

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
 Data File : VX046274.D
 Acq On : 19 May 2025 17:45
 Operator : JC/MD
 Sample : Q2053-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5

Quant Time: May 19 23:15:24 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)

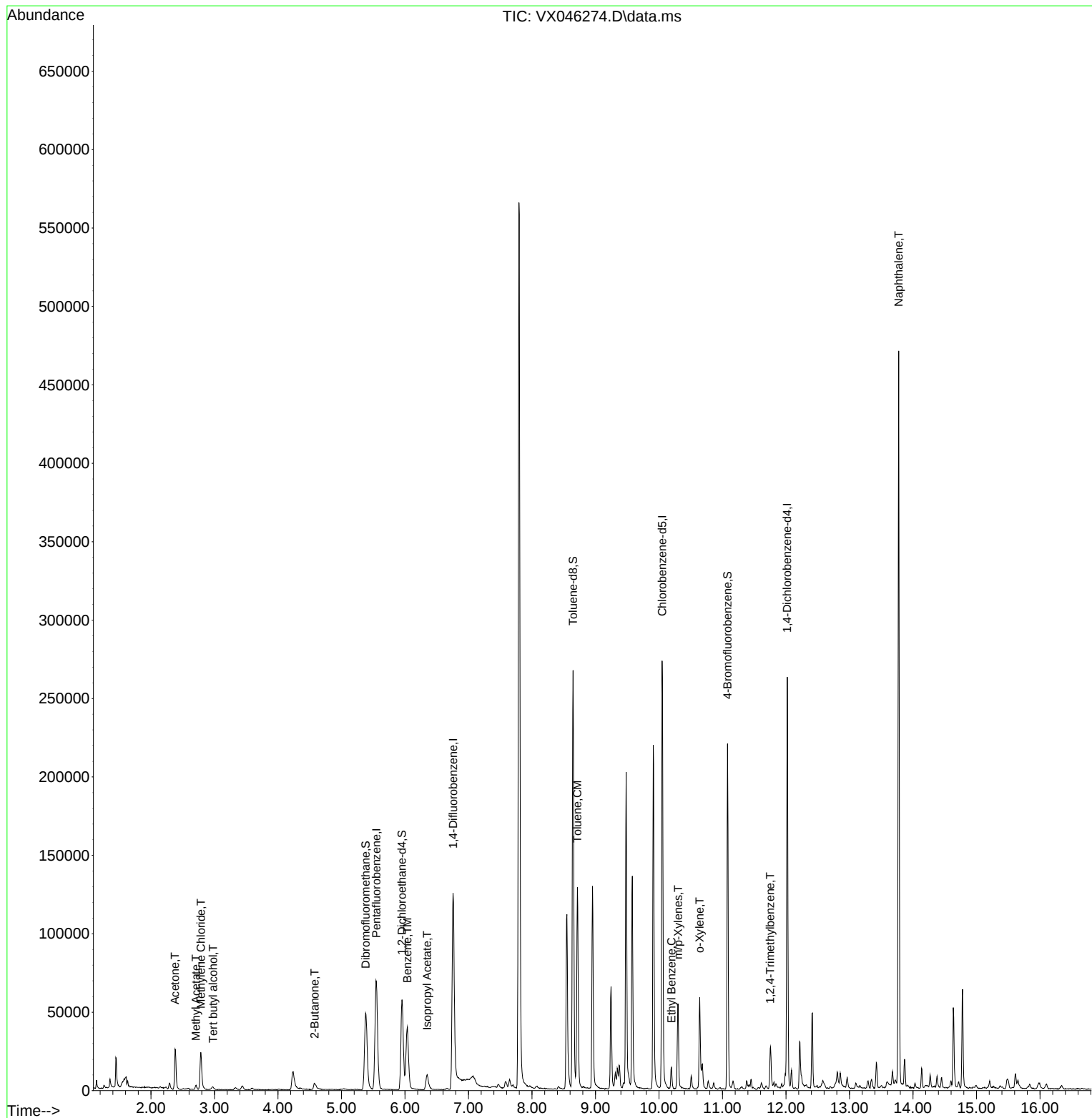
Internal Standards						
1) Pentafluorobenzene	5.550	168	59524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	118580	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	111408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58555	52.766	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.540%	
35) Dibromofluoromethane	5.379	113	43760	51.247	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.500%	
50) Toluene-d8	8.647	98	149173	50.474	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.940%	
62) 4-Bromofluorobenzene	11.079	95	57082	50.351	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	2130	13.674	ug/l	96
16) Acetone	2.380	43	28134	63.230	ug/l	99
18) Methyl Acetate	2.709	43	3534	3.423	ug/l	92
20) Methylene Chloride	2.788	84	11529	13.521	ug/l	96
25) 2-Butanone	4.574	43	8841	13.687	ug/l	91
40) Benzene	6.038	78	47327	14.083	ug/l	99
43) Isopropyl Acetate	6.349	43	15213	7.035	ug/l #	91
52) Toluene	8.714	92	46353	22.495	ug/l	98
67) Ethyl Benzene	10.195	91	7793	1.813	ug/l	96
68) m/p-Xylenes	10.299	106	11520	7.328	ug/l	97
69) o-Xylene	10.640	106	7242	4.725	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	10100	3.189	ug/l	76
95) Naphthalene	13.774	128	255843	76.299	ug/l	99

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

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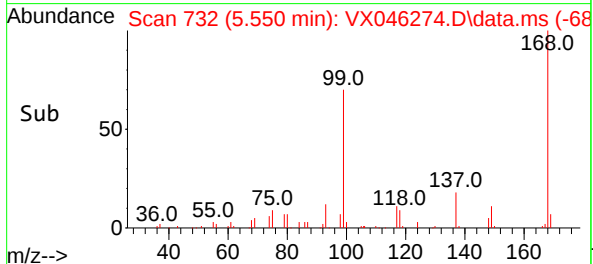
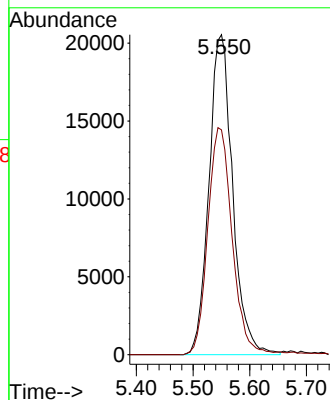
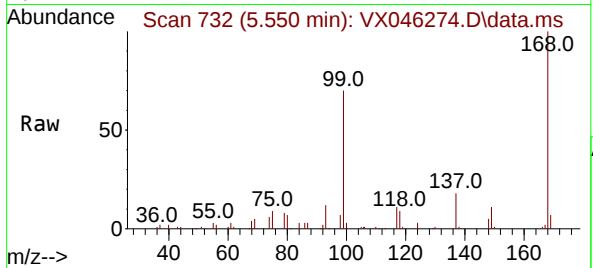




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046274.D
Acq: 19 May 2025 17:45

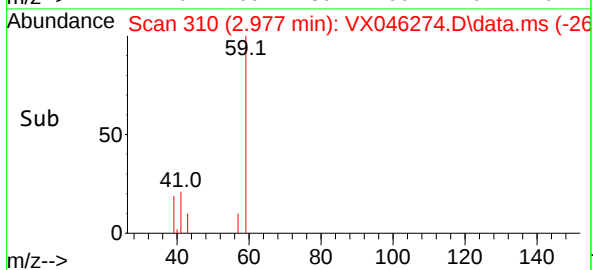
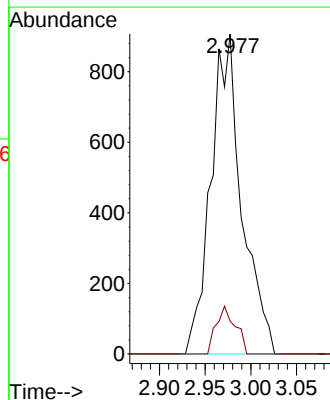
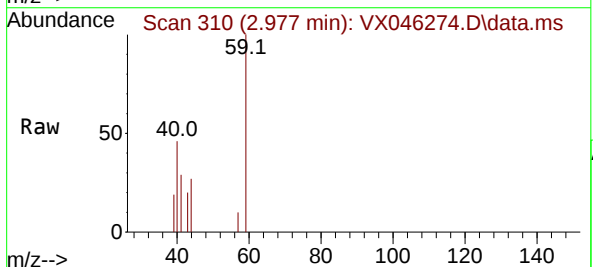
Instrument :
MSVOA_X
ClientSampleId :
SB-5

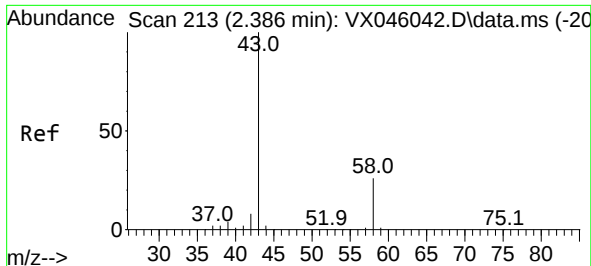
Tgt Ion:168 Resp: 59524
Ion Ratio Lower Upper
168 100
99 70.3 54.9 82.3



#11
Tert butyl alcohol
Concen: 13.674 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX046274.D
Acq: 19 May 2025 17:45

Tgt Ion: 59 Resp: 2130
Ion Ratio Lower Upper
59 100
57 9.3 8.6 12.8

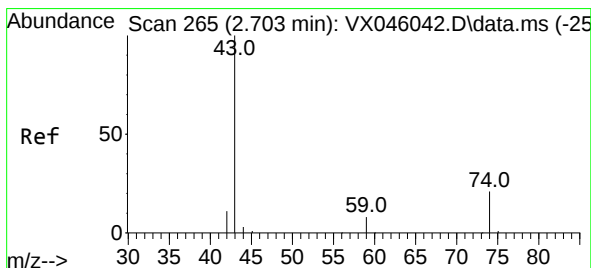
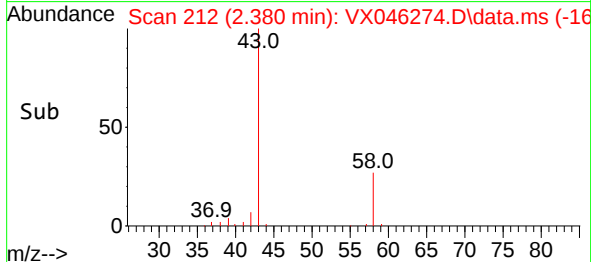
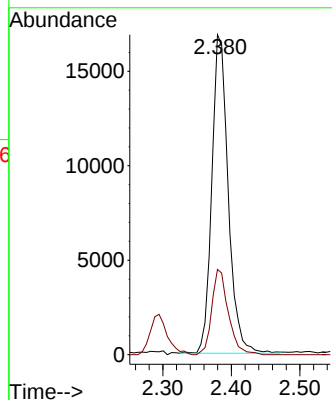
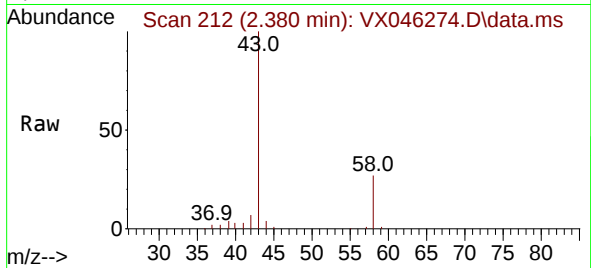




#16
Acetone
Concen: 63.230 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046274.D
Acq: 19 May 2025 17:45

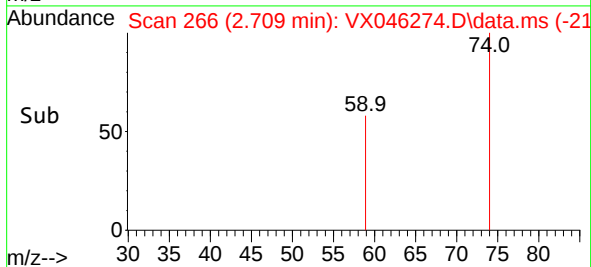
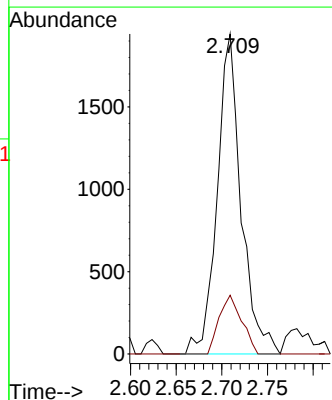
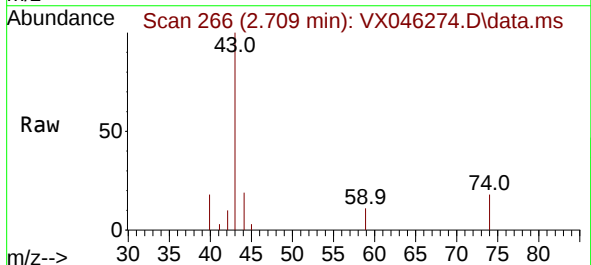
Instrument :
MSVOA_X
ClientSampleId :
SB-5

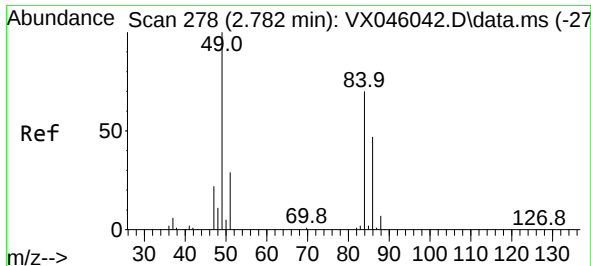
Tgt Ion: 43 Resp: 28134
Ion Ratio Lower Upper
43 100
58 26.8 21.2 31.8



#18
Methyl Acetate
Concen: 3.423 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046274.D
Acq: 19 May 2025 17:45

Tgt Ion: 43 Resp: 3534
Ion Ratio Lower Upper
43 100
74 17.3 16.7 25.1





#20

Methylene Chloride

Concen: 13.521 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX046274.D

Acq: 19 May 2025 17:45

Instrument :

MSVOA_X

ClientSampleId :

SB-5

Tgt Ion: 84 Resp: 11529

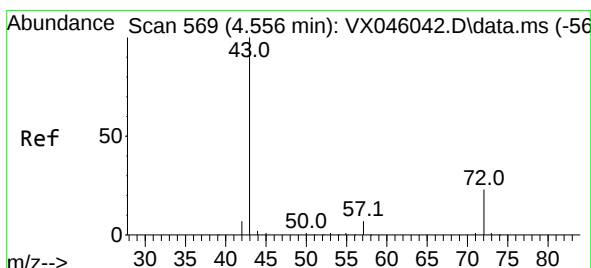
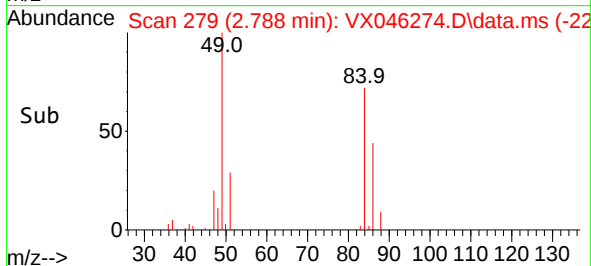
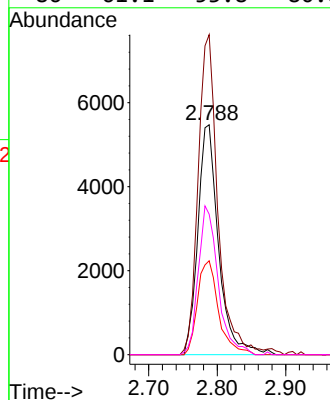
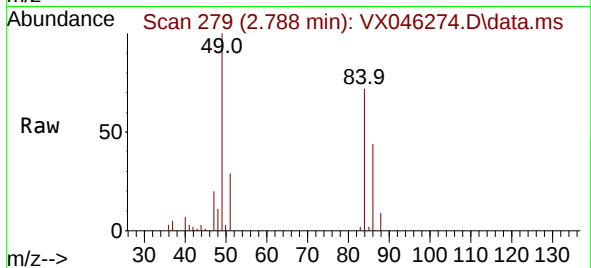
Ion Ratio Lower Upper

84 100

49 139.2 113.9 170.9

51 40.9 33.5 50.3

86 61.1 53.8 80.8



#25

2-Butanone

Concen: 13.687 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.018 min

Lab File: VX046274.D

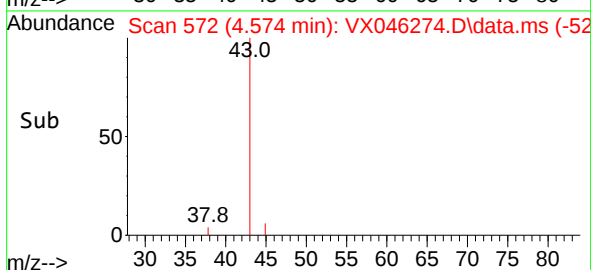
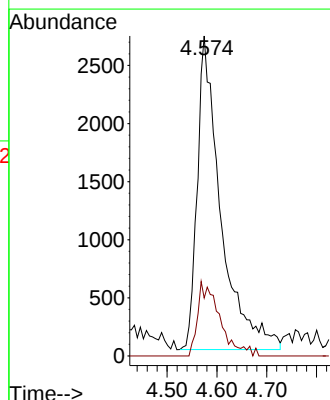
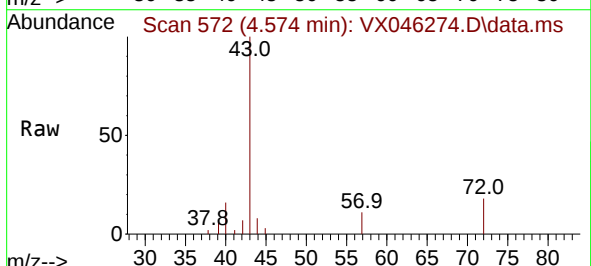
Acq: 19 May 2025 17:45

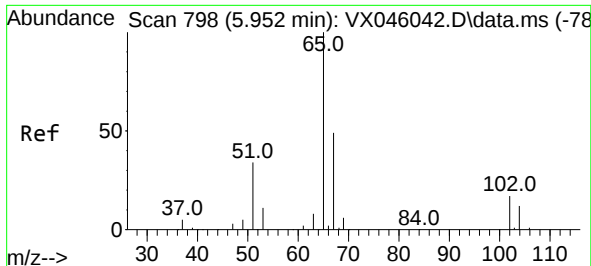
Tgt Ion: 43 Resp: 8841

Ion Ratio Lower Upper

43 100

72 18.5 18.4 27.6





#33

1,2-Dichloroethane-d4

Concen: 52.766 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046274.D

Acq: 19 May 2025 17:45

Instrument :

MSVOA_X

ClientSampleId :

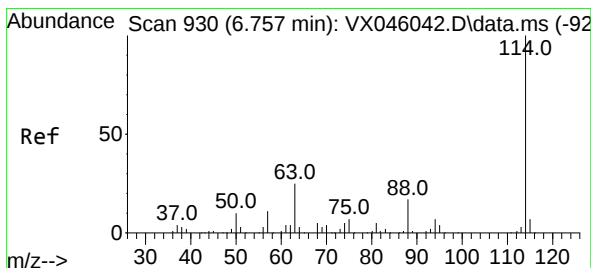
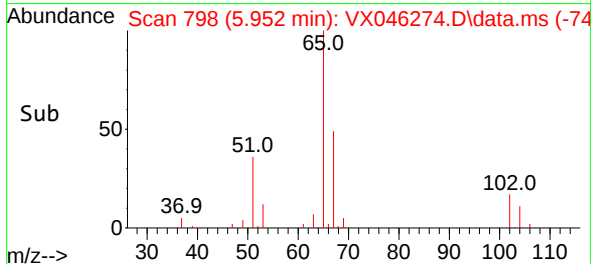
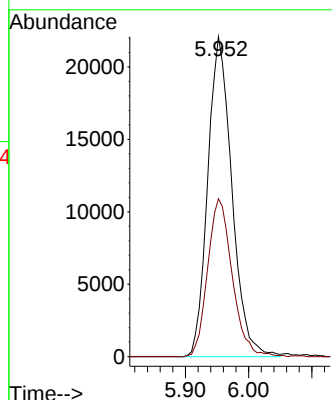
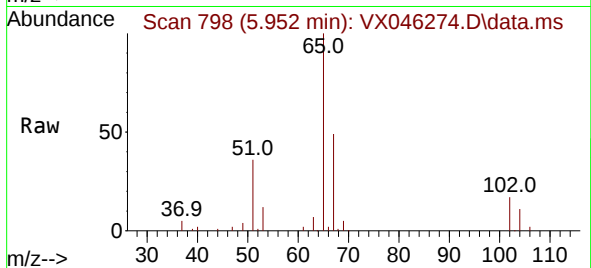
SB-5

Tgt Ion: 65 Resp: 58555

Ion Ratio Lower Upper

65 100

67 50.2 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: VX046274.D

Acq: 19 May 2025 17:45

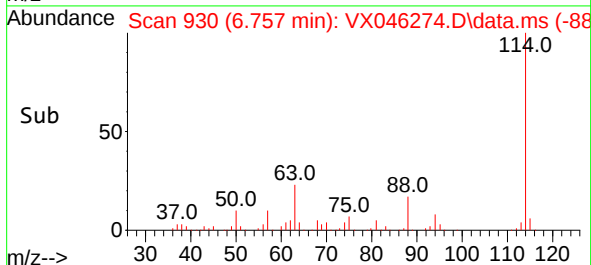
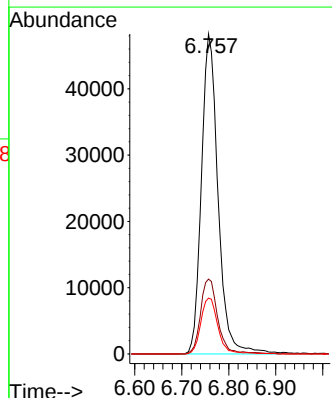
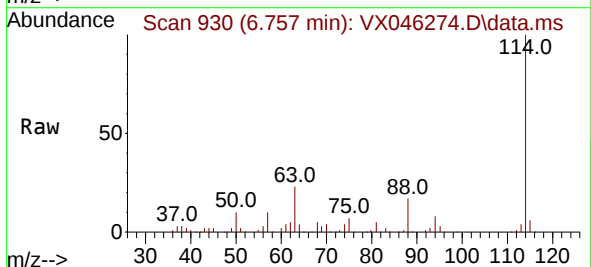
Tgt Ion: 114 Resp: 118580

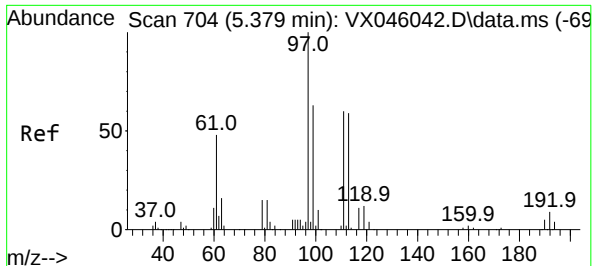
Ion Ratio Lower Upper

114 100

63 23.4 0.0 49.2

88 17.4 0.0 33.6

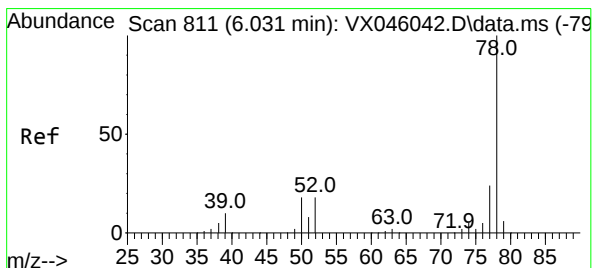
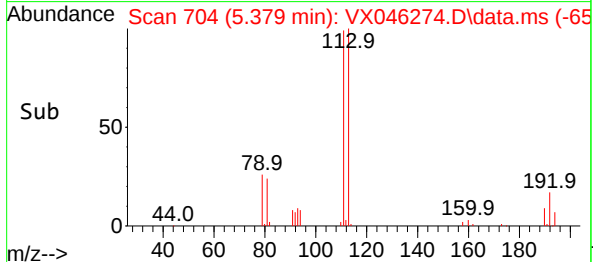
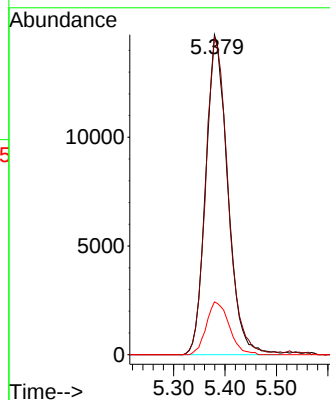
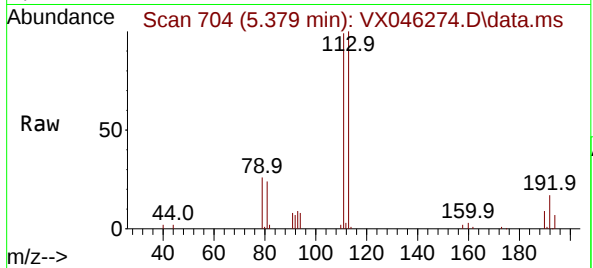




#35
Dibromofluoromethane
Concen: 51.247 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046274.D
Acq: 19 May 2025 17:45

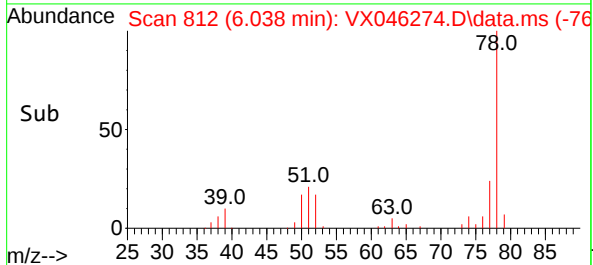
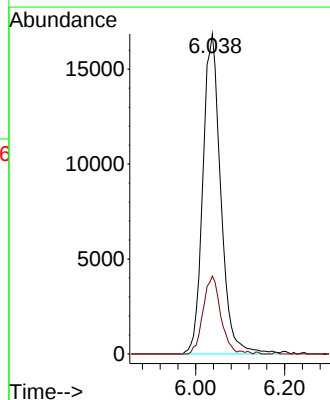
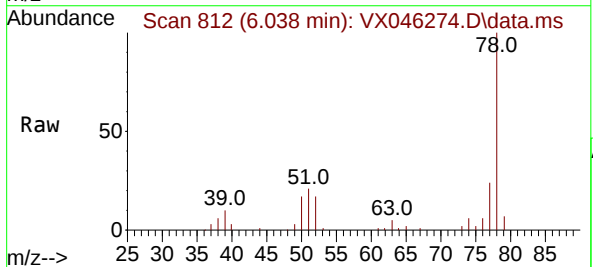
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ClientSampleId :
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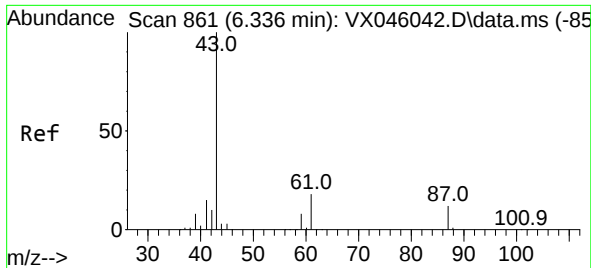
Tgt Ion:113 Resp: 43760
Ion Ratio Lower Upper
113 100
111 100.4 83.1 124.7
192 17.1 13.3 19.9



#40
Benzene
Concen: 14.083 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX046274.D
Acq: 19 May 2025 17:45

Tgt Ion: 78 Resp: 47327
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4

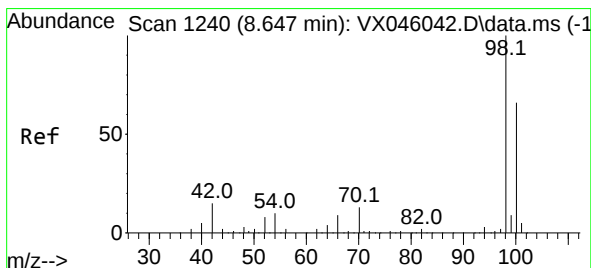
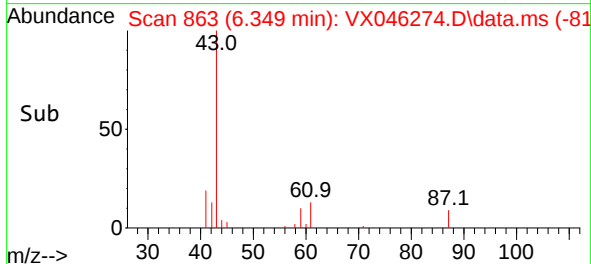
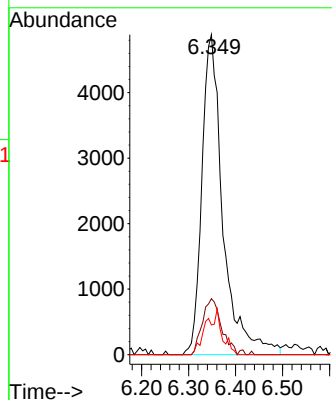
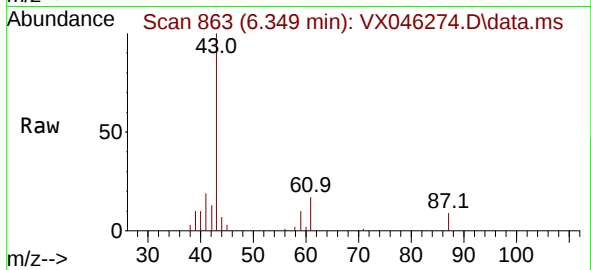




#43
Isopropyl Acetate
Concen: 7.035 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046274.D
Acq: 19 May 2025 17:45

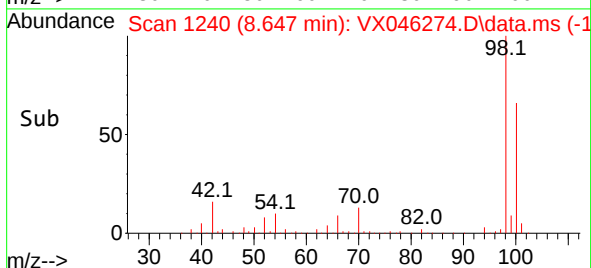
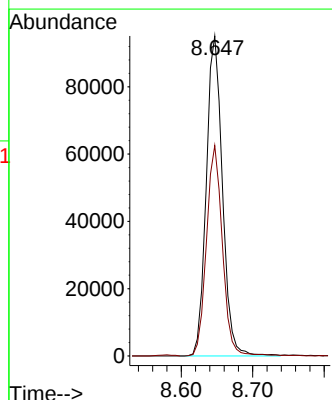
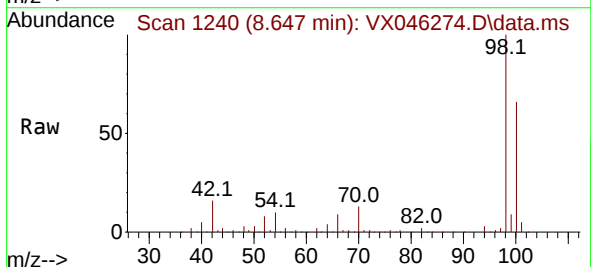
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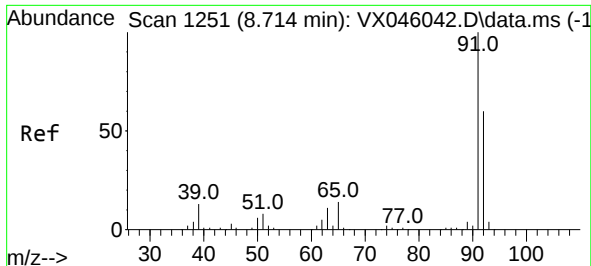
Tgt Ion: 43 Resp: 15213
Ion Ratio Lower Upper
43 100
61 16.1 14.3 21.5
87 5.4 9.5 14.3#



#50
Toluene-d8
Concen: 50.474 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046274.D
Acq: 19 May 2025 17:45

Tgt Ion: 98 Resp: 149173
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3

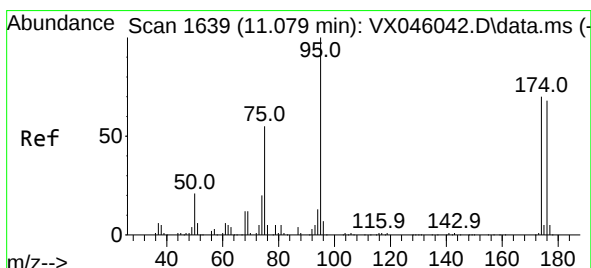
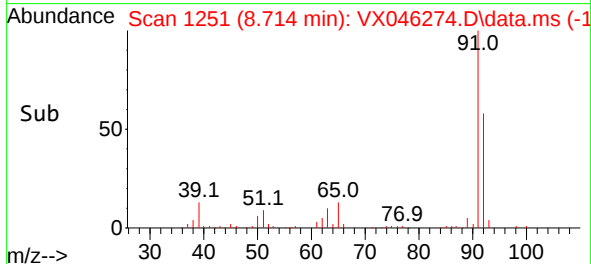
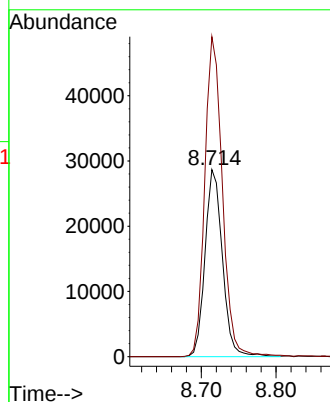
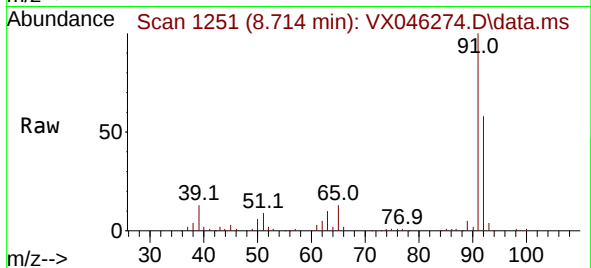




#52
Toluene
Concen: 22.495 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046274.D
Acq: 19 May 2025 17:45

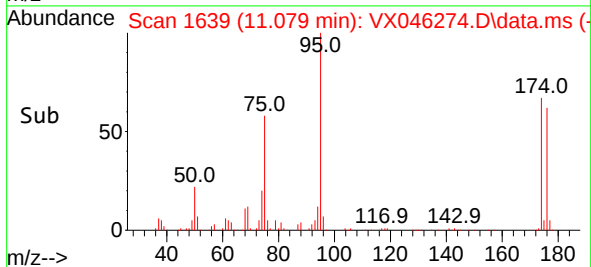
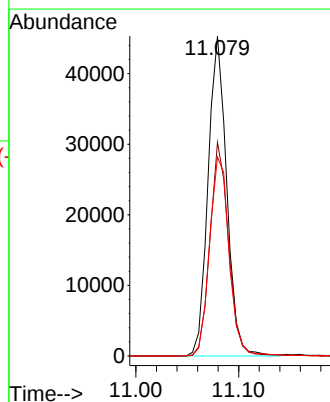
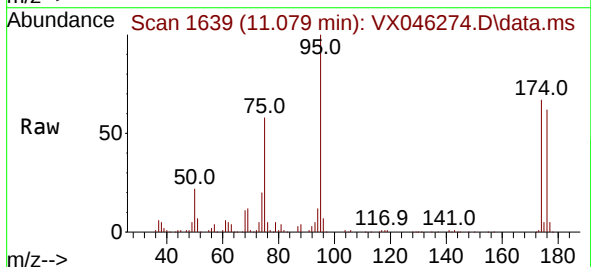
Instrument :
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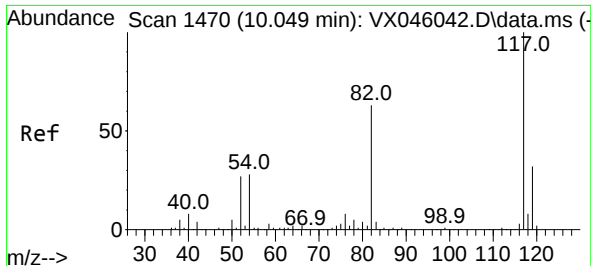
Tgt Ion: 92 Resp: 46353
Ion Ratio Lower Upper
92 100
91 173.2 136.6 205.0



#62
4-Bromofluorobenzene
Concen: 50.351 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046274.D
Acq: 19 May 2025 17:45

Tgt Ion: 95 Resp: 57082
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.8
176 65.3 0.0 131.4

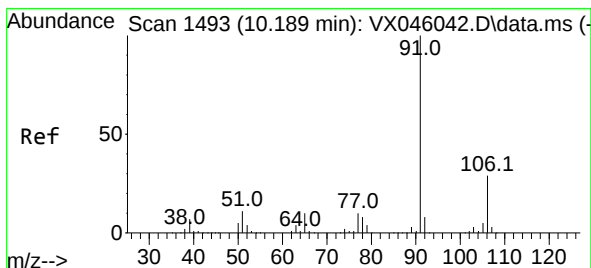
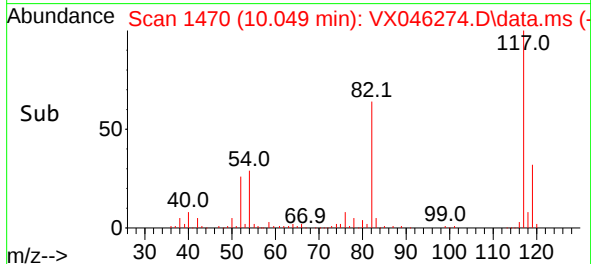
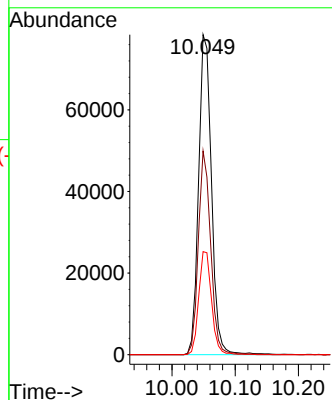
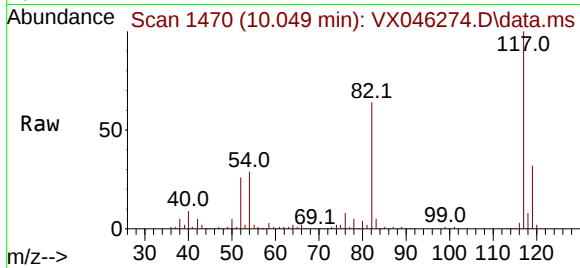




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046274.D
Acq: 19 May 2025 17:45

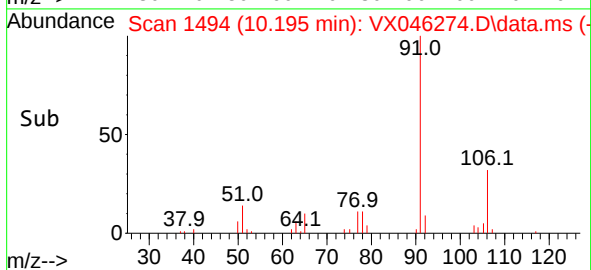
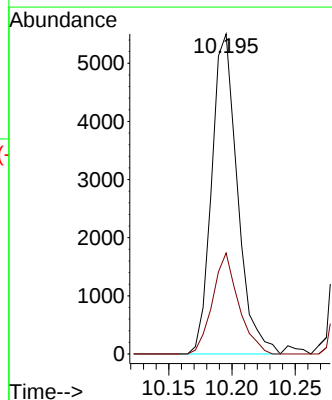
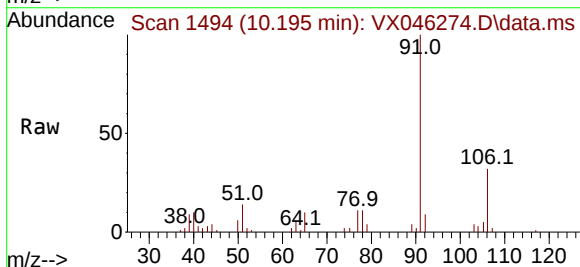
Instrument :
MSVOA_X
ClientSampleId :
SB-5

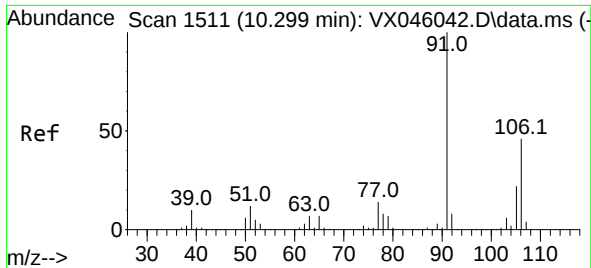
Tgt Ion:117 Resp: 111408
Ion Ratio Lower Upper
117 100
82 63.7 50.6 76.0
119 32.2 25.8 38.6



#67
Ethyl Benzene
Concen: 1.813 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046274.D
Acq: 19 May 2025 17:45

Tgt Ion: 91 Resp: 7793
Ion Ratio Lower Upper
91 100
106 31.6 23.4 35.2

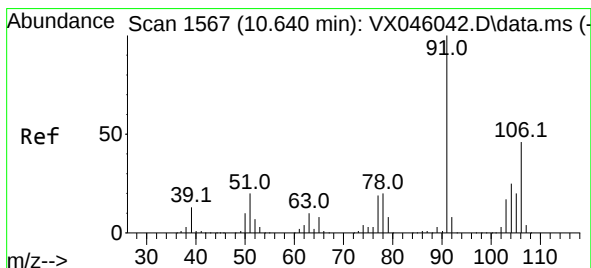
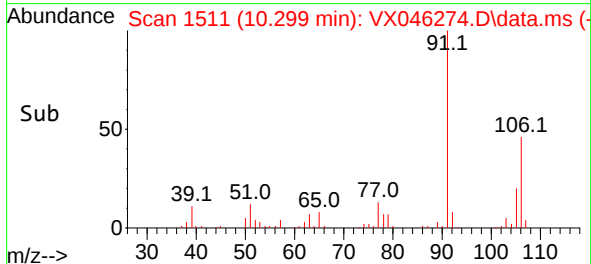
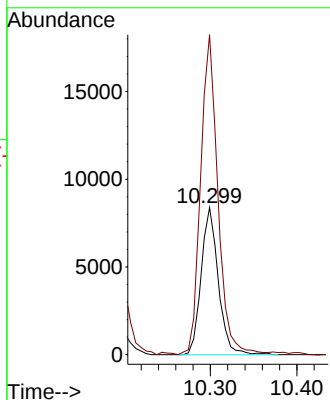
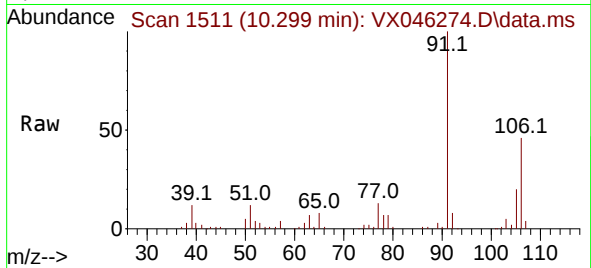




#68
m/p-Xylenes
Concen: 7.328 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046274.D
Acq: 19 May 2025 17:45

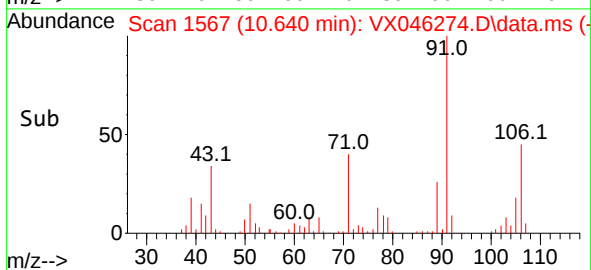
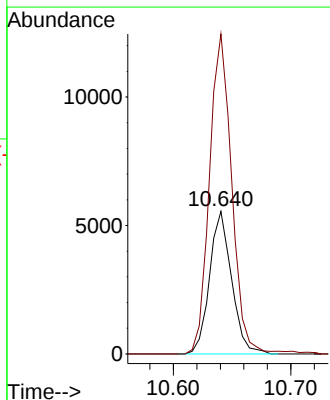
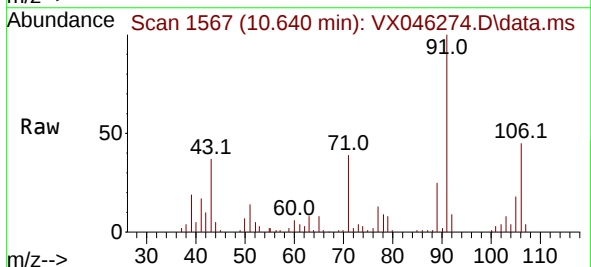
Instrument :
MSVOA_X
ClientSampleId :
SB-5

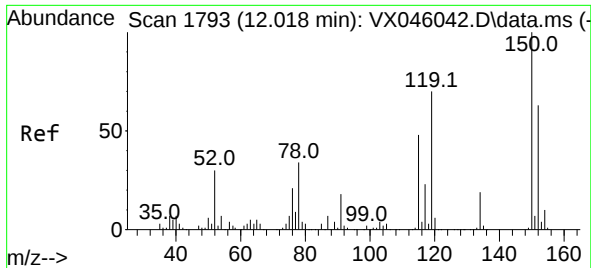
Tgt Ion:106 Resp: 11520
Ion Ratio Lower Upper
106 100
91 218.9 171.2 256.8



#69
o-Xylene
Concen: 4.725 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046274.D
Acq: 19 May 2025 17:45

Tgt Ion:106 Resp: 7242
Ion Ratio Lower Upper
106 100
91 228.1 112.7 338.1

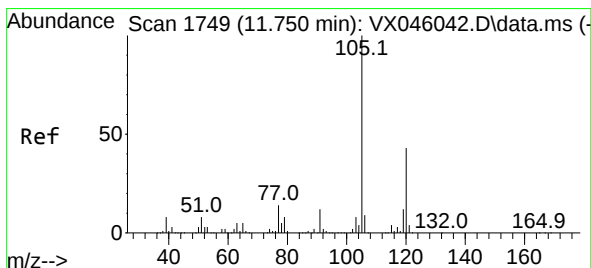
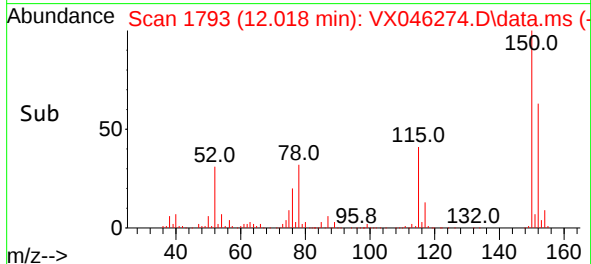
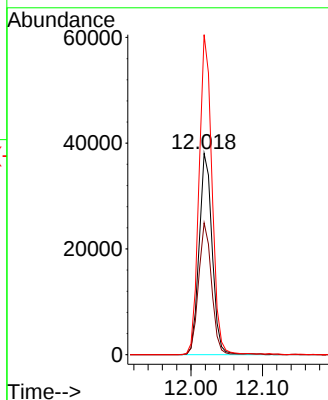
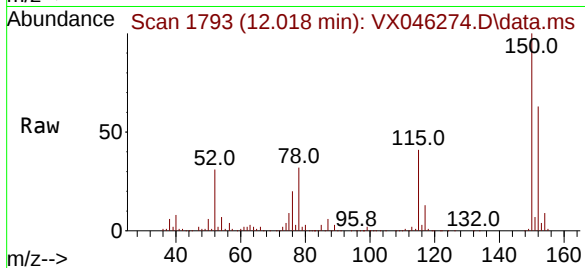




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046274.D
 Acq: 19 May 2025 17:45

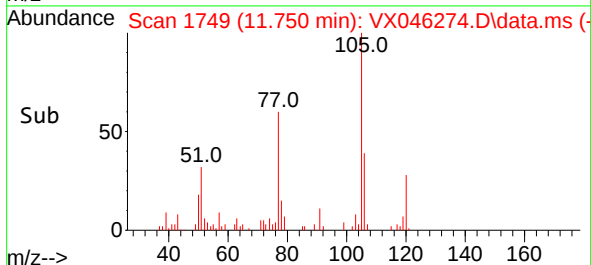
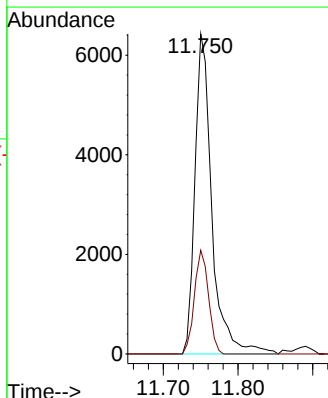
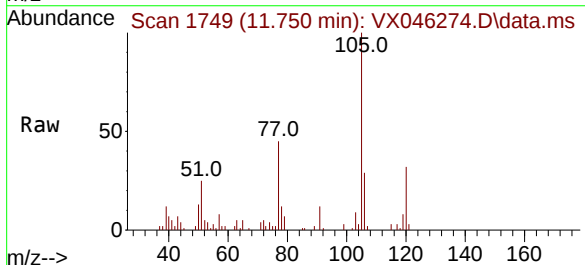
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5

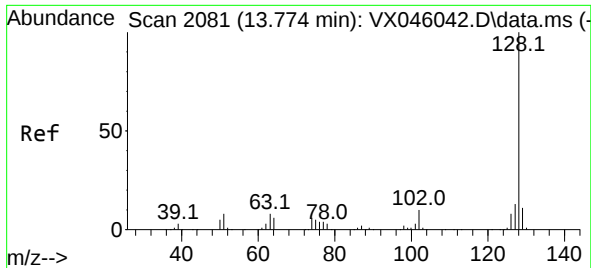
Tgt Ion:152 Resp: 48087
 Ion Ratio Lower Upper
 152 100
 115 65.4 46.9 140.7
 150 158.0 0.0 351.0



#84
 1,2,4-Trimethylbenzene
 Concen: 3.189 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX046274.D
 Acq: 19 May 2025 17:45

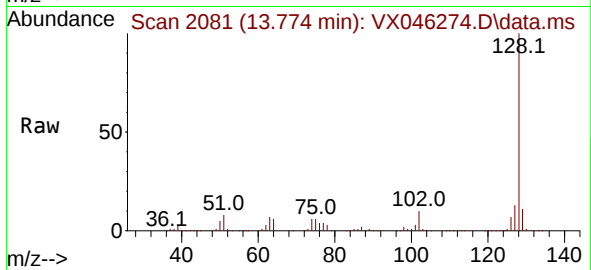
Tgt Ion:105 Resp: 10100
 Ion Ratio Lower Upper
 105 100
 120 27.0 21.2 63.6





#95
Naphthalene
Concen: 76.299 ug/l
RT: 13.774 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX046274.D
Acq: 19 May 2025 17:45

Instrument :
MSVOA_X
ClientSampleId :
SB-5



Tgt Ion:	128	Resp:	255843
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.1	8.6	13.0

