

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047354.D
 Acq On : 15 Aug 2025 11:26
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 04:21:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	195582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	374662	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	375797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	190177	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.964	65	148321	54.187	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.380%	
35) Dibromofluoromethane	5.397	113	126256	51.923	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.840%	
50) Toluene-d8	8.653	98	465705	53.584	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.160%	
62) 4-Bromofluorobenzene	11.079	95	195228	60.872	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 121.740%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	668	0.268	ug/l	98
3) Chloromethane	1.319	50	1177	0.525	ug/l #	82
4) Vinyl Chloride	1.392	62	582	0.207	ug/l #	51
5) Bromomethane	1.642	94	1799	1.582	ug/l	93
6) Chloroethane	1.691	64	472	0.274	ug/l #	44
10) Methyl Iodide	2.477	142	11532	2.786	ug/l	94
11) Tert butyl alcohol	2.953	59	499	2.096	ug/l #	72
13) Acrolein	2.258	56	1009	2.007	ug/l	98
14) Allyl chloride	2.691	41	886	0.207	ug/l #	56
15) Acrylonitrile	3.087	53	2112	1.835	ug/l #	84
16) Acetone	2.392	43	2711	2.635	ug/l #	77
17) Carbon Disulfide	2.532	76	12350	1.662	ug/l #	95
20) Methylene Chloride	2.813	84	652	0.239	ug/l #	83
21) trans-1,2-Dichloroethene	3.111	96	845	0.323	ug/l #	71
28) Bromochloromethane	4.934	49	569	0.286	ug/l #	90
29) Tetrahydrofuran	5.038	42	422	0.485	ug/l #	44
31) Cyclohexane	5.501	56	1284	0.291	ug/l #	75
38) Carbon Tetrachloride	5.562	117	20751	4.947	ug/l #	16
39) Methylcyclohexane	7.391	83	2607	0.544	ug/l	90
44) Trichloroethene	7.141	130	699	0.238	ug/l	97
46) Dibromomethane	7.598	93	584	0.279	ug/l	90
49) 1,4-Dioxane	7.696	88	1100	38.080	ug/l #	16
51) 4-Methyl-2-Pentanone	8.586	43	1357	0.412	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.257	63	142	8.428	ug/l	97
59) 2-Hexanone	9.464	43	1303	0.572	ug/l	82
64) Tetrachloroethene	9.281	164	914	0.336	ug/l #	68
65) Chlorobenzene	10.080	112	2087	0.234	ug/l	93
67) Ethyl Benzene	10.195	91	3244	0.211	ug/l	96
68) m/p-Xylenes	10.305	106	2287	0.399	ug/l	90
73) Isopropylbenzene	10.964	105	3482	0.234	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	100585	28.837	ug/l #	38
77) Bromobenzene	11.201	156	1034	0.285	ug/l	95
78) n-propylbenzene	11.305	91	6948	0.391	ug/l	97
79) 2-Chlorotoluene	11.366	91	3352	0.312	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	4641	0.379	ug/l	90
81) trans-1,4-Dichloro-2-b...	11.079	75	100585	113.497	ug/l #	7

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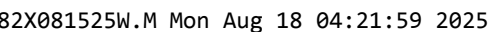
Instrument :
 MSVOA_X
 ClientSampleId :

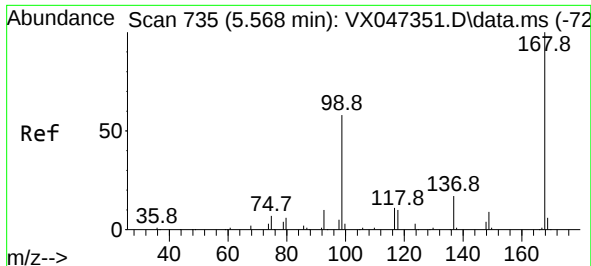
Quant Time: Aug 18 04:21:49 2025
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 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.463	91	5110	0.403	ug/l	94
83) tert-Butylbenzene	11.713	119	5235	0.429	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	4829	0.394	ug/l	90
85) sec-Butylbenzene	11.890	105	10431	0.689	ug/l	97
86) p-Isopropyltoluene	12.012	119	9612	0.750	ug/l	90
87) 1,3-Dichlorobenzene	11.969	146	3788	0.546	ug/l	90
88) 1,4-Dichlorobenzene	11.969	146	3788	0.530	ug/l	91
89) n-Butylbenzene	12.329	91	15739	1.321	ug/l	98
90) Hexachloroethane	12.536	117	1539	0.685	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	3014	0.457	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	645	0.763	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	8691	1.967	ug/l	97
94) Hexachlorobutadiene	13.719	225	18663	11.869	ug/l	98
95) Naphthalene	13.774	128	21492	1.702	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	9521	2.286	ug/l	98

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

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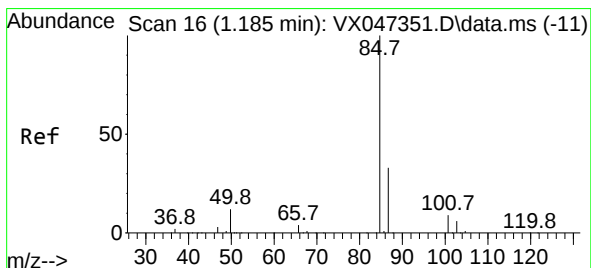
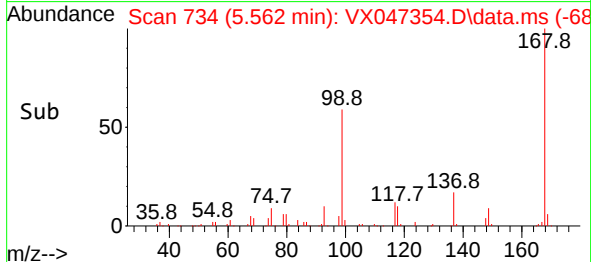
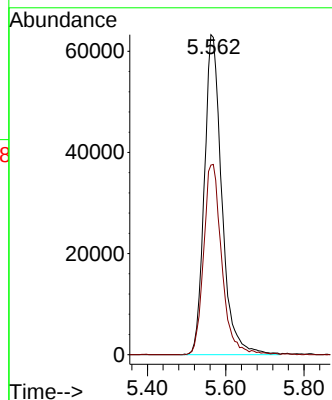
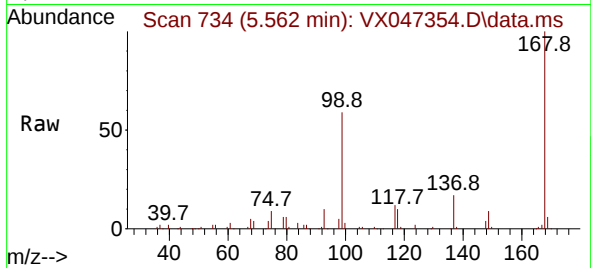




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
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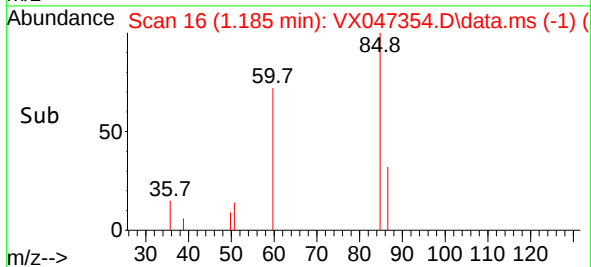
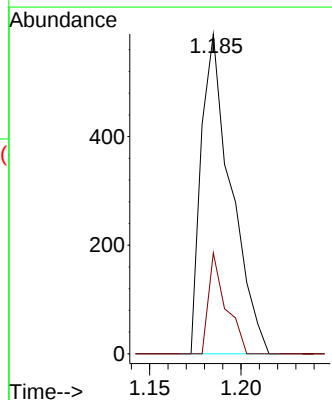
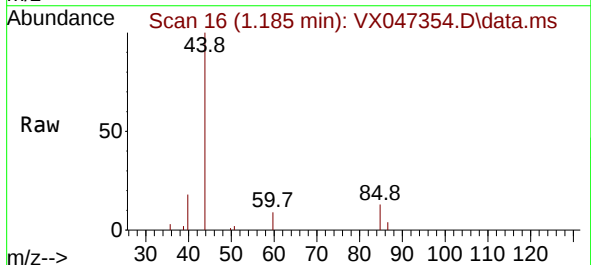
Instrument :
MSVOA_X
ClientSampleId :

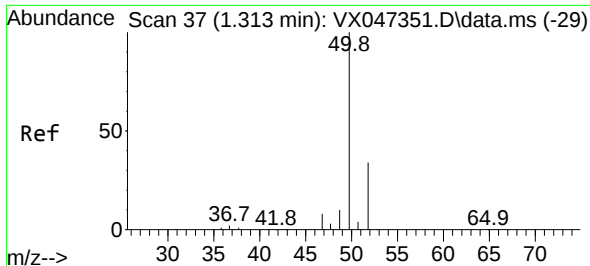
Tgt Ion:168 Resp: 195582
Ion Ratio Lower Upper
168 100
99 59.2 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 0.268 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Tgt Ion: 85 Resp: 668
Ion Ratio Lower Upper
85 100
87 31.6 16.4 49.1

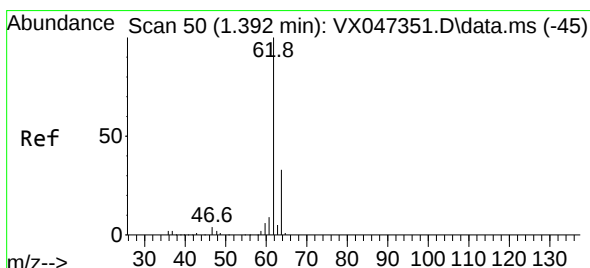
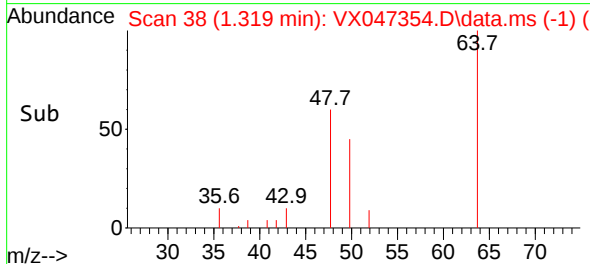
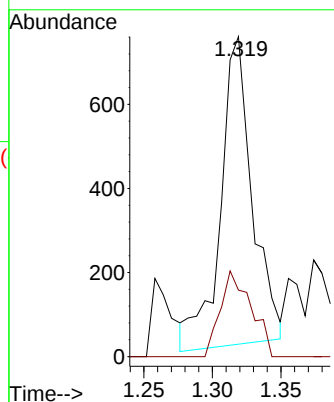
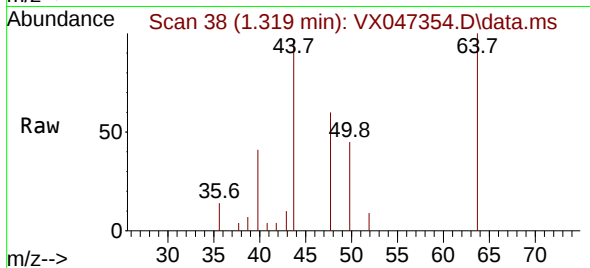




#3
Chloromethane
Concen: 0.525 ug/l
RT: 1.319 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

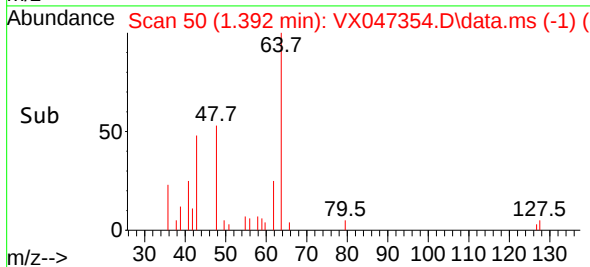
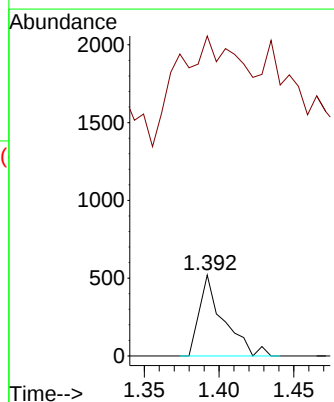
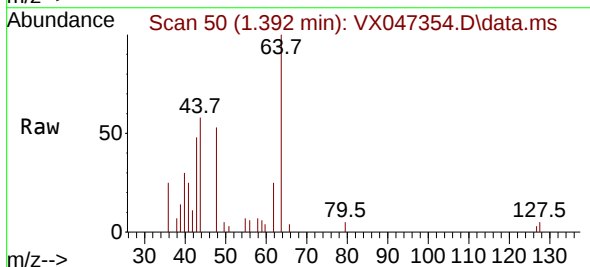
Instrument :
MSVOA_X
ClientSampleId :

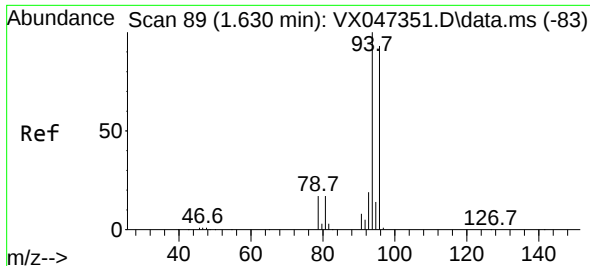
Tgt Ion: 50 Resp: 1177
Ion Ratio Lower Upper
50 100
52 23.2 27.0 40.4#



#4
Vinyl Chloride
Concen: 0.207 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

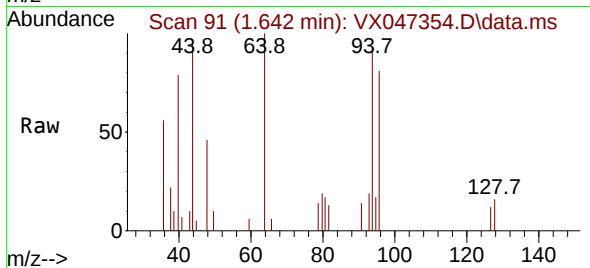
Tgt Ion: 62 Resp: 582
Ion Ratio Lower Upper
62 100
64 60.8 26.5 39.7#



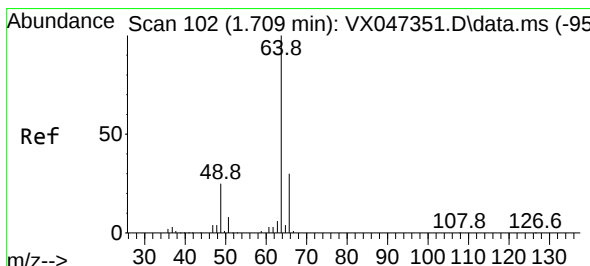
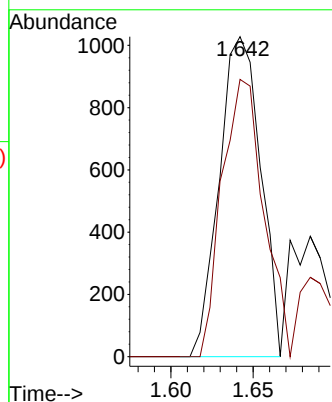
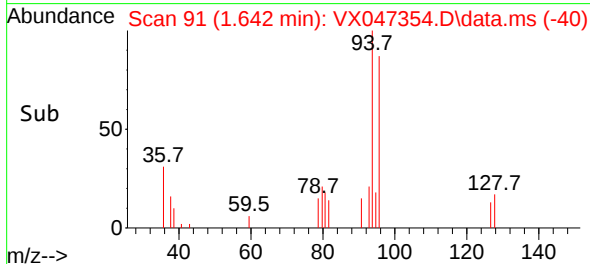


#5
Bromomethane
Concen: 1.582 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Instrument :
MSVOA_X
ClientSampleId :

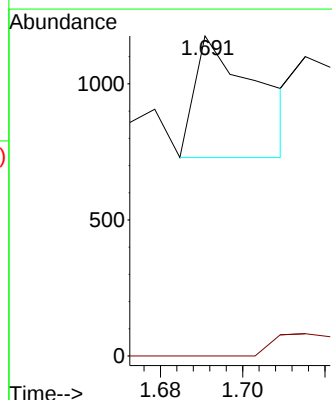
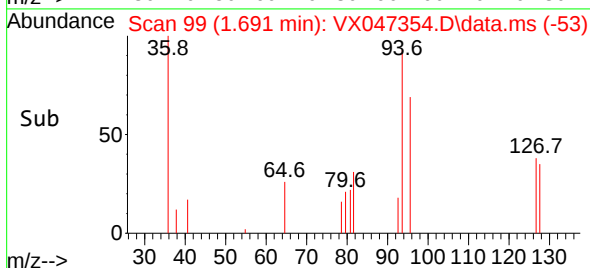
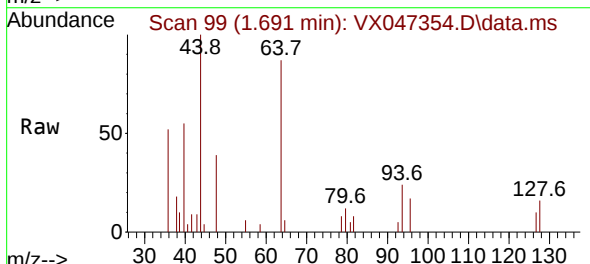


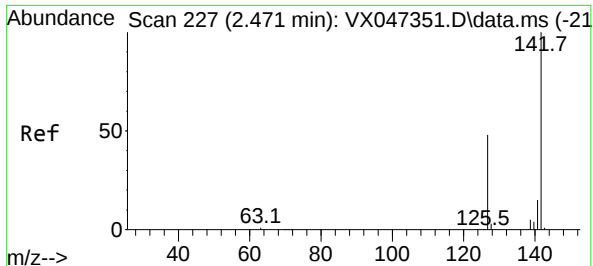
Tgt Ion: 94 Resp: 1799
Ion Ratio Lower Upper
94 100
96 86.7 74.7 112.1



#6
Chloroethane
Concen: 0.274 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.018 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

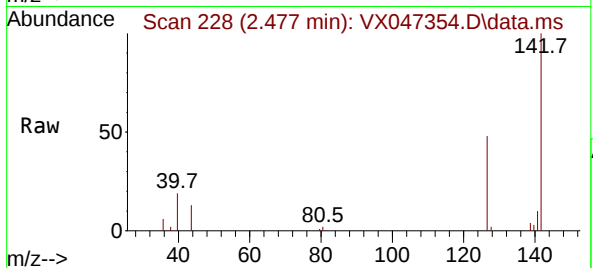
Tgt Ion: 64 Resp: 472
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



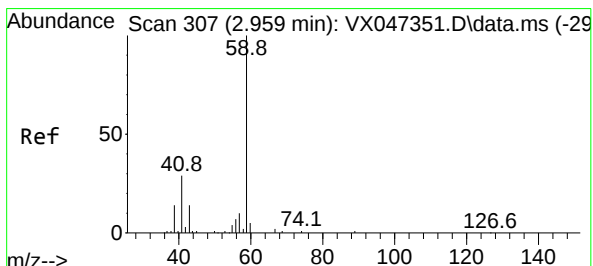
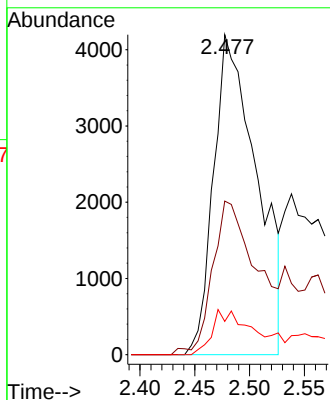
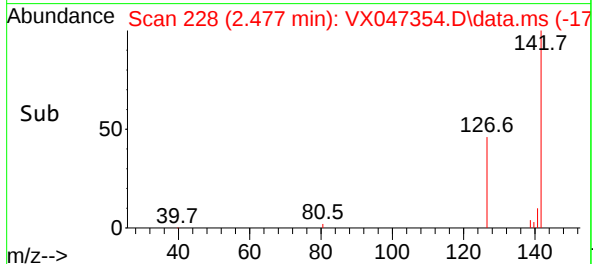


#10
Methyl Iodide
Concen: 2.786 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Instrument :
MSVOA_X
ClientSampleId :

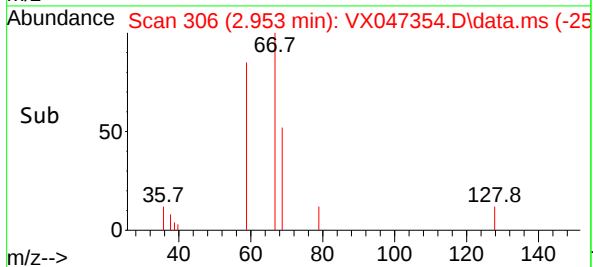
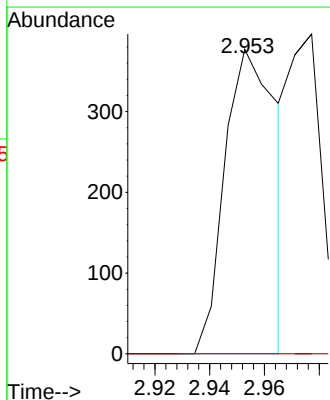
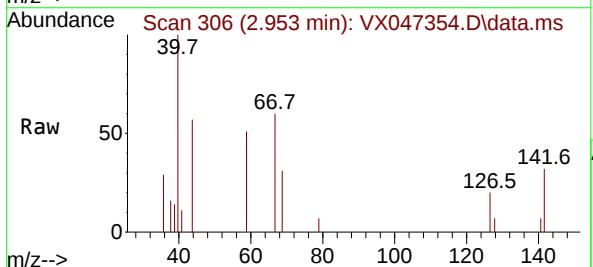


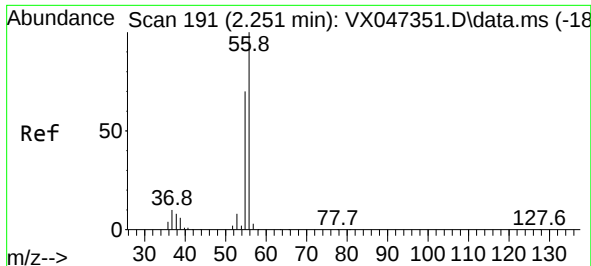
Tgt Ion:142 Resp: 11532
Ion Ratio Lower Upper
142 100
127 49.8 36.1 54.1
141 13.9 11.1 16.7



#11
Tert butyl alcohol
Concen: 2.096 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Tgt Ion: 59 Resp: 499
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 2.007 ug/l

RT: 2.258 min Scan# 191

Delta R.T. 0.006 min

Lab File: VX047354.D

Acq: 15 Aug 2025 11:26

Instrument :

MSVOA_X

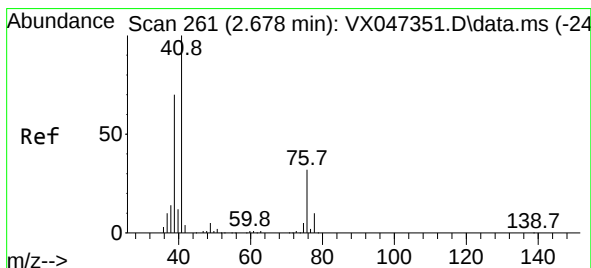
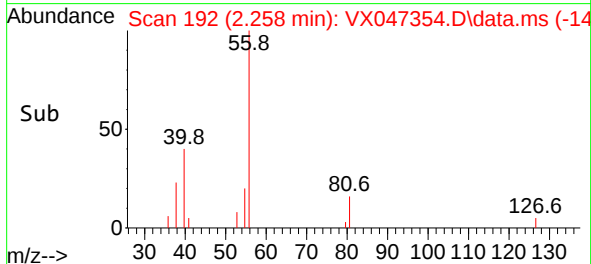
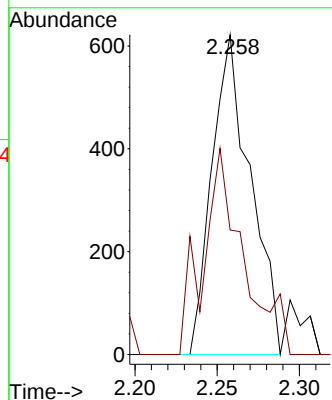
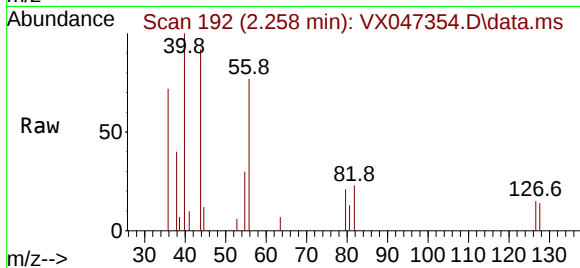
ClientSampleId :

Tgt Ion: 56 Resp: 1009

Ion Ratio Lower Upper

56 100

55 67.4 55.5 83.3



#14

Allyl chloride

Concen: 0.207 ug/l

RT: 2.691 min Scan# 263

Delta R.T. 0.012 min

Lab File: VX047354.D

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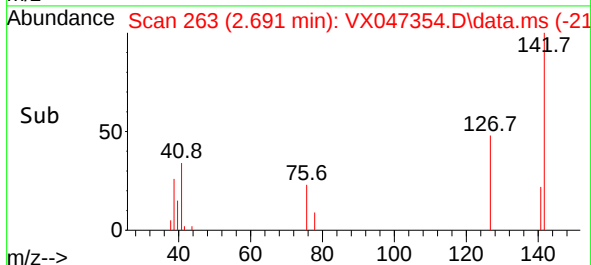
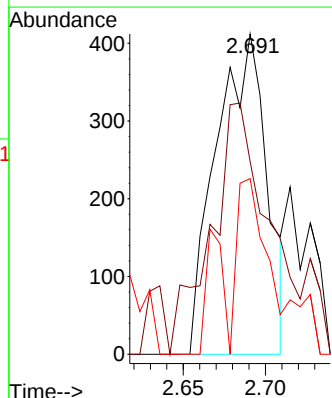
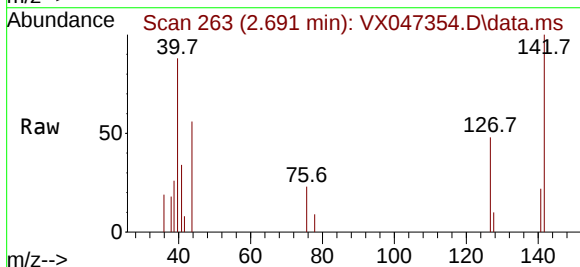
Tgt Ion: 41 Resp: 886

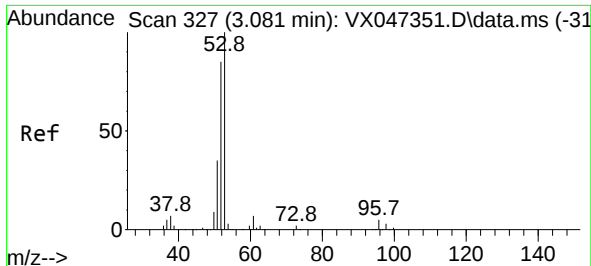
Ion Ratio Lower Upper

41 100

39 97.1 54.6 81.8#

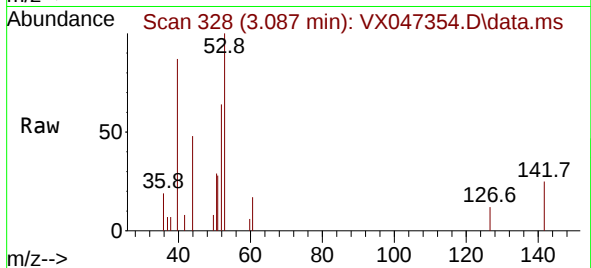
76 0.0 27.6 41.4#





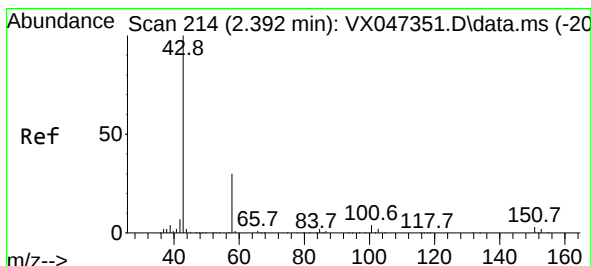
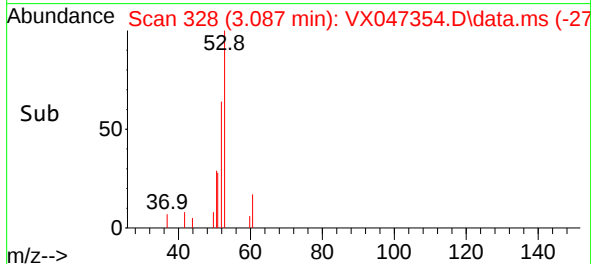
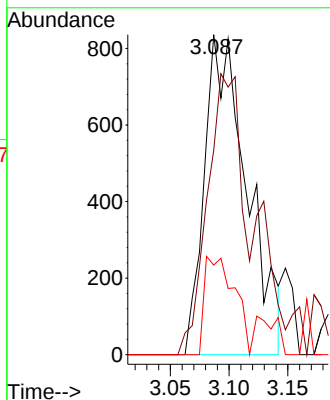
#15
Acrylonitrile
Concen: 1.835 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 53 Resp: 2112

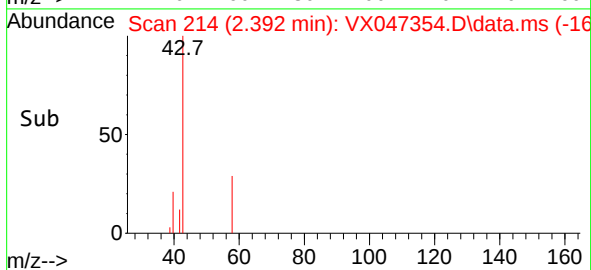
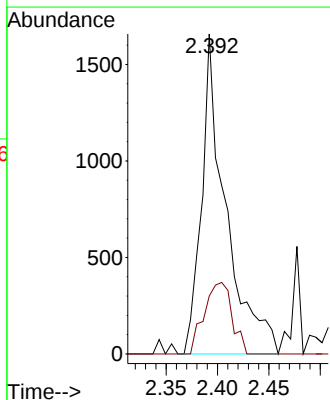
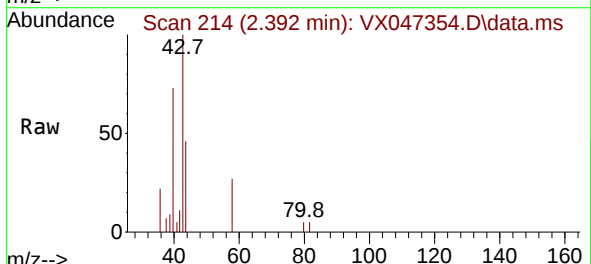
Ion	Ratio	Lower	Upper
53	100		
52	70.7	65.8	98.6
51	21.4	28.2	42.2#

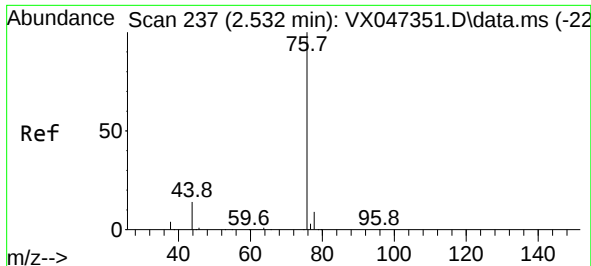


#16
Acetone
Concen: 2.635 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Tgt Ion: 43 Resp: 2711

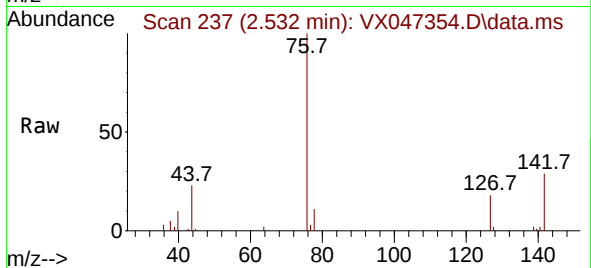
Ion	Ratio	Lower	Upper
43	100		
58	18.1	24.8	37.2#



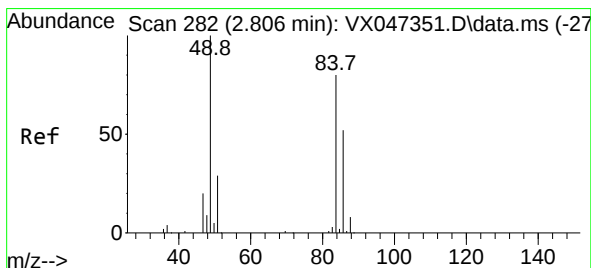
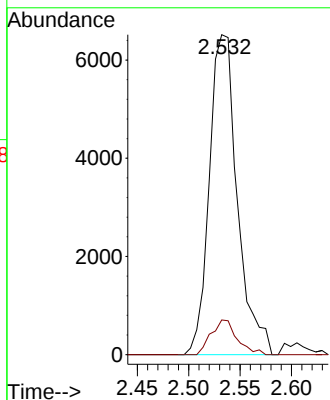
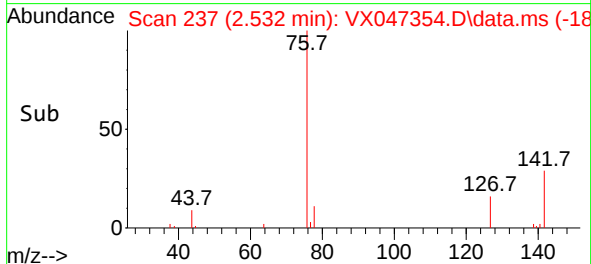


#17
Carbon Disulfide
Concen: 1.662 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

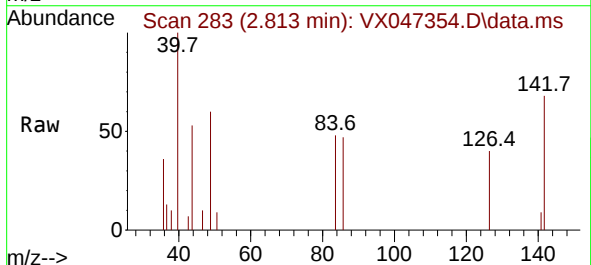
Instrument :
MSVOA_X
ClientSampleId :



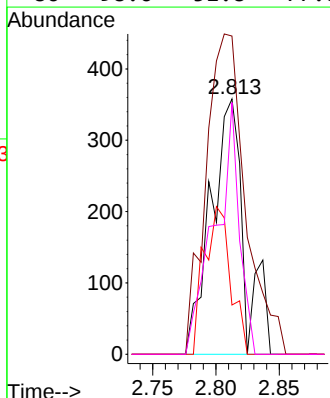
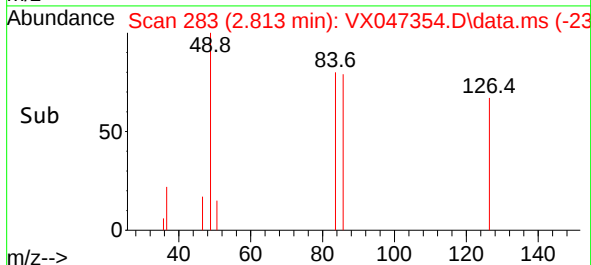
Tgt Ion: 76 Resp: 12350
Ion Ratio Lower Upper
76 100
78 10.8 7.2 10.8#

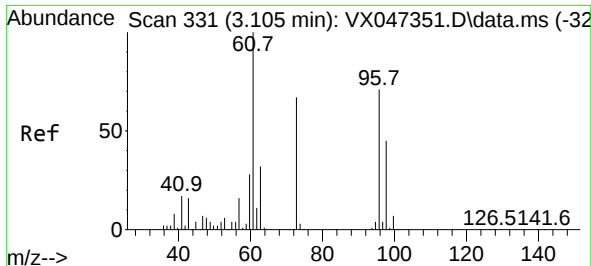


#20
Methylene Chloride
Concen: 0.239 ug/l
RT: 2.813 min Scan# 283
Delta R.T. 0.006 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26



Tgt Ion: 84 Resp: 652
Ion Ratio Lower Upper
84 100
49 124.6 100.1 150.1
51 19.3 29.5 44.3#
86 98.6 51.8 77.8#

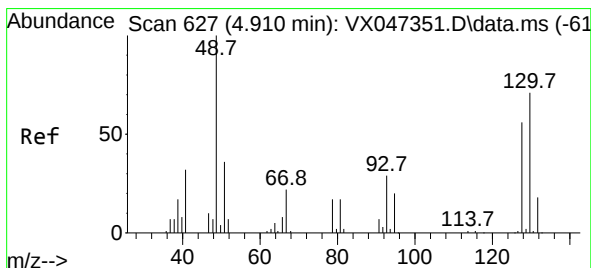
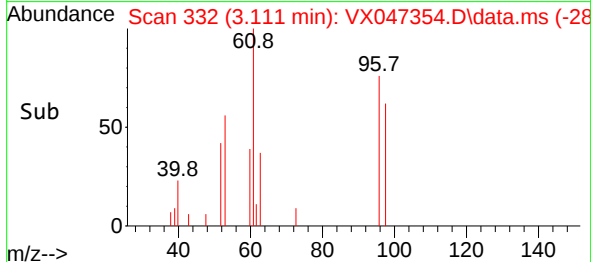
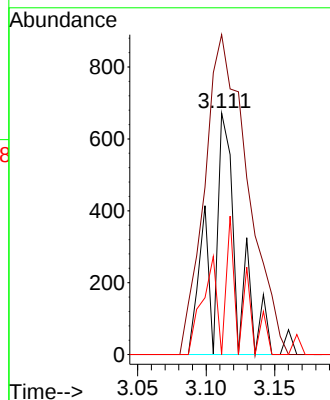
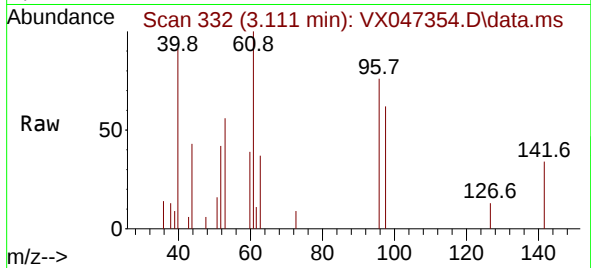




#21
trans-1,2-Dichloroethene
Concen: 0.323 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

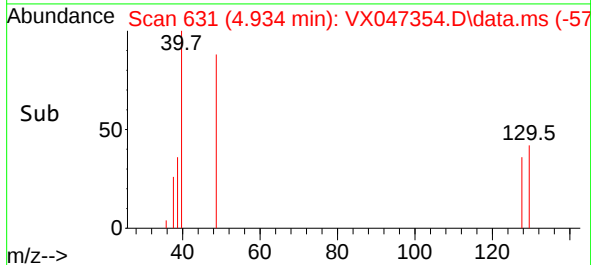
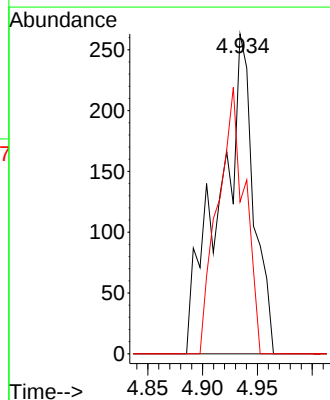
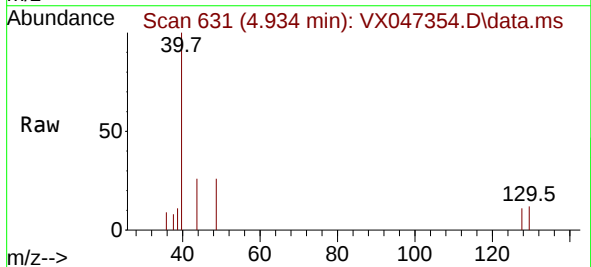
Instrument :
MSVOA_X
ClientSampleId :

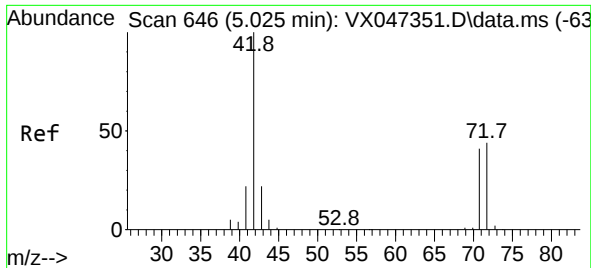
Tgt Ion: 96 Resp: 845
Ion Ratio Lower Upper
96 100
61 147.0 112.6 169.0
98 0.0 50.9 76.3#



#28
Bromochloromethane
Concen: 0.286 ug/l
RT: 4.934 min Scan# 631
Delta R.T. 0.025 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

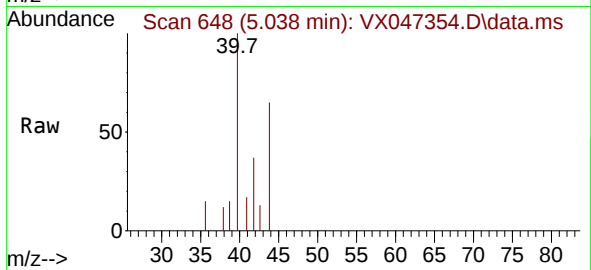
Tgt Ion: 49 Resp: 569
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 66.1 59.8 89.6



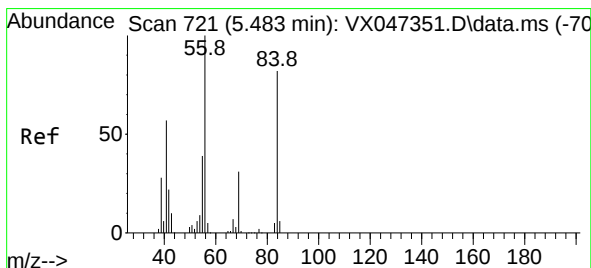
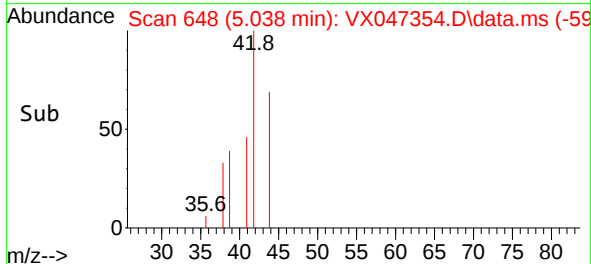
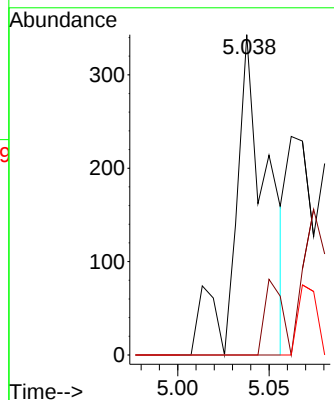


#29
Tetrahydrofuran
Concen: 0.485 ug/l
RT: 5.038 min Scan# 646
Delta R.T. 0.012 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Instrument :
MSVOA_X
ClientSampleId :

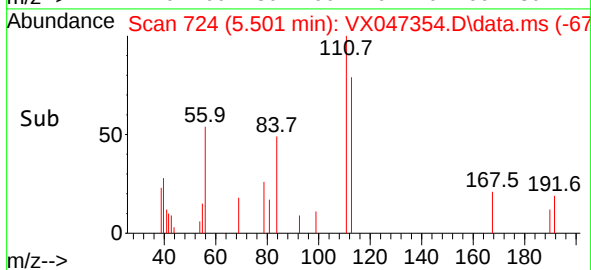
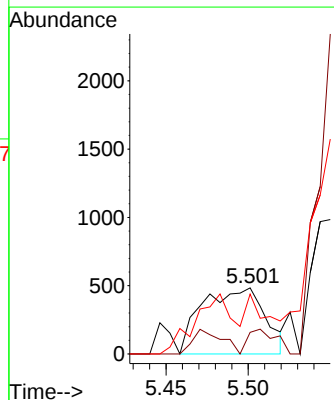
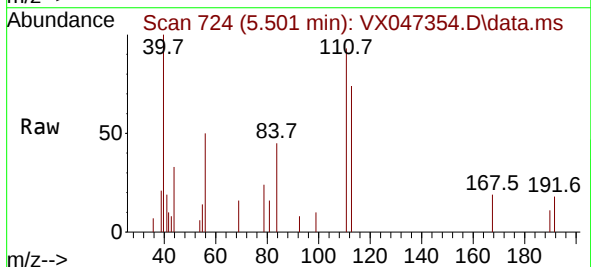


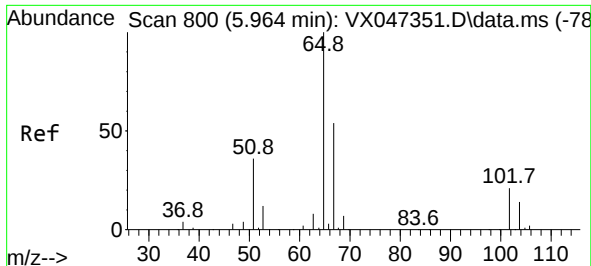
Tgt Ion: 42 Resp: 422
Ion Ratio Lower Upper
42 100
72 12.6 34.6 51.8#
71 0.0 32.6 49.0#



#31
Cyclohexane
Concen: 0.291 ug/l
RT: 5.501 min Scan# 724
Delta R.T. 0.019 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Tgt Ion: 56 Resp: 1284
Ion Ratio Lower Upper
56 100
69 32.6 24.3 36.5
84 52.1 65.3 97.9#





#33

1,2-Dichloroethane-d4

Concen: 54.187 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047354.D

Acq: 15 Aug 2025 11:26

Instrument :

MSVOA_X

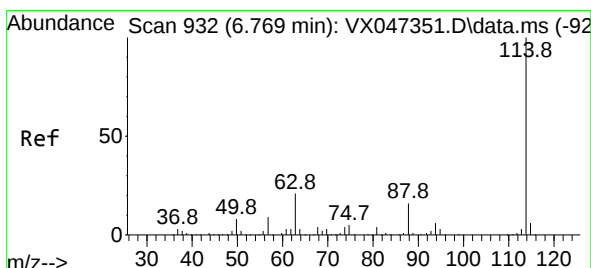
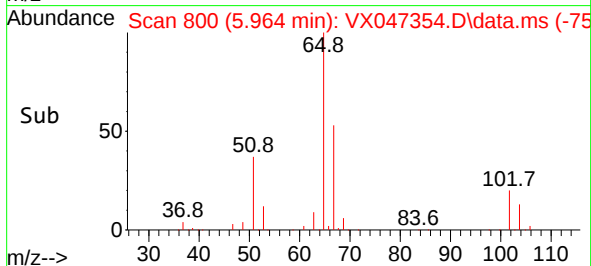
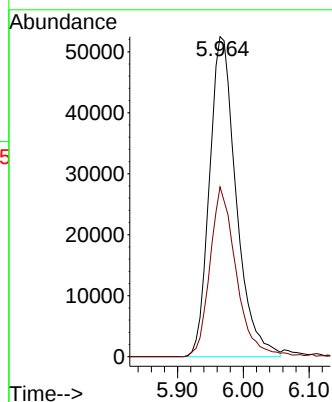
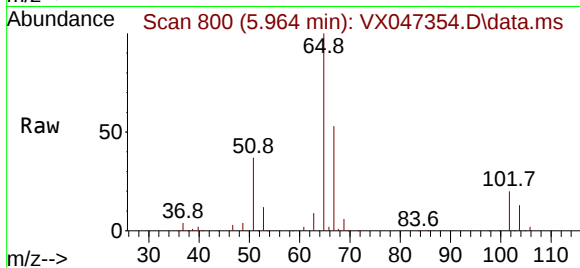
ClientSampleId :

Tgt Ion: 65 Resp: 148321

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047354.D

Acq: 15 Aug 2025 11:26

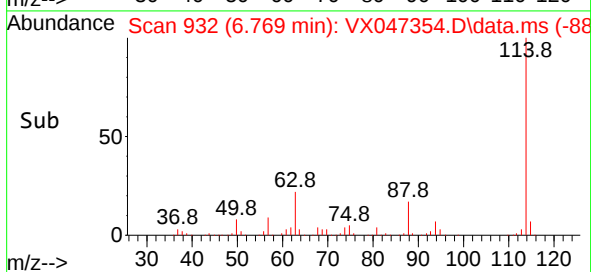
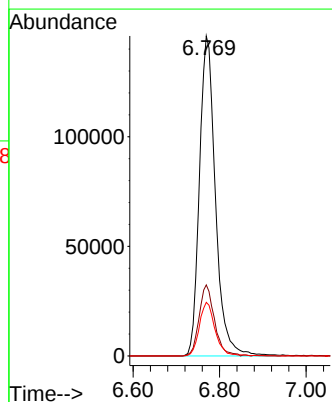
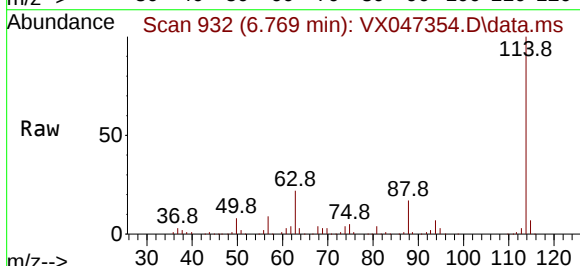
Tgt Ion: 114 Resp: 374662

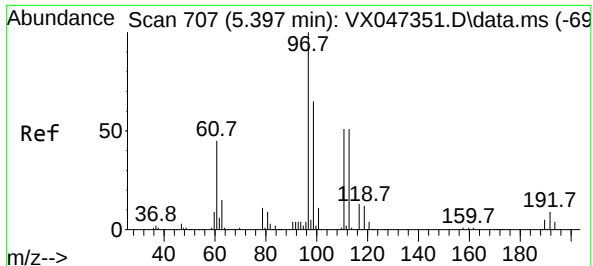
Ion Ratio Lower Upper

114 100

63 25.4 0.0 42.4

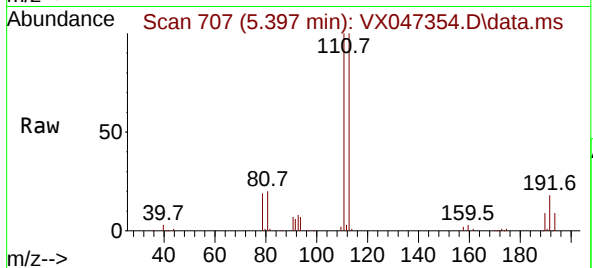
88 16.8 0.0 33.0



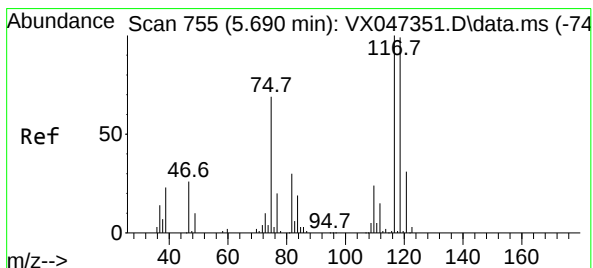
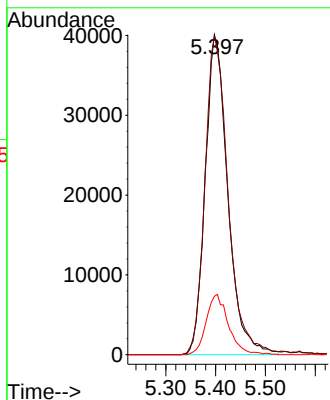
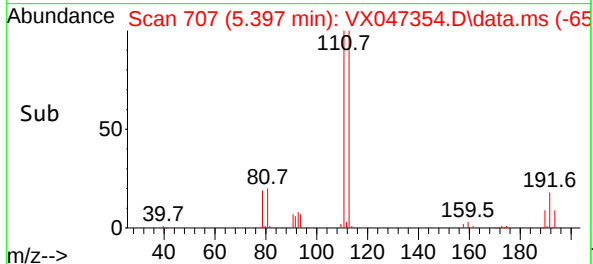


#35
Dibromofluoromethane
Concen: 51.923 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Instrument :
MSVOA_X
ClientSampleId :

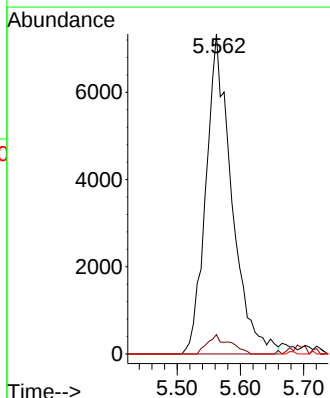
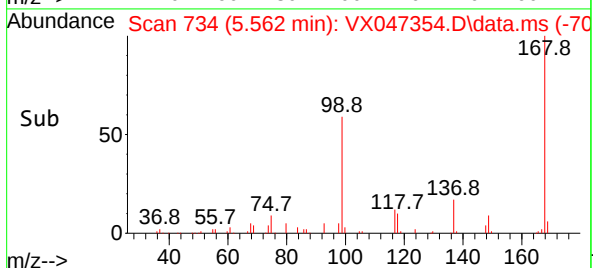
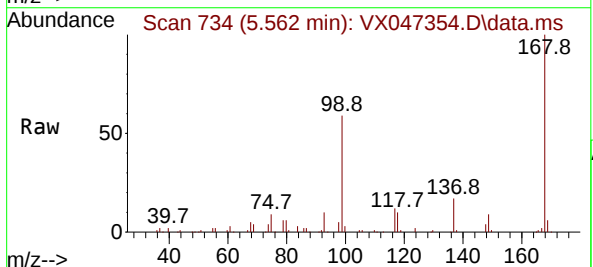


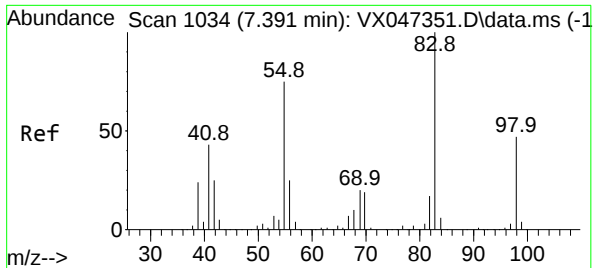
Tgt Ion:113 Resp: 126256
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.2
192 18.6 14.1 21.1



#38
Carbon Tetrachloride
Concen: 4.947 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Tgt Ion:117 Resp: 20751
Ion Ratio Lower Upper
117 100
119 6.1 78.5 117.7#
121 0.0 24.7 37.1#

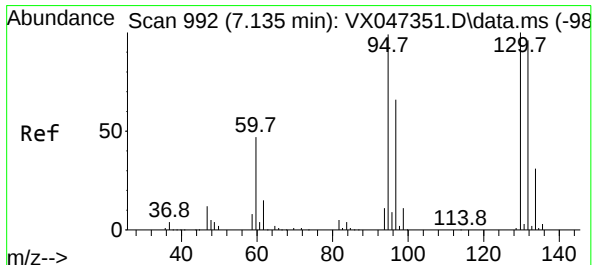
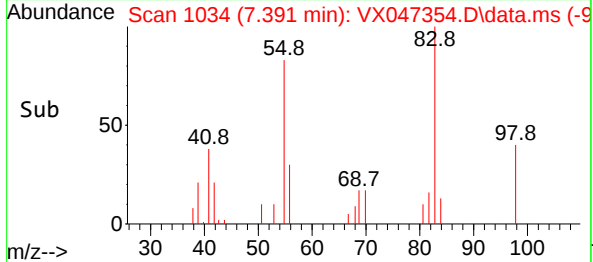
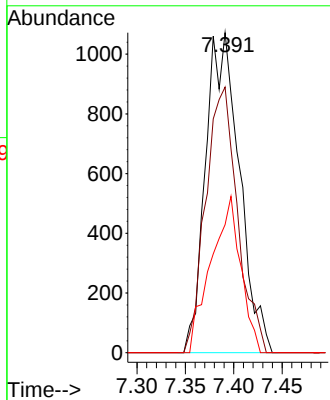
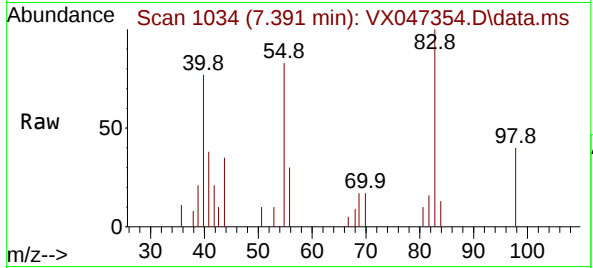




#39
Methylcyclohexane
Concen: 0.544 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

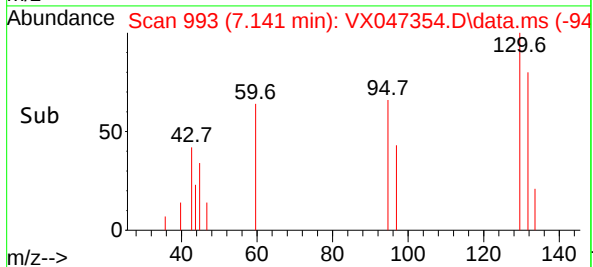
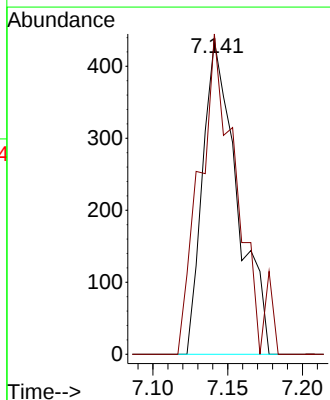
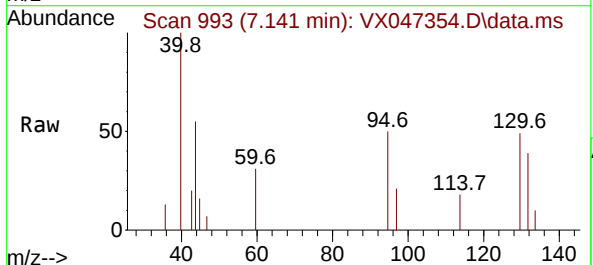
Instrument :
MSVOA_X
ClientSampleId :

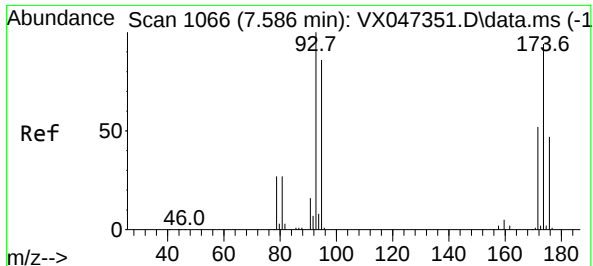
Tgt Ion: 83 Resp: 2607
Ion Ratio Lower Upper
83 100
55 83.0 60.0 90.0
98 40.0 37.2 55.8



#44
Trichloroethene
Concen: 0.238 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.006 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Tgt Ion:130 Resp: 699
Ion Ratio Lower Upper
130 100
95 102.1 0.0 198.6

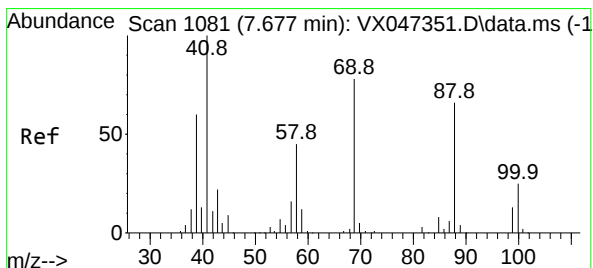
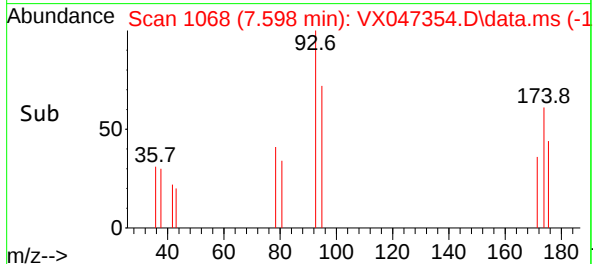
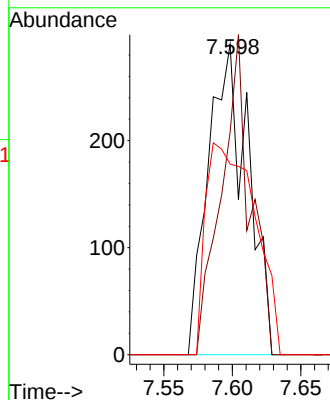
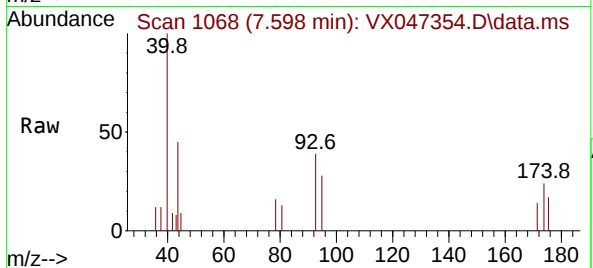




#46
Dibromomethane
Concen: 0.279 ug/l
RT: 7.598 min Scan# 1066
Delta R.T. 0.012 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

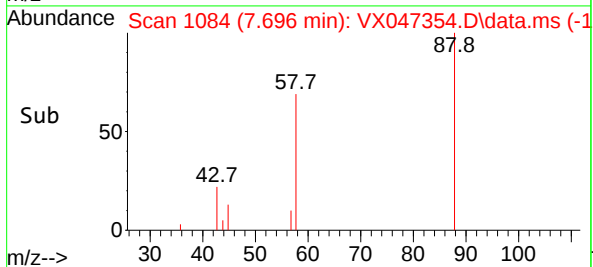
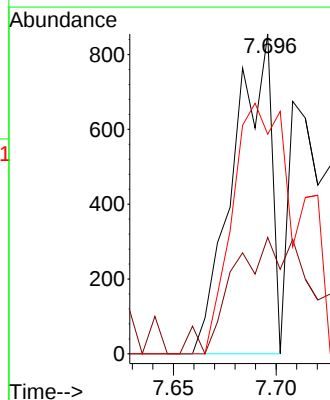
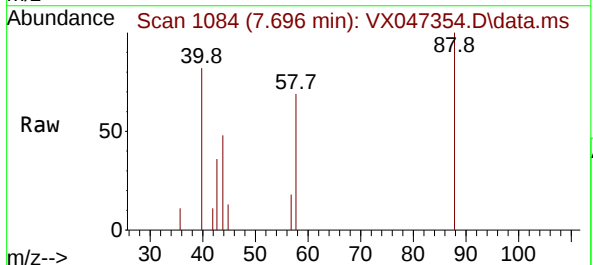
Instrument :
MSVOA_X
ClientSampleId :

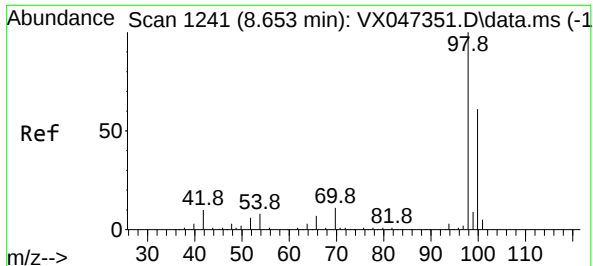
Tgt Ion: 93 Resp: 584
Ion Ratio Lower Upper
93 100
95 75.5 68.0 102.0
174 84.9 75.8 113.6



#49
1,4-Dioxane
Concen: 38.080 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.019 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Tgt Ion: 88 Resp: 1100
Ion Ratio Lower Upper
88 100
43 76.6 32.4 48.6#
58 152.6 56.9 85.3#

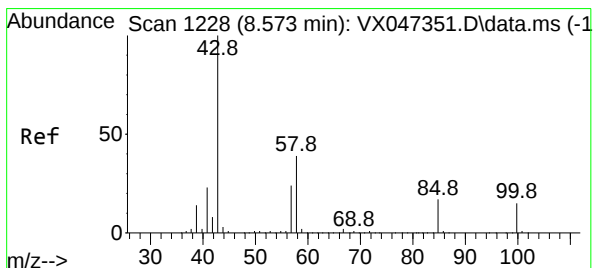
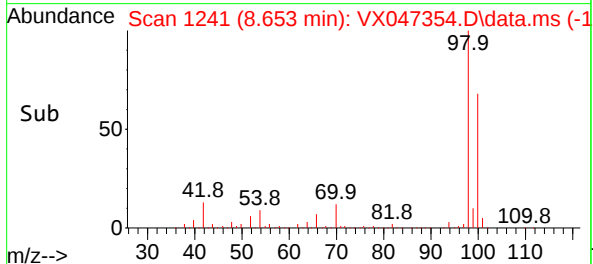
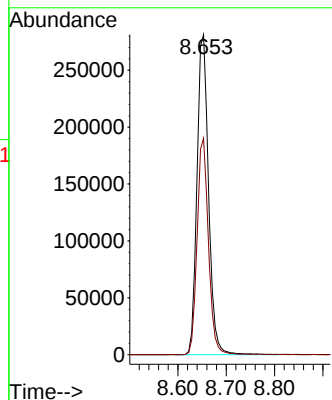
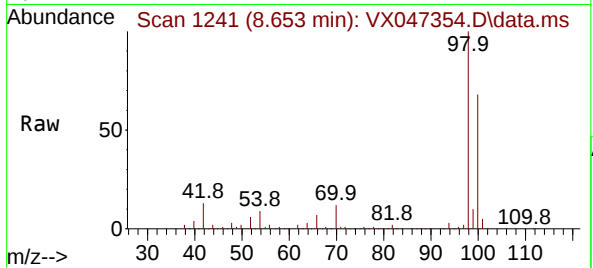




#50
Toluene-d8
Concen: 53.584 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

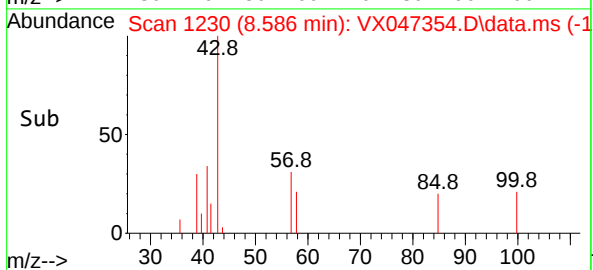
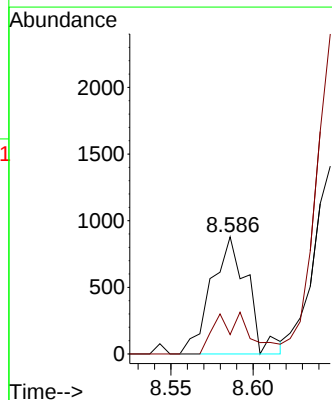
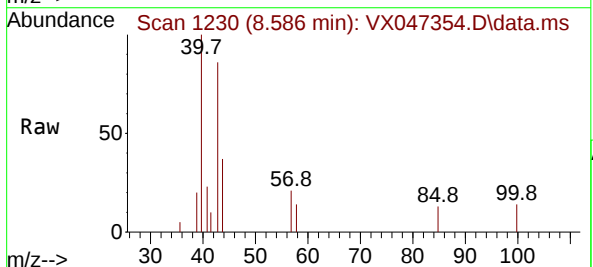
Instrument :
MSVOA_X
ClientSampleId :

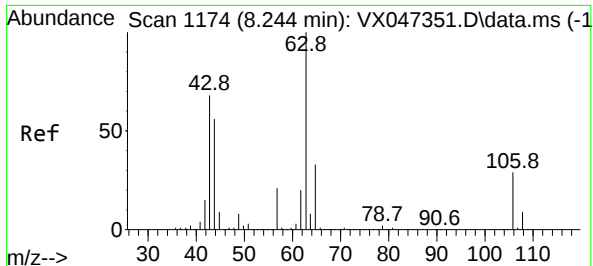
Tgt Ion: 98 Resp: 465705
Ion Ratio Lower Upper
98 100
100 66.2 53.9 80.9



#51
4-Methyl-2-Pentanone
Concen: 0.412 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Tgt Ion: 43 Resp: 1357
Ion Ratio Lower Upper
43 100
58 34.3 31.2 46.8

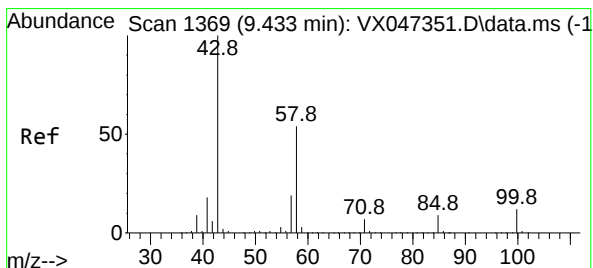
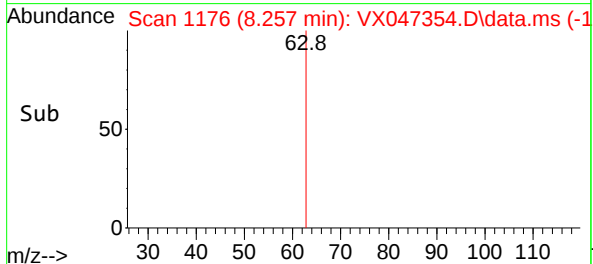
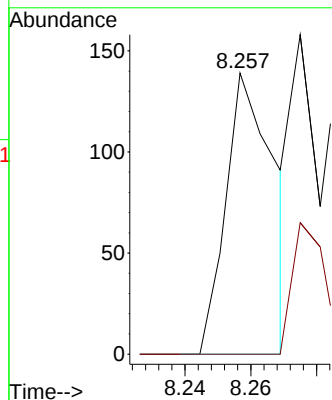
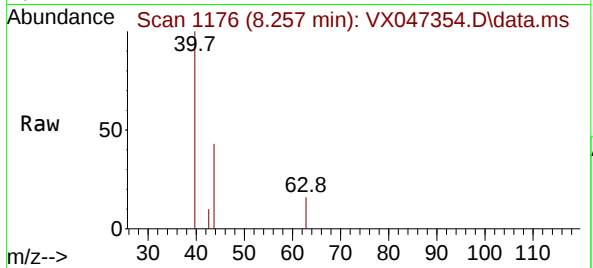




#58
2-Chloroethyl Vinyl ether
Concen: 8.428 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.012 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

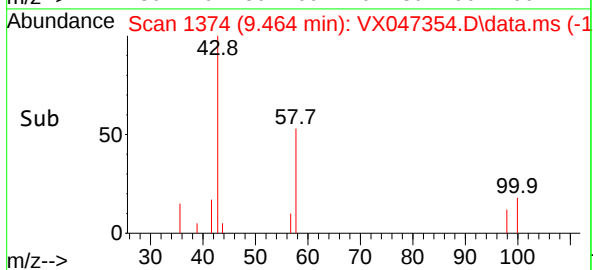
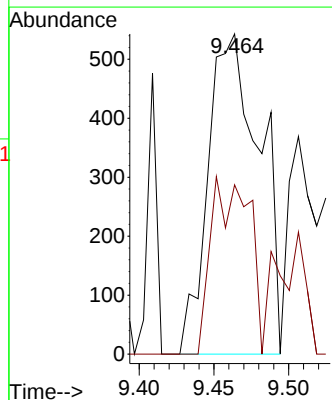
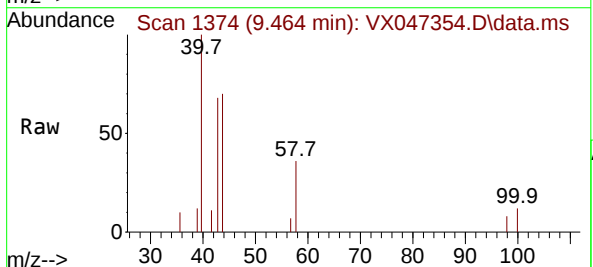
Instrument :
MSVOA_X
ClientSampleId :

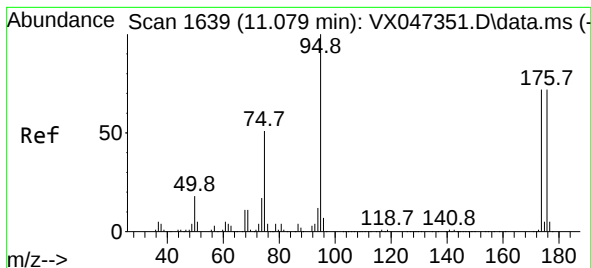
Tgt Ion: 63 Resp: 142
Ion Ratio Lower Upper
63 100
106 30.3 22.8 34.2



#59
2-Hexanone
Concen: 0.572 ug/l
RT: 9.464 min Scan# 1374
Delta R.T. 0.031 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Tgt Ion: 43 Resp: 1303
Ion Ratio Lower Upper
43 100
58 40.9 26.9 80.7

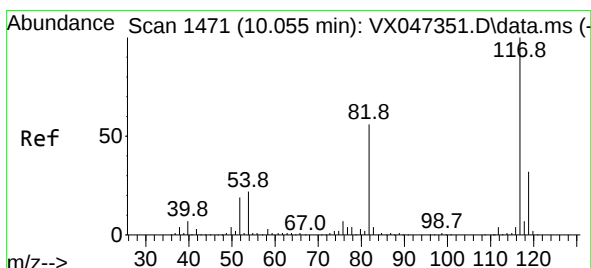
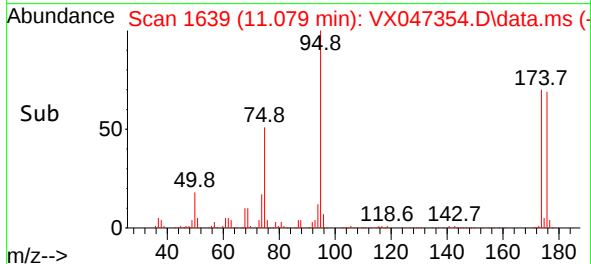
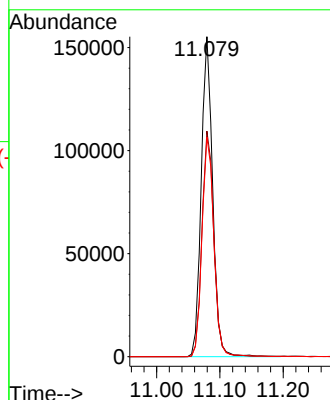
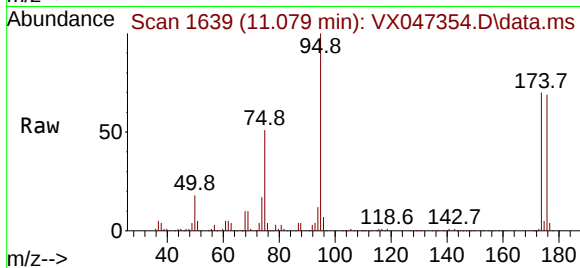




#62
4-Bromofluorobenzene
Concen: 60.872 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

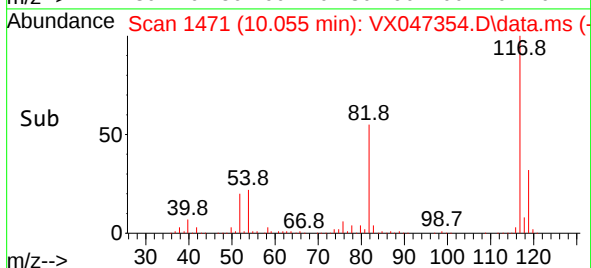
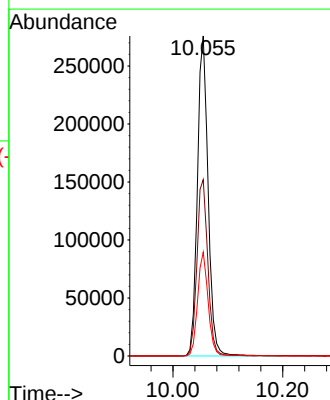
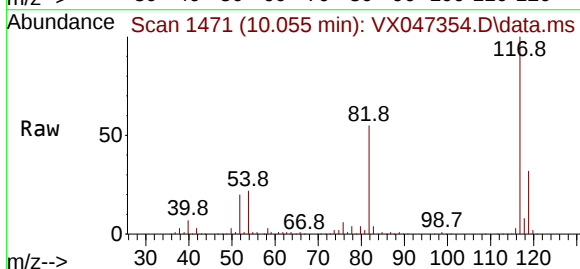
Instrument :
MSVOA_X
ClientSampleId :

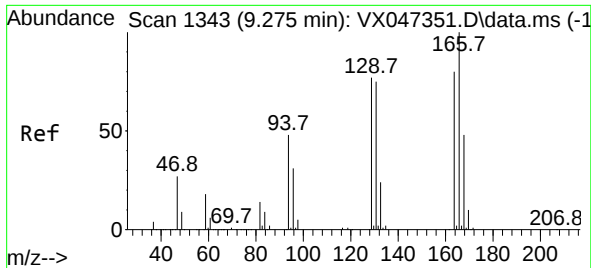
Tgt Ion: 95 Resp: 195228
Ion Ratio Lower Upper
95 100
174 73.0 0.0 148.0
176 71.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

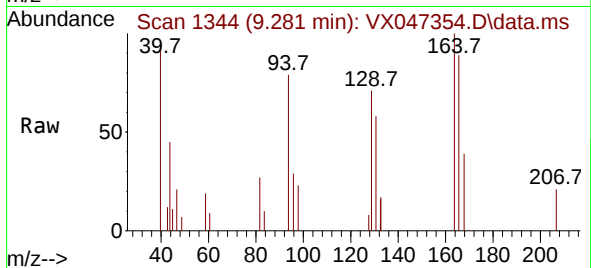
Tgt Ion: 117 Resp: 375797
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.4
119 32.5 25.8 38.8



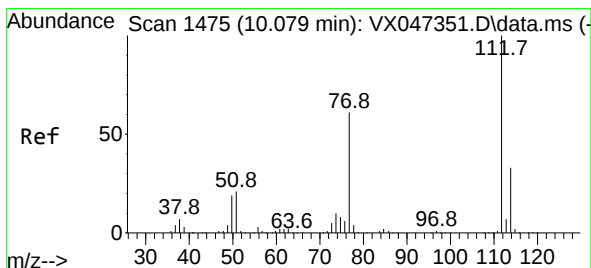
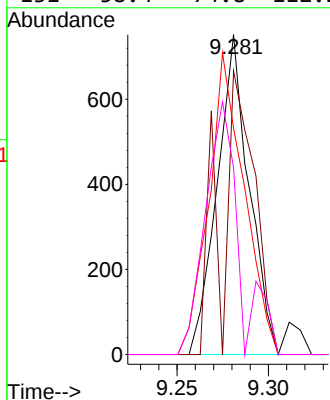
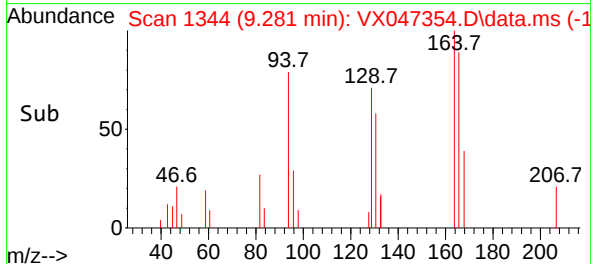


#64
Tetrachloroethene
Concen: 0.336 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Instrument :
MSVOA_X
ClientSampleId :

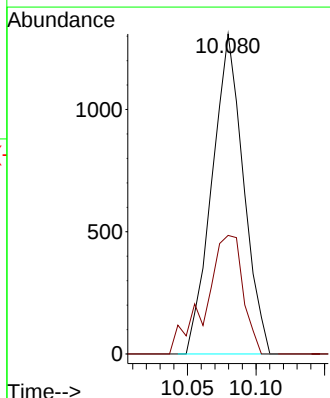
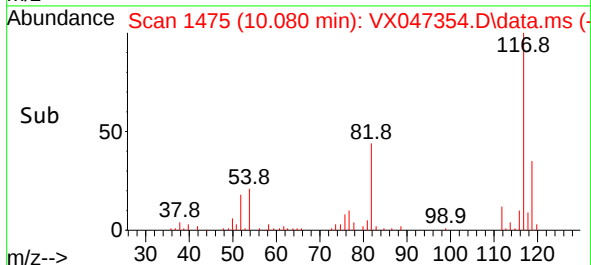
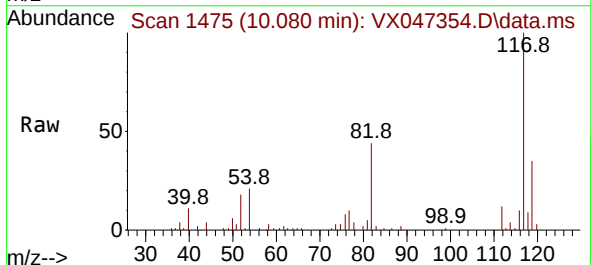


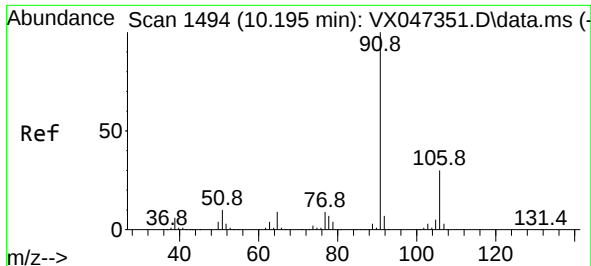
Tgt Ion:164 Resp: 914
Ion Ratio Lower Upper
164 100
166 88.7 100.3 150.5#
129 70.7 77.7 116.5#
131 58.4 74.8 112.2#



#65
Chlorobenzene
Concen: 0.234 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Tgt Ion:112 Resp: 2087
Ion Ratio Lower Upper
112 100
114 37.1 26.4 39.6





#67

Ethyl Benzene

Concen: 0.211 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX047354.D

Acq: 15 Aug 2025 11:26

Instrument :

MSVOA_X

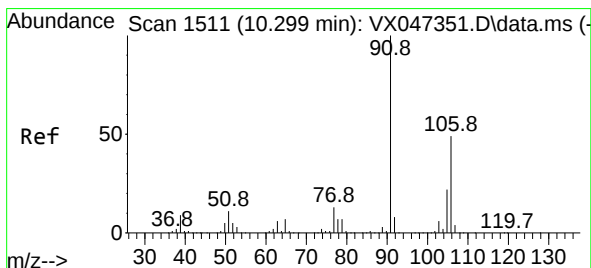
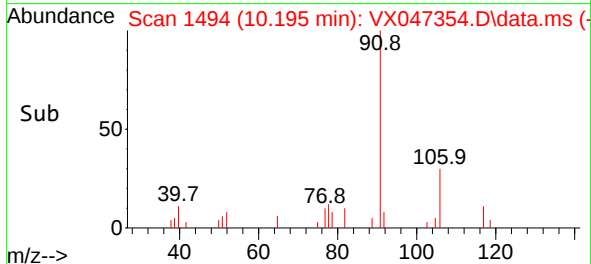
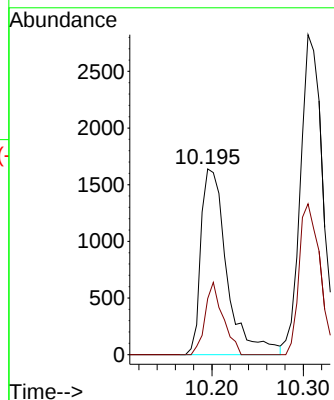
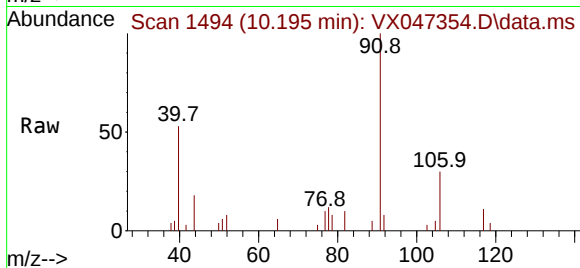
ClientSampleId :

Tgt Ion: 91 Resp: 3244

Ion Ratio Lower Upper

91 100

106 28.1 24.4 36.6



#68

m/p-Xylenes

Concen: 0.399 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX047354.D

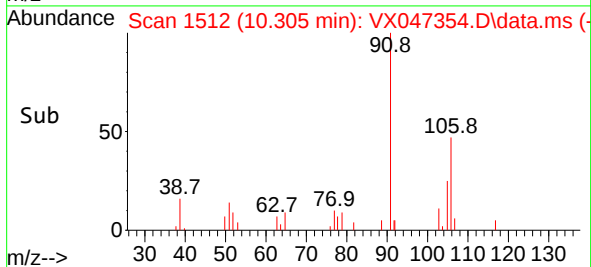
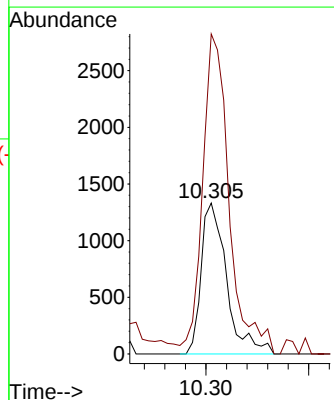
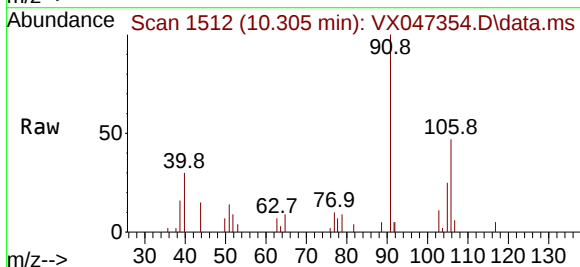
Acq: 15 Aug 2025 11:26

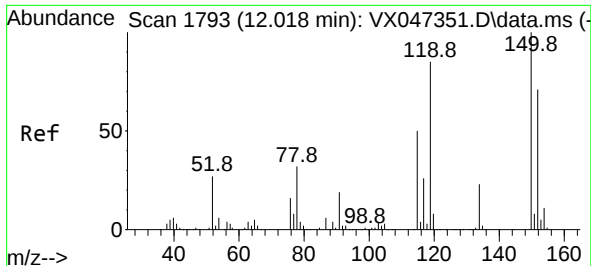
Tgt Ion: 106 Resp: 2287

Ion Ratio Lower Upper

106 100

91 220.8 164.7 247.1

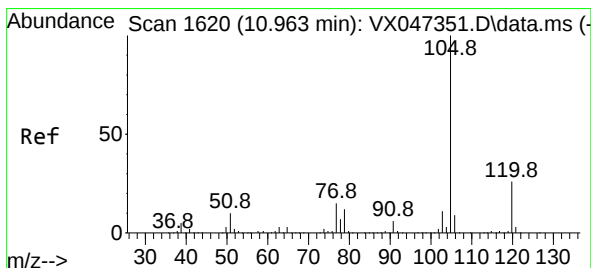
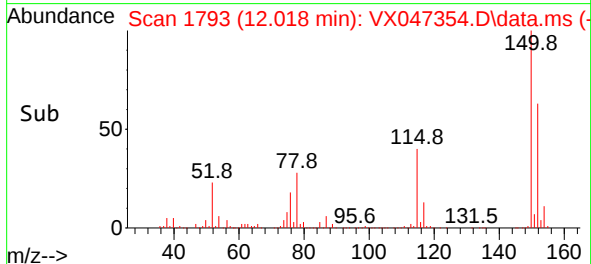
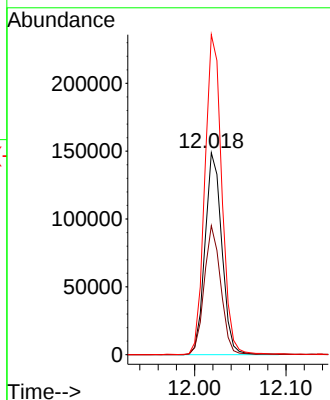
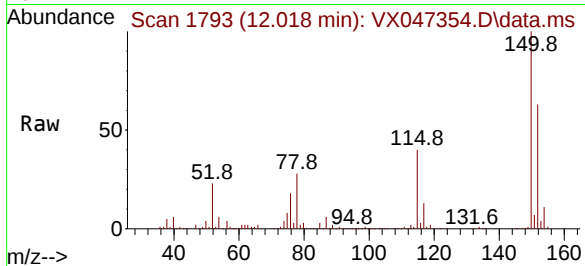




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

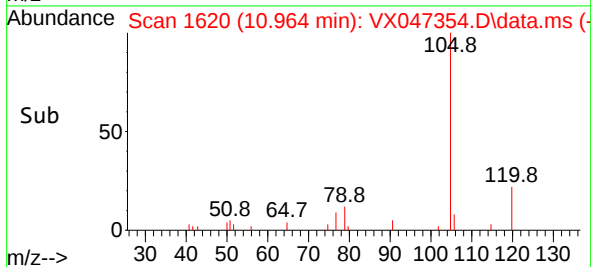
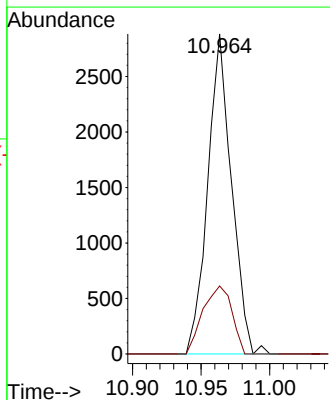
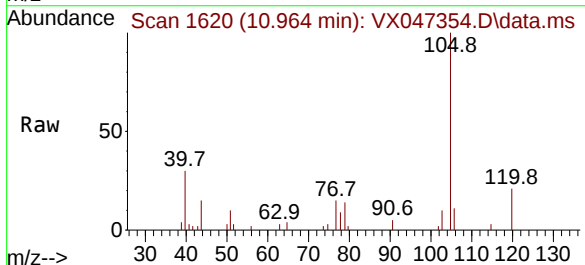
Instrument :
MSVOA_X
ClientSampleId :

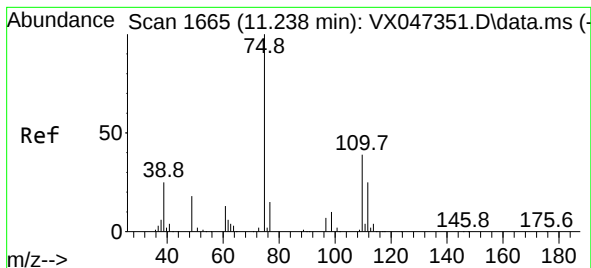
Tgt Ion:152 Resp: 190177
Ion Ratio Lower Upper
152 100
115 62.9 44.6 133.8
150 159.9 0.0 349.8



#73
Isopropylbenzene
Concen: 0.234 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Tgt Ion:105 Resp: 3482
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6





#76

1,2,3-Trichloropropane

Concen: 28.837 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX047354.D

Acq: 15 Aug 2025 11:26

Instrument :

MSVOA_X

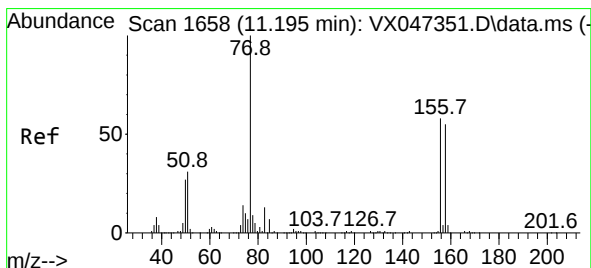
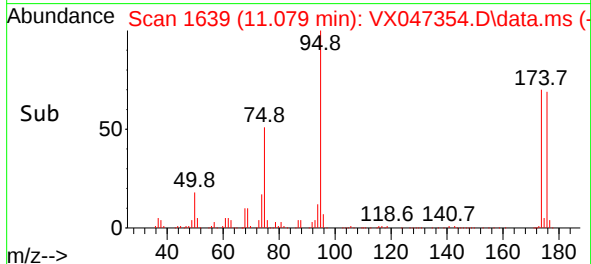
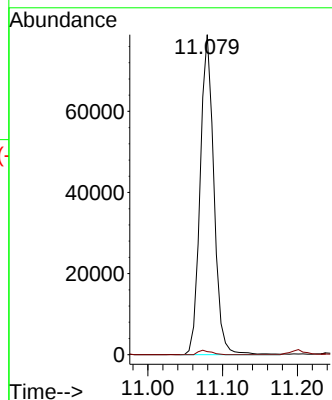
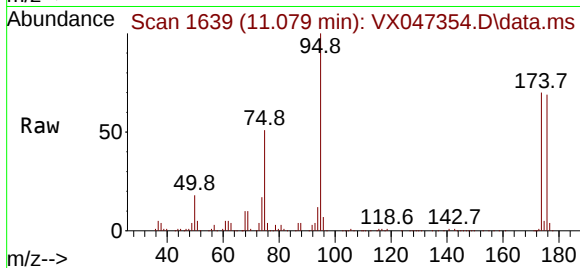
ClientSampleId :

Tgt Ion: 75 Resp: 100585

Ion Ratio Lower Upper

75 100

77 1.3 19.4 58.2#



#77

Bromobenzene

Concen: 0.285 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX047354.D

Acq: 15 Aug 2025 11:26

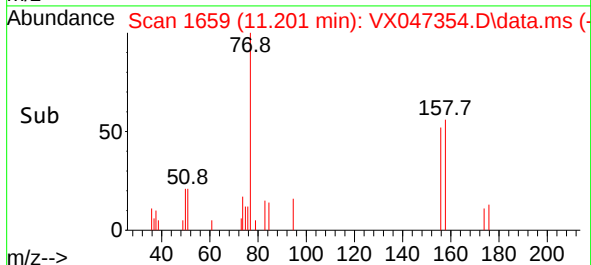
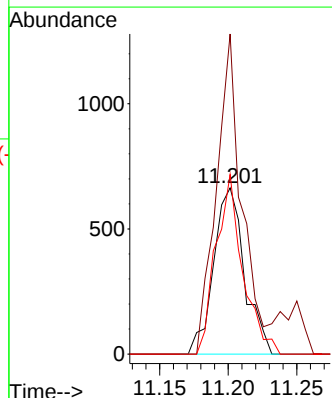
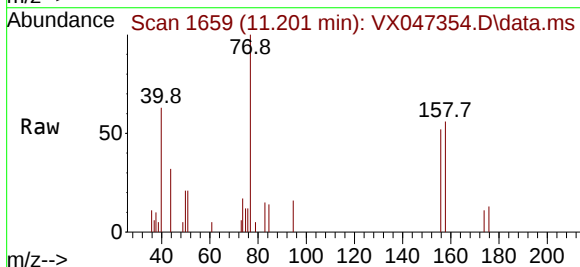
Tgt Ion: 156 Resp: 1034

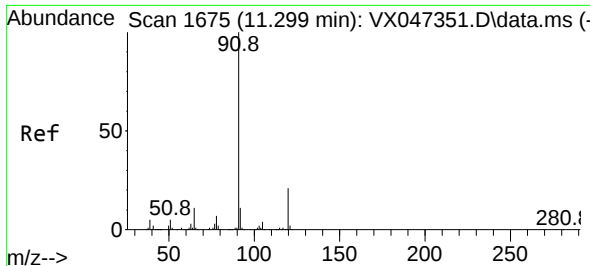
Ion Ratio Lower Upper

156 100

77 162.6 86.3 258.9

158 94.6 48.0 144.2

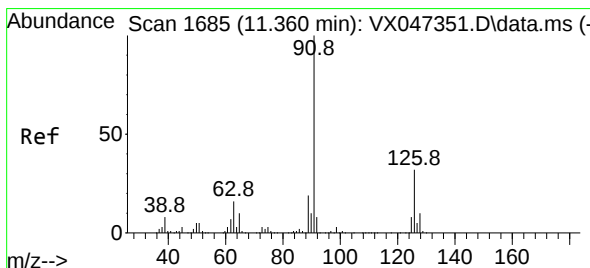
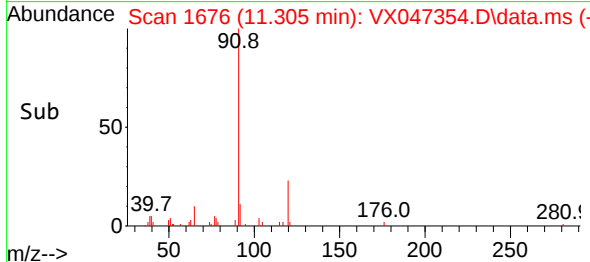
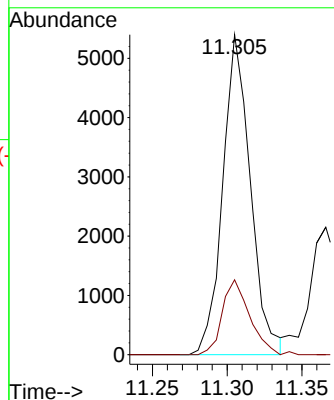
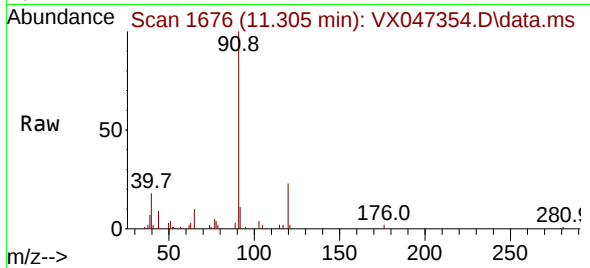




#78
n-propylbenzene
Concen: 0.391 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

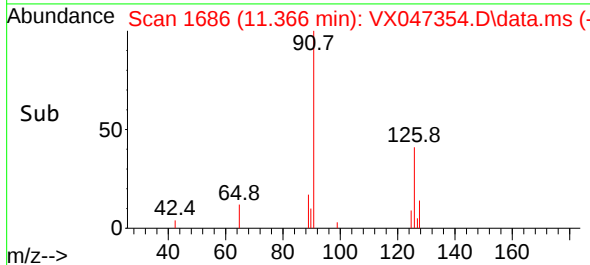
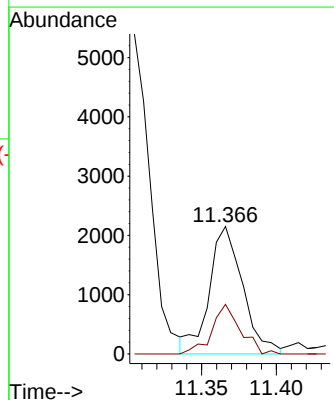
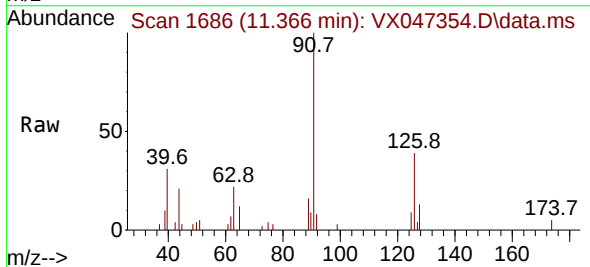
Instrument :
MSVOA_X
ClientSampleId :

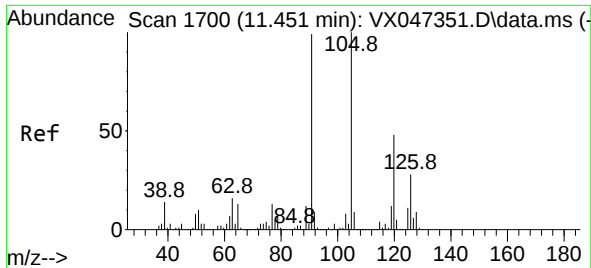
Tgt Ion: 91 Resp: 6948
Ion Ratio Lower Upper
91 100
120 23.3 11.0 33.0



#79
2-Chlorotoluene
Concen: 0.312 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Tgt Ion: 91 Resp: 3352
Ion Ratio Lower Upper
91 100
126 32.9 16.7 50.1

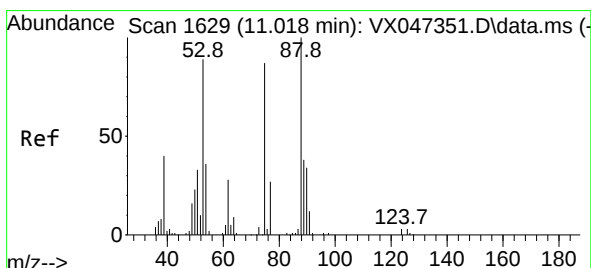
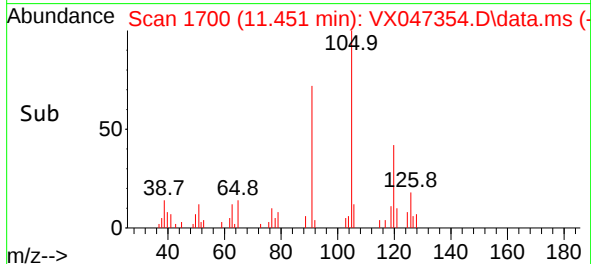
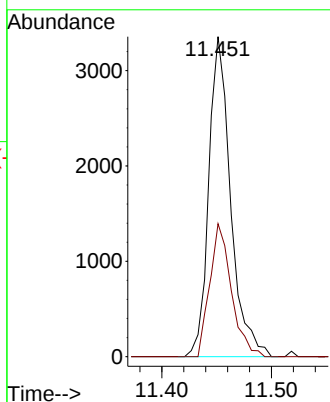
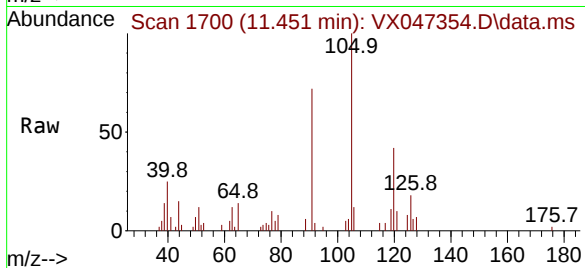




#80
 1,3,5-Trimethylbenzene
 Concen: 0.379 ug/l
 RT: 11.451 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047354.D
 Acq: 15 Aug 2025 11:26

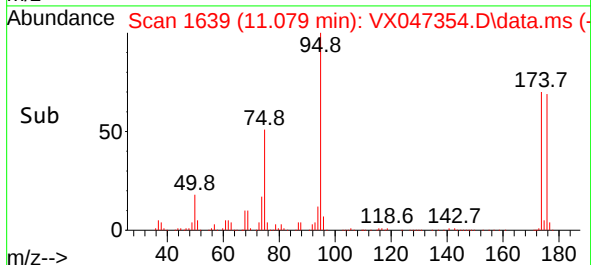
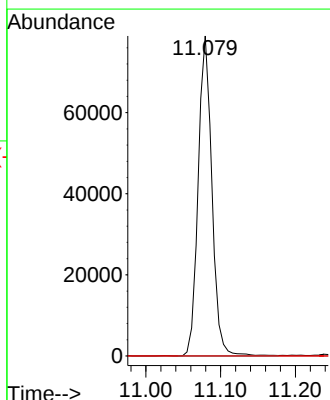
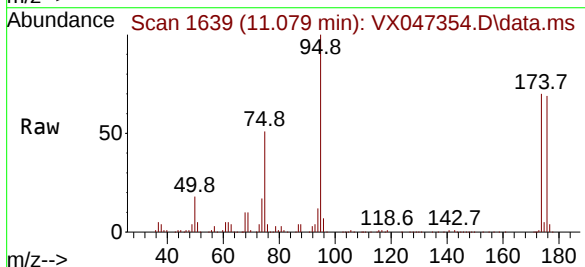
Instrument :
 MSVOA_X
 ClientSampleId :

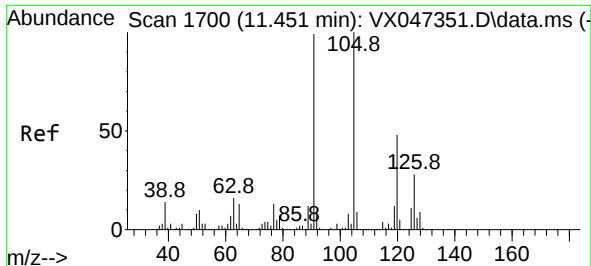
Tgt Ion:105 Resp: 4641
 Ion Ratio Lower Upper
 105 100
 120 41.0 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.497 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX047354.D
 Acq: 15 Aug 2025 11:26

Tgt Ion: 75 Resp: 100585
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.2 127.8#
 89 0.0 36.7 55.1#





#82

4-Chlorotoluene

Concen: 0.403 ug/l

RT: 11.463 min Scan# 1702

Delta R.T. 0.012 min

Lab File: VX047354.D

Acq: 15 Aug 2025 11:26

Instrument :

MSVOA_X

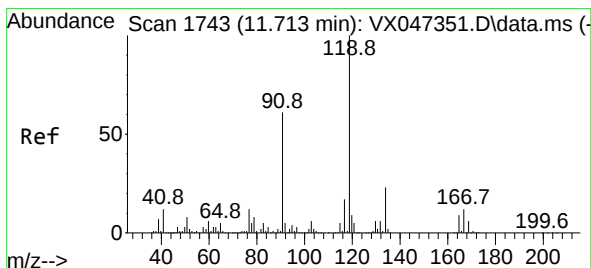
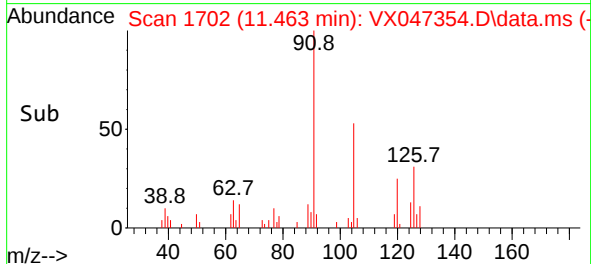
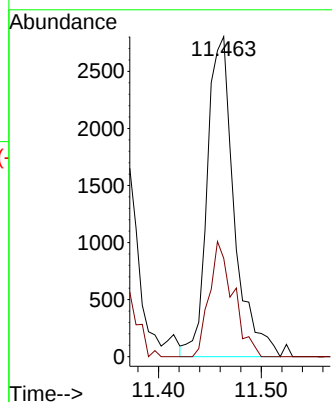
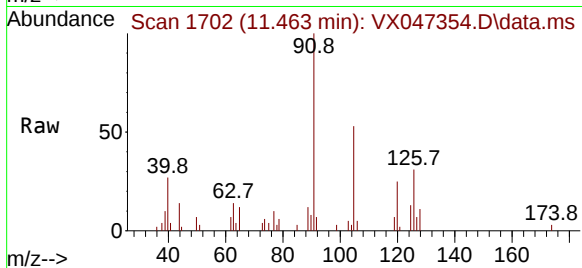
ClientSampleId :

Tgt Ion: 91 Resp: 5110

Ion Ratio Lower Upper

91 100

126 32.1 14.4 43.0



#83

tert-Butylbenzene

Concen: 0.429 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047354.D

Acq: 15 Aug 2025 11:26

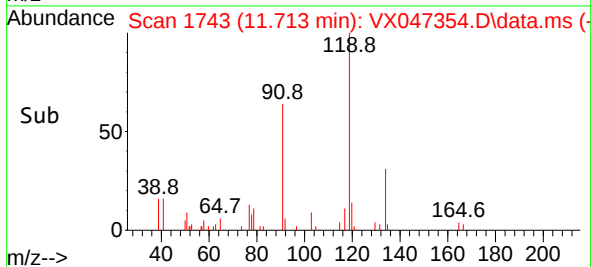
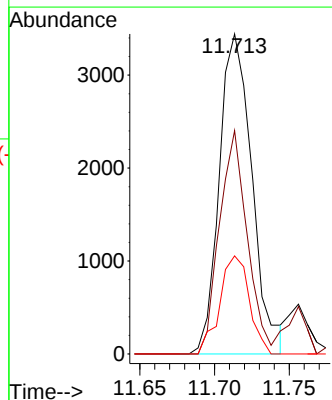
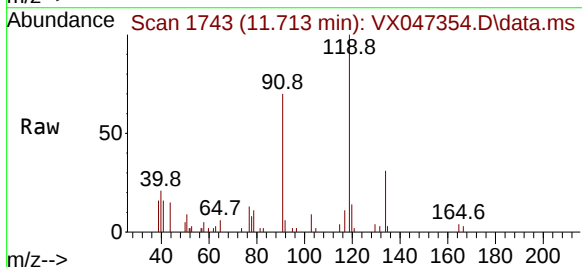
Tgt Ion: 119 Resp: 5235

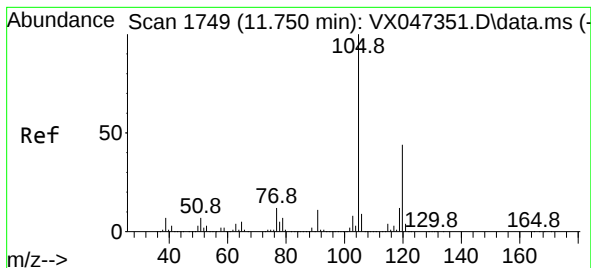
Ion Ratio Lower Upper

119 100

91 59.1 29.1 87.4

134 27.7 11.3 33.9





#84

1,2,4-Trimethylbenzene

Concen: 0.394 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX047354.D

Acq: 15 Aug 2025 11:26

Instrument :

MSVOA_X

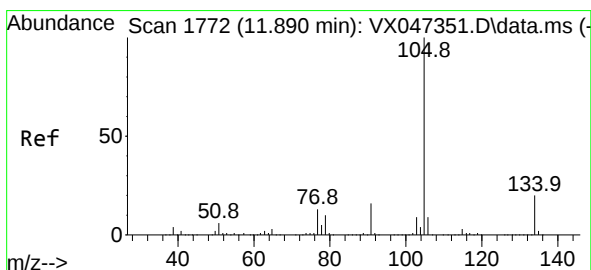
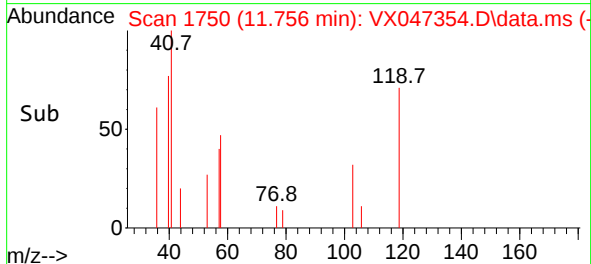
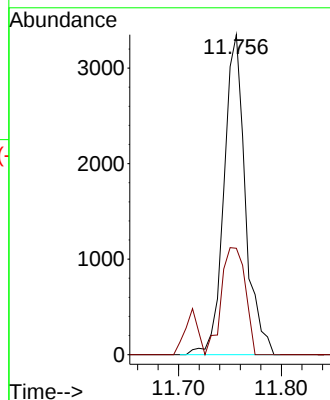
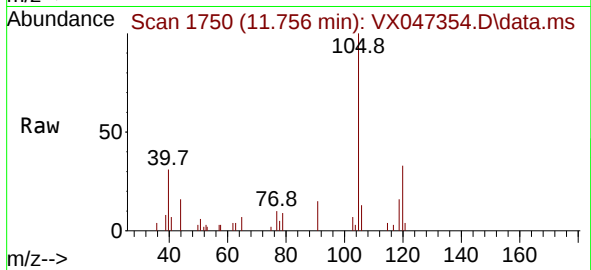
ClientSampleId :

Tgt Ion:105 Resp: 4829

Ion Ratio Lower Upper

105 100

120 37.3 21.9 65.7



#85

sec-Butylbenzene

Concen: 0.689 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX047354.D

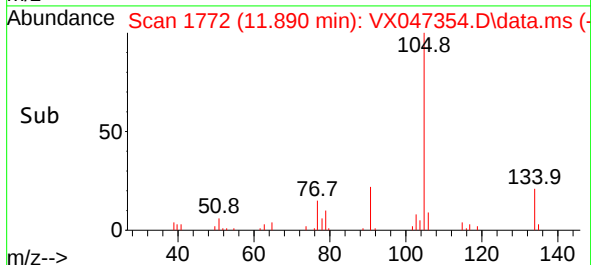
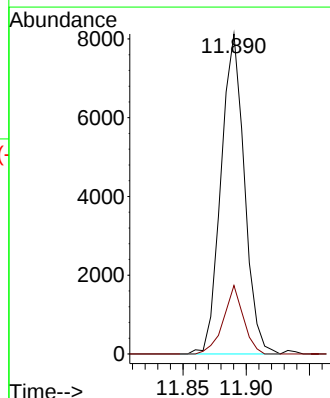
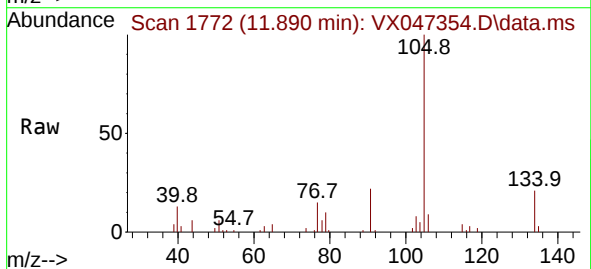
Acq: 15 Aug 2025 11:26

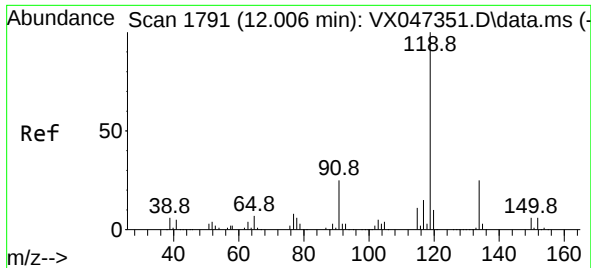
Tgt Ion:105 Resp: 10431

Ion Ratio Lower Upper

105 100

134 18.3 9.8 29.5

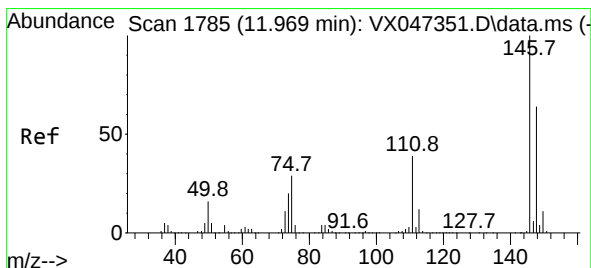
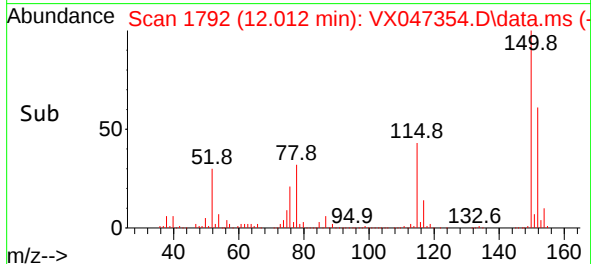
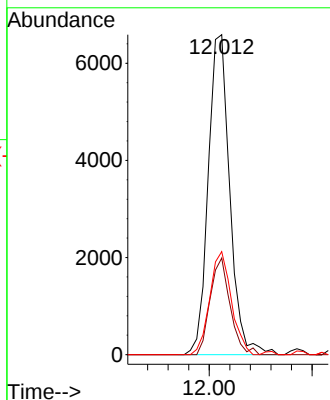
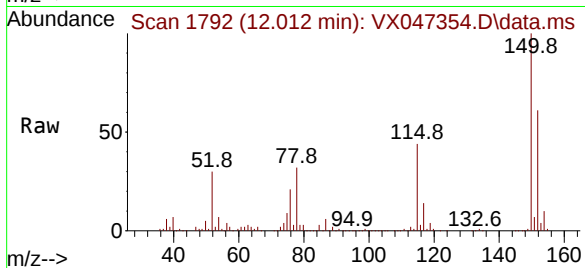




#86
 p-Isopropyltoluene
 Concen: 0.750 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX047354.D
 Acq: 15 Aug 2025 11:26

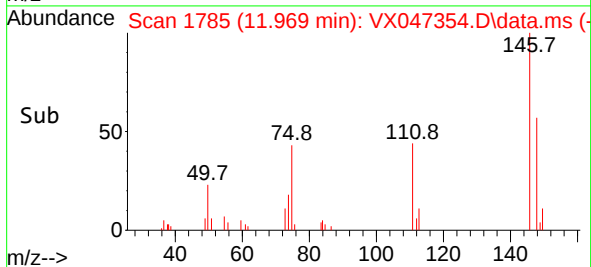
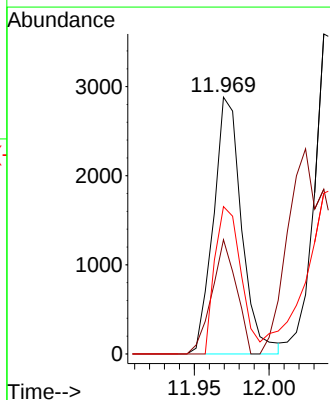
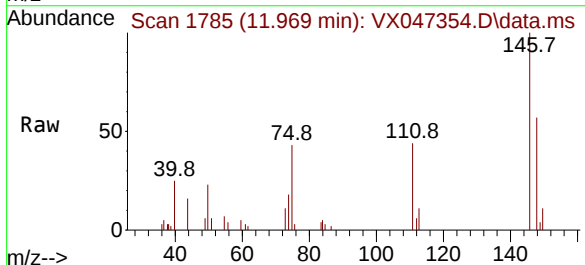
Instrument :
 MSVOA_X
 ClientSampleId :

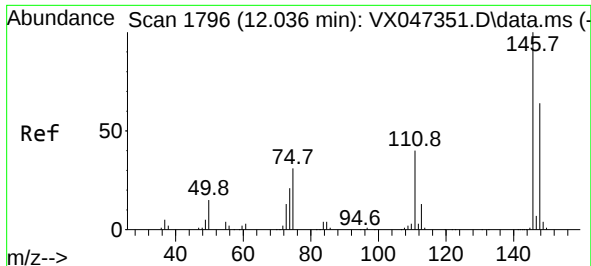
Tgt Ion:119 Resp: 9612
 Ion Ratio Lower Upper
 119 100
 134 27.9 12.8 38.4
 91 32.3 12.4 37.4



#87
 1,3-Dichlorobenzene
 Concen: 0.546 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX047354.D
 Acq: 15 Aug 2025 11:26

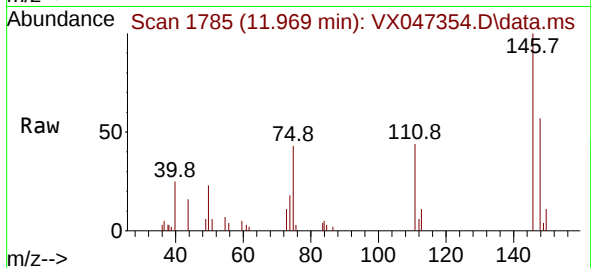
Tgt Ion:146 Resp: 3788
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.6 61.8
 148 53.5 31.9 95.5



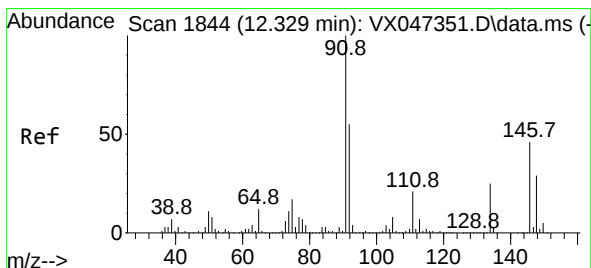
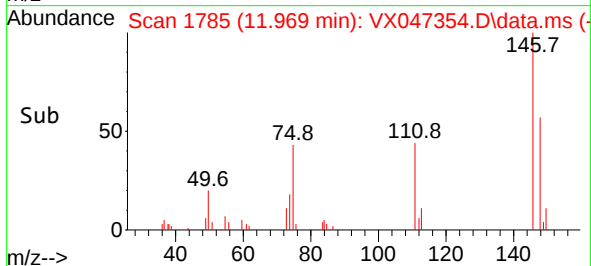
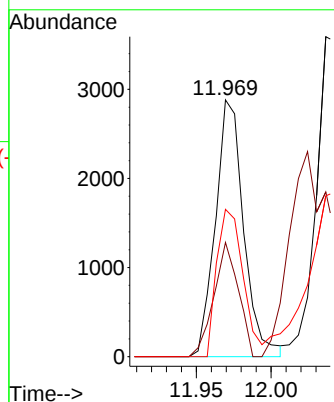


#88
1,4-Dichlorobenzene
Concen: 0.530 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Instrument :
MSVOA_X
ClientSampleId :

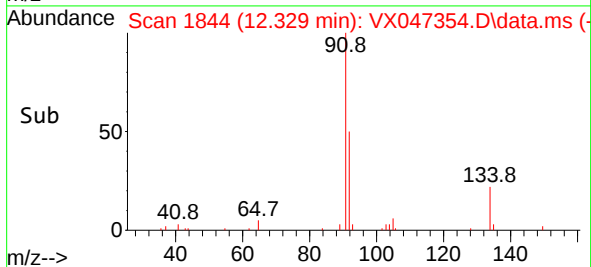
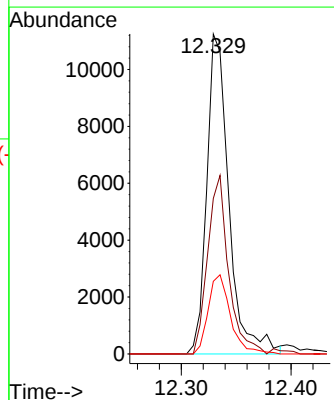
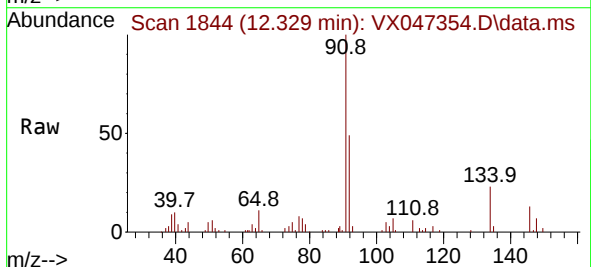


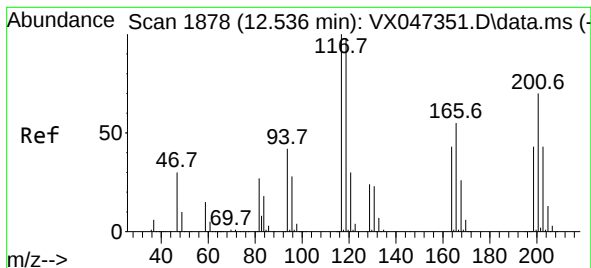
Tgt Ion:146 Resp: 3788
Ion Ratio Lower Upper
146 100
111 38.4 20.4 61.2
148 53.5 31.7 95.1



#89
n-Butylbenzene
Concen: 1.321 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Tgt Ion: 91 Resp: 15739
Ion Ratio Lower Upper
91 100
92 52.7 27.2 81.5
134 25.0 12.6 37.8





#90

Hexachloroethane

Concen: 0.685 ug/l

RT: 12.536 min Scan# 117

Delta R.T. 0.000 min

Lab File: VX047354.D

Acq: 15 Aug 2025 11:26

Instrument :

MSVOA_X

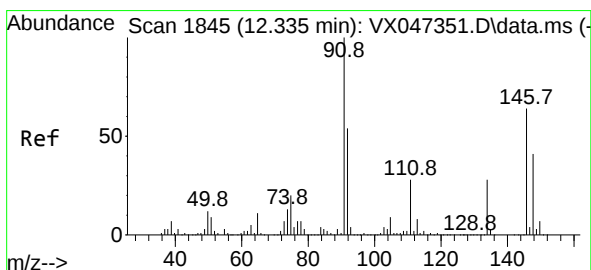
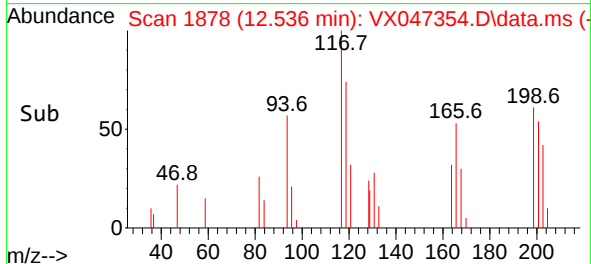
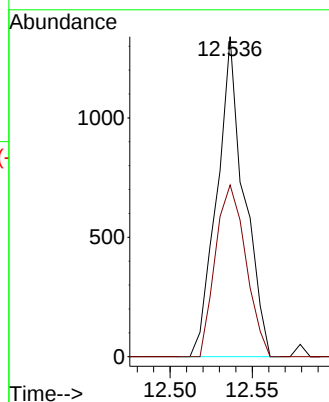
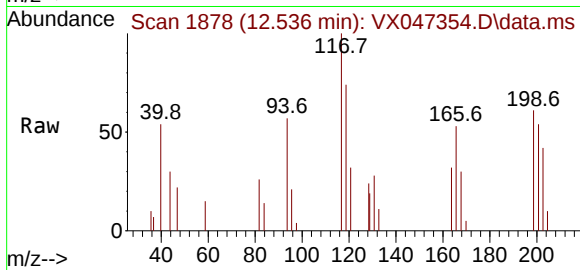
ClientSampleId :

Tgt Ion:117 Resp: 1539

Ion Ratio Lower Upper

117 100

201 59.9 35.1 105.3



#91

1,2-Dichlorobenzene

Concen: 0.457 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX047354.D

Acq: 15 Aug 2025 11:26

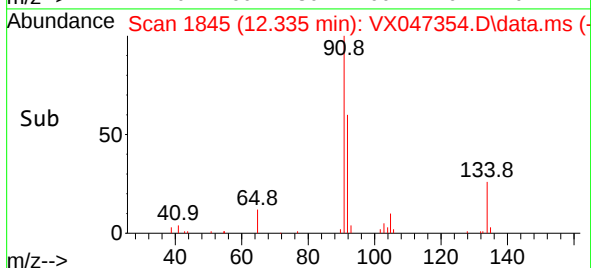
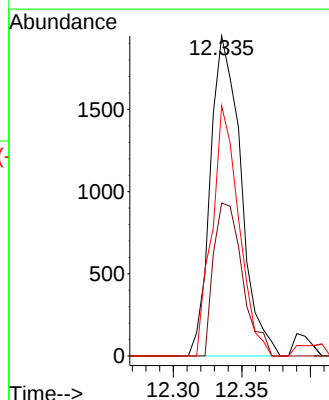
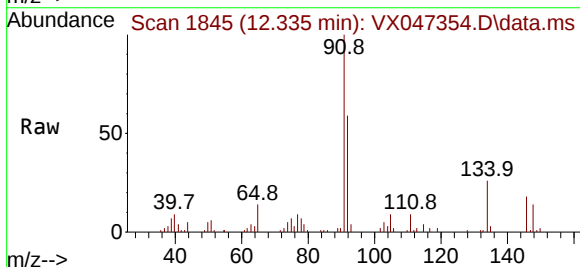
Tgt Ion:146 Resp: 3014

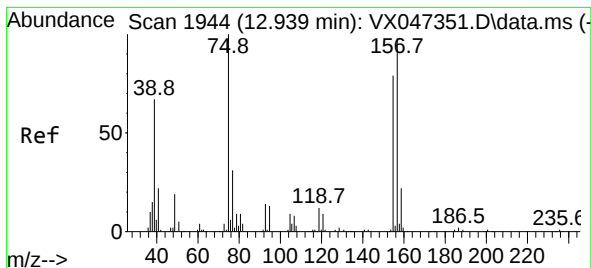
Ion Ratio Lower Upper

146 100

111 45.3 22.1 66.1

148 68.5 31.9 95.5

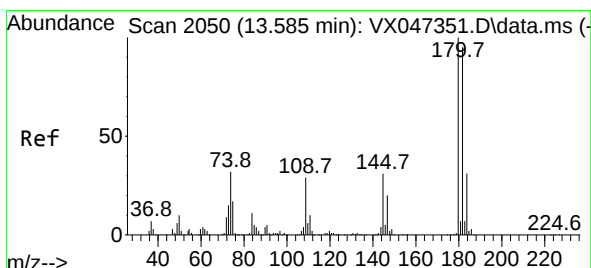
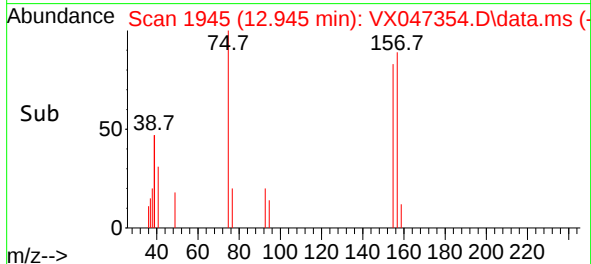
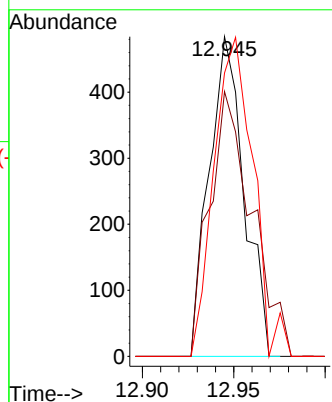
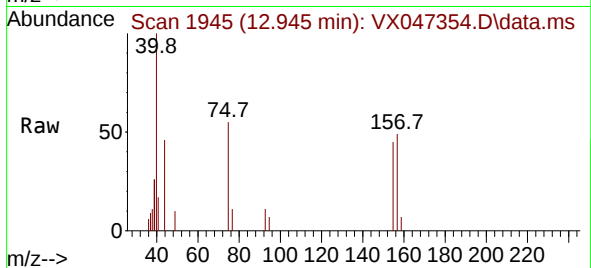




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.763 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

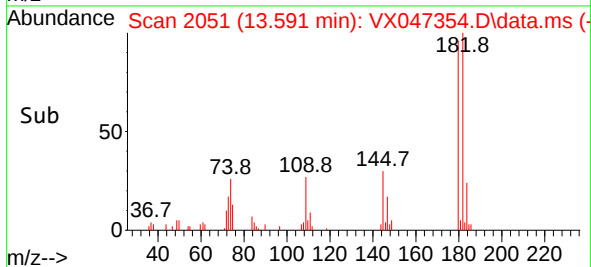
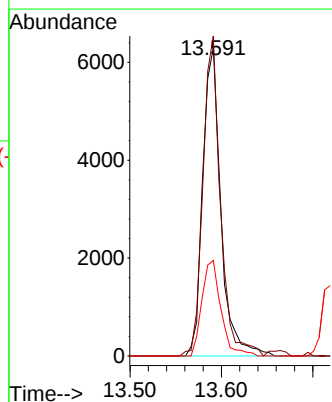
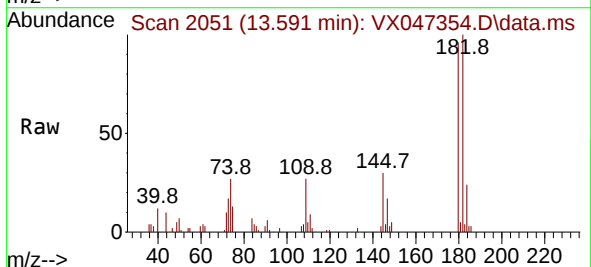
Instrument :
MSVOA_X
ClientSampleId :

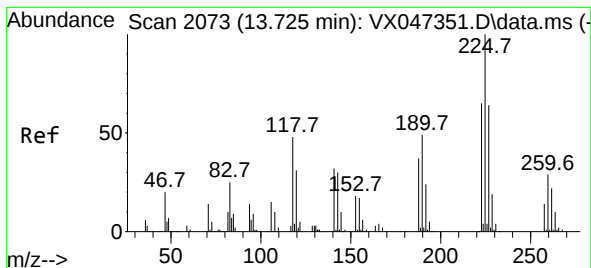
Tgt Ion: 75 Resp: 645
Ion Ratio Lower Upper
75 100
155 100.3 41.3 123.7
157 111.5 51.5 154.5



#93
1,2,4-Trichlorobenzene
Concen: 1.967 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX047354.D
Acq: 15 Aug 2025 11:26

Tgt Ion: 180 Resp: 8691
Ion Ratio Lower Upper
180 100
182 99.9 48.1 144.4
145 32.5 16.2 48.5





#94

Hexachlorobutadiene

Concen: 11.869 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX047354.D

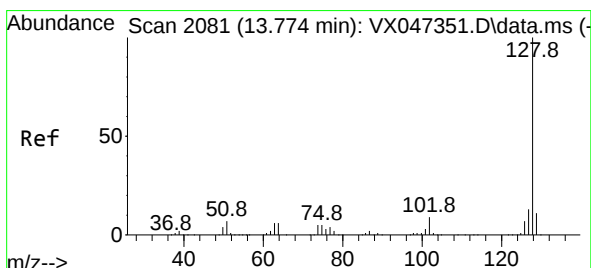
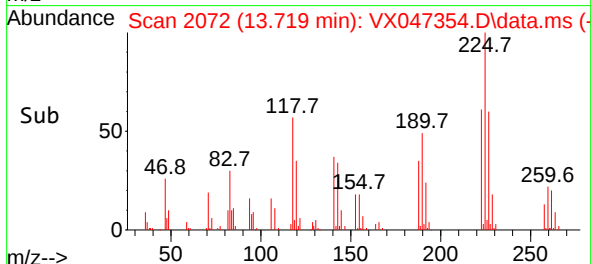
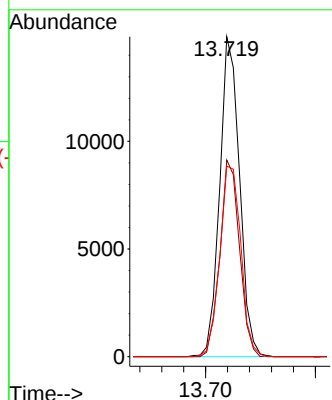
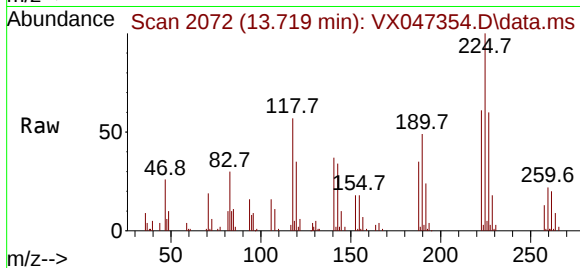
Acq: 15 Aug 2025 11:26

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	225	Resp:	18663
Ion Ratio	Lower	Upper	
225	100		
223	60.8	32.2	96.6
227	63.4	31.6	95.0



#95

Naphthalene

Concen: 1.702 ug/l

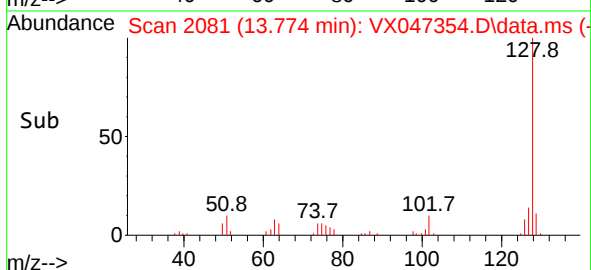
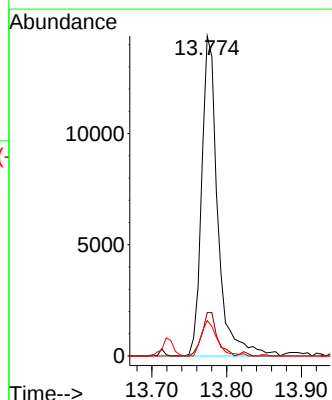
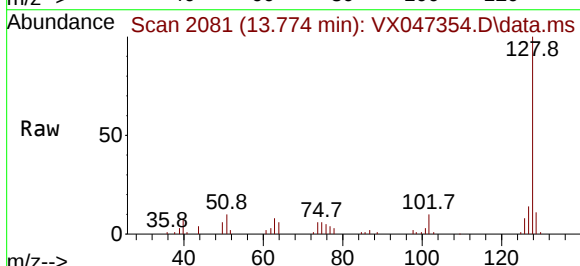
RT: 13.774 min Scan# 2081

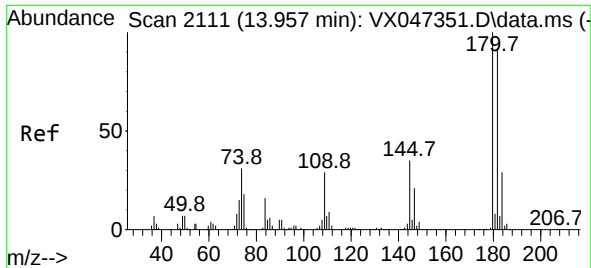
Delta R.T. 0.000 min

Lab File: VX047354.D

Acq: 15 Aug 2025 11:26

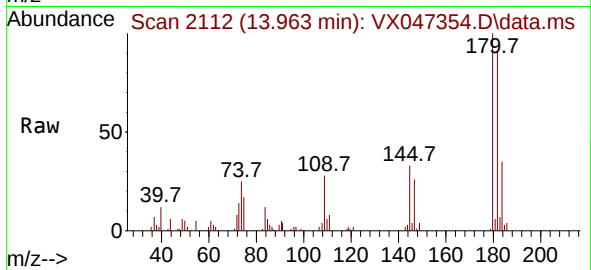
Tgt Ion:	128	Resp:	21492
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.1	15.1
129	10.9	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.286 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX047354.D
 Acq: 15 Aug 2025 11:26

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.0	144.2
145	32.6	17.4	52.2

