

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046814.D
 Acq On : 23 Jun 2025 13:03
 Operator : JC/MD
 Sample : Q2354-01
 Misc : 3.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 3321

Quant Time: Jun 24 04:06:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	114873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197305	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75605	47.583	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.160%		
35) Dibromofluoromethane	5.397	113	62062	47.541	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.080%		
50) Toluene-d8	8.647	98	234992	50.104	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.200%		
62) 4-Bromofluorobenzene	11.079	95	84291	48.213	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.420%		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	1104	1.390	ug/l	99
10) Methyl Iodide	2.459	142	5323	7.287	ug/l	94
13) Acrolein	2.251	56	1149	5.531	ug/l	98
14) Allyl chloride	2.818	41	18094	7.871	ug/l #	63
15) Acrylonitrile	3.093	53	833	1.299	ug/l #	48
16) Acetone	2.404	43	4002	7.553	ug/l #	81
18) Methyl Acetate	2.776	43	4922	3.657	ug/l #	53
20) Methylene Chloride	2.794	84	640	0.434	ug/l #	68
25) 2-Butanone	4.629	43	162	0.216	ug/l #	50
31) Cyclohexane	5.476	56	73841	31.036	ug/l	99
36) 1,1-Dichloropropene	5.556	75	9042	4.798	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11310	5.530	ug/l #	17
39) Methylcyclohexane	7.379	83	258442	104.219	ug/l	97
40) Benzene	6.043	78	48681	8.729	ug/l	99
41) Methacrylonitrile	5.111	41	395	0.426	ug/l #	46
43) Isopropyl Acetate	6.354	43	2814	1.034	ug/l #	63
45) 1,2-Dichloropropane	7.385	63	2575	1.863	ug/l #	1
47) Bromodichloromethane	7.769	83	1765	0.871	ug/l #	65
48) Methyl methacrylate	7.653	41	22101	16.190	ug/l #	49
51) 4-Methyl-2-Pentanone	8.598	43	17647	10.870	ug/l #	37
52) Toluene	8.720	92	284768	82.365	ug/l	99
53) t-1,3-Dichloropropene	8.714	75	3408	1.812	ug/l #	1
55) 1,1,2-Trichloroethane	9.098	97	90844	70.508	ug/l #	19
56) Ethyl methacrylate	9.104	69	21131	11.110	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.269	63	410	0.415	ug/l #	46
59) 2-Hexanone	9.384	43	64330	57.319	ug/l #	29
67) Ethyl Benzene	10.195	91	376695	59.753	ug/l	97
68) m/p-Xylenes	10.299	106	481240	204.870	ug/l	100
69) o-Xylene	10.640	106	226013	102.667	ug/l	96
70) Styrene	10.640	104	10714	2.781	ug/l #	1
73) Isopropylbenzene	10.963	105	128516	25.997	ug/l	100
74) N-amyl acetate	10.854	43	60954	32.543	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.219	83	39364	28.517	ug/l #	25
76) 1,2,3-Trichloropropane	11.299	75	3077	2.503	ug/l #	1
78) n-propylbenzene	11.305	91	507376	86.409	ug/l	99
79) 2-Chlorotoluene	11.378	91	233240	66.530	ug/l #	42

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

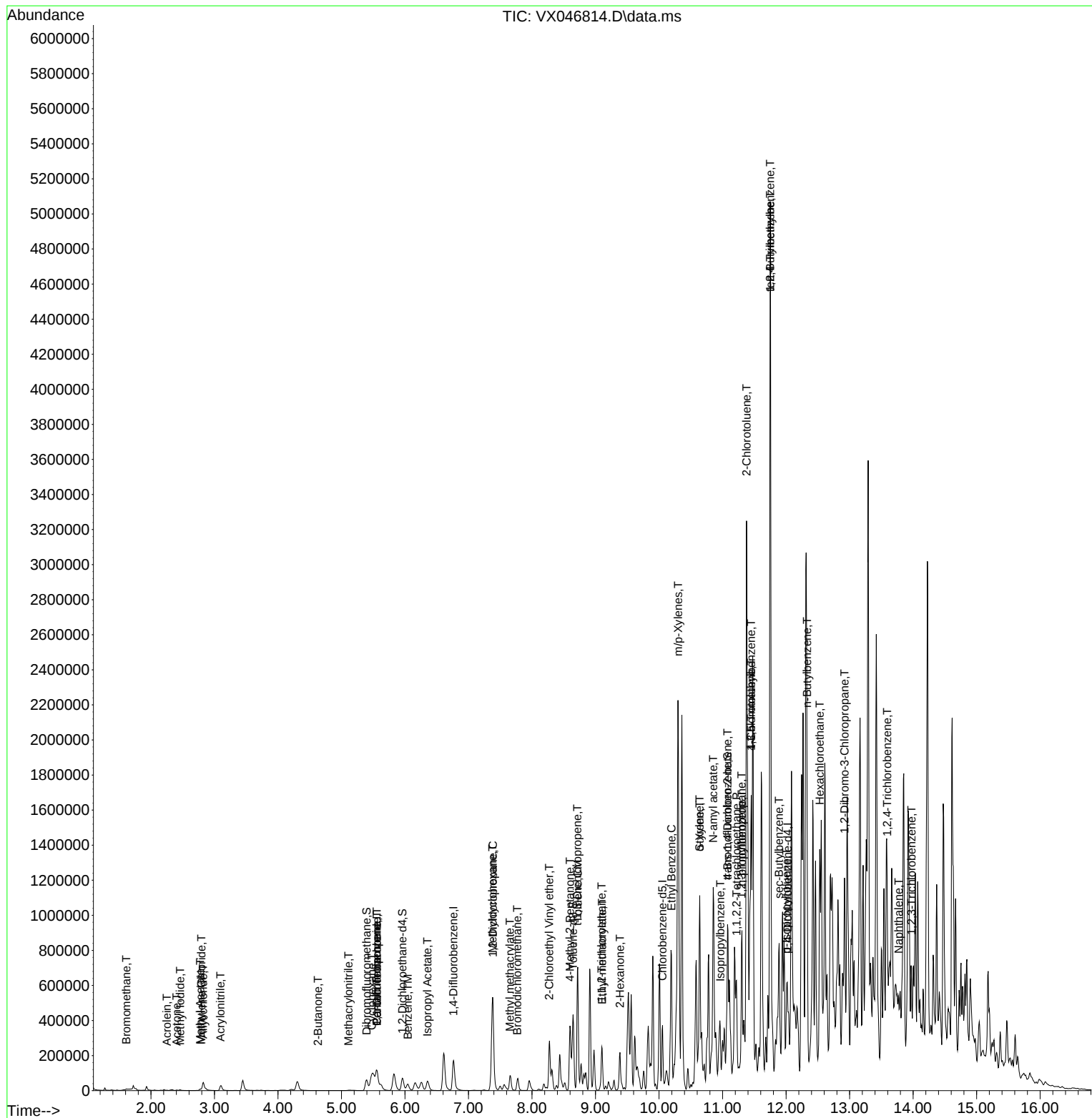
80) 1,3,5-Trimethylbenzene	11.451	105	563211	138.638	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	36813	84.641	ug/l #	23
82) 4-Chlorotoluene	11.451	91	62481	15.271	ug/l #	46
83) tert-Butylbenzene	11.750	119	252321	60.087	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.750	105	2059528	504.592	ug/l	98
85) sec-Butylbenzene	11.890	105	223244	42.065	ug/l	86
86) p-Isopropyltoluene	12.006	119	126842	28.327	ug/l	99
89) n-Butylbenzene	12.329	91	484500	113.957	ug/l #	50
90) Hexachloroethane	12.530	117	46913	59.828	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	12.920	75	2870	10.531	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.591	180	496	0.322	ug/l #	1
95) Naphthalene	13.774	128	151415	34.487	ug/l #	89
96) 1,2,3-Trichlorobenzene	13.975	180	3051	2.069	ug/l #	1

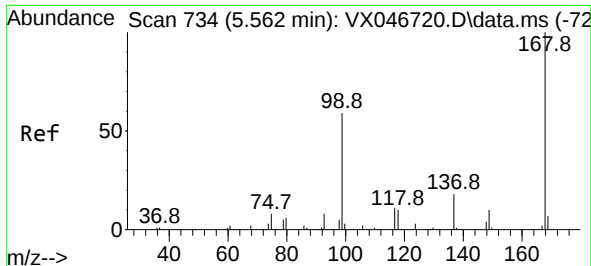
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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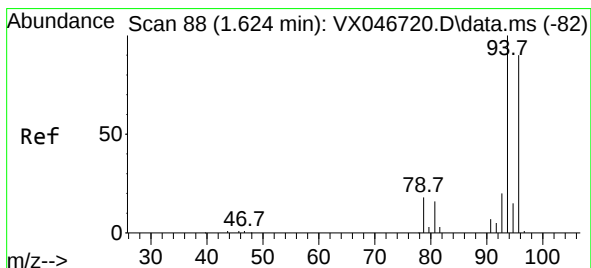
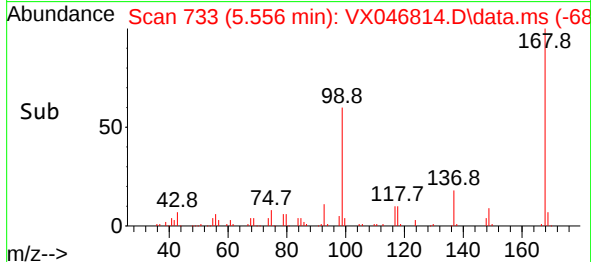
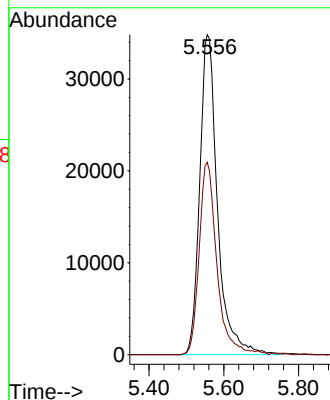
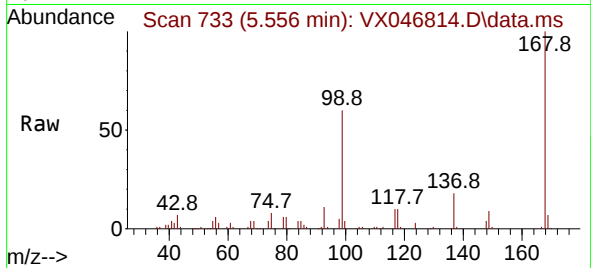




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

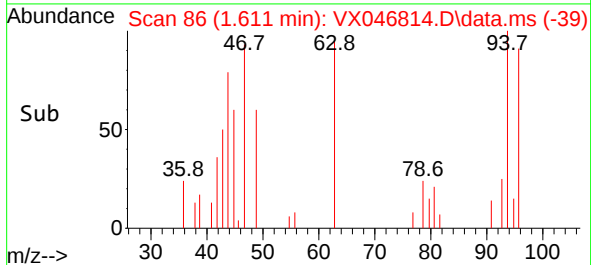
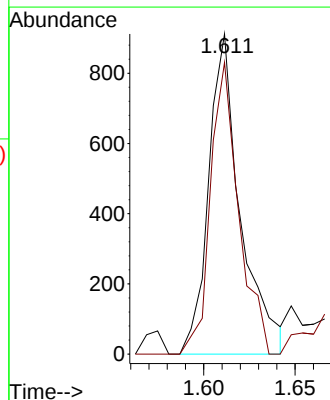
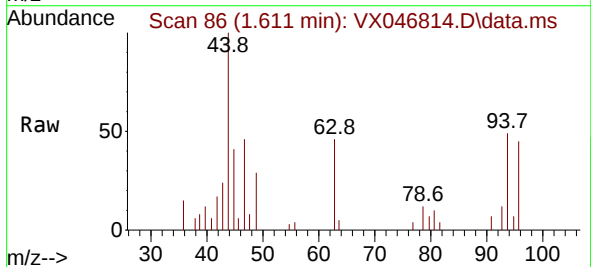
Instrument : MSVOA_X
ClientSampleId : 3321

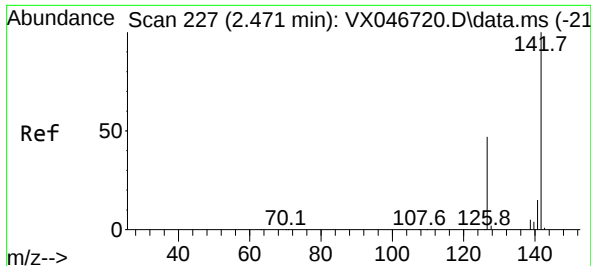
Tgt Ion:168 Resp: 114873
Ion Ratio Lower Upper
168 100
99 60.1 48.5 72.7



#5
Bromomethane
Concen: 1.390 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.012 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion: 94 Resp: 1104
Ion Ratio Lower Upper
94 100
96 91.1 72.3 108.5

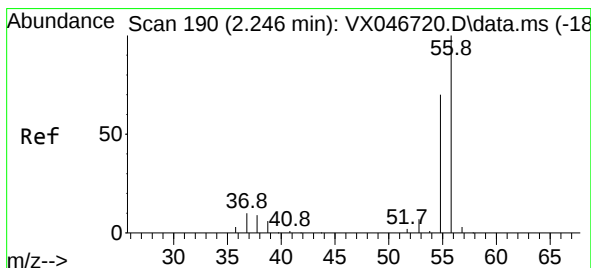
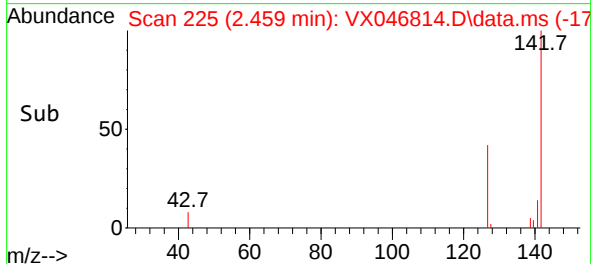
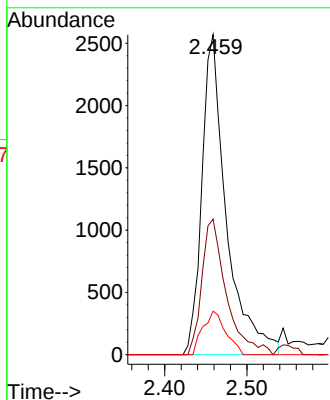
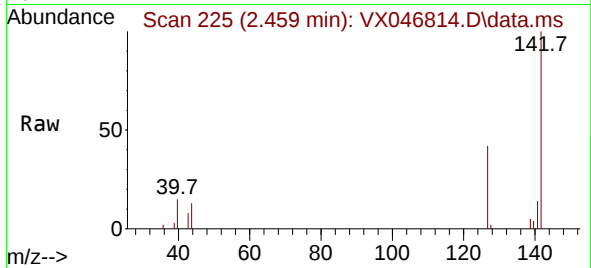




#10
Methyl Iodide
Concen: 7.287 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

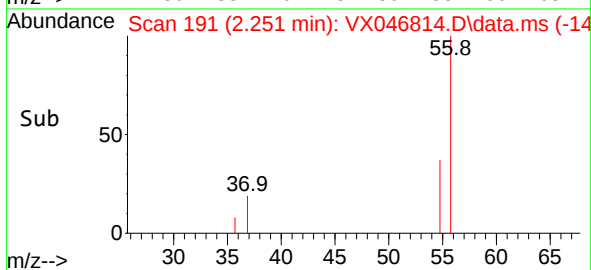
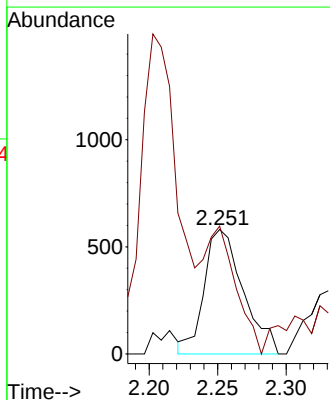
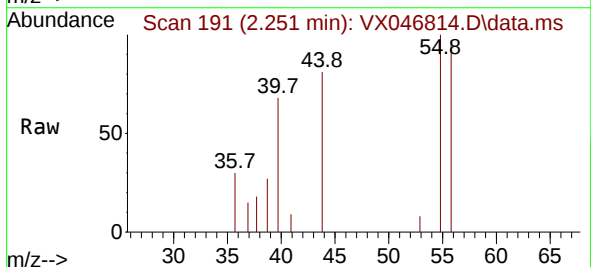
Instrument :
MSVOA_X
ClientSampleId :
3321

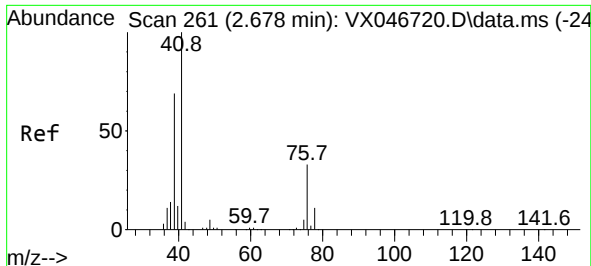
Tgt Ion:142 Resp: 5323
Ion Ratio Lower Upper
142 100
127 42.2 37.0 55.6
141 12.7 11.5 17.3



#13
Acrolein
Concen: 5.531 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.006 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion: 56 Resp: 1149
Ion Ratio Lower Upper
56 100
55 70.8 55.2 82.8

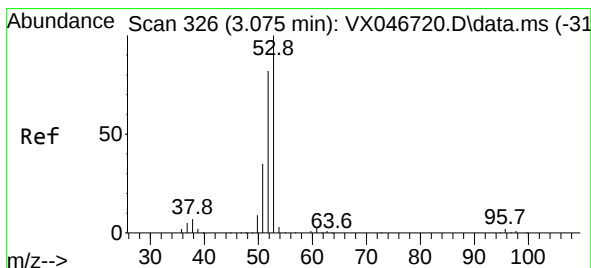
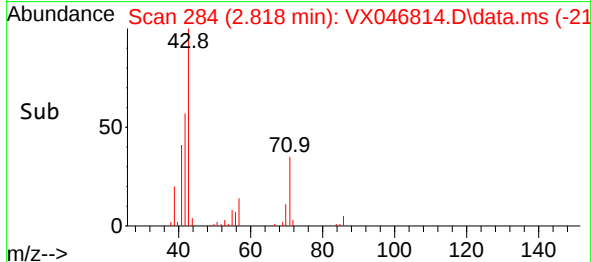
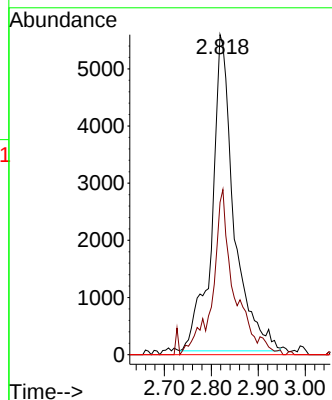
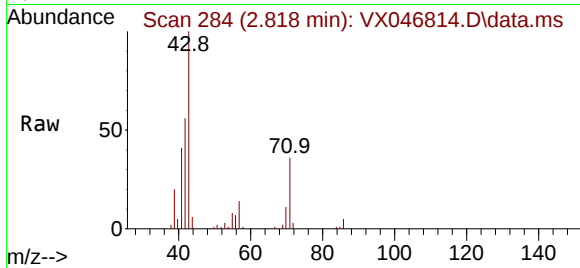




#14
 Allyl chloride
 Concen: 7.871 ug/l
 RT: 2.818 min Scan# 21
 Delta R.T. 0.140 min
 Lab File: VX046814.D
 Acq: 23 Jun 2025 13:03

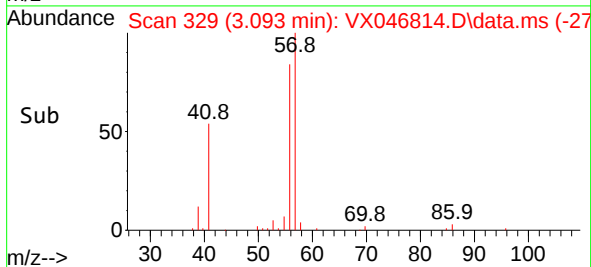
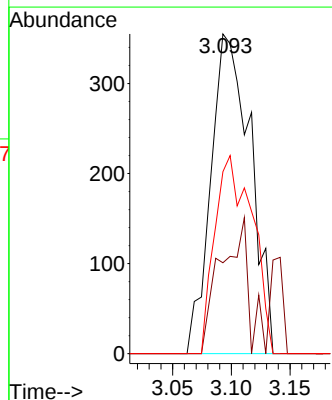
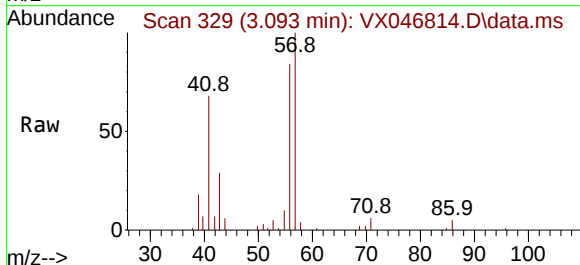
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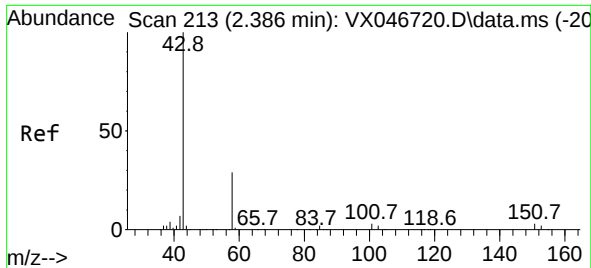
Tgt Ion: 41 Resp: 18094
 Ion Ratio Lower Upper
 41 100
 39 45.5 53.6 80.4#
 76 0.0 26.8 40.2#



#15
 Acrylonitrile
 Concen: 1.299 ug/l
 RT: 3.093 min Scan# 329
 Delta R.T. 0.018 min
 Lab File: VX046814.D
 Acq: 23 Jun 2025 13:03

Tgt Ion: 53 Resp: 833
 Ion Ratio Lower Upper
 53 100
 52 30.3 65.1 97.7#
 51 58.8 28.9 43.3#

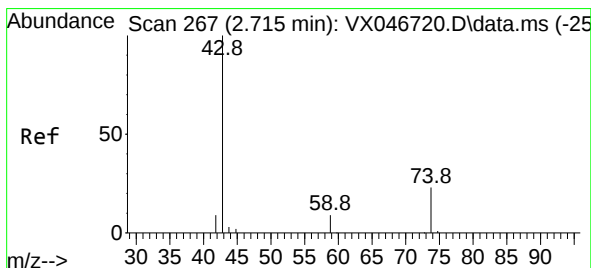
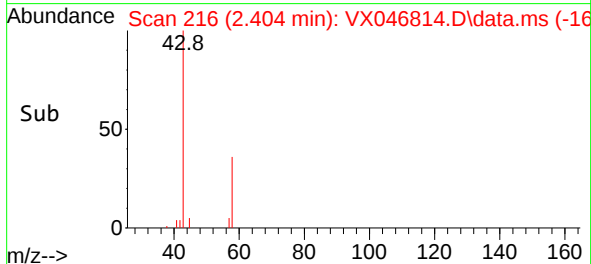
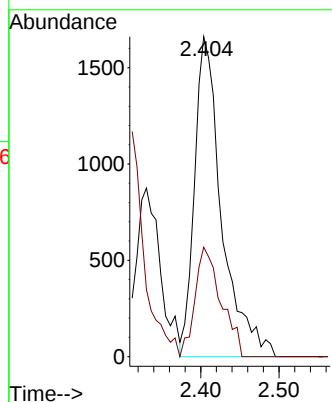
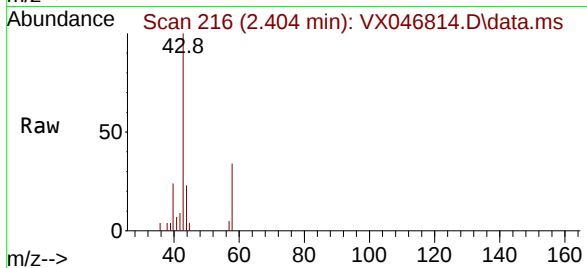




#16
Acetone
Concen: 7.553 ug/l
RT: 2.404 min Scan# 213
Delta R.T. 0.018 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

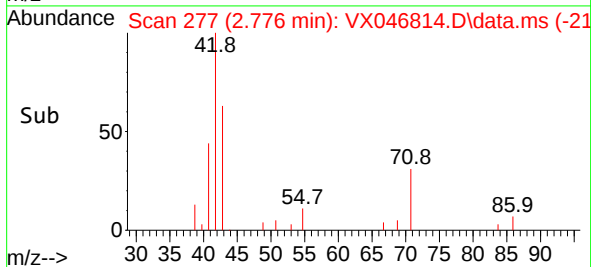
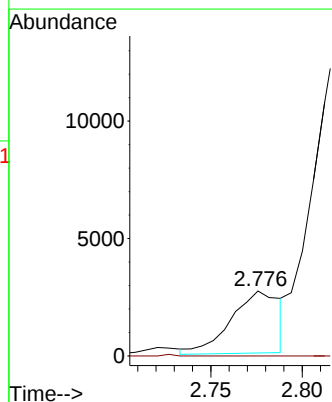
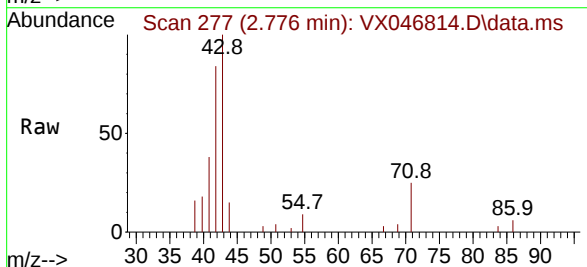
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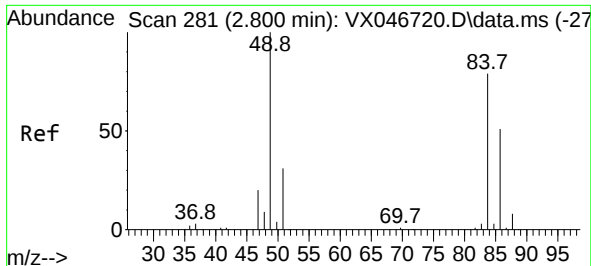
Tgt Ion: 43 Resp: 4002
Ion Ratio Lower Upper
43 100
58 40.8 24.5 36.7#



#18
Methyl Acetate
Concen: 3.657 ug/l
RT: 2.776 min Scan# 277
Delta R.T. 0.061 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion: 43 Resp: 4922
Ion Ratio Lower Upper
43 100
74 0.0 18.4 27.6#

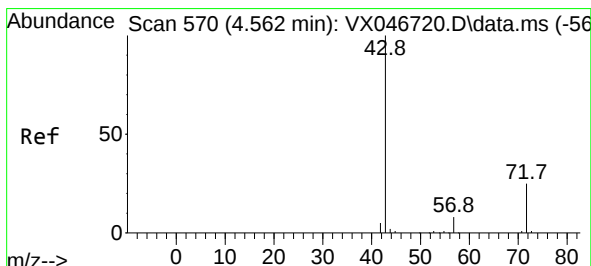
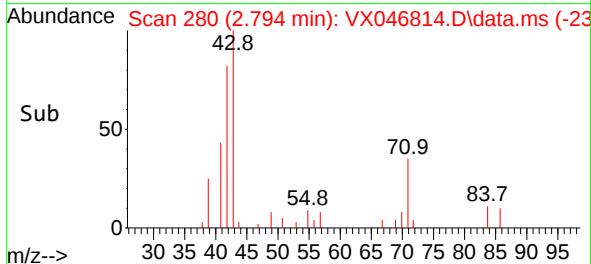
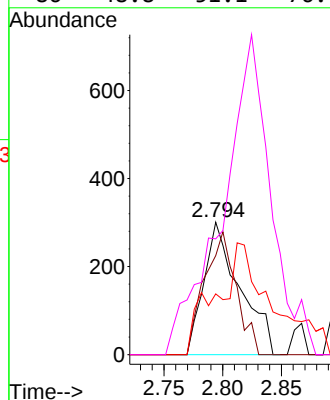
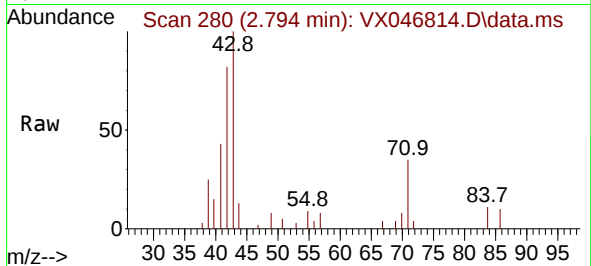




#20
Methylene Chloride
Concen: 0.434 ug/l
RT: 2.794 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046814.D
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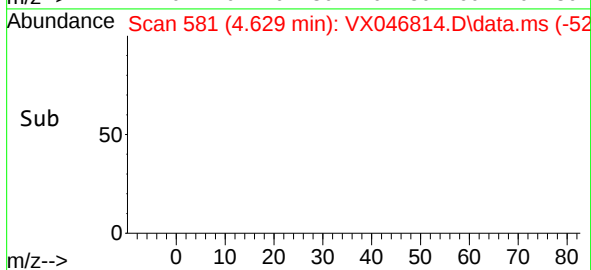
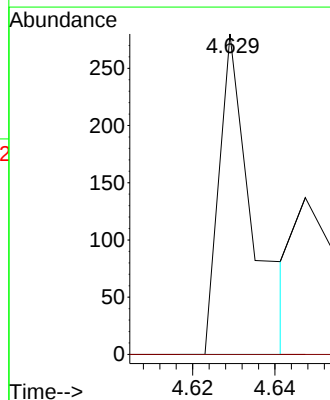
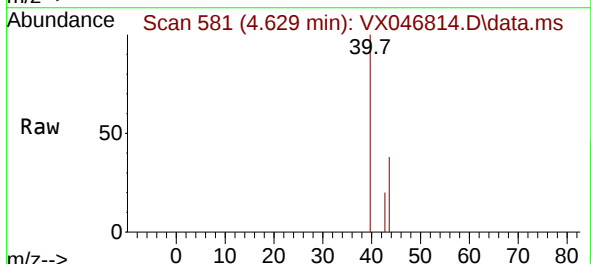
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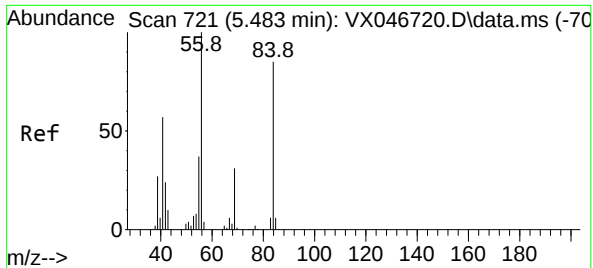
Tgt Ion: 84 Resp: 640
Ion Ratio Lower Upper
84 100
49 74.8 101.3 151.9#
51 45.8 31.0 46.6
86 48.8 51.1 76.7#



#25
2-Butanone
Concen: 0.216 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.067 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion: 43 Resp: 162
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.4#

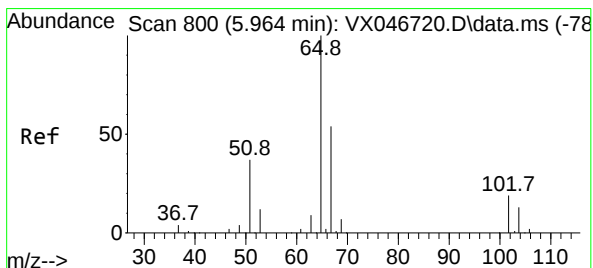
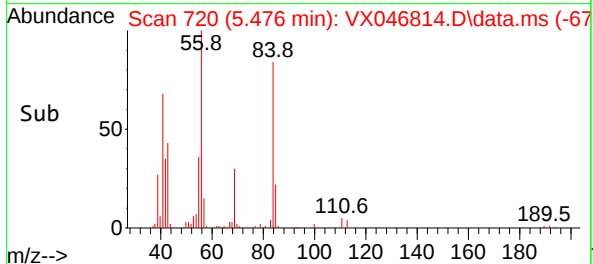
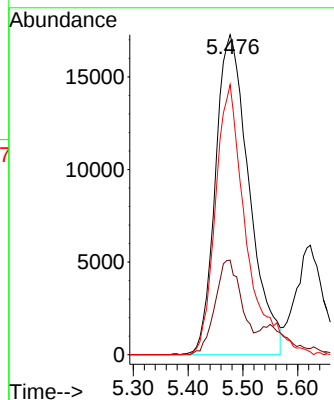
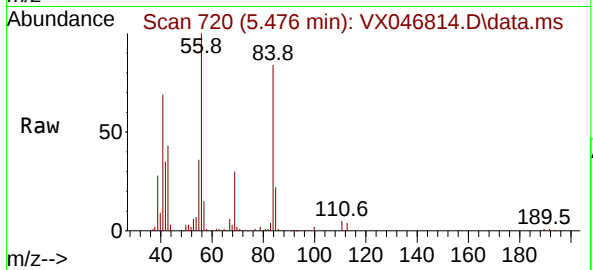




#31
Cyclohexane
Concen: 31.036 ug/l
RT: 5.476 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

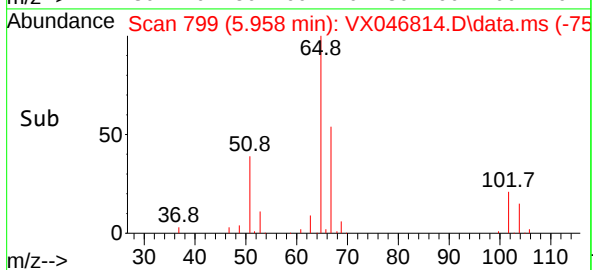
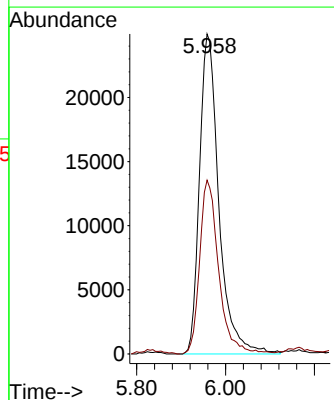
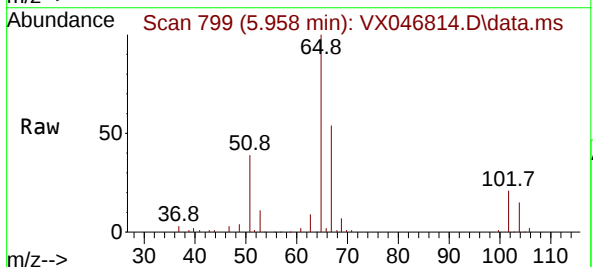
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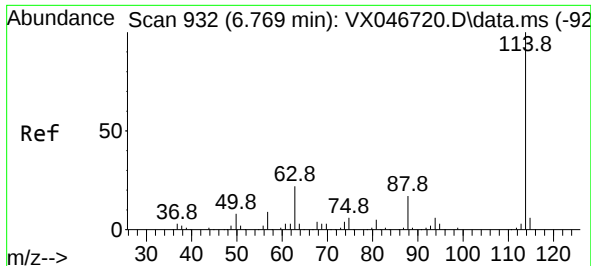
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Ion Ratio Lower Upper
56 100
69 31.6 24.8 37.2
84 84.4 68.2 102.2



#33
1,2-Dichloroethane-d4
Concen: 47.583 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion: 65 Resp: 75605
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.4

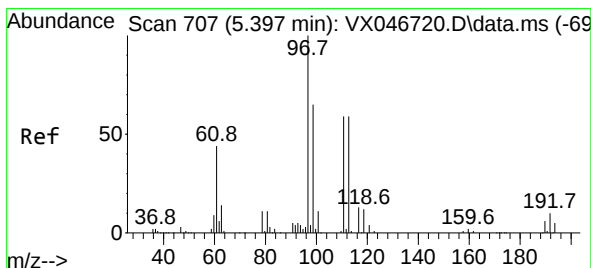
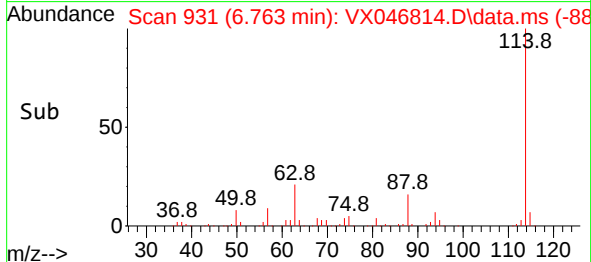
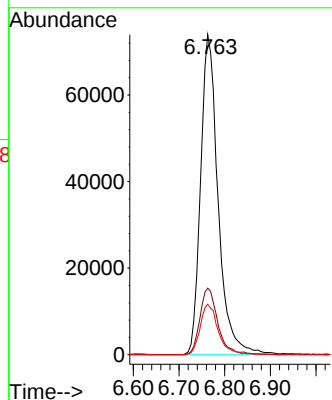
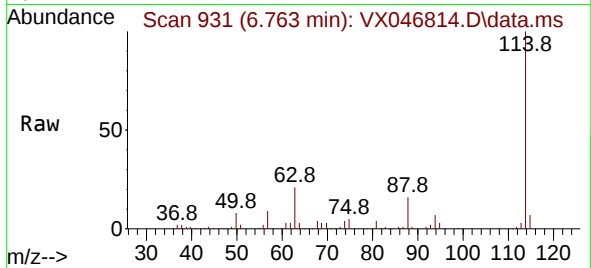




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

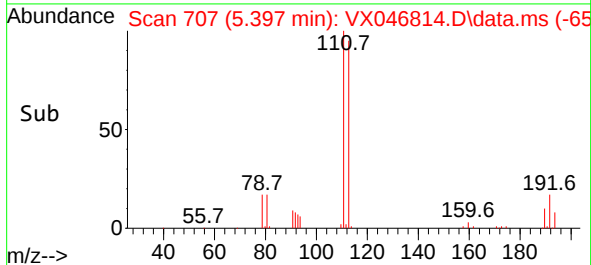
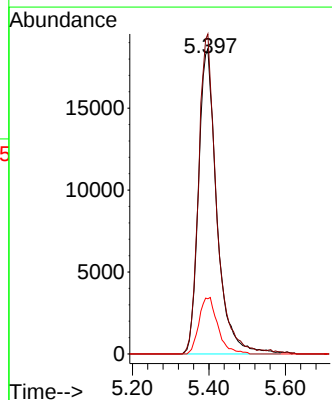
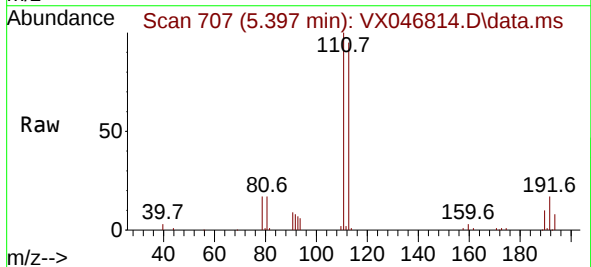
Instrument :
MSVOA_X
ClientSampleId :
3321

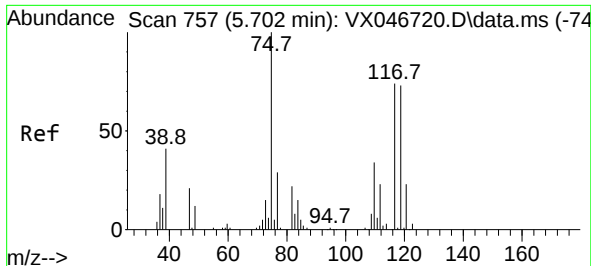
Tgt Ion:114 Resp: 197305
Ion Ratio Lower Upper
114 100
63 20.8 0.0 44.2
88 15.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.541 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion:113 Resp: 62062
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 19.0 15.3 22.9

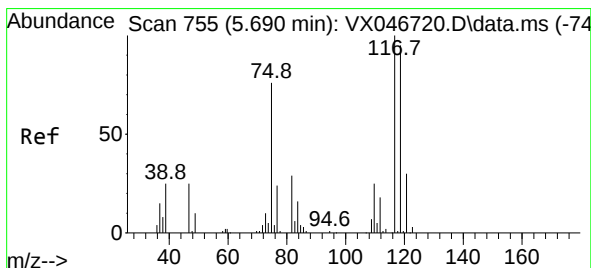
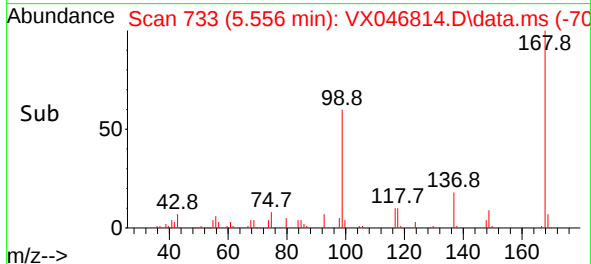
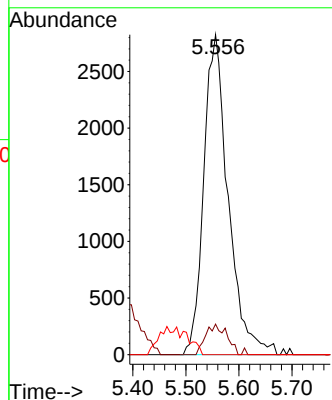
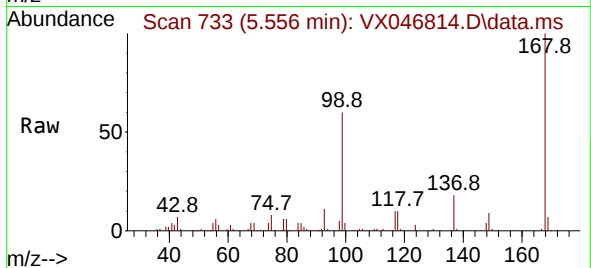




#36
1,1-Dichloropropene
Concen: 4.798 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.147 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

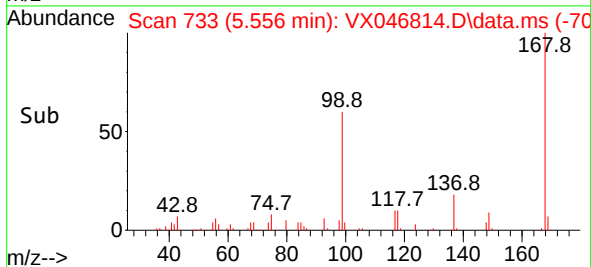
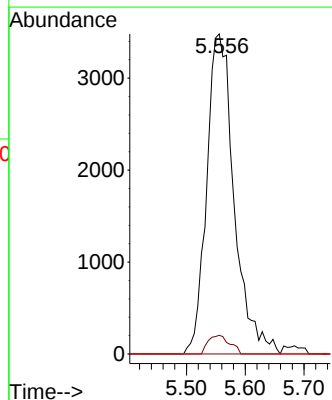
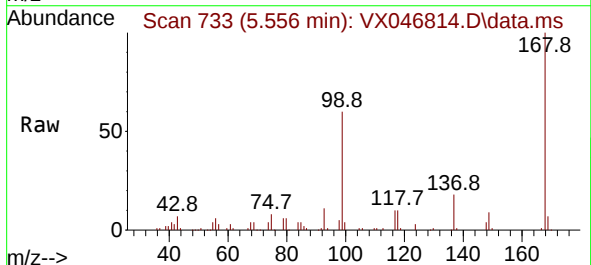
Instrument :
MSVOA_X
ClientSampleId :
3321

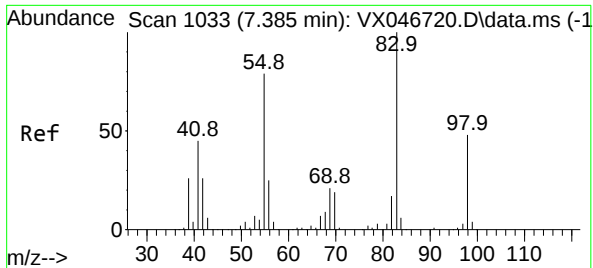
Tgt Ion: 75 Resp: 9042
Ion Ratio Lower Upper
75 100
110 8.2 17.2 51.5#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.530 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion: 117 Resp: 11310
Ion Ratio Lower Upper
117 100
119 5.9 75.2 112.8#
121 0.0 24.1 36.1#

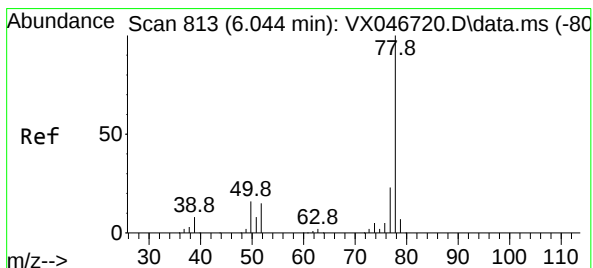
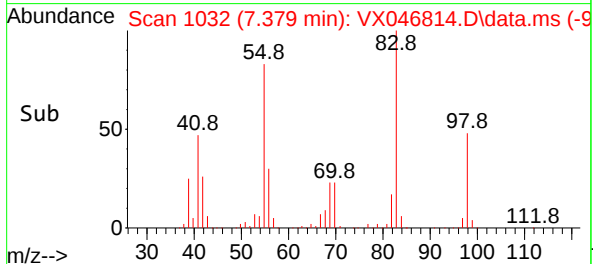
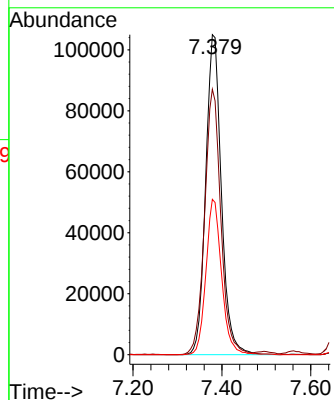
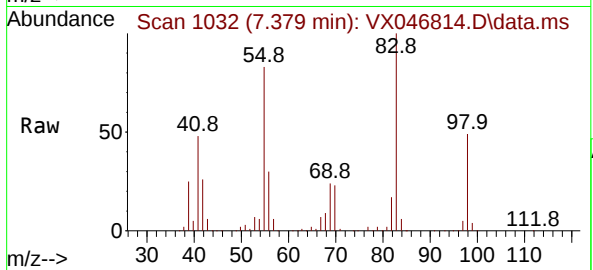




#39
Methylcyclohexane
Concen: 104.219 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

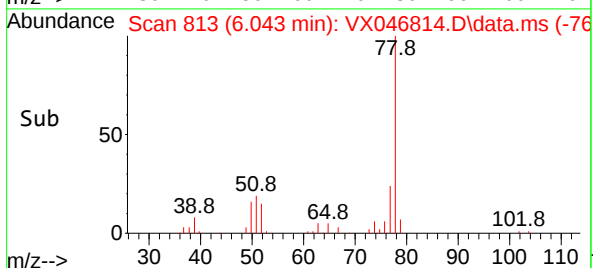
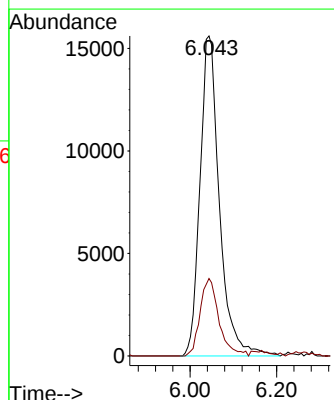
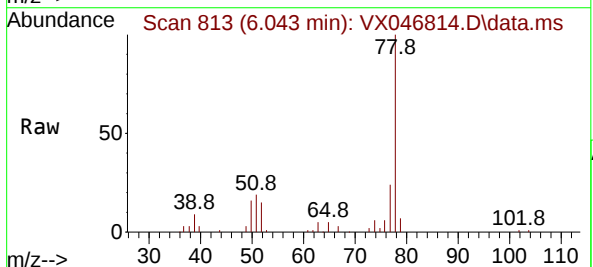
Instrument :
MSVOA_X
ClientSampleId :
3321

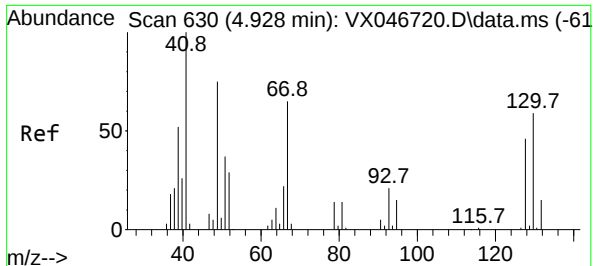
Tgt Ion: 83 Resp: 258442
Ion Ratio Lower Upper
83 100
55 82.9 63.0 94.4
98 48.5 38.8 58.2



#40
Benzene
Concen: 8.729 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion: 78 Resp: 48681
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2

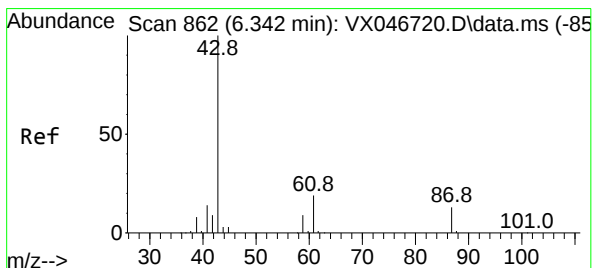
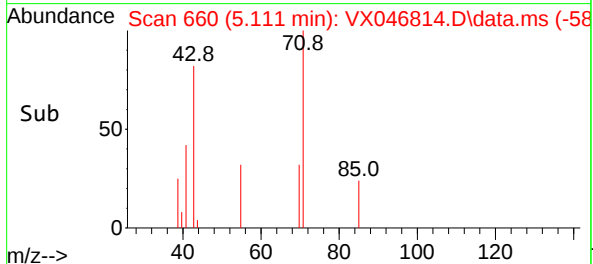
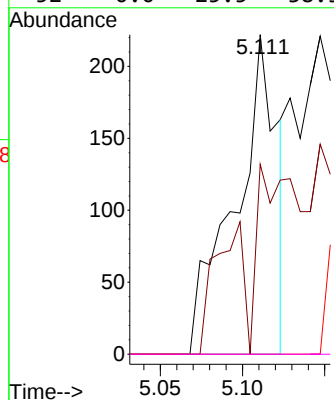
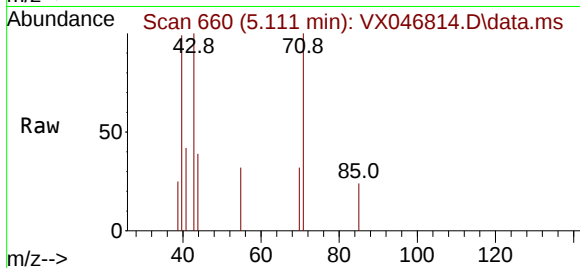




#41
Methacrylonitrile
Concen: 0.426 ug/l
RT: 5.111 min Scan# 60
Delta R.T. 0.183 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

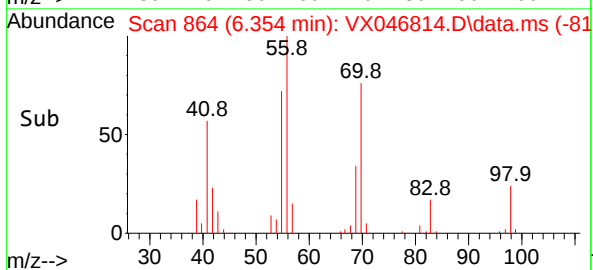
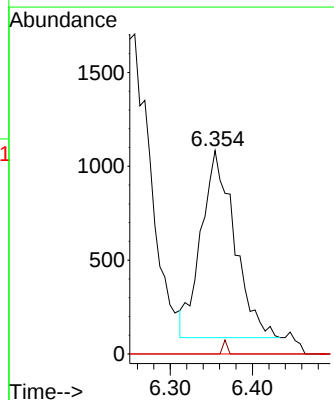
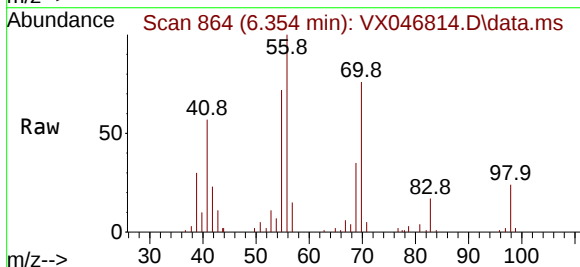
Instrument :
MSVOA_X
ClientSampleId :
3321

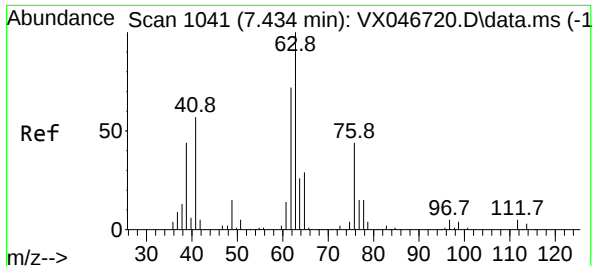
Tgt Ion:	41	Resp:	395
Ion	Ratio	Lower	Upper
41	100		
39	53.7	45.9	68.9
67	0.0	61.2	91.8#
52	0.0	25.5	38.3#



#43
Isopropyl Acetate
Concen: 1.034 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion:	43	Resp:	2814
Ion	Ratio	Lower	Upper
43	100		
61	1.0	15.3	22.9#
87	0.0	10.0	15.0#





#45

1,2-Dichloropropane

Concen: 1.863 ug/l

RT: 7.385 min Scan# 1096

Delta R.T. -0.049 min

Lab File: VX046814.D

Acq: 23 Jun 2025 13:03

Instrument :

MSVOA_X

ClientSampleId :

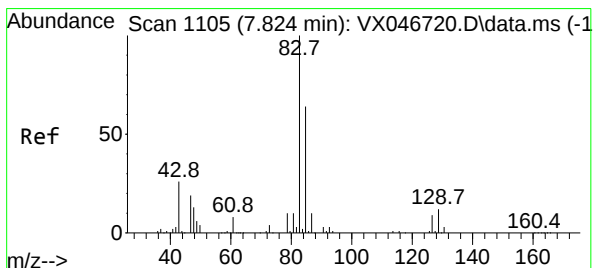
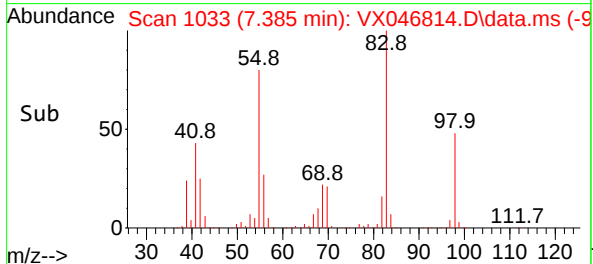
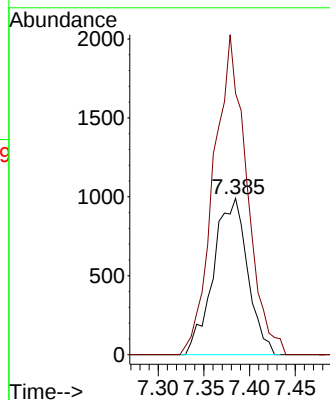
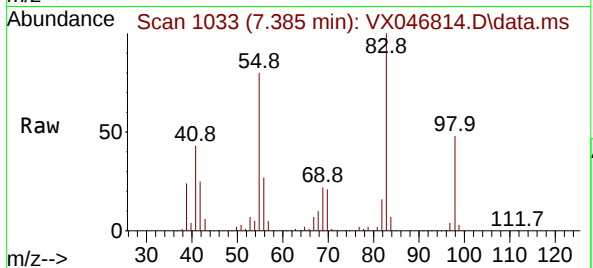
3321

Tgt Ion: 63 Resp: 2575

Ion Ratio Lower Upper

63 100

65 167.2 22.9 34.3#



#47

Bromodichloromethane

Concen: 0.871 ug/l

RT: 7.769 min Scan# 1096

Delta R.T. -0.055 min

Lab File: VX046814.D

Acq: 23 Jun 2025 13:03

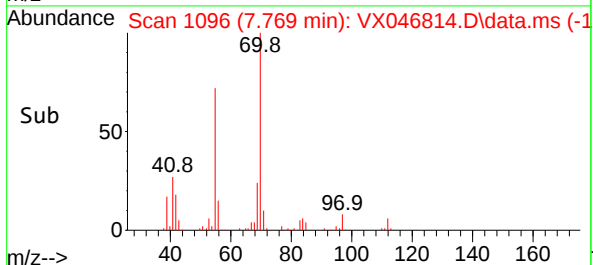
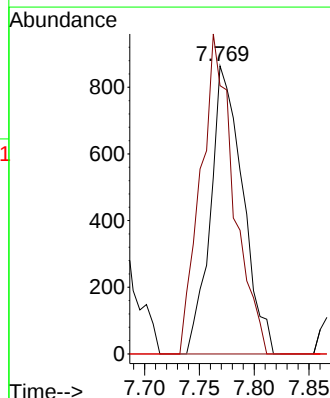
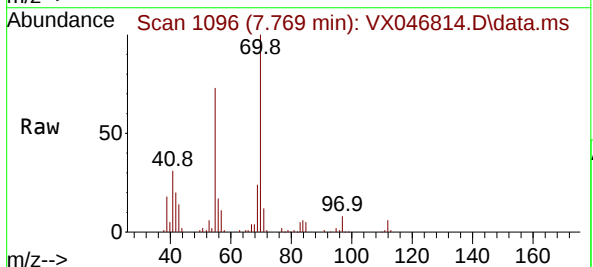
Tgt Ion: 83 Resp: 1765

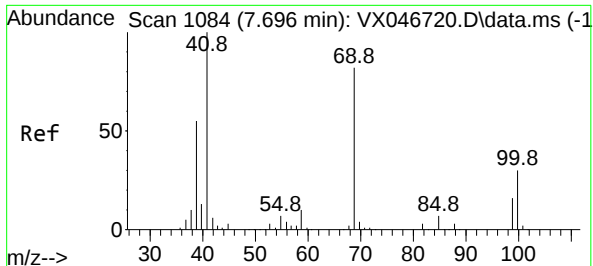
Ion Ratio Lower Upper

83 100

85 93.2 51.4 77.2#

127 0.0 6.9 10.3#





#48

Methyl methacrylate

Concen: 16.190 ug/l

RT: 7.653 min Scan# 11

Delta R.T. -0.043 min

Lab File: VX046814.D

Acq: 23 Jun 2025 13:03

Instrument :

MSVOA_X

ClientSampleId :

3321

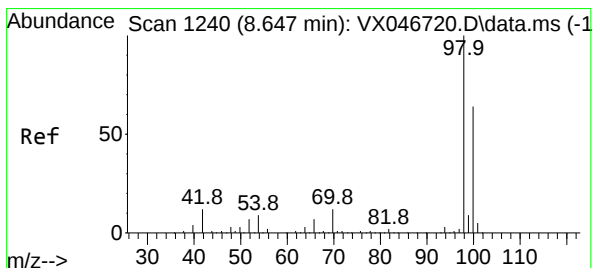
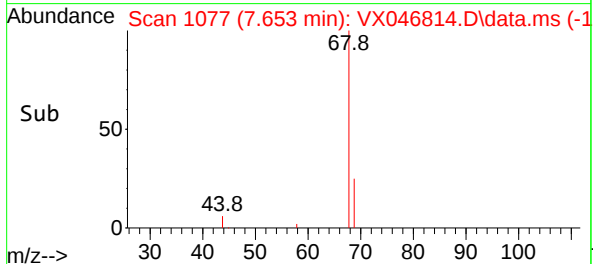
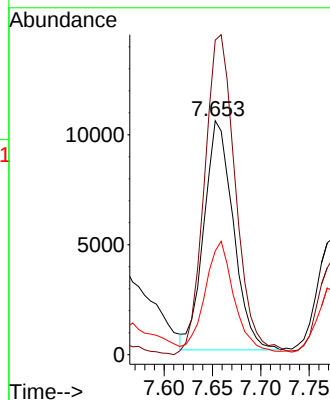
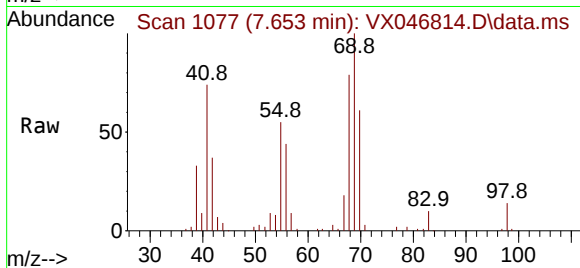
Tgt Ion: 41 Resp: 22101

Ion Ratio Lower Upper

41 100

69 147.8 63.4 95.2#

39 47.7 45.4 68.0



#50

Toluene-d8

Concen: 50.104 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046814.D

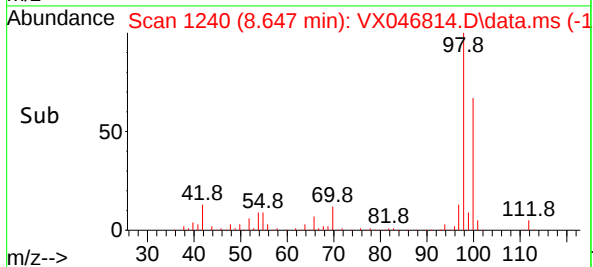
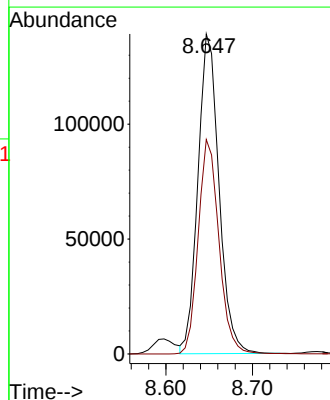
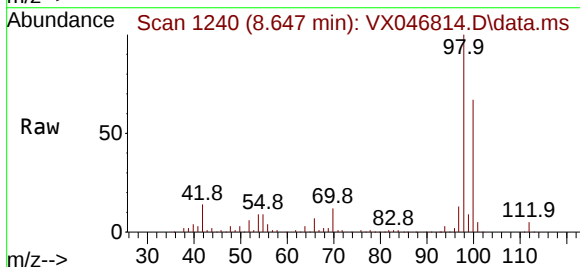
Acq: 23 Jun 2025 13:03

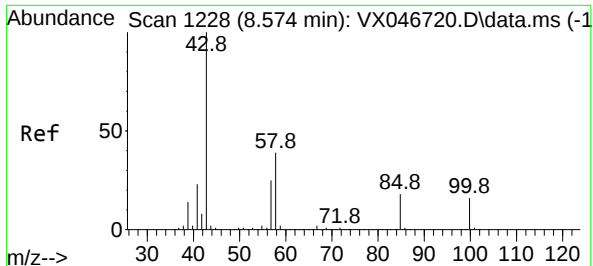
Tgt Ion: 98 Resp: 234992

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4

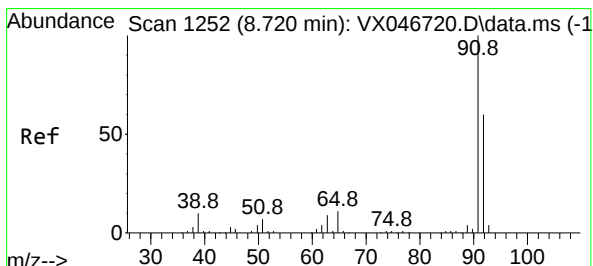
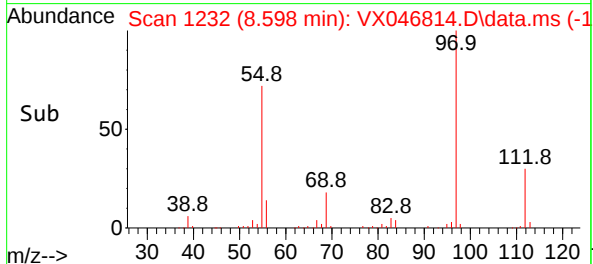
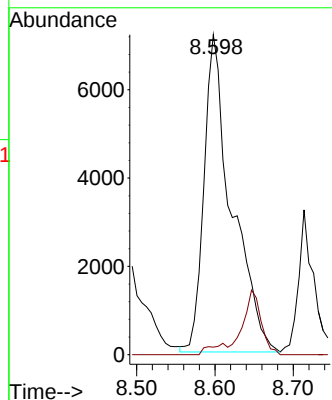
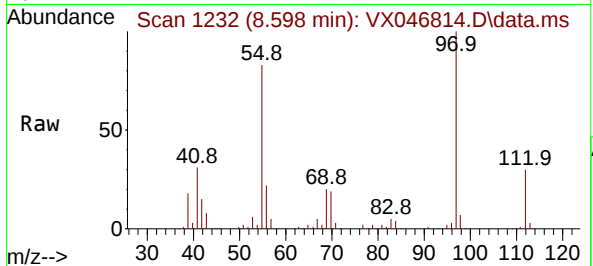




#51
4-Methyl-2-Pentanone
Concen: 10.870 ug/l
RT: 8.598 min Scan# 11
Delta R.T. 0.024 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

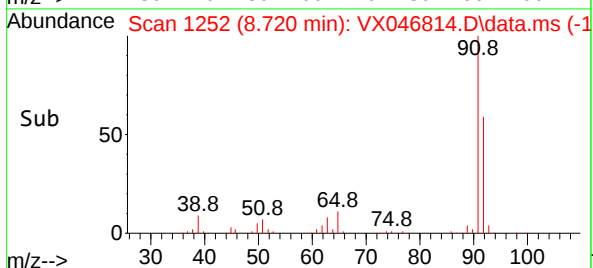
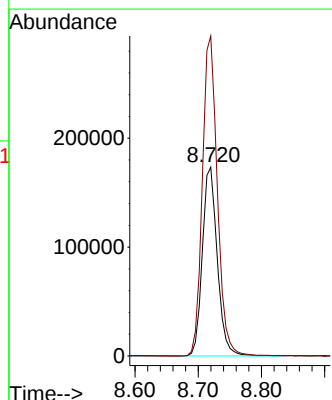
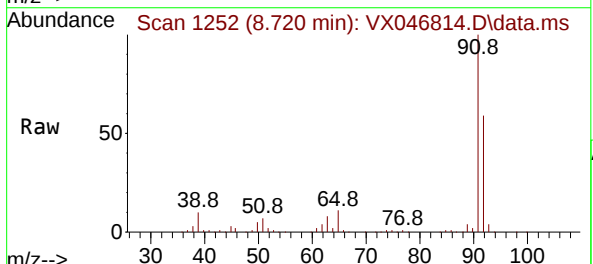
Instrument :
MSVOA_X
ClientSampleId :
3321

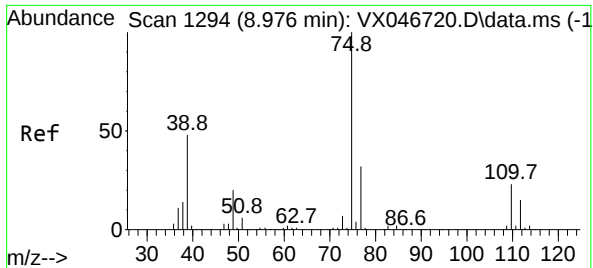
Tgt Ion: 43 Resp: 17647
Ion Ratio Lower Upper
43 100
58 0.0 30.8 46.2#



#52
Toluene
Concen: 82.365 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion: 92 Resp: 284768
Ion Ratio Lower Upper
92 100
91 170.4 134.8 202.2





#53

t-1,3-Dichloropropene

Concen: 1.812 ug/l

RT: 8.714 min Scan# 11

Delta R.T. -0.262 min

Lab File: VX046814.D

Acq: 23 Jun 2025 13:03

Instrument :

MSVOA_X

ClientSampleId :

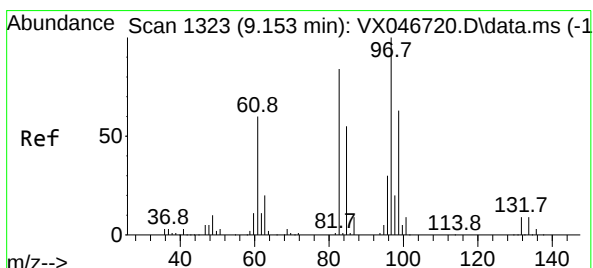
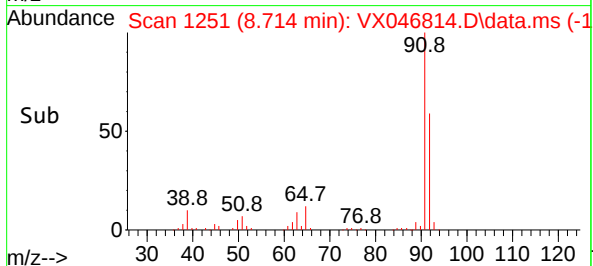
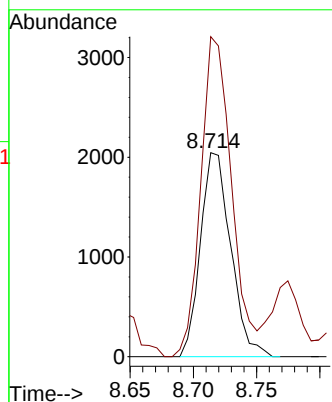
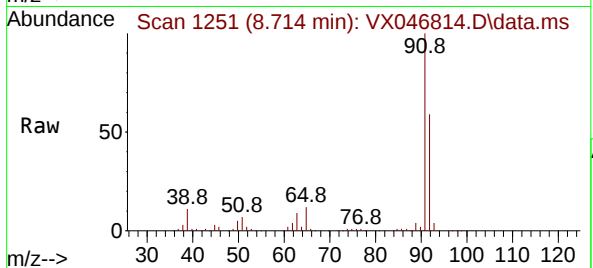
3321

Tgt Ion: 75 Resp: 3408

Ion Ratio Lower Upper

75 100

77 153.3 25.6 38.4#



#55

1,1,2-Trichloroethane

Concen: 70.508 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.055 min

Lab File: VX046814.D

Acq: 23 Jun 2025 13:03

Tgt Ion: 97 Resp: 90844

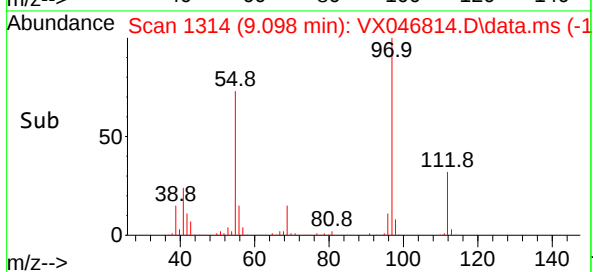
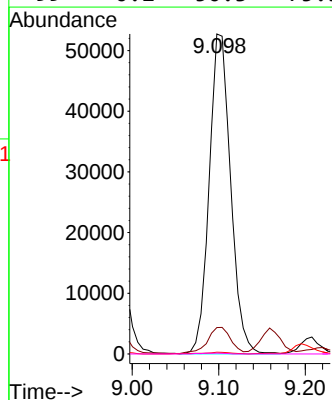
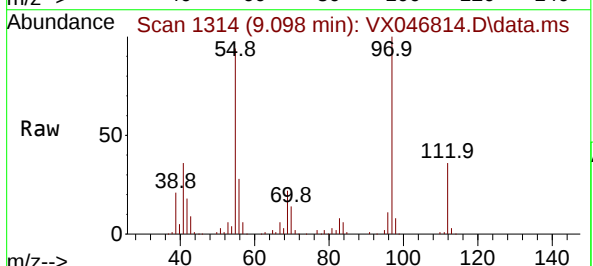
Ion Ratio Lower Upper

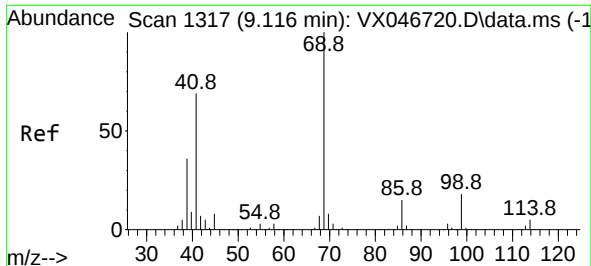
97 100

83 8.1 67.2 100.8#

85 0.4 44.1 66.1#

99 0.2 50.3 75.5#

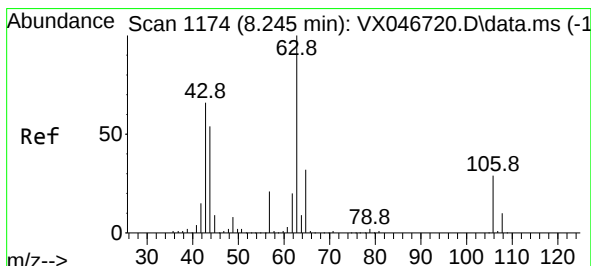
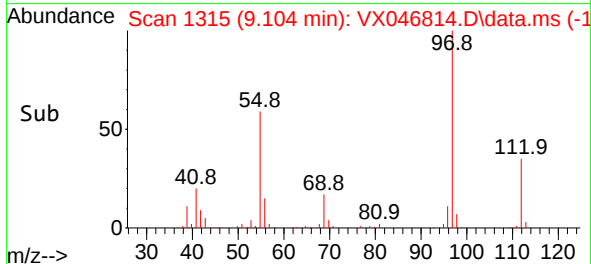
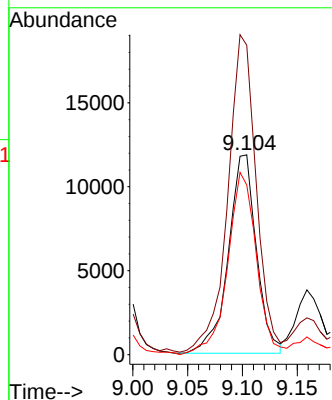
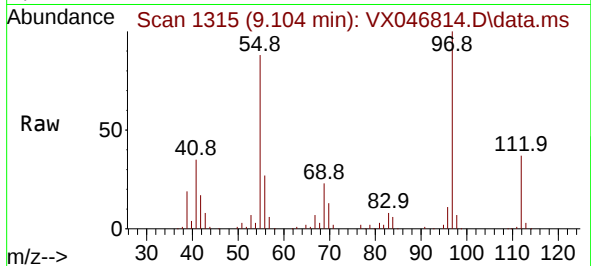




#56
Ethyl methacrylate
Concen: 11.110 ug/l
RT: 9.104 min Scan# 111
Delta R.T. -0.012 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

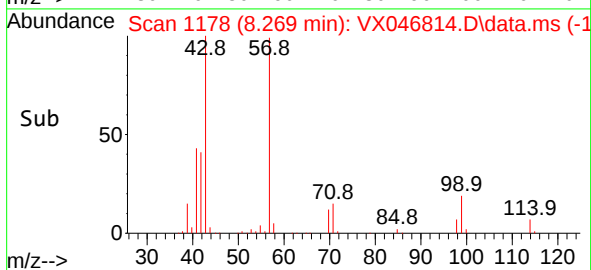
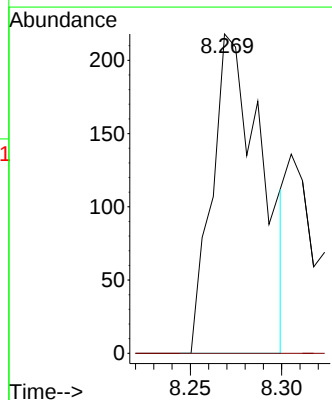
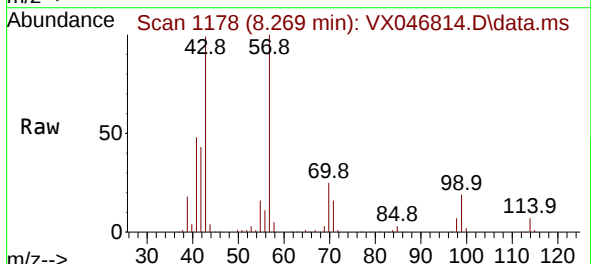
Instrument :
MSVOA_X
ClientSampleId :
3321

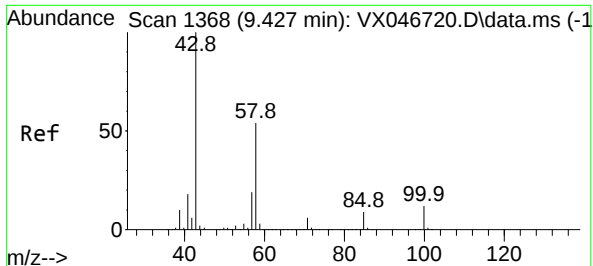
Tgt Ion: 69 Resp: 21131
Ion Ratio Lower Upper
69 100
41 160.6 55.4 83.2#
39 93.8 29.7 44.5#



#58
2-Chloroethyl Vinyl ether
Concen: 0.415 ug/l
RT: 8.269 min Scan# 1178
Delta R.T. 0.024 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion: 63 Resp: 410
Ion Ratio Lower Upper
63 100
106 0.0 22.6 34.0#

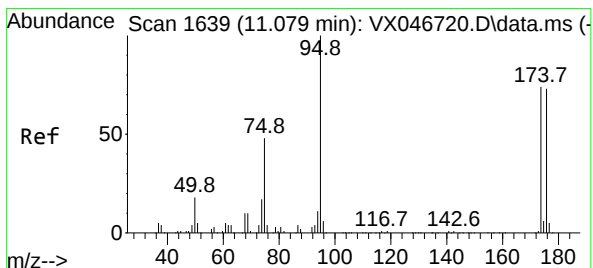
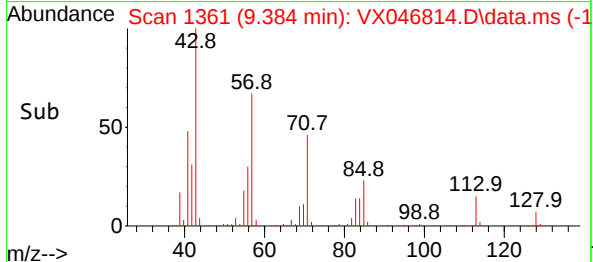
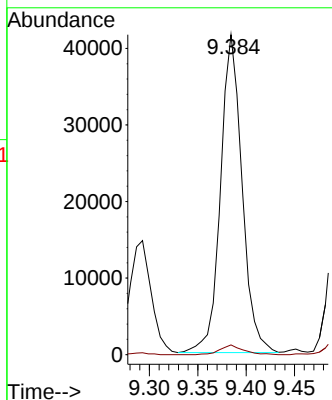
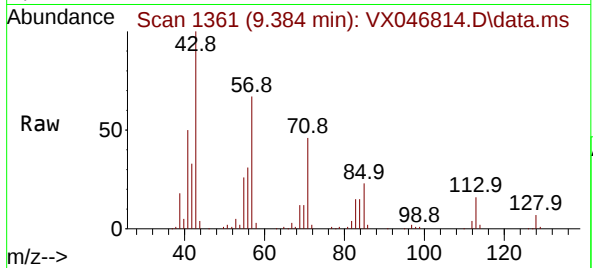




#59
2-Hexanone
Concen: 57.319 ug/l
RT: 9.384 min Scan# 11
Delta R.T. -0.043 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

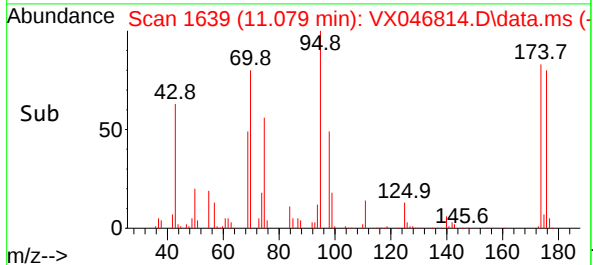
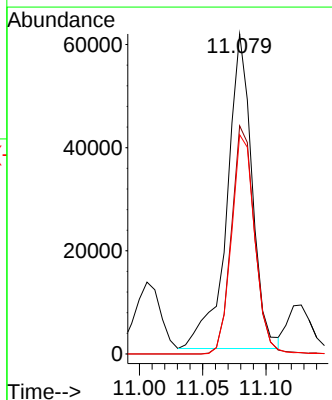
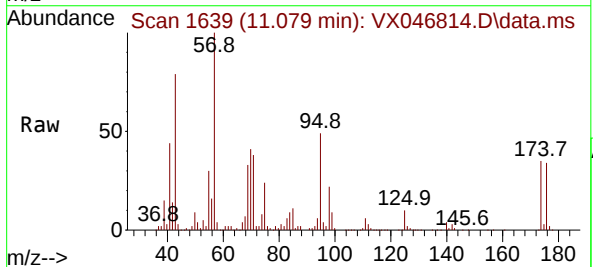
Instrument :
MSVOA_X
ClientSampleId :
3321

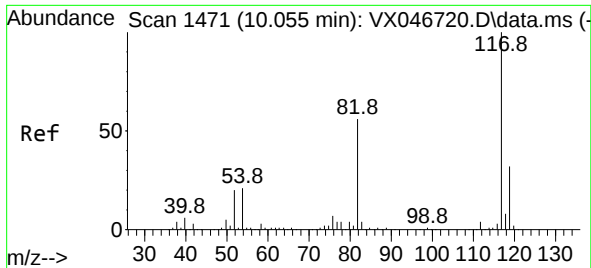
Tgt Ion: 43 Resp: 64330
Ion Ratio Lower Upper
43 100
58 3.2 26.8 80.4#



#62
4-Bromofluorobenzene
Concen: 48.213 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion: 95 Resp: 84291
Ion Ratio Lower Upper
95 100
174 67.0 0.0 150.4
176 65.2 0.0 145.0

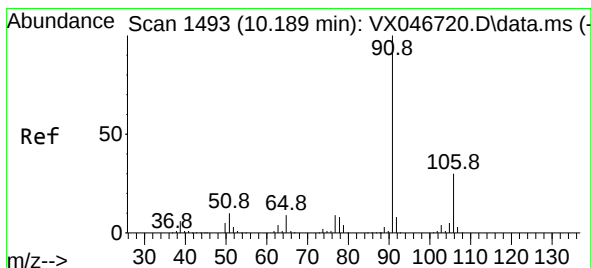
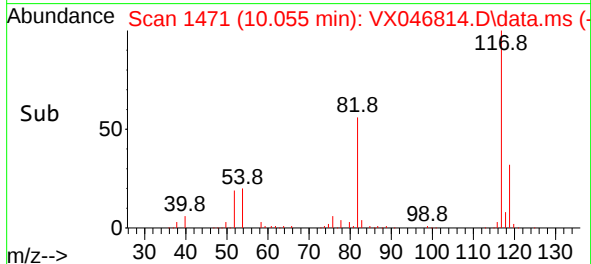
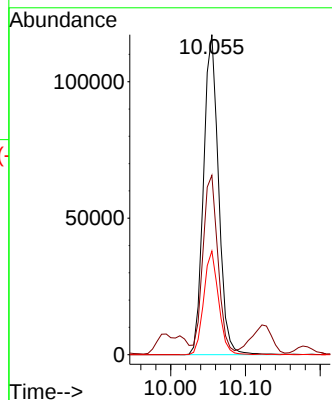
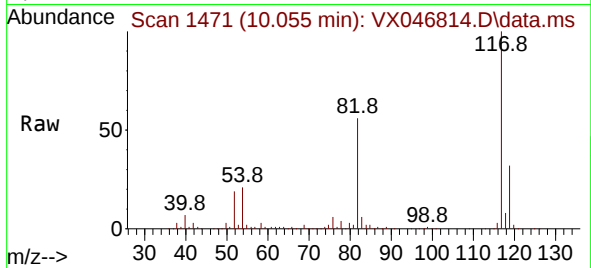




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

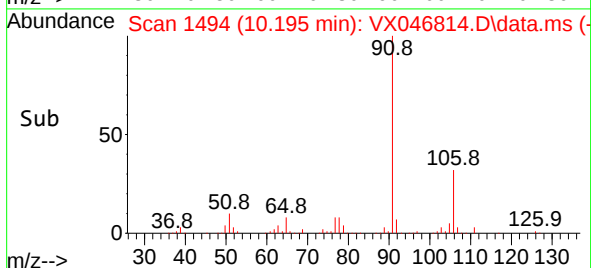
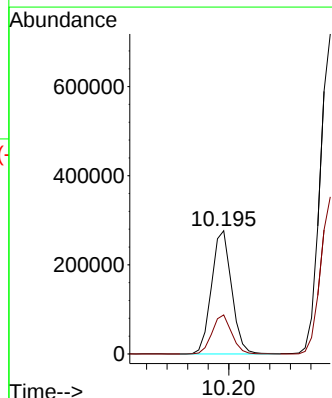
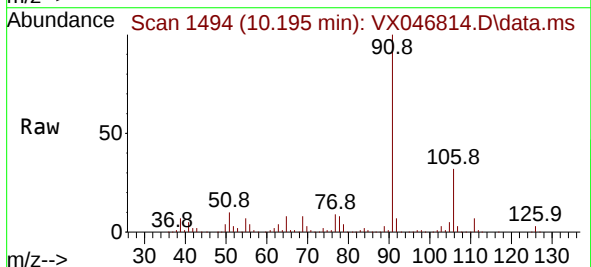
Instrument :
MSVOA_X
ClientSampleId :
3321

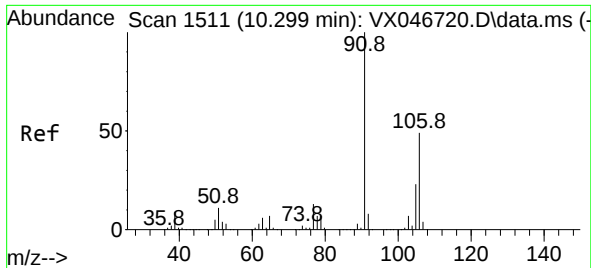
Tgt Ion:117 Resp: 163448
Ion Ratio Lower Upper
117 100
82 55.0 44.6 66.8
119 32.4 25.8 38.8



#67
Ethyl Benzene
Concen: 59.753 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion: 91 Resp: 376695
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.2

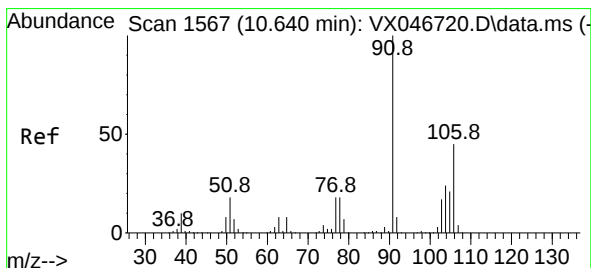
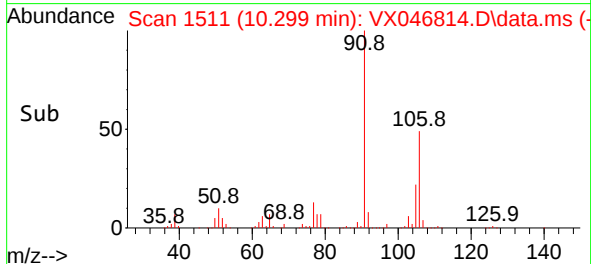
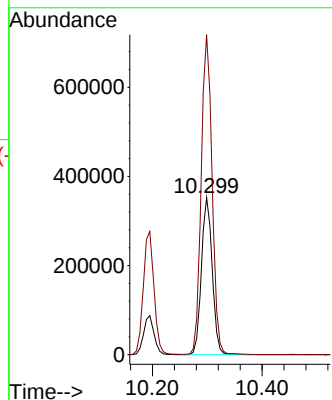
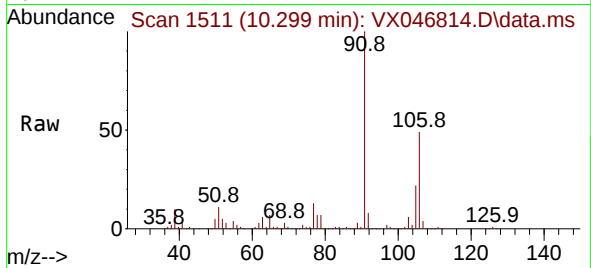




#68
m/p-Xylenes
Concen: 204.870 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

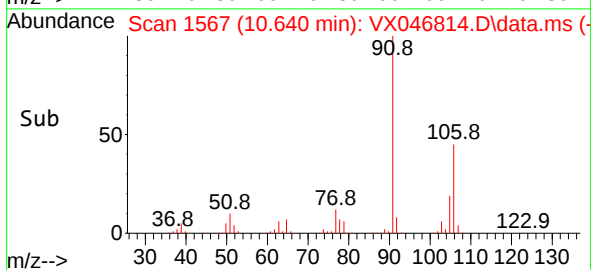
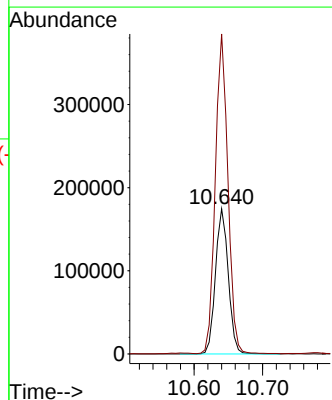
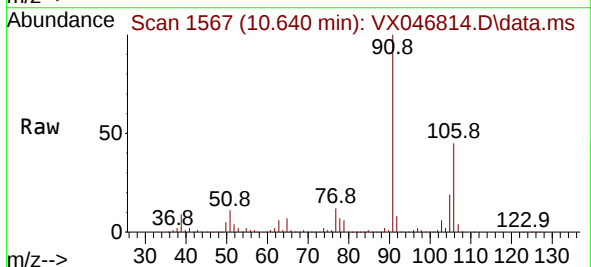
Instrument :
MSVOA_X
ClientSampleId :
3321

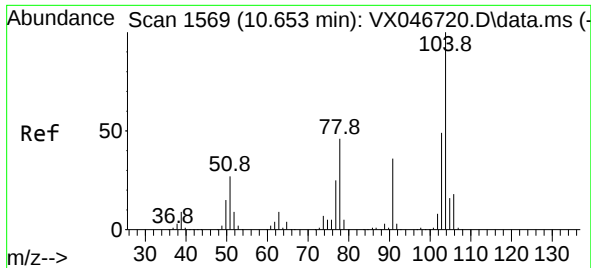
Tgt Ion:106 Resp: 481240
Ion Ratio Lower Upper
106 100
91 206.2 164.8 247.2



#69
o-Xylene
Concen: 102.667 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion:106 Resp: 226013
Ion Ratio Lower Upper
106 100
91 216.5 111.3 333.9

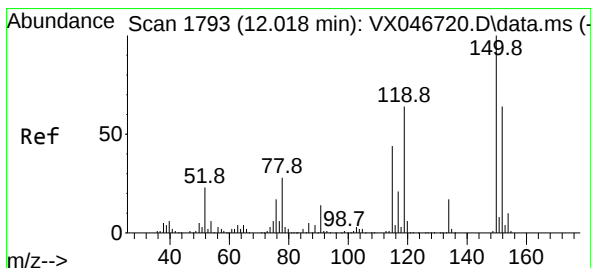
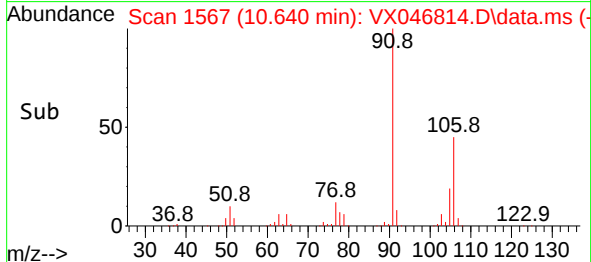
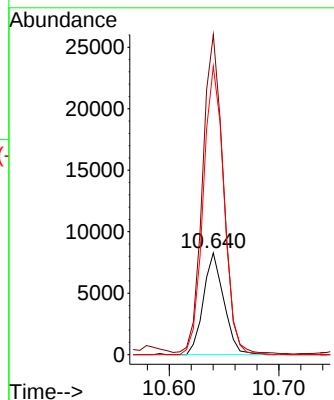
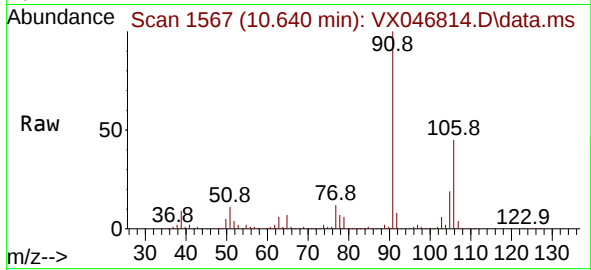




#70
Styrene
Concen: 2.781 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

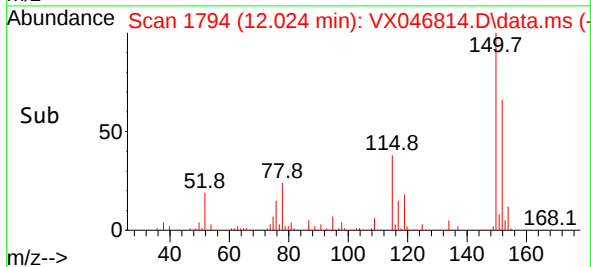
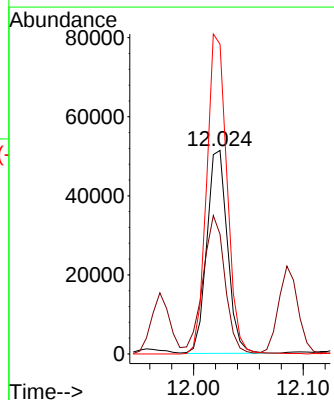
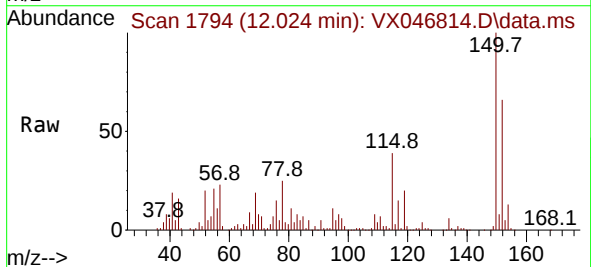
Instrument :
MSVOA_X
ClientSampleId :
3321

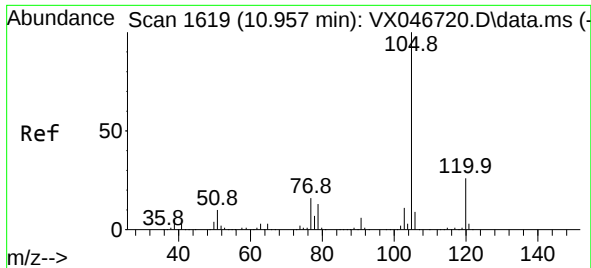
Tgt Ion:104 Resp: 10714
Ion Ratio Lower Upper
104 100
78 322.6 41.4 62.2#
103 288.3 43.1 64.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion:152 Resp: 67123
Ion Ratio Lower Upper
152 100
115 72.3 43.2 129.6
150 155.3 0.0 346.8

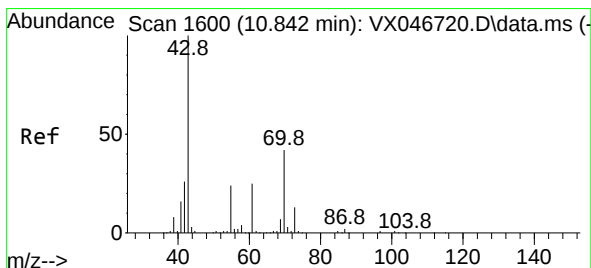
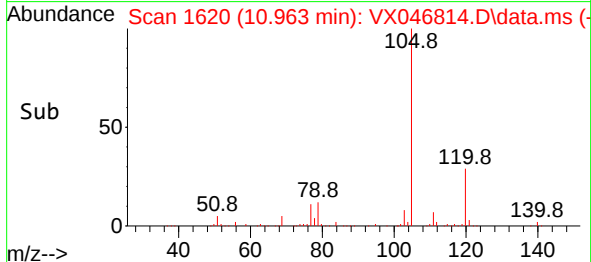
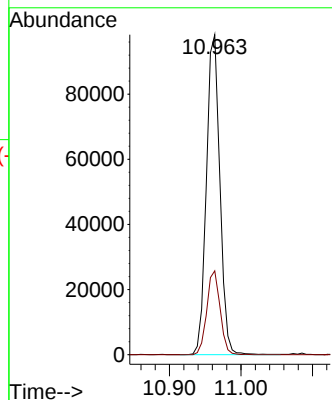
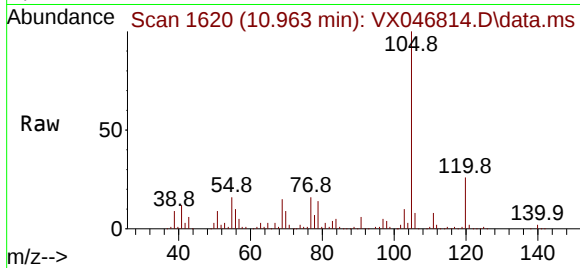




#73
Isopropylbenzene
Concen: 25.997 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

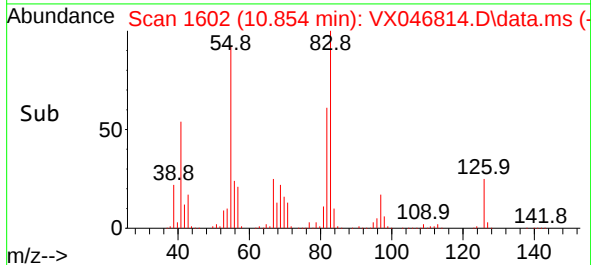
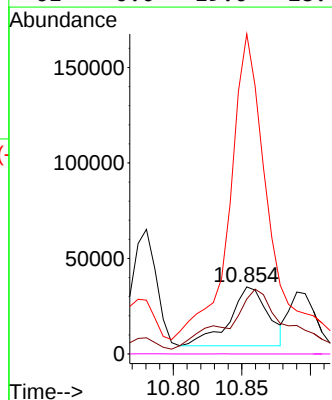
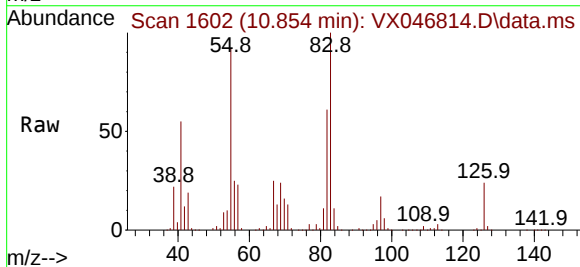
Instrument :
MSVOA_X
ClientSampleId :
3321

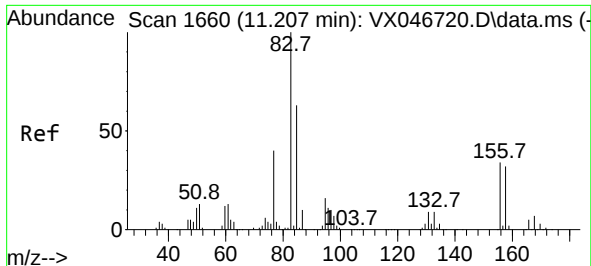
Tgt Ion:105 Resp: 128516
Ion Ratio Lower Upper
105 100
120 25.9 13.0 39.0



#74
N-ethyl acetate
Concen: 32.543 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion: 43 Resp: 60954
Ion Ratio Lower Upper
43 100
70 149.8 33.4 50.0#
55 502.1 19.1 28.7#
61 0.0 19.0 28.4#

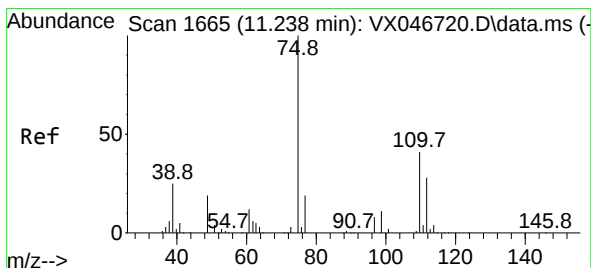
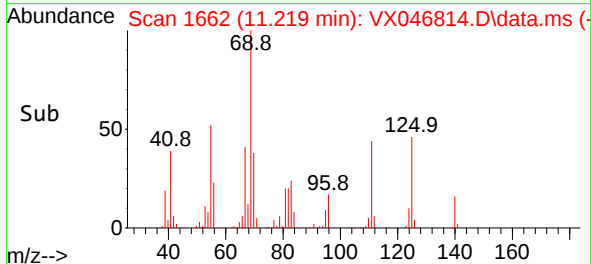
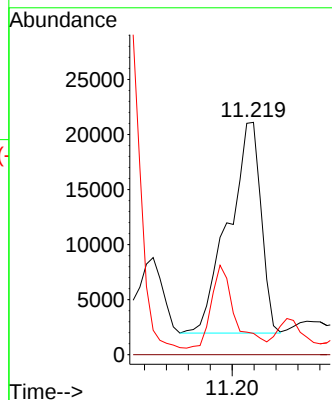
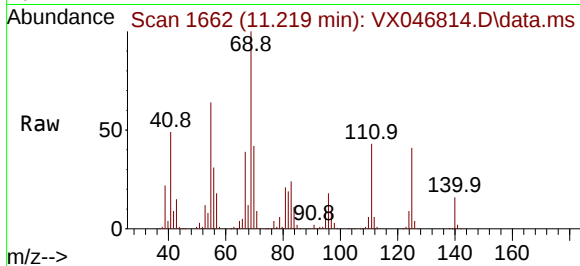




#75
1,1,2,2-Tetrachloroethane
Concen: 28.517 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. 0.012 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

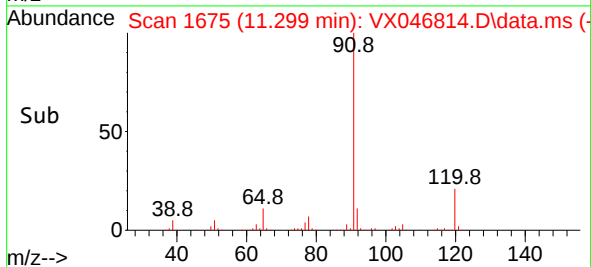
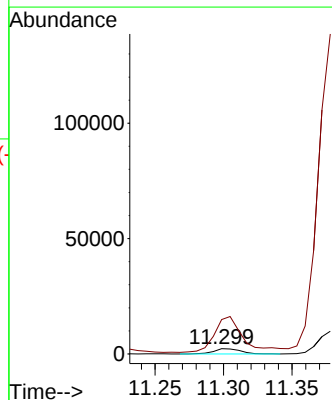
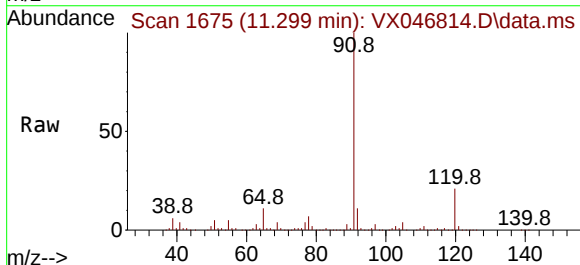
Instrument :
MSVOA_X
ClientSampleId :
3321

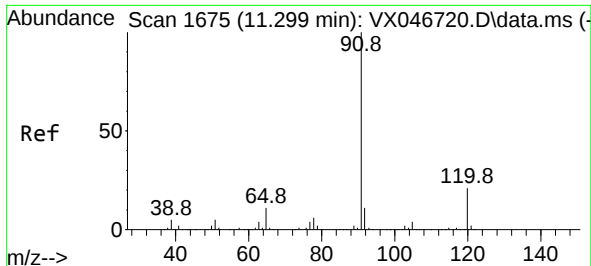
Tgt Ion: 83 Resp: 39364
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.6#
85 0.0 32.0 96.0#



#76
1,2,3-Trichloropropane
Concen: 2.503 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.061 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion: 75 Resp: 3077
Ion Ratio Lower Upper
75 100
77 737.8 18.5 55.5#

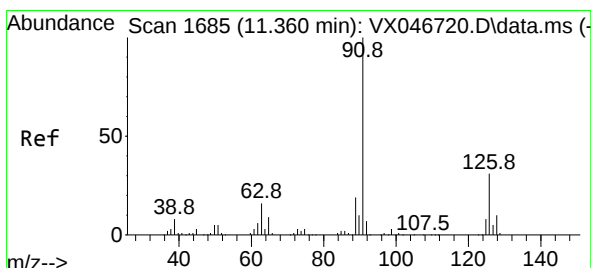
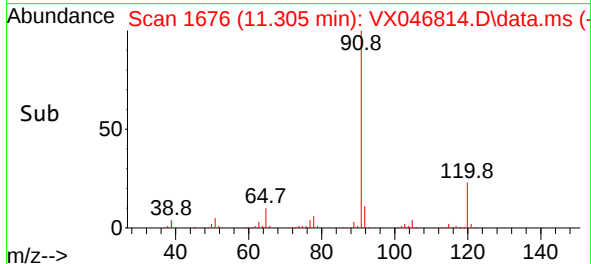
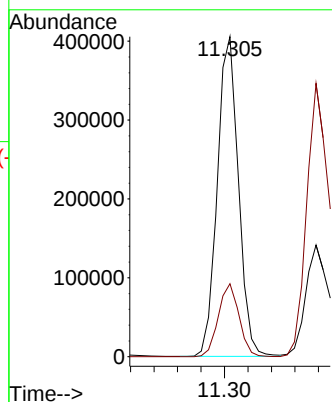
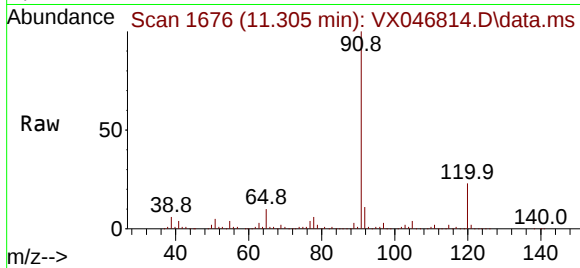




#78
n-propylbenzene
Concen: 86.409 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

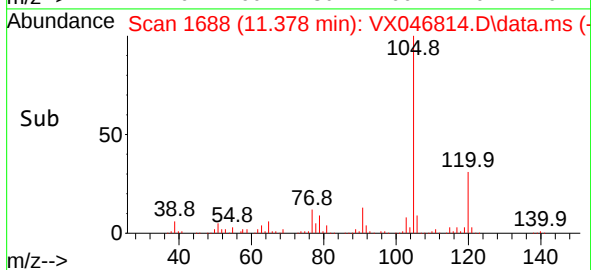
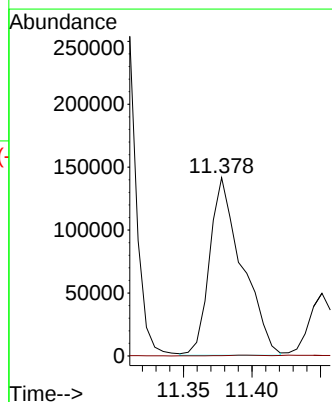
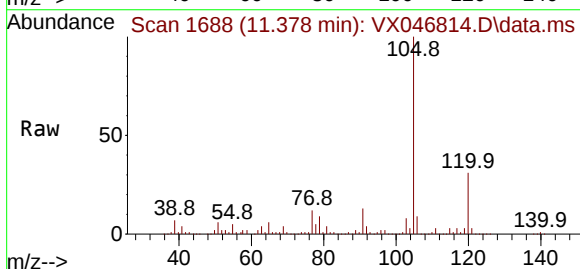
Instrument :
MSVOA_X
ClientSampleId :
3321

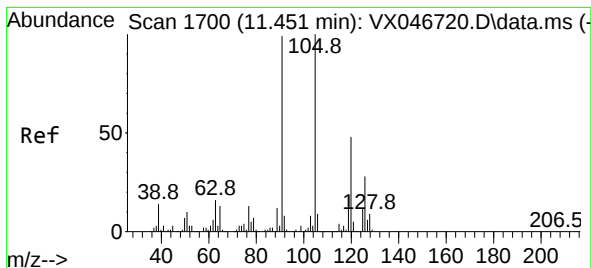
Tgt Ion: 91 Resp: 507376
Ion Ratio Lower Upper
91 100
120 22.3 11.4 34.1



#79
2-Chlorotoluene
Concen: 66.530 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.018 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion: 91 Resp: 233240
Ion Ratio Lower Upper
91 100
126 0.4 16.6 49.7#





#80

1,3,5-Trimethylbenzene

Concen: 138.638 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046814.D

Acq: 23 Jun 2025 13:03

Instrument :

MSVOA_X

ClientSampleId :

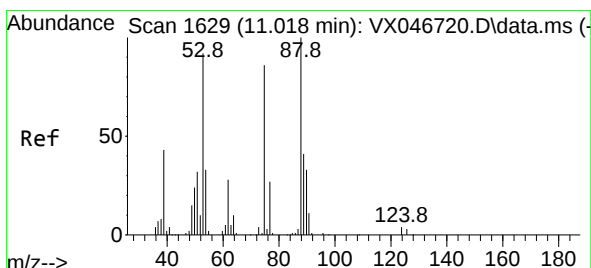
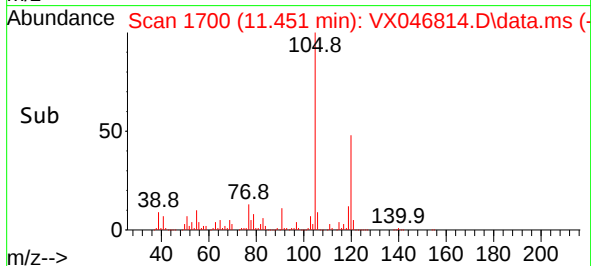
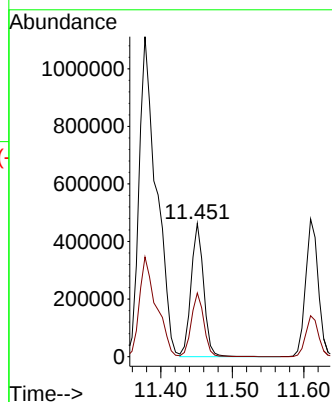
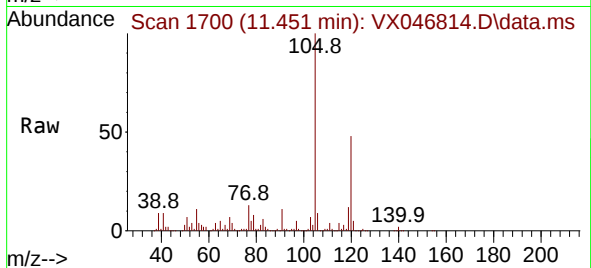
3321

Tgt Ion:105 Resp: 563211

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.2



#81

trans-1,4-Dichloro-2-butene

Concen: 84.641 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046814.D

Acq: 23 Jun 2025 13:03

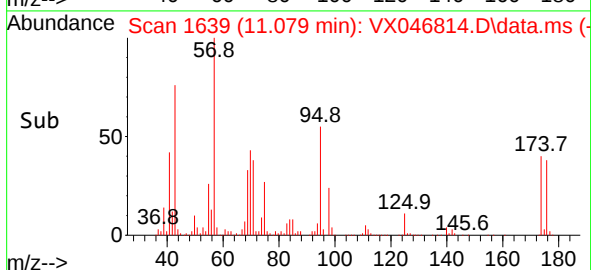
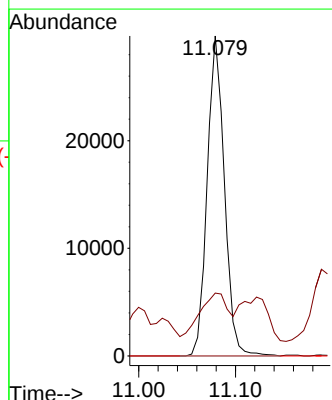
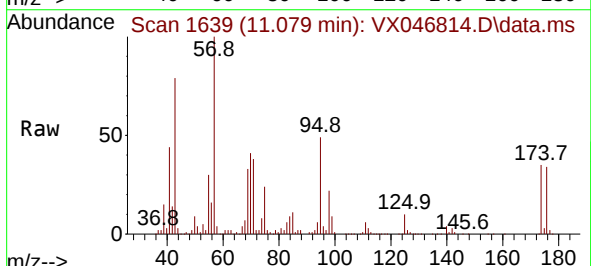
Tgt Ion: 75 Resp: 36813

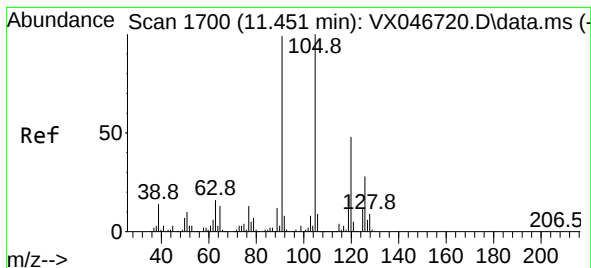
Ion Ratio Lower Upper

75 100

53 25.1 86.8 130.2#

89 0.0 36.9 55.3#

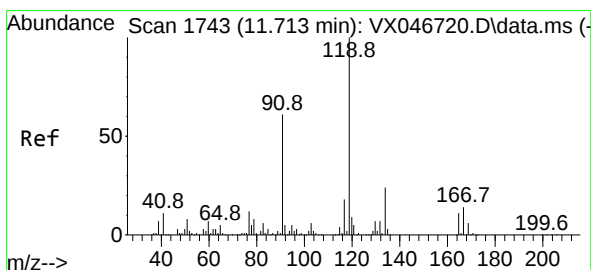
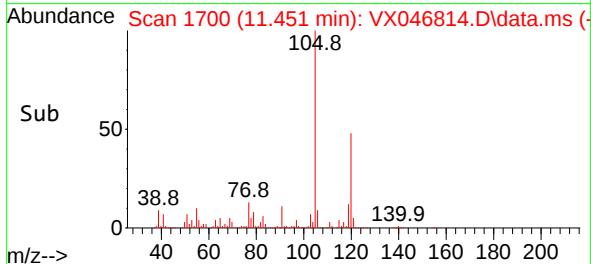
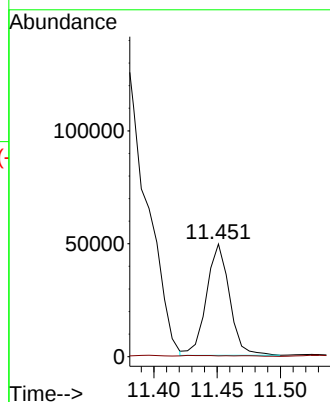
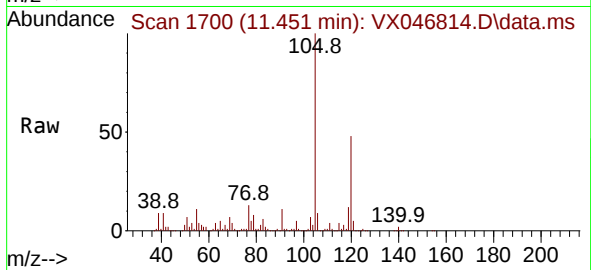




#82
4-Chlorotoluene
Concen: 15.271 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

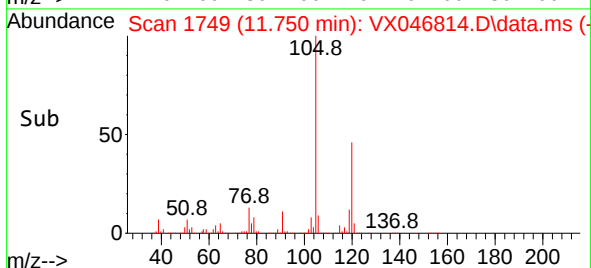
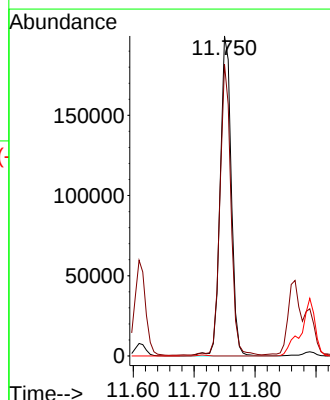
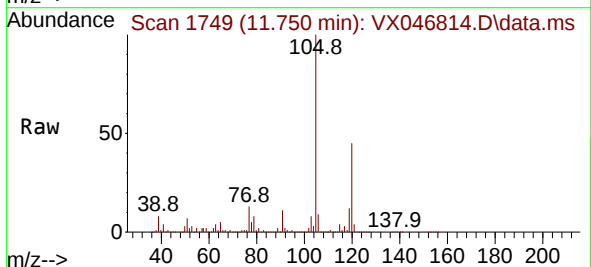
Instrument :
MSVOA_X
ClientSampleId :
3321

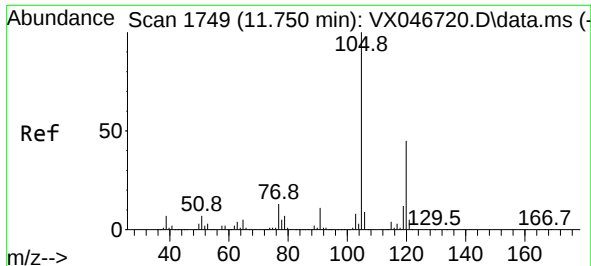
Tgt Ion: 91 Resp: 62481
Ion Ratio Lower Upper
91 100
126 0.0 14.4 43.2#



#83
tert-Butylbenzene
Concen: 60.087 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.036 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion: 119 Resp: 252321
Ion Ratio Lower Upper
119 100
91 89.4 29.5 88.6#
134 0.0 11.7 35.0#

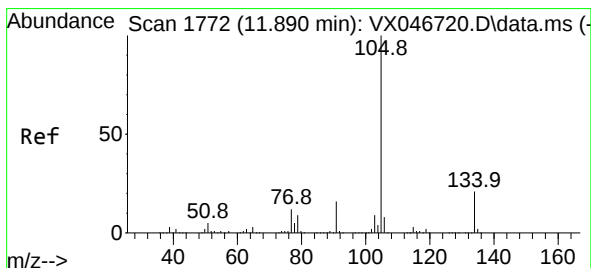
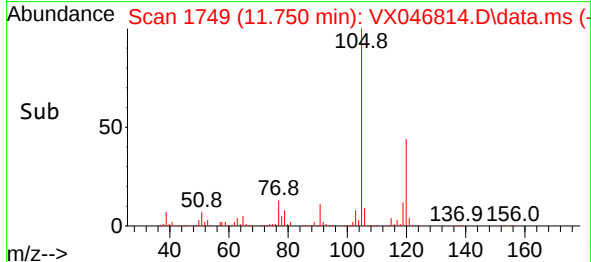
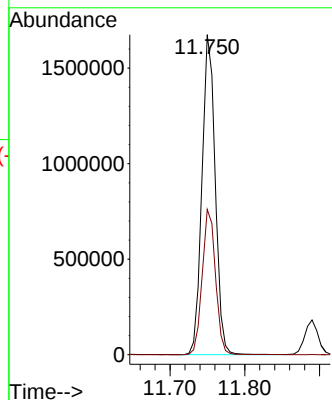
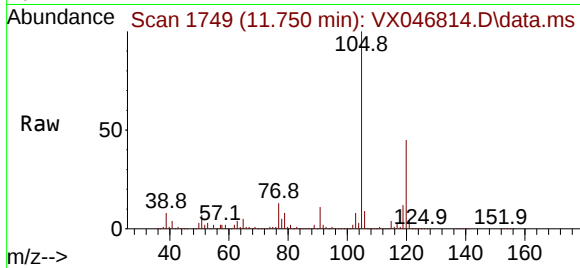




#84
1,2,4-Trimethylbenzene
Concen: 504.592 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

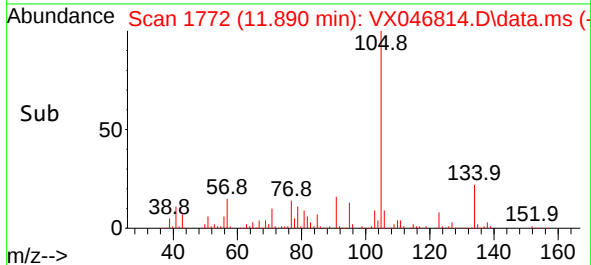
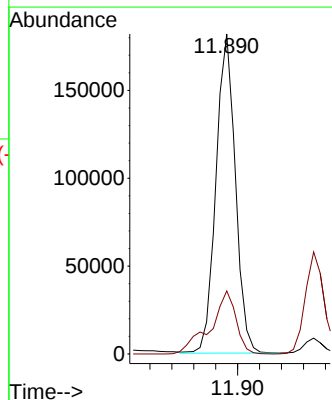
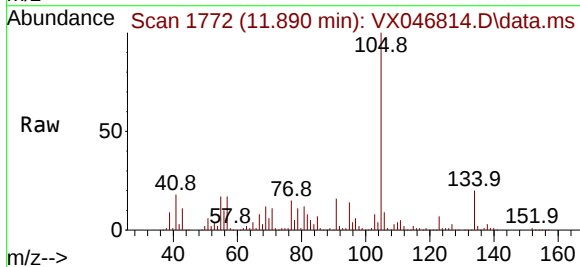
Instrument :
MSVOA_X
ClientSampleId :
3321

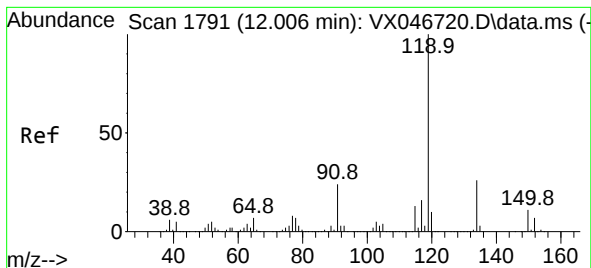
Tgt Ion:105 Resp: 2059528
Ion Ratio Lower Upper
105 100
120 45.7 22.1 66.3



#85
sec-Butylbenzene
Concen: 42.065 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion:105 Resp: 223244
Ion Ratio Lower Upper
105 100
134 26.0 9.8 29.4





#86

p-Isopropyltoluene

Concen: 28.327 ug/l

RT: 12.006 min Scan# 119

Delta R.T. -0.000 min

Lab File: VX046814.D

Acq: 23 Jun 2025 13:03

Instrument :

MSVOA_X

ClientSampleId :

3321

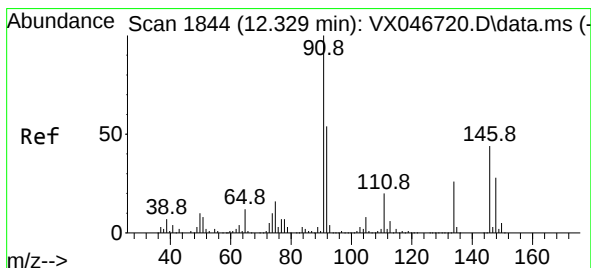
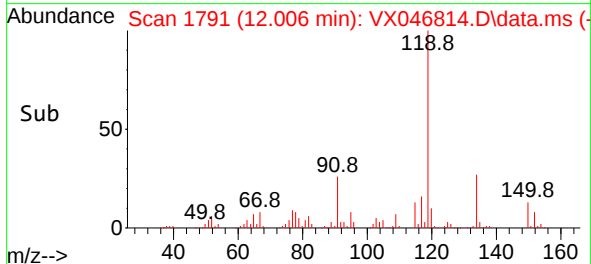
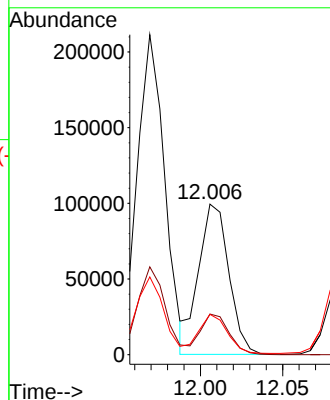
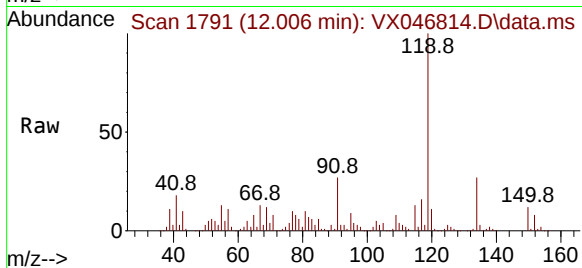
Tgt Ion:119 Resp: 126842

Ion Ratio Lower Upper

119 100

134 25.0 12.9 38.7

91 24.6 12.3 36.9



#89

n-Butylbenzene

Concen: 113.957 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046814.D

Acq: 23 Jun 2025 13:03

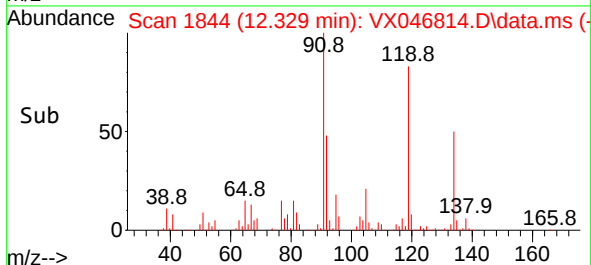
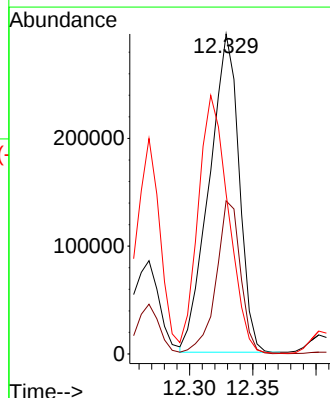
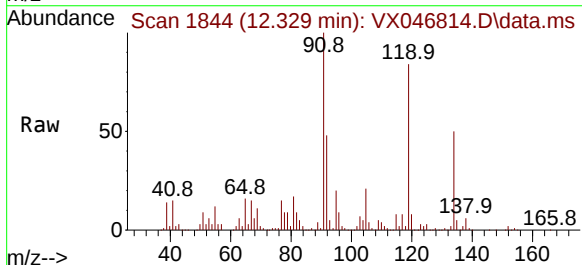
Tgt Ion: 91 Resp: 484500

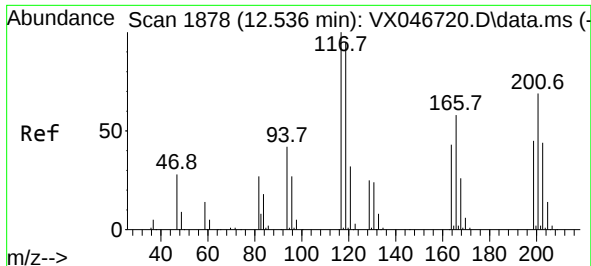
Ion Ratio Lower Upper

91 100

92 39.2 27.1 81.3

134 81.7 12.9 38.6#

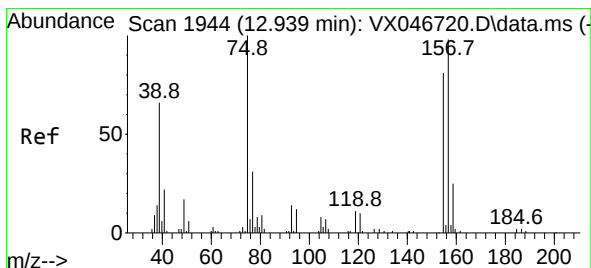
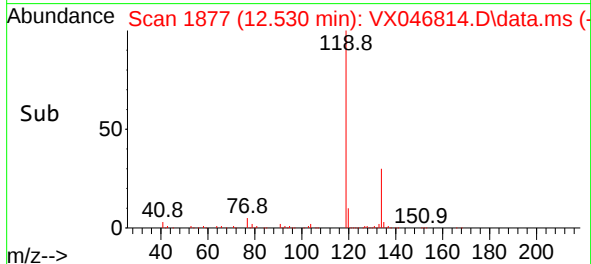
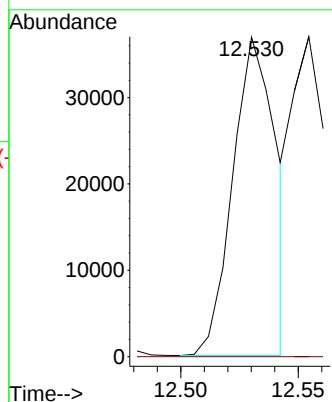
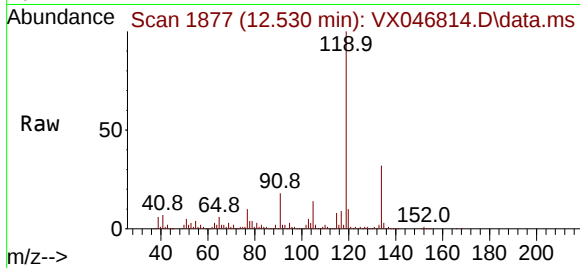




#90
Hexachloroethane
Concen: 59.828 ug/l
RT: 12.530 min Scan# 117
Delta R.T. -0.006 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

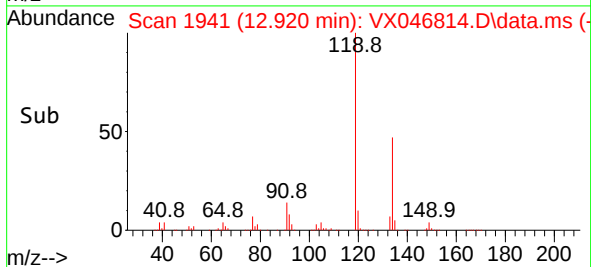
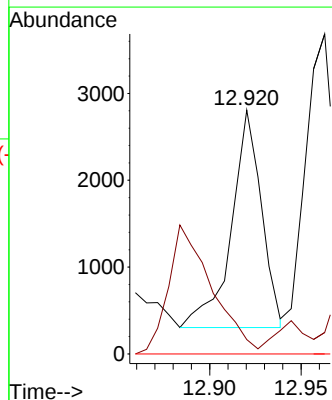
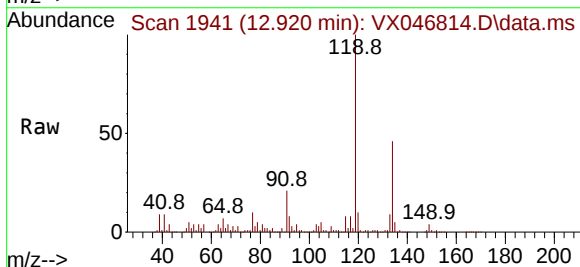
Instrument :
MSVOA_X
ClientSampleId :
3321

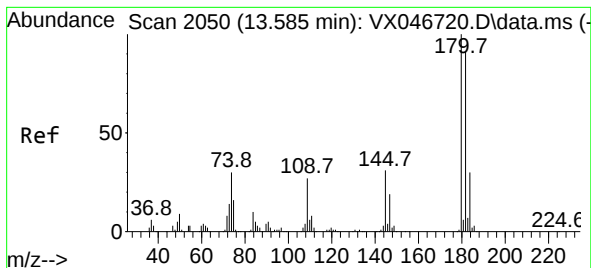
Tgt Ion:117 Resp: 46913
Ion Ratio Lower Upper
117 100
201 0.0 34.4 103.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.531 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.019 min
Lab File: VX046814.D
Acq: 23 Jun 2025 13:03

Tgt Ion: 75 Resp: 2870
Ion Ratio Lower Upper
75 100
155 0.0 41.9 125.7#
157 0.0 51.4 154.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.322 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX046814.D

Acq: 23 Jun 2025 13:03

Instrument :

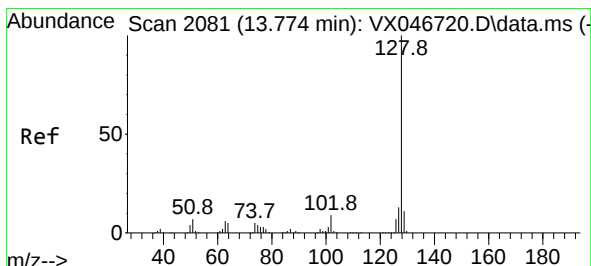
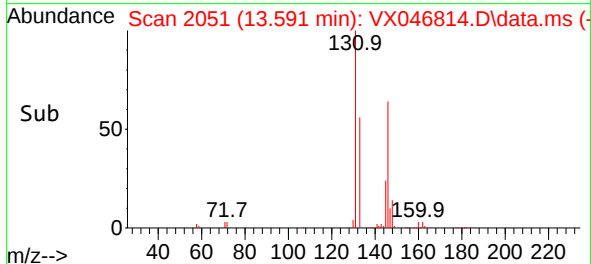
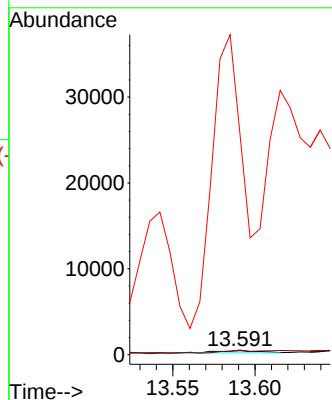
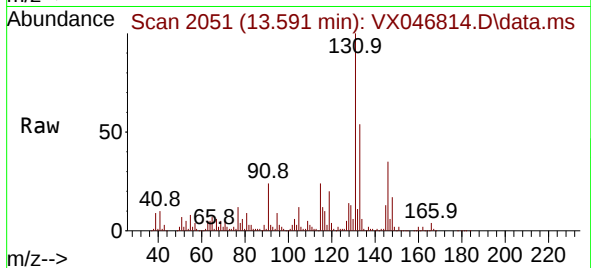
MSVOA_X

ClientSampleId :

3321

Tgt Ion:180 Resp: 496

Ion	Ratio	Lower	Upper
180	100		
182	151.8	46.7	140.1#
145	8903.8	15.8	47.4#



#95

Naphthalene

Concen: 34.487 ug/l

RT: 13.774 min Scan# 2081

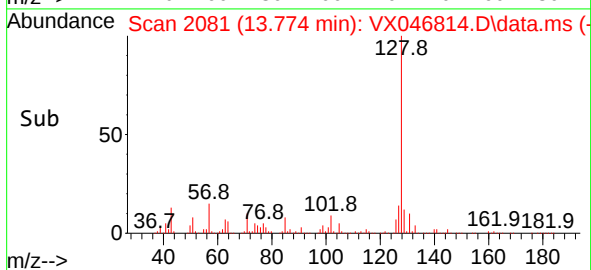
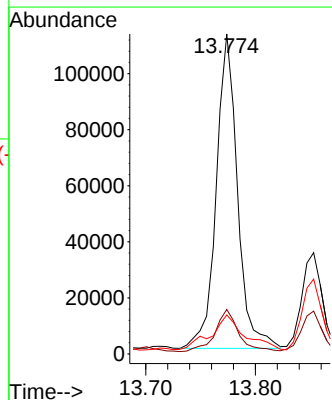
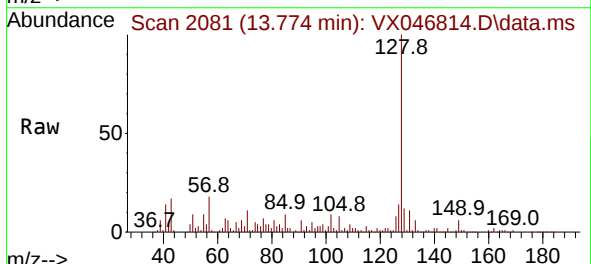
Delta R.T. -0.000 min

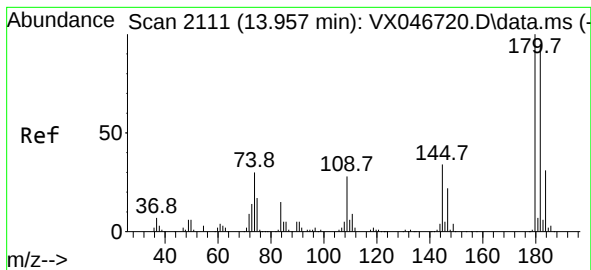
Lab File: VX046814.D

Acq: 23 Jun 2025 13:03

Tgt Ion:128 Resp: 151415

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.1	15.1
129	17.2	8.7	13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.069 ug/l
 RT: 13.975 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VX046814.D
 Acq: 23 Jun 2025 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 3321

Tgt Ion:180 Resp: 3051
 Ion Ratio Lower Upper
 180 100
 182 12.2 47.8 143.4#
 145 1976.5 17.3 51.9#

