

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111325\
 Data File : VY023777.D
 Acq On : 13 Nov 2025 11:09
 Operator : SY/MD
 Sample : VY1113SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBS01

Quant Time: Nov 14 04:24:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	571249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	854908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	744787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	370605	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	252195	51.755	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.520%	
35) Dibromofluoromethane	7.634	113	275464	51.560	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.120%	
50) Toluene-d8	10.103	98	1051858	52.853	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.700%	
62) 4-Bromofluorobenzene	12.402	95	342483	53.214	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	82044	21.880	ug/l	99
3) Chloromethane	2.074	50	105950	20.191	ug/l	99
4) Vinyl Chloride	2.208	62	132501	19.405	ug/l	97
5) Bromomethane	2.592	94	106704	18.578	ug/l	98
6) Chloroethane	2.733	64	89145	18.890	ug/l	98
7) Trichlorofluoromethane	3.056	101	193519	20.123	ug/l	97
8) Diethyl Ether	3.458	74	50893	19.735	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	112004	21.139	ug/l	99
10) Methyl Iodide	4.007	142	112238	17.939	ug/l	99
11) Tert butyl alcohol	4.848	59	39520	125.779	ug/l #	94
12) 1,1-Dichloroethene	3.787	96	104144	20.405	ug/l	94
13) Acrolein	3.653	56	31573	78.180	ug/l	97
14) Allyl chloride	4.385	41	128784	20.730	ug/l	95
15) Acrylonitrile	5.061	53	99415	100.875	ug/l	99
16) Acetone	3.866	43	133888	110.538	ug/l	96
17) Carbon Disulfide	4.104	76	321723	20.538	ug/l	99
18) Methyl Acetate	4.385	43	41752	15.628	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	229916	19.427	ug/l	99
20) Methylene Chloride	4.616	84	118437	20.255	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	118069	20.517	ug/l	97
22) Diisopropyl ether	6.019	45	296346	21.408	ug/l	96
23) Vinyl Acetate	5.964	43	773184	104.667	ug/l	100
24) 1,1-Dichloroethane	5.915	63	192988	20.927	ug/l	99
25) 2-Butanone	6.896	43	148847	106.288	ug/l	99
26) 2,2-Dichloropropane	6.884	77	177700	20.948	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	132037	20.089	ug/l	98
28) Bromochloromethane	7.244	49	74503	21.100	ug/l	94
29) Tetrahydrofuran	7.262	42	72197	96.803	ug/l	98
30) Chloroform	7.421	83	211322	20.538	ug/l	99
31) Cyclohexane	7.701	56	168746	21.012	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	189251	20.580	ug/l	100
36) 1,1-Dichloropropene	7.835	75	147160	20.613	ug/l	99
37) Ethyl Acetate	6.982	43	55692	20.151	ug/l	99
38) Carbon Tetrachloride	7.817	117	171022	20.332	ug/l	97
39) Methylcyclohexane	9.109	83	180758	19.816	ug/l	96
40) Benzene	8.079	78	464263	20.631	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	21258	14.092	ug/l #	75
42) 1,2-Dichloroethane	8.152	62	111254	19.542	ug/l	99
43) Isopropyl Acetate	8.195	43	99669	19.194	ug/l	99
44) Trichloroethene	8.866	130	124906	19.325	ug/l	96
45) 1,2-Dichloropropane	9.140	63	102474	20.633	ug/l	99
46) Dibromomethane	9.231	93	59853	19.450	ug/l	97
47) Bromodichloromethane	9.420	83	157413	20.289	ug/l	98
48) Methyl methacrylate	9.219	41	46318	18.879	ug/l	96
49) 1,4-Dioxane	9.231	88	12032	382.065	ug/l	92
51) 4-Methyl-2-Pentanone	10.000	43	268785	97.332	ug/l	99
52) Toluene	10.170	92	296348	20.627	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	128802	19.620	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	156760	19.931	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	81084	19.717	ug/l	96
56) Ethyl methacrylate	10.438	69	85612	18.895	ug/l	100
57) 1,3-Dichloropropane	10.713	76	129649	19.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	204228	98.226	ug/l	98
59) 2-Hexanone	10.762	43	203510	101.011	ug/l	99
60) Dibromochloromethane	10.908	129	109344	19.351	ug/l	100
61) 1,2-Dibromoethane	11.012	107	74118	19.205	ug/l	100
64) Tetrachloroethene	10.646	164	147823	19.069	ug/l	98
65) Chlorobenzene	11.438	112	323200	19.933	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	112867	19.686	ug/l	99
67) Ethyl Benzene	11.518	91	527652	20.107	ug/l	97
68) m/p-Xylenes	11.627	106	426889	40.716	ug/l	99
69) o-Xylene	11.950	106	191040	19.711	ug/l	97
70) Styrene	11.969	104	319808	19.999	ug/l	99
71) Bromoform	12.127	173	63439	18.945	ug/l #	98
73) Isopropylbenzene	12.255	105	503084	20.296	ug/l	100
74) N-amyl acetate	12.066	43	83057	19.792	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	80572	20.353	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	106599	35.541	ug/l #	100
77) Bromobenzene	12.530	156	127235	19.789	ug/l	95
78) n-propylbenzene	12.591	91	605532	20.769	ug/l	99
79) 2-Chlorotoluene	12.676	91	350932	20.742	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	415196	20.617	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	24733	18.636	ug/l	99
82) 4-Chlorotoluene	12.773	91	361606	20.725	ug/l	99
83) tert-Butylbenzene	12.993	119	365003	19.900	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	409365	20.523	ug/l	100
85) sec-Butylbenzene	13.176	105	538142	20.341	ug/l	100
86) p-Isopropyltoluene	13.292	119	449740	20.081	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	251073	19.840	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	245279	19.732	ug/l	98
89) n-Butylbenzene	13.615	91	397748	20.424	ug/l	99
90) Hexachloroethane	13.877	117	100331	20.846	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	213329	19.562	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	12030	19.736	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	139193	22.314	ug/l	98
94) Hexachlorobutadiene	15.023	225	96394	23.585	ug/l	100
95) Naphthalene	15.139	128	202867	21.907	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	122243	23.455	ug/l	99

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Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

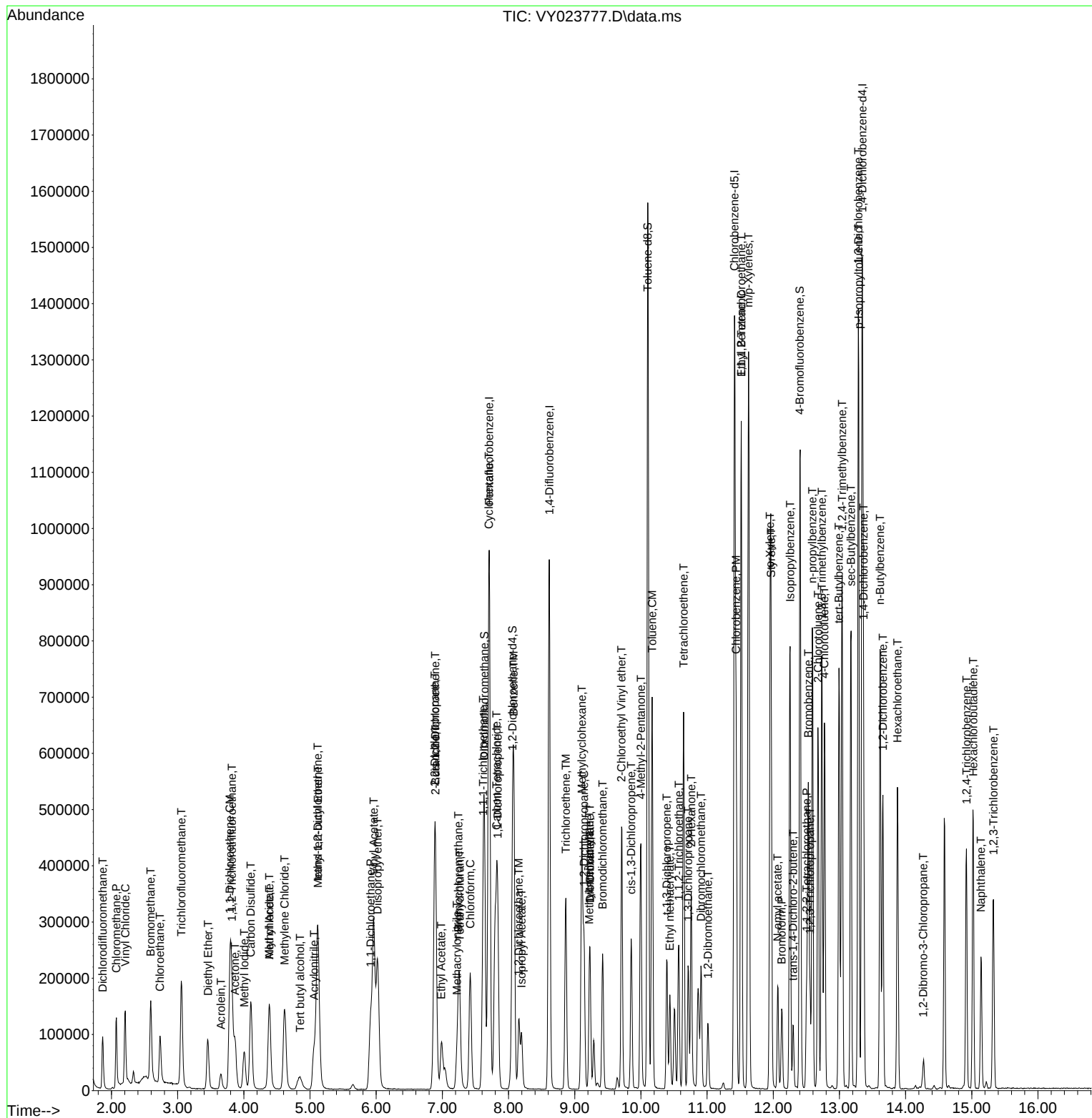
Quant Time: Nov 14 04:24:37 2025
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QLast Update : Wed Nov 05 04:41:50 2025
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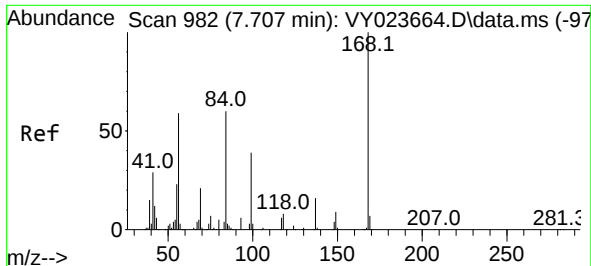
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
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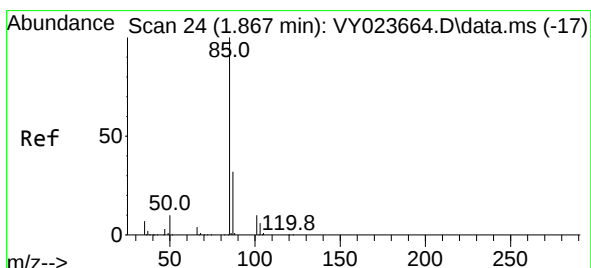
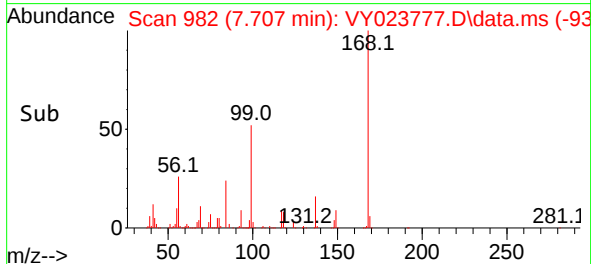
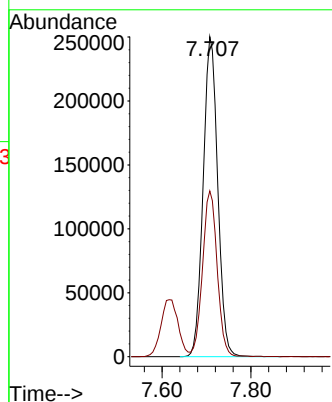
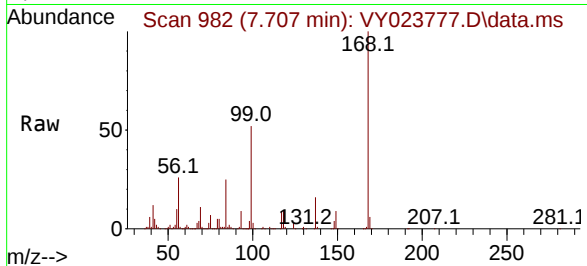




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
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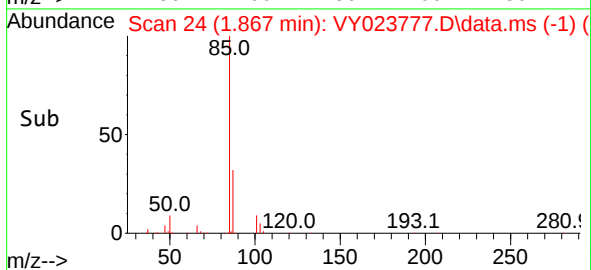
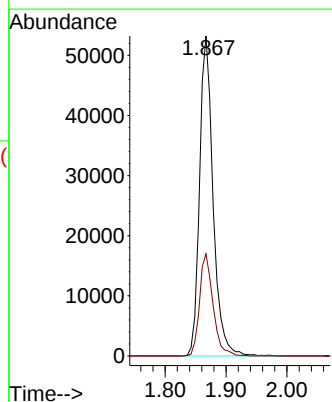
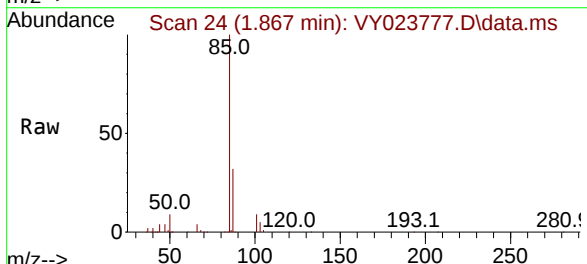
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

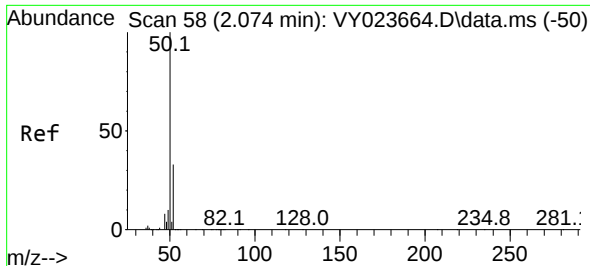
Tgt Ion:168 Resp: 571249
Ion Ratio Lower Upper
168 100
99 51.8 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 21.880 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 85 Resp: 82044
Ion Ratio Lower Upper
85 100
87 31.9 16.2 48.6

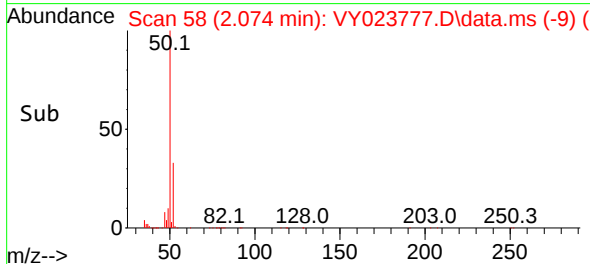
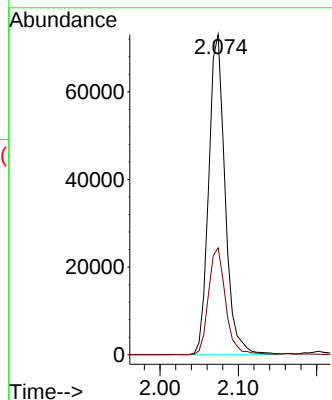
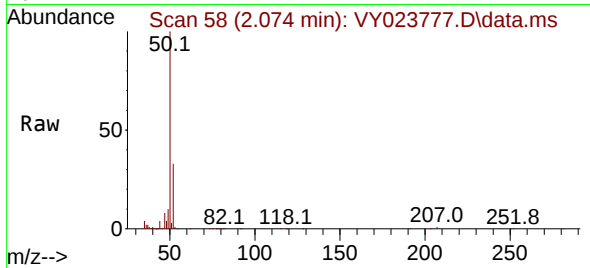




#3
Chloromethane
Concen: 20.191 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

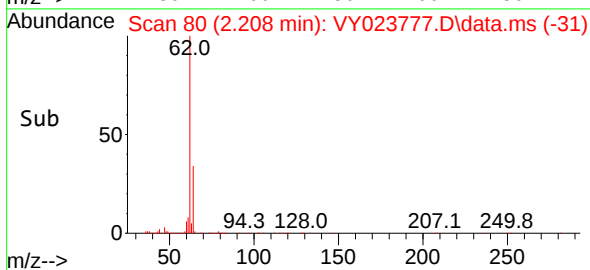
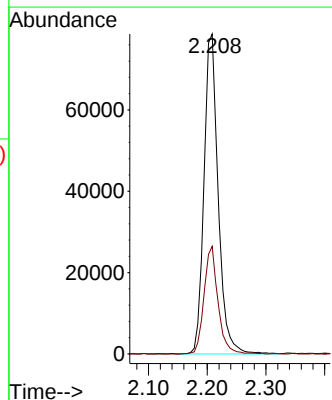
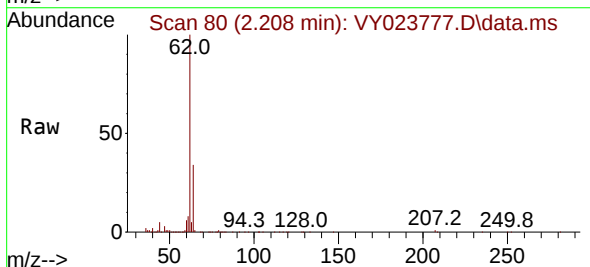
Instrument :
MSVOA_Y
ClientSampleId :
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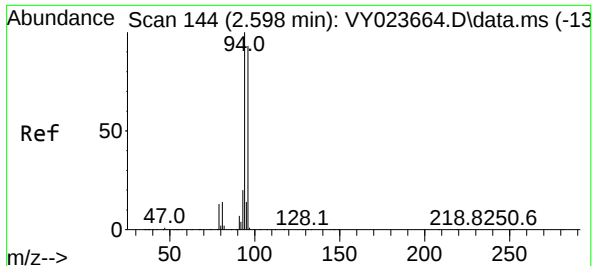
Tgt Ion: 50 Resp: 105950
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7



#4
Vinyl Chloride
Concen: 19.405 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 62 Resp: 132501
Ion Ratio Lower Upper
62 100
64 33.7 25.7 38.5

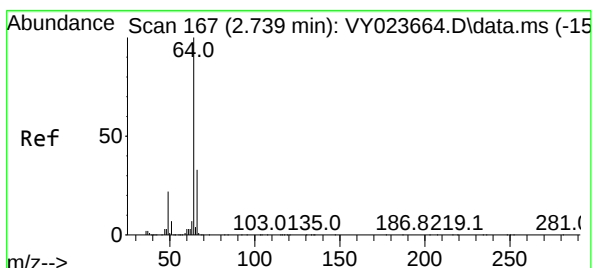
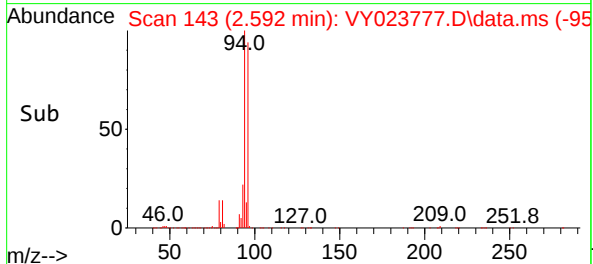
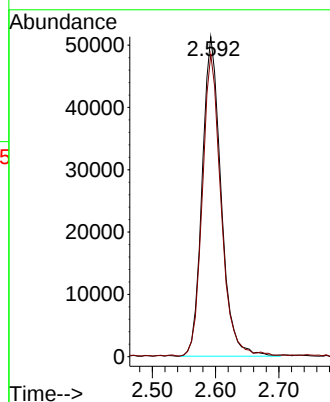
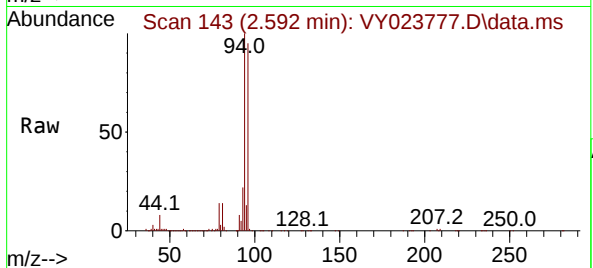




#5
Bromomethane
Concen: 18.578 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

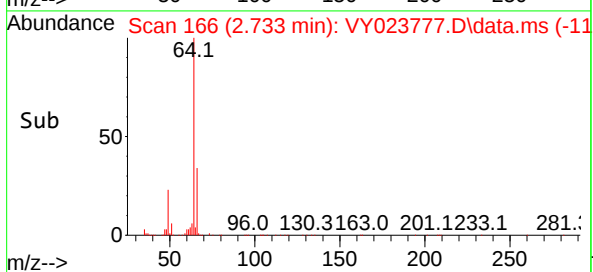
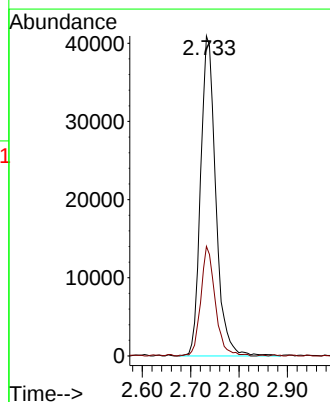
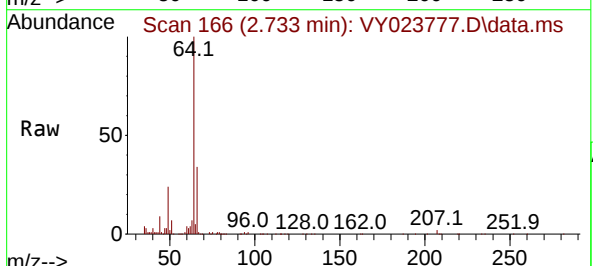
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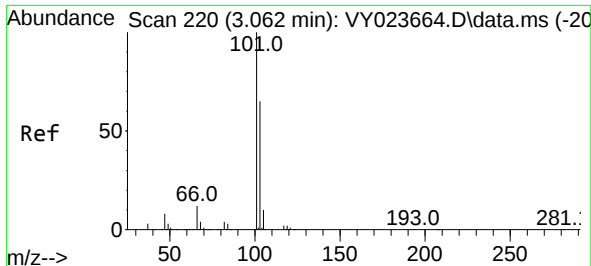
Tgt Ion: 94 Resp: 106704
Ion Ratio Lower Upper
94 100
96 94.5 74.4 111.6



#6
Chloroethane
Concen: 18.890 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 64 Resp: 89145
Ion Ratio Lower Upper
64 100
66 34.0 26.2 39.4

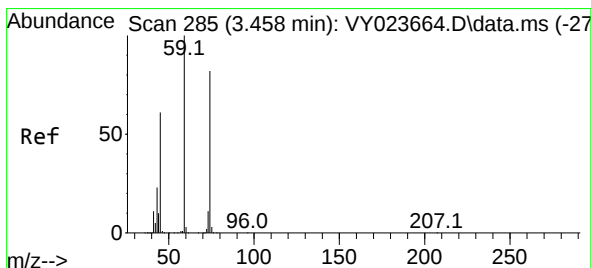
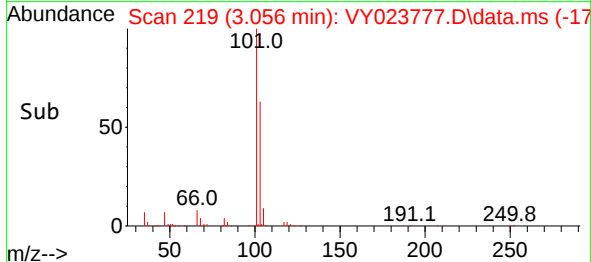
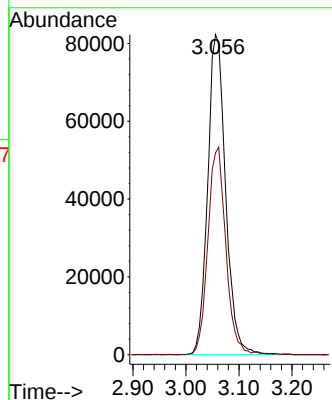
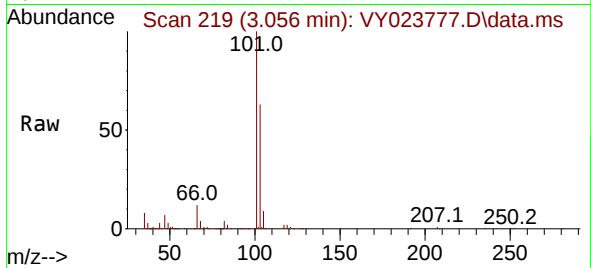




#7
Trichlorofluoromethane
Concen: 20.123 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

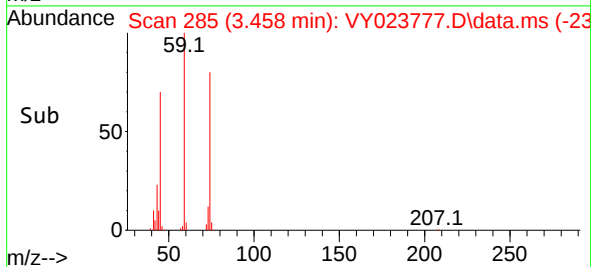
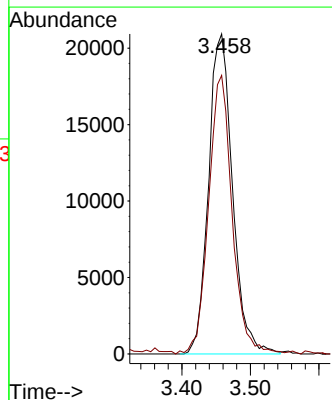
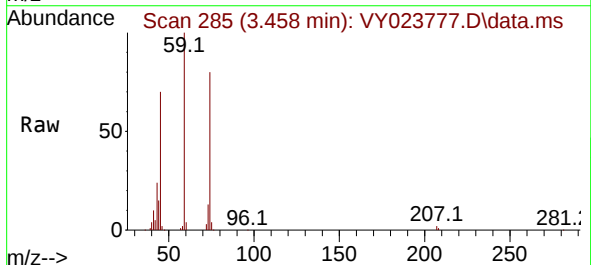
Instrument :
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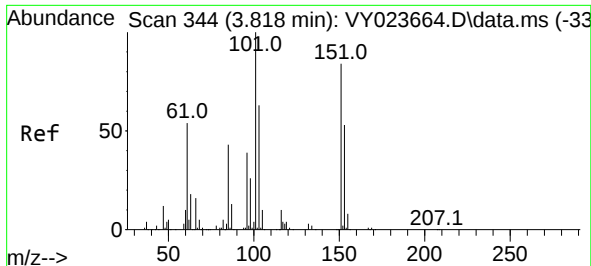
Tgt Ion:101 Resp: 193519
Ion Ratio Lower Upper
101 100
103 63.1 52.1 78.1



#8
Diethyl Ether
Concen: 19.735 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 74 Resp: 50893
Ion Ratio Lower Upper
74 100
45 85.5 40.6 121.7

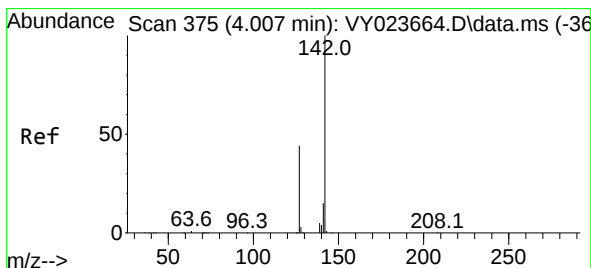
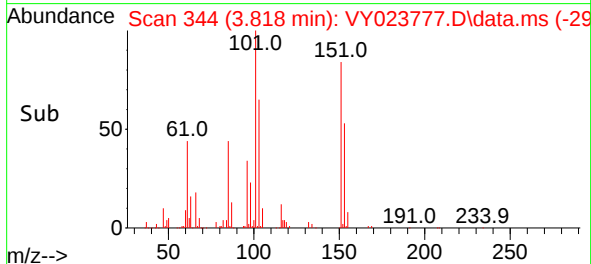
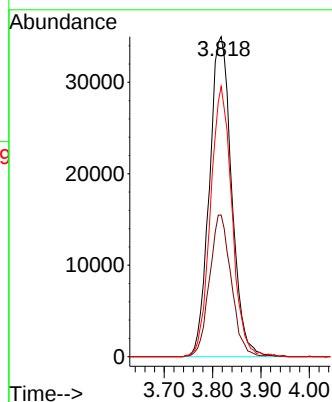
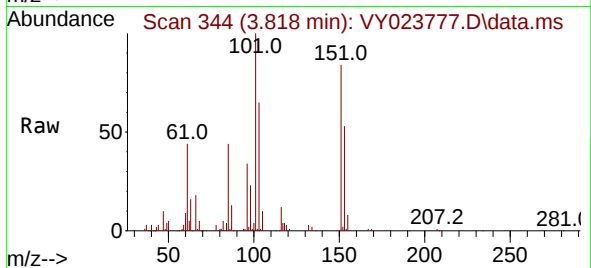




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.139 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

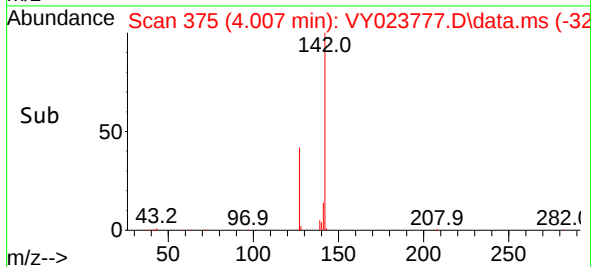
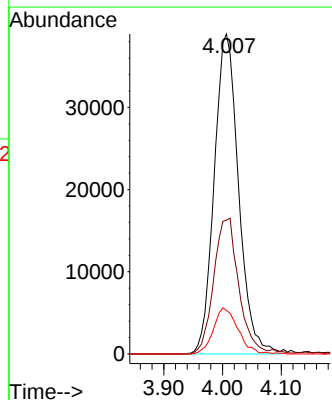
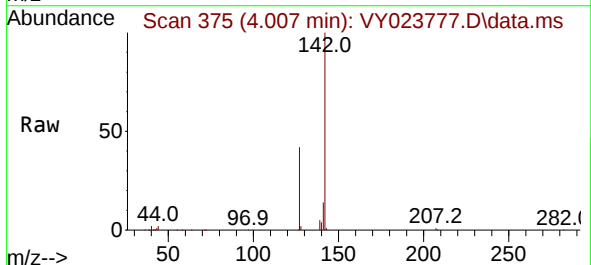
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

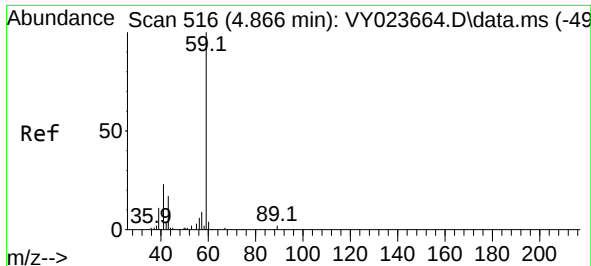
Tgt Ion:101 Resp: 112004
Ion Ratio Lower Upper
101 100
85 43.1 34.4 51.6
151 81.2 65.6 98.4



#10
Methyl Iodide
Concen: 17.939 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion:142 Resp: 112238
Ion Ratio Lower Upper
142 100
127 44.0 34.6 51.8
141 14.6 11.6 17.4

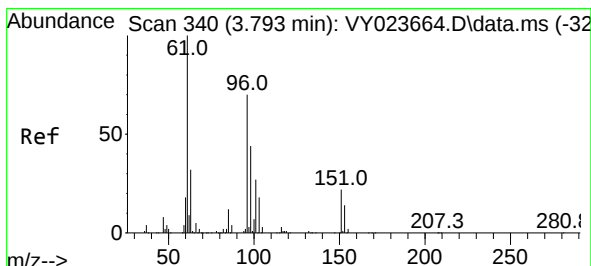
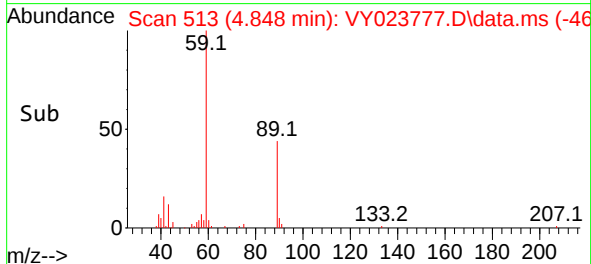
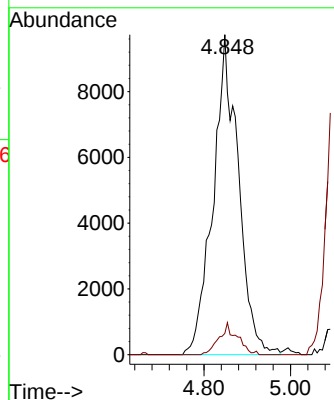
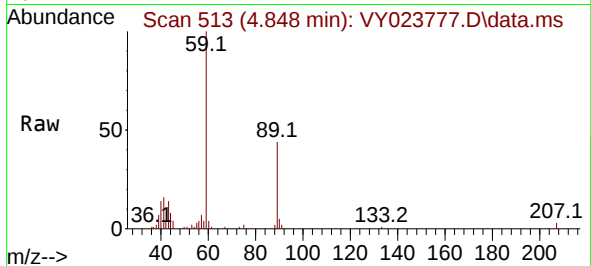




#11
Tert butyl alcohol
Concen: 125.779 ug/l
RT: 4.848 min Scan# 516
Delta R.T. -0.018 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

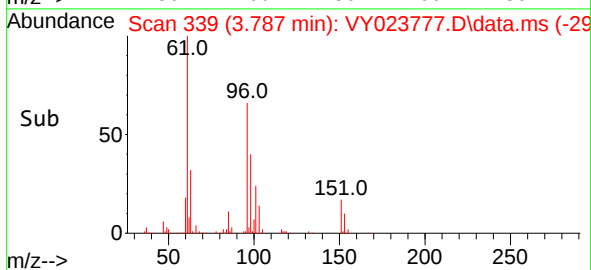
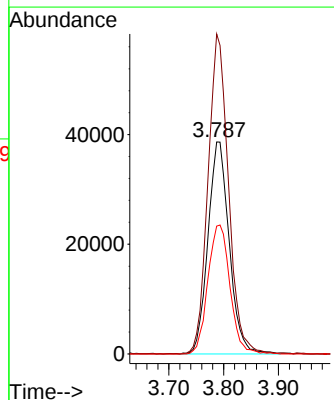
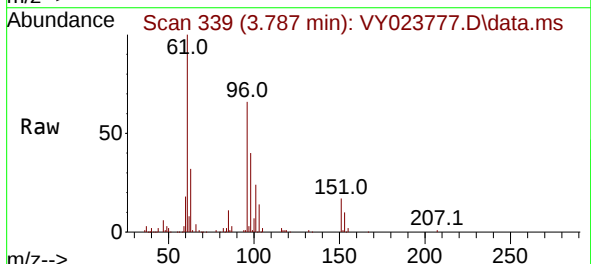
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

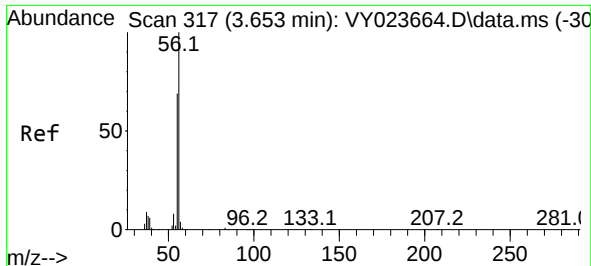
Tgt Ion: 59 Resp: 39520
Ion Ratio Lower Upper
59 100
57 7.1 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 20.405 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 96 Resp: 104144
Ion Ratio Lower Upper
96 100
61 150.9 114.0 171.0
98 60.3 50.2 75.2

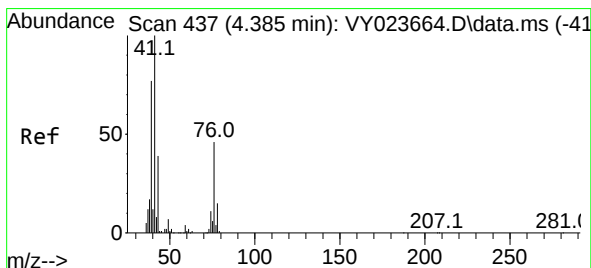
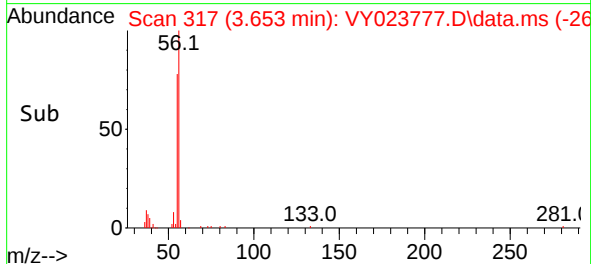
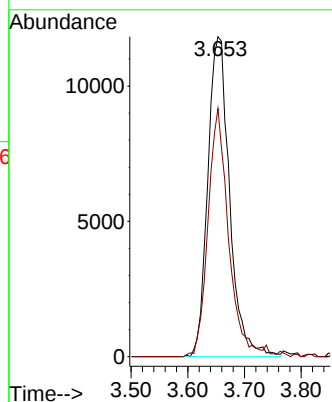
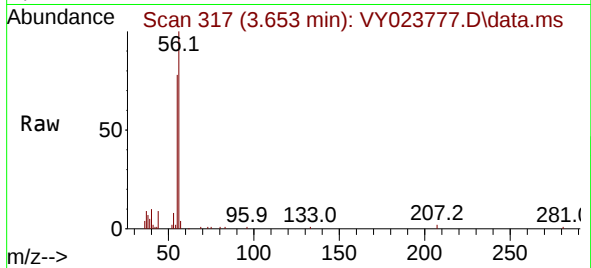




#13
Acrolein
Concen: 78.180 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

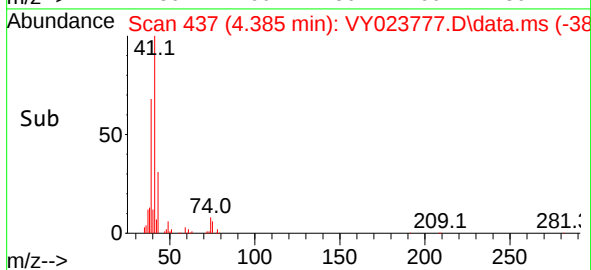
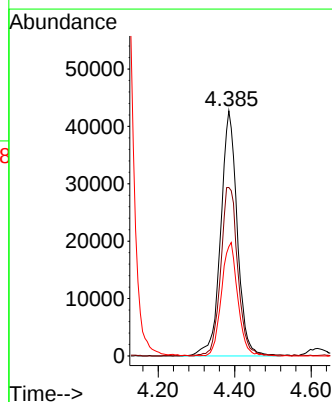
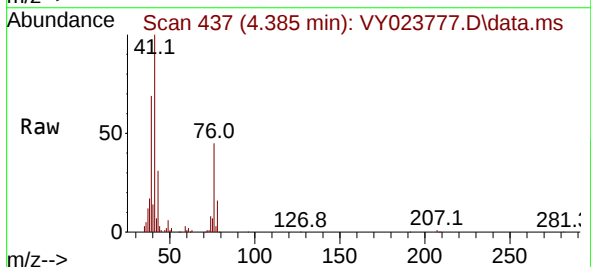
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

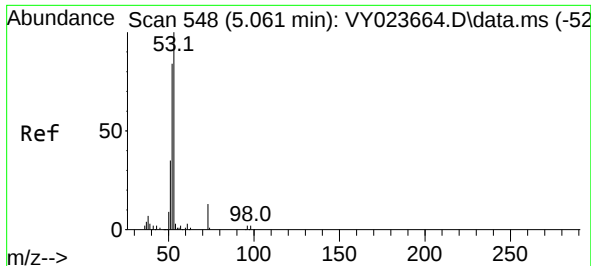
Tgt Ion: 56 Resp: 31573
Ion Ratio Lower Upper
56 100
55 73.3 56.6 84.8



#14
Allyl chloride
Concen: 20.730 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 41 Resp: 128784
Ion Ratio Lower Upper
41 100
39 70.5 60.4 90.6
76 45.6 38.0 57.0

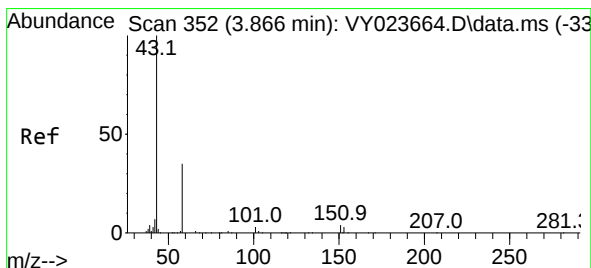
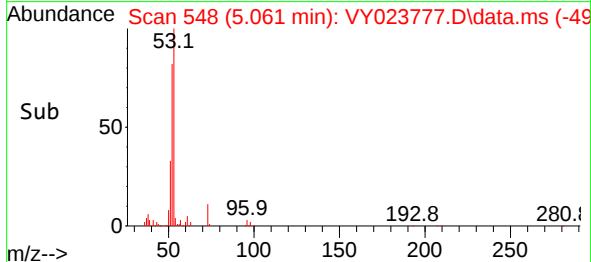
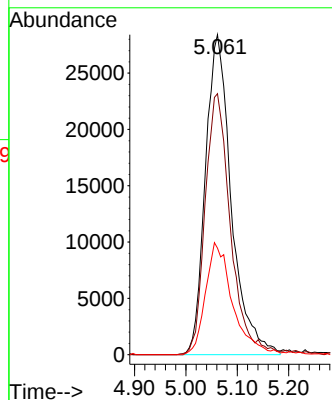
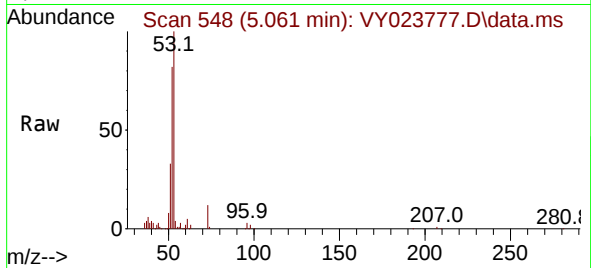




#15
Acrylonitrile
Concen: 100.875 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

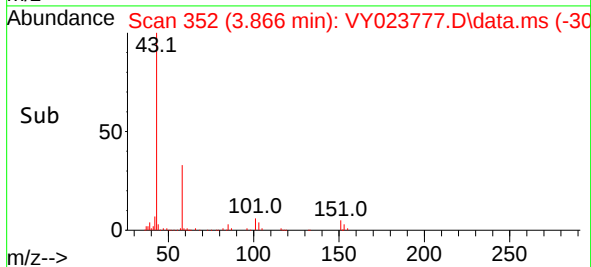
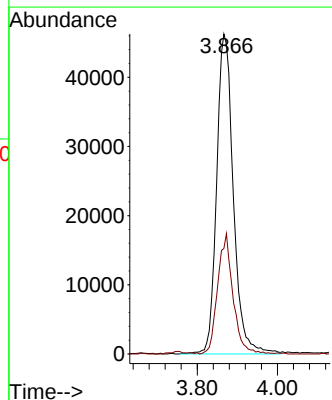
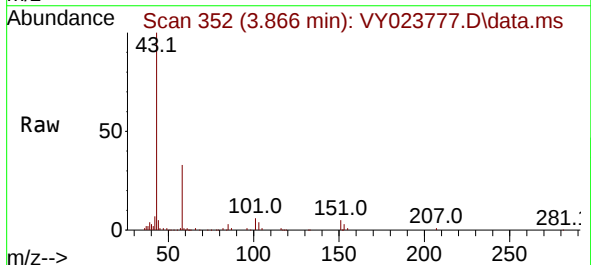
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

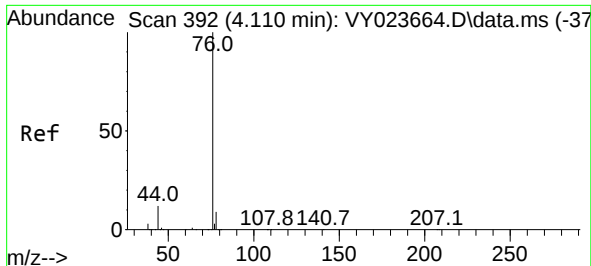
Tgt Ion: 53 Resp: 99415
Ion Ratio Lower Upper
53 100
52 79.6 64.9 97.3
51 36.7 29.4 44.0



#16
Acetone
Concen: 110.538 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 43 Resp: 133888
Ion Ratio Lower Upper
43 100
58 32.8 28.2 42.4

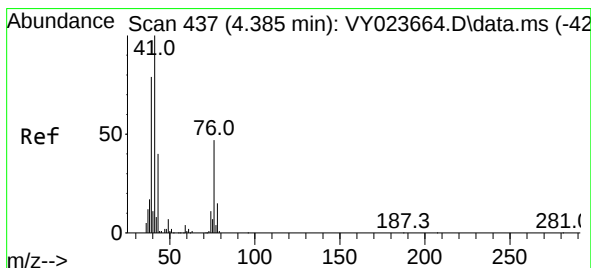
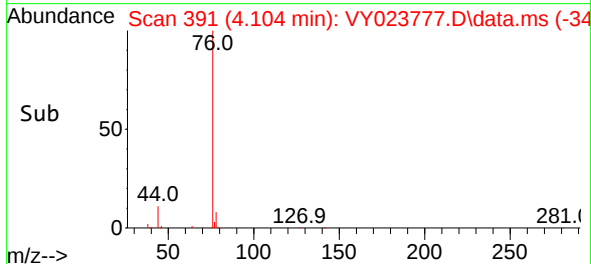
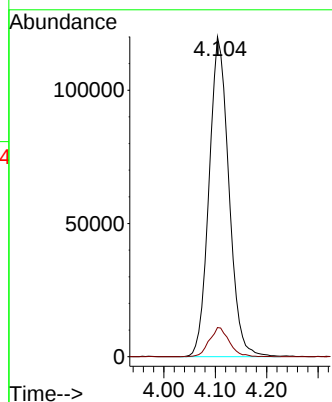
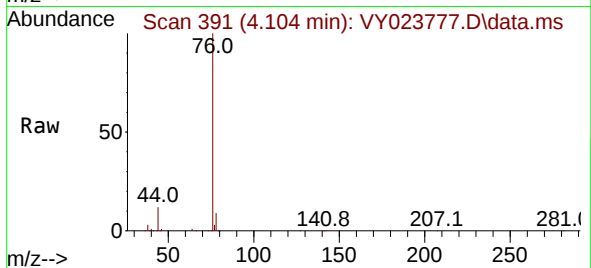




#17
Carbon Disulfide
Concen: 20.538 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

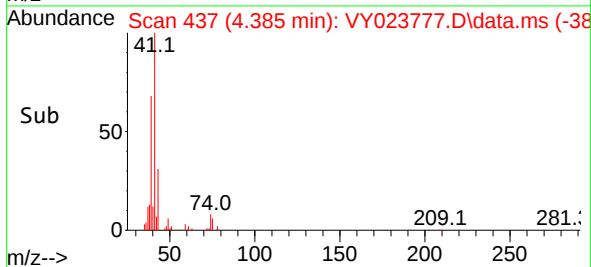
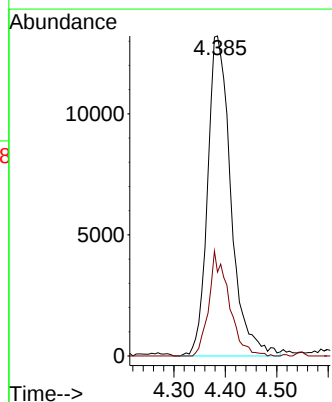
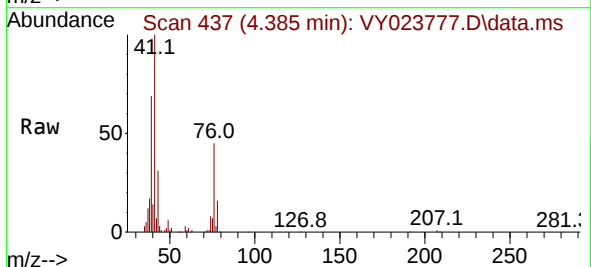
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

Tgt Ion: 76 Resp: 321723
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 15.628 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 43 Resp: 41752
Ion Ratio Lower Upper
43 100
74 28.3 22.5 33.7

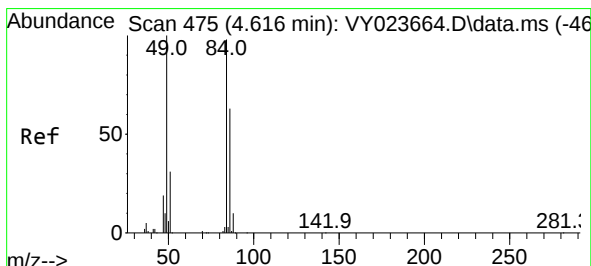
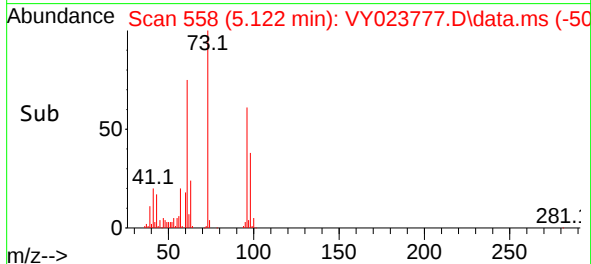
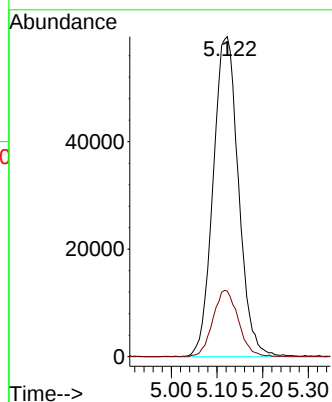
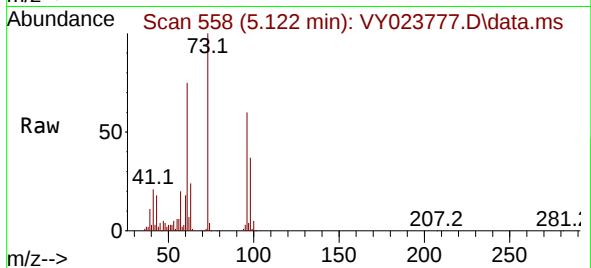




#19
Methyl tert-butyl Ether
Concen: 19.427 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

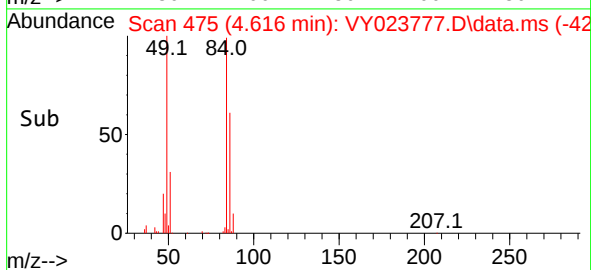
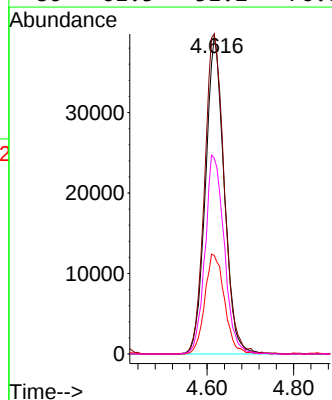
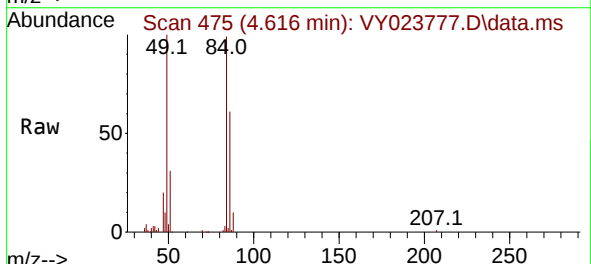
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

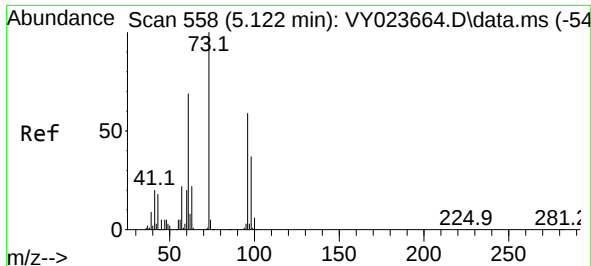
Tgt Ion: 73 Resp: 229916
Ion Ratio Lower Upper
73 100
57 20.5 16.1 24.1



#20
Methylene Chloride
Concen: 20.255 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 84 Resp: 118437
Ion Ratio Lower Upper
84 100
49 100.5 81.5 122.3
51 31.0 25.5 38.3
86 61.5 51.2 76.8

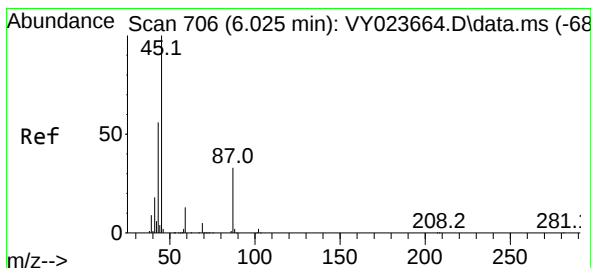
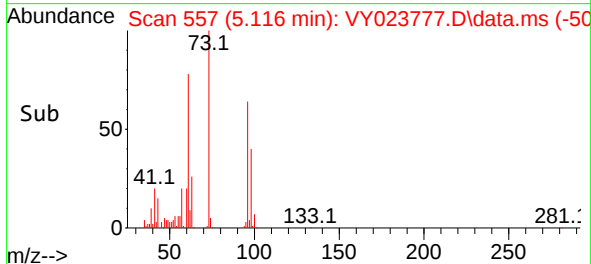
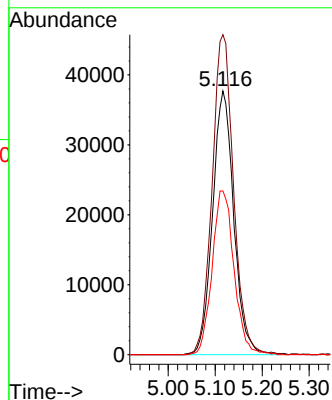
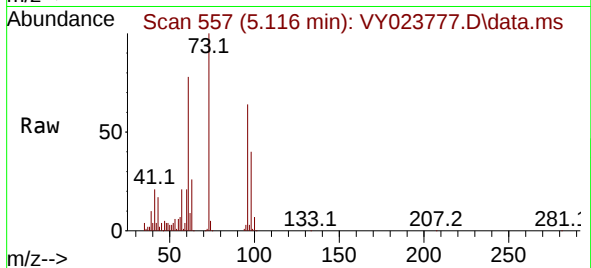




#21
trans-1,2-Dichloroethene
Concen: 20.517 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

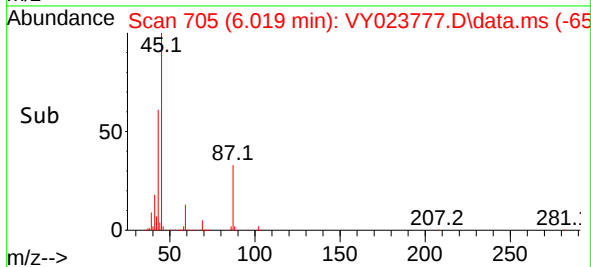
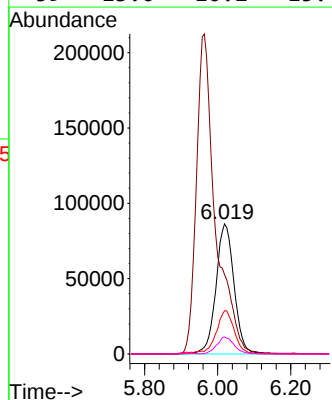
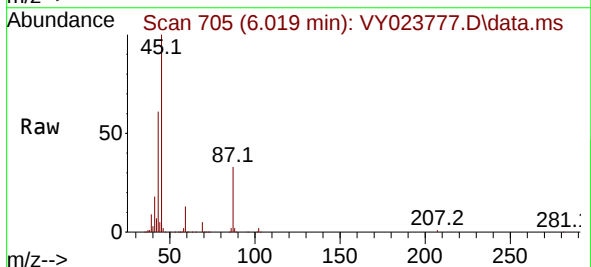
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

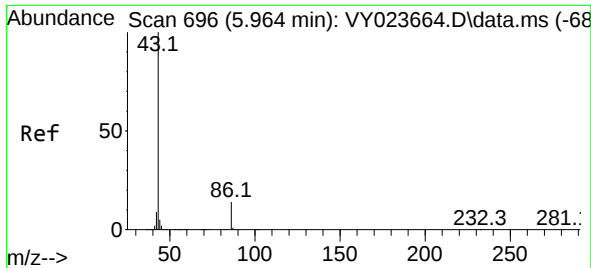
Tgt Ion: 96 Resp: 118069
Ion Ratio Lower Upper
96 100
61 121.3 93.3 139.9
98 62.1 50.6 75.8



#22
Diisopropyl ether
Concen: 21.408 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 45 Resp: 296346
Ion Ratio Lower Upper
45 100
43 60.7 44.7 67.1
87 33.2 27.2 40.8
59 13.0 10.2 15.4

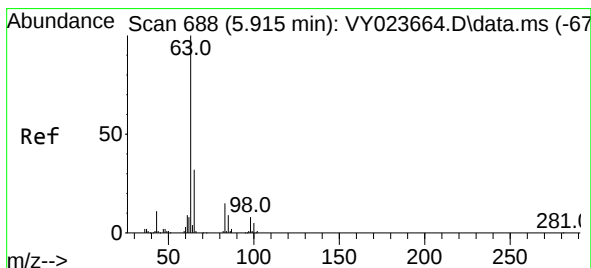
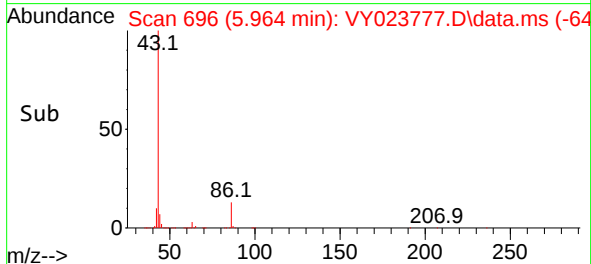
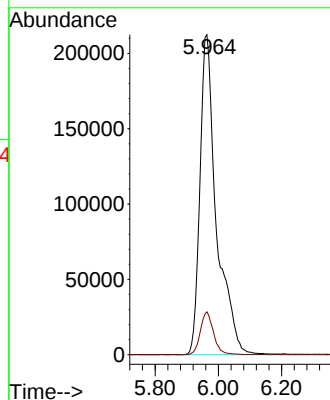
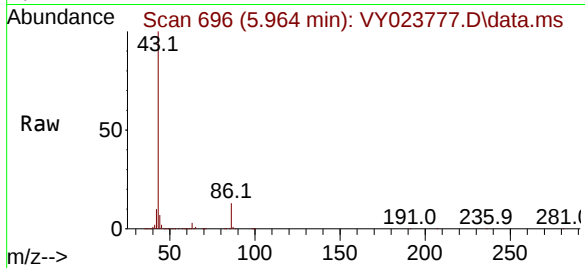




#23
 Vinyl Acetate
 Concen: 104.667 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY023777.D
 Acq: 13 Nov 2025 11:09

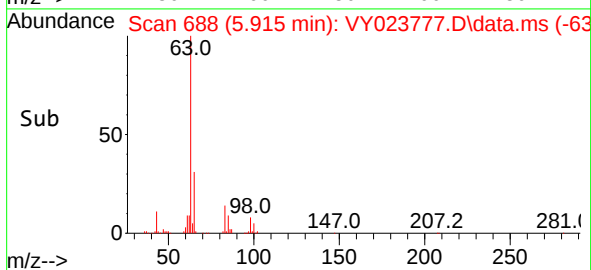
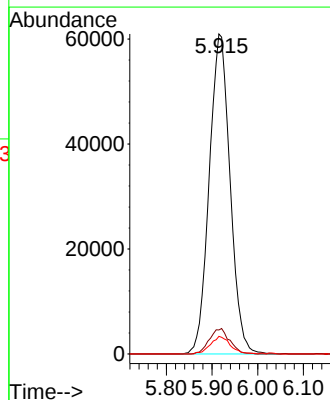
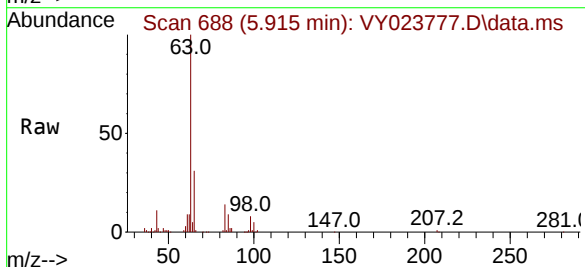
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBSD01

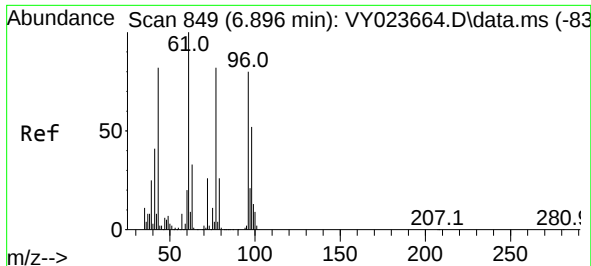
Tgt Ion: 43 Resp: 773184
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 20.927 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY023777.D
 Acq: 13 Nov 2025 11:09

Tgt Ion: 63 Resp: 192988
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 11.9
 100 5.5 2.6 7.8





#25

2-Butanone

Concen: 106.288 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

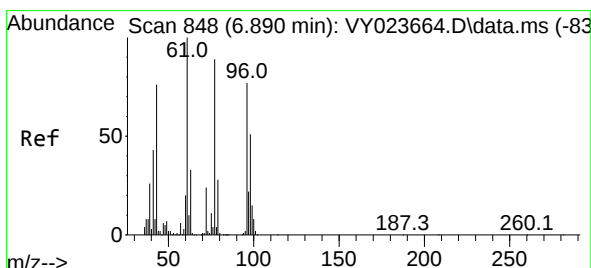
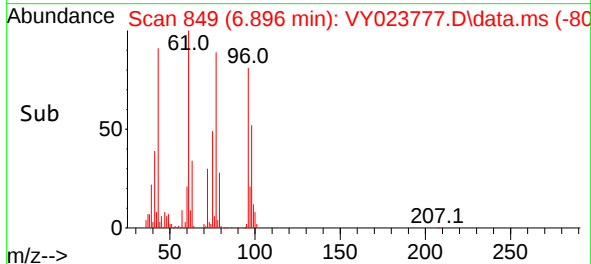
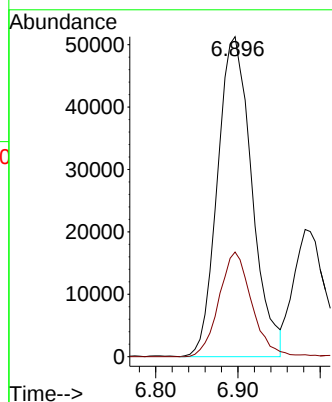
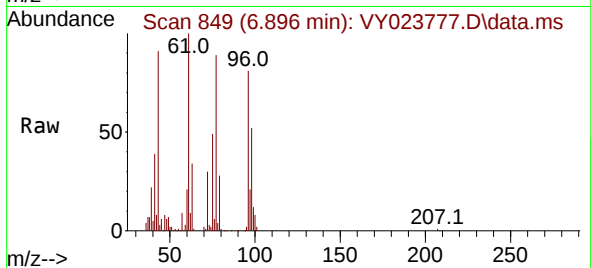
VY1113SBSD01

Tgt Ion: 43 Resp: 148847

Ion Ratio Lower Upper

43 100

72 32.7 25.7 38.5



#26

2,2-Dichloropropane

Concen: 20.948 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY023777.D

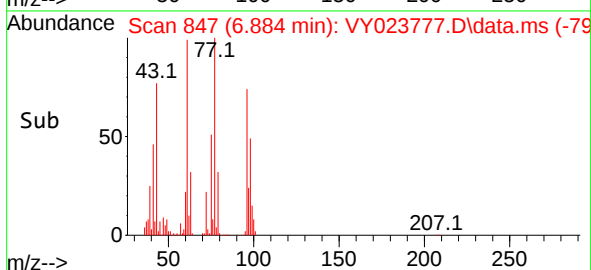
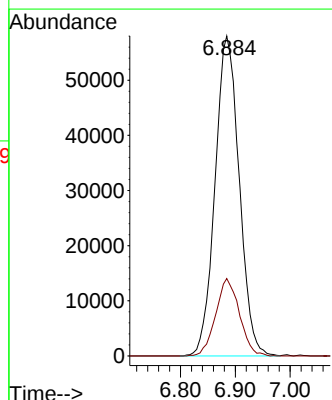
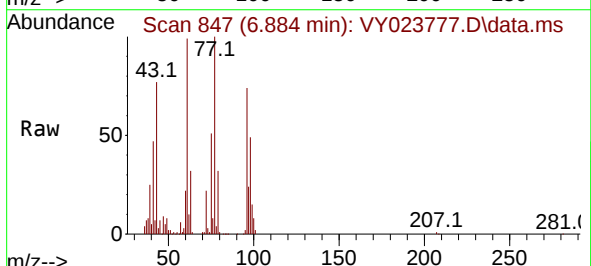
Acq: 13 Nov 2025 11:09

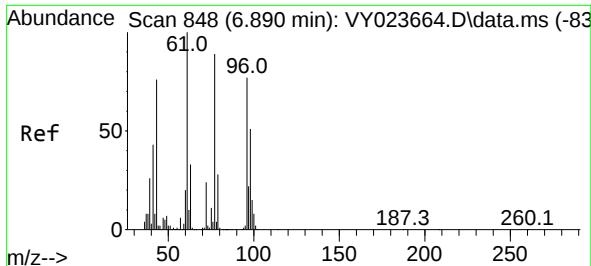
Tgt Ion: 77 Resp: 177700

Ion Ratio Lower Upper

77 100

97 23.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.089 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

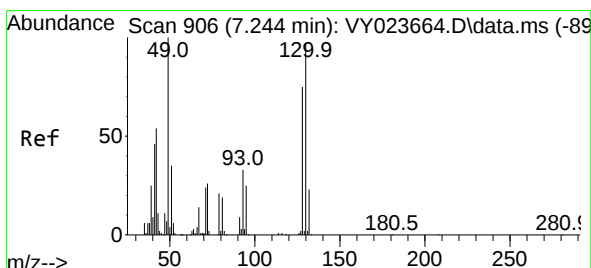
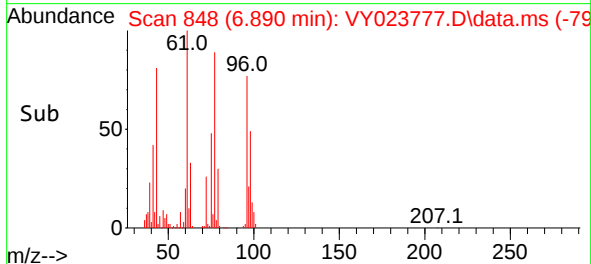
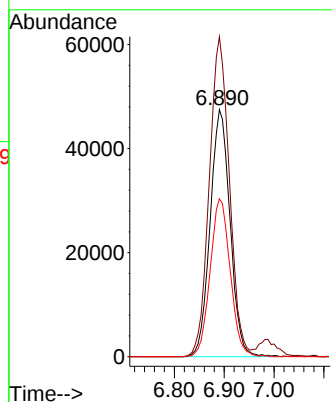
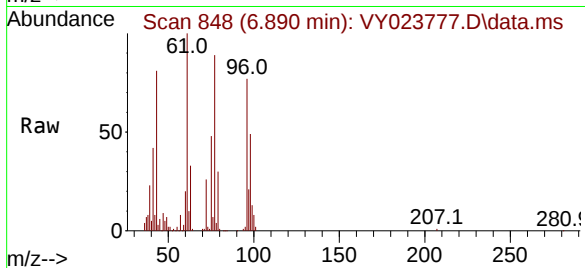
Tgt Ion: 96 Resp: 132037

Ion Ratio Lower Upper

96 100

61 130.2 0.0 255.0

98 64.2 0.0 129.8



#28

Bromochloromethane

Concen: 21.100 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

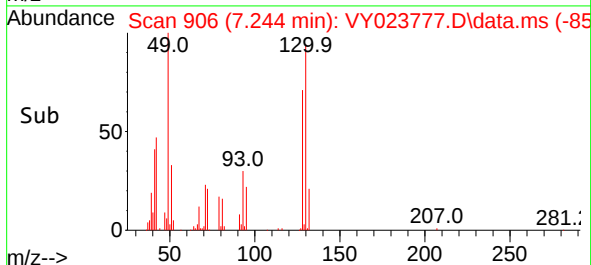
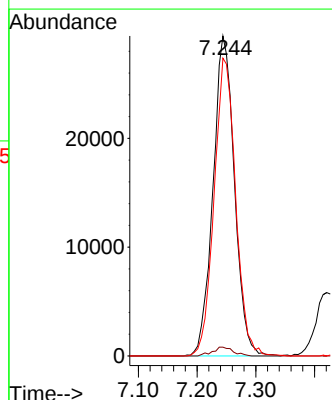
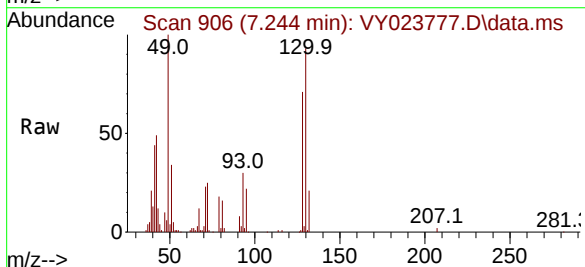
Tgt Ion: 49 Resp: 74503

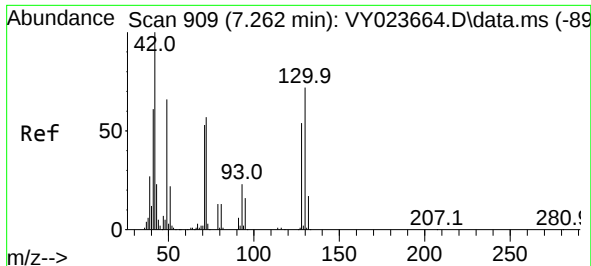
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.0

130 93.5 80.1 120.1





#29

Tetrahydrofuran

Concen: 96.803 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

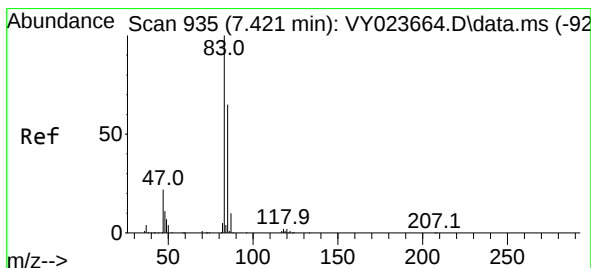
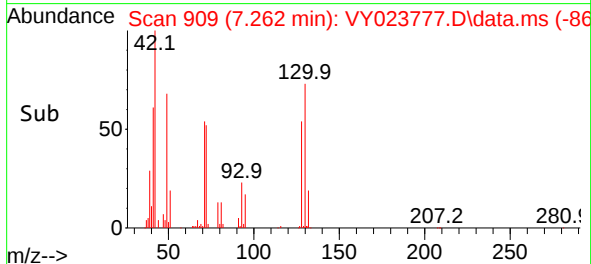
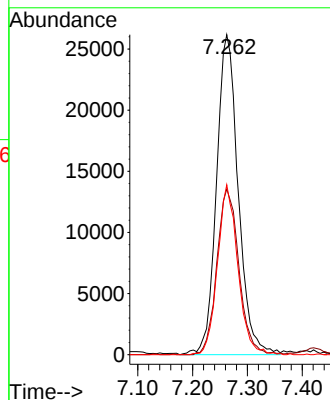
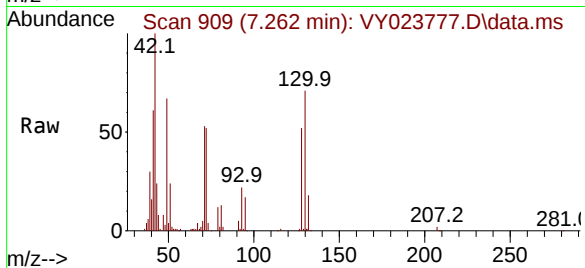
Tgt Ion: 42 Resp: 72197

Ion Ratio Lower Upper

42 100

72 52.5 43.4 65.2

71 49.5 40.7 61.1



#30

Chloroform

Concen: 20.538 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY023777.D

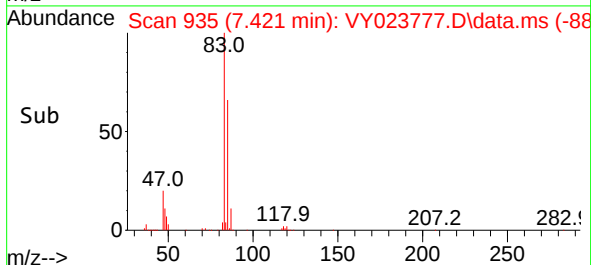
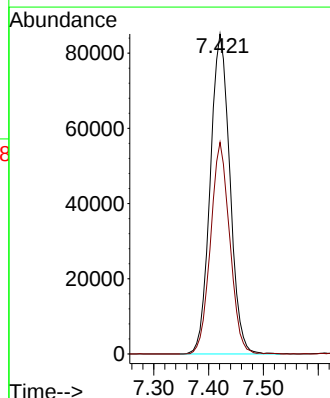
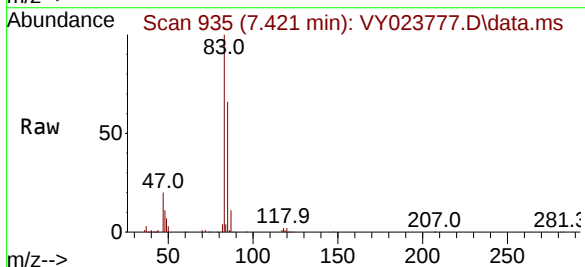
Acq: 13 Nov 2025 11:09

Tgt Ion: 83 Resp: 211322

Ion Ratio Lower Upper

83 100

85 66.2 52.1 78.1

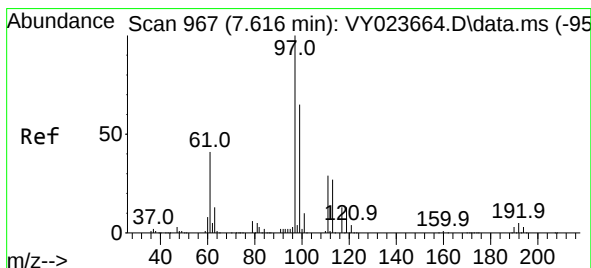
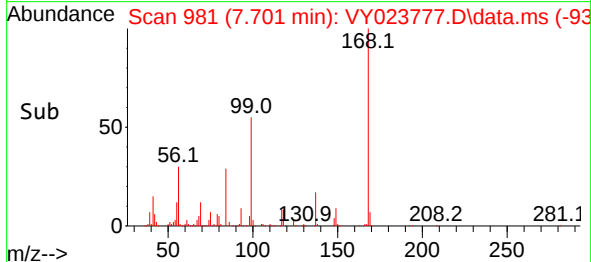
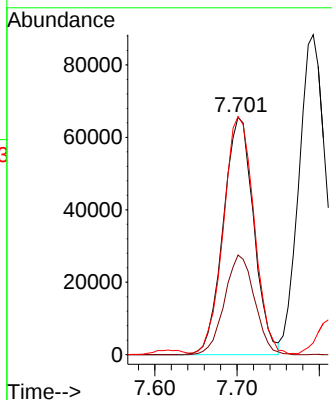
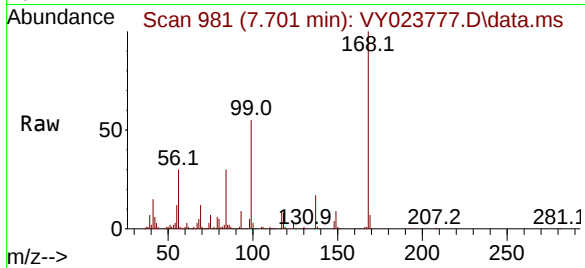




#31
Cyclohexane
Concen: 21.012 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

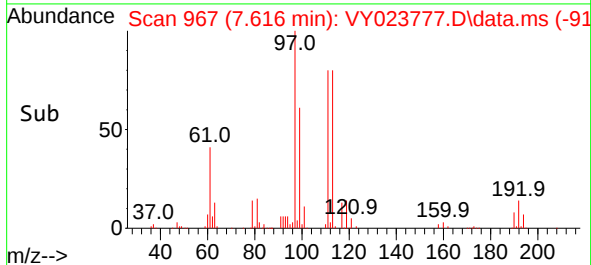
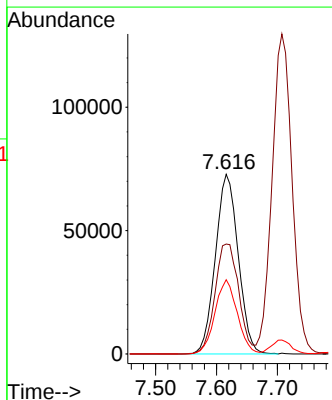
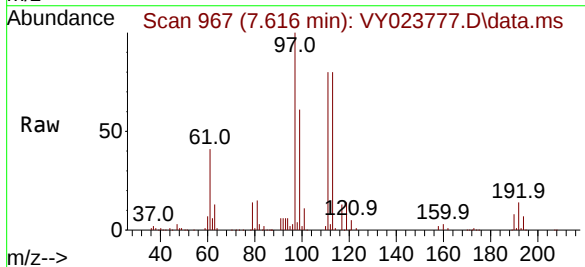
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

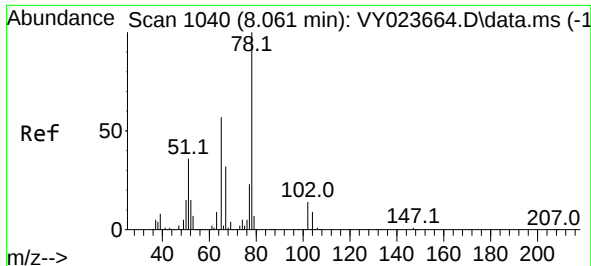
Tgt Ion: 56 Resp: 168746
Ion Ratio Lower Upper
56 100
69 42.0 30.5 45.7
84 98.4 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 20.580 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 97 Resp: 189251
Ion Ratio Lower Upper
97 100
99 64.3 51.5 77.3
61 40.5 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 51.755 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

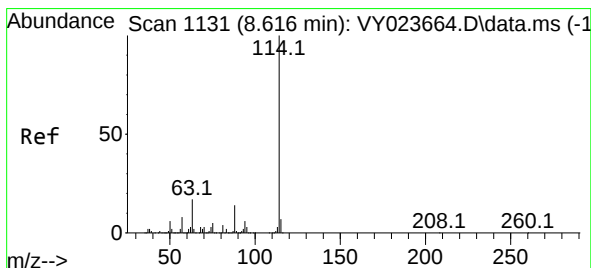
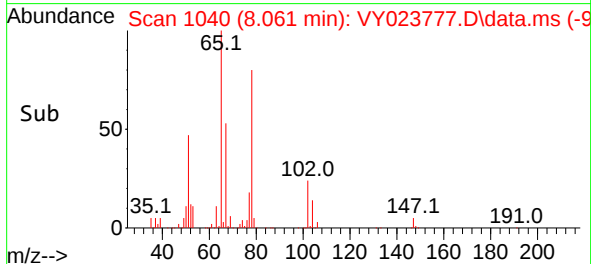
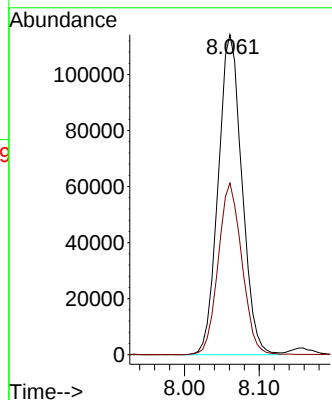
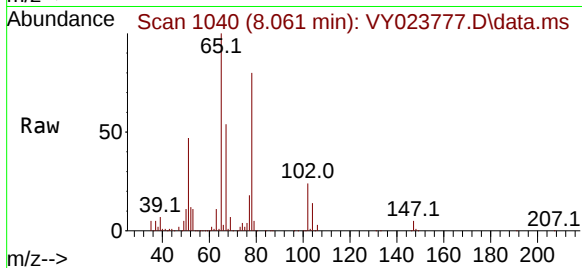
VY1113SBS01

Tgt Ion: 65 Resp: 252195

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

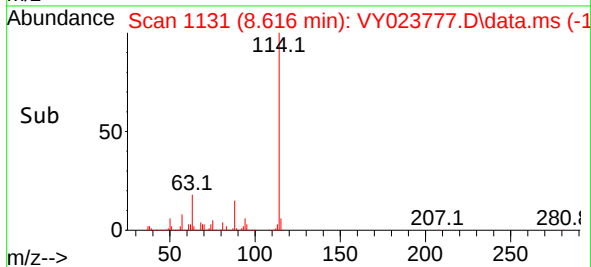
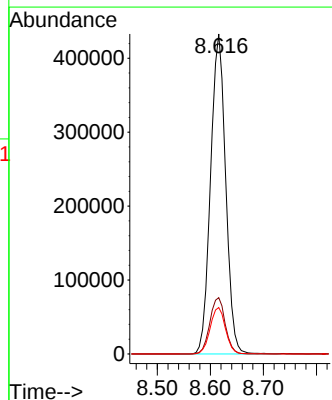
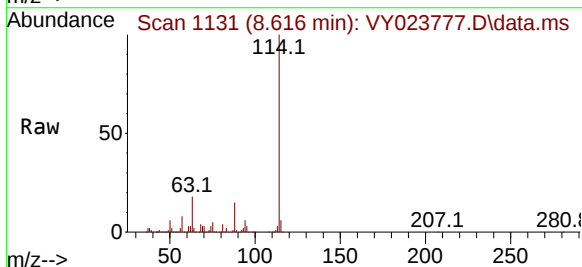
Tgt Ion: 114 Resp: 854908

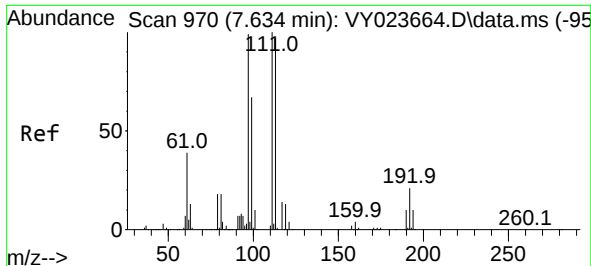
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.8

88 14.5 0.0 29.0

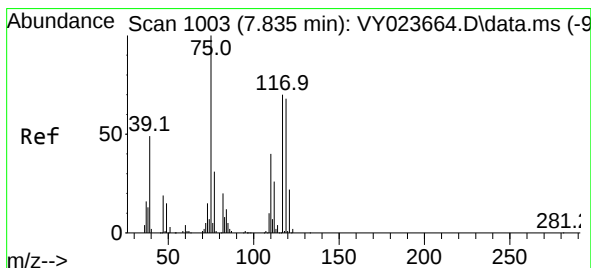
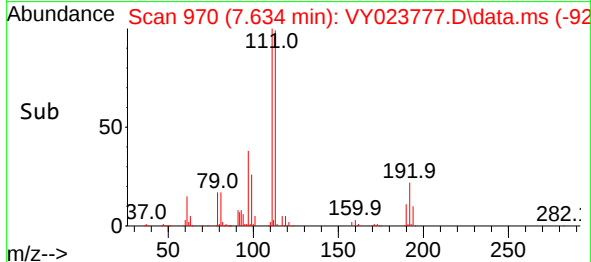
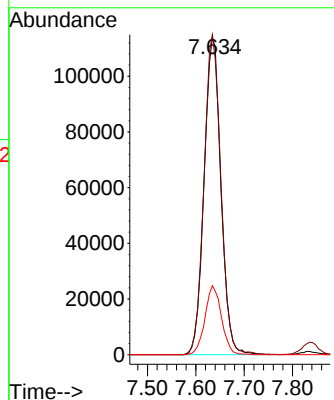
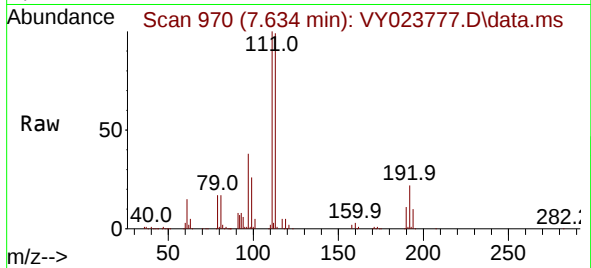




#35
Dibromofluoromethane
Concen: 51.560 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

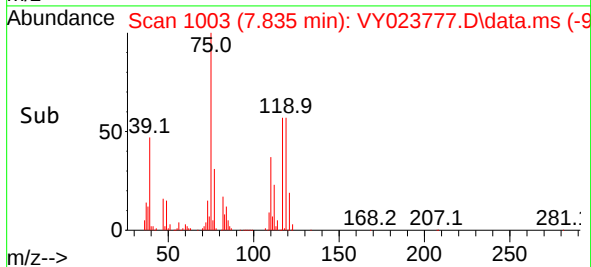
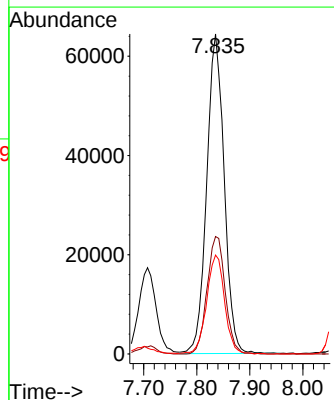
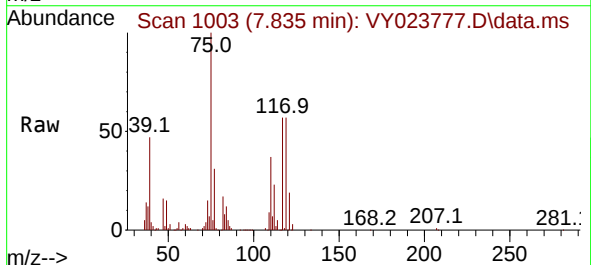
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

Tgt Ion:113 Resp: 275464
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 21.3 17.3 25.9



#36
1,1-Dichloropropene
Concen: 20.613 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 75 Resp: 147160
Ion Ratio Lower Upper
75 100
110 38.2 19.7 59.0
77 31.9 25.2 37.8

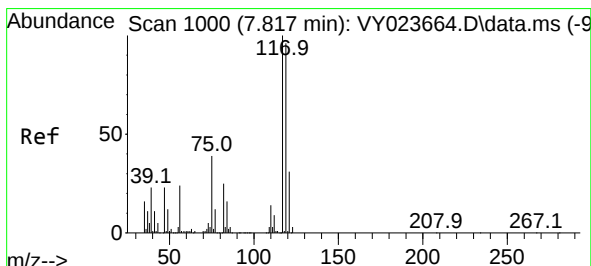
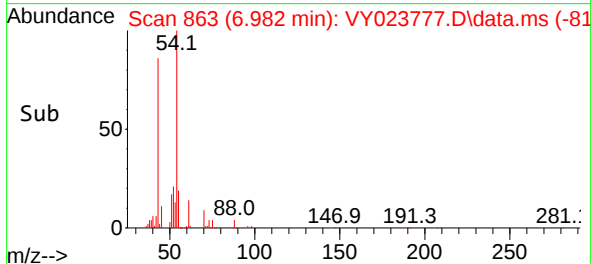
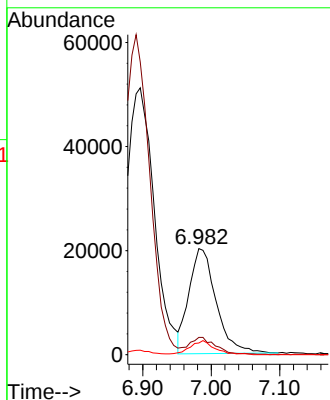
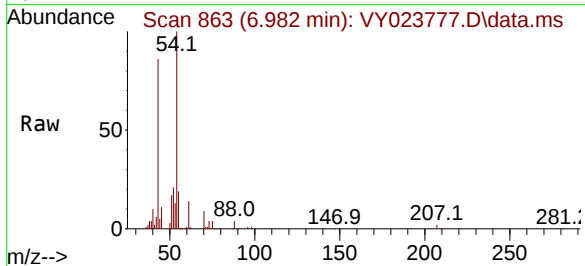




#37
Ethyl Acetate
Concen: 20.151 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

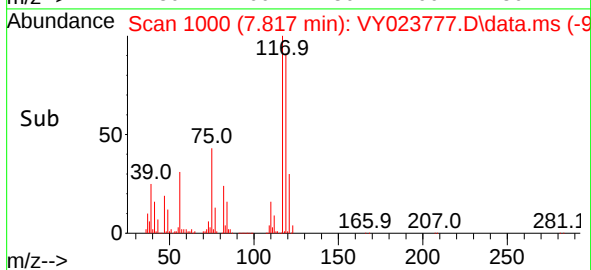
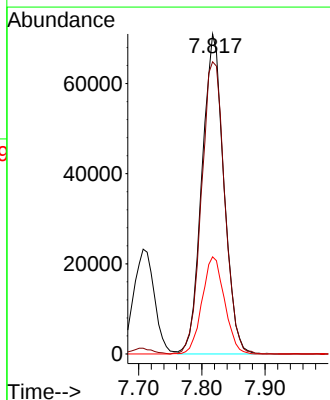
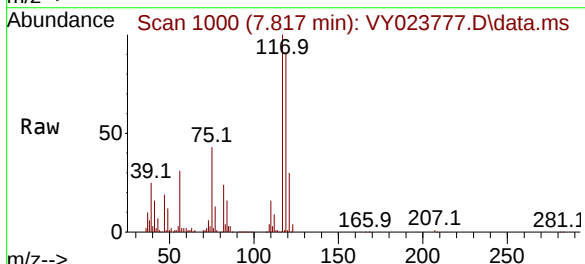
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

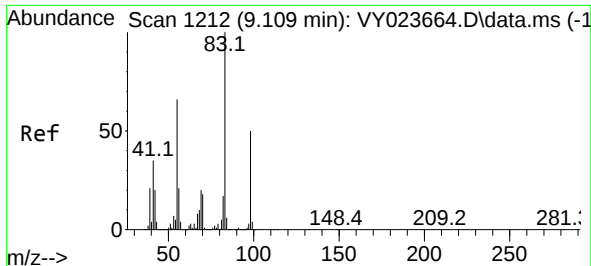
Tgt Ion: 43 Resp: 55692
Ion Ratio Lower Upper
43 100
61 15.9 12.4 18.6
70 12.2 9.8 14.8



#38
Carbon Tetrachloride
Concen: 20.332 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 117 Resp: 171022
Ion Ratio Lower Upper
117 100
119 91.3 76.3 114.5
121 30.3 24.8 37.2





#39

Methylcyclohexane

Concen: 19.816 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD01

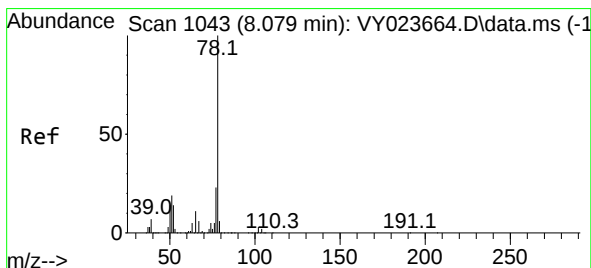
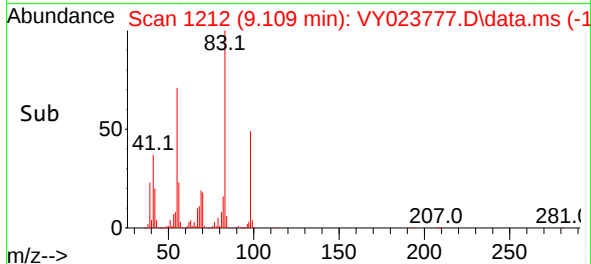
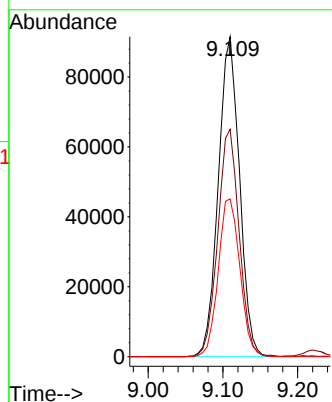
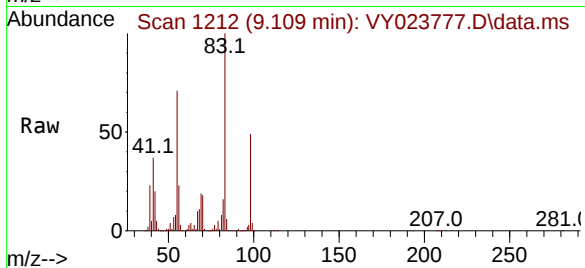
Tgt Ion: 83 Resp: 180758

Ion Ratio Lower Upper

83 100

55 71.1 52.6 78.8

98 49.3 39.7 59.5



#40

Benzene

Concen: 20.631 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY023777.D

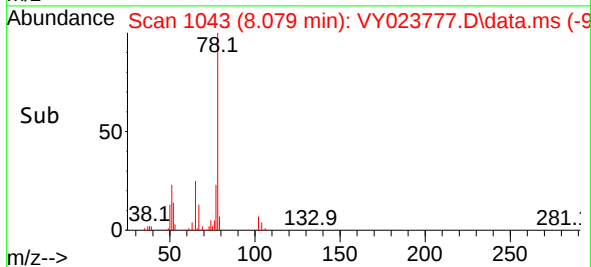
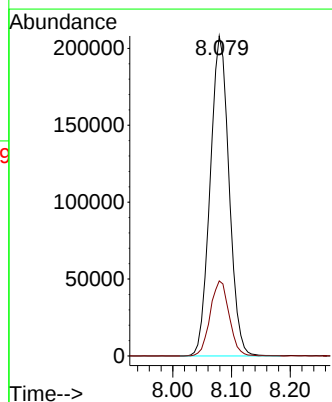
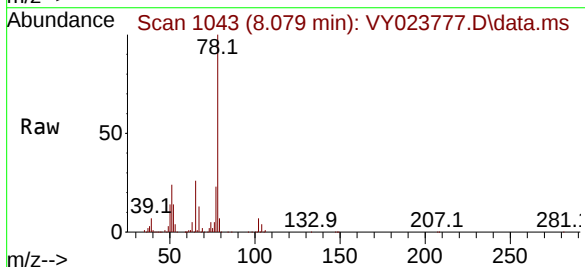
Acq: 13 Nov 2025 11:09

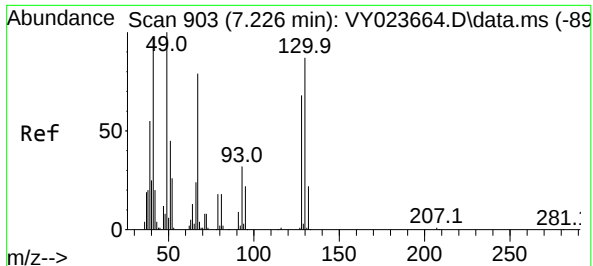
Tgt Ion: 78 Resp: 464263

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2

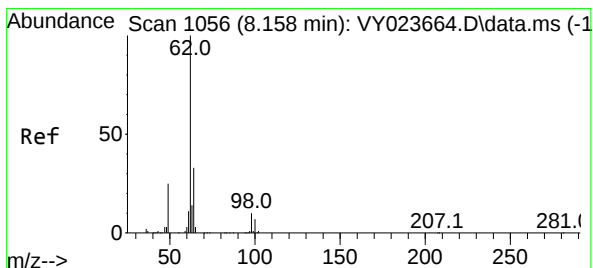
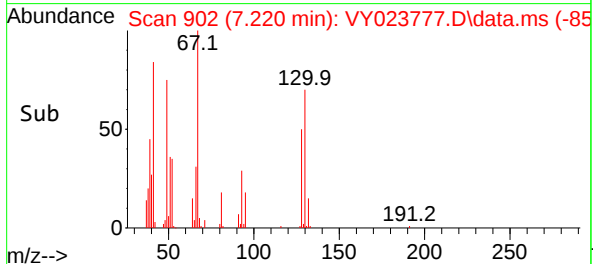
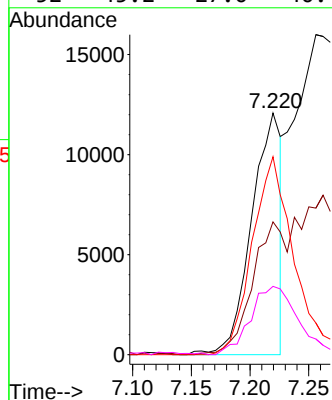
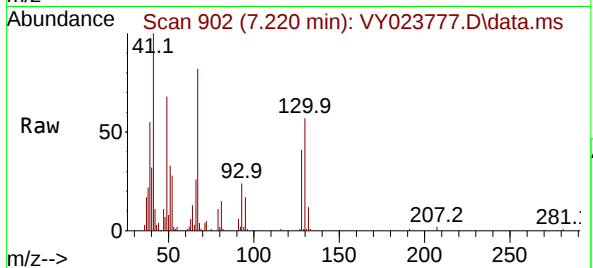




#41
Methacrylonitrile
Concen: 14.092 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

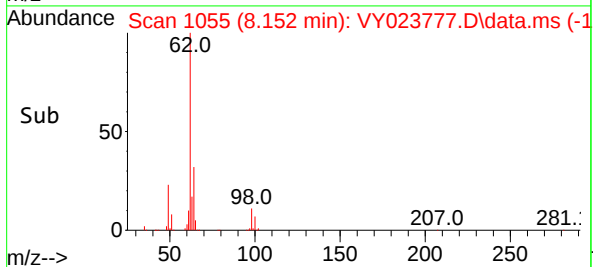
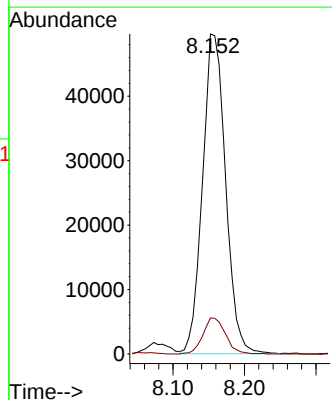
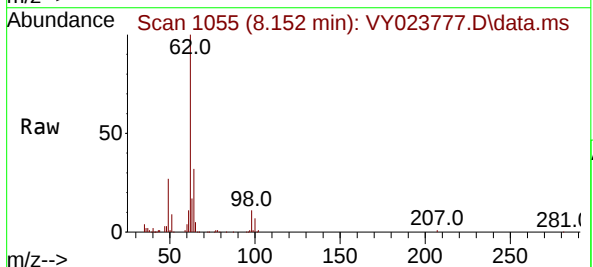
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

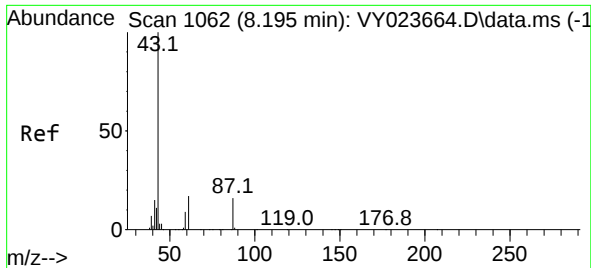
Tgt Ion:	41	Resp:	21258
Ion	Ratio	Lower	Upper
41	100		
39	63.1	38.6	57.8#
67	115.7	71.3	106.9#
52	45.2	27.0	40.4#



#42
1,2-Dichloroethane
Concen: 19.542 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion:	62	Resp:	111254
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.0

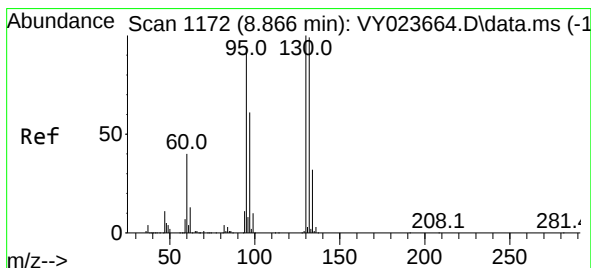
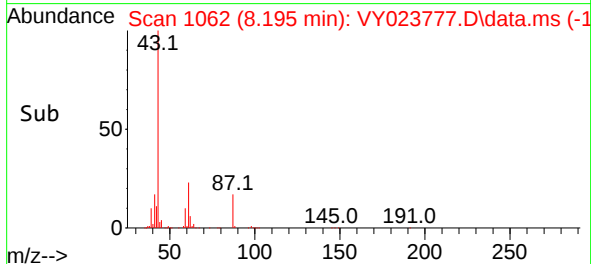
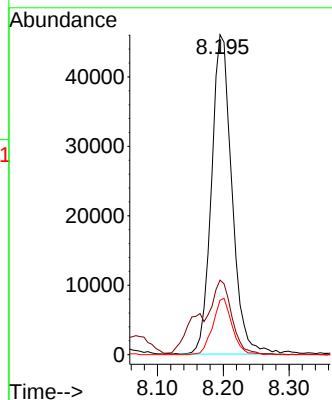
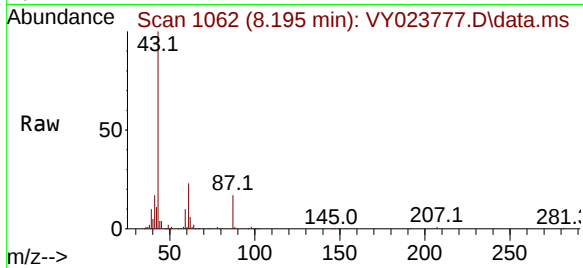




#43
Isopropyl Acetate
Concen: 19.194 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

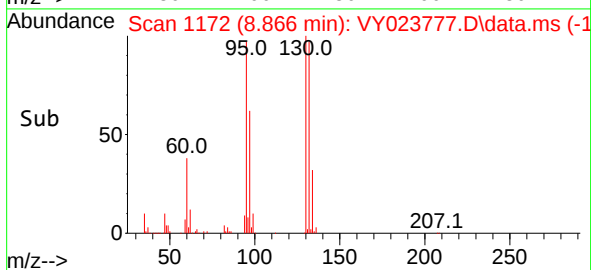
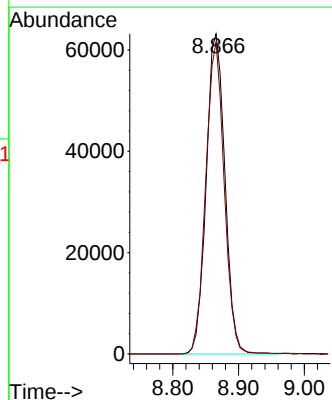
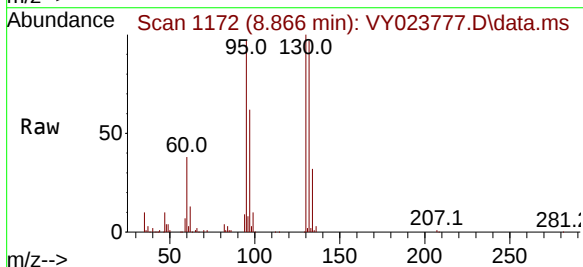
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

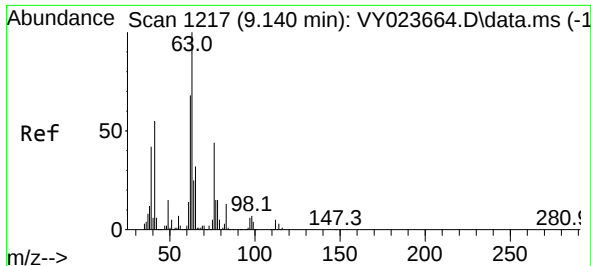
Tgt Ion:	43	Resp:	99669
Ion	Ratio	Lower	Upper
43	100		
61	23.4	18.2	27.2
87	16.7	13.3	19.9



#44
Trichloroethene
Concen: 19.325 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion:	130	Resp:	124906
Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	187.0





#45

1,2-Dichloropropane

Concen: 20.633 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

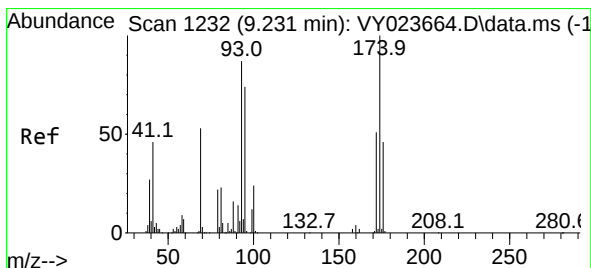
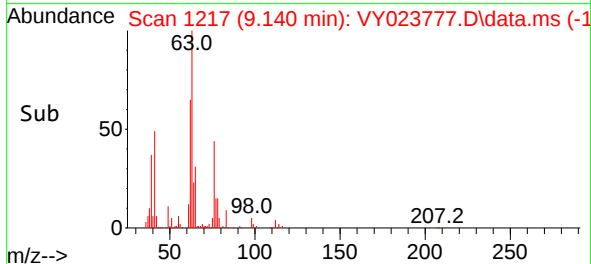
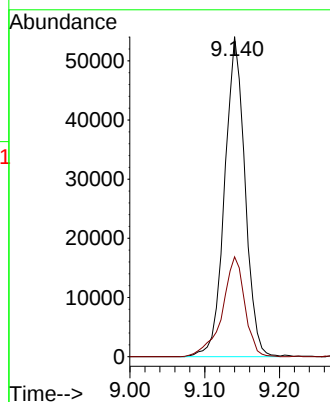
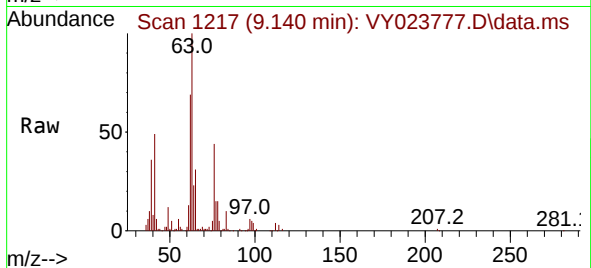
VY1113SBSD01

Tgt Ion: 63 Resp: 102474

Ion Ratio Lower Upper

63 100

65 31.2 25.6 38.4



#46

Dibromomethane

Concen: 19.450 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

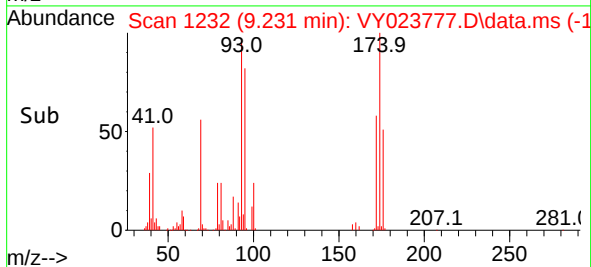
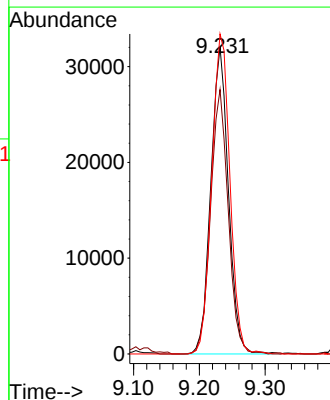
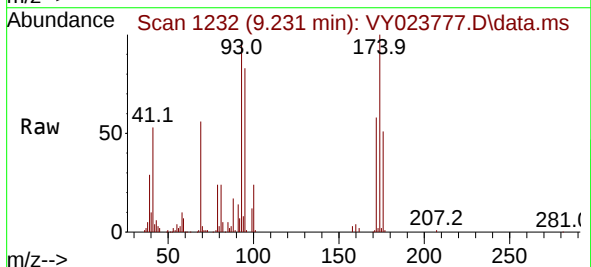
Tgt Ion: 93 Resp: 59853

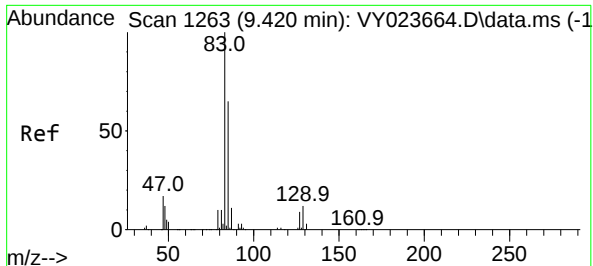
Ion Ratio Lower Upper

93 100

95 86.0 67.4 101.2

174 107.9 89.4 134.0

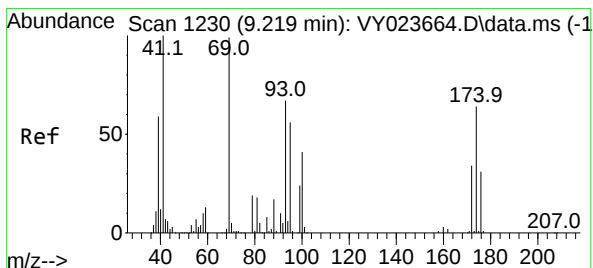
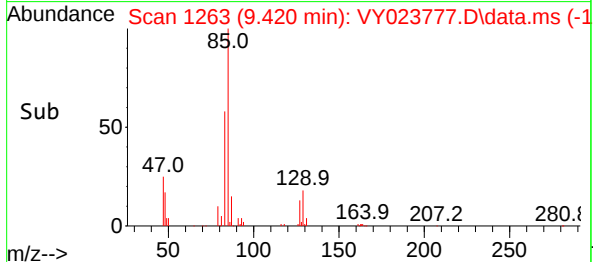
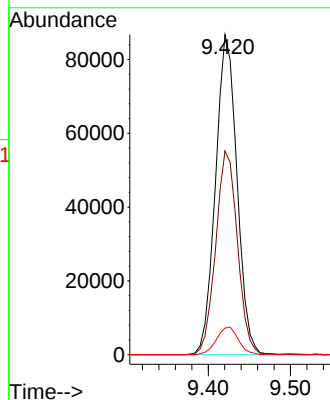
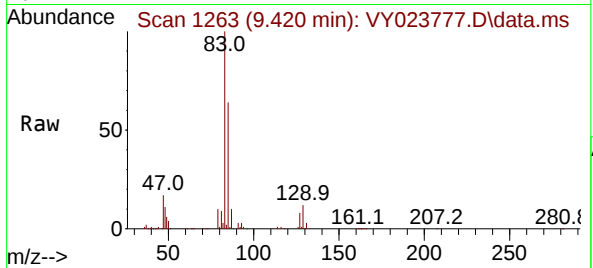




#47
Bromodichloromethane
Concen: 20.289 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

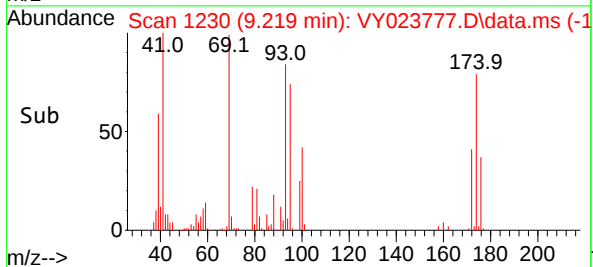
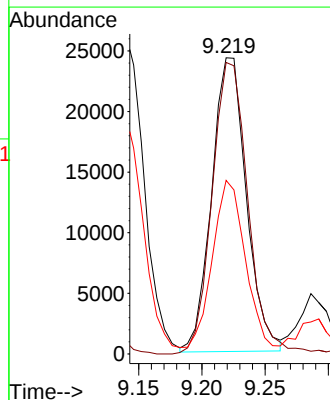
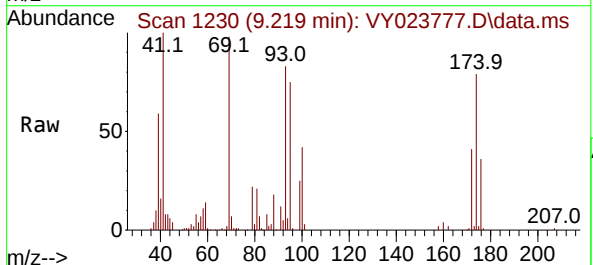
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

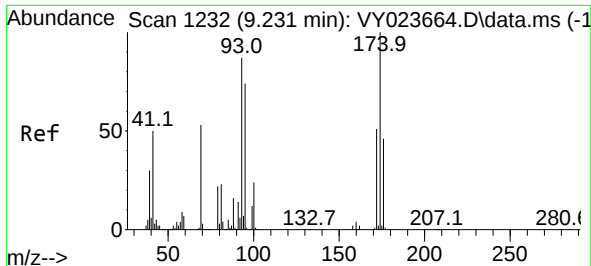
Tgt Ion: 83 Resp: 157413
Ion Ratio Lower Upper
83 100
85 63.6 52.1 78.1
127 8.3 7.5 11.3



#48
Methyl methacrylate
Concen: 18.879 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 41 Resp: 46318
Ion Ratio Lower Upper
41 100
69 102.5 80.2 120.2
39 53.3 47.4 71.0





#49

1,4-Dioxane

Concen: 382.065 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD01

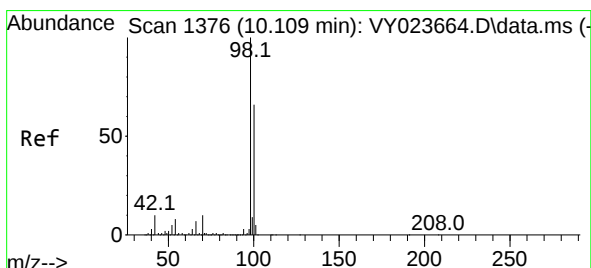
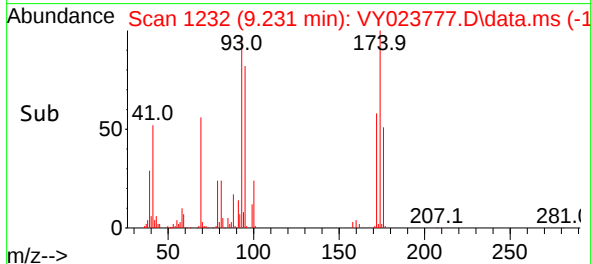
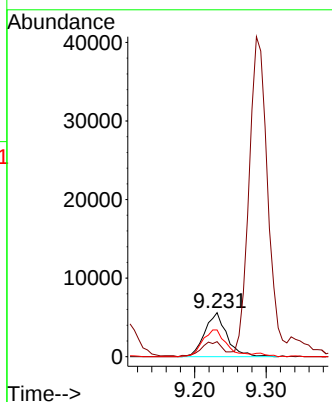
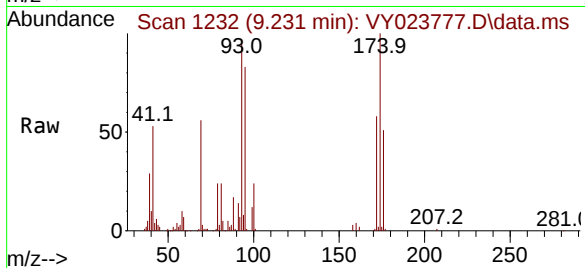
Tgt Ion: 88 Resp: 12032

Ion Ratio Lower Upper

88 100

43 32.0 22.0 33.0

58 66.1 47.8 71.8



#50

Toluene-d8

Concen: 52.853 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY023777.D

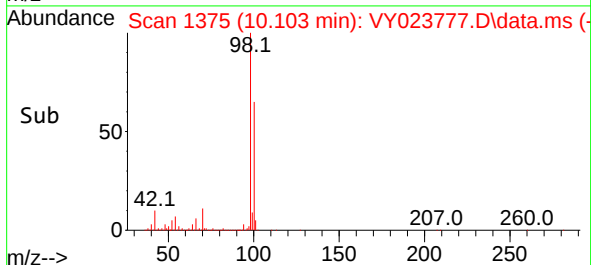
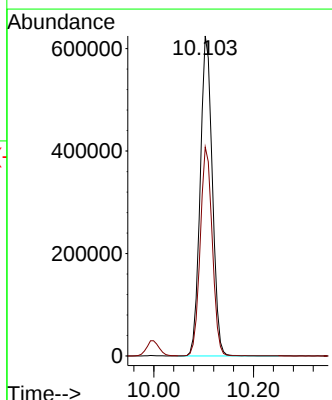
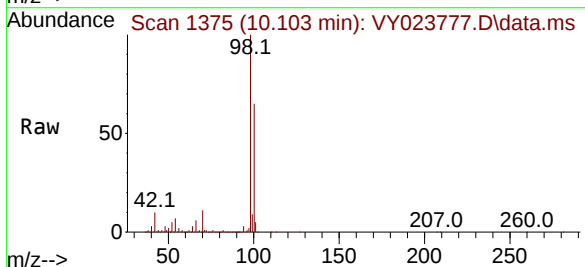
Acq: 13 Nov 2025 11:09

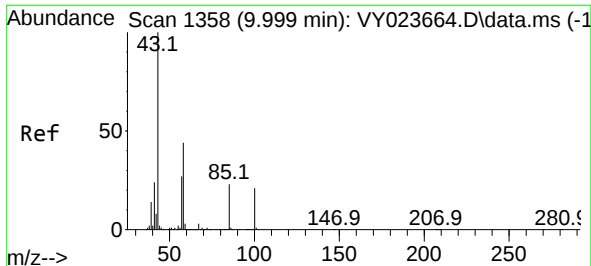
Tgt Ion: 98 Resp: 1051858

Ion Ratio Lower Upper

98 100

100 64.9 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 97.332 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

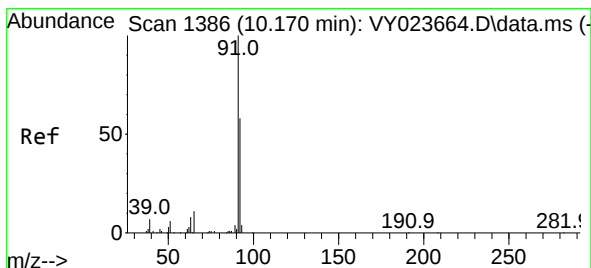
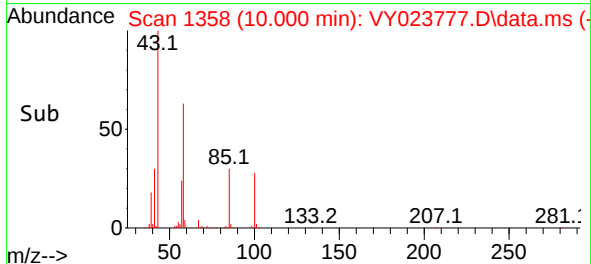
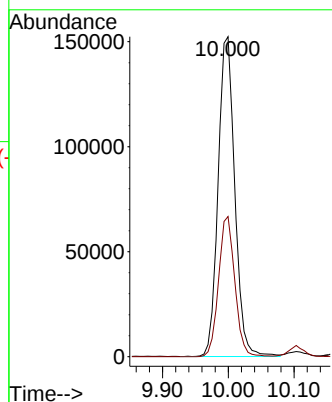
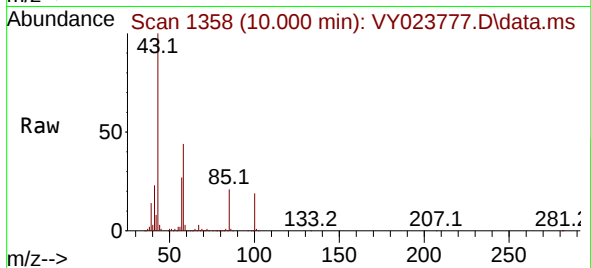
VY1113SBSD01

Tgt Ion: 43 Resp: 268785

Ion Ratio Lower Upper

43 100

58 42.8 34.8 52.2



#52

Toluene

Concen: 20.627 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023777.D

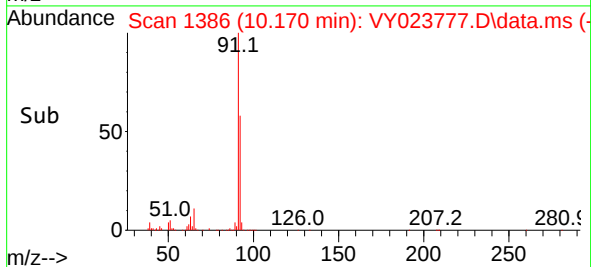
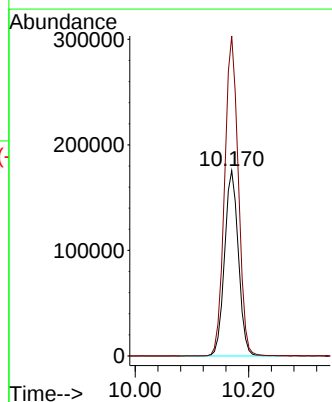
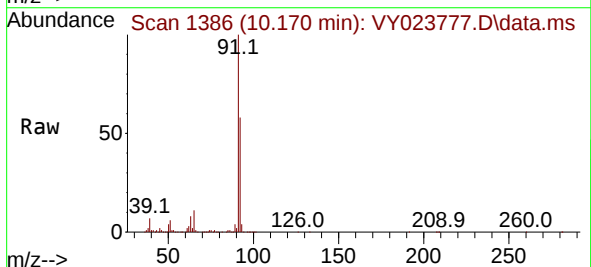
Acq: 13 Nov 2025 11:09

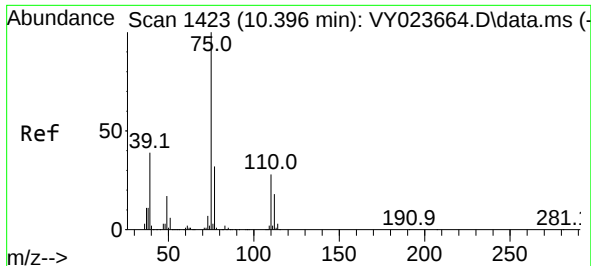
Tgt Ion: 92 Resp: 296348

Ion Ratio Lower Upper

92 100

91 171.5 137.8 206.8

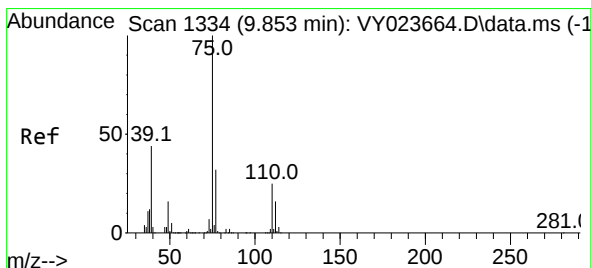
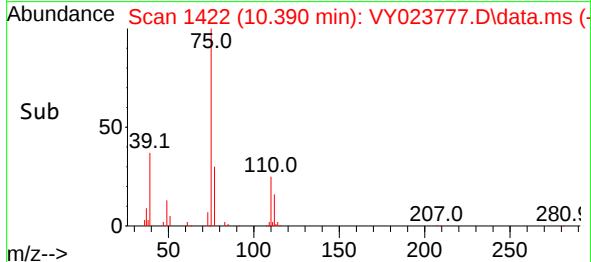
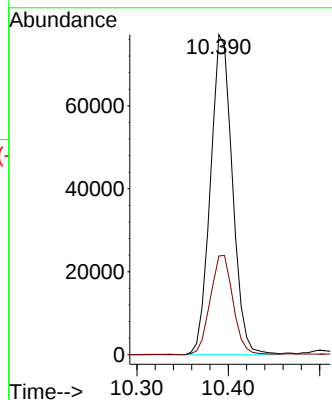
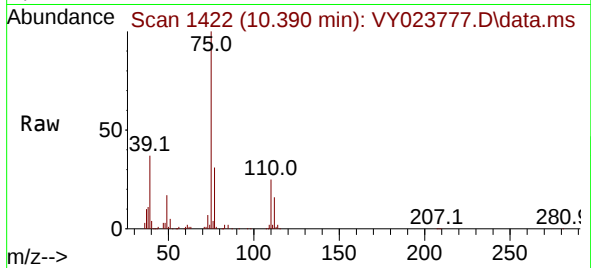




#53
 t-1,3-Dichloropropene
 Concen: 19.620 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY023777.D
 Acq: 13 Nov 2025 11:09

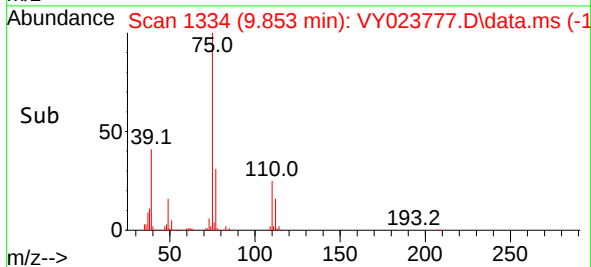
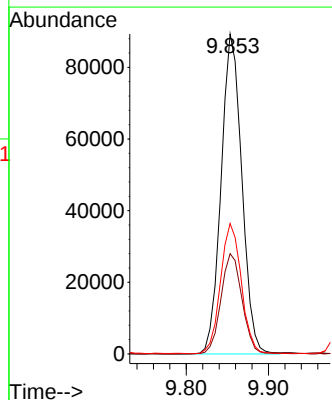
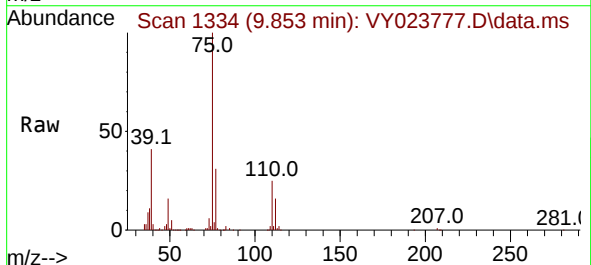
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBSD01

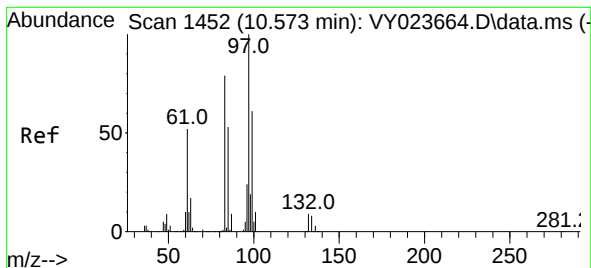
Tgt Ion: 75 Resp: 128802
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.931 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY023777.D
 Acq: 13 Nov 2025 11:09

Tgt Ion: 75 Resp: 156760
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5
 39 40.5 34.9 52.3





#55

1,1,2-Trichloroethane

Concen: 19.717 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD01

Tgt Ion: 97 Resp: 81084

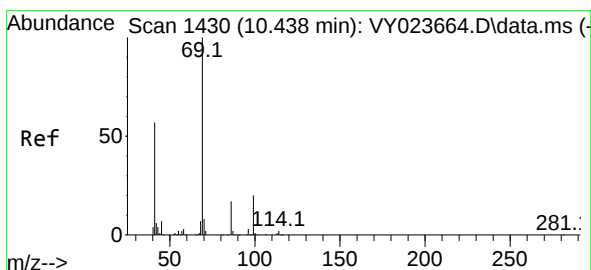
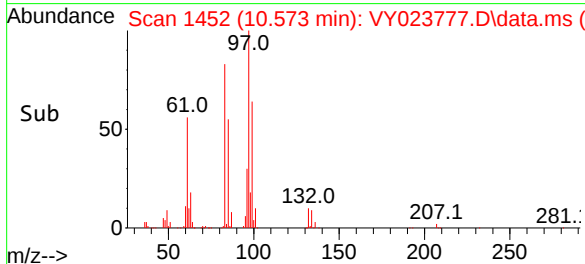
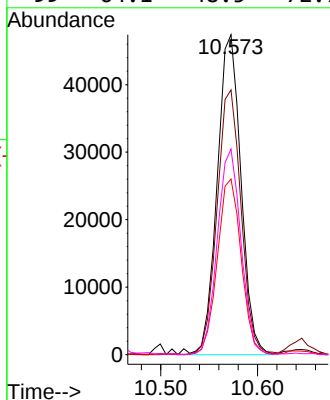
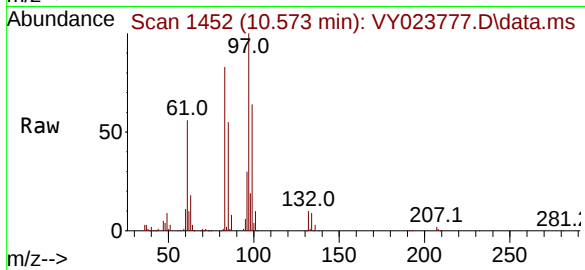
Ion Ratio Lower Upper

97 100

83 82.6 63.3 94.9

85 54.9 42.4 63.6

99 64.1 48.5 72.7



#56

Ethyl methacrylate

Concen: 18.895 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

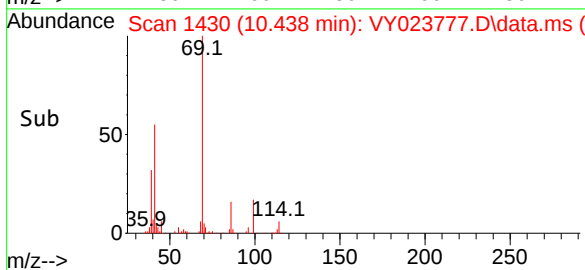
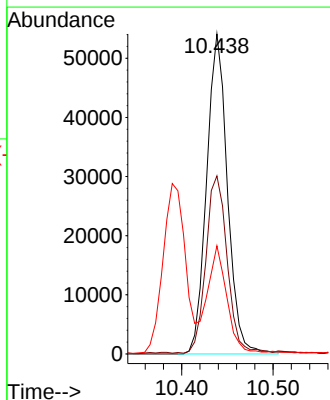
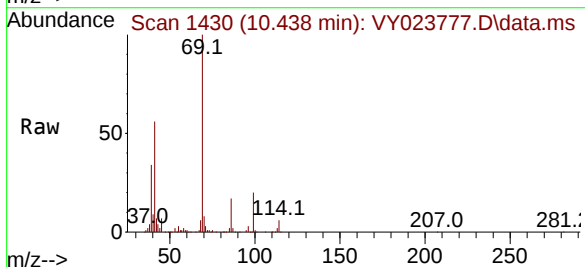
Tgt Ion: 69 Resp: 85612

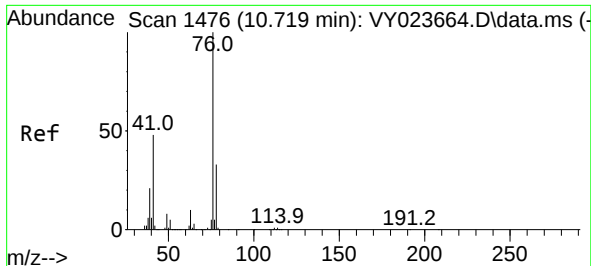
Ion Ratio Lower Upper

69 100

41 56.4 45.0 67.4

39 31.4 25.1 37.7





#57

1,3-Dichloropropane

Concen: 19.876 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

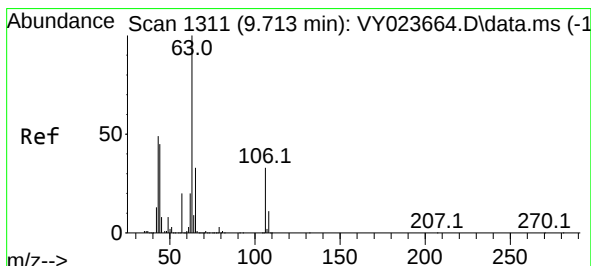
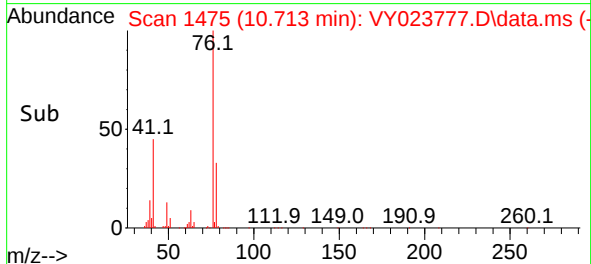
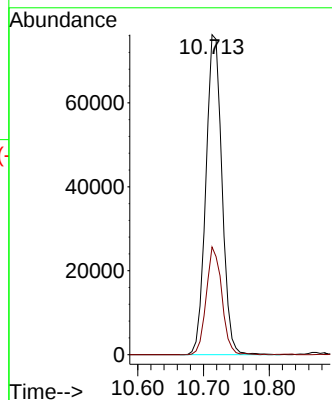
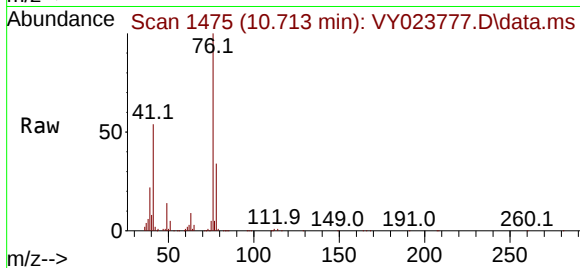
VY1113SBSD01

Tgt Ion: 76 Resp: 129649

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 98.226 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY023777.D

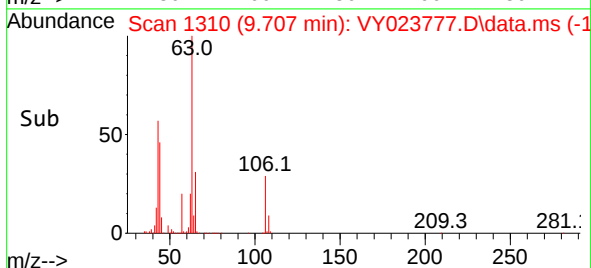
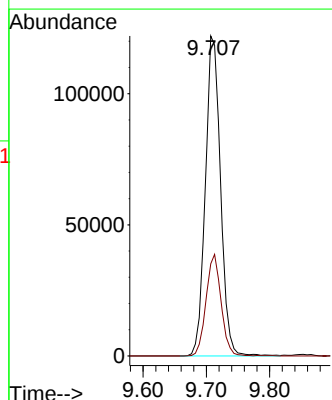
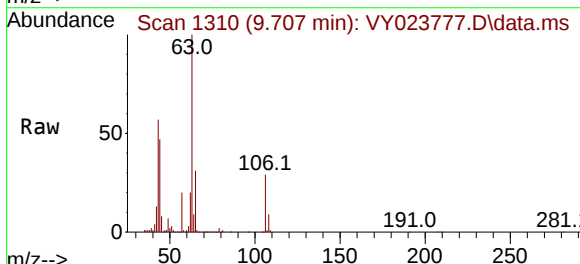
Acq: 13 Nov 2025 11:09

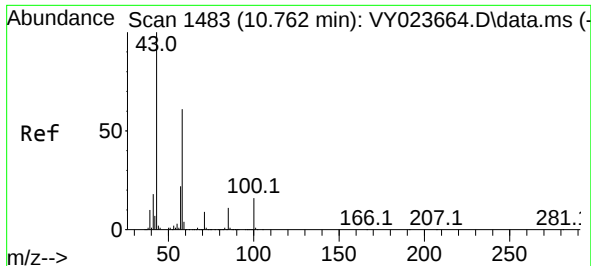
Tgt Ion: 63 Resp: 204228

Ion Ratio Lower Upper

63 100

106 31.3 26.2 39.2

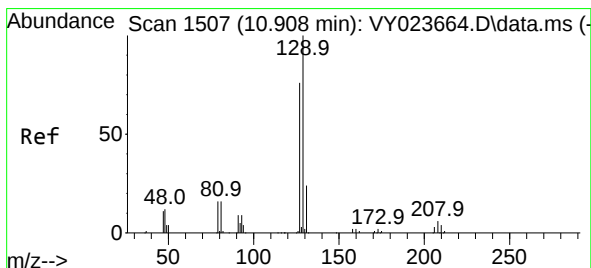
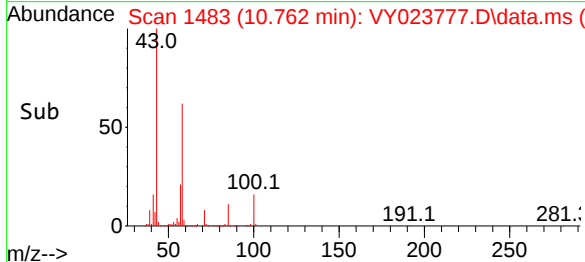
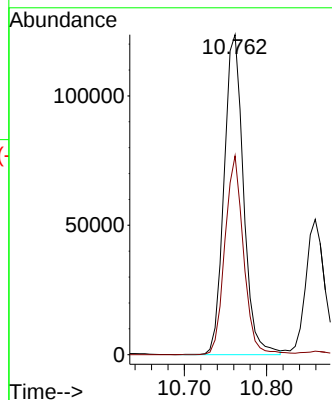
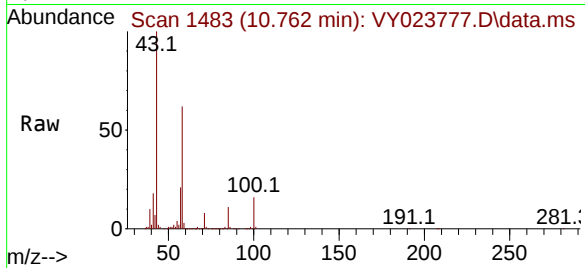




#59
2-Hexanone
Concen: 101.011 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

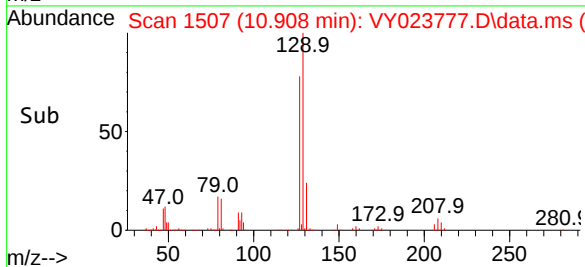
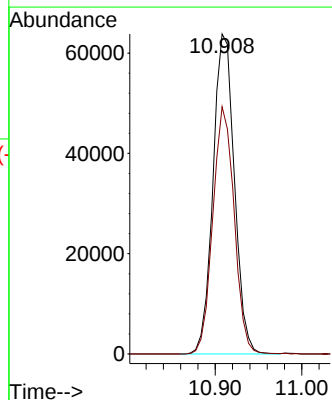
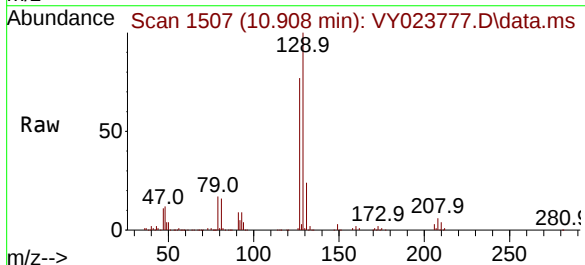
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

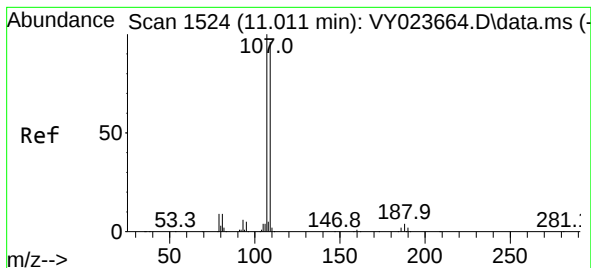
Tgt Ion: 43 Resp: 203510
Ion Ratio Lower Upper
43 100
58 59.8 30.2 90.6



#60
Dibromochloromethane
Concen: 19.351 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 129 Resp: 109344
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2

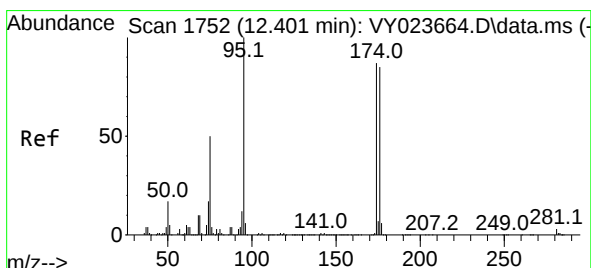
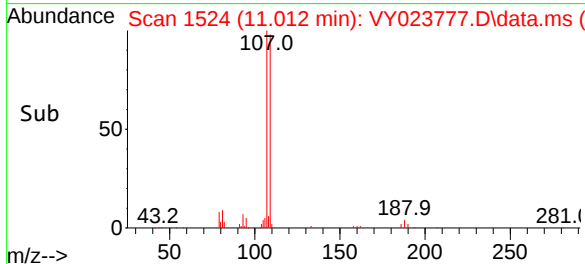
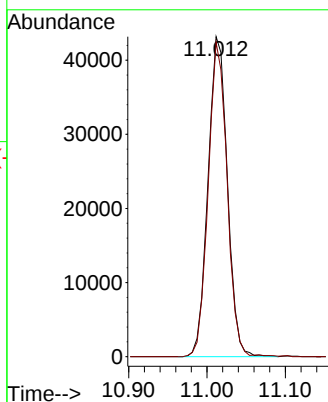
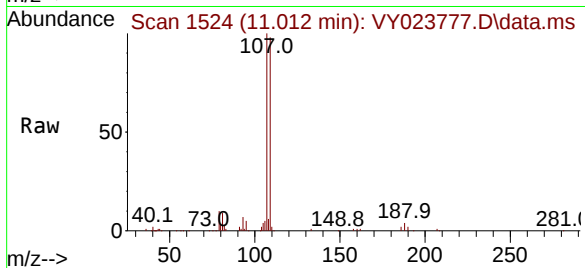




#61
1,2-Dibromoethane
Concen: 19.205 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

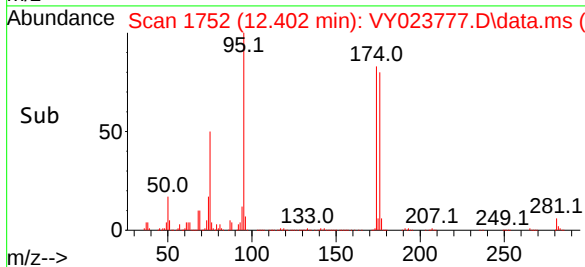
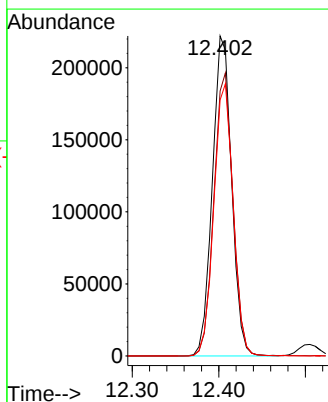
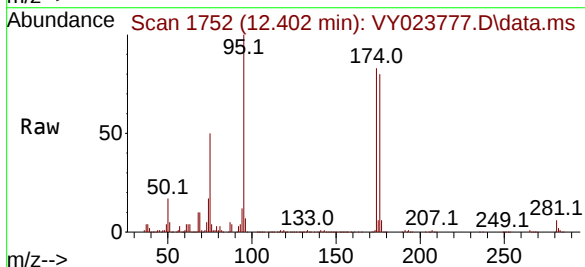
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

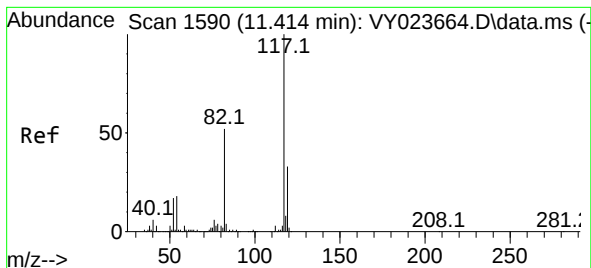
Tgt Ion:107 Resp: 74118
Ion Ratio Lower Upper
107 100
109 95.7 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 53.214 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 95 Resp: 342483
Ion Ratio Lower Upper
95 100
174 87.9 0.0 184.8
176 85.5 0.0 181.6

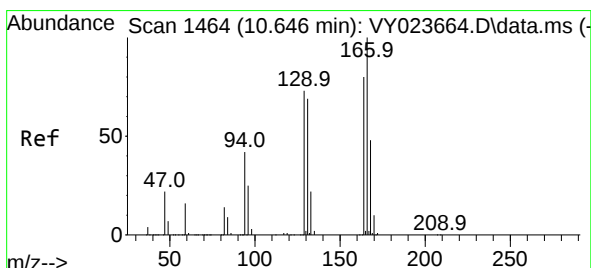
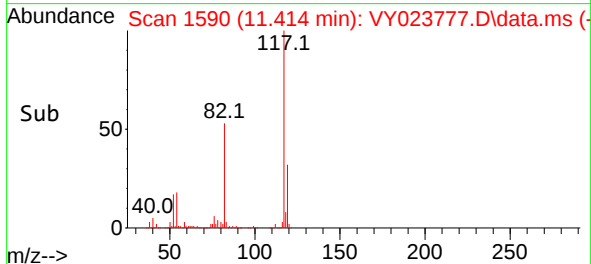
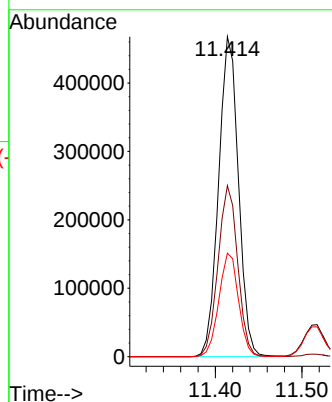
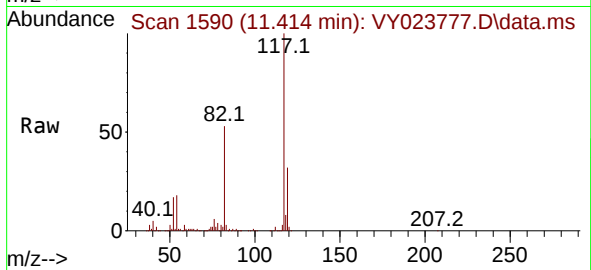




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

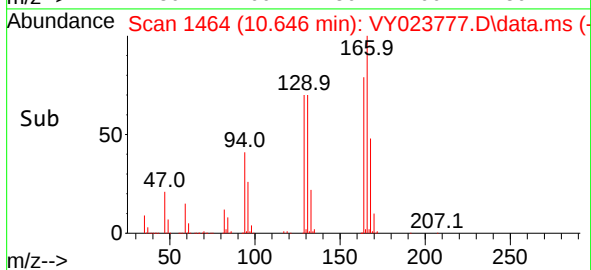
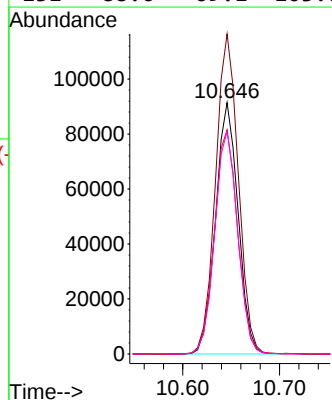
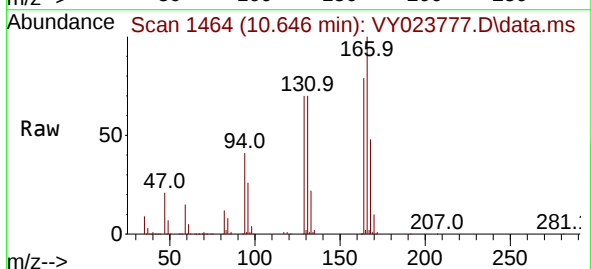
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

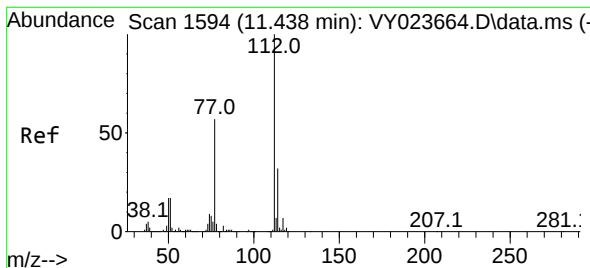
Tgt Ion:117 Resp: 744787
Ion Ratio Lower Upper
117 100
82 53.5 41.2 61.8
119 32.4 26.2 39.2



#64
Tetrachloroethene
Concen: 19.069 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion:164 Resp: 147823
Ion Ratio Lower Upper
164 100
166 127.3 99.5 149.3
129 89.2 72.3 108.5
131 88.6 69.1 103.7





#65

Chlorobenzene

Concen: 19.933 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

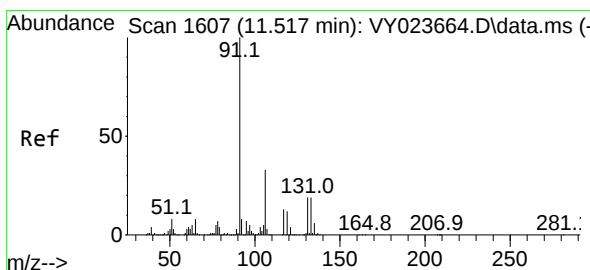
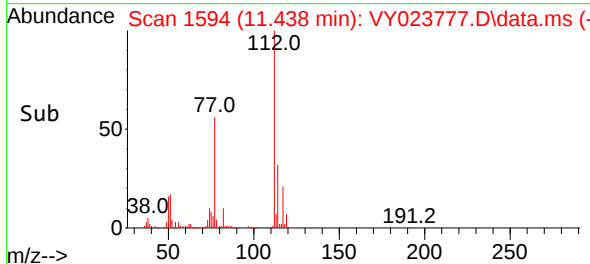
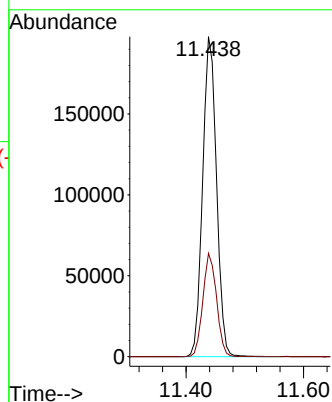
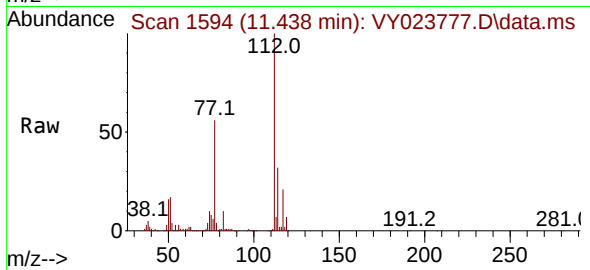
VY1113SBSD01

Tgt Ion:112 Resp: 323200

Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.686 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

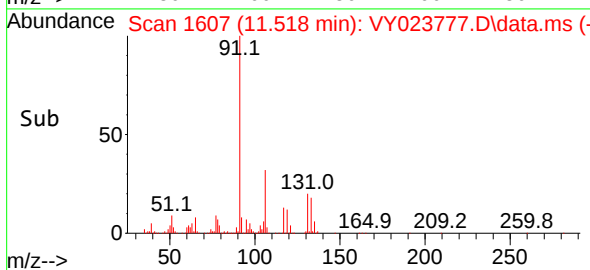
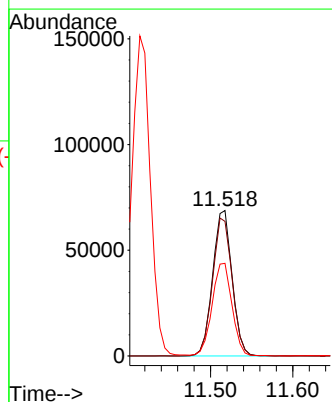
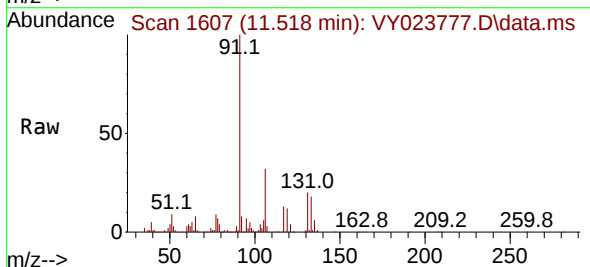
Tgt Ion:131 Resp: 112867

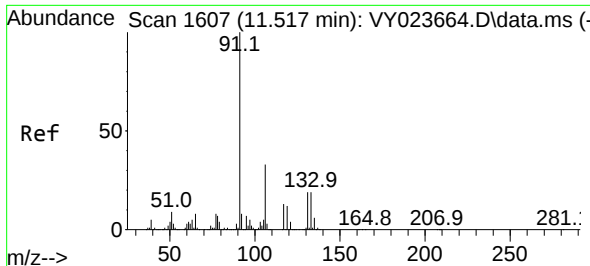
Ion Ratio Lower Upper

131 100

133 95.6 47.3 141.8

119 65.5 32.5 97.4

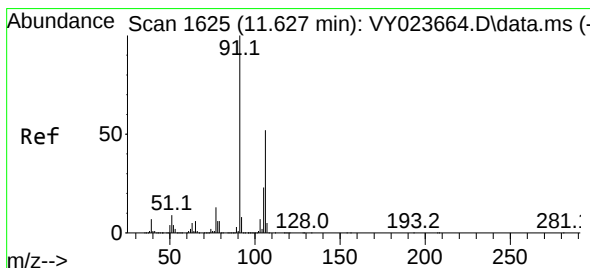
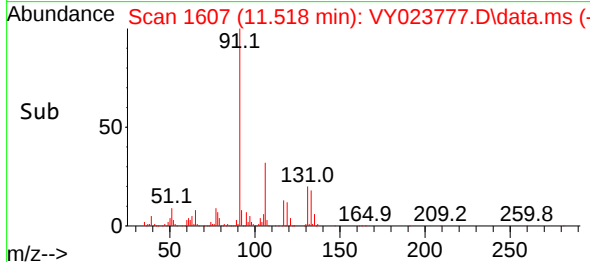
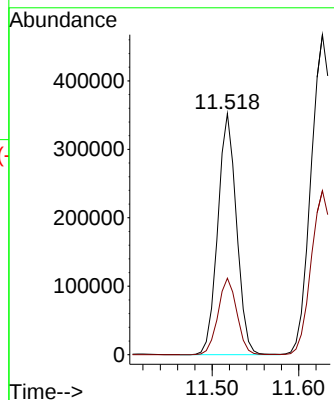
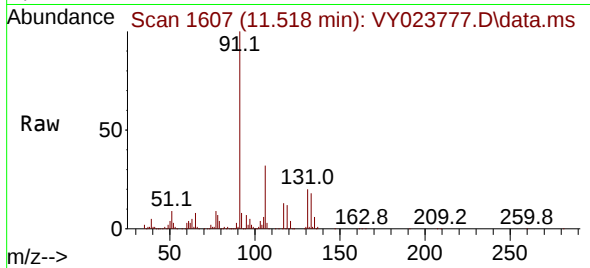




#67
Ethyl Benzene
Concen: 20.107 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

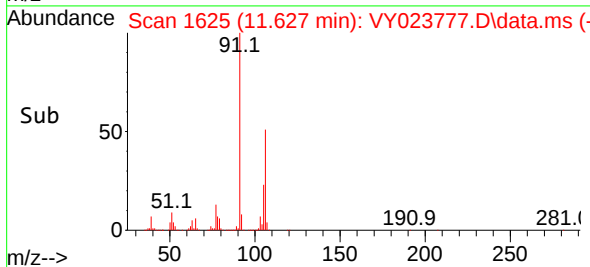
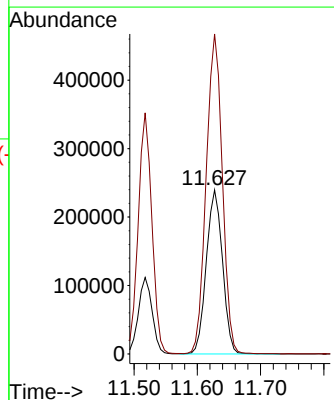
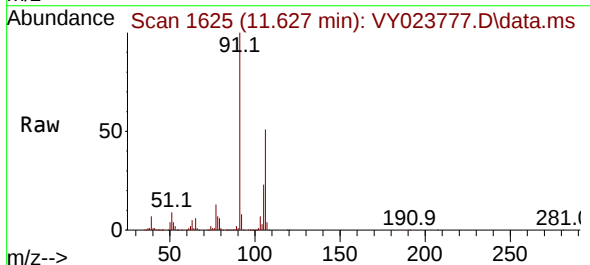
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

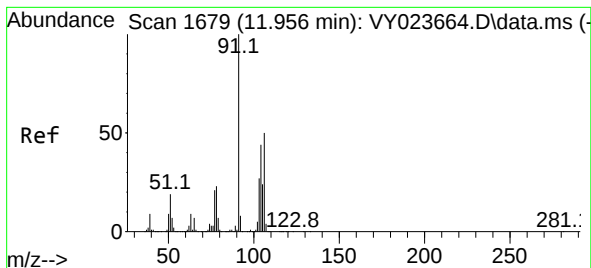
Tgt Ion: 91 Resp: 527652
Ion Ratio Lower Upper
91 100
106 31.7 26.6 40.0



#68
m/p-Xylenes
Concen: 40.716 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 106 Resp: 426889
Ion Ratio Lower Upper
106 100
91 194.5 154.3 231.5

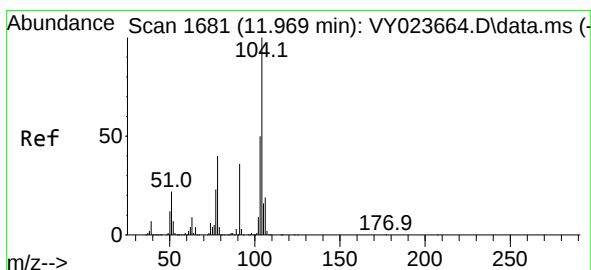
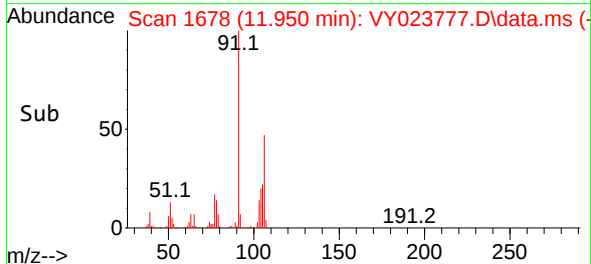
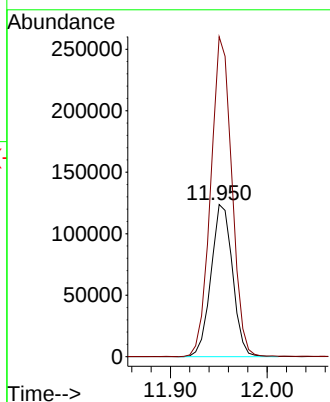
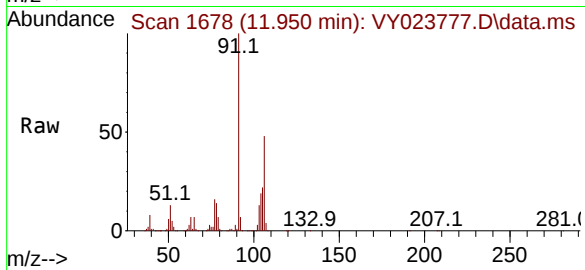




#69
o-Xylene
Concen: 19.711 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

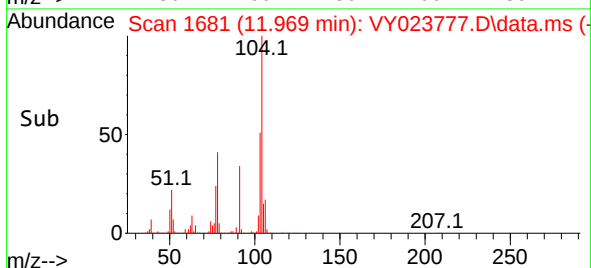
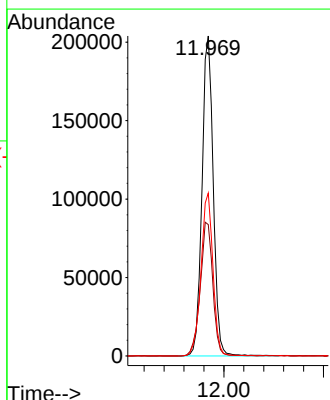
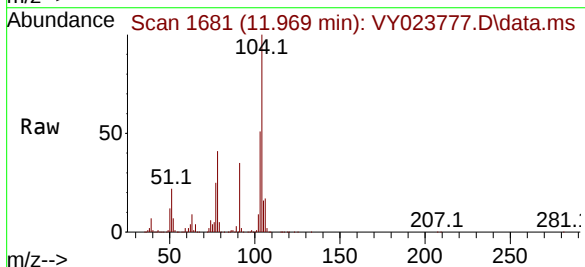
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

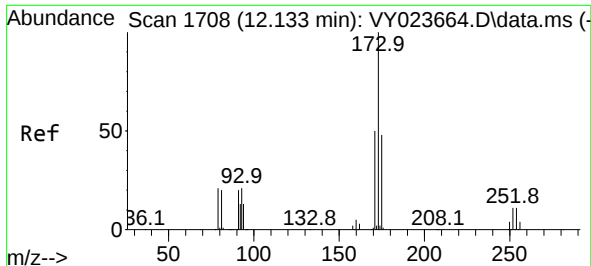
Tgt Ion:106 Resp: 191040
Ion Ratio Lower Upper
106 100
91 207.0 101.6 304.6



#70
Styrene
Concen: 19.999 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion:104 Resp: 319808
Ion Ratio Lower Upper
104 100
78 46.6 36.5 54.7
103 54.2 43.7 65.5

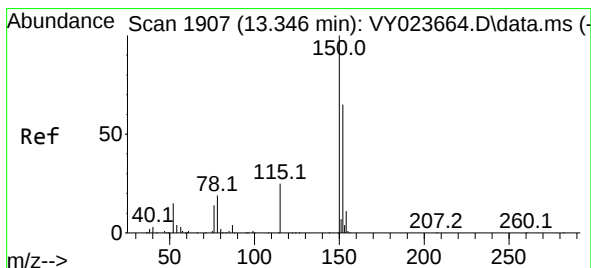
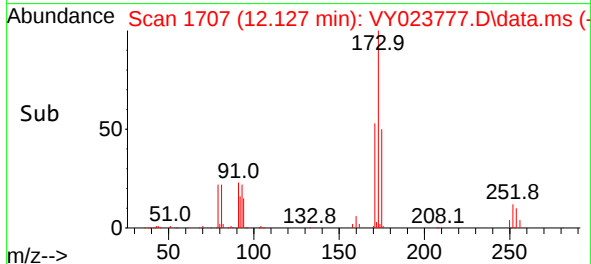
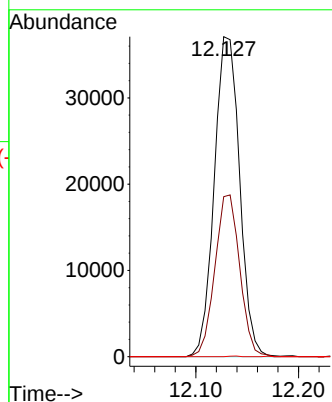
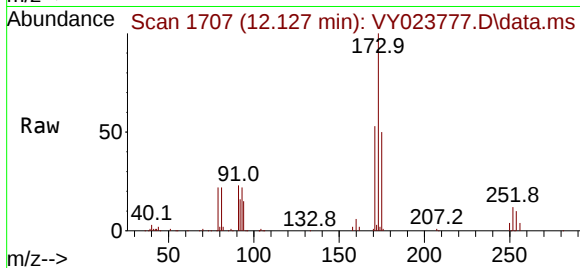




#71
Bromoform
Concen: 18.945 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

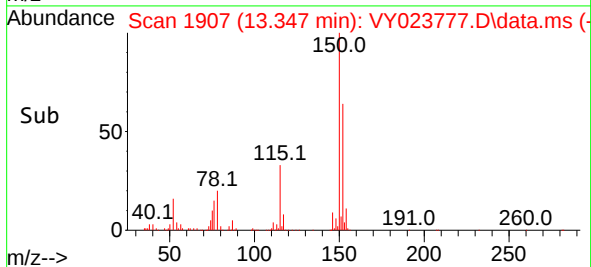
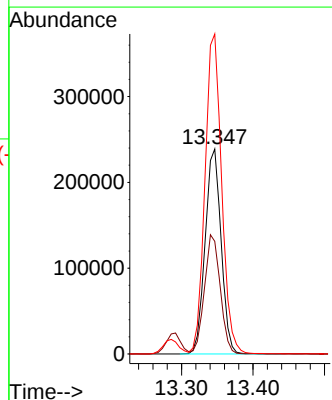
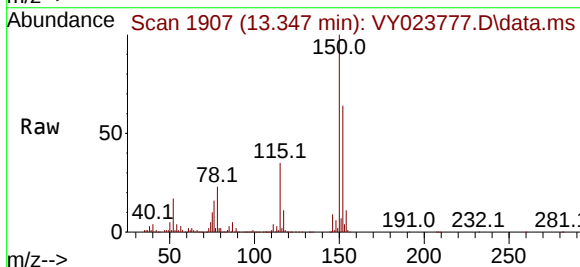
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

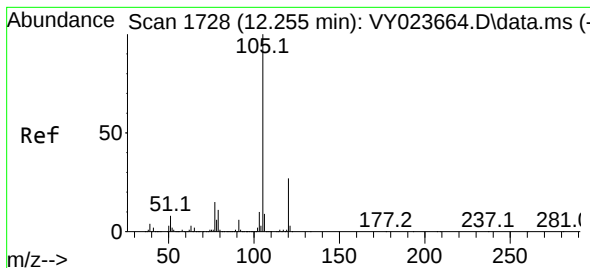
Tgt Ion:173 Resp: 63439
Ion Ratio Lower Upper
173 100
175 49.5 24.2 72.6
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion:152 Resp: 370605
Ion Ratio Lower Upper
152 100
115 57.3 27.5 82.5
150 162.8 0.0 349.0





#73

Isopropylbenzene

Concen: 20.296 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

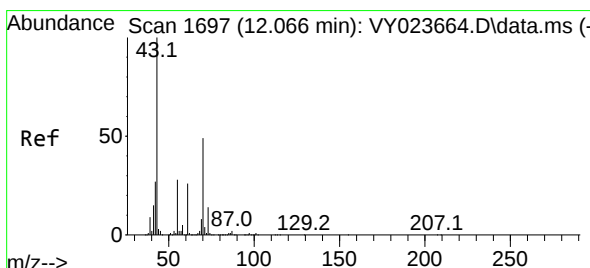
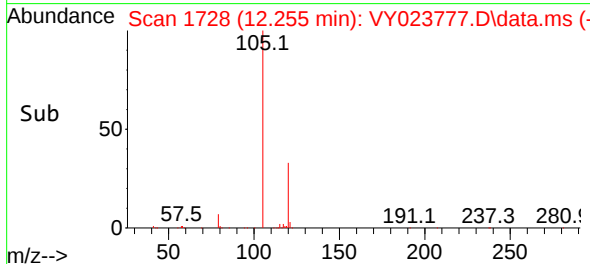
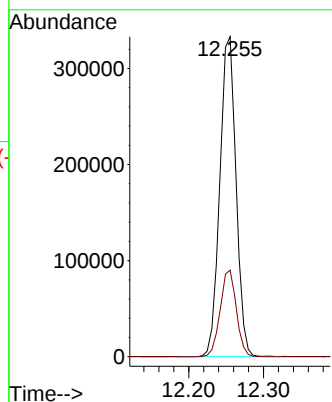
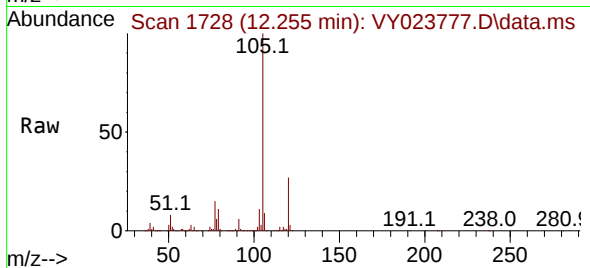
VY1113SBSD01

Tgt Ion:105 Resp: 503084

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



#74

N-ethyl acetate

Concen: 19.792 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Tgt Ion: 43 Resp: 83057

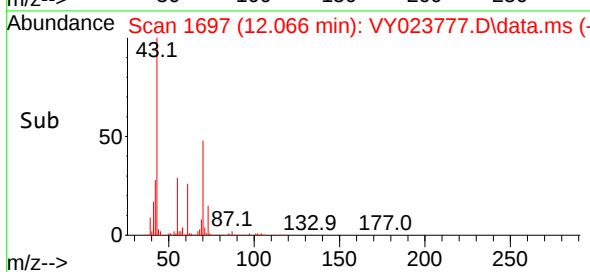
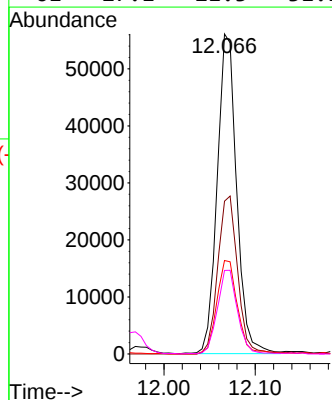
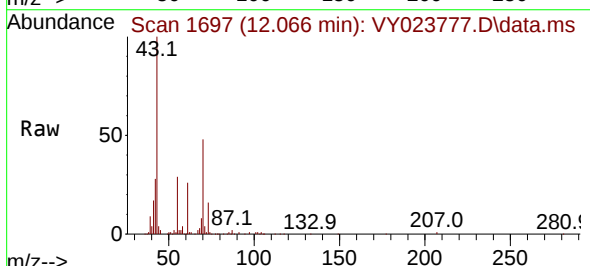
Ion Ratio Lower Upper

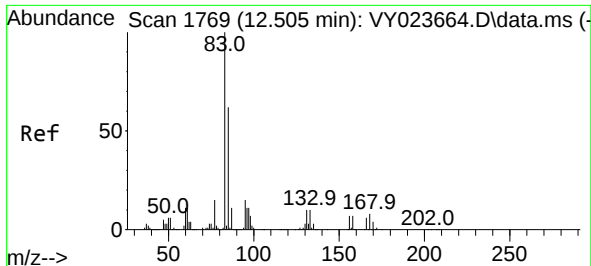
43 100

70 50.8 40.1 60.1

55 31.1 23.0 34.6

61 27.1 21.3 31.9

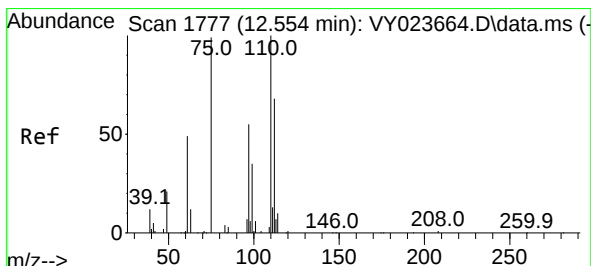
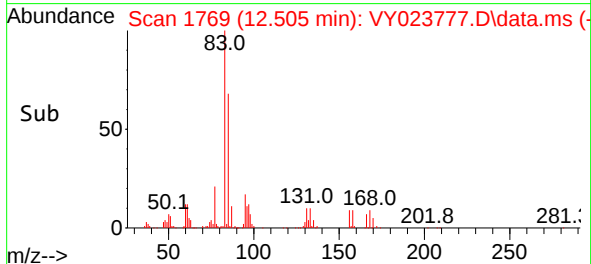
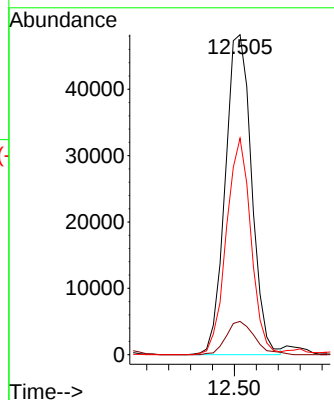
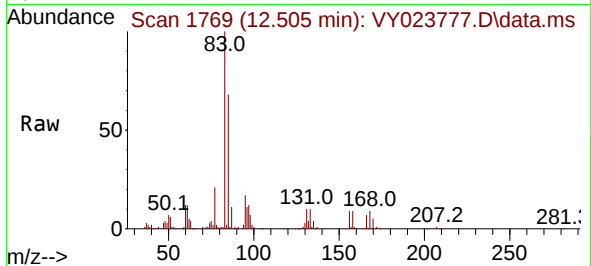




#75
1,1,2,2-Tetrachloroethane
Concen: 20.353 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

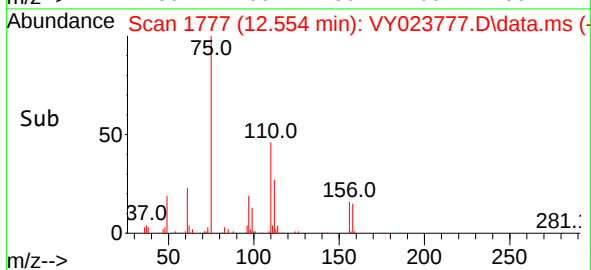
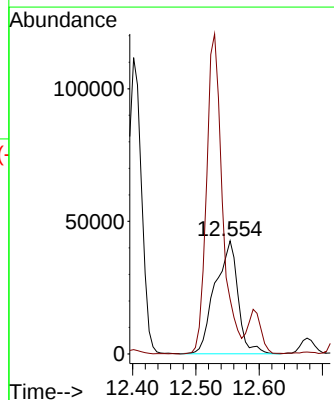
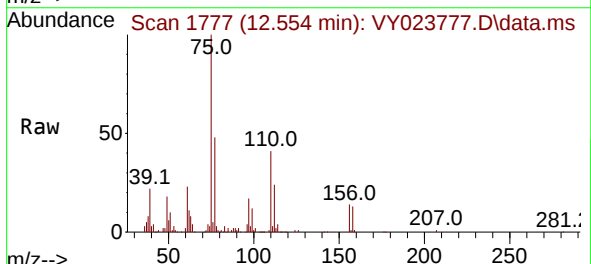
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

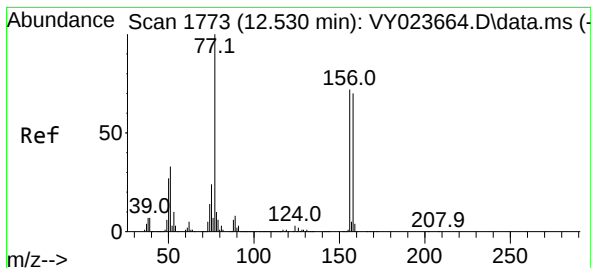
Tgt Ion: 83 Resp: 80572
Ion Ratio Lower Upper
83 100
131 11.2 5.7 17.0
85 63.2 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 35.541 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 75 Resp: 106599
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.789 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD01

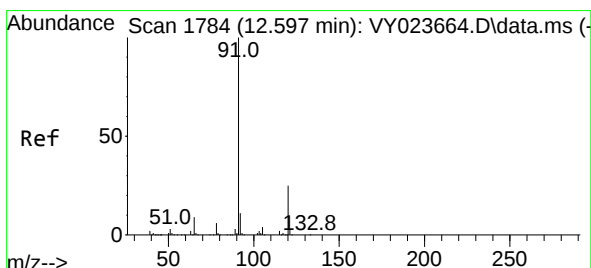
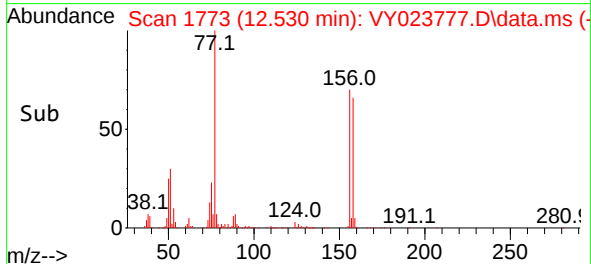
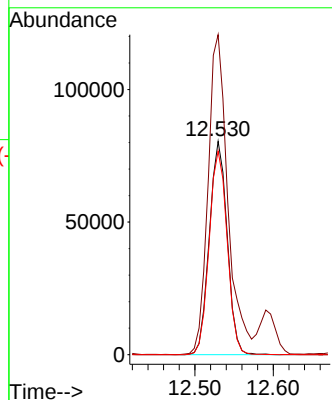
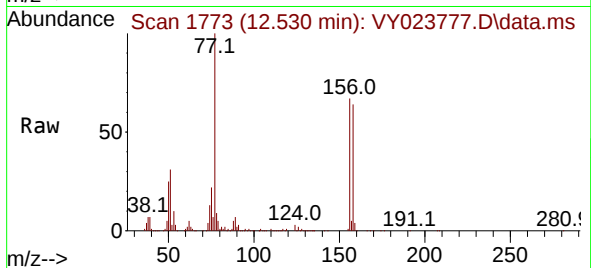
Tgt Ion:156 Resp: 127235

Ion Ratio Lower Upper

156 100

77 166.2 77.9 233.7

158 96.2 48.5 145.5



#78

n-propylbenzene

Concen: 20.769 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY023777.D

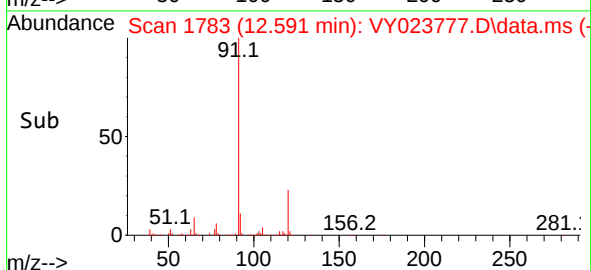
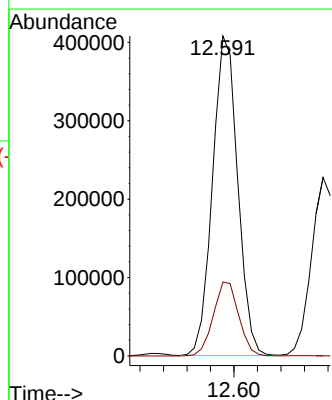
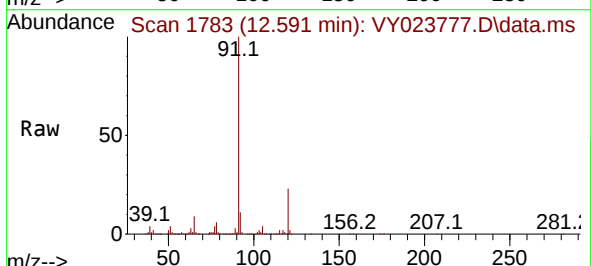
Acq: 13 Nov 2025 11:09

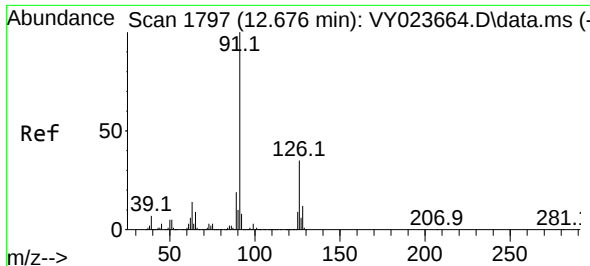
Tgt Ion: 91 Resp: 605532

Ion Ratio Lower Upper

91 100

120 23.4 12.0 36.1

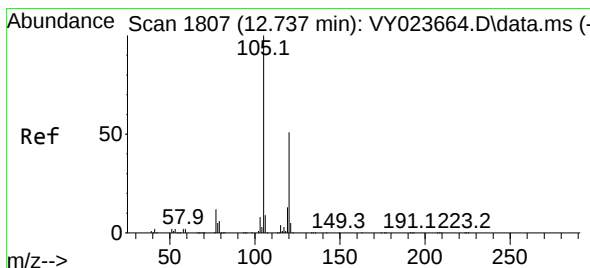
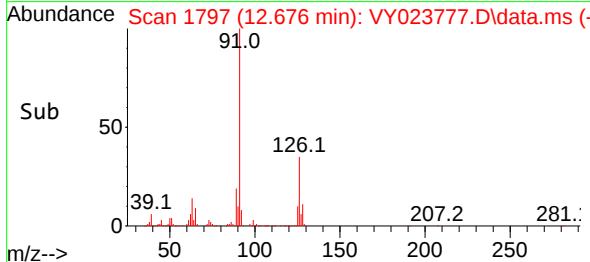
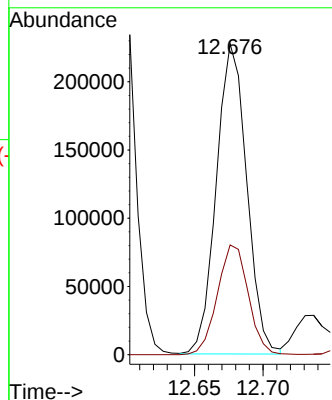
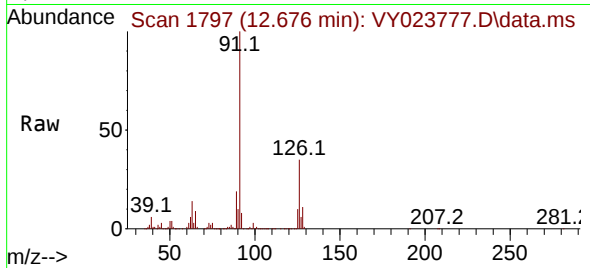




#79
2-Chlorotoluene
Concen: 20.742 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

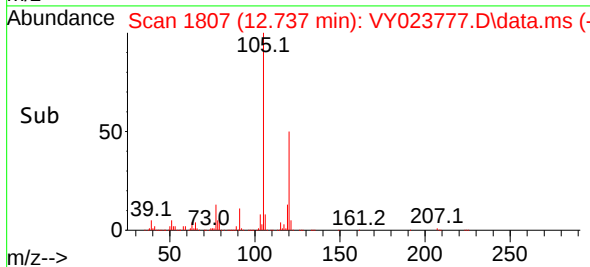
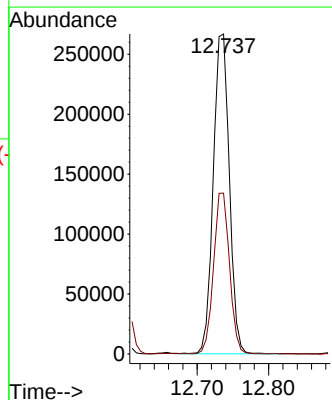
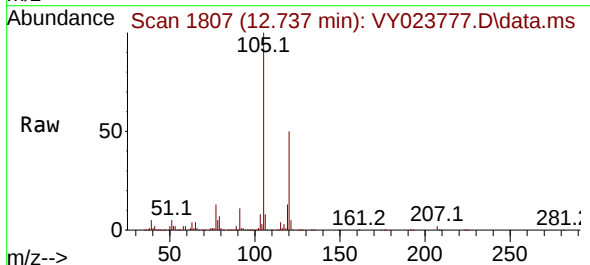
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

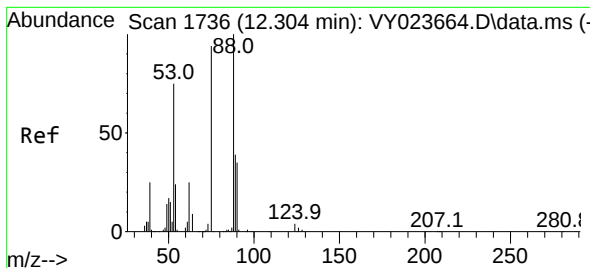
Tgt Ion: 91 Resp: 350932
Ion Ratio Lower Upper
91 100
126 35.9 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 20.617 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 105 Resp: 415196
Ion Ratio Lower Upper
105 100
120 49.9 25.4 76.2

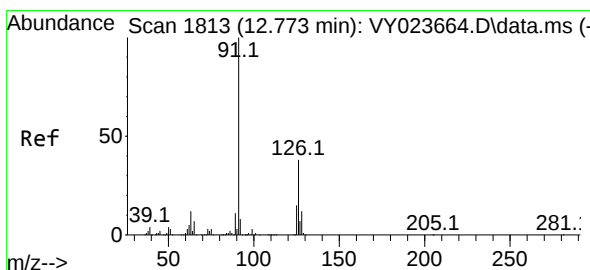
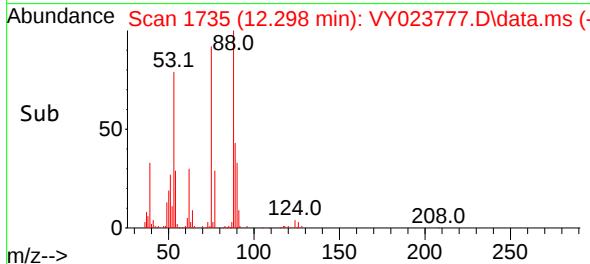
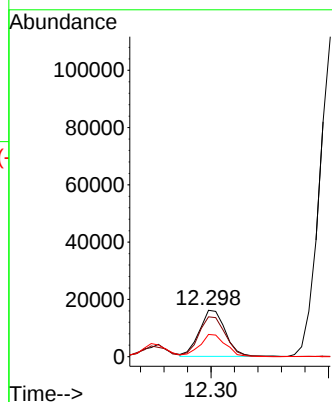
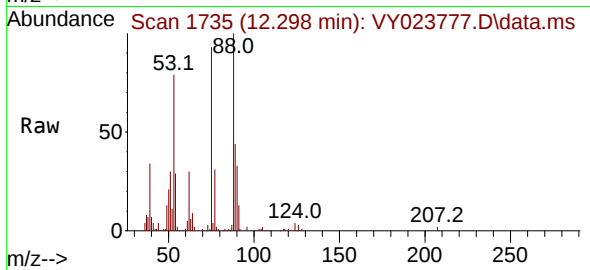




#81
trans-1,4-Dichloro-2-butene
Concen: 18.636 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

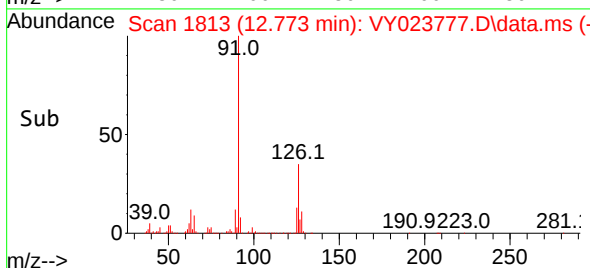
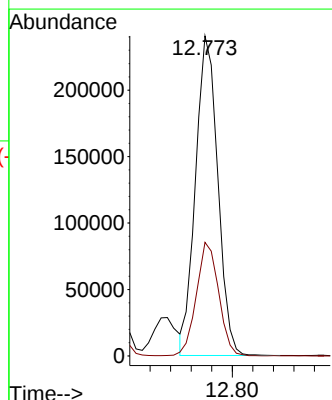
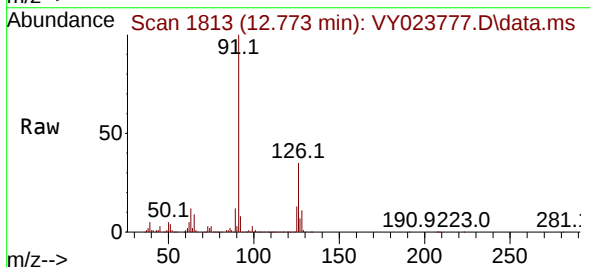
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

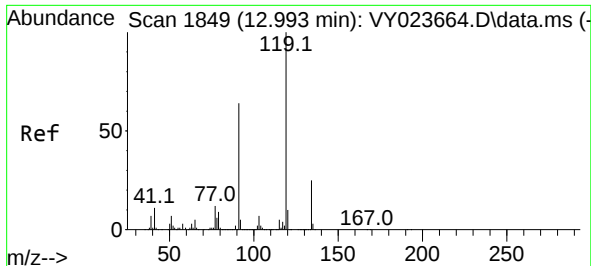
Tgt Ion: 75 Resp: 24733
Ion Ratio Lower Upper
75 100
53 88.5 69.6 104.4
89 48.2 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.725 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 91 Resp: 361606
Ion Ratio Lower Upper
91 100
126 35.8 18.1 54.4

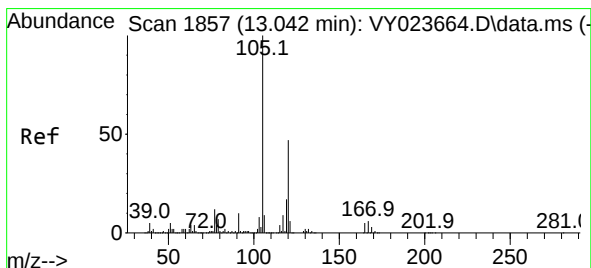
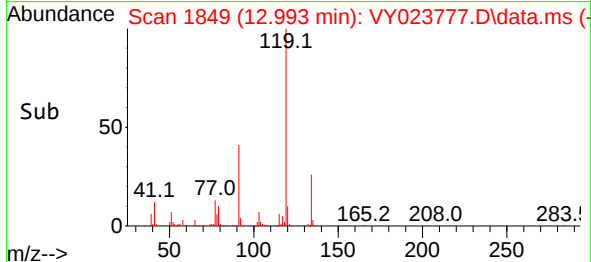
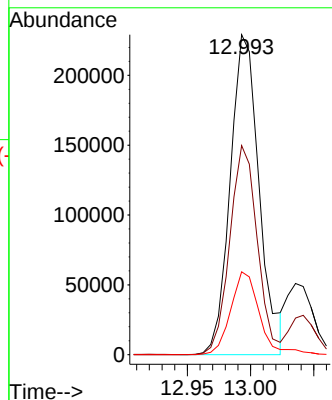
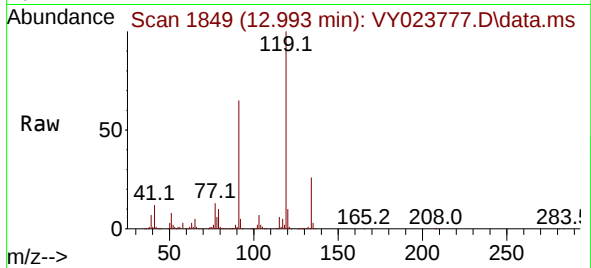




#83
 tert-Butylbenzene
 Concen: 19.900 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VY023777.D
 Acq: 13 Nov 2025 11:09

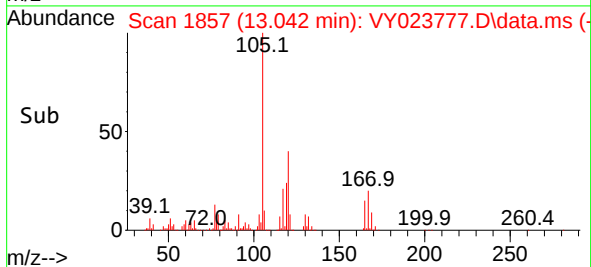
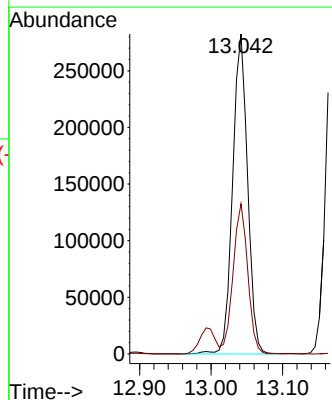
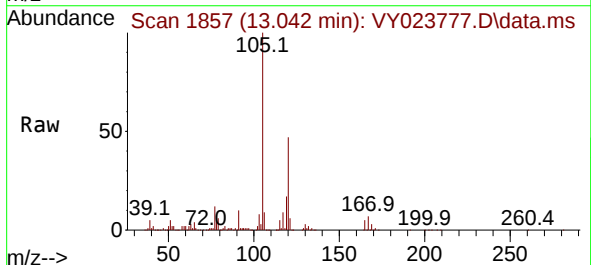
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBSD01

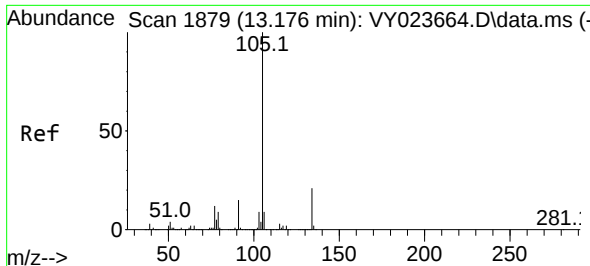
Tgt Ion:119 Resp: 365003
 Ion Ratio Lower Upper
 119 100
 91 62.2 30.7 92.1
 134 25.9 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.523 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY023777.D
 Acq: 13 Nov 2025 11:09

Tgt Ion:105 Resp: 409365
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.2 69.6

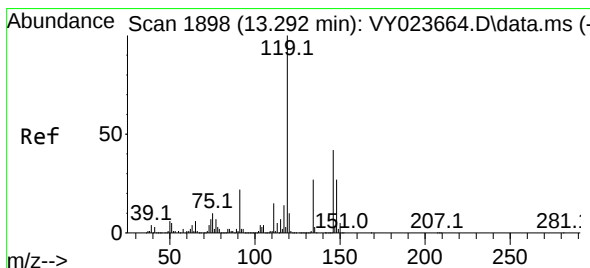
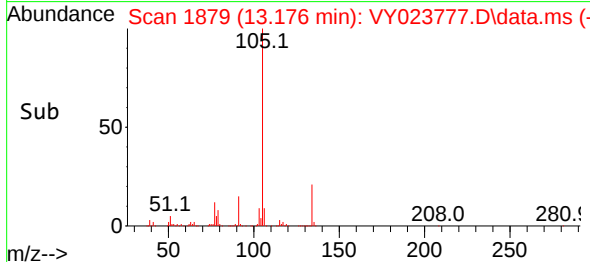
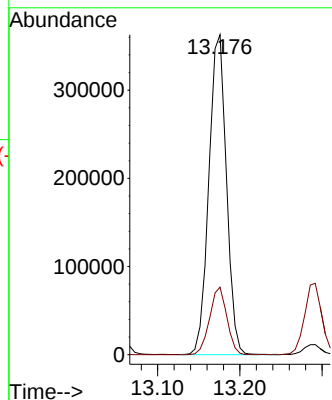
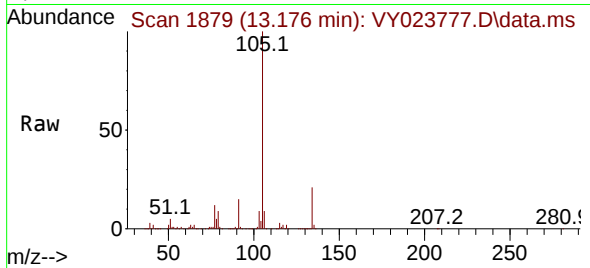




#85
 sec-Butylbenzene
 Concen: 20.341 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023777.D
 Acq: 13 Nov 2025 11:09

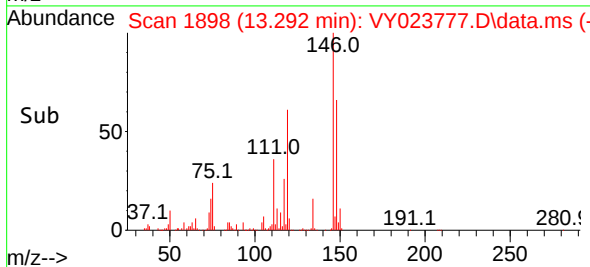
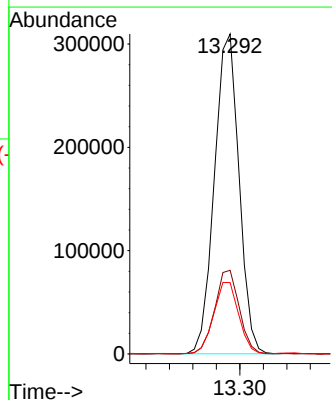
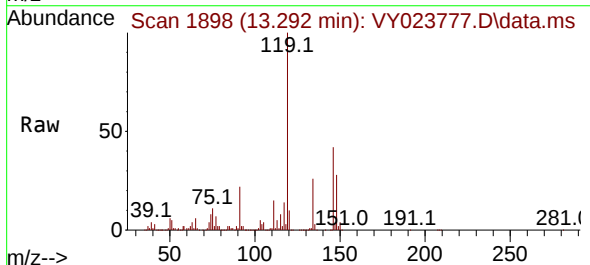
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBSD01

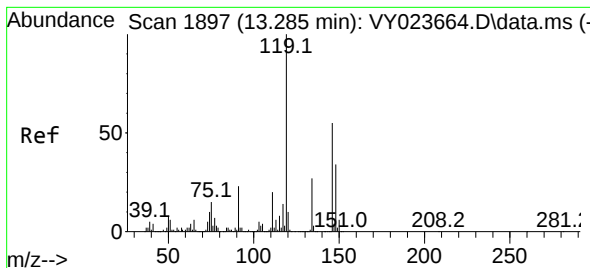
Tgt Ion:105 Resp: 538142
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 20.081 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023777.D
 Acq: 13 Nov 2025 11:09

Tgt Ion:119 Resp: 449740
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.4 40.2
 91 22.6 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 19.840 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD01

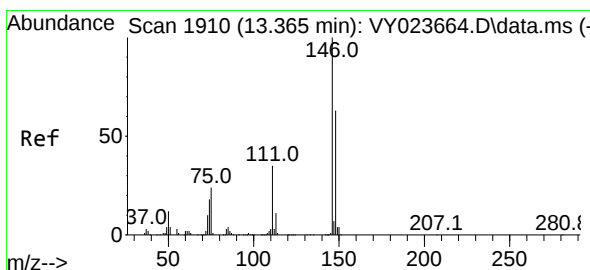
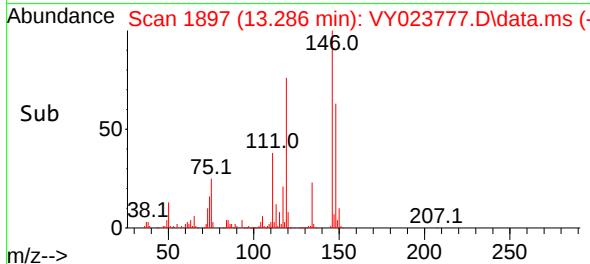
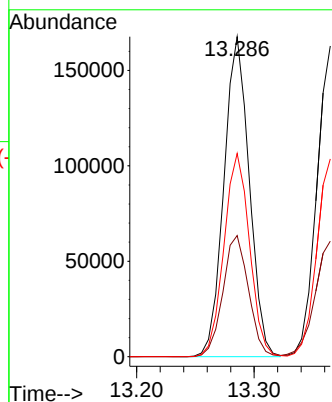
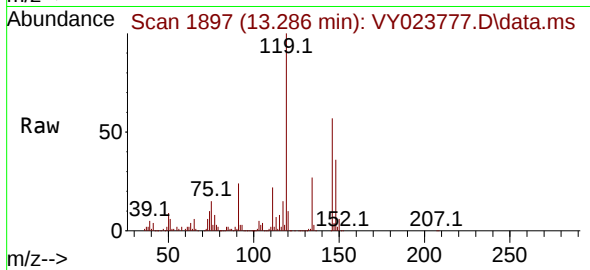
Tgt Ion:146 Resp: 251073

Ion Ratio Lower Upper

146 100

111 38.3 18.8 56.3

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.732 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

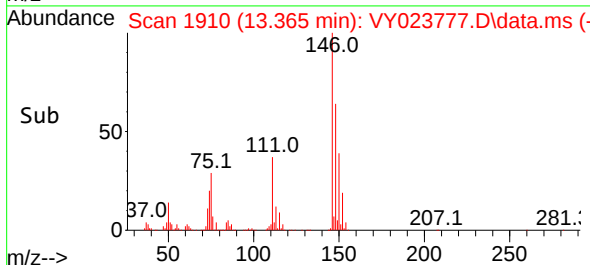
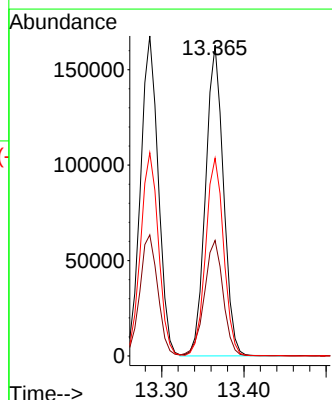
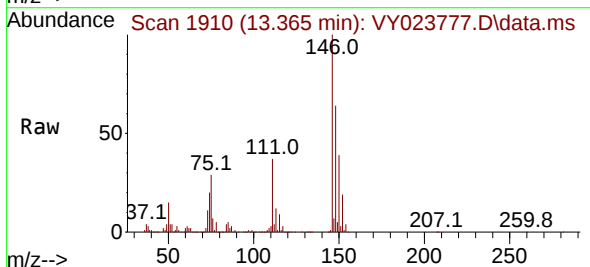
Tgt Ion:146 Resp: 245279

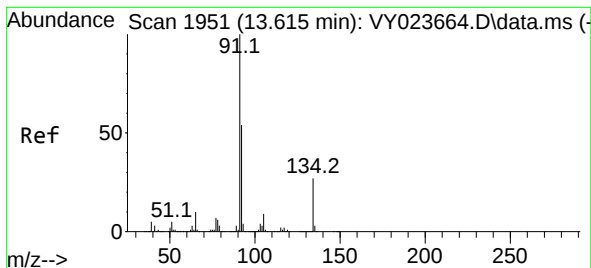
Ion Ratio Lower Upper

146 100

111 39.2 18.3 54.8

148 64.4 31.8 95.3





#89

n-Butylbenzene

Concen: 20.424 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD01

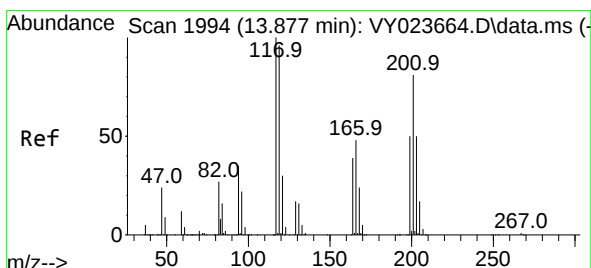
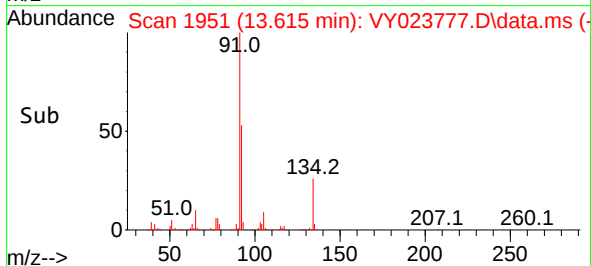
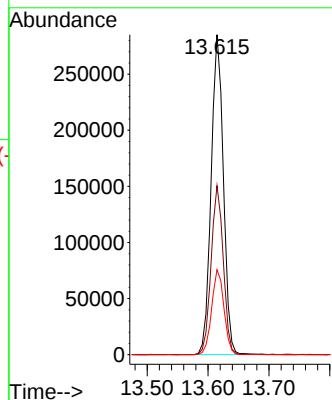
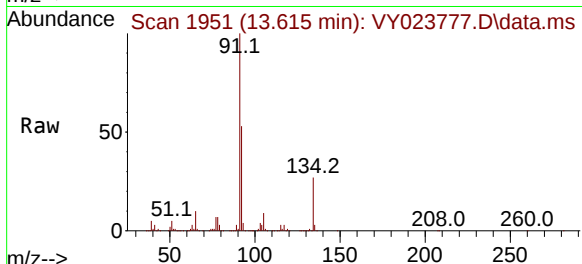
Tgt Ion: 91 Resp: 397748

Ion Ratio Lower Upper

91 100

92 52.6 26.5 79.4

134 26.7 13.7 41.1



#90

Hexachloroethane

Concen: 20.846 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY023777.D

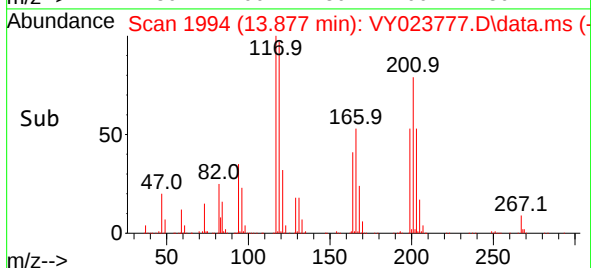
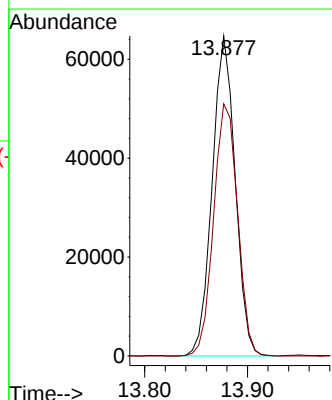
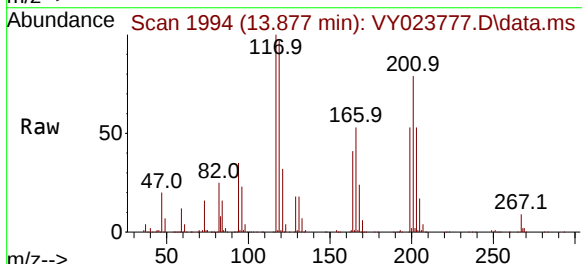
Acq: 13 Nov 2025 11:09

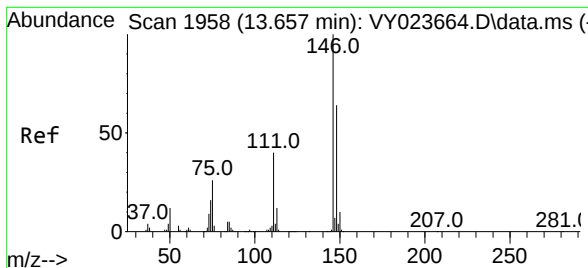
Tgt Ion: 117 Resp: 100331

Ion Ratio Lower Upper

117 100

201 82.1 42.3 126.8

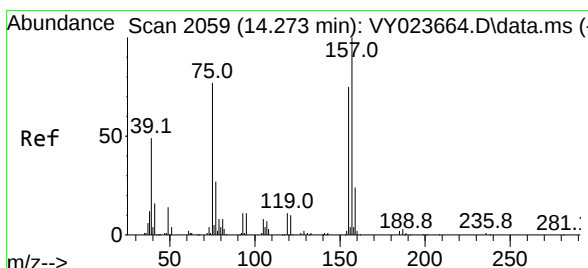
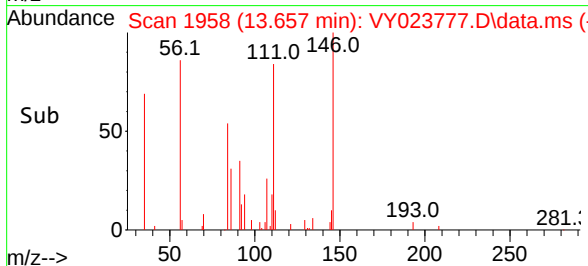
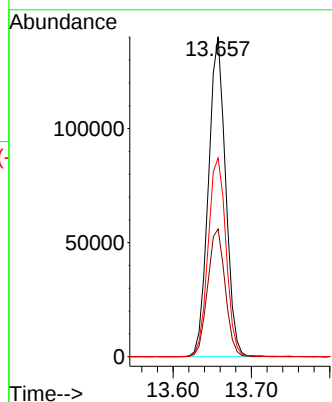
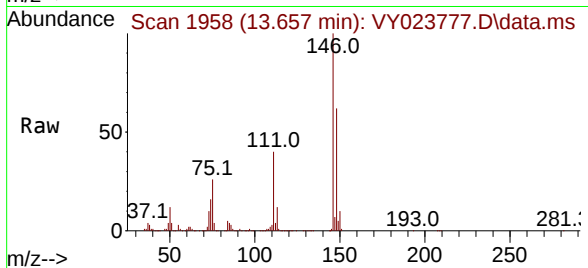




#91
 1,2-Dichlorobenzene
 Concen: 19.562 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY023777.D
 Acq: 13 Nov 2025 11:09

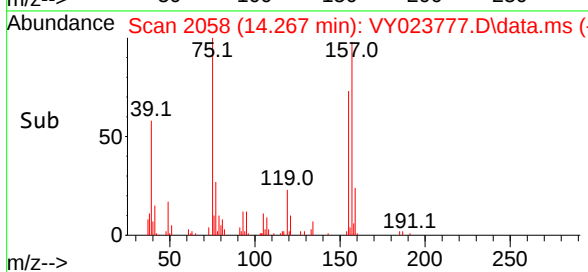
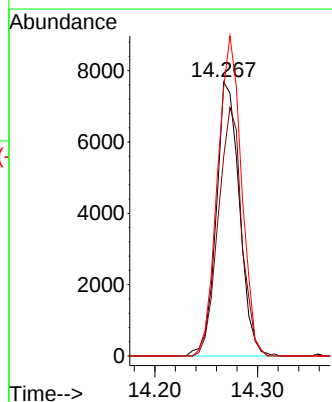
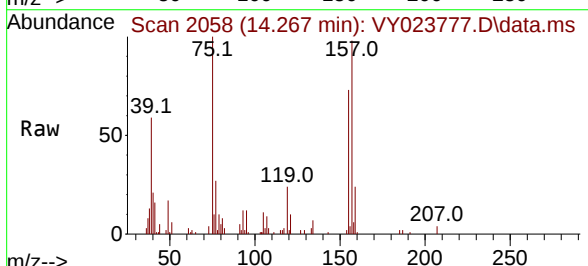
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBSD01

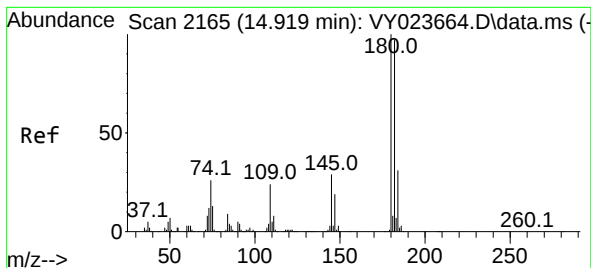
Tgt Ion:146 Resp: 213329
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.5 58.5
 148 64.7 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.736 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. -0.006 min
 Lab File: VY023777.D
 Acq: 13 Nov 2025 11:09

Tgt Ion: 75 Resp: 12030
 Ion Ratio Lower Upper
 75 100
 155 91.4 49.4 148.2
 157 120.1 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 22.314 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD01

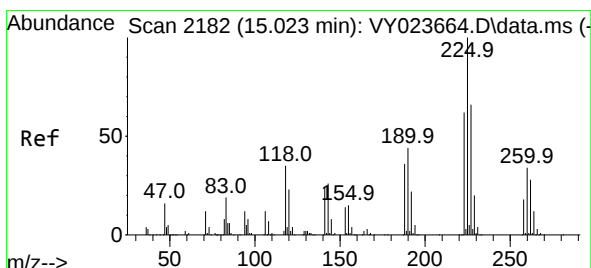
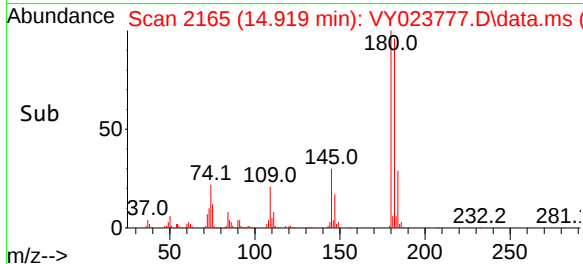
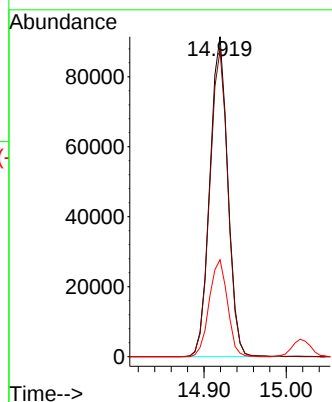
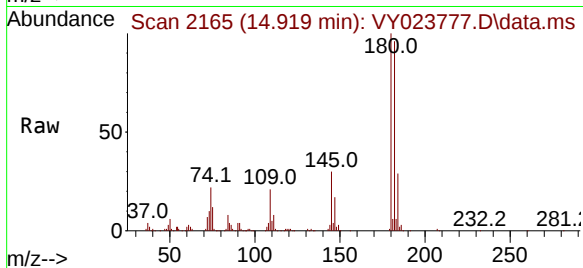
Tgt Ion:180 Resp: 139193

Ion Ratio Lower Upper

180 100

182 96.5 47.5 142.6

145 30.6 14.4 43.4



#94

Hexachlorobutadiene

Concen: 23.585 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

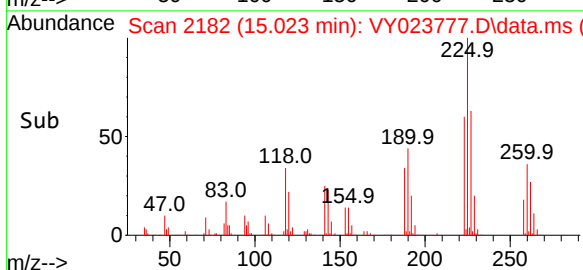
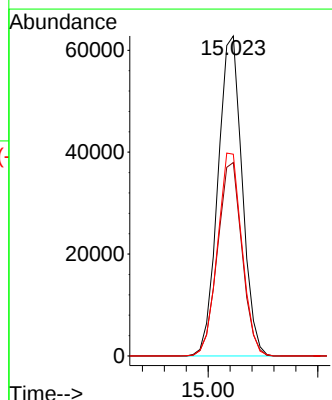
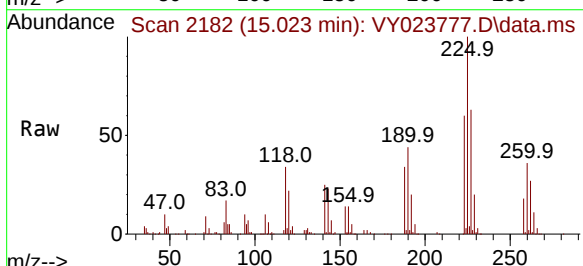
Tgt Ion:225 Resp: 96394

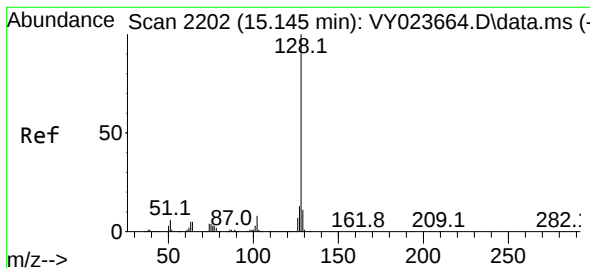
Ion Ratio Lower Upper

225 100

223 61.0 30.8 92.3

227 63.9 32.0 96.2





#95

Naphthalene

Concen: 21.907 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

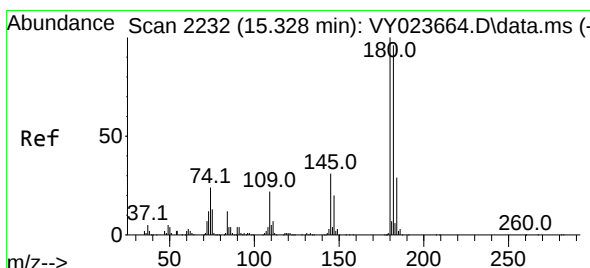
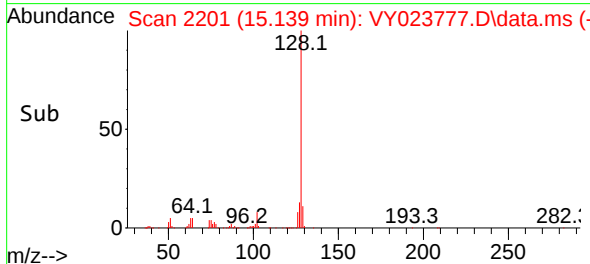
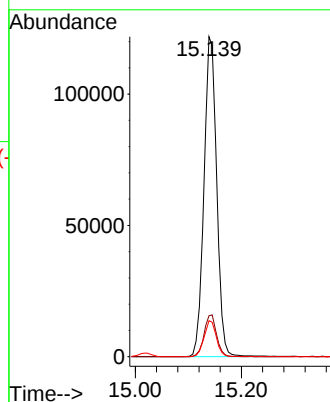
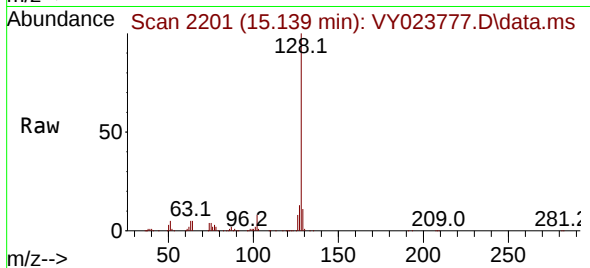
Tgt Ion:128 Resp: 202867

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 23.455 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Tgt Ion:180 Resp: 122243

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.6

145 31.5 15.5 46.5

