

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
 Data File : VX048777.D
 Acq On : 09 Dec 2025 12:46
 Operator : JC/MD
 Sample : Q3803-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 00:19:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	147488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	302073	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	319088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	170447	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	100604	50.821	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.640%	
35) Dibromofluoromethane	5.373	113	89364	42.966	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 85.940%	
50) Toluene-d8	8.635	98	331334	45.446	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 90.900%#	
62) 4-Bromofluorobenzene	11.061	95	144689	57.552	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.100%	

Target Compounds				Qvalue		
3) Chloromethane	1.307	50	560	0.295	ug/l #	66
5) Bromomethane	1.630	94	828	0.663	ug/l	94
10) Methyl Iodide	2.471	142	2633	1.102	ug/l	96
11) Tert butyl alcohol	2.928	59	4637	14.509	ug/l	99
12) 1,1-Dichloroethene	2.343	96	623	0.364	ug/l #	32
13) Acrolein	2.239	56	1189	43.411	ug/l #	37
14) Allyl chloride	2.660	41	1153	0.401	ug/l #	45
15) Acrylonitrile	3.069	53	2084	2.093	ug/l #	81
16) Acetone	2.374	43	91101	120.215	ug/l	98
17) Carbon Disulfide	2.520	76	3152	0.634	ug/l #	90
18) Methyl Acetate	2.709	43	5839	2.738	ug/l	99
20) Methylene Chloride	2.794	84	125604	66.311	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	475	0.272	ug/l	81
23) Vinyl Acetate	3.727	43	2714	0.601	ug/l #	70
25) 2-Butanone	4.550	43	14349	12.829	ug/l #	86
27) cis-1,2-Dichloroethene	4.483	96	784	0.397	ug/l	95
29) Tetrahydrofuran	4.995	42	1210	1.417	ug/l	89
31) Cyclohexane	5.464	56	1530	0.572	ug/l #	64
36) 1,1-Dichloropropene	5.538	75	11500	4.037	ug/l #	49
37) Ethyl Acetate	4.550	43	14349	4.215	ug/l #	71
38) Carbon Tetrachloride	5.532	117	15239	4.723	ug/l #	14
39) Methylcyclohexane	7.367	83	1589	0.472	ug/l	90
40) Benzene	6.025	78	883540	104.624	ug/l	100
42) 1,2-Dichloroethane	6.019	62	7439	2.489	ug/l #	73
43) Isopropyl Acetate	6.330	43	14570	2.827	ug/l	96
44) Trichloroethene	7.129	130	507	0.230	ug/l	74
48) Methyl methacrylate	7.781	41	55436	21.381	ug/l #	41
49) 1,4-Dioxane	7.641	88	84	2.356	ug/l #	22
51) 4-Methyl-2-Pentanone	8.555	43	138543	43.305	ug/l #	81
52) Toluene	8.702	92	352467	69.215	ug/l	100
54) cis-1,3-Dichloropropene	8.531	75	21361	6.260	ug/l #	61
59) 2-Hexanone	9.415	43	4053	1.805	ug/l	97
67) Ethyl Benzene	10.177	91	37618	3.301	ug/l	98
68) m/p-Xylenes	10.281	106	69491	15.653	ug/l	98
69) o-Xylene	10.622	106	45583	10.957	ug/l	99
70) Styrene	10.640	104	15695	2.198	ug/l #	63

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 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

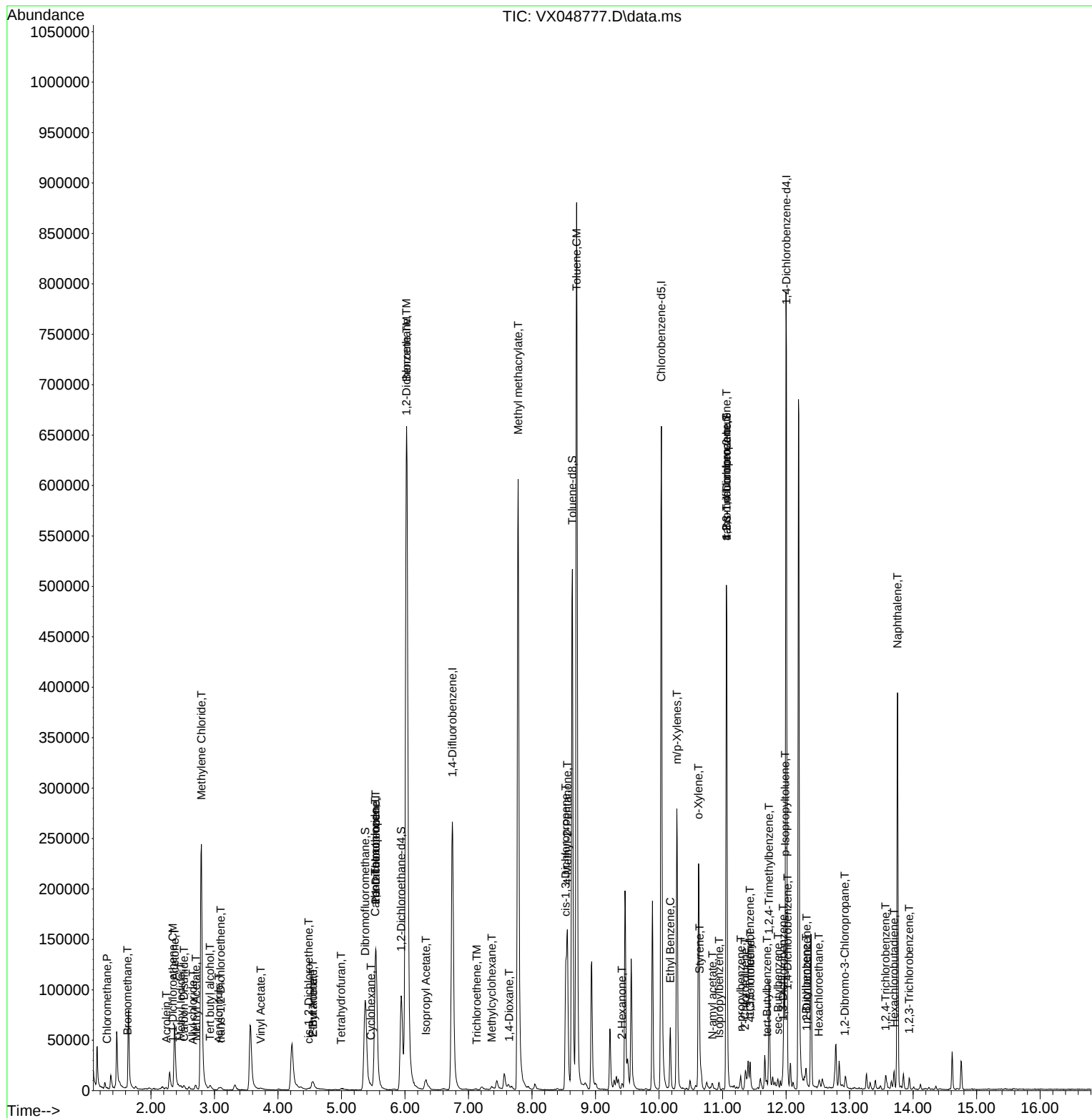
73) Isopropylbenzene	10.945	105	3616	0.315	ug/l	100
74) N-amyl acetate	10.842	43	1436	0.288	ug/l #	17
76) 1,2,3-Trichloropropane	11.061	75	72145	22.725	ug/l #	30
78) n-propylbenzene	11.287	91	6122	0.460	ug/l	98
79) 2-Chlorotoluene	11.354	91	3476	0.428	ug/l	84
80) 1,3,5-Trimethylbenzene	11.433	105	10109	1.071	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.061	75	72145	53.982	ug/l #	3
82) 4-Chlorotoluene	11.439	91	3412	0.360	ug/l	86
83) tert-Butylbenzene	11.701	119	3102	0.316	ug/l	89
84) 1,2,4-Trimethylbenzene	11.732	105	41179	4.324	ug/l	73
85) sec-Butylbenzene	11.872	105	4843	0.407	ug/l	99
86) p-Isopropyltoluene	11.988	119	4696	0.462	ug/l #	74
87) 1,3-Dichlorobenzene	11.951	146	1981	0.351	ug/l #	1
88) 1,4-Dichlorobenzene	12.024	146	2028	0.347	ug/l #	50
89) n-Butylbenzene	12.317	91	5547	0.583	ug/l	95
90) Hexachloroethane	12.518	117	957	0.461	ug/l	83
91) 1,2-Dichlorobenzene	12.323	146	1586	0.289	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	12.927	75	358	0.380	ug/l	58
93) 1,2,4-Trichlorobenzene	13.567	180	2958	0.817	ug/l	96
94) Hexachlorobutadiene	13.701	225	1503	1.004	ug/l	93
95) Naphthalene	13.756	128	234087	24.637	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	2796	0.838	ug/l	97

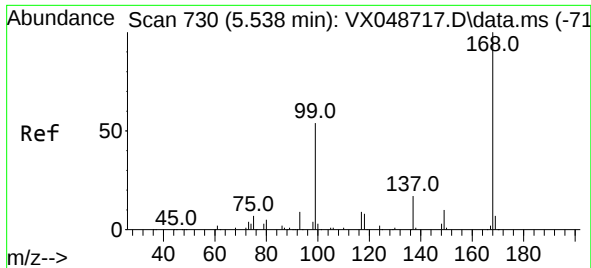
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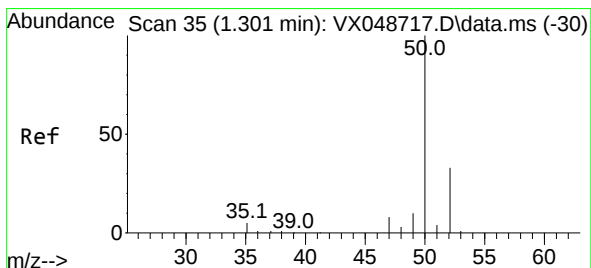
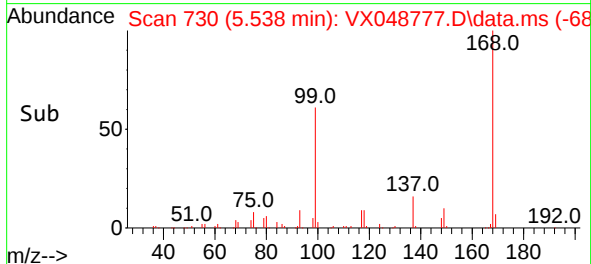
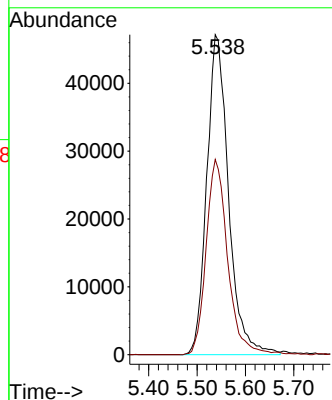
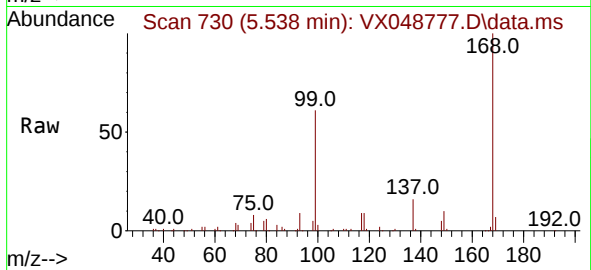




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
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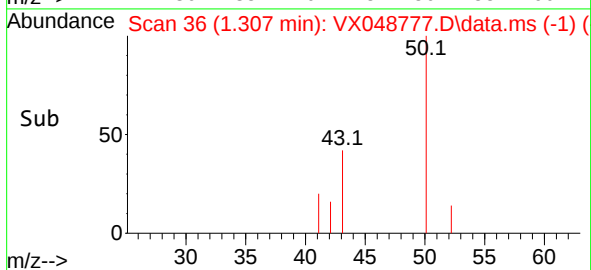
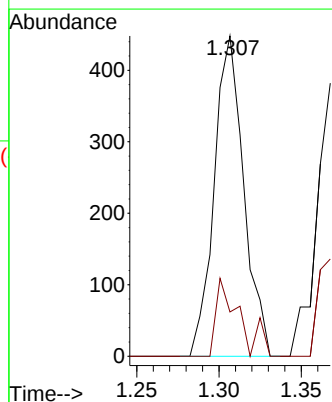
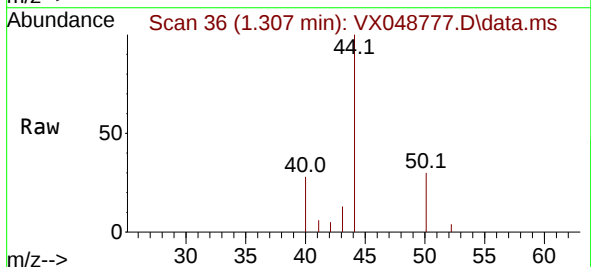
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ClientSampleId :

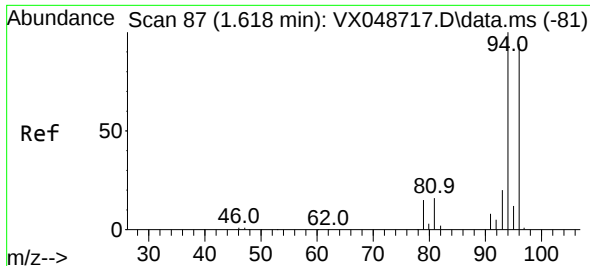
Tgt Ion:168 Resp: 147488
Ion Ratio Lower Upper
168 100
99 61.0 44.2 66.4



#3
Chloromethane
Concen: 0.295 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

Tgt Ion: 50 Resp: 560
Ion Ratio Lower Upper
50 100
52 13.8 26.4 39.6#

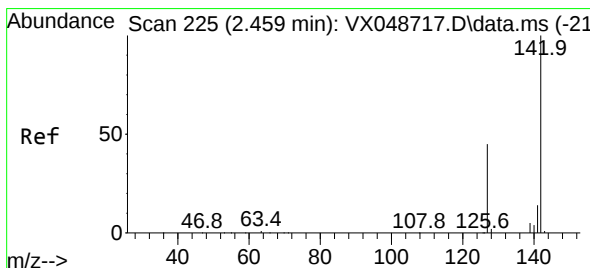
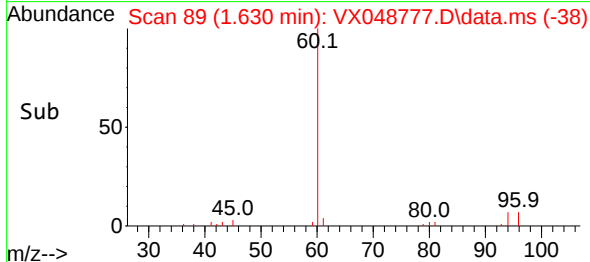
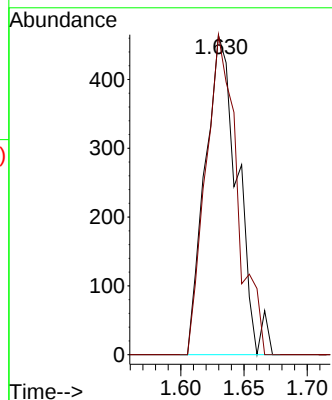
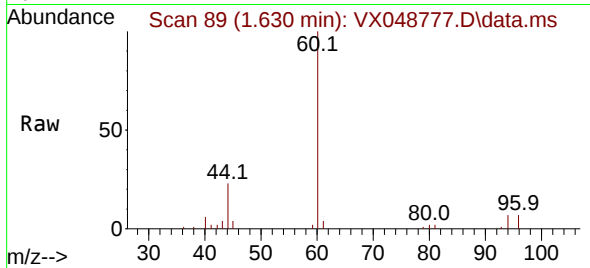




#5
Bromomethane
Concen: 0.663 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

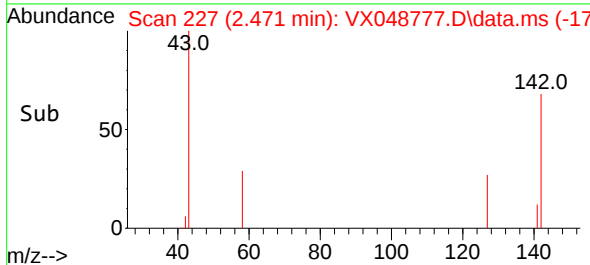
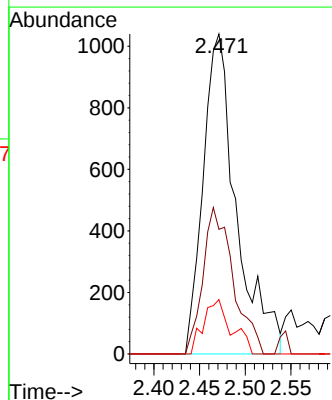
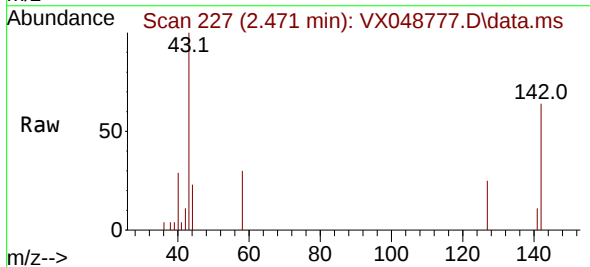
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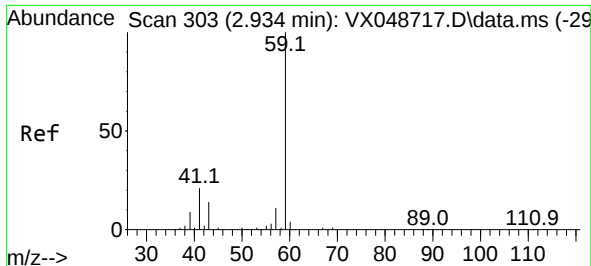
Tgt Ion: 94 Resp: 828
Ion Ratio Lower Upper
94 100
96 100.2 75.2 112.8



#10
Methyl Iodide
Concen: 1.102 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.012 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

Tgt Ion: 142 Resp: 2633
Ion Ratio Lower Upper
142 100
127 41.7 35.8 53.6
141 14.3 11.1 16.7

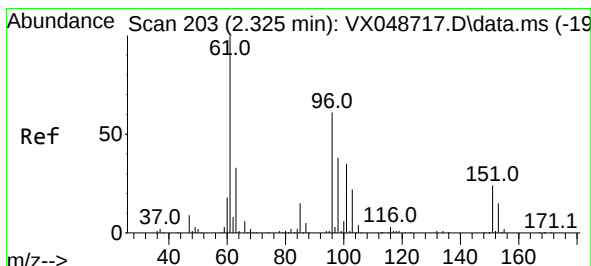
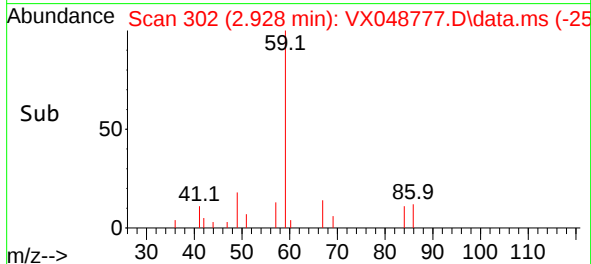
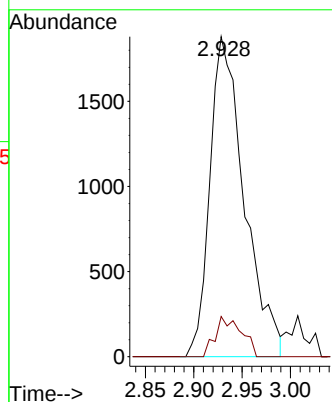
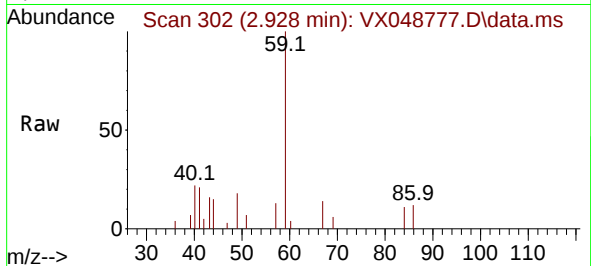




#11
Tert butyl alcohol
Concen: 14.509 ug/l
RT: 2.928 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

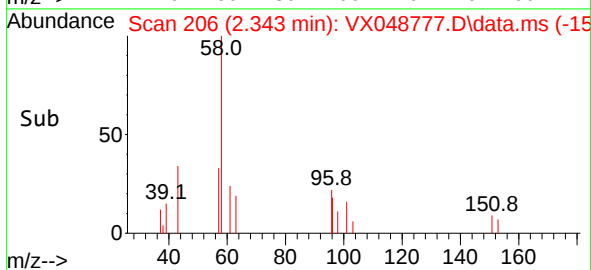
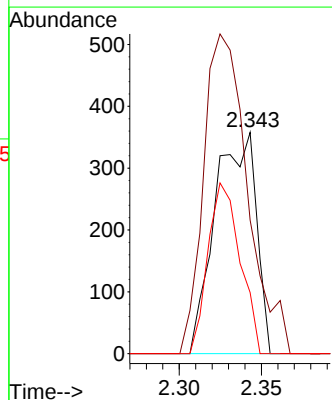
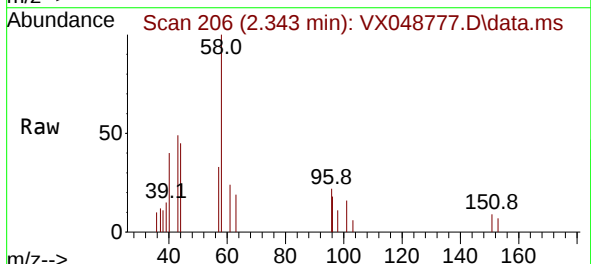
Instrument :
MSVOA_X
ClientSampleId :

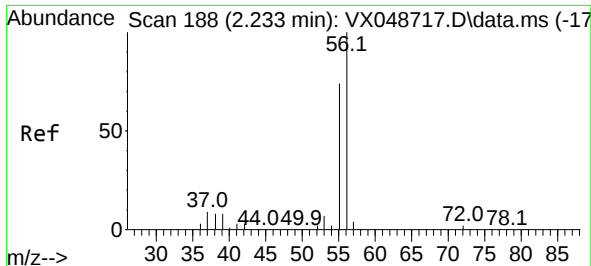
Tgt Ion: 59 Resp: 4637
Ion Ratio Lower Upper
59 100
57 9.6 8.1 12.1



#12
1,1-Dichloroethene
Concen: 0.364 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.018 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

Tgt Ion: 96 Resp: 623
Ion Ratio Lower Upper
96 100
61 60.3 130.7 196.1#
98 27.7 49.8 74.8#

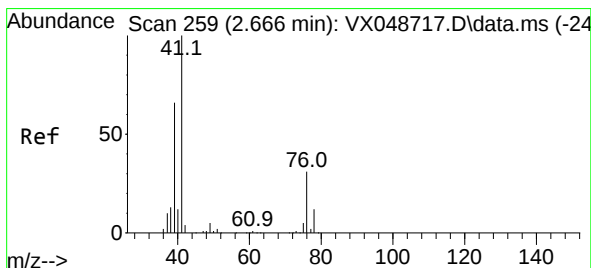
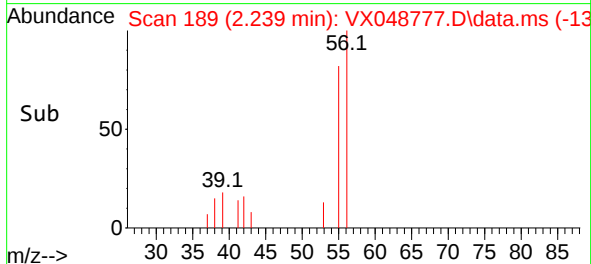
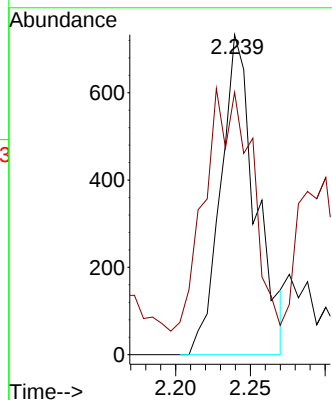
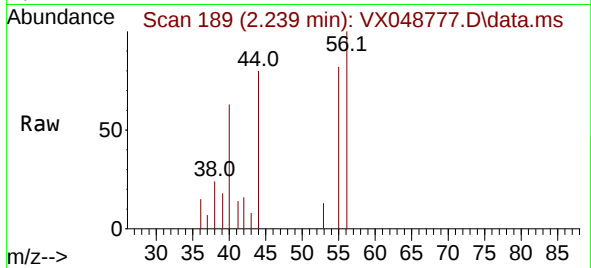




#13
Acrolein
Concen: 43.411 ug/l
RT: 2.239 min Scan# 1189
Delta R.T. 0.006 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

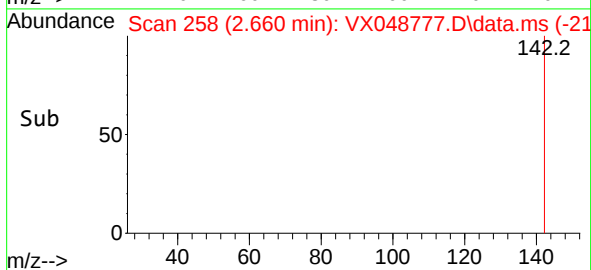
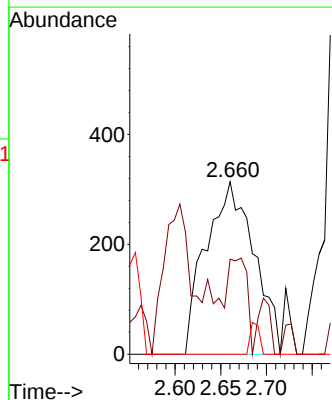
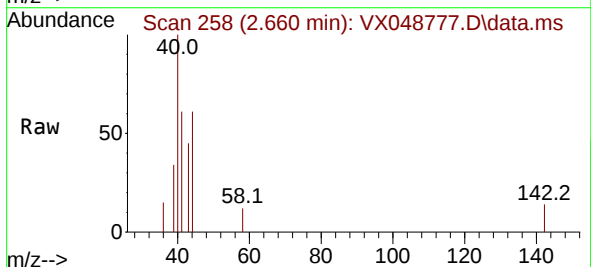
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ClientSampleId :

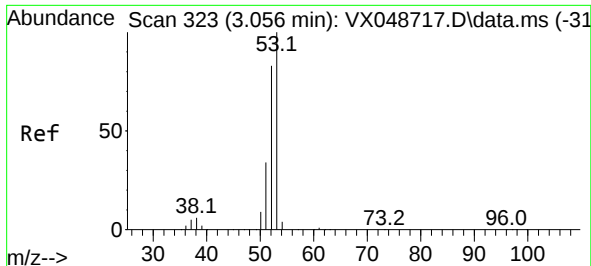
Tgt Ion: 56 Resp: 1189
Ion Ratio Lower Upper
56 100
55 121.0 55.8 83.6#



#14
Allyl chloride
Concen: 0.401 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

Tgt Ion: 41 Resp: 1153
Ion Ratio Lower Upper
41 100
39 21.2 49.8 74.6#
76 0.0 27.3 40.9#





#15

Acrylonitrile

Concen: 2.093 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.012 min

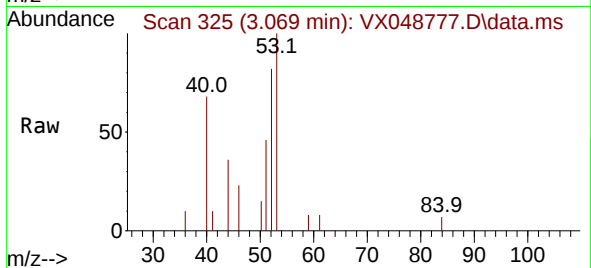
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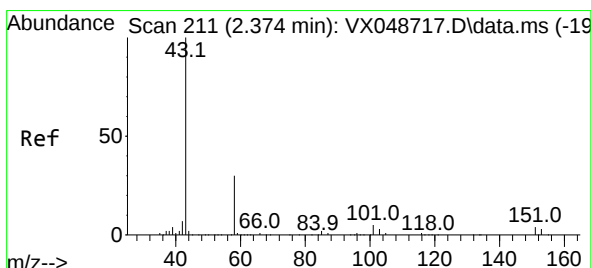
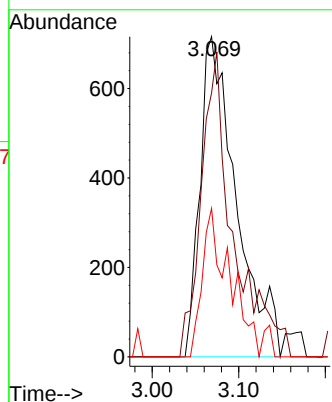
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 53	Resp: 2084
Ion Ratio	Lower Upper
53	100
52	83.7 66.3 99.5
51	0.0 28.7 43.1#



#16

Acetone

Concen: 120.215 ug/l

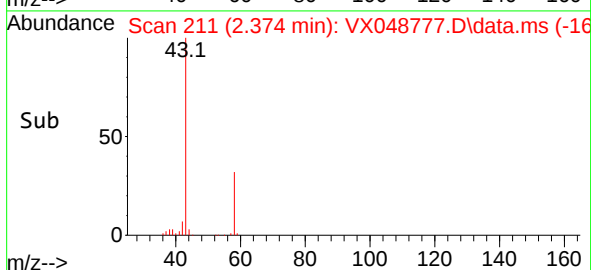
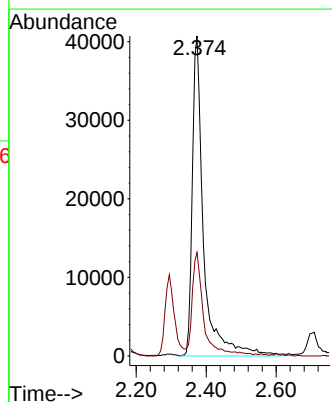
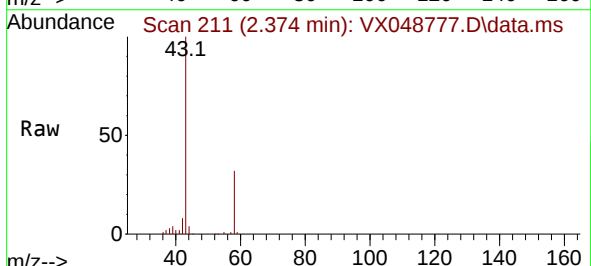
RT: 2.374 min Scan# 211

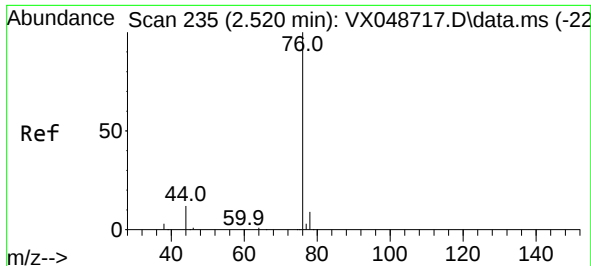
Delta R.T. 0.000 min

Lab File: VX048777.D

Acq: 09 Dec 2025 12:46

Tgt Ion: 43	Resp: 91101
Ion Ratio	Lower Upper
43	100
58	32.1 25.0 37.4

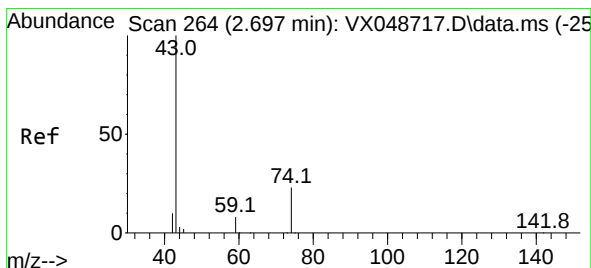
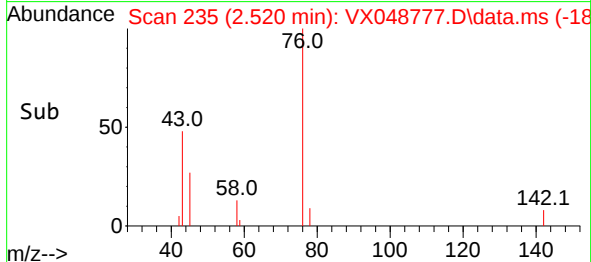
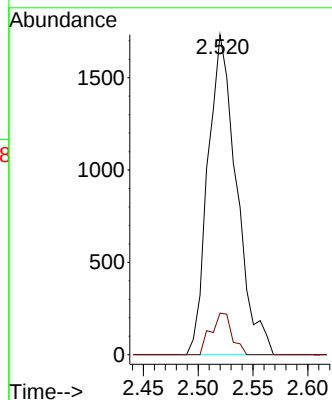
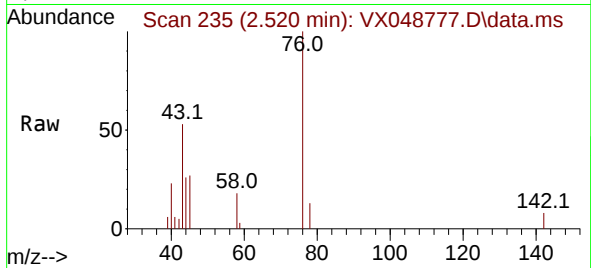




#17
Carbon Disulfide
Concen: 0.634 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.000 min
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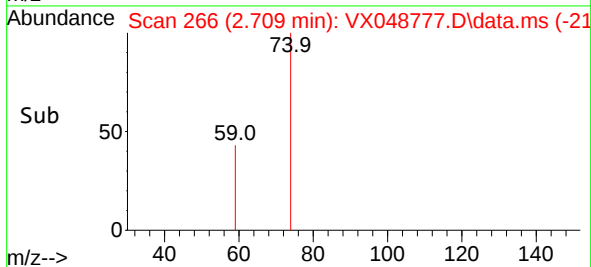
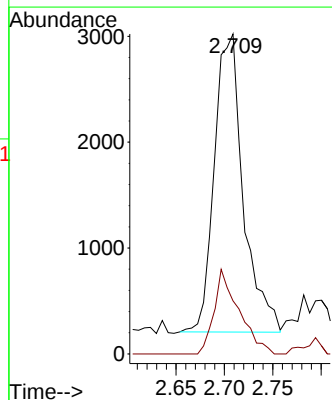
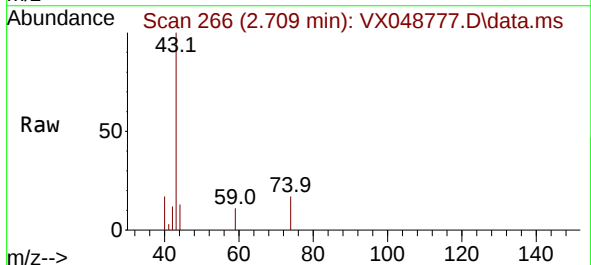
Instrument :
MSVOA_X
ClientSampleId :

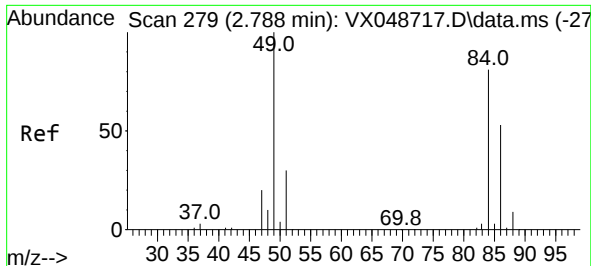
Tgt Ion: 76 Resp: 3152
Ion Ratio Lower Upper
76 100
78 13.0 7.4 11.2#



#18
Methyl Acetate
Concen: 2.738 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

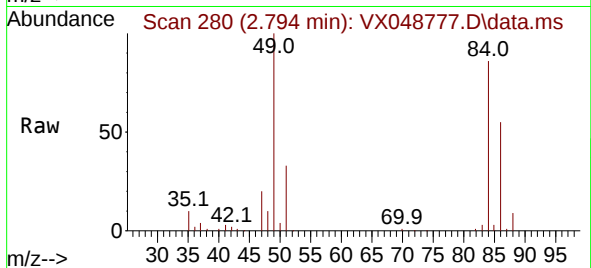
Tgt Ion: 43 Resp: 5839
Ion Ratio Lower Upper
43 100
74 24.4 19.2 28.8





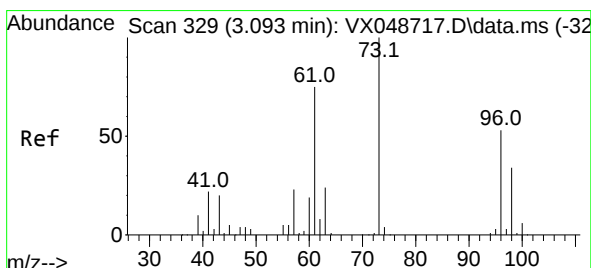
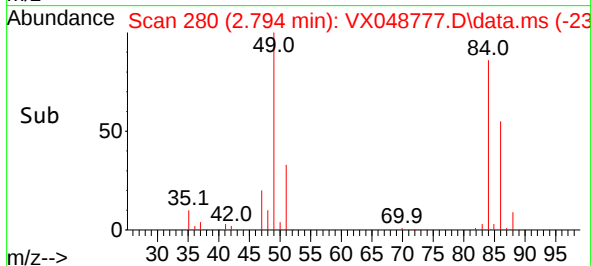
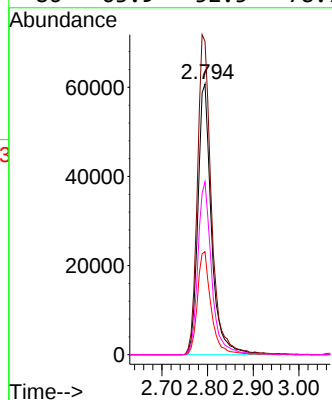
#20
Methylene Chloride
Concen: 66.311 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 125604

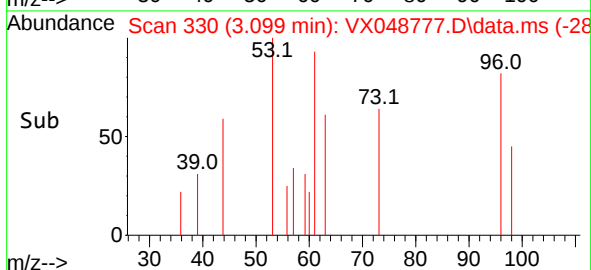
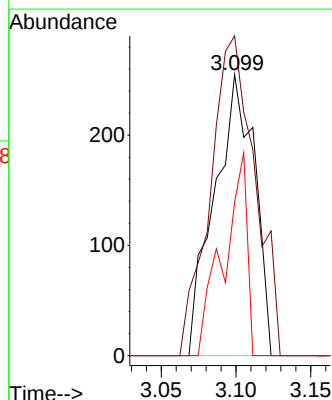
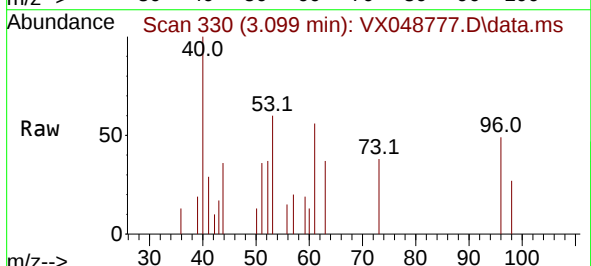
Ion	Ratio	Lower	Upper
84	100		
49	115.8	98.7	148.1
51	38.1	29.4	44.2
86	63.9	52.5	78.7

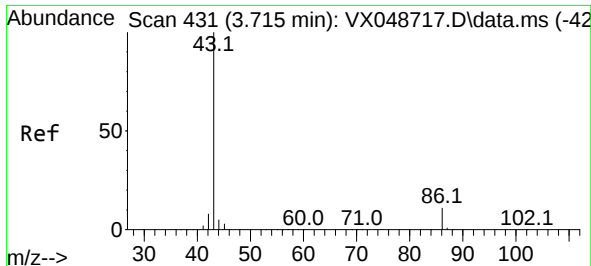


#21
trans-1,2-Dichloroethene
Concen: 0.272 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

Tgt Ion: 96 Resp: 475

Ion	Ratio	Lower	Upper
96	100		
61	113.7	112.8	169.2
98	54.5	51.0	76.4

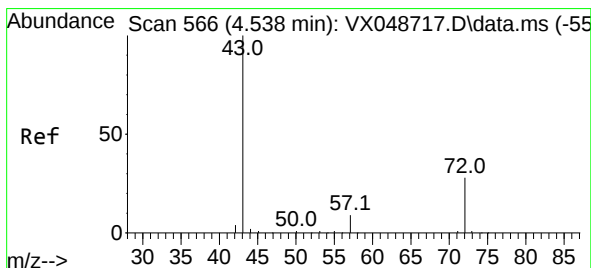
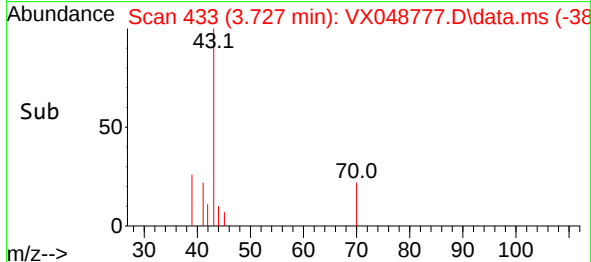
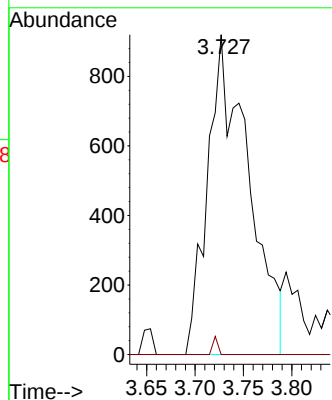
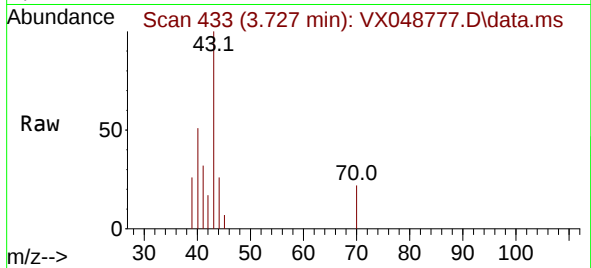




#23
 Vinyl Acetate
 Concen: 0.601 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX048777.D
 Acq: 09 Dec 2025 12:46

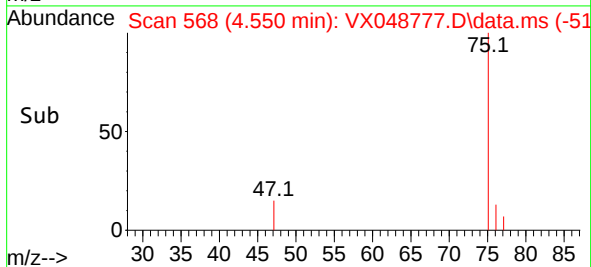
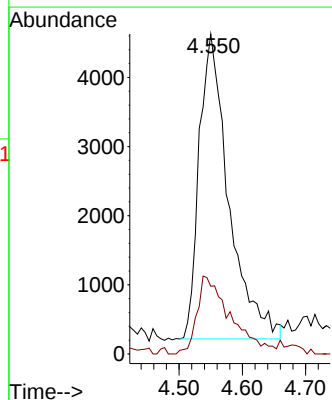
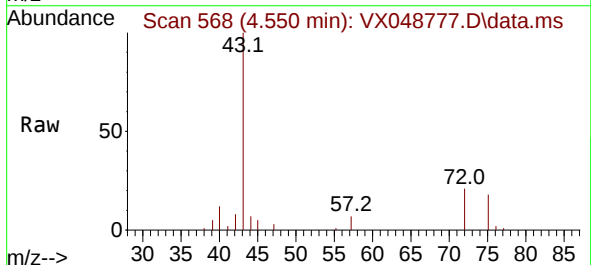
Instrument :
 MSVOA_X
 ClientSampleId :

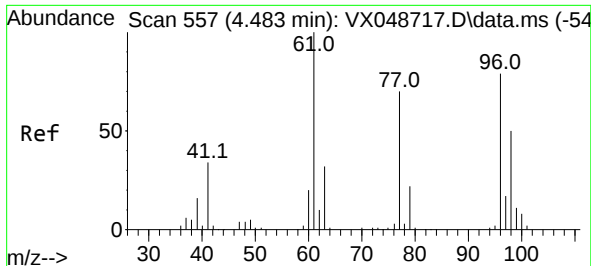
Tgt Ion: 43 Resp: 2714
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.2 13.8#



#25
 2-Butanone
 Concen: 12.829 ug/l
 RT: 4.550 min Scan# 568
 Delta R.T. 0.012 min
 Lab File: VX048777.D
 Acq: 09 Dec 2025 12:46

Tgt Ion: 43 Resp: 14349
 Ion Ratio Lower Upper
 43 100
 72 21.0 22.6 34.0#





#27

cis-1,2-Dichloroethene

Concen: 0.397 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX048777.D

Acq: 09 Dec 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

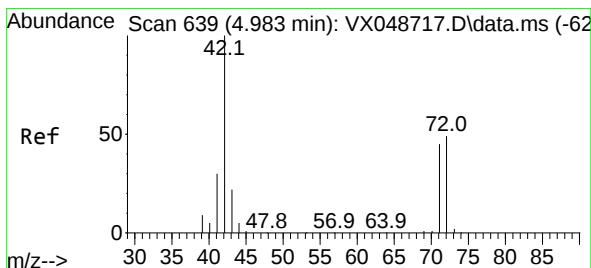
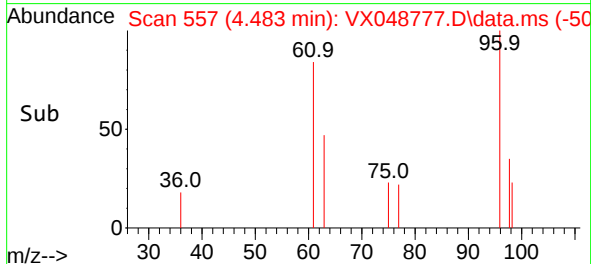
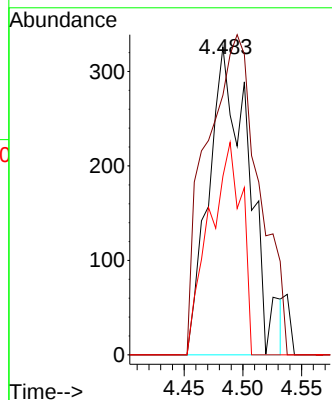
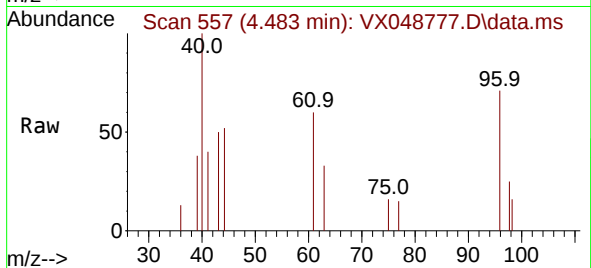
Tgt Ion: 96 Resp: 784

Ion Ratio Lower Upper

96 100

61 134.1 0.0 271.0

98 55.9 0.0 130.2



#29

Tetrahydrofuran

Concen: 1.417 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX048777.D

Acq: 09 Dec 2025 12:46

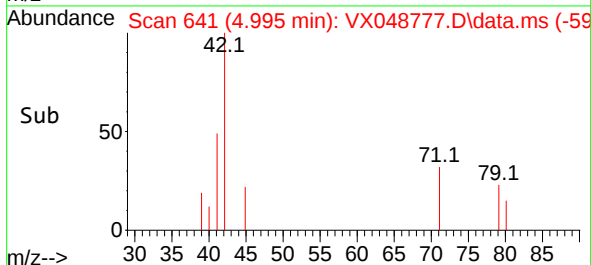
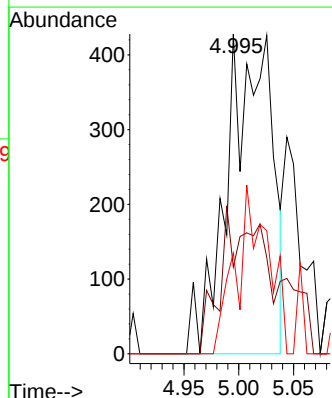
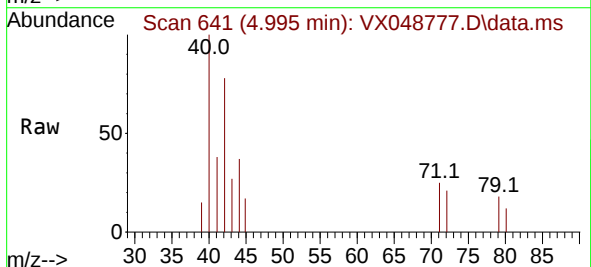
Tgt Ion: 42 Resp: 1210

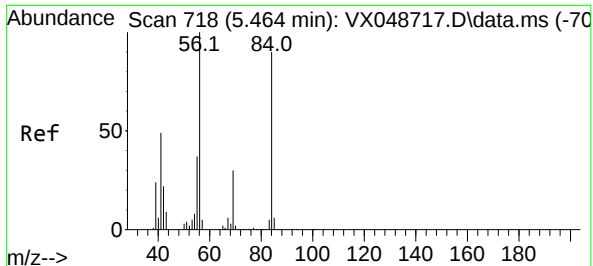
Ion Ratio Lower Upper

42 100

72 41.4 39.4 59.2

71 38.2 35.8 53.6

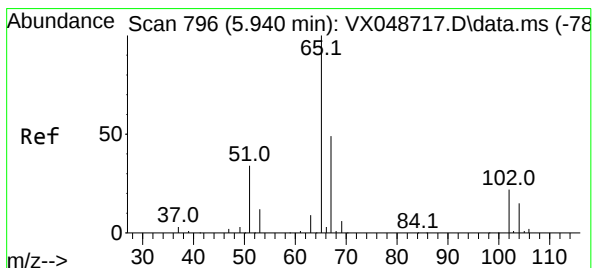
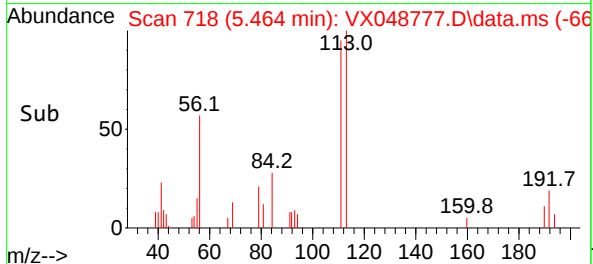
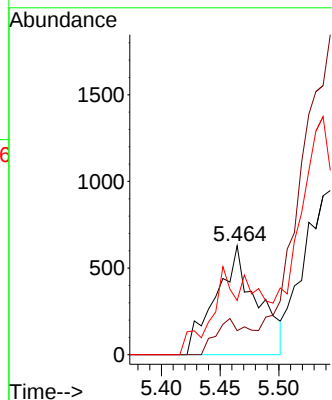
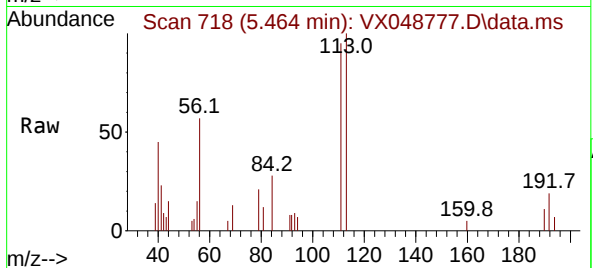




#31
Cyclohexane
Concen: 0.572 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

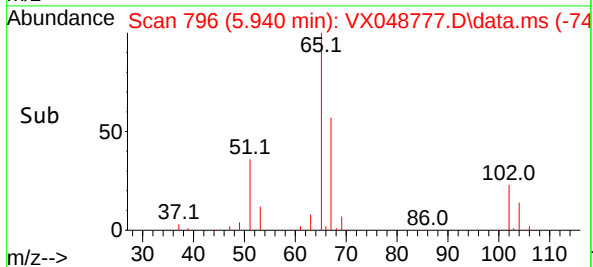
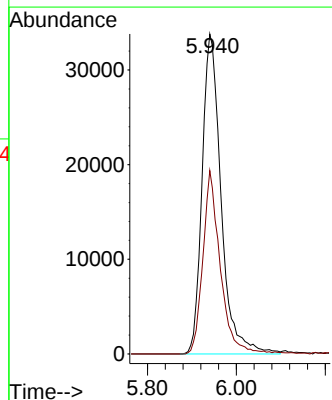
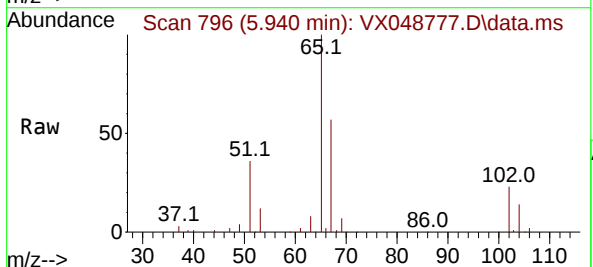
Instrument :
MSVOA_X
ClientSampleId :

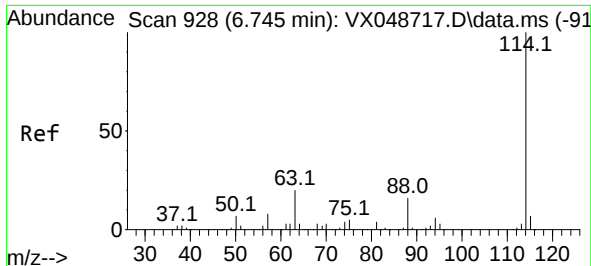
Tgt Ion: 56 Resp: 1530
Ion Ratio Lower Upper
56 100
69 22.1 24.2 36.2#
84 49.8 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 50.821 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

Tgt Ion: 65 Resp: 100604
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.4

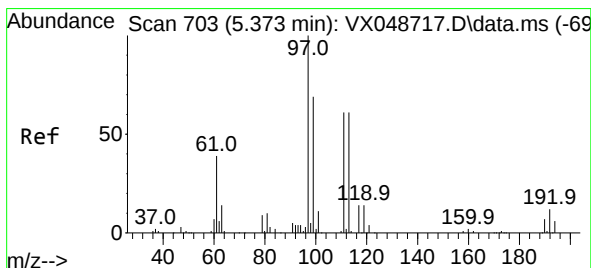
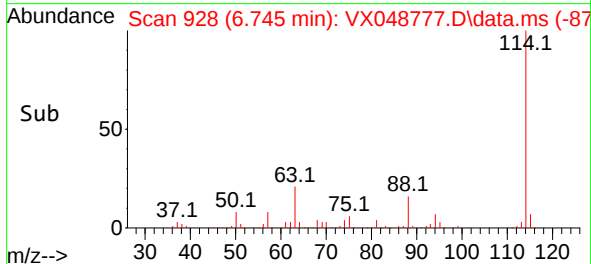
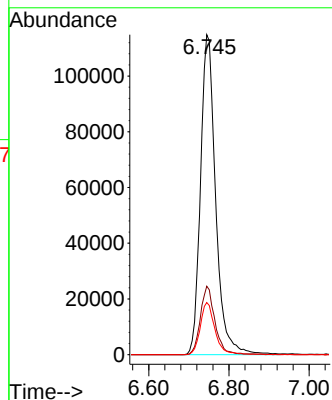
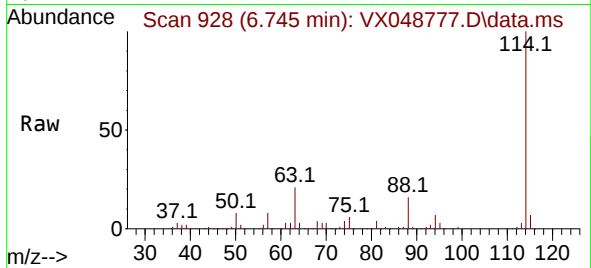




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

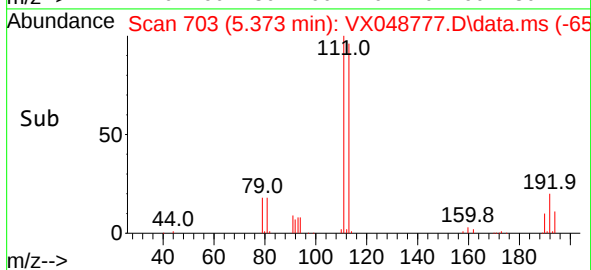
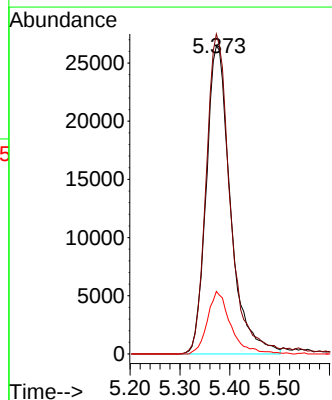
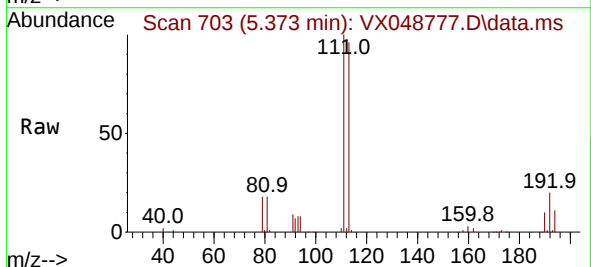
Instrument :
MSVOA_X
ClientSampleId :

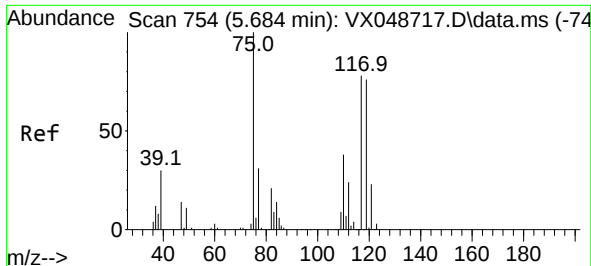
Tgt Ion:114 Resp: 302073
Ion Ratio Lower Upper
114 100
63 21.4 0.0 39.0
88 16.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 42.966 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

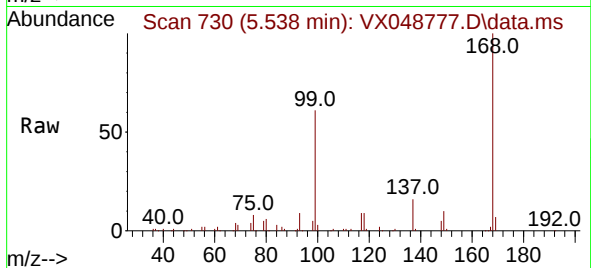
Tgt Ion:113 Resp: 89364
Ion Ratio Lower Upper
113 100
111 102.6 79.5 119.3
192 19.5 16.1 24.1



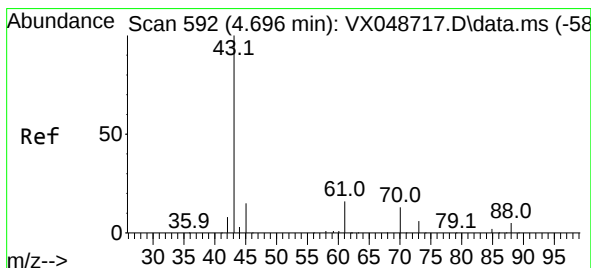
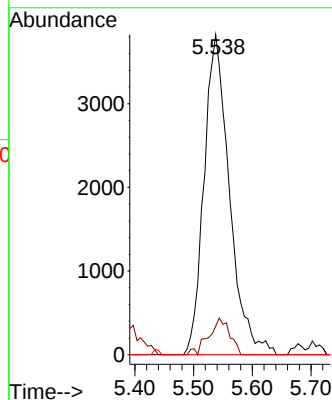
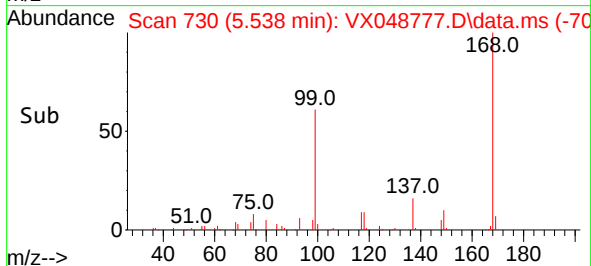


#36
1,1-Dichloropropene
Concen: 4.037 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

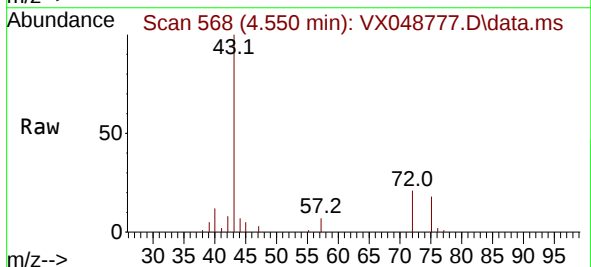
Instrument :
MSVOA_X
ClientSampleId :



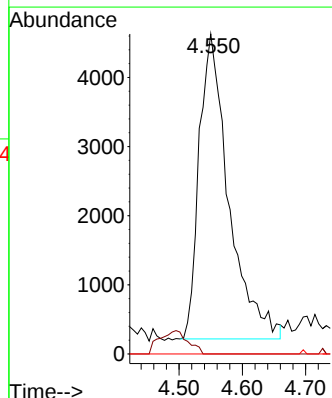
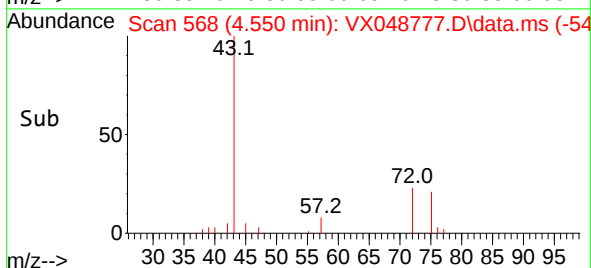
Tgt Ion: 75 Resp: 11500
Ion Ratio Lower Upper
75 100
110 9.5 18.6 55.8#
77 0.0 25.3 37.9#

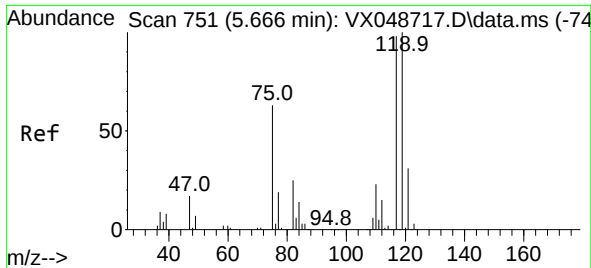


#37
Ethyl Acetate
Concen: 4.215 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.146 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46



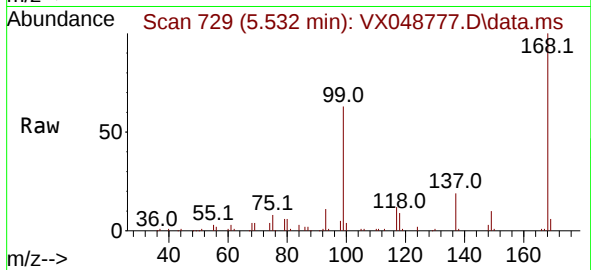
Tgt Ion: 43 Resp: 14349
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 8.2 12.4#



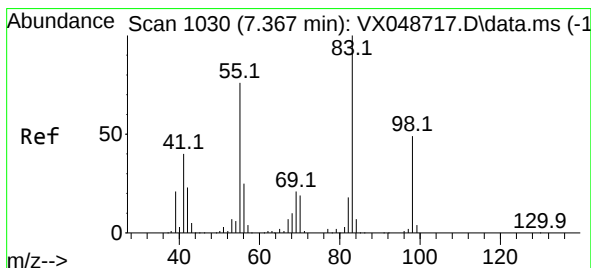
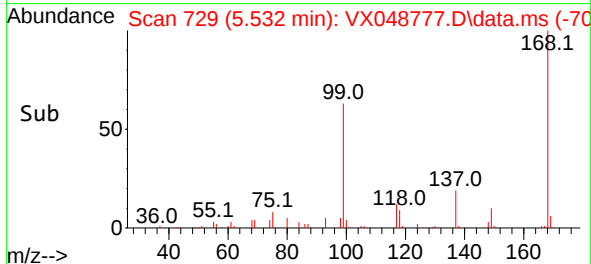
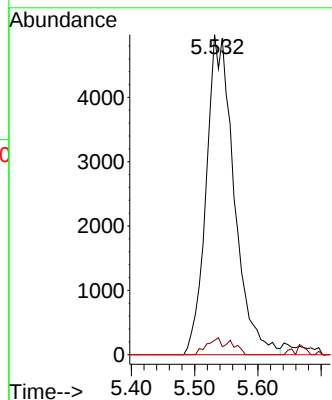


#38
Carbon Tetrachloride
Concen: 4.723 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :

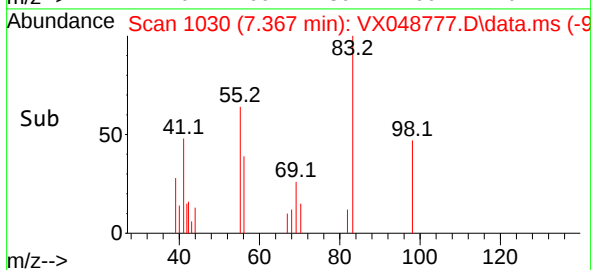
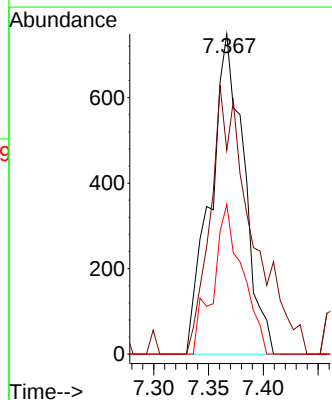
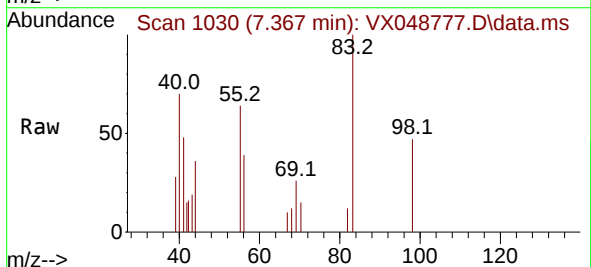


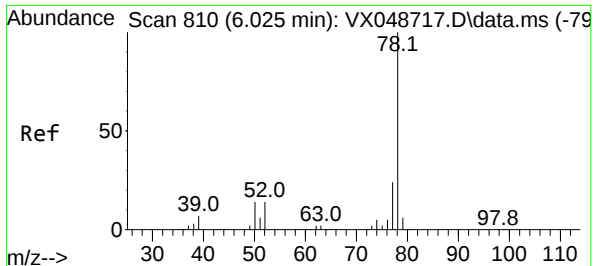
Tgt Ion:117 Resp: 15239
Ion Ratio Lower Upper
117 100
119 4.5 80.5 120.7#
121 0.0 25.4 38.0#



#39
Methylcyclohexane
Concen: 0.472 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

Tgt Ion: 83 Resp: 1589
Ion Ratio Lower Upper
83 100
55 63.7 60.6 90.8
98 46.7 39.3 58.9





#40

Benzene

Concen: 104.624 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX048777.D

Acq: 09 Dec 2025 12:46

Instrument :

MSVOA_X

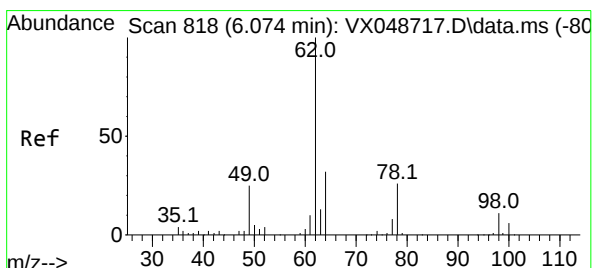
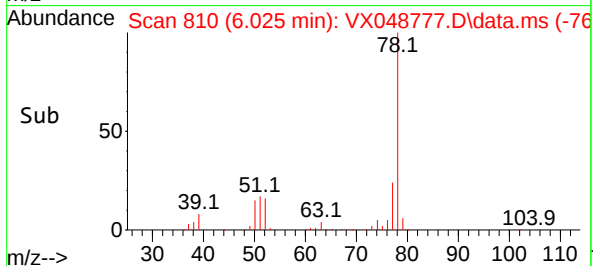
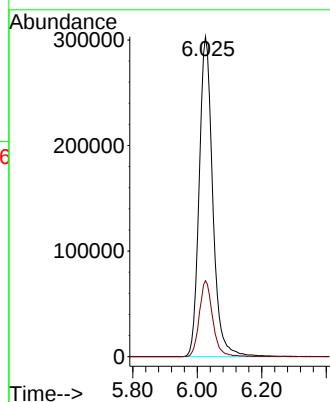
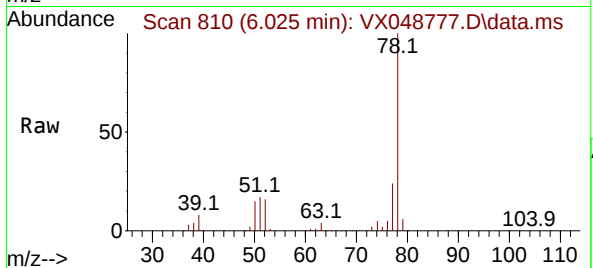
ClientSampleId :

Tgt Ion: 78 Resp: 883540

Ion Ratio Lower Upper

78 100

77 23.7 18.8 28.2



#42

1,2-Dichloroethane

Concen: 2.489 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.055 min

Lab File: VX048777.D

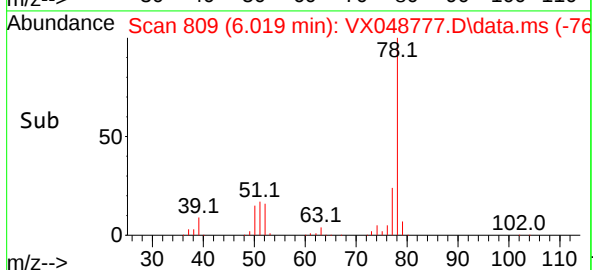
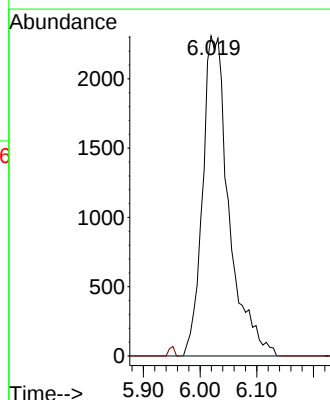
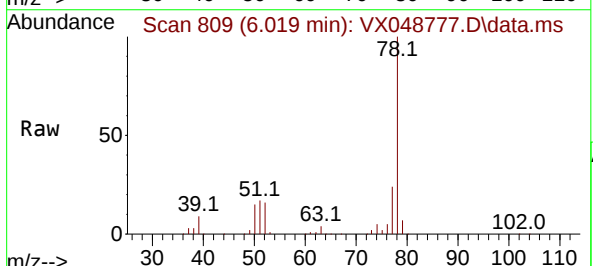
Acq: 09 Dec 2025 12:46

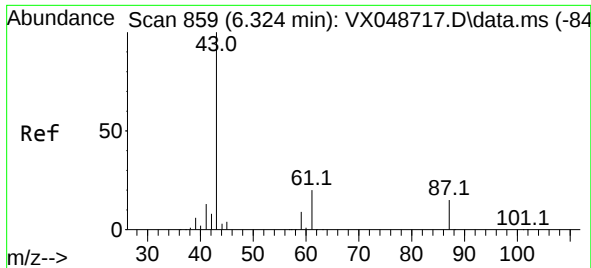
Tgt Ion: 62 Resp: 7439

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2

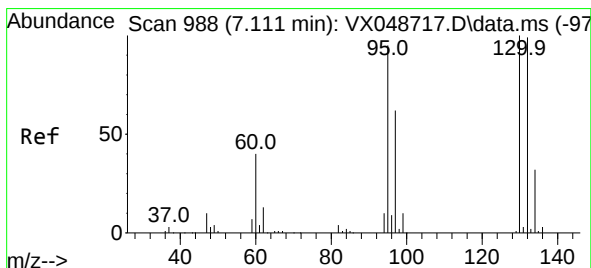
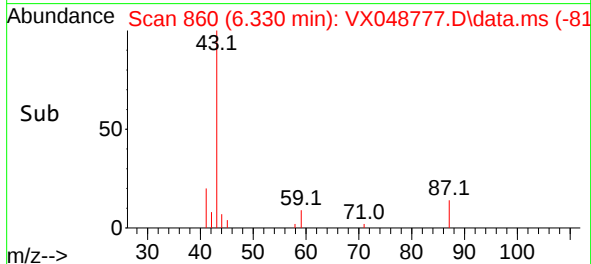
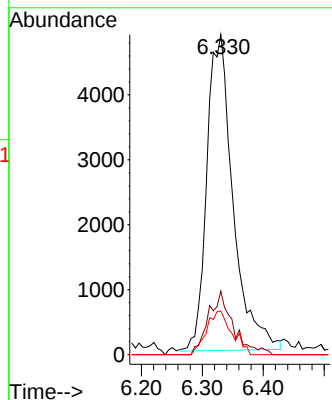
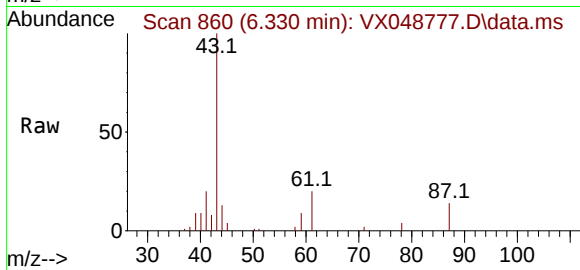




#43
Isopropyl Acetate
Concen: 2.827 ug/l
RT: 6.330 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

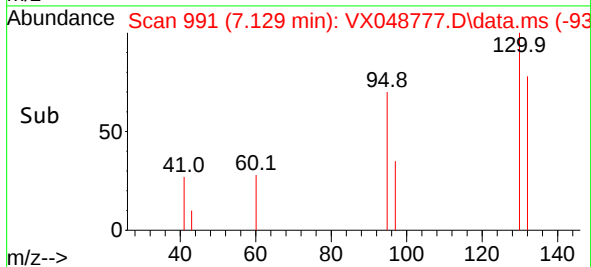
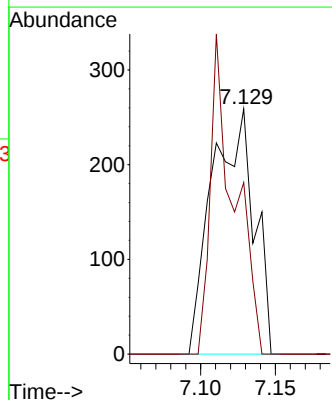
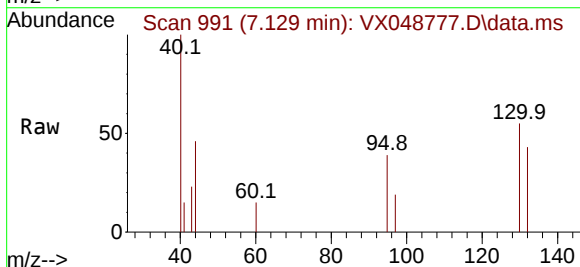
Instrument :
MSVOA_X
ClientSampleId :

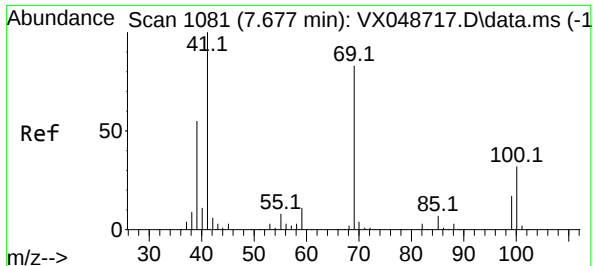
Tgt Ion: 43 Resp: 14570
Ion Ratio Lower Upper
43 100
61 18.9 16.8 25.2
87 13.3 11.8 17.6



#44
Trichloroethene
Concen: 0.230 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.018 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

Tgt Ion:130 Resp: 507
Ion Ratio Lower Upper
130 100
95 69.9 0.0 189.6





#48

Methyl methacrylate

Concen: 21.381 ug/l

RT: 7.781 min Scan# 1098

Delta R.T. 0.104 min

Lab File: VX048777.D

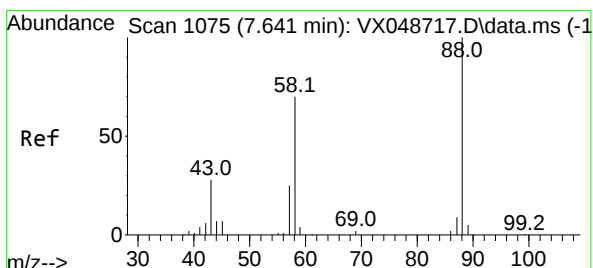
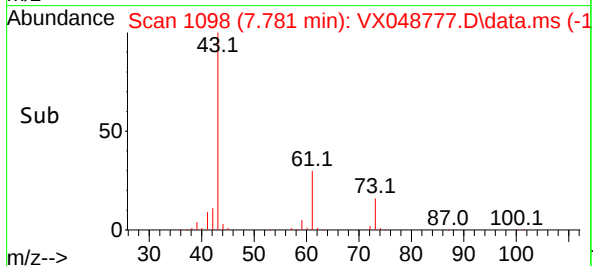
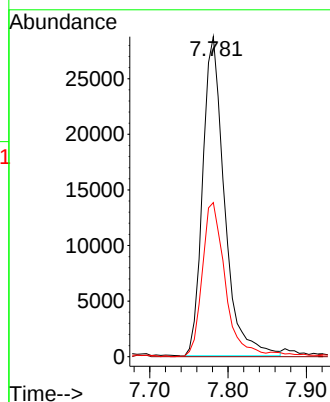
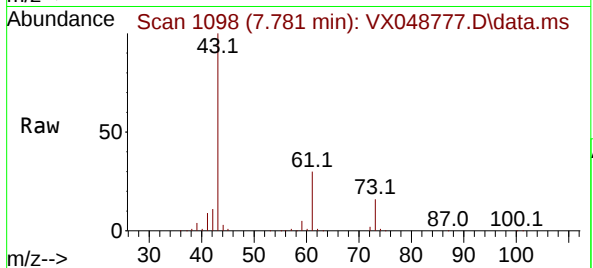
Acq: 09 Dec 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 41	Resp: 55436
Ion Ratio	Lower Upper
41	100
69	0.0 68.5 102.7#
39	50.5 43.5 65.3



#49

1,4-Dioxane

Concen: 2.356 ug/l

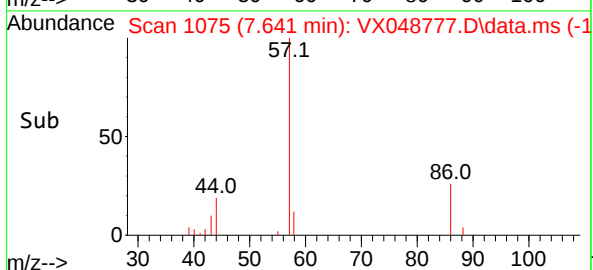
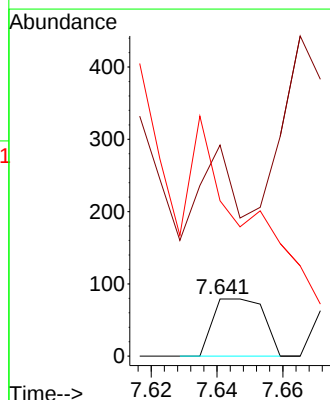
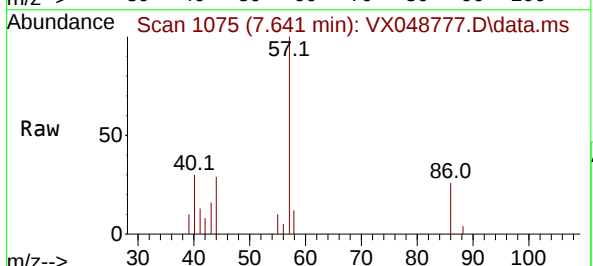
RT: 7.641 min Scan# 1075

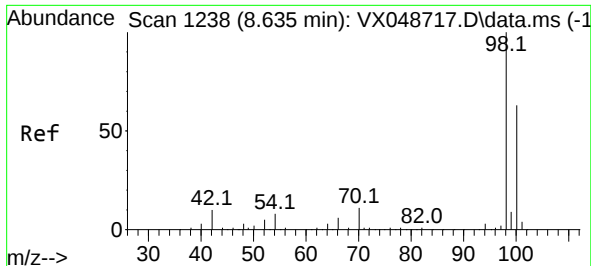
Delta R.T. 0.000 min

Lab File: VX048777.D

Acq: 09 Dec 2025 12:46

Tgt Ion: 88	Resp: 84
Ion Ratio	Lower Upper
88	100
43	0.0 28.6 43.0#
58	0.0 58.0 87.0#

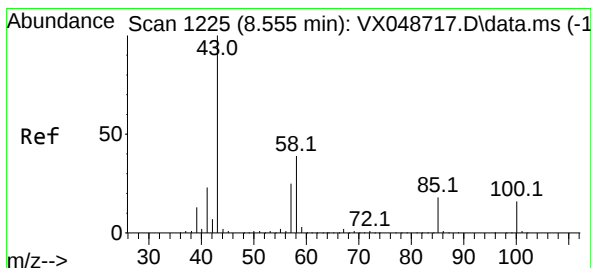
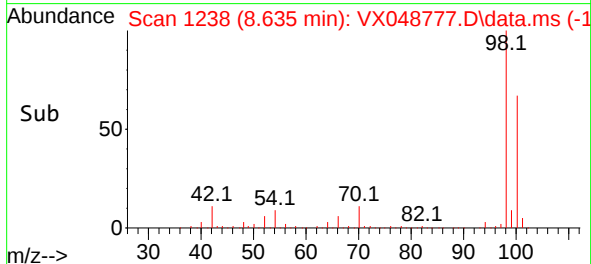
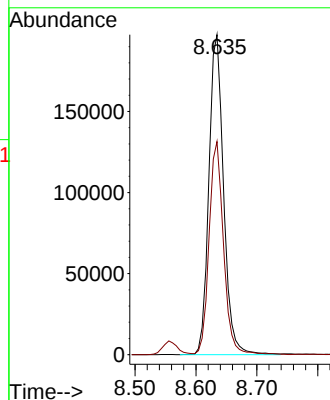
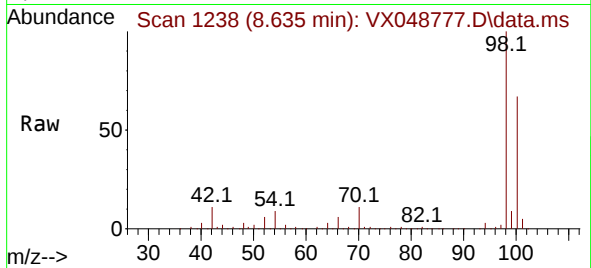




#50
Toluene-d8
Concen: 45.446 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

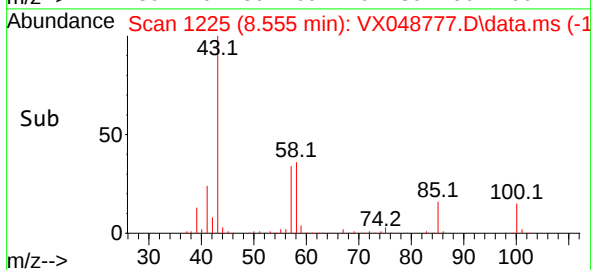
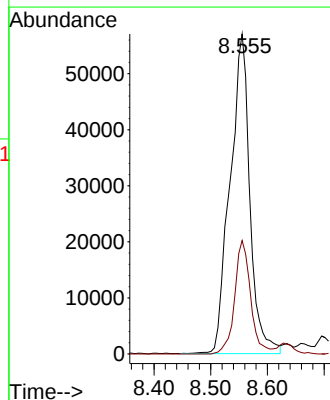
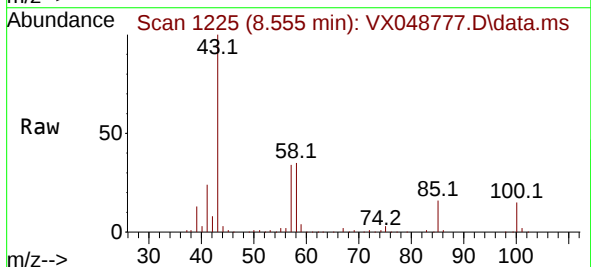
Instrument :
MSVOA_X
ClientSampleId :

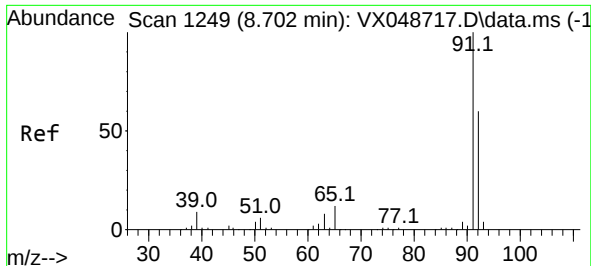
Tgt Ion: 98 Resp: 331334
Ion Ratio Lower Upper
98 100
100 65.2 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 43.305 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

Tgt Ion: 43 Resp: 138543
Ion Ratio Lower Upper
43 100
58 28.5 32.2 48.4#

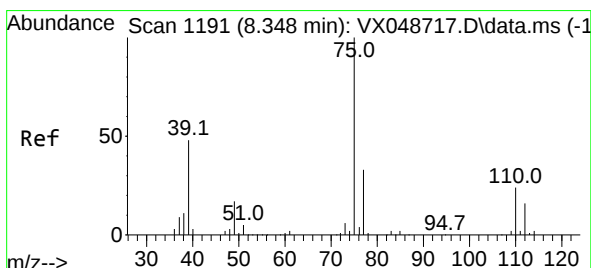
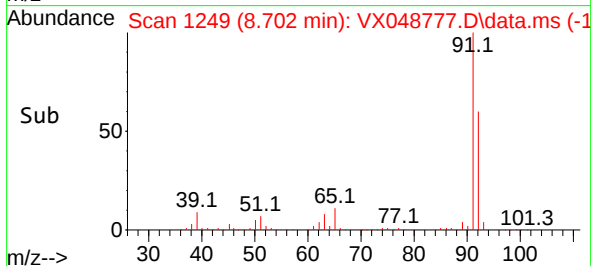
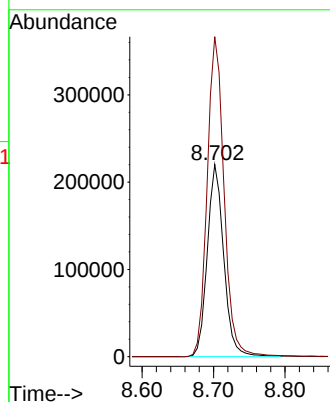
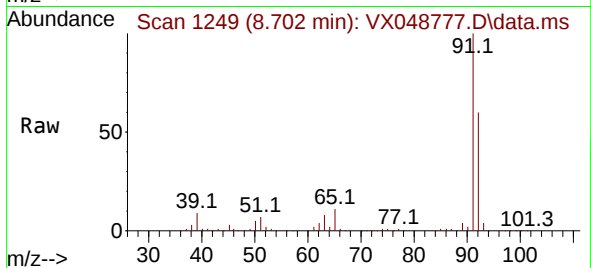




#52
Toluene
Concen: 69.215 ug/l
RT: 8.702 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

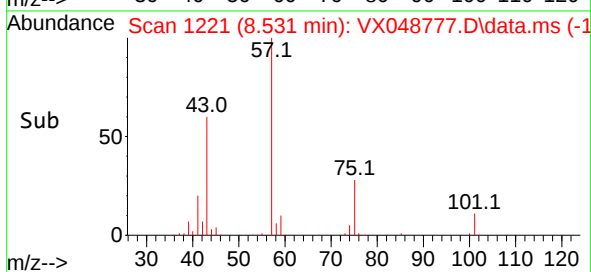
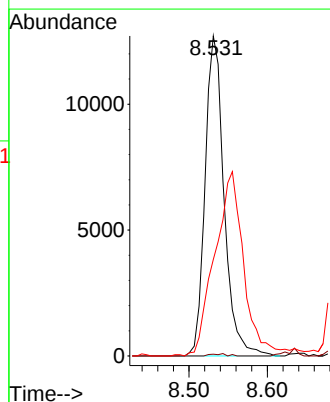
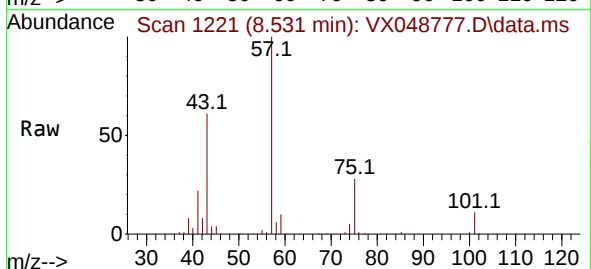
Instrument :
MSVOA_X
ClientSampleId :

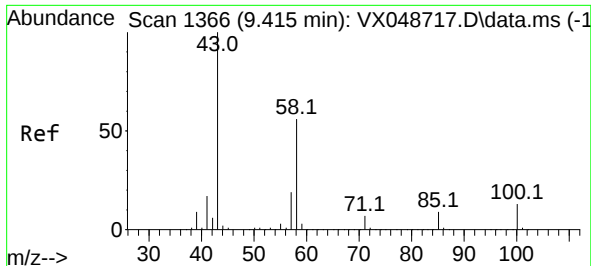
Tgt Ion: 92 Resp: 352467
Ion Ratio Lower Upper
92 100
91 171.0 136.3 204.5



#54
cis-1,3-Dichloropropene
Concen: 6.260 ug/l
RT: 8.531 min Scan# 1221
Delta R.T. 0.183 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

Tgt Ion: 75 Resp: 21361
Ion Ratio Lower Upper
75 100
77 0.6 26.1 39.1#
39 29.8 38.2 57.4#





#59

2-Hexanone

Concen: 1.805 ug/l

RT: 9.415 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048777.D

Acq: 09 Dec 2025 12:46

Instrument :

MSVOA_X

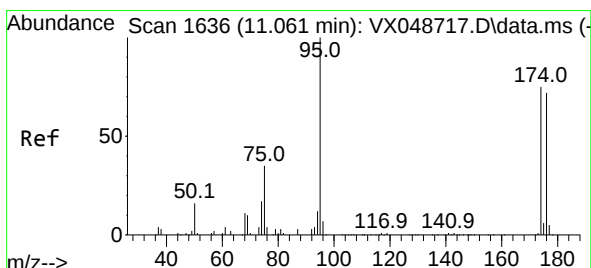
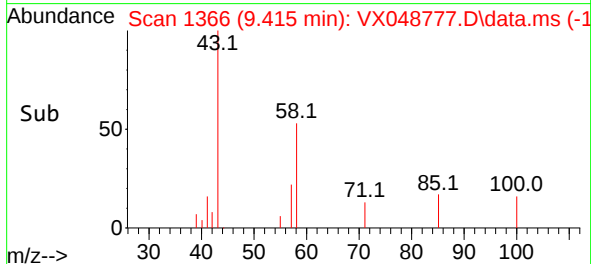
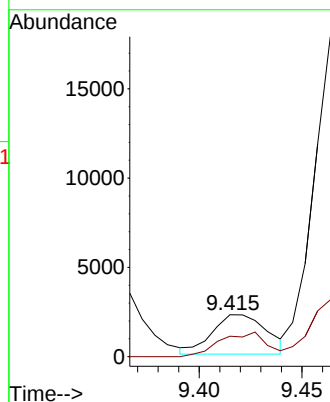
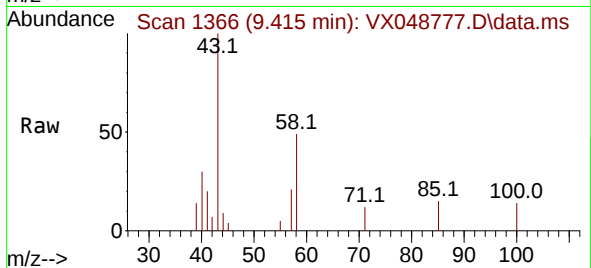
ClientSampleId :

Tgt Ion: 43 Resp: 4053

Ion Ratio Lower Upper

43 100

58 53.2 27.8 83.4



#62

4-Bromofluorobenzene

Concen: 57.552 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.000 min

Lab File: VX048777.D

Acq: 09 Dec 2025 12:46

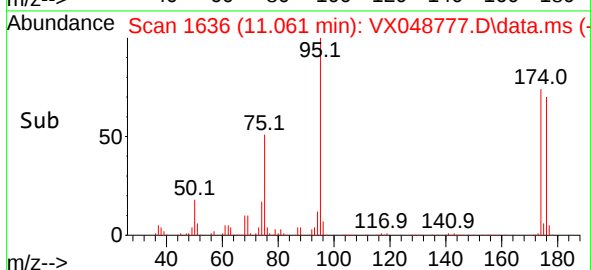
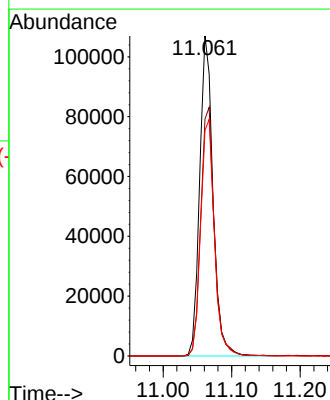
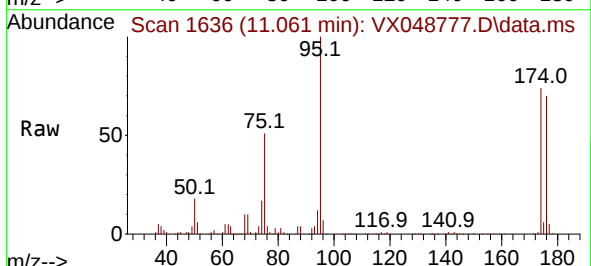
Tgt Ion: 95 Resp: 144689

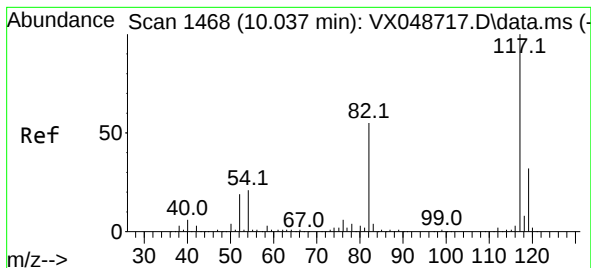
Ion Ratio Lower Upper

95 100

174 79.7 0.0 157.8

176 75.7 0.0 154.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX048777.D

Acq: 09 Dec 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

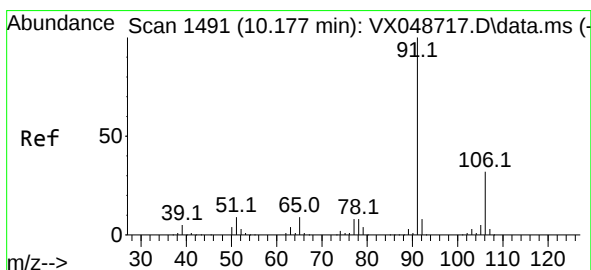
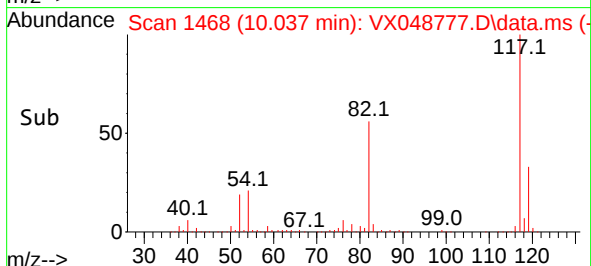
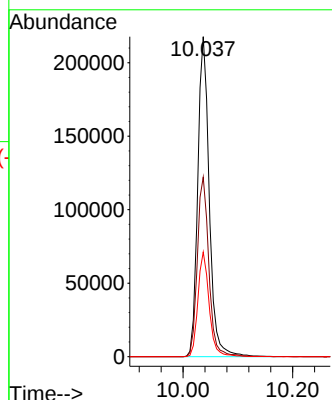
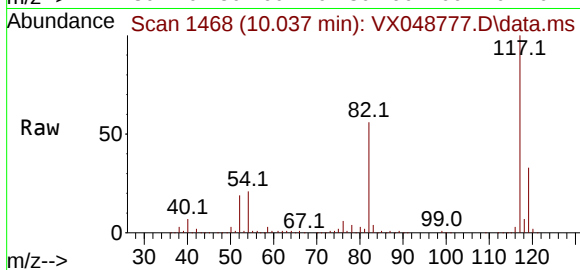
Tgt Ion:117 Resp: 319088

Ion Ratio Lower Upper

117 100

82 56.1 44.1 66.1

119 32.7 25.2 37.8



#67

Ethyl Benzene

Concen: 3.301 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VX048777.D

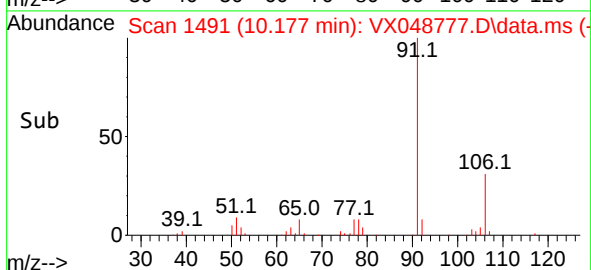
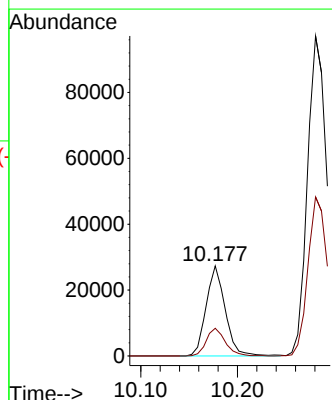
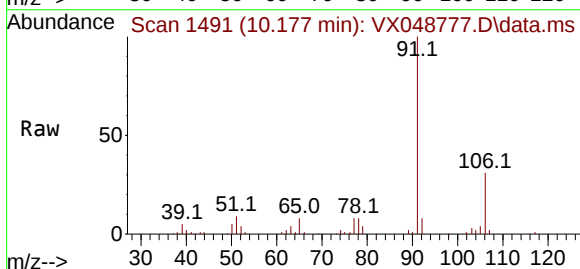
Acq: 09 Dec 2025 12:46

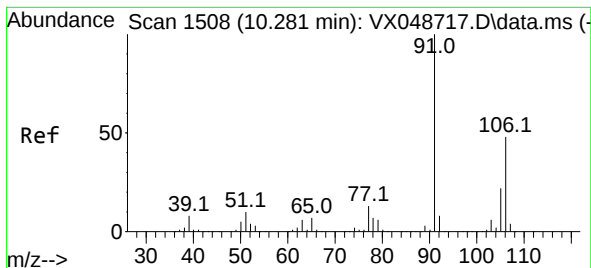
Tgt Ion: 91 Resp: 37618

Ion Ratio Lower Upper

91 100

106 30.7 25.3 37.9





#68

m/p-Xylenes

Concen: 15.653 ug/l

RT: 10.281 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VX048777.D

Acq: 09 Dec 2025 12:46

Instrument :

MSVOA_X

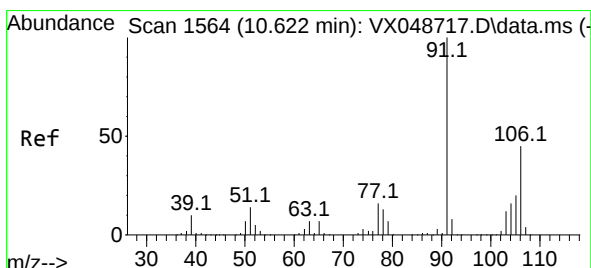
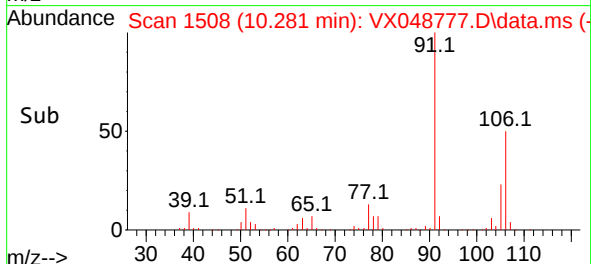
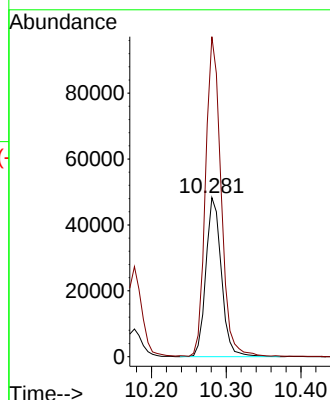
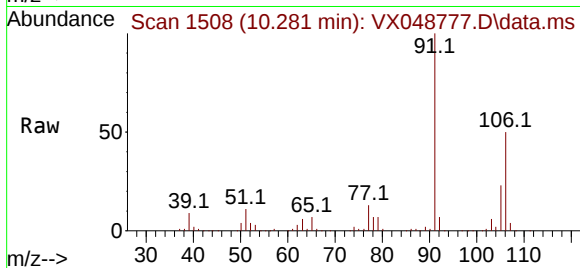
ClientSampleId :

Tgt Ion:106 Resp: 69491

Ion Ratio Lower Upper

106 100

91 202.6 164.2 246.4



#69

o-Xylene

Concen: 10.957 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. 0.000 min

Lab File: VX048777.D

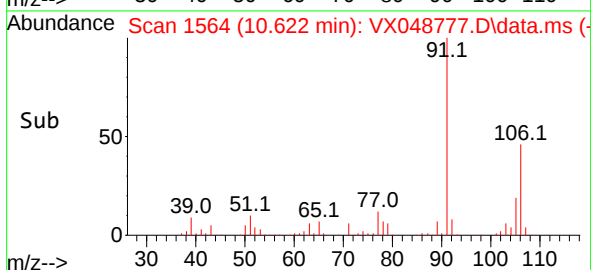
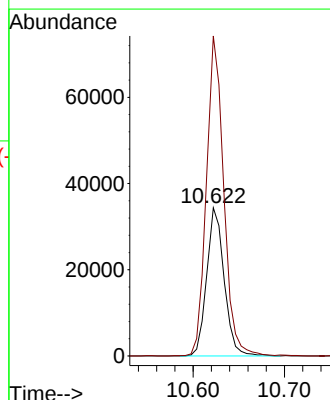
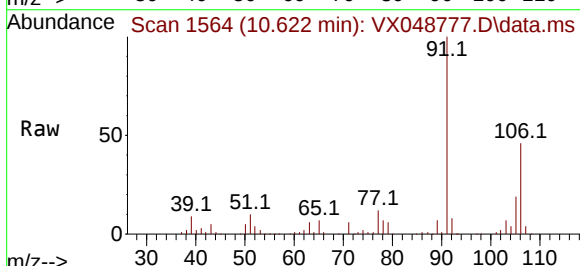
Acq: 09 Dec 2025 12:46

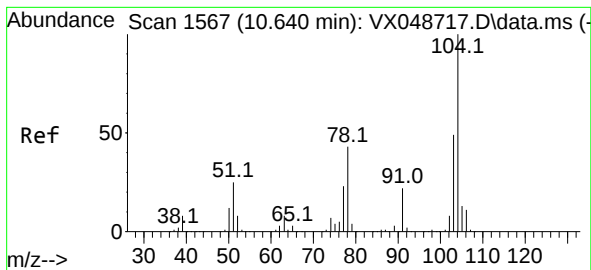
Tgt Ion:106 Resp: 45583

Ion Ratio Lower Upper

106 100

91 214.0 108.1 324.3





#70

Styrene

Concen: 2.198 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048777.D

Acq: 09 Dec 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

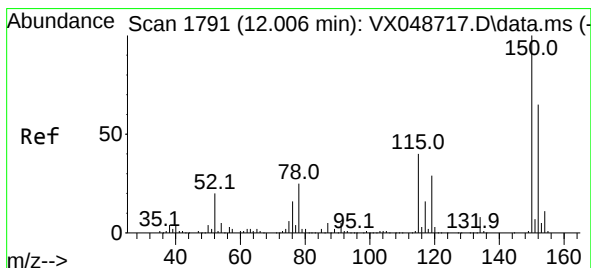
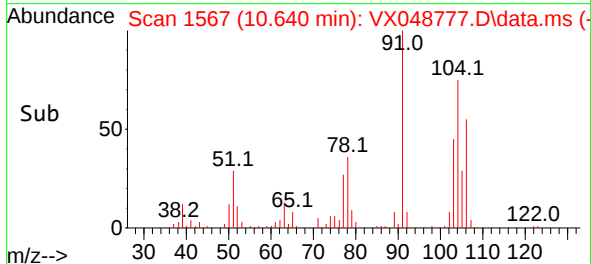
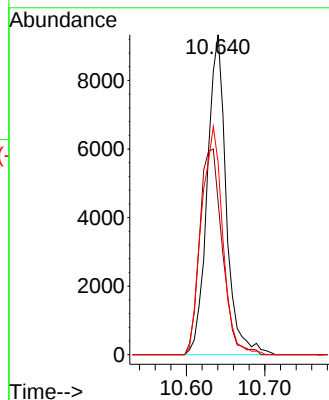
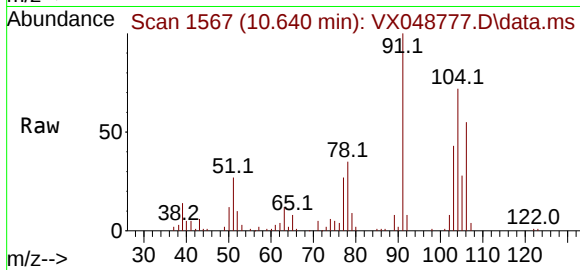
Tgt Ion:104 Resp: 15695

Ion Ratio Lower Upper

104 100

78 76.7 40.6 60.8#

103 80.1 43.4 65.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX048777.D

Acq: 09 Dec 2025 12:46

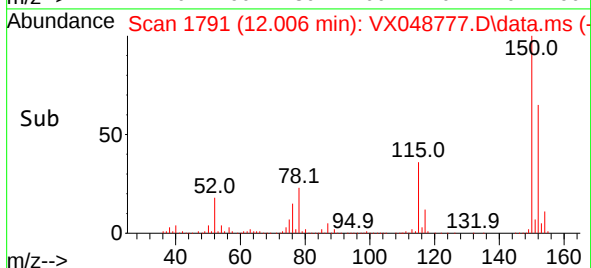
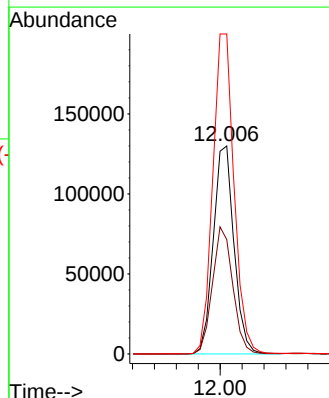
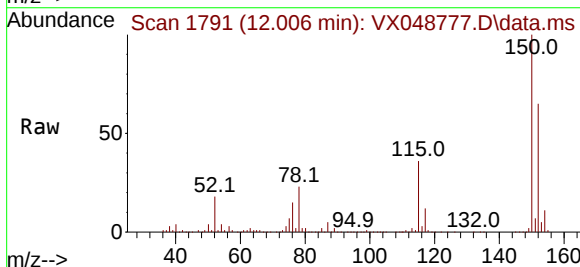
Tgt Ion:152 Resp: 170447

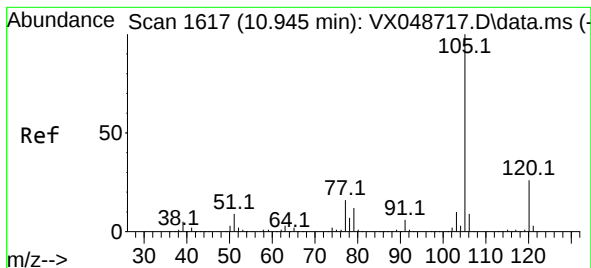
Ion Ratio Lower Upper

152 100

115 60.1 42.1 126.4

150 158.7 0.0 347.8





#73

Isopropylbenzene

Concen: 0.315 ug/l

RT: 10.945 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048777.D

Acq: 09 Dec 2025 12:46

Instrument :

MSVOA_X

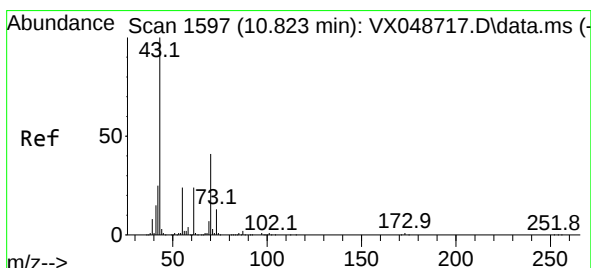
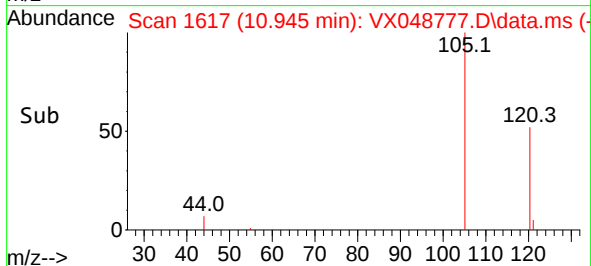
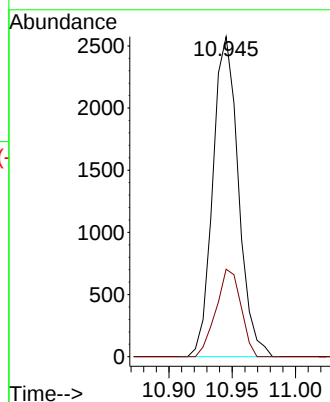
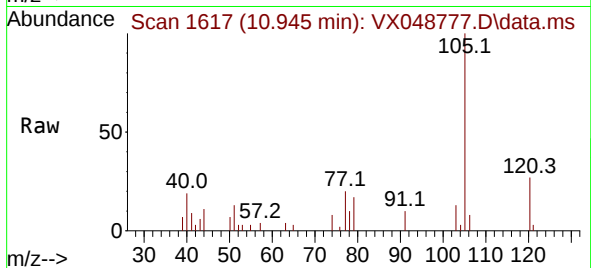
ClientSampleId :

Tgt Ion:105 Resp: 3616

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



#74

N-ethyl acetate

Concen: 0.288 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.018 min

Lab File: VX048777.D

Acq: 09 Dec 2025 12:46

Tgt Ion: 43 Resp: 1436

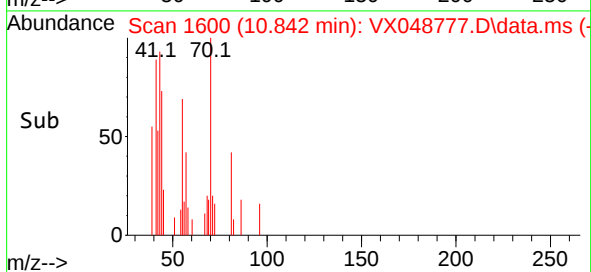
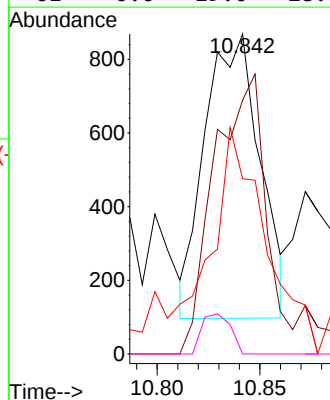
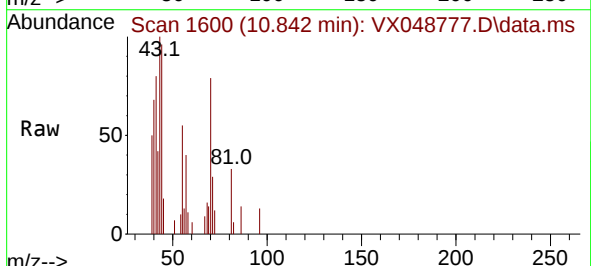
Ion Ratio Lower Upper

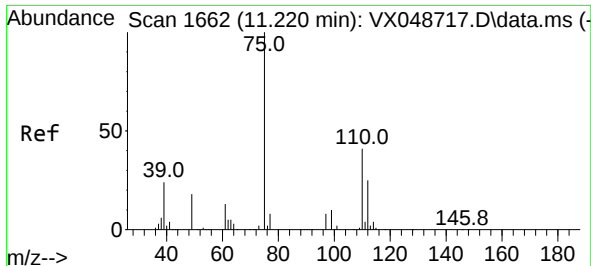
43 100

70 91.8 33.9 50.9#

55 86.6 19.1 28.7#

61 0.0 19.0 28.6#

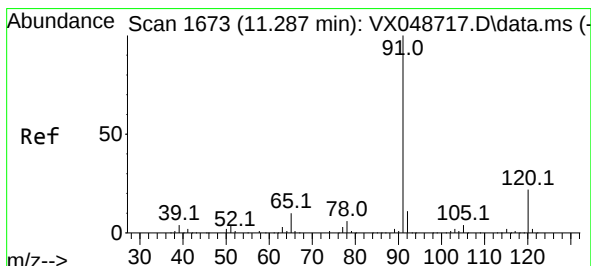
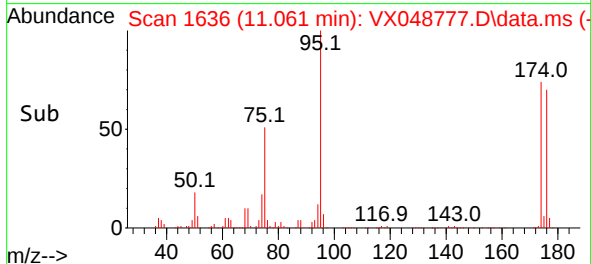
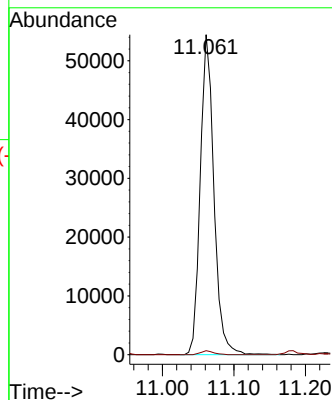
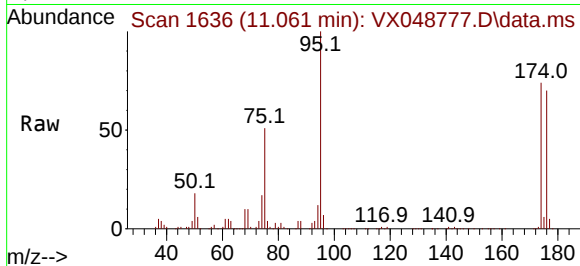




#76
1,2,3-Trichloropropane
Concen: 22.725 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

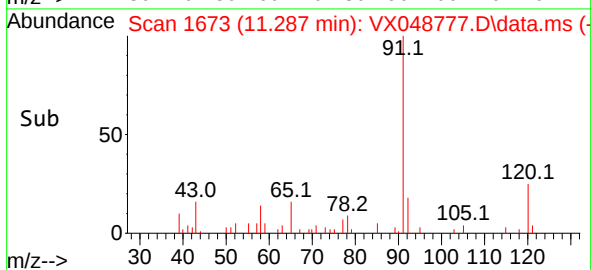
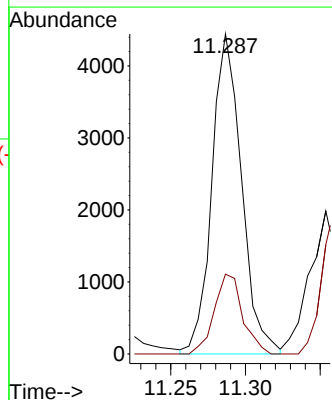
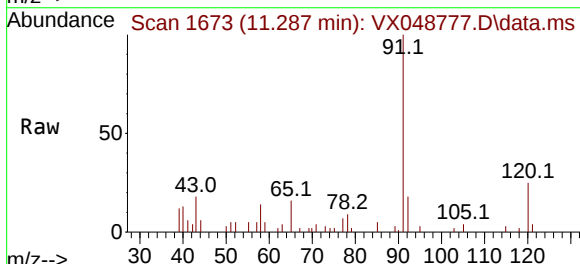
Instrument :
MSVOA_X
ClientSampleId :

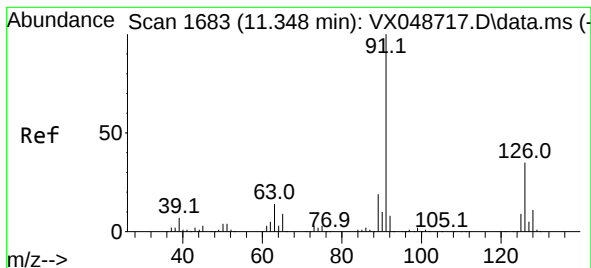
Tgt Ion: 75 Resp: 72145
Ion Ratio Lower Upper
75 100
77 1.2 24.3 73.0#



#78
n-propylbenzene
Concen: 0.460 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

Tgt Ion: 91 Resp: 6122
Ion Ratio Lower Upper
91 100
120 23.8 11.4 34.2





#79

2-Chlorotoluene

Concen: 0.428 ug/l

RT: 11.354 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX048777.D

Acq: 09 Dec 2025 12:46

Instrument :

MSVOA_X

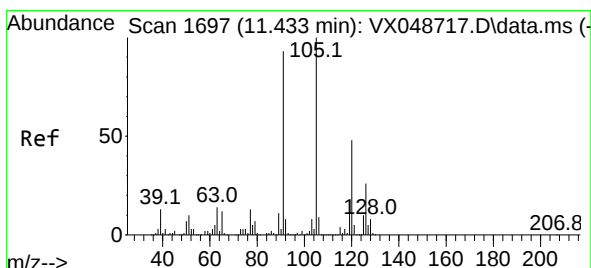
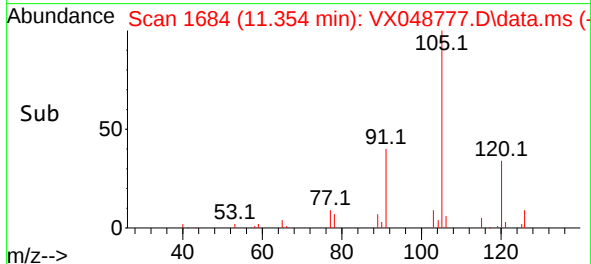
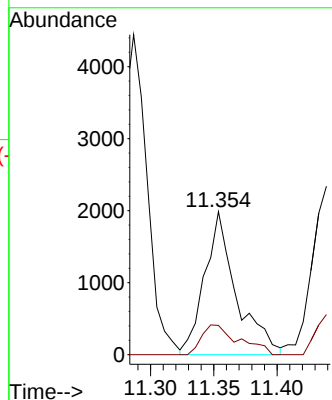
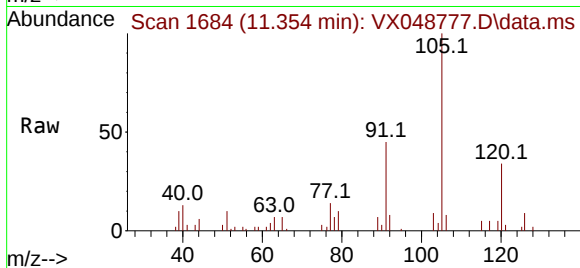
ClientSampleId :

Tgt Ion: 91 Resp: 3476

Ion Ratio Lower Upper

91 100

126 24.4 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 1.071 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VX048777.D

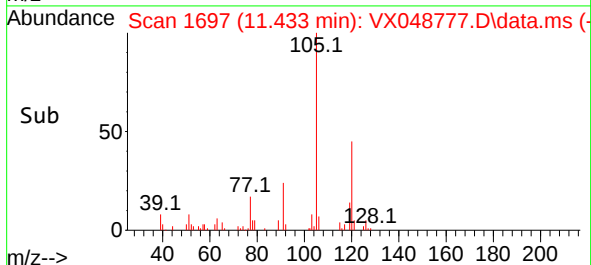
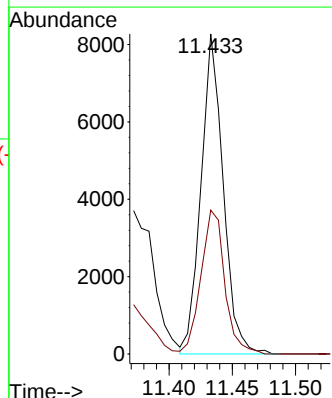
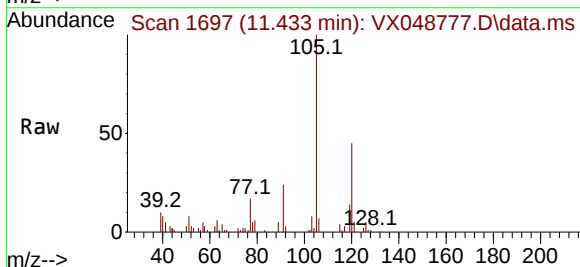
Acq: 09 Dec 2025 12:46

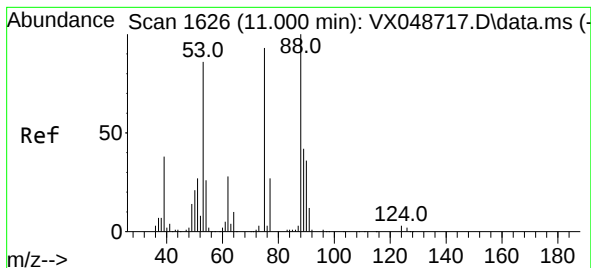
Tgt Ion:105 Resp: 10109

Ion Ratio Lower Upper

105 100

120 48.3 24.4 73.2

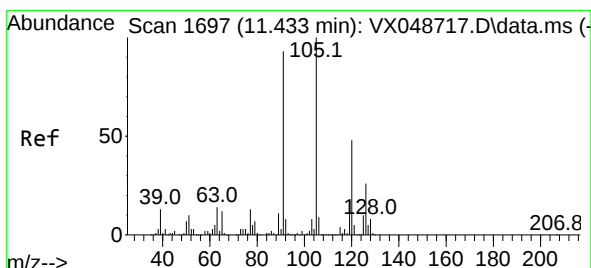
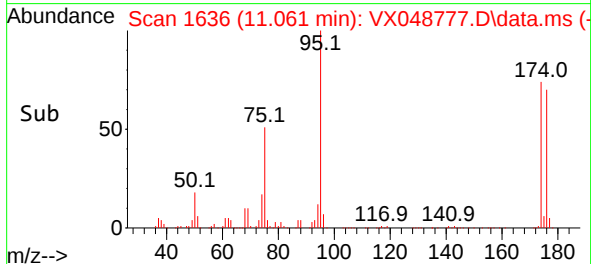
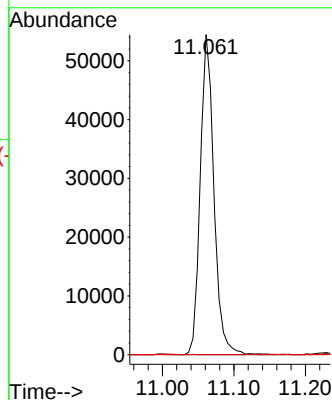
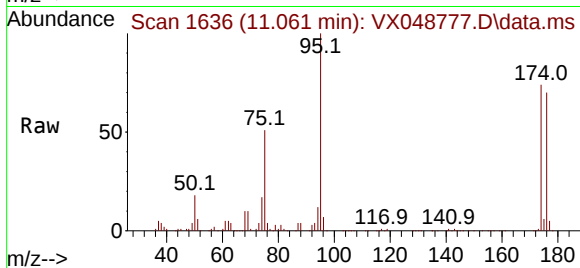




#81
trans-1,4-Dichloro-2-butene
Concen: 53.982 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

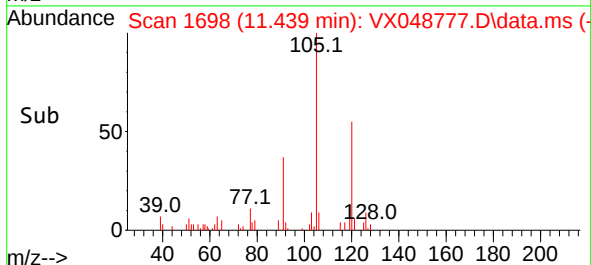
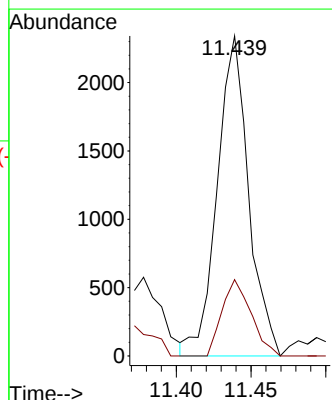
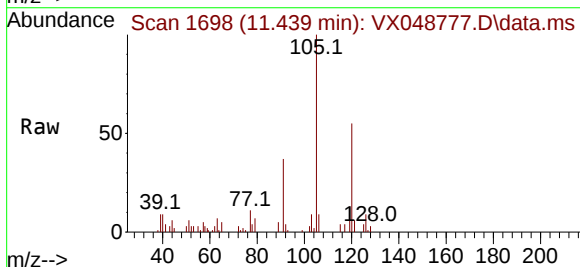
Instrument :
MSVOA_X
ClientSampleId :

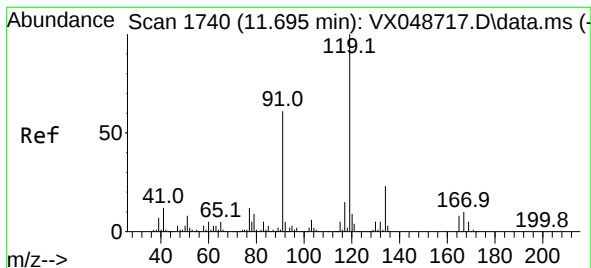
Tgt Ion: 75 Resp: 72145
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.0 67.1 100.7#



#82
4-Chlorotoluene
Concen: 0.360 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

Tgt Ion: 91 Resp: 3412
Ion Ratio Lower Upper
91 100
126 22.1 14.7 44.1





#83

tert-Butylbenzene

Concen: 0.316 ug/l

RT: 11.701 min Scan# 1741

Delta R.T. 0.006 min

Lab File: VX048777.D

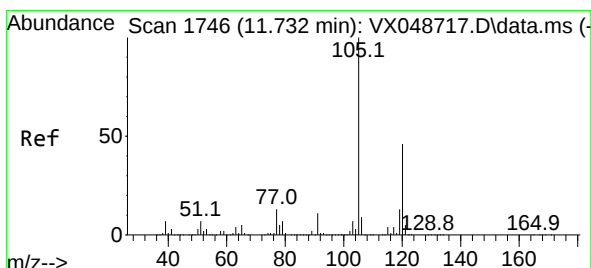
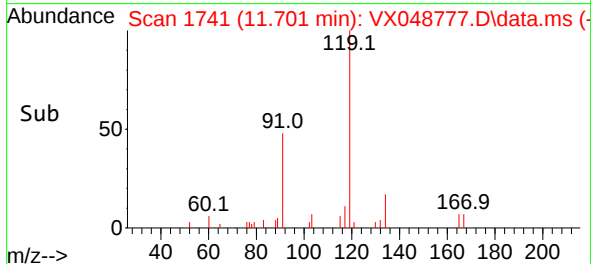
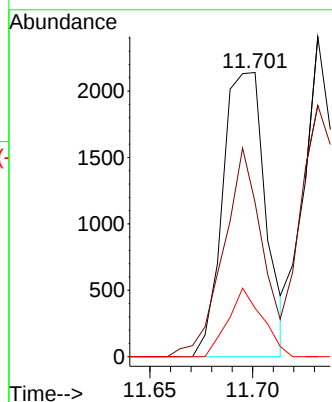
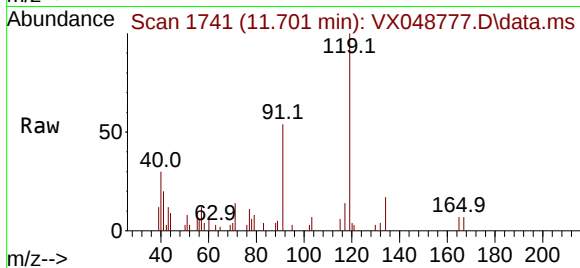
Acq: 09 Dec 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:119	Resp:	3102
Ion	Ratio	Lower Upper
119	100	
91	66.5	28.4 85.2
134	19.4	11.2 33.5



#84

1,2,4-Trimethylbenzene

Concen: 4.324 ug/l

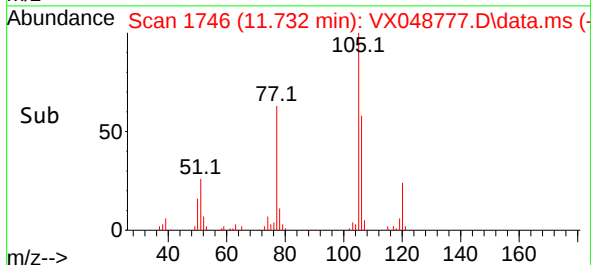
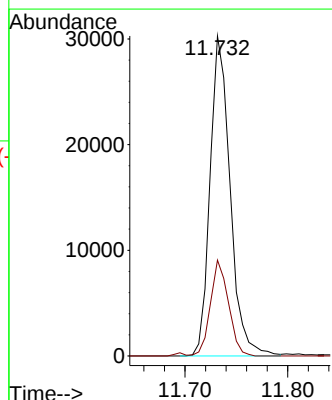
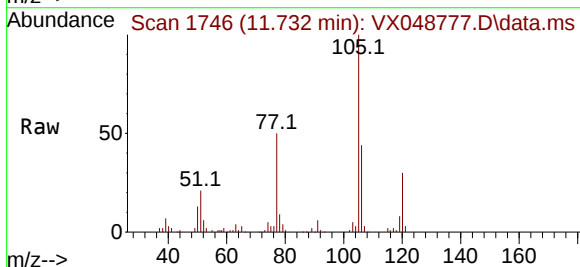
RT: 11.732 min Scan# 1746

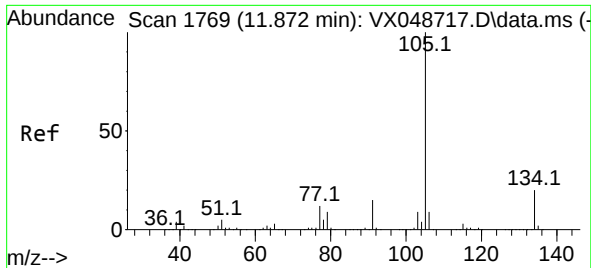
Delta R.T. 0.000 min

Lab File: VX048777.D

Acq: 09 Dec 2025 12:46

Tgt Ion:105	Resp:	41179
Ion	Ratio	Lower Upper
105	100	
120	26.9	22.3 66.8

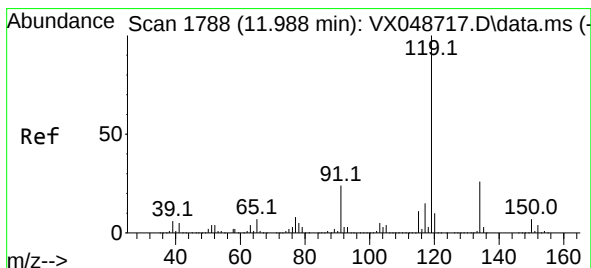
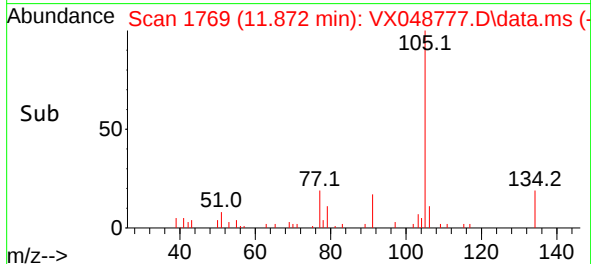
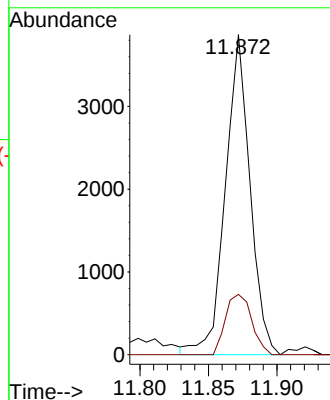
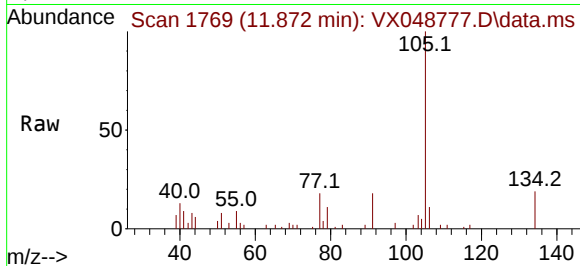




#85
 sec-Butylbenzene
 Concen: 0.407 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048777.D
 Acq: 09 Dec 2025 12:46

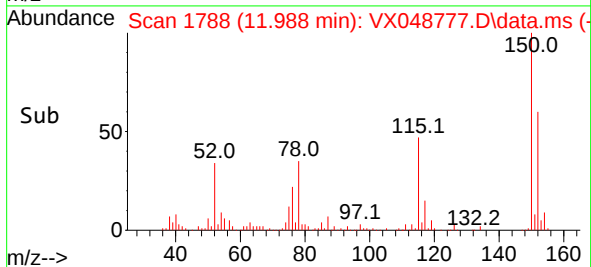
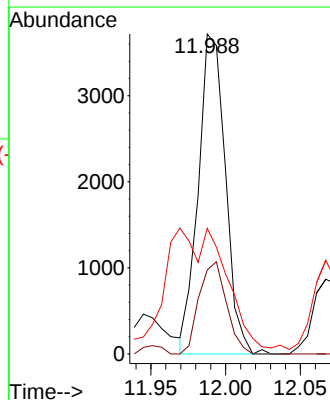
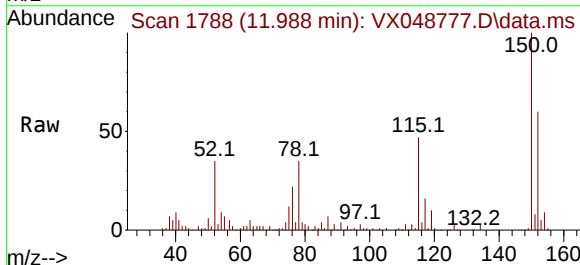
Instrument :
 MSVOA_X
 ClientSampleId :

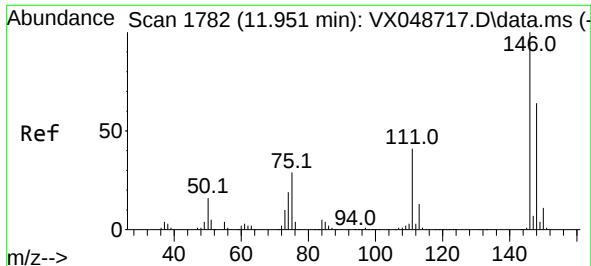
Tgt Ion:105 Resp: 4843
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 0.462 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: VX048777.D
 Acq: 09 Dec 2025 12:46

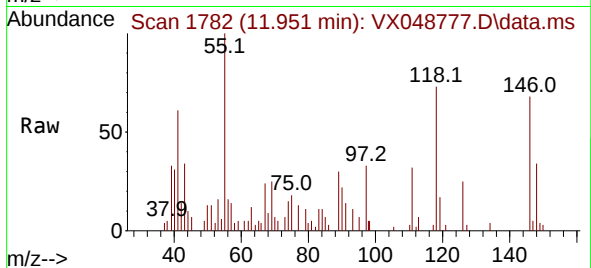
Tgt Ion:119 Resp: 4696
 Ion Ratio Lower Upper
 119 100
 134 29.0 13.1 39.3
 91 0.0 11.8 35.4#



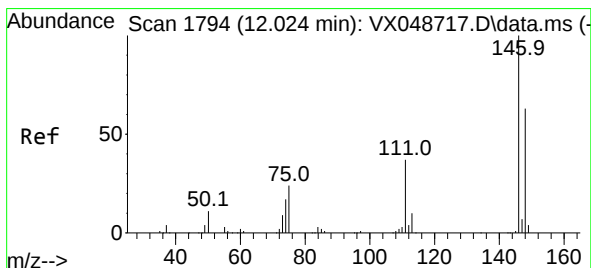
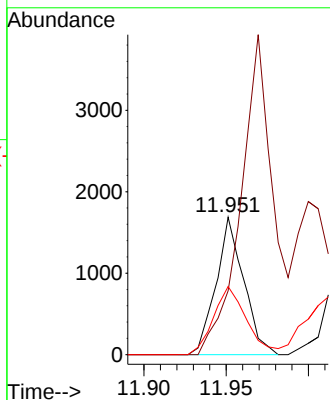
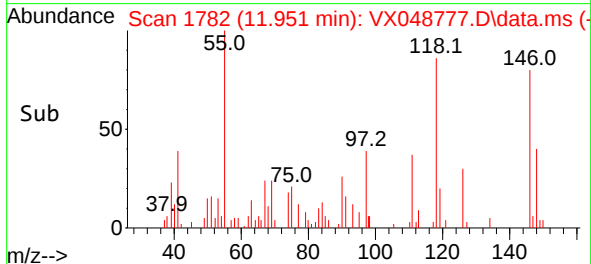


#87
 1,3-Dichlorobenzene
 Concen: 0.351 ug/l
 RT: 11.951 min Scan# 1782
 Delta R.T. 0.000 min
 Lab File: VX048777.D
 Acq: 09 Dec 2025 12:46

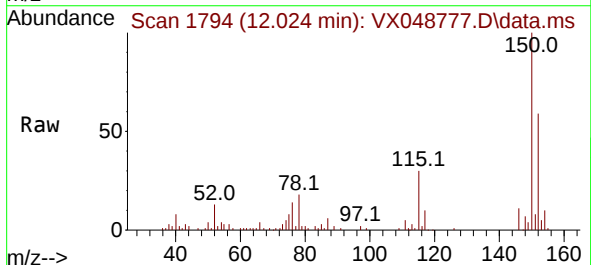
Instrument :
 MSVOA_X
 ClientSampleId :



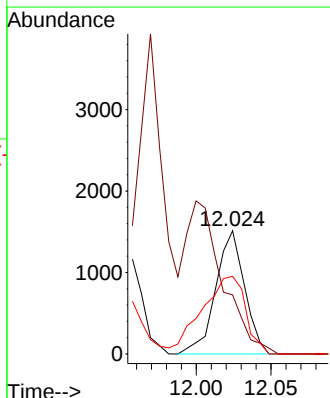
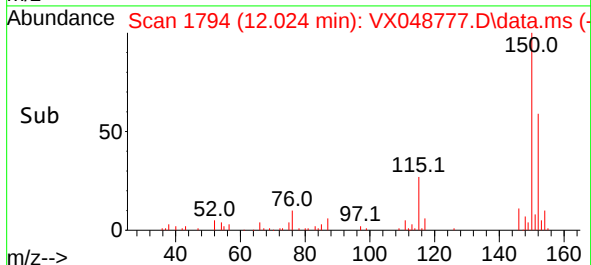
Tgt Ion:146 Resp: 1981
 Ion Ratio Lower Upper
 146 100
 111 269.5 20.3 60.8#
 148 59.2 32.1 96.5

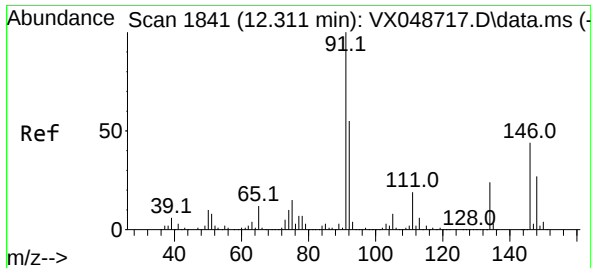


#88
 1,4-Dichlorobenzene
 Concen: 0.347 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX048777.D
 Acq: 09 Dec 2025 12:46



Tgt Ion:146 Resp: 2028
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.6 58.7#
 148 95.0 31.6 94.7#

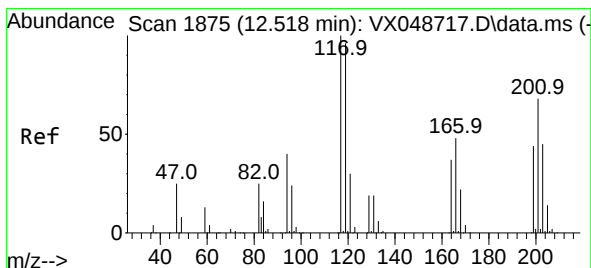
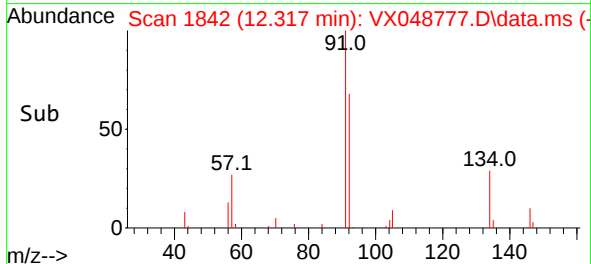
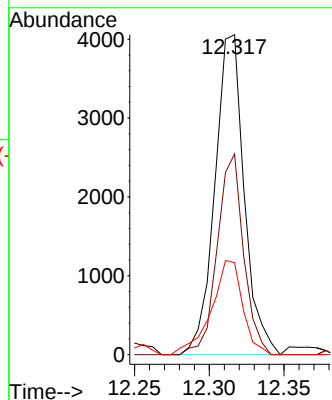
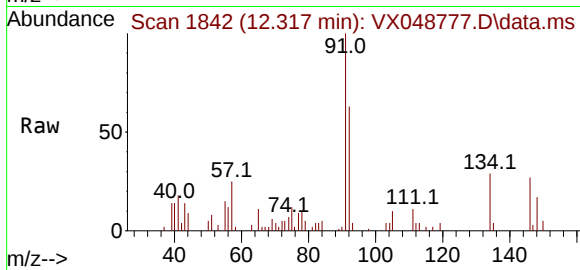




#89
n-Butylbenzene
Concen: 0.583 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

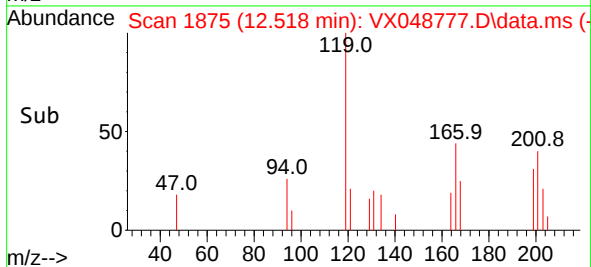
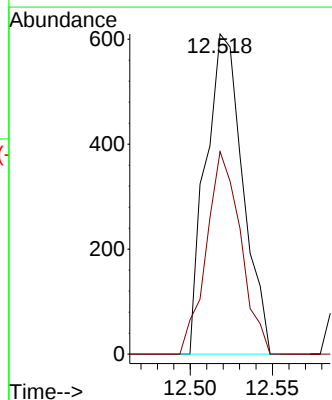
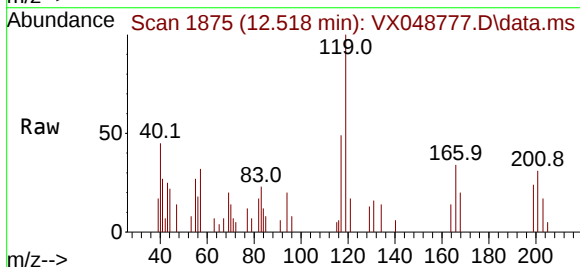
Instrument :
MSVOA_X
ClientSampleId :

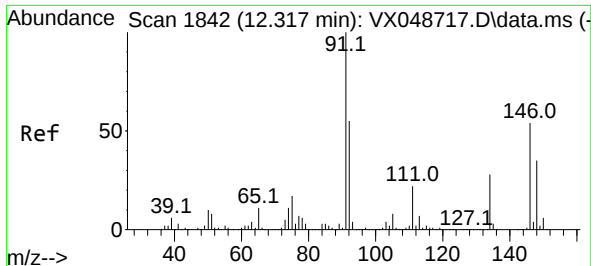
Tgt Ion: 91 Resp: 5547
Ion Ratio Lower Upper
91 100
92 56.2 27.1 81.3
134 31.3 12.9 38.6



#90
Hexachloroethane
Concen: 0.461 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048777.D
Acq: 09 Dec 2025 12:46

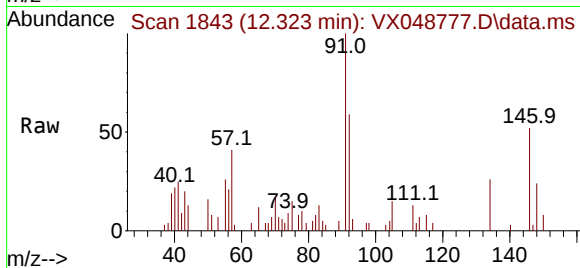
Tgt Ion: 117 Resp: 957
Ion Ratio Lower Upper
117 100
201 58.4 36.4 109.1



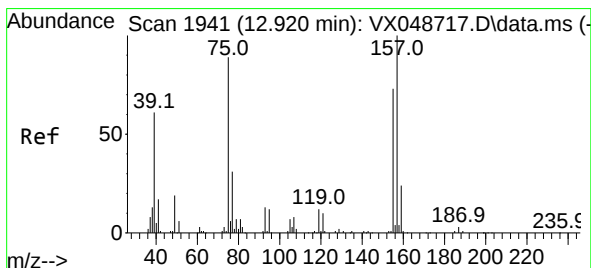
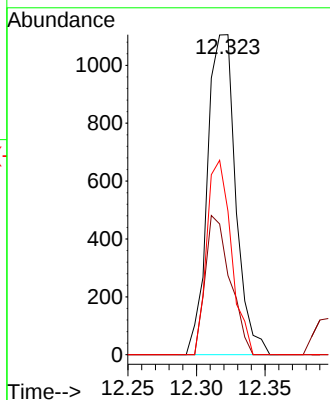
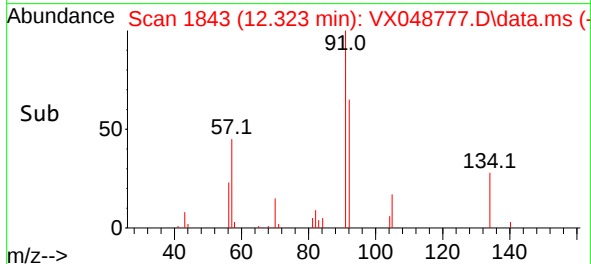


#91
 1,2-Dichlorobenzene
 Concen: 0.289 ug/l
 RT: 12.323 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: VX048777.D
 Acq: 09 Dec 2025 12:46

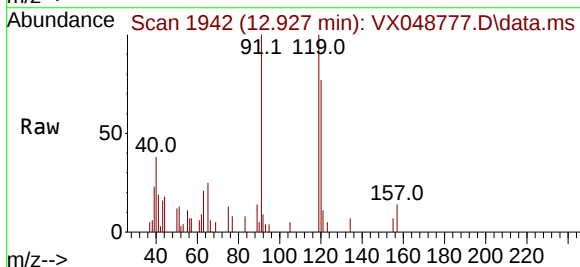
Instrument :
 MSVOA_X
 ClientSampleId :



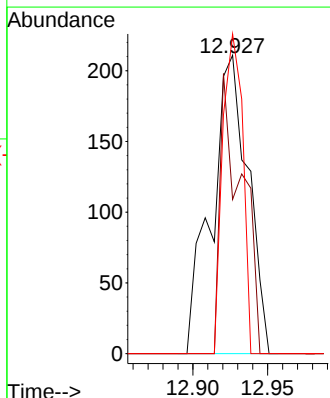
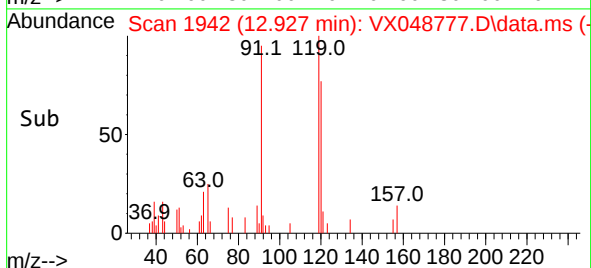
Tgt Ion:146 Resp: 1586
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.8 62.5
 148 52.7 32.0 96.0

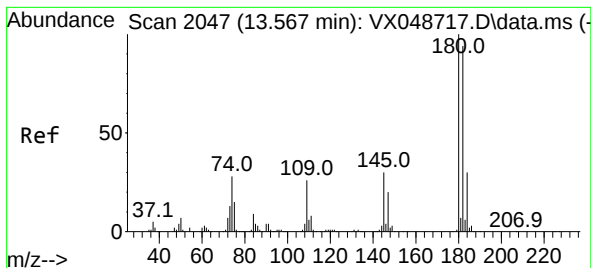


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.380 ug/l
 RT: 12.927 min Scan# 1942
 Delta R.T. 0.006 min
 Lab File: VX048777.D
 Acq: 09 Dec 2025 12:46



Tgt Ion: 75 Resp: 358
 Ion Ratio Lower Upper
 75 100
 155 56.4 43.0 129.2
 157 58.7 56.0 168.2





#93

1,2,4-Trichlorobenzene

Concen: 0.817 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048777.D

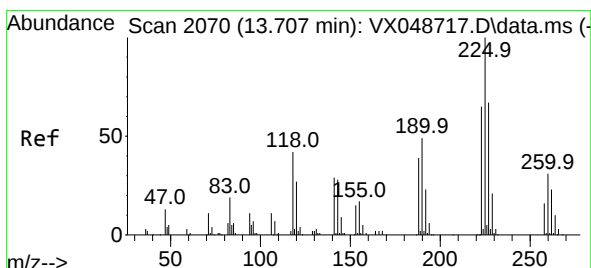
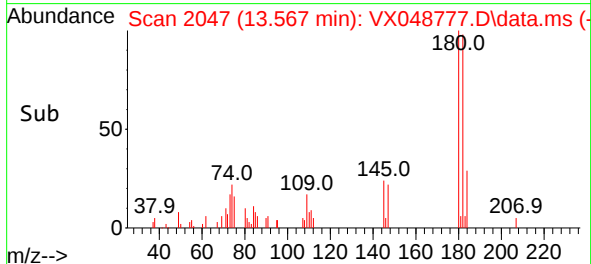
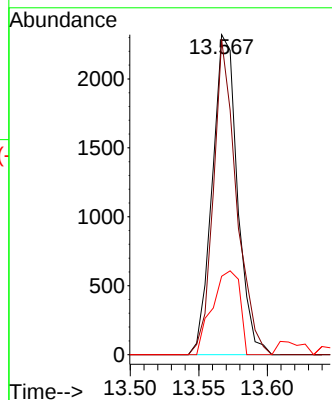
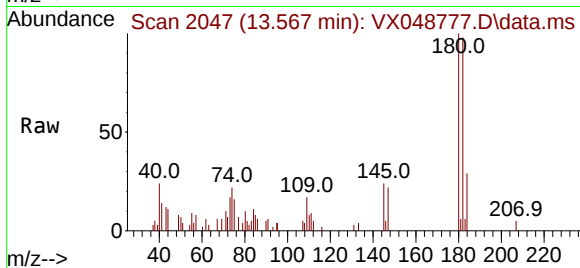
Acq: 09 Dec 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	2958
Ion Ratio	Lower	Upper
180	100	
182	90.2	46.9 140.8
145	28.7	15.1 45.3



#94

Hexachlorobutadiene

Concen: 1.004 ug/l

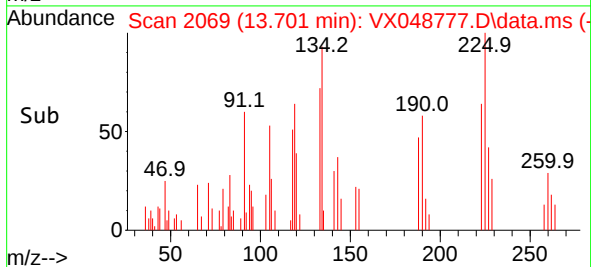
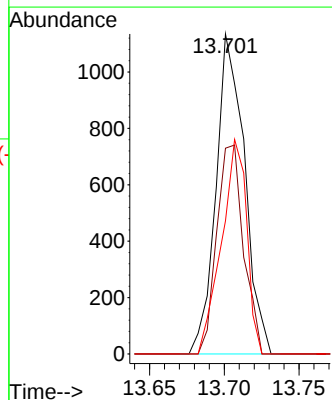
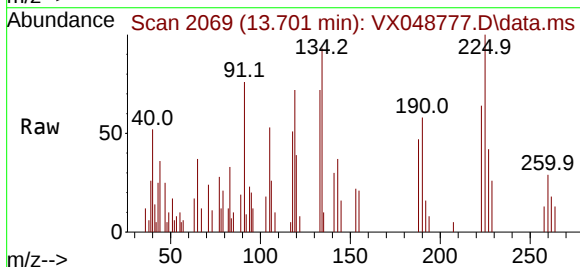
RT: 13.701 min Scan# 2069

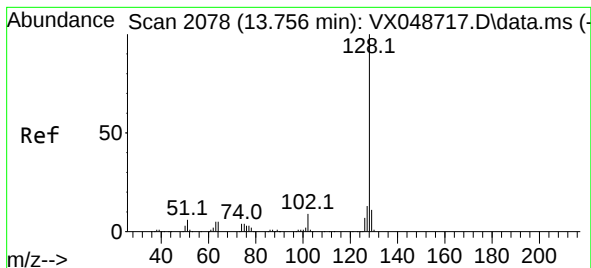
Delta R.T. -0.006 min

Lab File: VX048777.D

Acq: 09 Dec 2025 12:46

Tgt Ion:225	Resp:	1503
Ion Ratio	Lower	Upper
225	100	
223	61.3	33.0 98.9
227	59.2	32.9 98.7





#95

Naphthalene

Concen: 24.637 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX048777.D

Acq: 09 Dec 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

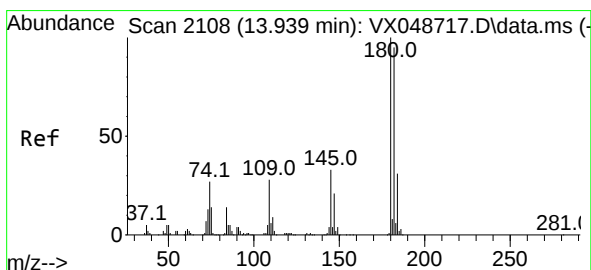
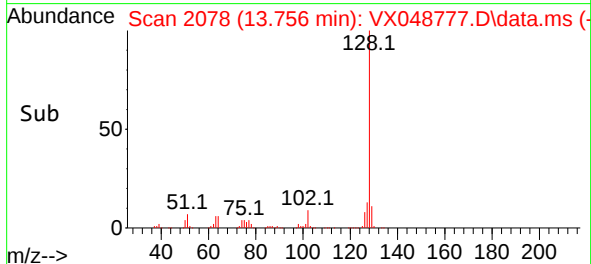
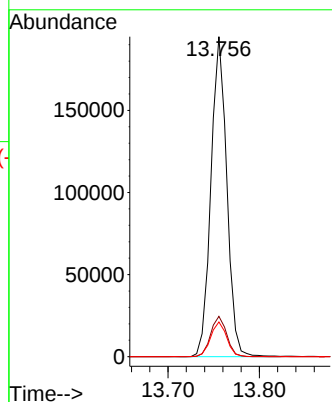
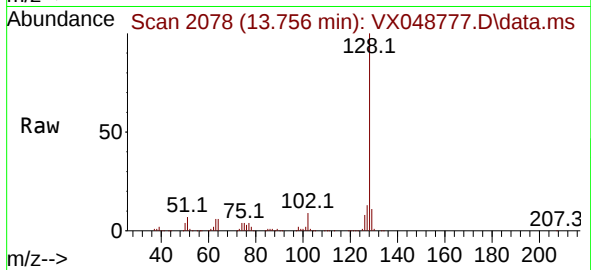
Tgt Ion:128 Resp: 234087

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.838 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VX048777.D

Acq: 09 Dec 2025 12:46

Tgt Ion:180 Resp: 2796

Ion Ratio Lower Upper

180 100

182 99.7 48.0 144.2

145 34.4 16.6 49.8

