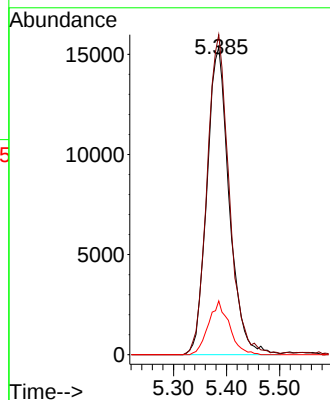
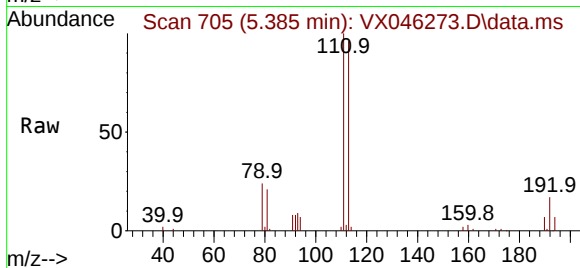




#35
Dibromofluoromethane
Concen: 50.831 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046273.D
Acq: 19 May 2025 17:21

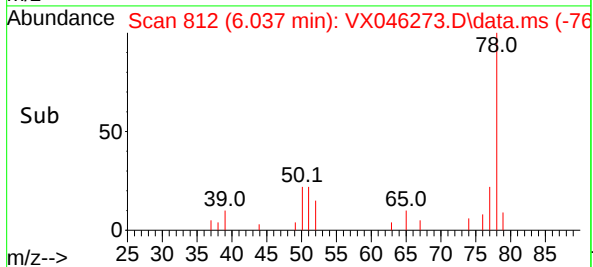
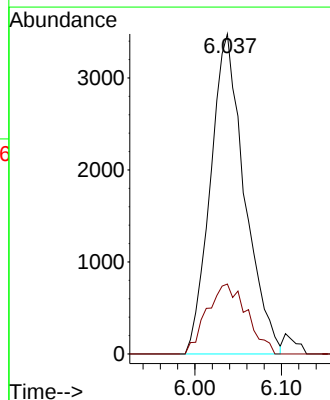
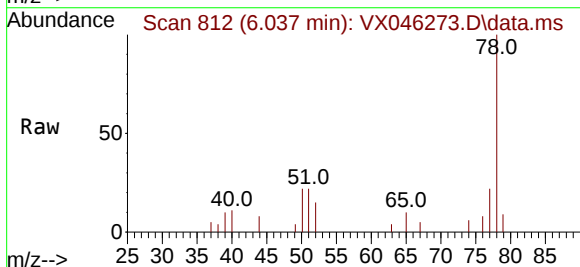
Instrument :
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ClientSampleId :
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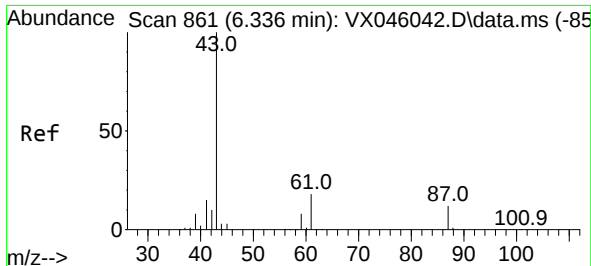
Tgt Ion:113 Resp: 44832
Ion Ratio Lower Upper
113 100
111 103.6 83.1 124.7
192 16.4 13.3 19.9



#40
Benzene
Concen: 2.745 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX046273.D
Acq: 19 May 2025 17:21

Tgt Ion: 78 Resp: 9527
Ion Ratio Lower Upper
78 100
77 21.9 19.0 28.4

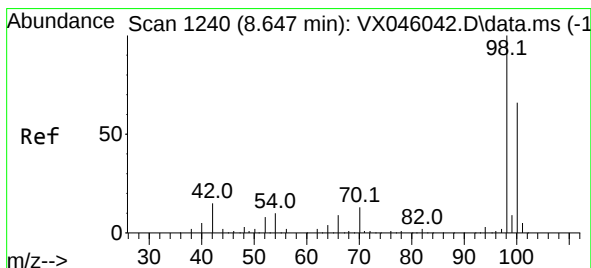
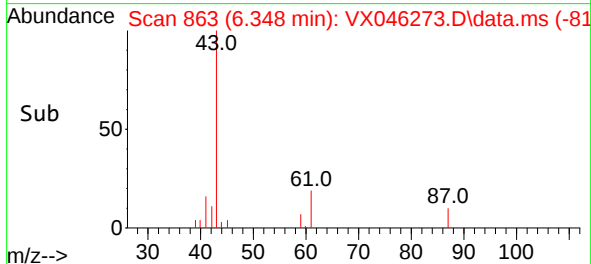
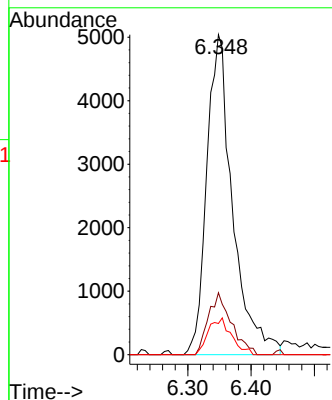
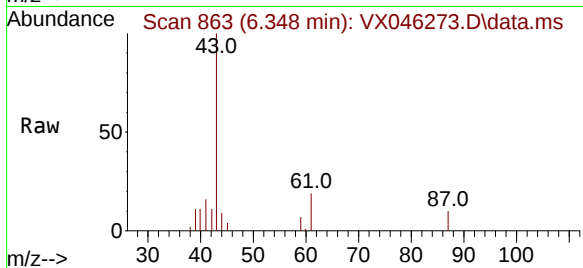




#43
Isopropyl Acetate
Concen: 6.400 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046273.D
Acq: 19 May 2025 17:21

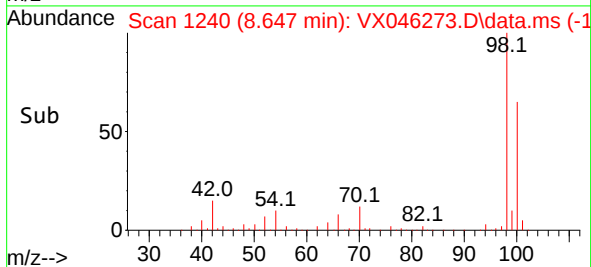
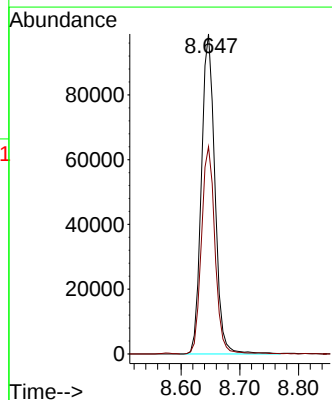
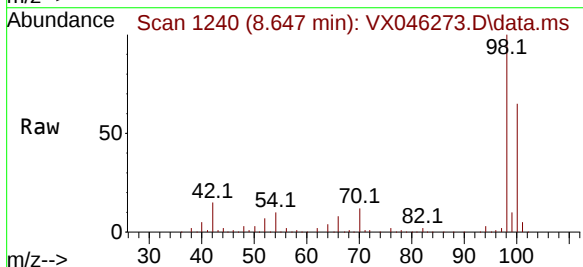
Instrument :
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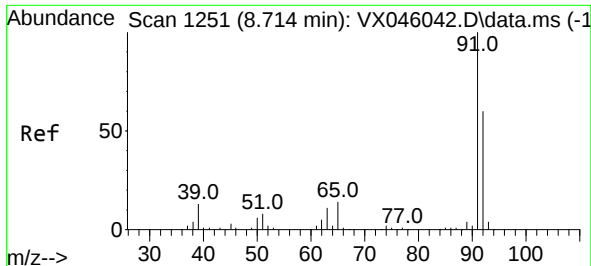
Tgt Ion:	43	Resp:	14295
Ion	Ratio	Lower	Upper
43	100		
61	17.3	14.3	21.5
87	10.2	9.5	14.3



#50
Toluene-d8
Concen: 51.519 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046273.D
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Tgt Ion:	98	Resp:	157269
Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.5	80.3

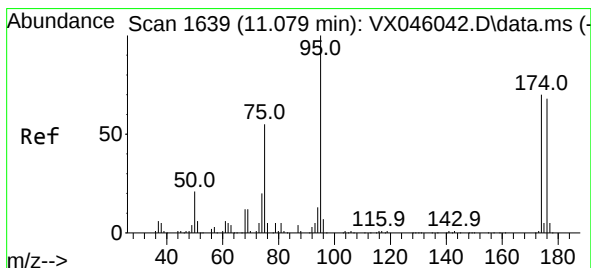
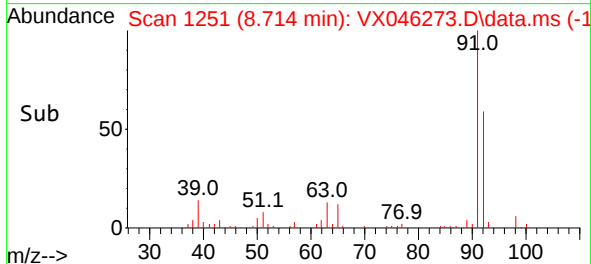
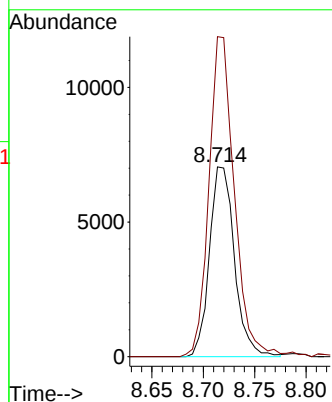
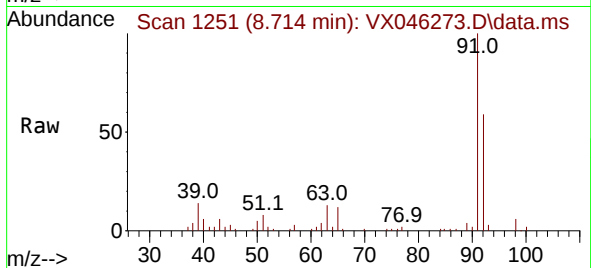




#52
Toluene
Concen: 5.596 ug/l
RT: 8.714 min Scan# 11911
Delta R.T. -0.000 min
Lab File: VX046273.D
Acq: 19 May 2025 17:21

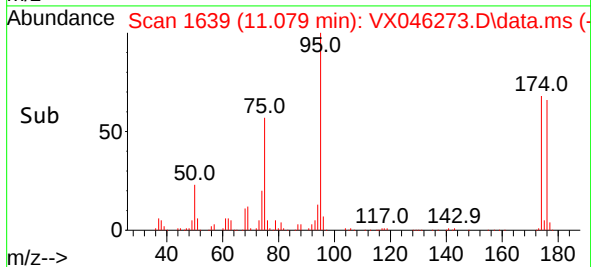
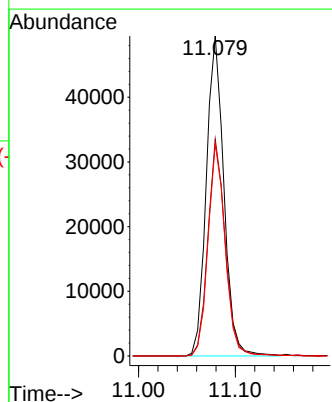
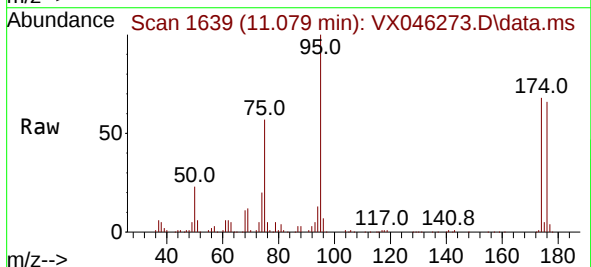
Instrument :
MSVOA_X
ClientSampleId :
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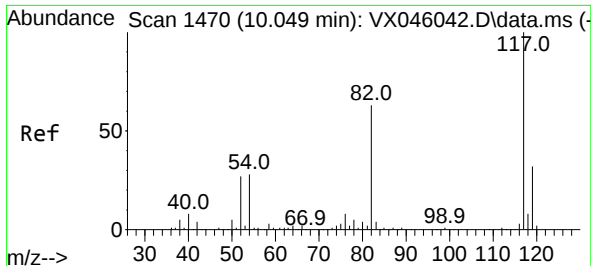
Tgt Ion: 92 Resp: 11911
Ion Ratio Lower Upper
92 100
91 172.1 136.6 205.0



#62
4-Bromofluorobenzene
Concen: 53.431 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046273.D
Acq: 19 May 2025 17:21

Tgt Ion: 95 Resp: 62566
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 64.5 0.0 131.4

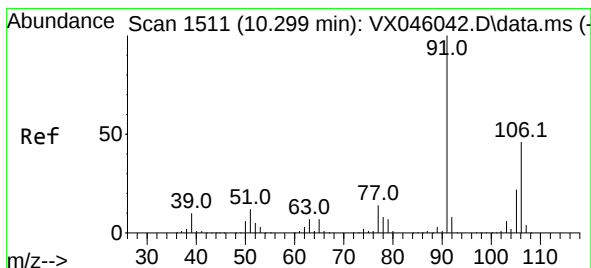
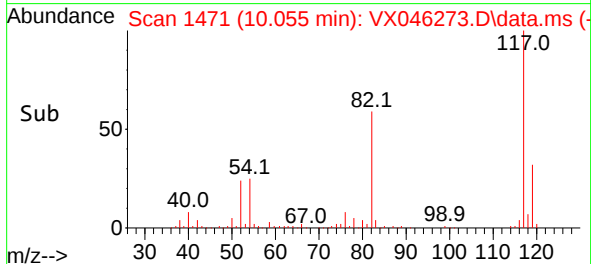
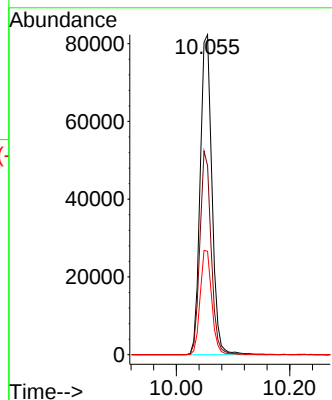
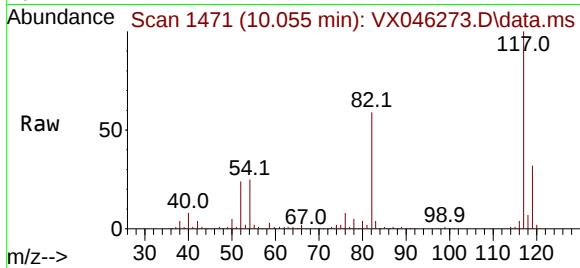




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046273.D
Acq: 19 May 2025 17:21

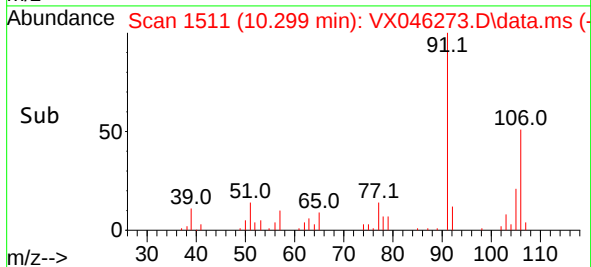
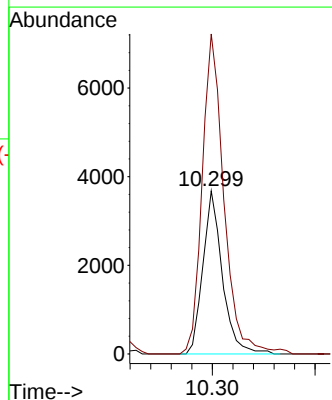
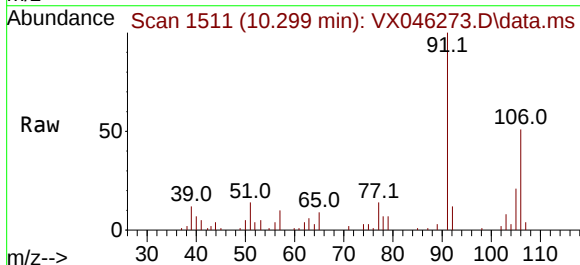
Instrument :
MSVOA_X
ClientSampleId :
SB-4

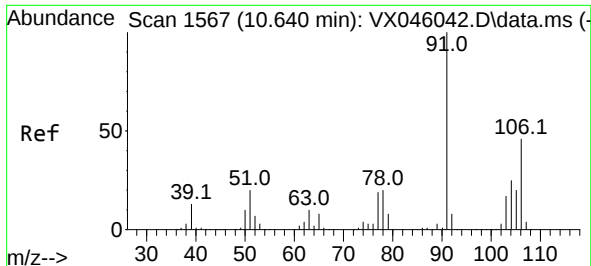
Tgt Ion:117 Resp: 118381
Ion Ratio Lower Upper
117 100
82 59.0 50.6 76.0
119 32.3 25.8 38.6



#68
m/p-Xylenes
Concen: 2.904 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046273.D
Acq: 19 May 2025 17:21

Tgt Ion:106 Resp: 4851
Ion Ratio Lower Upper
106 100
91 218.6 171.2 256.8





#69

o-Xylene

Concen: 1.918 ug/l

RT: 10.646 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046273.D

Acq: 19 May 2025 17:21

Instrument :

MSVOA_X

ClientSampleId :

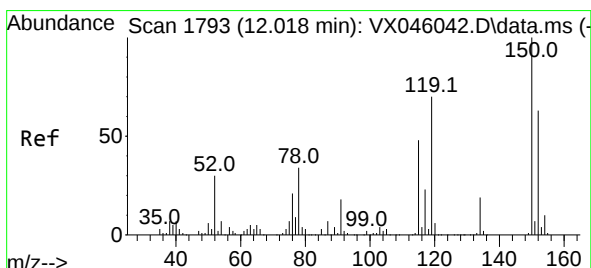
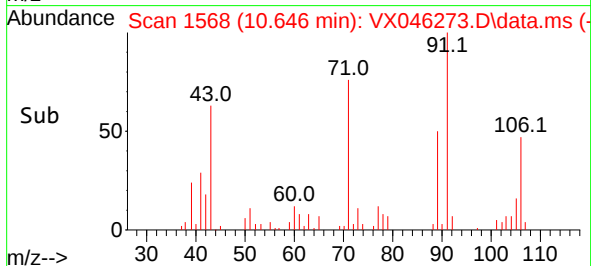
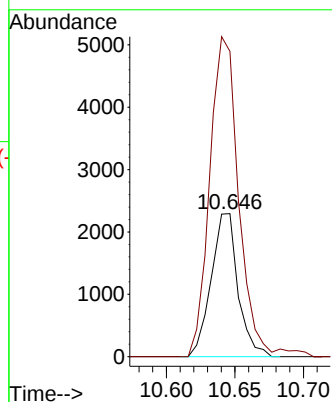
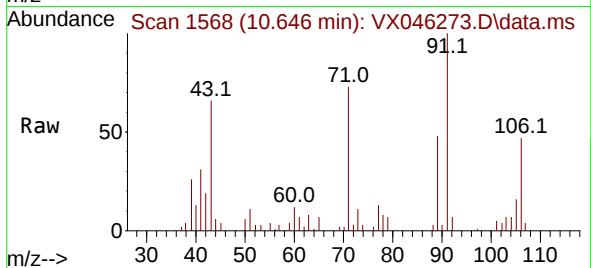
SB-4

Tgt Ion:106 Resp: 3123

Ion Ratio Lower Upper

106 100

91 243.4 112.7 338.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046273.D

Acq: 19 May 2025 17:21

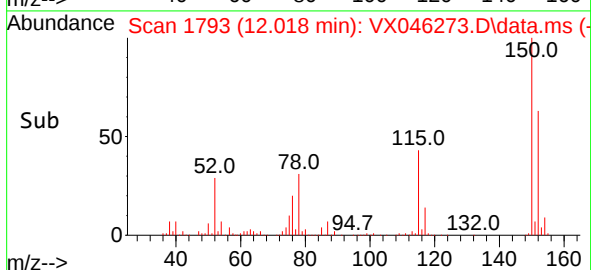
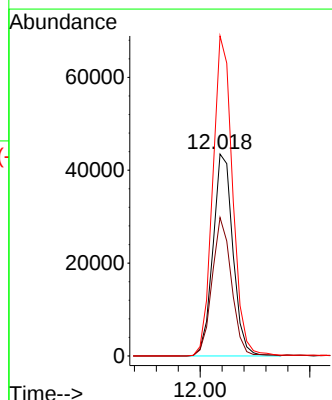
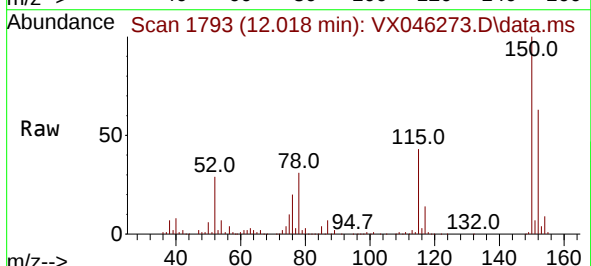
Tgt Ion:152 Resp: 54993

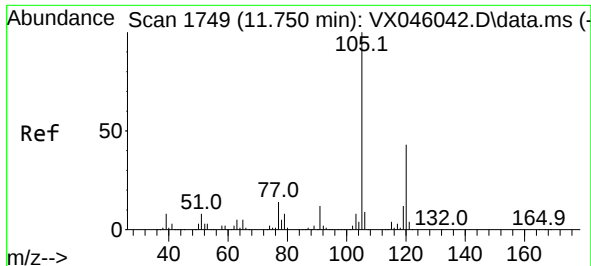
Ion Ratio Lower Upper

152 100

115 66.5 46.9 140.7

150 157.5 0.0 351.0

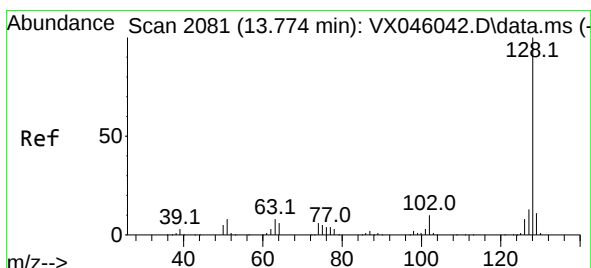
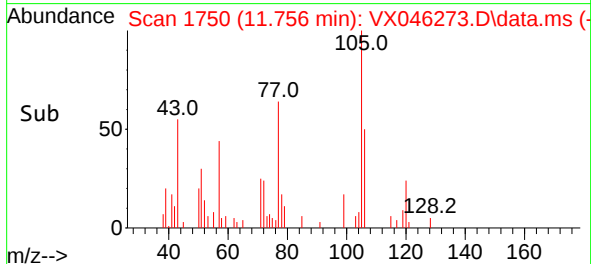
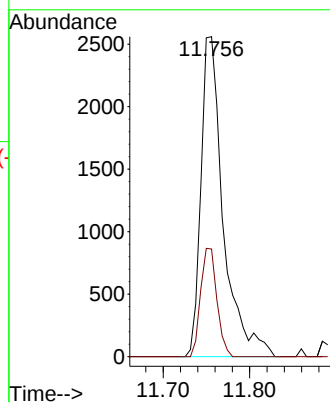
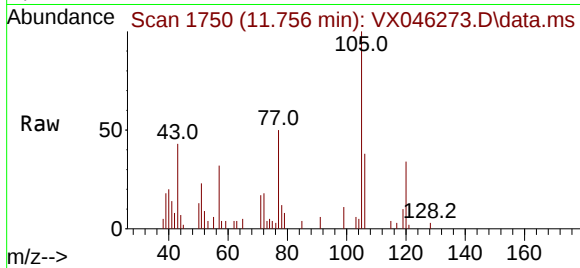




#84
 1,2,4-Trimethylbenzene
 Concen: 1.265 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX046273.D
 Acq: 19 May 2025 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-4

Tgt Ion:105 Resp: 4582
 Ion Ratio Lower Upper
 105 100
 120 24.6 21.2 63.6



#95
 Naphthalene
 Concen: 26.798 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VX046273.D
 Acq: 19 May 2025 17:21

Tgt Ion:128 Resp: 102762
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.4 15.6
 129 11.1 8.6 13.0

