

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
 Data File : VY023715.D
 Acq On : 10 Nov 2025 15:11
 Operator : SY/MD
 Sample : VY1110SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBS01

Quant Time: Nov 11 02:07:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	519398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	787388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	701210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	356981	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	237224	54.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.240%	
35) Dibromofluoromethane	7.634	113	251198	51.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.840%	
50) Toluene-d8	10.103	98	971514	53.920	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.840%	
62) 4-Bromofluorobenzene	12.401	95	313981	52.783	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	77565	20.747	ug/l	99
3) Chloromethane	2.068	50	110650	21.726	ug/l	99
4) Vinyl Chloride	2.202	62	135094	20.365	ug/l	98
5) Bromomethane	2.592	94	109952	19.752	ug/l	97
6) Chloroethane	2.732	64	92114	20.371	ug/l	98
7) Trichlorofluoromethane	3.056	101	182316	19.795	ug/l	99
8) Diethyl Ether	3.452	74	49229	20.455	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.818	101	102857	21.521	ug/l	97
10) Methyl Iodide	4.007	142	107474	20.199	ug/l	99
11) Tert butyl alcohol	4.860	59	40587	125.612	ug/l #	93
12) 1,1-Dichloroethene	3.787	96	97207	20.981	ug/l	94
13) Acrolein	3.647	56	36311	79.530	ug/l	99
14) Allyl chloride	4.385	41	125978	22.311	ug/l	96
15) Acrylonitrile	5.061	53	101298	109.982	ug/l	99
16) Acetone	3.866	43	114672	110.902	ug/l	96
17) Carbon Disulfide	4.104	76	306981	23.150	ug/l	100
18) Methyl Acetate	4.391	43	47628	17.559	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	231040	20.748	ug/l	98
20) Methylene Chloride	4.610	84	118618	21.215	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	113103	22.173	ug/l	98
22) Diisopropyl ether	6.018	45	294543	23.582	ug/l	96
23) Vinyl Acetate	5.964	43	758081	112.134	ug/l	99
24) 1,1-Dichloroethane	5.915	63	185924	22.472	ug/l	95
25) 2-Butanone	6.896	43	143697	113.833	ug/l	88
26) 2,2-Dichloropropane	6.884	77	163777	21.573	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	127074	21.566	ug/l	97
28) Bromochloromethane	7.244	49	73678	23.855	ug/l	91
29) Tetrahydrofuran	7.262	42	77685	108.523	ug/l	94
30) Chloroform	7.421	83	204072	22.450	ug/l	100
31) Cyclohexane	7.701	56	158715	21.967	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	180011	21.791	ug/l	99
36) 1,1-Dichloropropene	7.835	75	138080	21.558	ug/l	99
37) Ethyl Acetate	6.982	43	55229	21.765	ug/l	98
38) Carbon Tetrachloride	7.817	117	160788	20.702	ug/l	99
39) Methylcyclohexane	9.109	83	167938	20.137	ug/l	93
40) Benzene	8.079	78	452253	22.295	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	76906	56.037	ug/l	# 25
42) 1,2-Dichloroethane	8.158	62	112341	21.474	ug/l	100
43) Isopropyl Acetate	8.195	43	105712	20.892	ug/l	98
44) Trichloroethene	8.866	130	124391	20.951	ug/l	99
45) 1,2-Dichloropropane	9.140	63	100183	22.360	ug/l	98
46) Dibromomethane	9.231	93	59633	21.049	ug/l	96
47) Bromodichloromethane	9.420	83	153688	21.539	ug/l	98
48) Methyl methacrylate	9.219	41	47660	20.050	ug/l	98
49) 1,4-Dioxane	9.225	88	12051	366.877	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	278089	106.373	ug/l	98
52) Toluene	10.170	92	287178	21.805	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	126757	20.431	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	154148	21.051	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	81349	21.353	ug/l	96
56) Ethyl methacrylate	10.438	69	88314	20.096	ug/l	98
57) 1,3-Dichloropropane	10.719	76	130698	21.649	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	204597	103.926	ug/l	97
59) 2-Hexanone	10.762	43	200160	107.135	ug/l	96
60) Dibromochloromethane	10.908	129	108994	20.406	ug/l	100
61) 1,2-Dibromoethane	11.012	107	74488	20.501	ug/l	99
64) Tetrachloroethene	10.646	164	152766	21.099	ug/l	98
65) Chlorobenzene	11.438	112	314368	20.613	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	110906	20.407	ug/l	99
67) Ethyl Benzene	11.518	91	511626	20.725	ug/l	99
68) m/p-Xylenes	11.627	106	412281	41.637	ug/l	97
69) o-Xylene	11.956	106	186647	20.096	ug/l	97
70) Styrene	11.969	104	312333	20.450	ug/l	98
71) Bromoform	12.127	173	64645	19.176	ug/l	# 100
73) Isopropylbenzene	12.255	105	483802	20.565	ug/l	98
74) N-amyl acetate	12.066	43	85783	20.301	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	79446	20.647	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	106805	33.911	ug/l	# 100
77) Bromobenzene	12.530	156	126017	20.149	ug/l	94
78) n-propylbenzene	12.590	91	587185	21.569	ug/l	98
79) 2-Chlorotoluene	12.676	91	341501	21.421	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	405632	21.337	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	25170	19.597	ug/l	95
82) 4-Chlorotoluene	12.773	91	356931	21.739	ug/l	98
83) tert-Butylbenzene	12.999	119	358046	20.399	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	404487	21.320	ug/l	98
85) sec-Butylbenzene	13.176	105	522612	20.756	ug/l	99
86) p-Isopropyltoluene	13.292	119	441378	20.589	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	247763	20.343	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	242647	20.173	ug/l	97
89) n-Butylbenzene	13.615	91	378800	20.279	ug/l	98
90) Hexachloroethane	13.877	117	96872	21.010	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	219157	20.525	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13179	20.875	ug/l	90
93) 1,2,4-Trichlorobenzene	14.919	180	121916	18.315	ug/l	99
94) Hexachlorobutadiene	15.023	225	79494	19.157	ug/l	98
95) Naphthalene	15.145	128	180242	17.004	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	106230	18.424	ug/l	99

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ALS Vial : 5 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
VY1110SBSD01

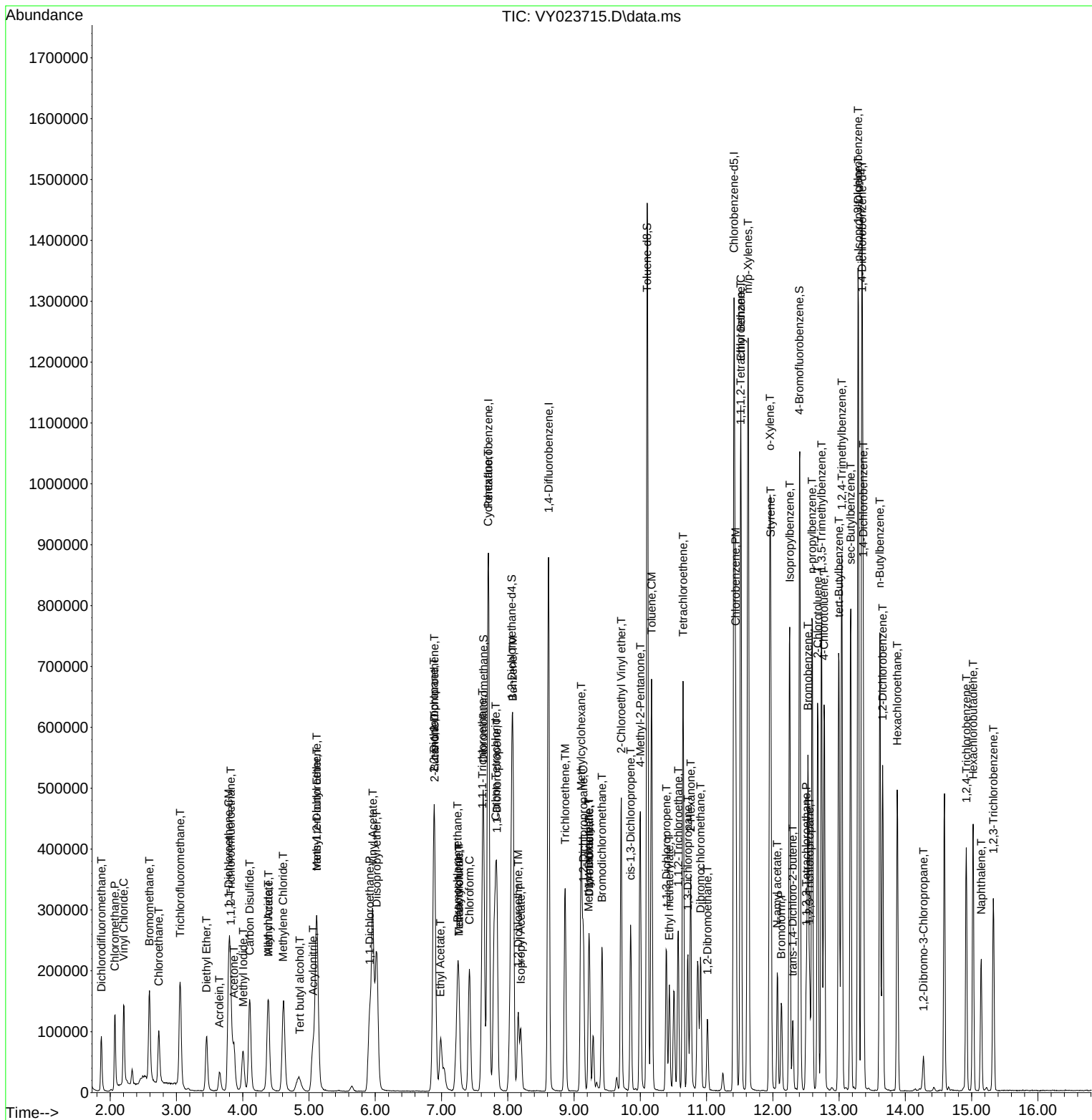
Quant Time: Nov 11 02:07:25 2025
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Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
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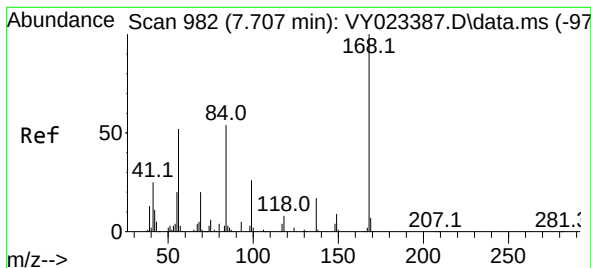
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

Quant Time: Nov 11 02:07:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

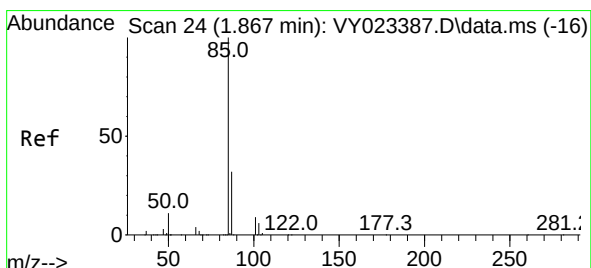
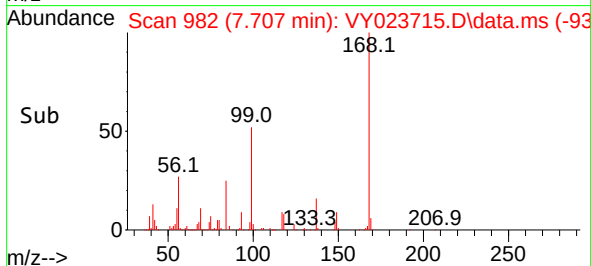
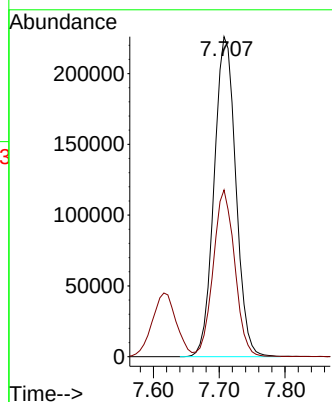
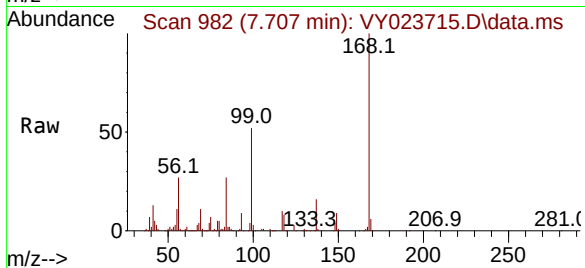
VY1110SBSD01

Tgt Ion:168 Resp: 519398

Ion Ratio Lower Upper

168 100

99 52.0 39.7 59.5



#2

Dichlorodifluoromethane

Concen: 20.747 ug/l

RT: 1.867 min Scan# 24

Delta R.T. -0.000 min

Lab File: VY023715.D

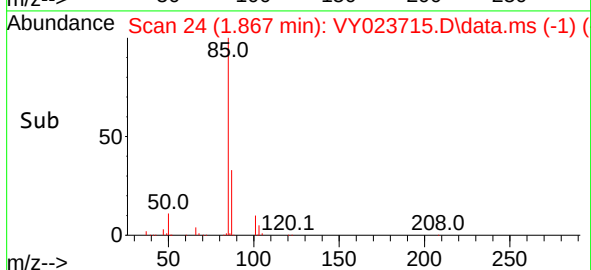
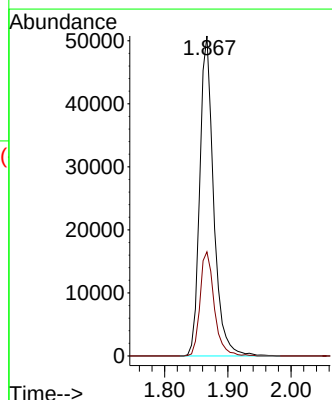
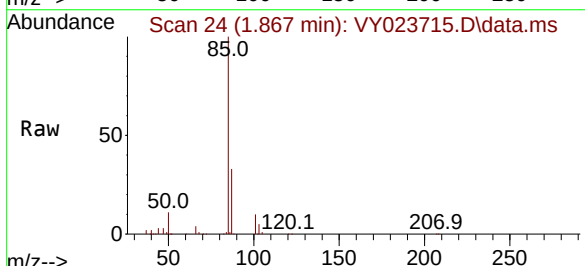
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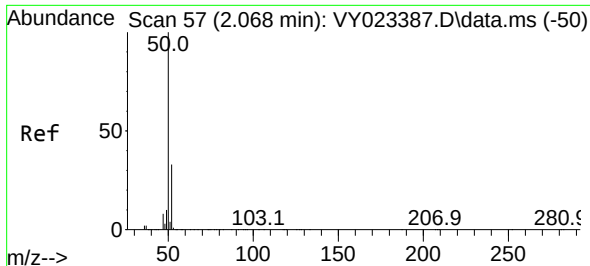
Tgt Ion: 85 Resp: 77565

Ion Ratio Lower Upper

85 100

87 32.6 16.0 47.9

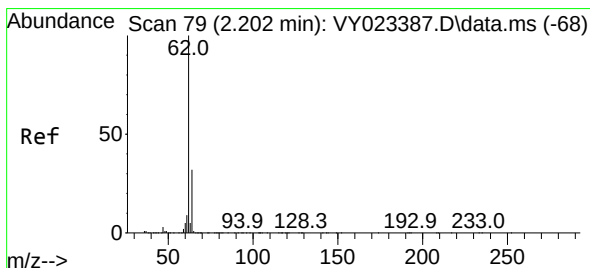
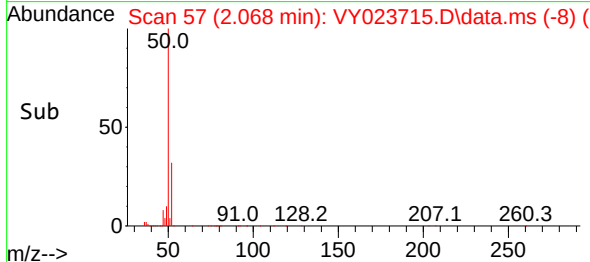
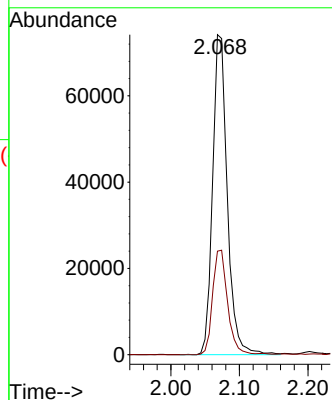
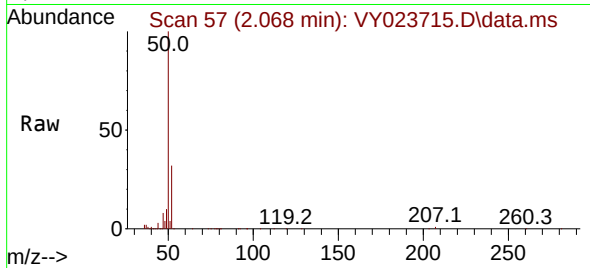




#3
Chloromethane
Concen: 21.726 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

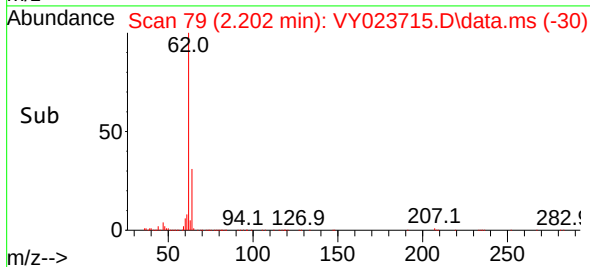
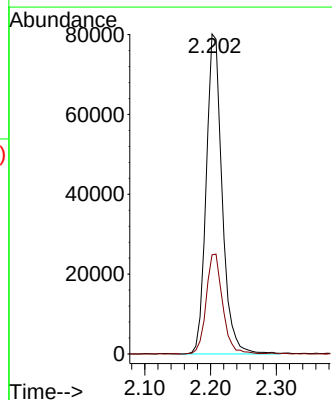
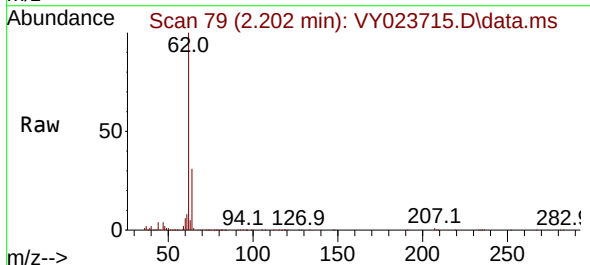
Instrument :
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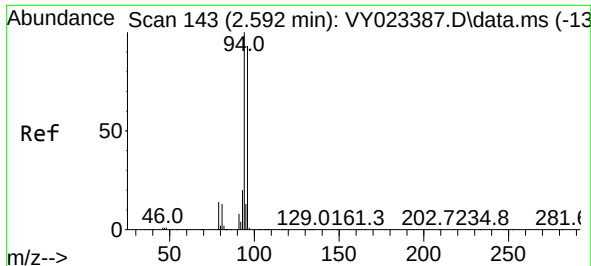
Tgt Ion: 50 Resp: 110650
Ion Ratio Lower Upper
50 100
52 32.3 26.2 39.2



#4
Vinyl Chloride
Concen: 20.365 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 62 Resp: 135094
Ion Ratio Lower Upper
62 100
64 31.0 25.8 38.8

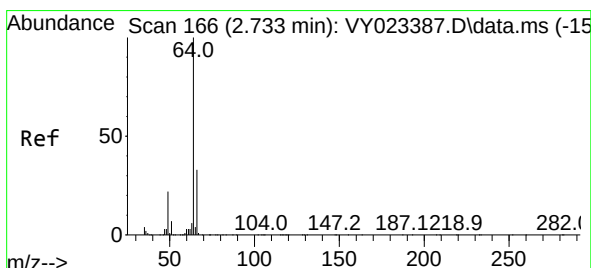
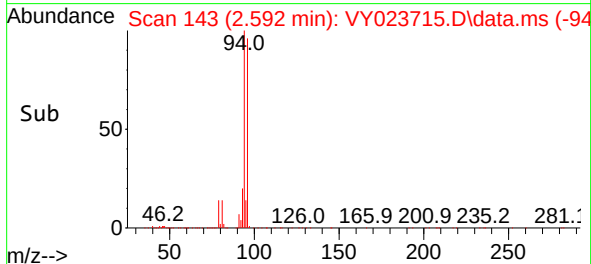
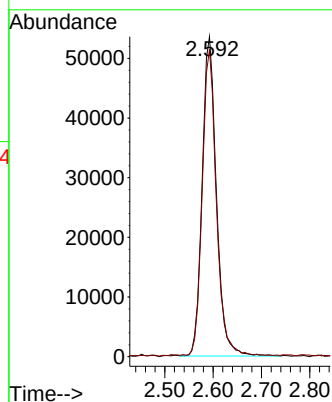
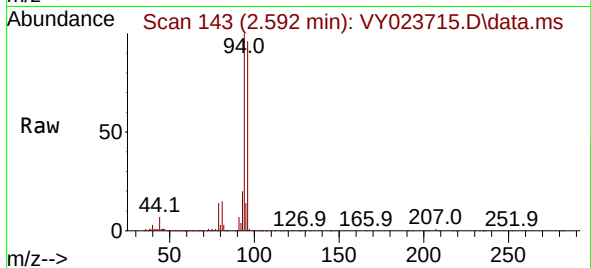




#5
Bromomethane
Concen: 19.752 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

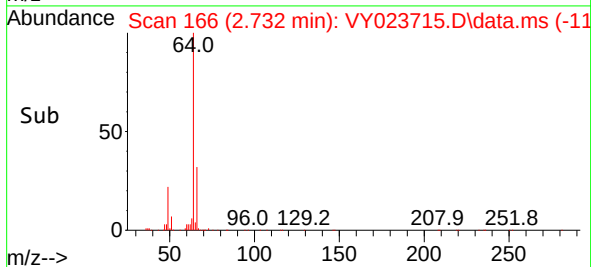
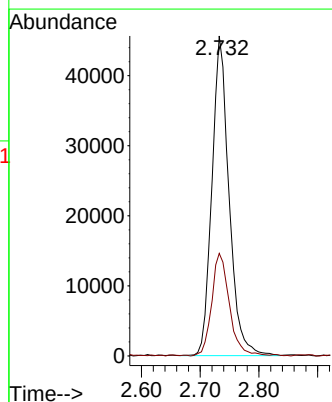
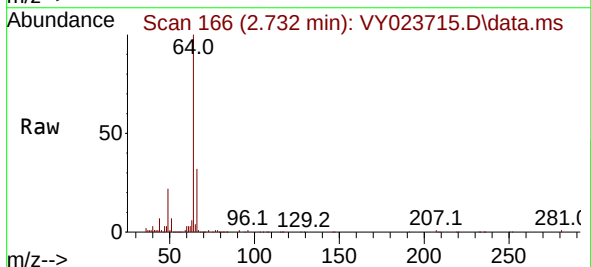
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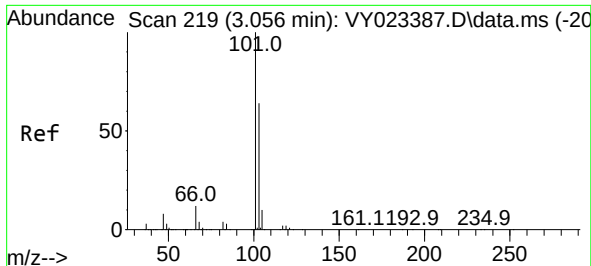
Tgt Ion: 94 Resp: 109952
Ion Ratio Lower Upper
94 100
96 95.8 74.5 111.7



#6
Chloroethane
Concen: 20.371 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 64 Resp: 92114
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.4

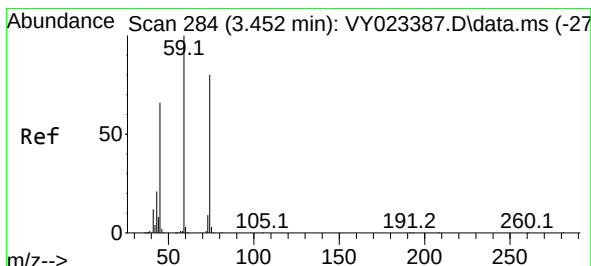
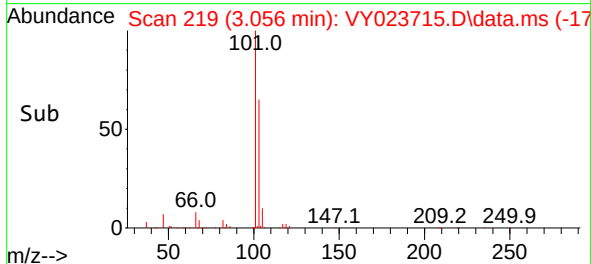
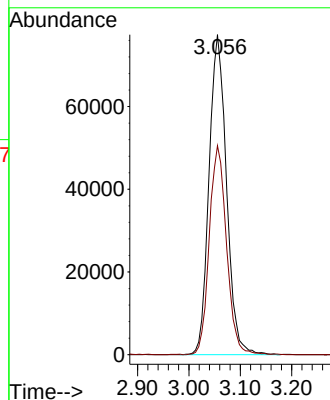
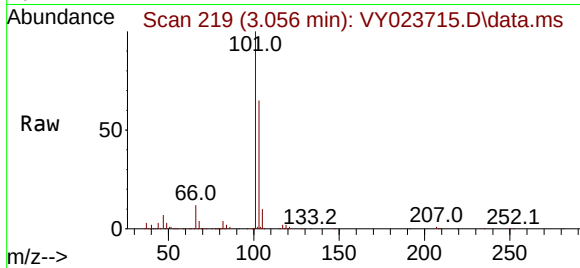




#7
 Trichlorofluoromethane
 Concen: 19.795 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. -0.000 min
 Lab File: VY023715.D
 Acq: 10 Nov 2025 15:11

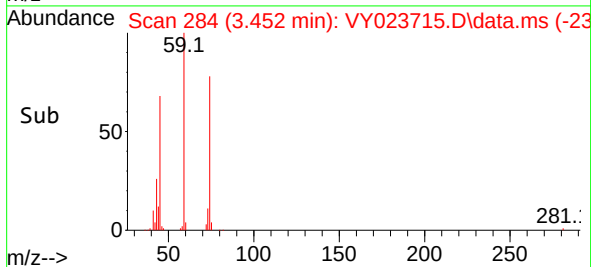
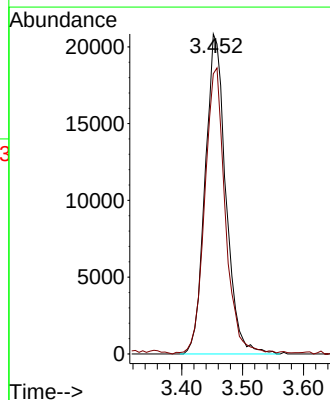
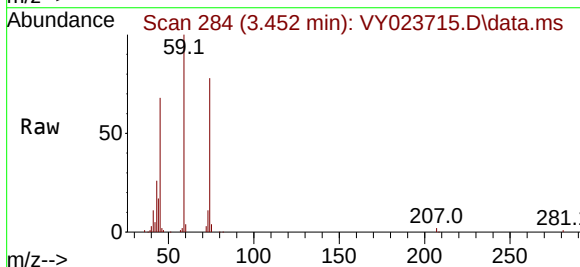
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBS01

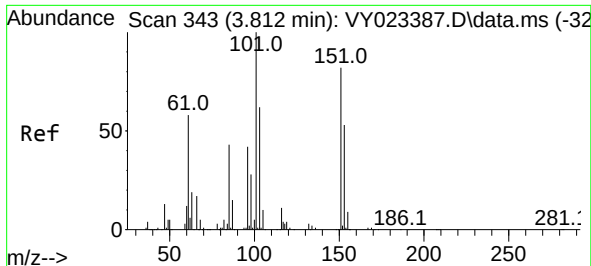
Tgt Ion:101 Resp: 182316
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.3 76.9



#8
 Diethyl Ether
 Concen: 20.455 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY023715.D
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Tgt Ion: 74 Resp: 49229
 Ion Ratio Lower Upper
 74 100
 45 88.9 39.9 119.7

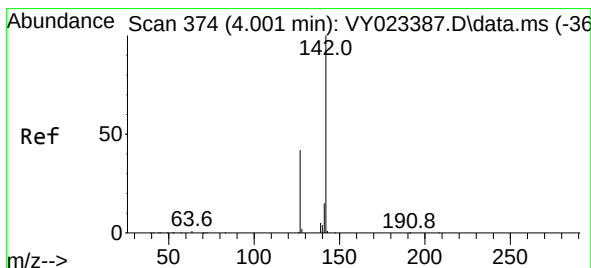
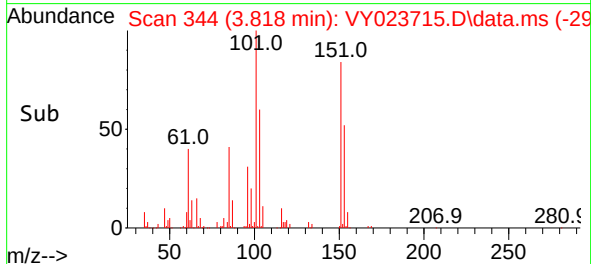
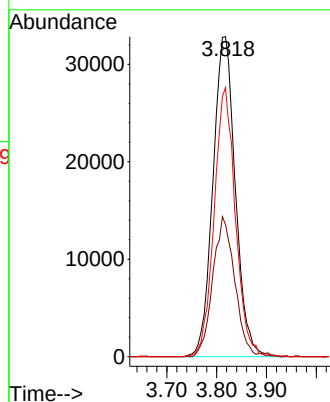
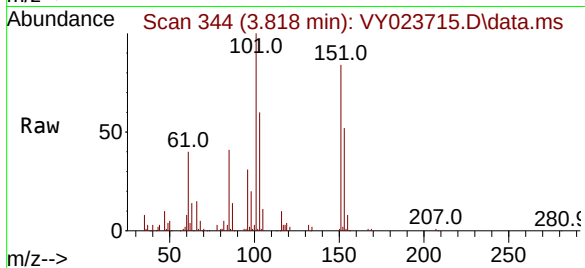




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.521 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

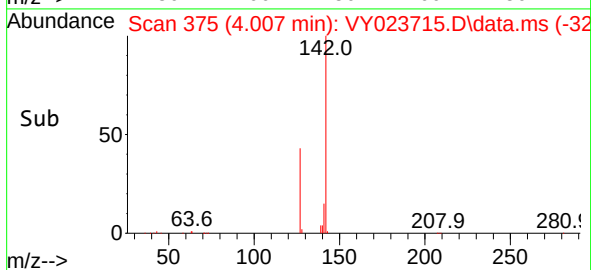
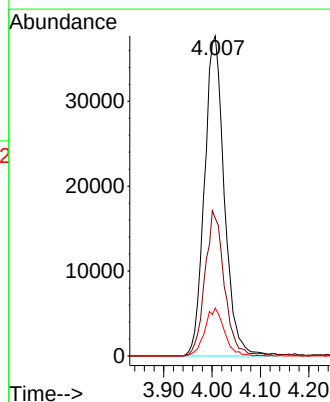
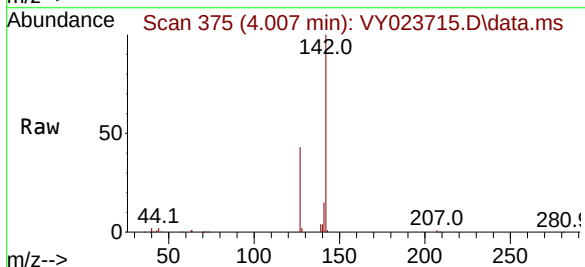
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

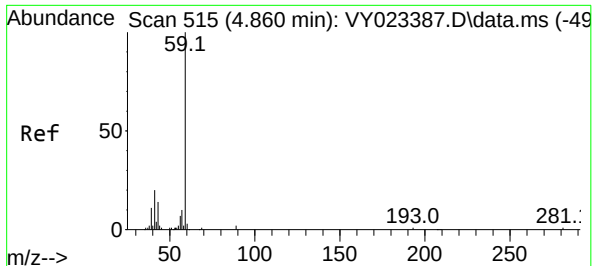
Tgt Ion:101 Resp: 102857
Ion Ratio Lower Upper
101 100
85 42.8 34.6 51.8
151 79.7 67.0 100.6



#10
Methyl Iodide
Concen: 20.199 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion:142 Resp: 107474
Ion Ratio Lower Upper
142 100
127 44.3 34.8 52.2
141 14.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 125.612 ug/l

RT: 4.860 min Scan# 515

Delta R.T. -0.000 min

Lab File: VY023715.D

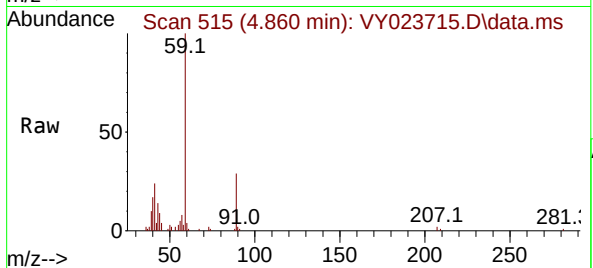
Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBSD01

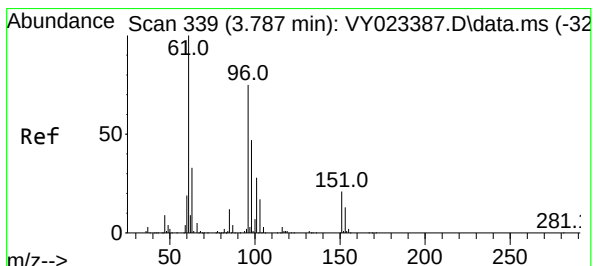
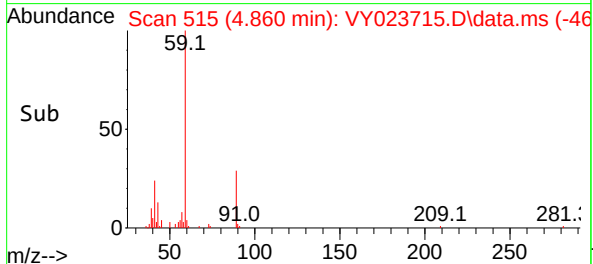
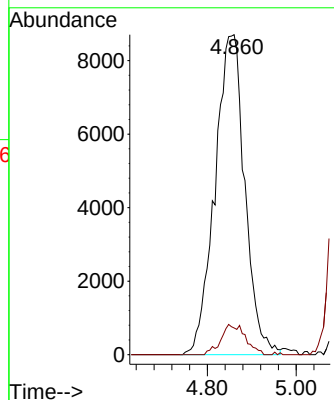


Tgt Ion: 59 Resp: 40587

Ion Ratio Lower Upper

59 100

57 7.7 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 20.981 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.000 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

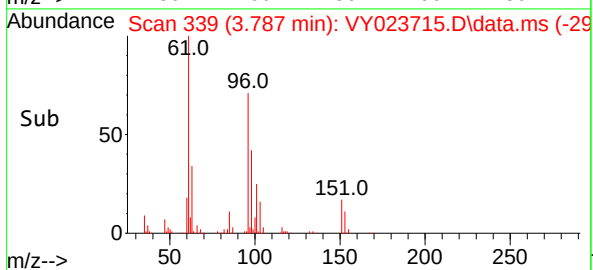
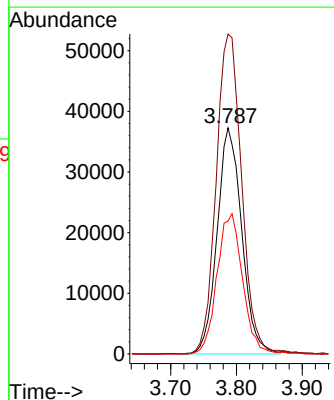
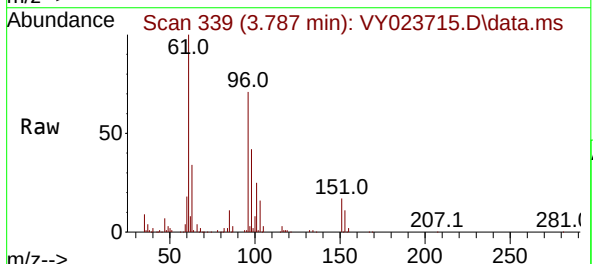
Tgt Ion: 96 Resp: 97207

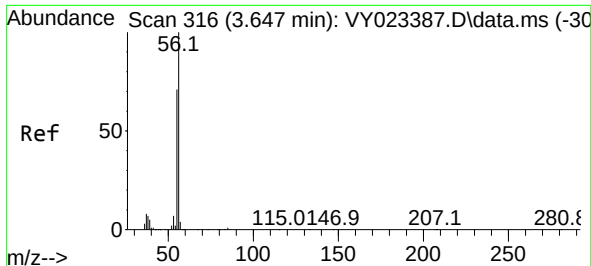
Ion Ratio Lower Upper

96 100

61 141.6 106.7 160.1

98 58.8 50.2 75.4

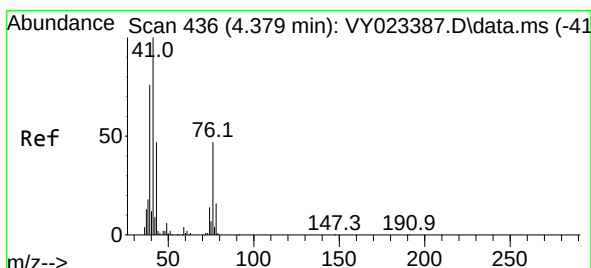
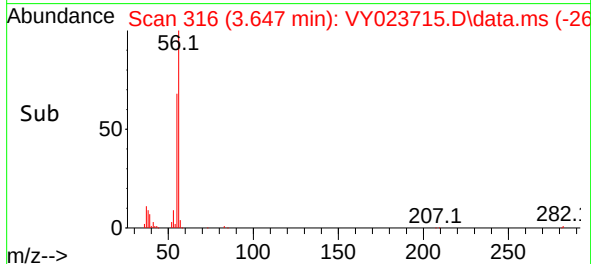
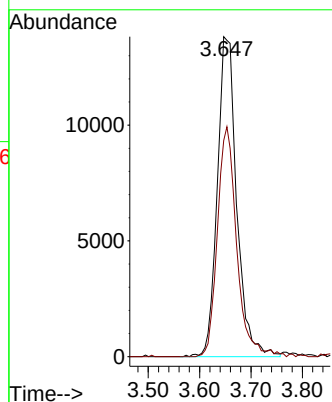
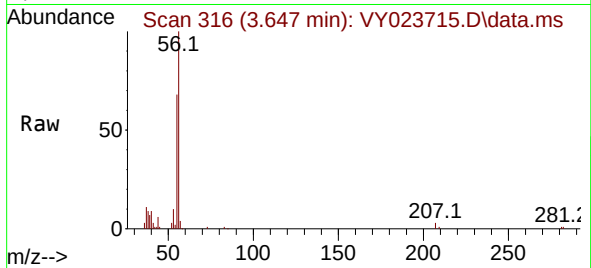




#13
Acrolein
Concen: 79.530 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

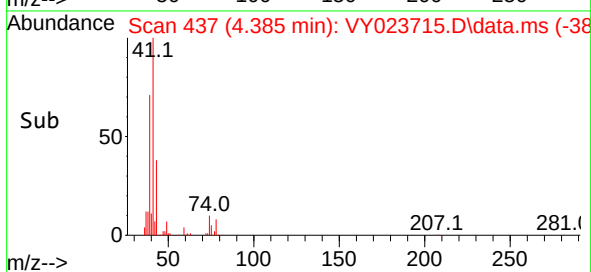
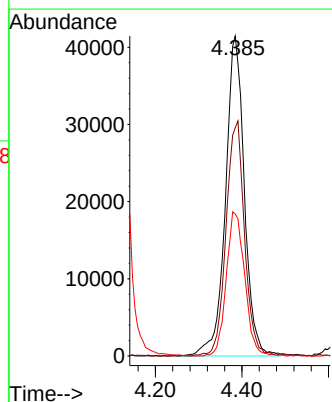
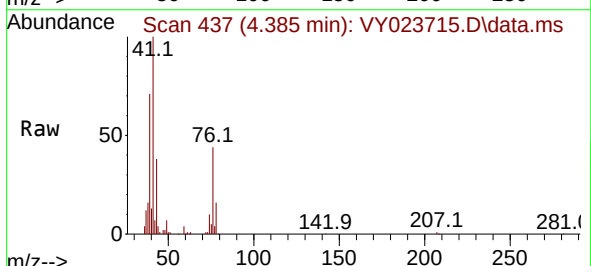
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

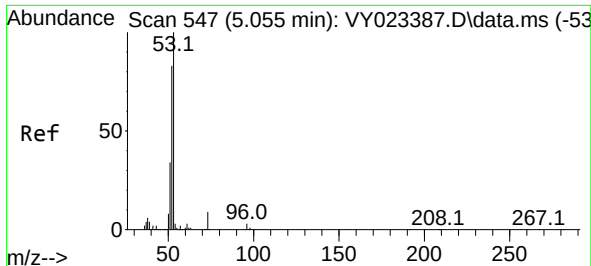
Tgt Ion: 56 Resp: 36311
Ion Ratio Lower Upper
56 100
55 71.3 56.1 84.1



#14
Allyl chloride
Concen: 22.311 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 41 Resp: 125978
Ion Ratio Lower Upper
41 100
39 71.7 59.9 89.9
76 44.0 38.0 57.0

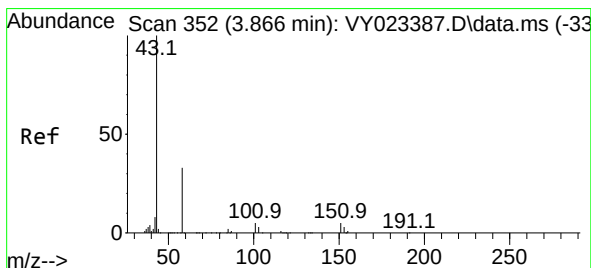
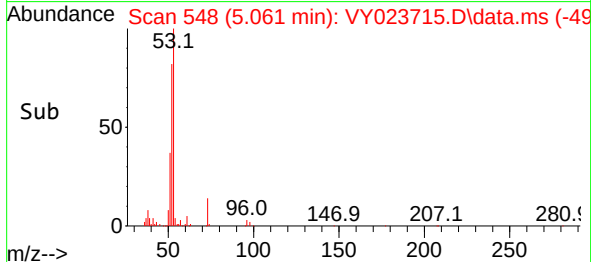
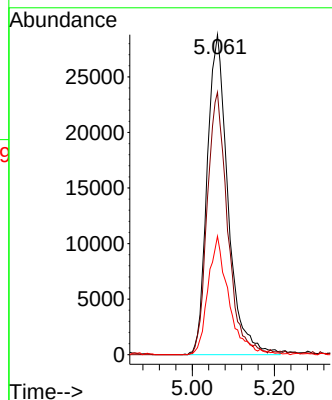
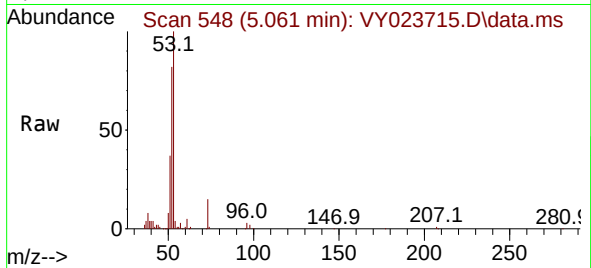




#15
Acrylonitrile
Concen: 109.982 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

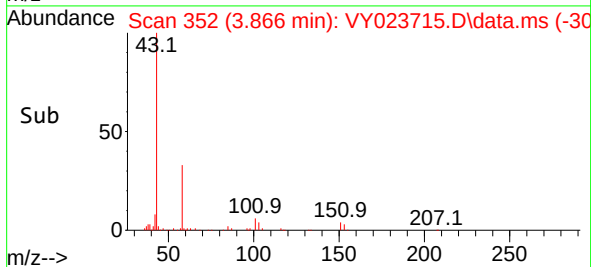
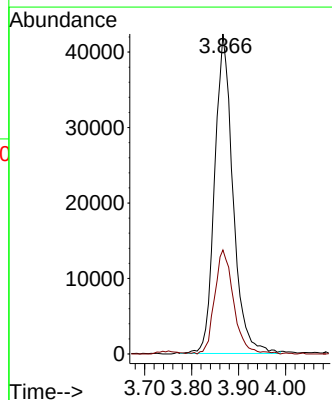
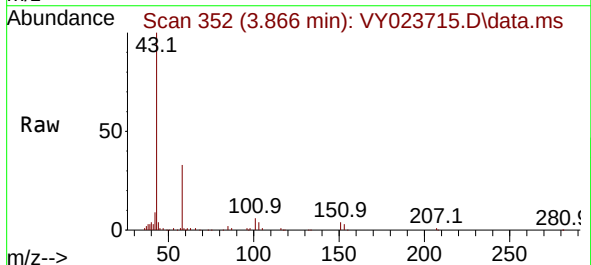
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

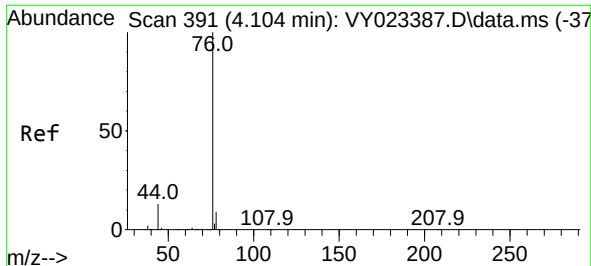
Tgt Ion: 53 Resp: 101298
Ion Ratio Lower Upper
53 100
52 79.8 64.6 97.0
51 37.2 29.5 44.3



#16
Acetone
Concen: 110.902 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 43 Resp: 114672
Ion Ratio Lower Upper
43 100
58 32.6 27.7 41.5

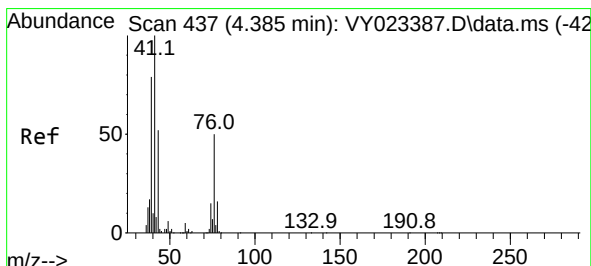
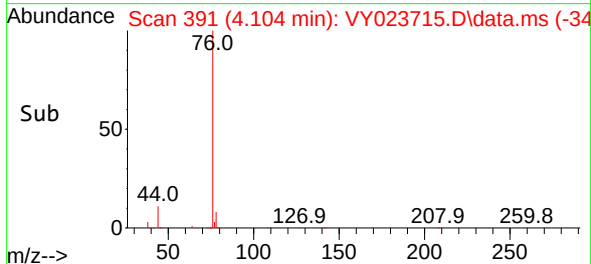
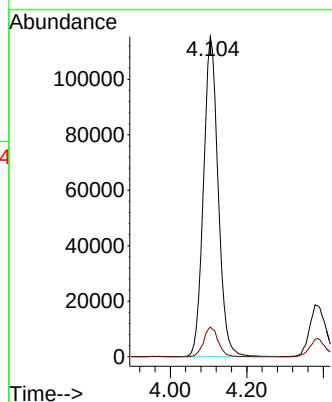
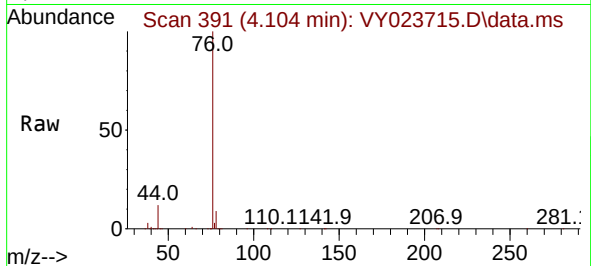




#17
Carbon Disulfide
Concen: 23.150 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

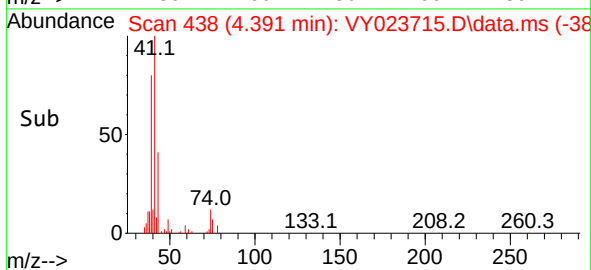
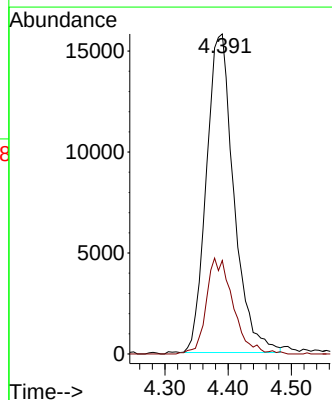
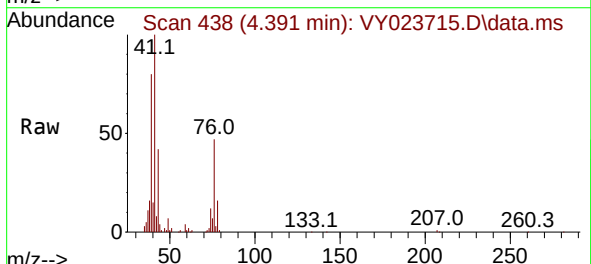
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

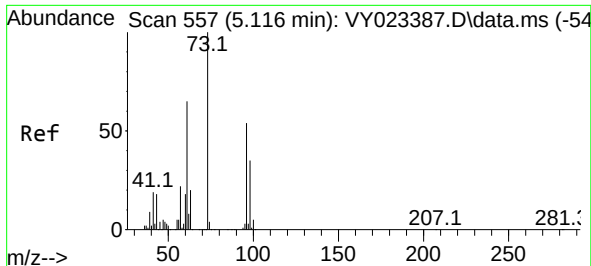
Tgt Ion: 76 Resp: 306981
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 17.559 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 43 Resp: 47628
Ion Ratio Lower Upper
43 100
74 29.0 24.2 36.4

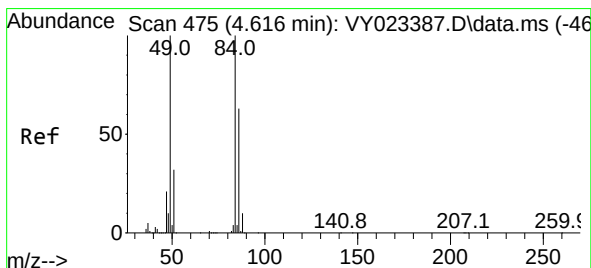
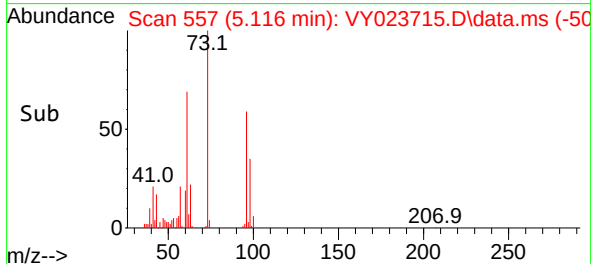
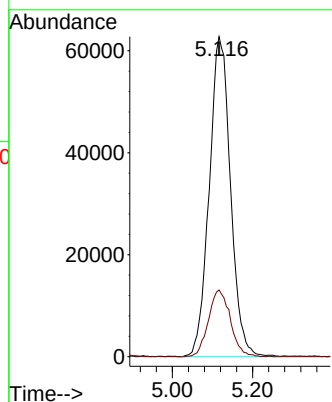
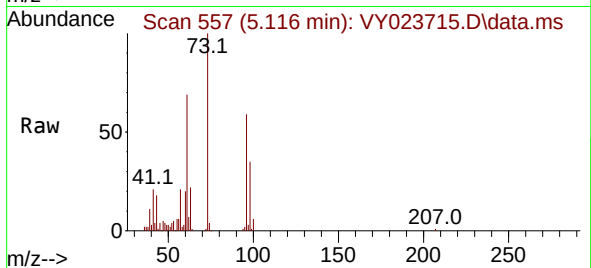




#19
Methyl tert-butyl Ether
Concen: 20.748 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

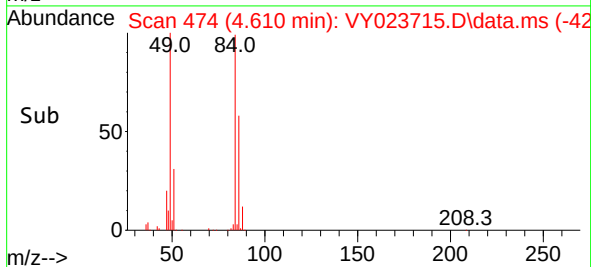
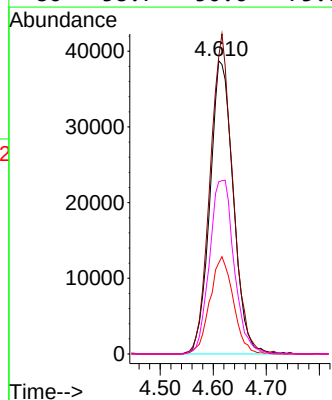
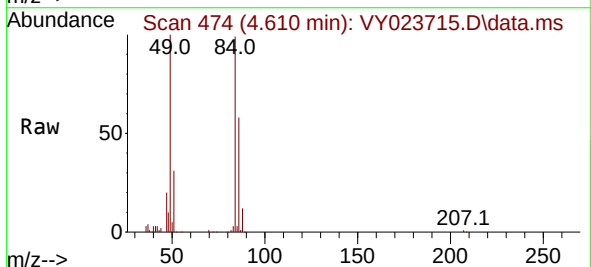
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

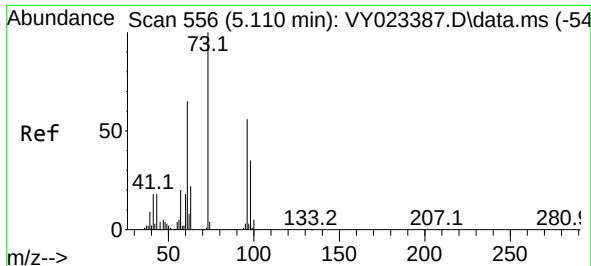
Tgt Ion: 73 Resp: 231040
Ion Ratio Lower Upper
73 100
57 20.8 17.4 26.0



#20
Methylene Chloride
Concen: 21.215 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 84 Resp: 118618
Ion Ratio Lower Upper
84 100
49 101.4 80.2 120.4
51 31.0 25.9 38.9
86 58.7 50.6 75.8

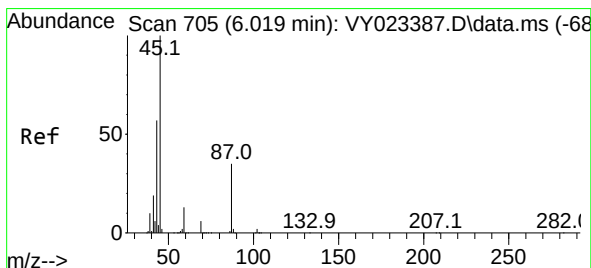
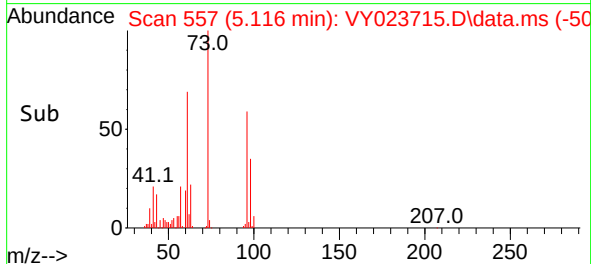
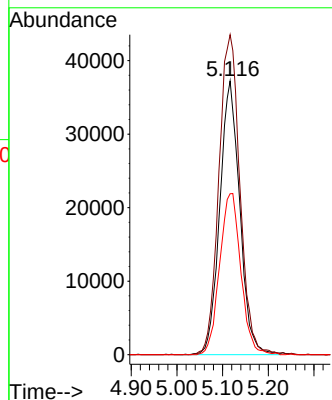
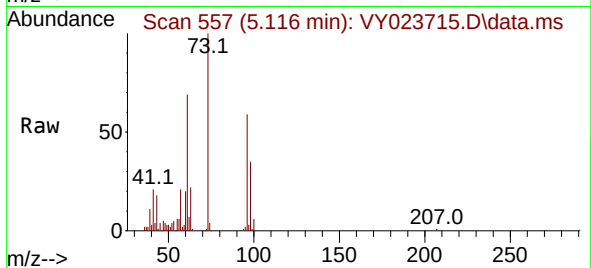




#21
trans-1,2-Dichloroethene
Concen: 22.173 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

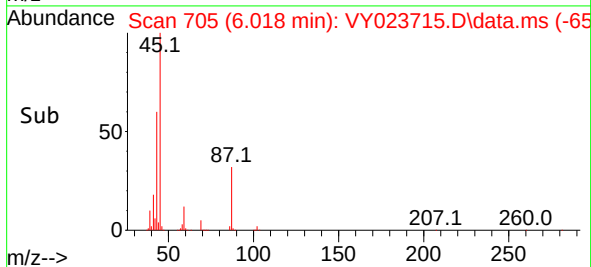
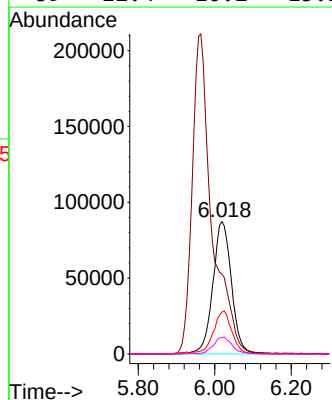
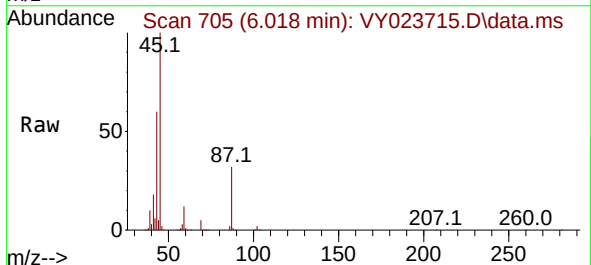
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

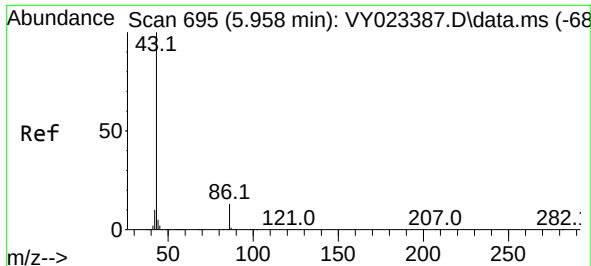
Tgt Ion: 96 Resp: 113103
Ion Ratio Lower Upper
96 100
61 116.9 92.7 139.1
98 58.8 49.7 74.5



#22
Diisopropyl ether
Concen: 23.582 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 45 Resp: 294543
Ion Ratio Lower Upper
45 100
43 60.1 45.6 68.4
87 31.6 28.1 42.1
59 12.4 10.2 15.2

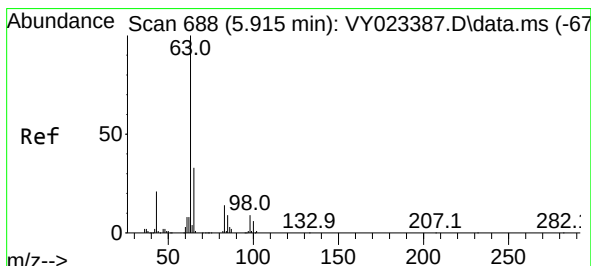
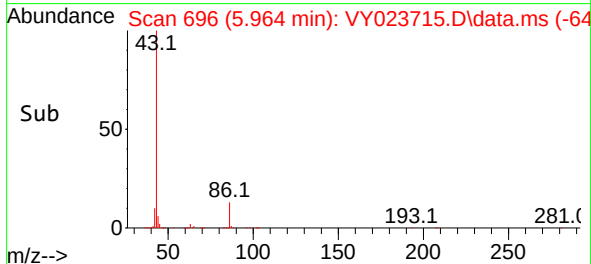
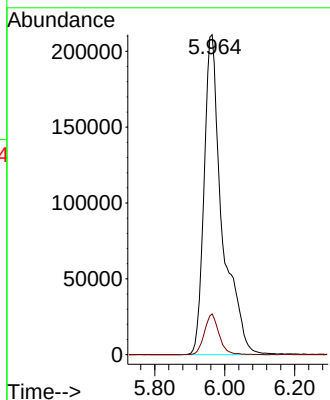
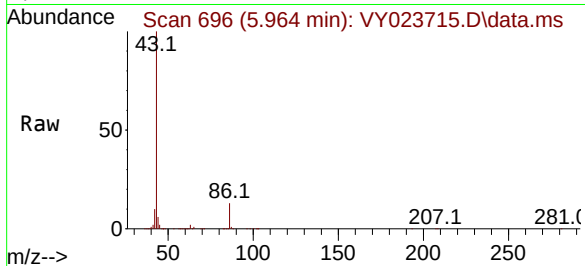




#23
 Vinyl Acetate
 Concen: 112.134 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023715.D
 Acq: 10 Nov 2025 15:11

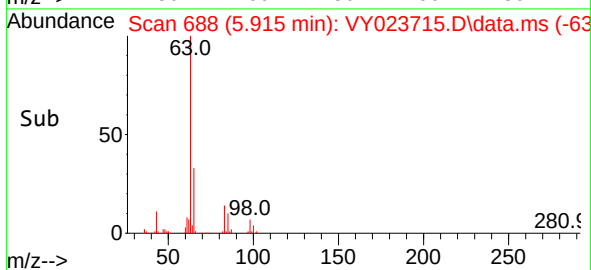
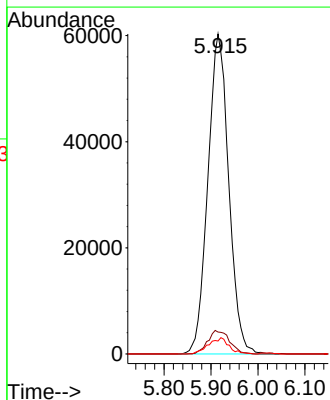
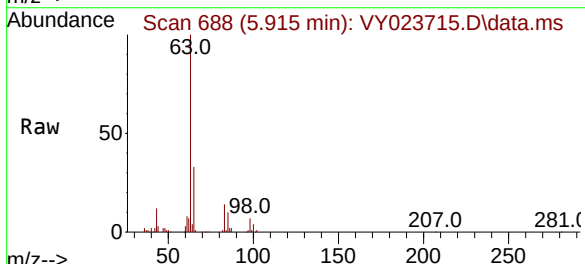
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBS01

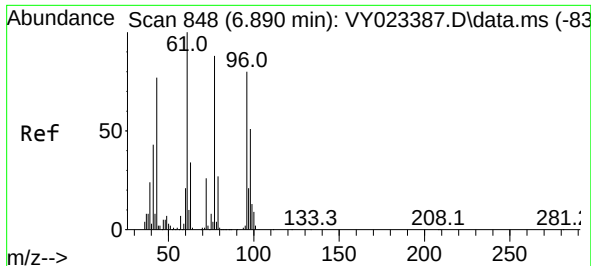
Tgt Ion: 43 Resp: 758081
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 22.472 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023715.D
 Acq: 10 Nov 2025 15:11

Tgt Ion: 63 Resp: 185924
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.3 13.1
 100 4.1 2.8 8.4





#25

2-Butanone

Concen: 113.833 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

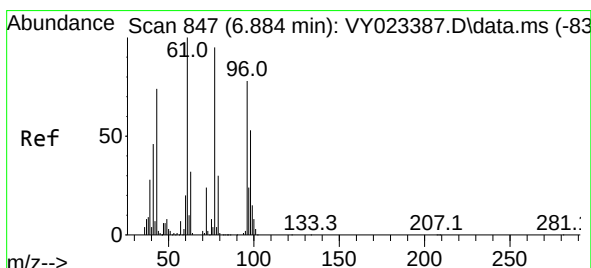
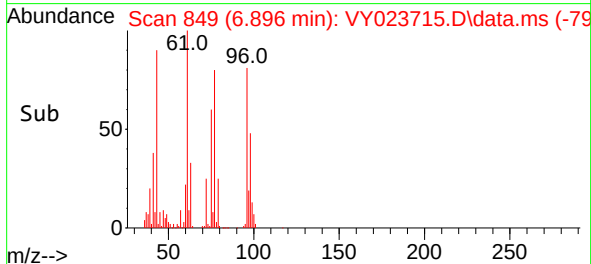
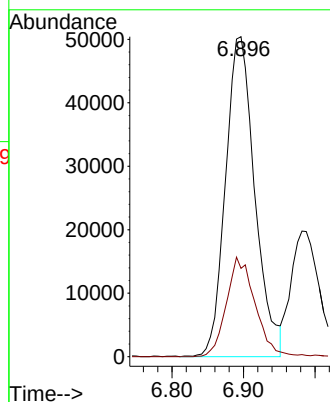
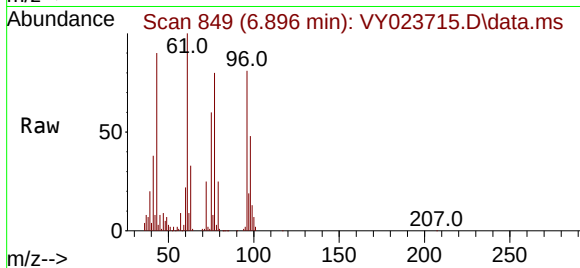
VY1110SBS01

Tgt Ion: 43 Resp: 143697

Ion Ratio Lower Upper

43 100

72 27.6 27.4 41.2



#26

2,2-Dichloropropane

Concen: 21.573 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY023715.D

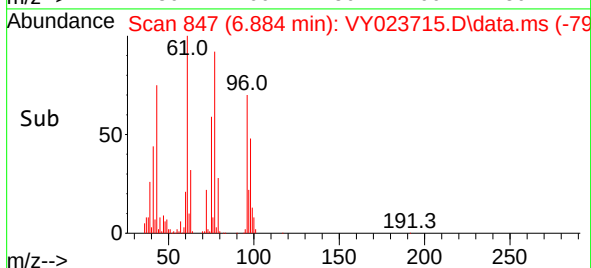
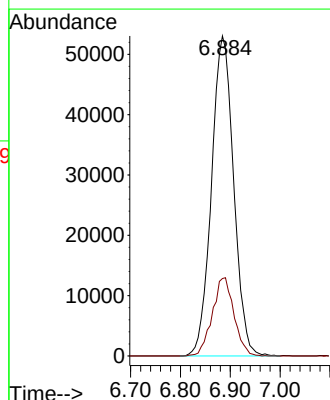
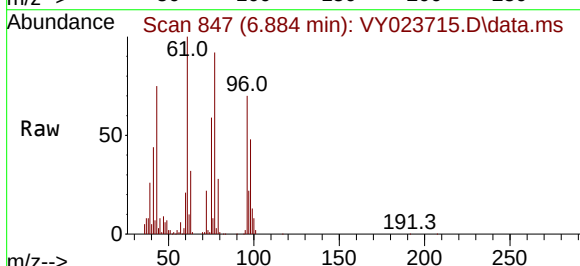
Acq: 10 Nov 2025 15:11

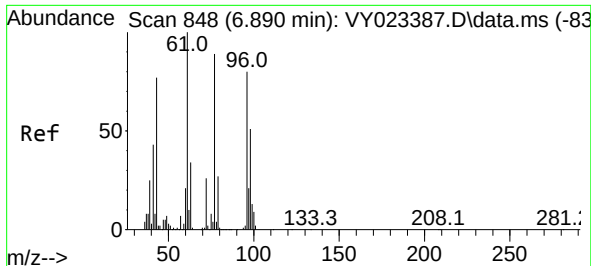
Tgt Ion: 77 Resp: 163777

Ion Ratio Lower Upper

77 100

97 23.9 12.1 36.3

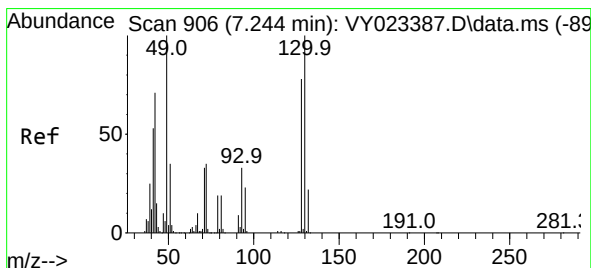
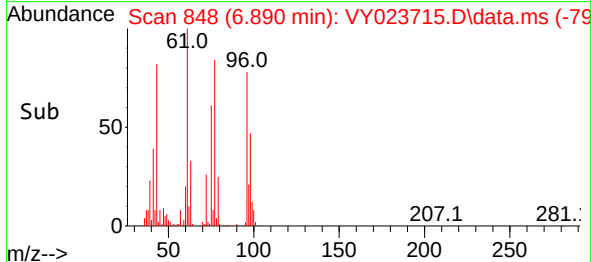
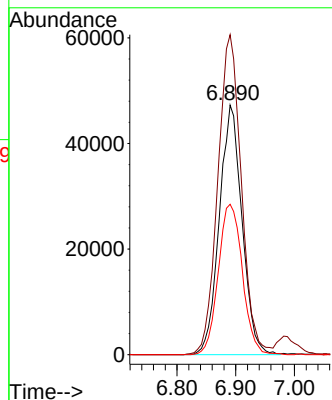
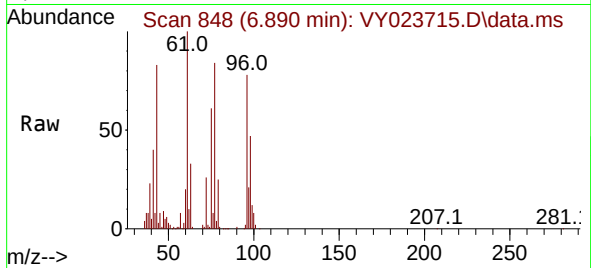




#27
 cis-1,2-Dichloroethene
 Concen: 21.566 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY023715.D
 Acq: 10 Nov 2025 15:11

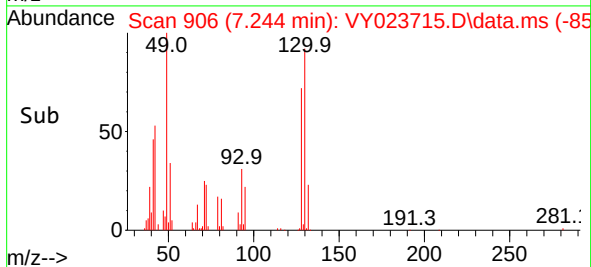
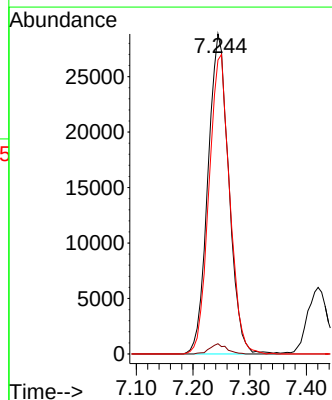
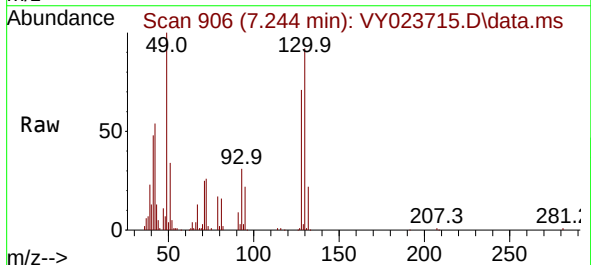
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBSD01

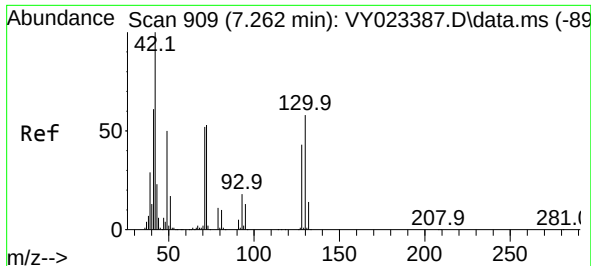
Tgt Ion: 96 Resp: 127074
 Ion Ratio Lower Upper
 96 100
 61 132.7 0.0 258.2
 98 63.9 0.0 132.0



#28
 Bromochloromethane
 Concen: 23.855 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY023715.D
 Acq: 10 Nov 2025 15:11

Tgt Ion: 49 Resp: 73678
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.6
 130 92.8 81.9 122.9





#29

Tetrahydrofuran

Concen: 108.523 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

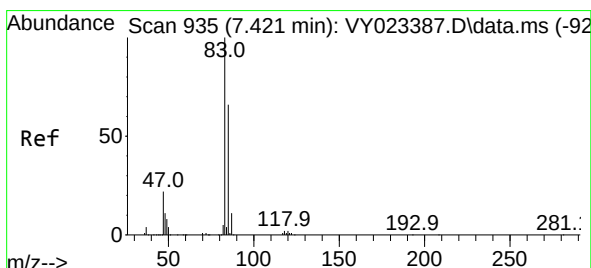
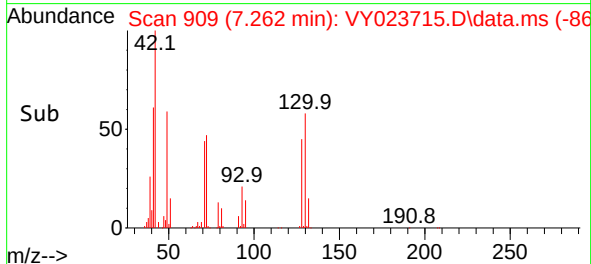
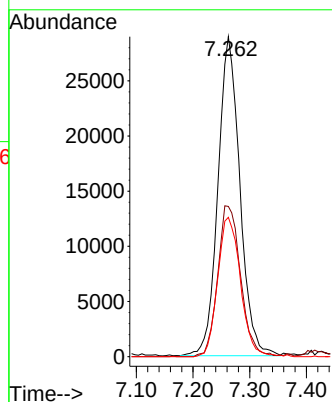
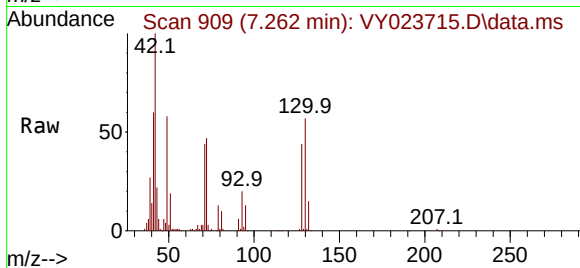
Tgt Ion: 42 Resp: 77685

Ion Ratio Lower Upper

42 100

72 49.3 43.0 64.6

71 45.6 40.1 60.1



#30

Chloroform

Concen: 22.450 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY023715.D

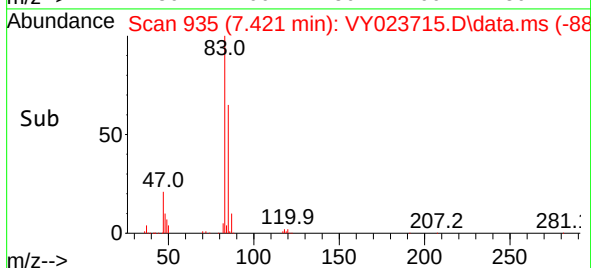
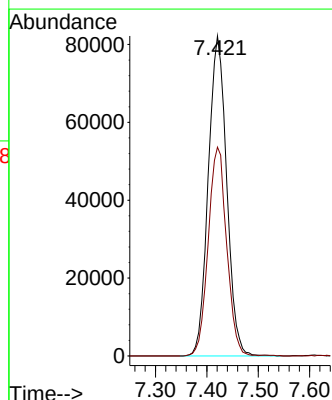
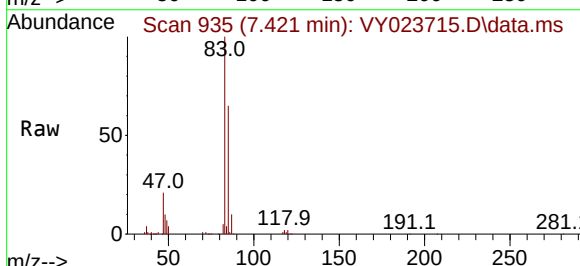
Acq: 10 Nov 2025 15:11

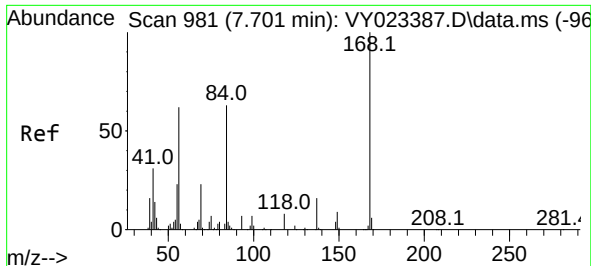
Tgt Ion: 83 Resp: 204072

Ion Ratio Lower Upper

83 100

85 65.2 52.5 78.7

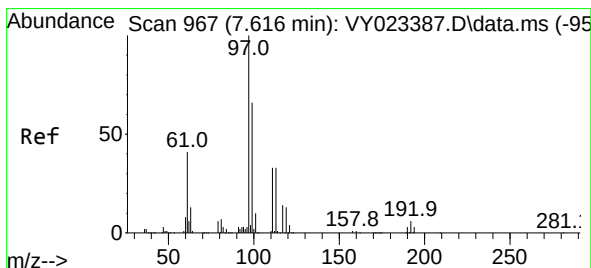
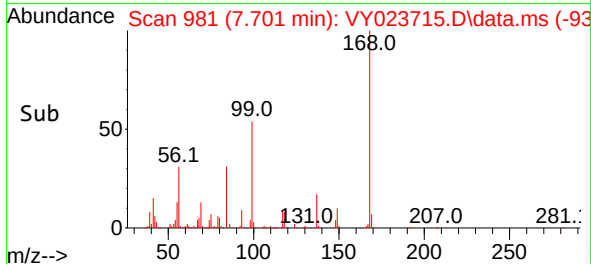
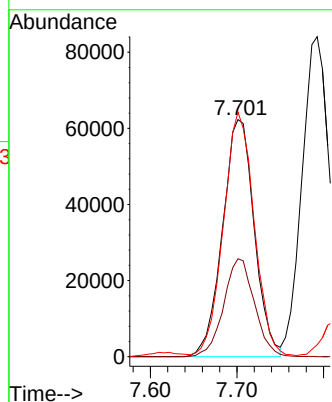
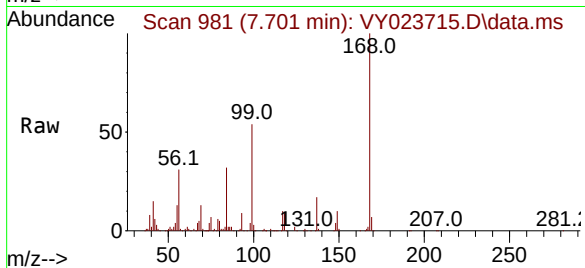




#31
Cyclohexane
Concen: 21.967 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

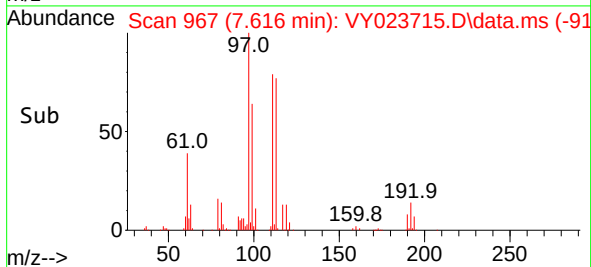
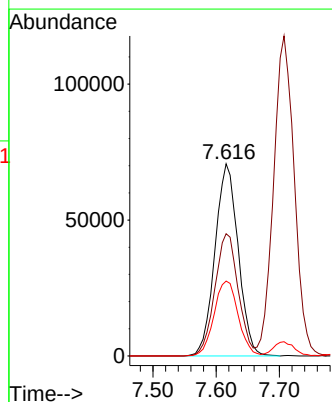
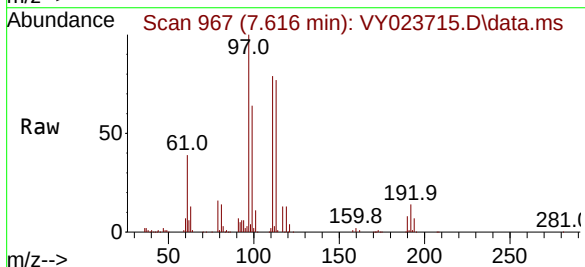
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

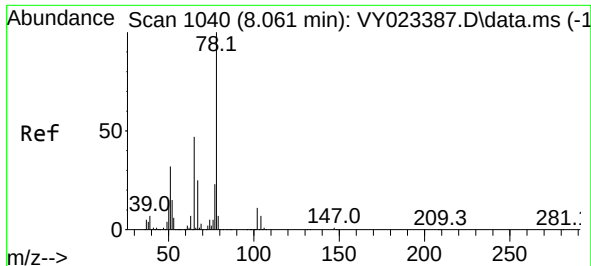
Tgt Ion: 56 Resp: 158715
Ion Ratio Lower Upper
56 100
69 41.3 30.0 45.0
84 102.0 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 21.791 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 97 Resp: 180011
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.2
61 40.6 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 54.619 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

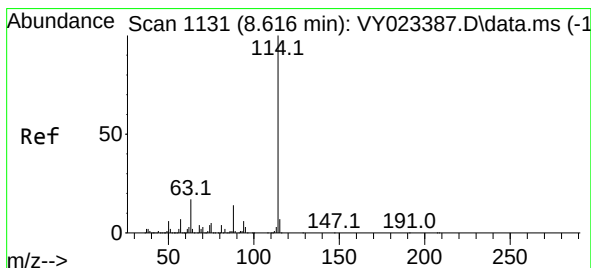
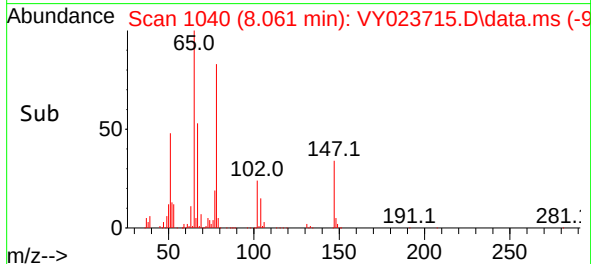
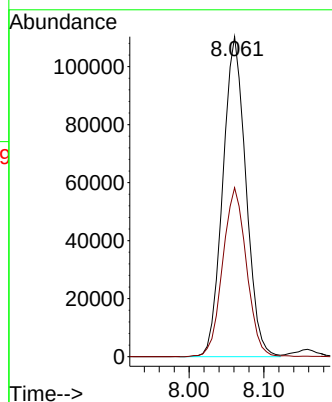
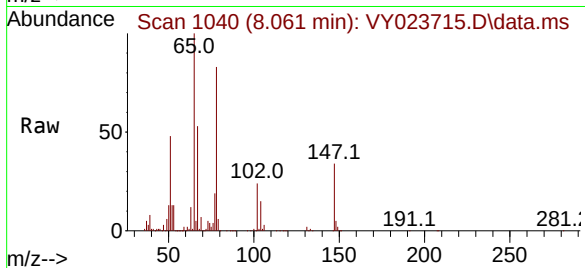
VY1110SBS01

Tgt Ion: 65 Resp: 237224

Ion Ratio Lower Upper

65 100

67 54.5 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

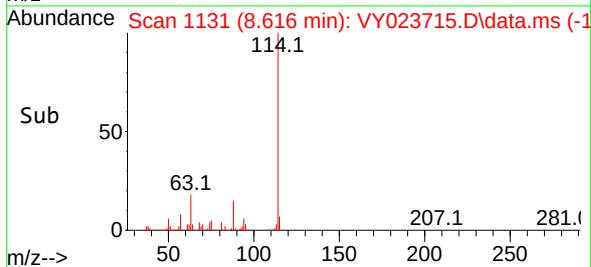
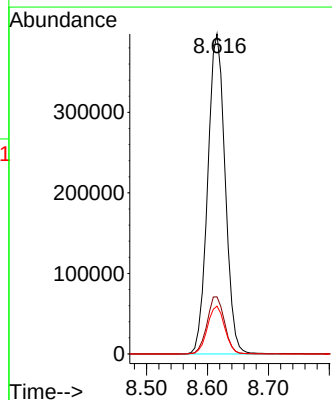
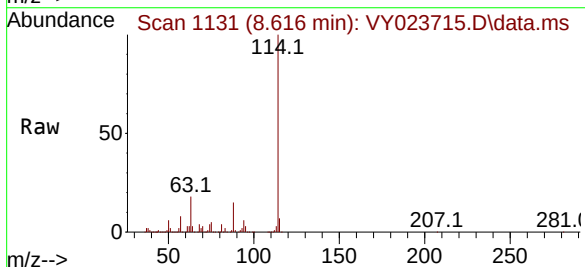
Tgt Ion: 114 Resp: 787388

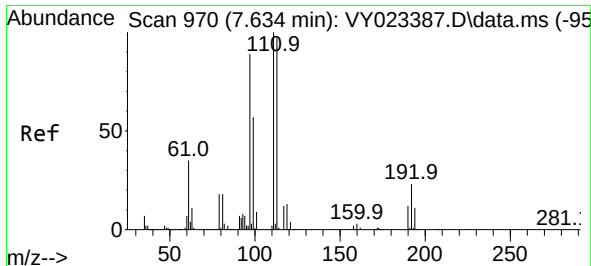
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.2

88 15.0 0.0 28.4

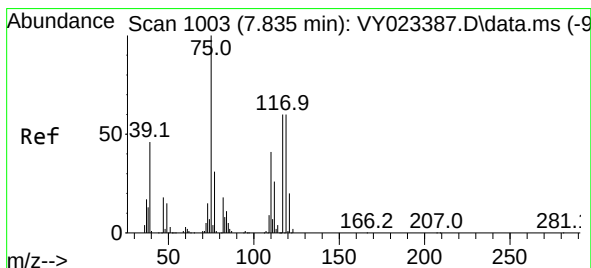
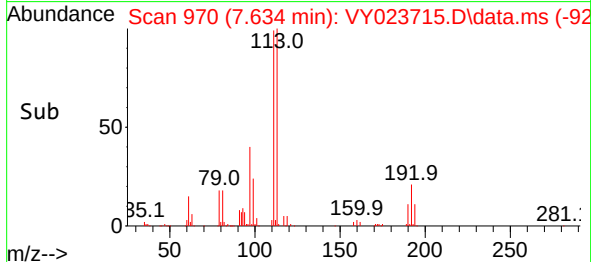
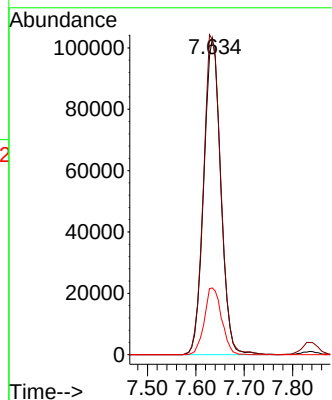
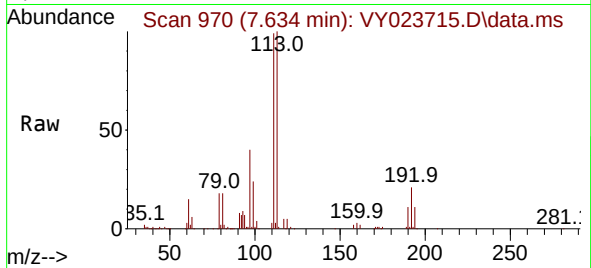




#35
Dibromofluoromethane
Concen: 51.921 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

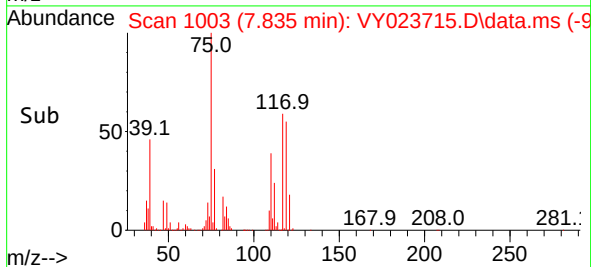
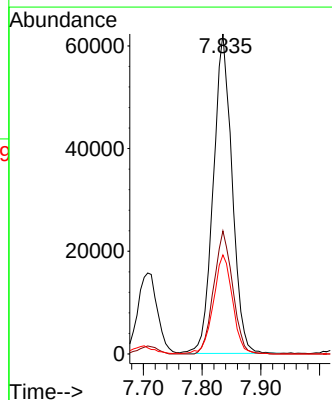
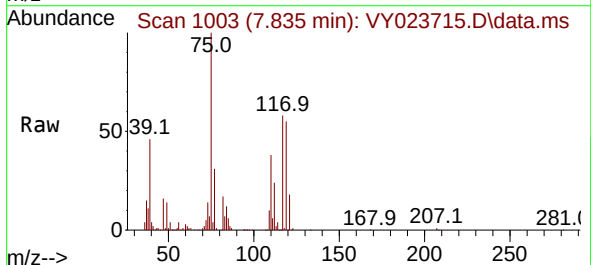
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

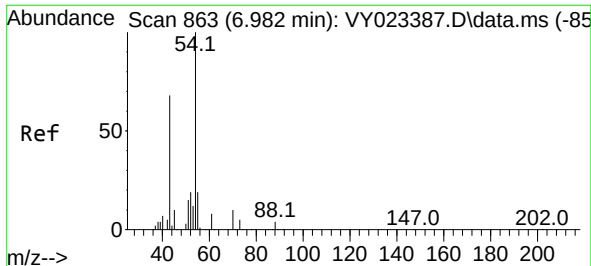
Tgt Ion:113 Resp: 251198
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 21.5 18.0 27.0



#36
1,1-Dichloropropene
Concen: 21.558 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 75 Resp: 138080
Ion Ratio Lower Upper
75 100
110 38.8 19.9 59.7
77 31.7 25.0 37.6





#37

Ethyl Acetate

Concen: 21.765 ug/l

RT: 6.982 min Scan# 863

Delta R.T. -0.000 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

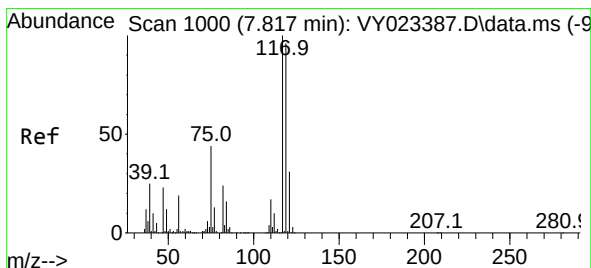
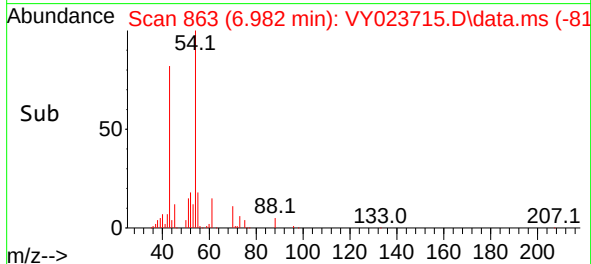
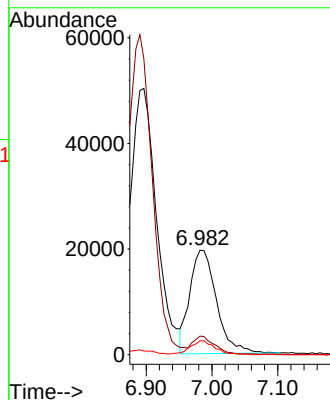
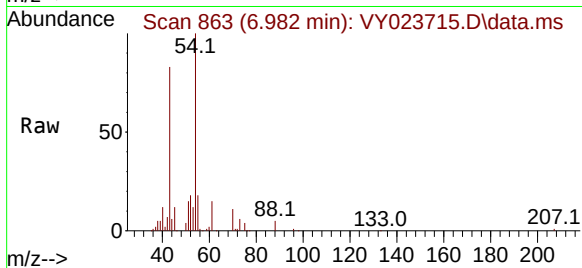
Tgt Ion: 43 Resp: 55229

Ion Ratio Lower Upper

43 100

61 14.0 11.8 17.8

70 12.5 10.5 15.7



#38

Carbon Tetrachloride

Concen: 20.702 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

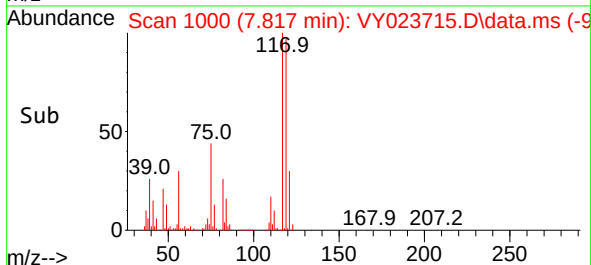
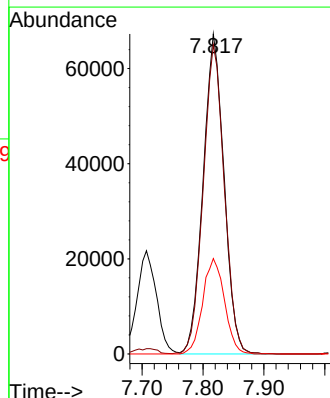
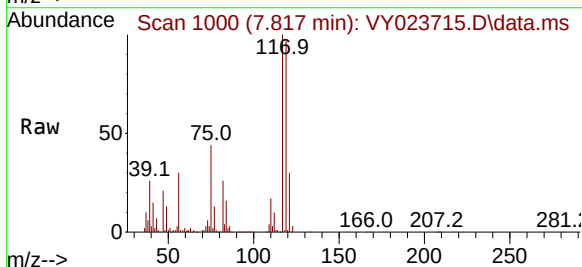
Tgt Ion: 117 Resp: 160788

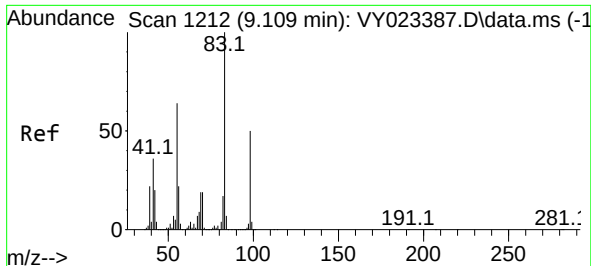
Ion Ratio Lower Upper

117 100

119 96.6 76.8 115.2

121 29.8 24.5 36.7





#39

Methylcyclohexane

Concen: 20.137 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBSD01

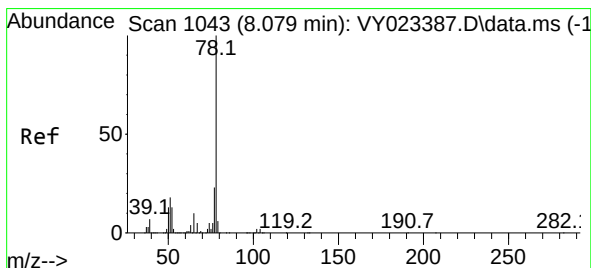
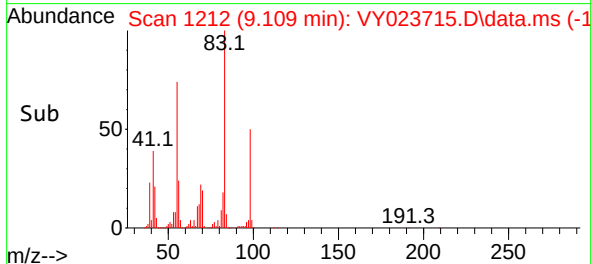
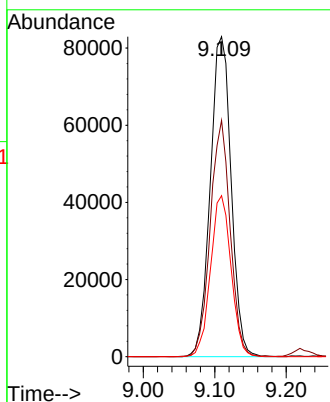
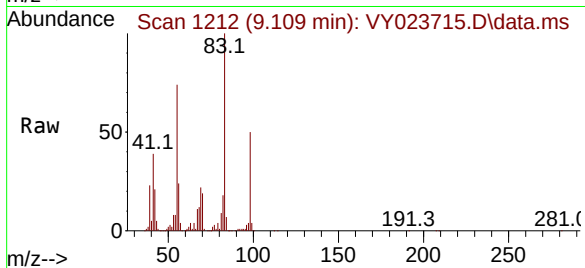
Tgt Ion: 83 Resp: 167938

Ion Ratio Lower Upper

83 100

55 73.8 51.4 77.2

98 50.3 40.4 60.6



#40

Benzene

Concen: 22.295 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023715.D

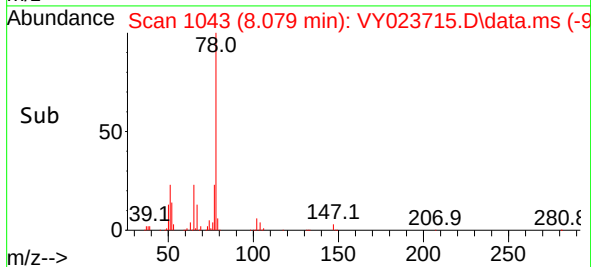
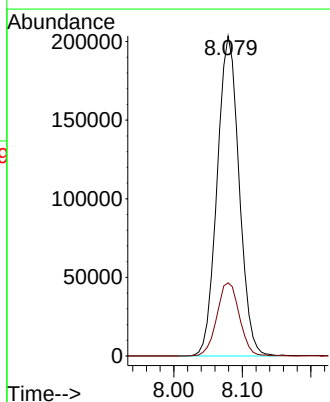
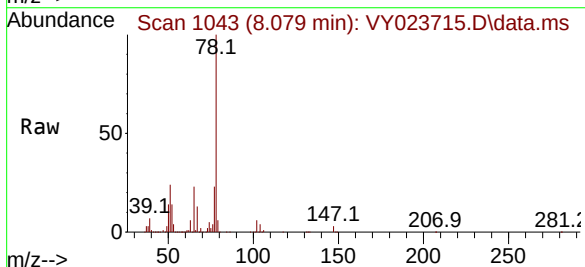
Acq: 10 Nov 2025 15:11

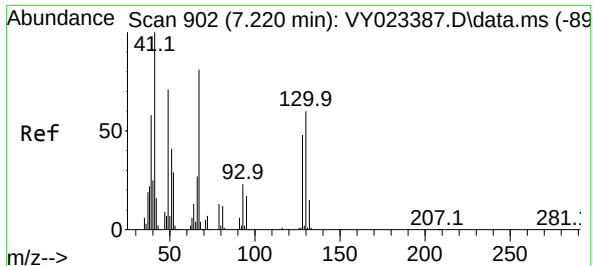
Tgt Ion: 78 Resp: 452253

Ion Ratio Lower Upper

78 100

77 22.9 18.3 27.5

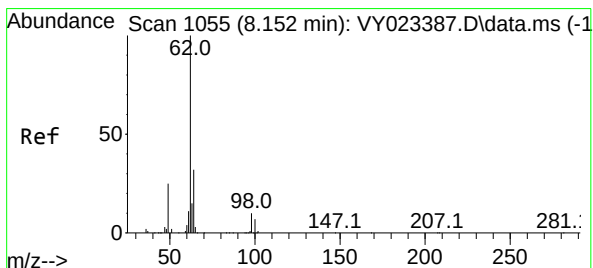
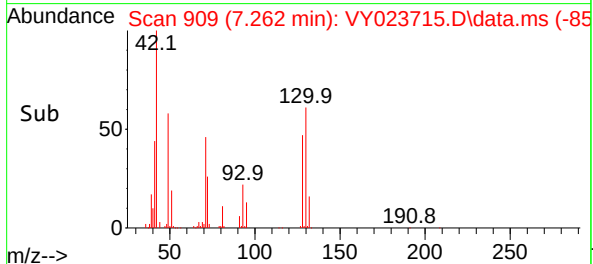
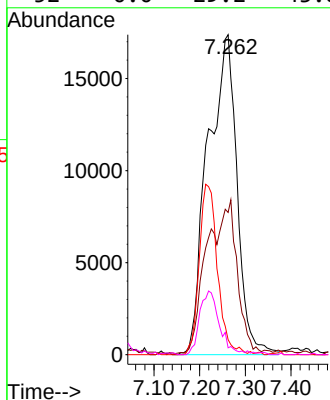
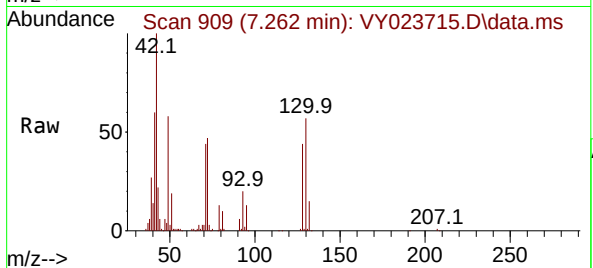




#41
Methacrylonitrile
Concen: 56.037 ug/l
RT: 7.262 min Scan# 902
Delta R.T. 0.043 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

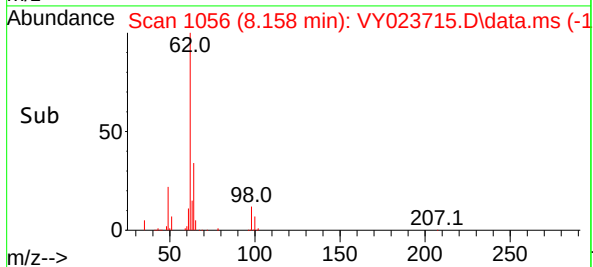
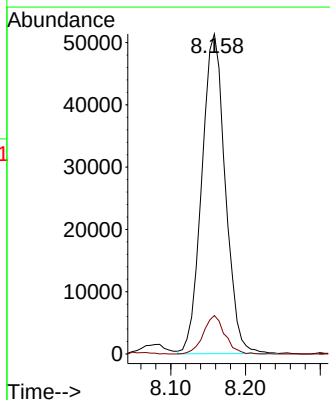
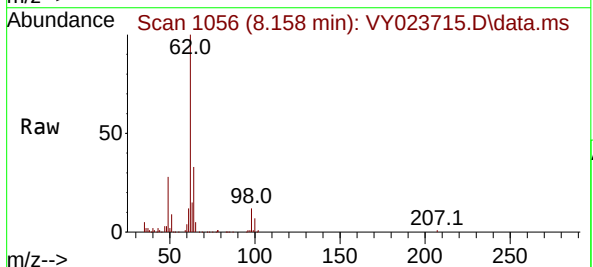
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

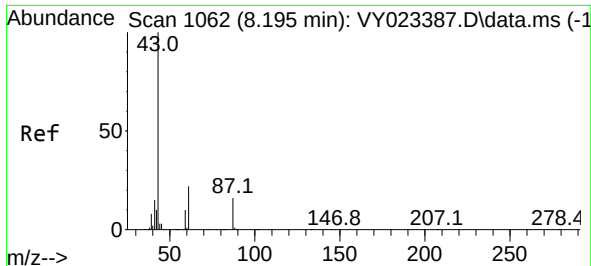
Tgt Ion: 41 Resp: 76906
Ion Ratio Lower Upper
41 100
39 24.3 52.2 78.4#
67 0.0 74.9 112.3#
52 0.0 29.2 43.8#



#42
1,2-Dichloroethane
Concen: 21.474 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 62 Resp: 112341
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.6

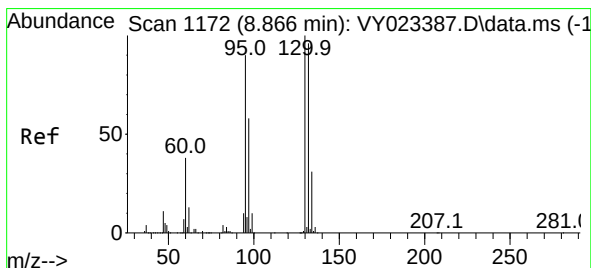
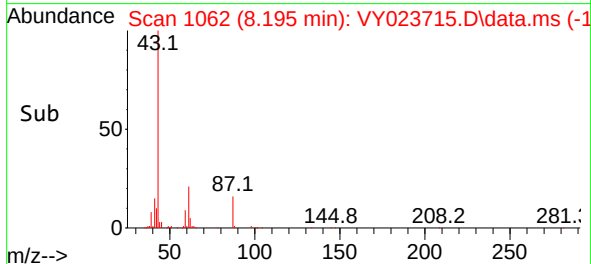
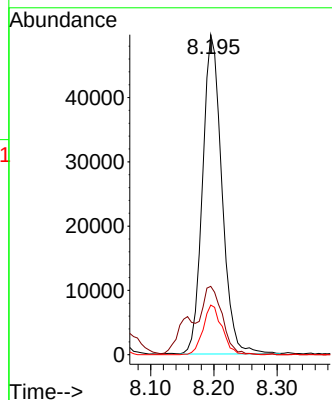
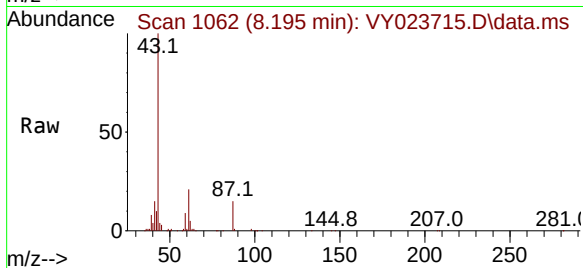




#43
Isopropyl Acetate
Concen: 20.892 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

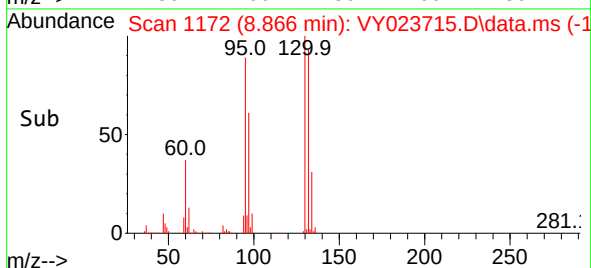
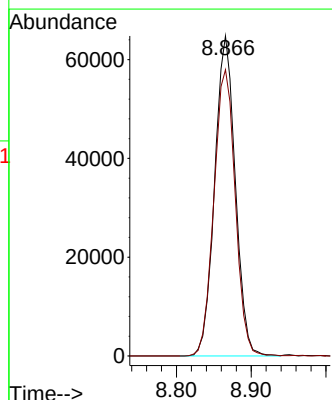
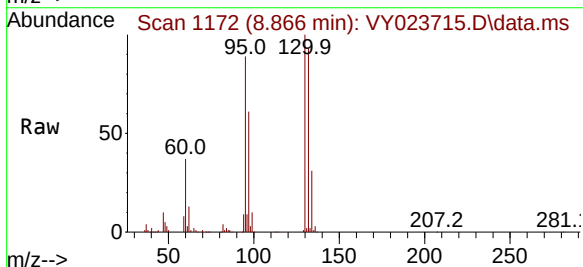
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

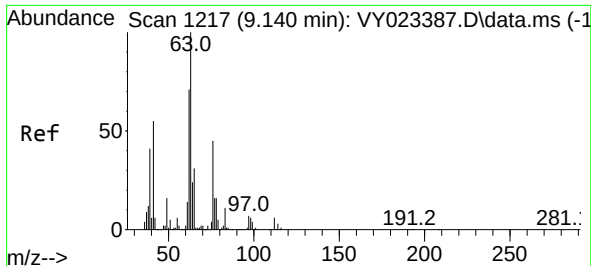
Tgt Ion: 43 Resp: 105712
Ion Ratio Lower Upper
43 100
61 22.3 18.1 27.1
87 15.3 13.5 20.3



#44
Trichloroethene
Concen: 20.951 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion:130 Resp: 124391
Ion Ratio Lower Upper
130 100
95 89.4 0.0 180.6





#45

1,2-Dichloropropane

Concen: 22.360 ug/l

RT: 9.140 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

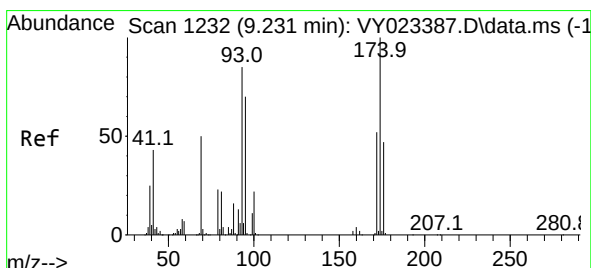
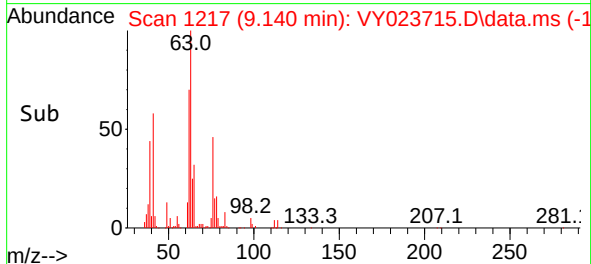
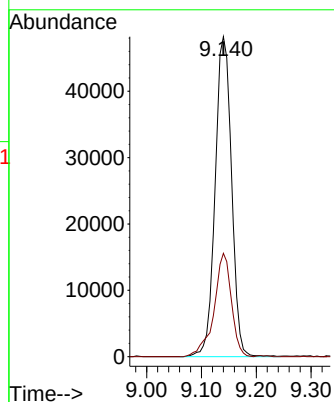
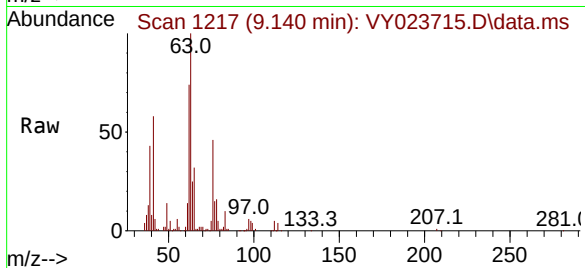
VY1110SBSD01

Tgt Ion: 63 Resp: 100183

Ion Ratio Lower Upper

63 100

65 32.3 24.9 37.3



#46

Dibromomethane

Concen: 21.049 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

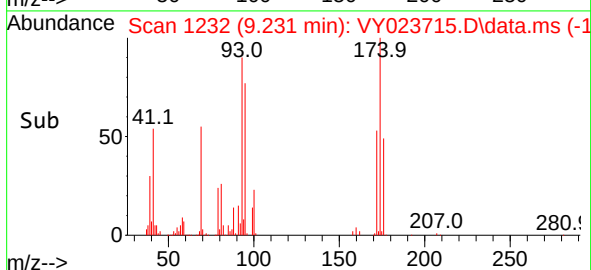
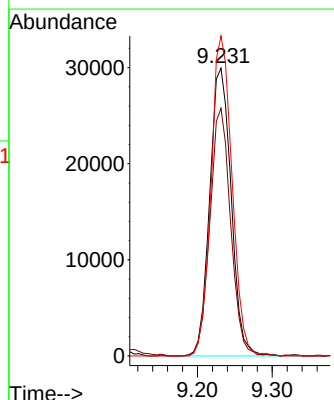
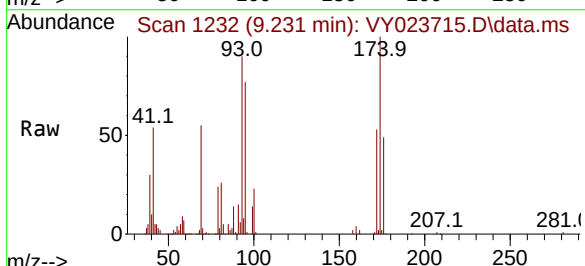
Tgt Ion: 93 Resp: 59633

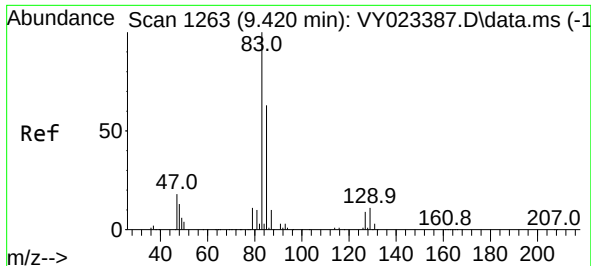
Ion Ratio Lower Upper

93 100

95 83.2 65.4 98.0

174 109.4 92.9 139.3

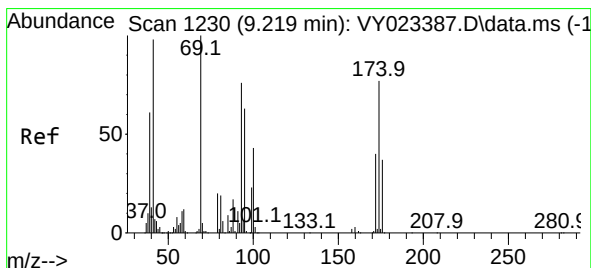
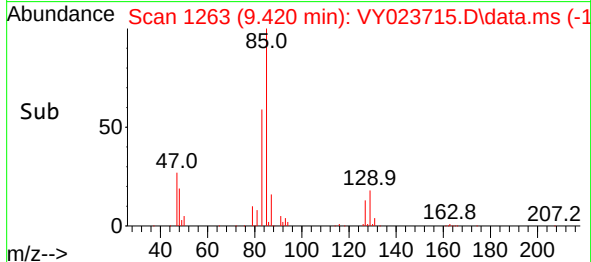
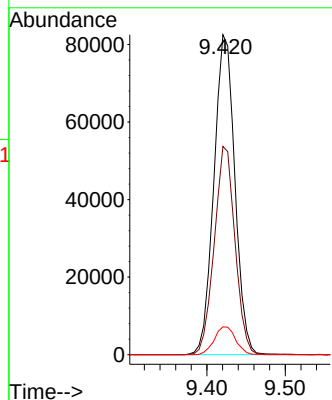
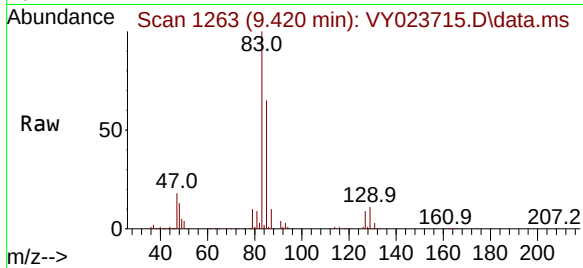




#47
Bromodichloromethane
Concen: 21.539 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

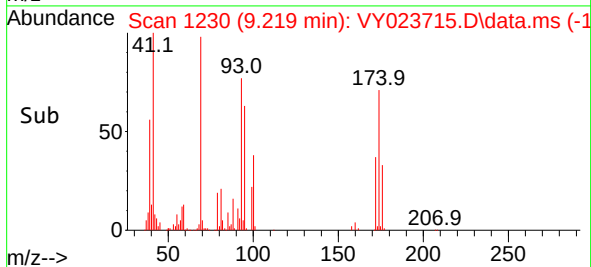
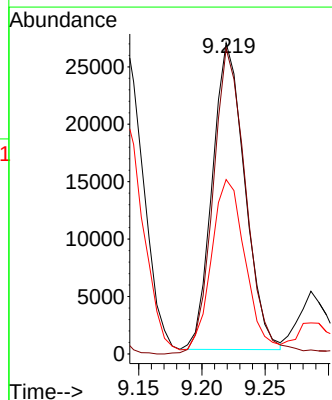
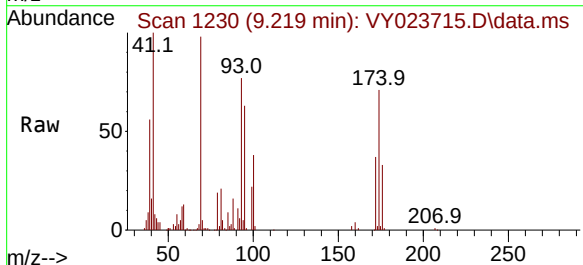
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

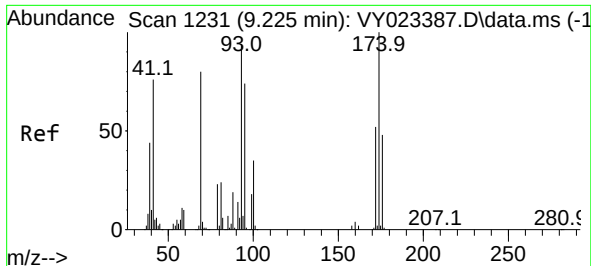
Tgt Ion: 83 Resp: 153688
Ion Ratio Lower Upper
83 100
85 65.1 50.8 76.2
127 8.7 7.4 11.2



#48
Methyl methacrylate
Concen: 20.050 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 41 Resp: 47660
Ion Ratio Lower Upper
41 100
69 102.1 81.0 121.4
39 57.3 48.2 72.4

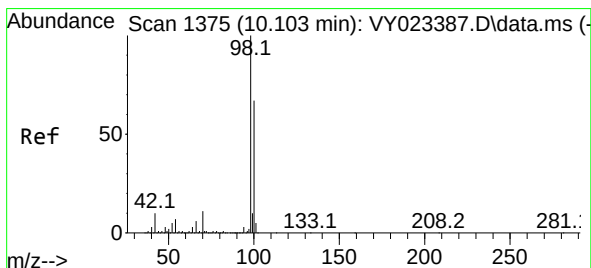
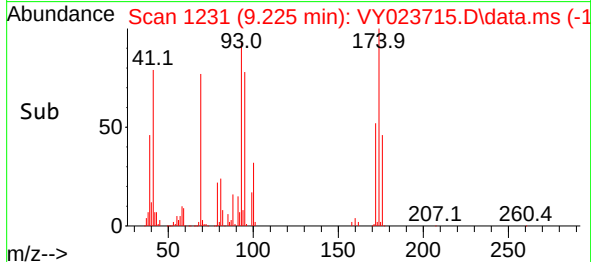
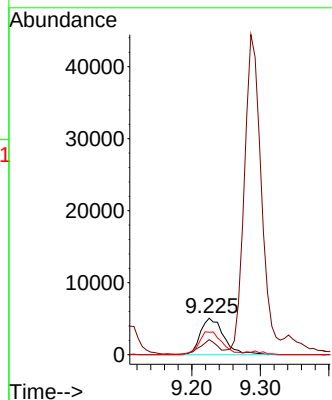
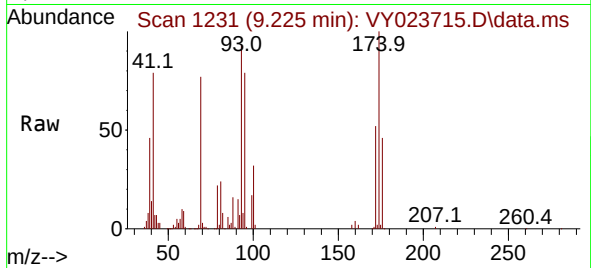




#49
1,4-Dioxane
Concen: 366.877 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

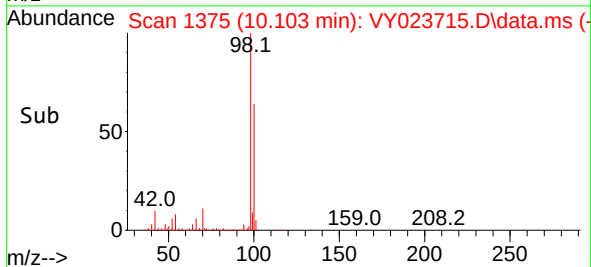
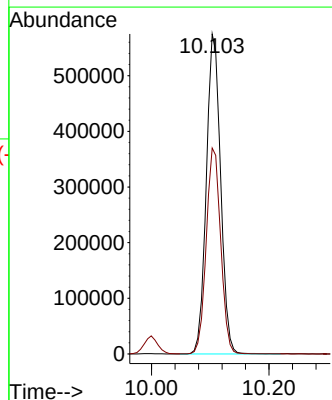
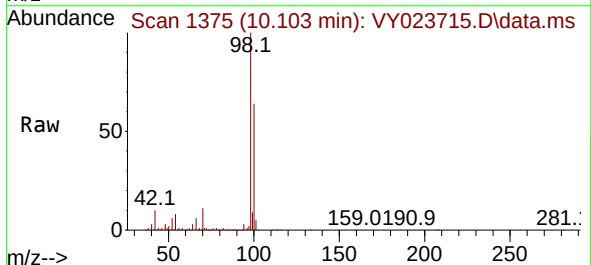
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

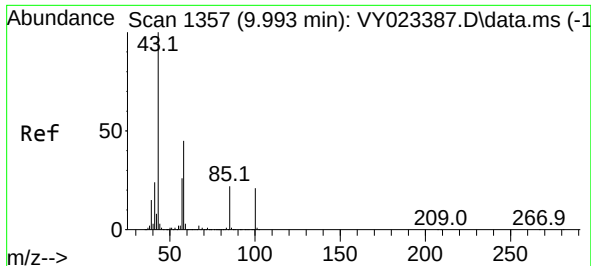
Tgt Ion: 88 Resp: 12051
Ion Ratio Lower Upper
88 100
43 28.7 21.8 32.8
58 62.1 46.8 70.2



#50
Toluene-d8
Concen: 53.920 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 98 Resp: 971514
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 106.373 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

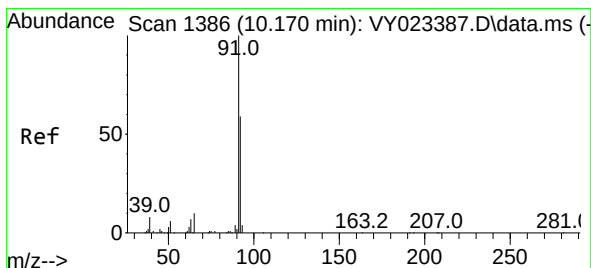
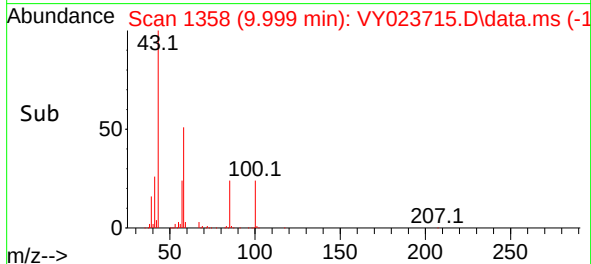
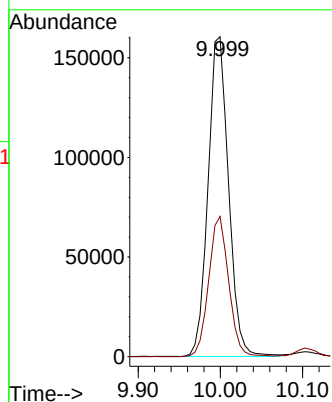
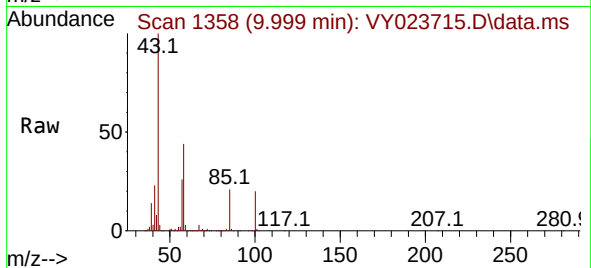
VY1110SBS01

Tgt Ion: 43 Resp: 278089

Ion Ratio Lower Upper

43 100

58 42.8 35.3 52.9



#52

Toluene

Concen: 21.805 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023715.D

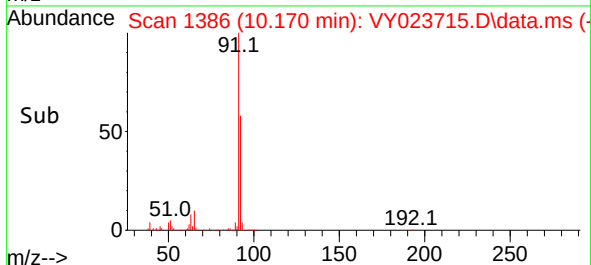
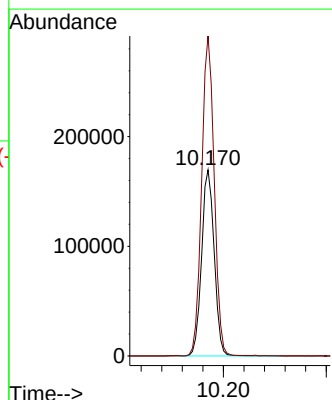
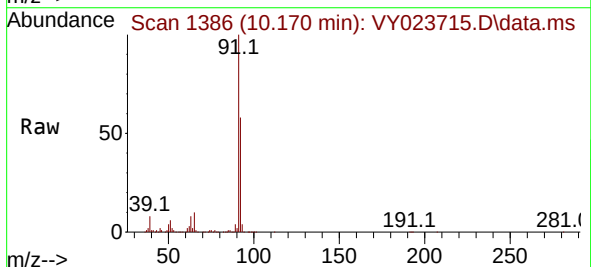
Acq: 10 Nov 2025 15:11

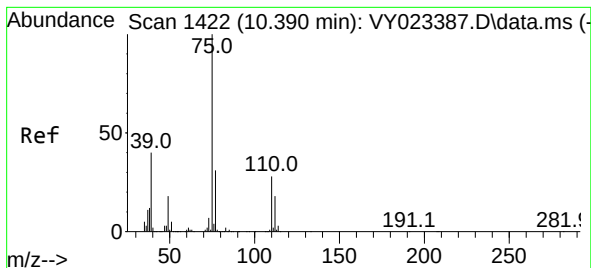
Tgt Ion: 92 Resp: 287178

Ion Ratio Lower Upper

92 100

91 171.8 136.4 204.6

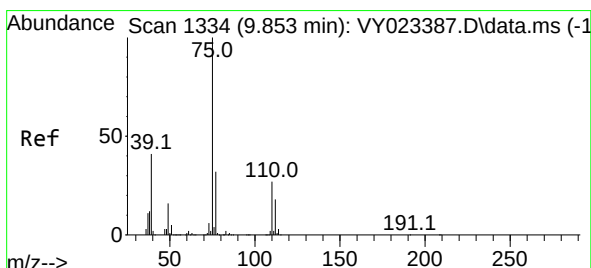
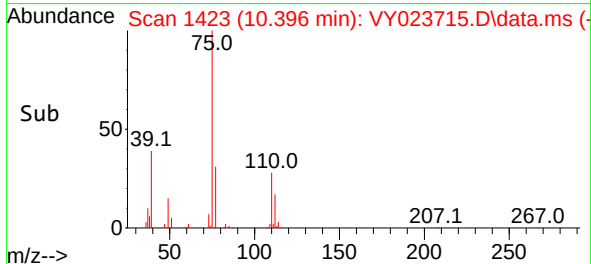
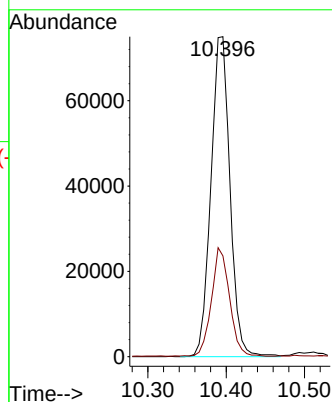
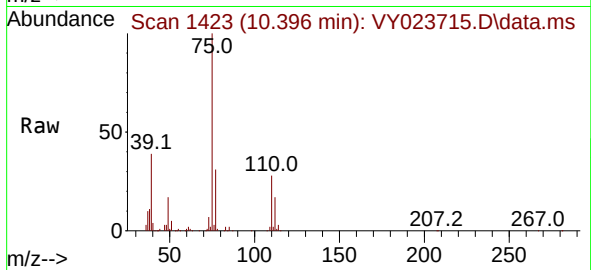




#53
 t-1,3-Dichloropropene
 Concen: 20.431 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023715.D
 Acq: 10 Nov 2025 15:11

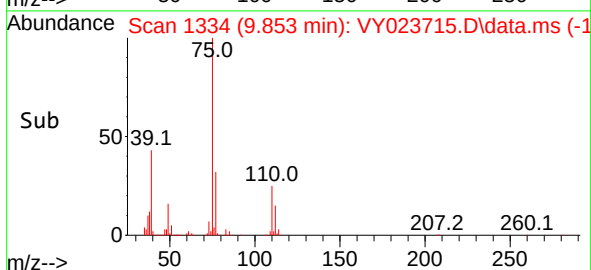
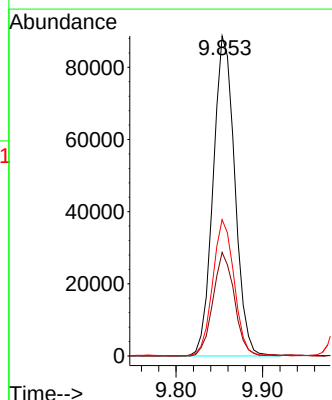
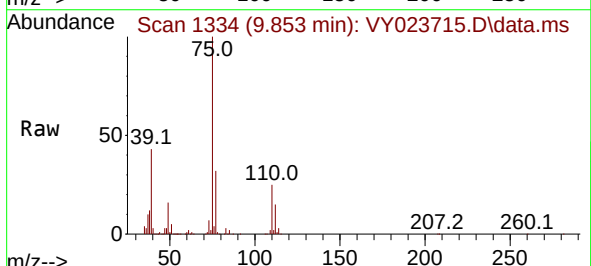
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBSD01

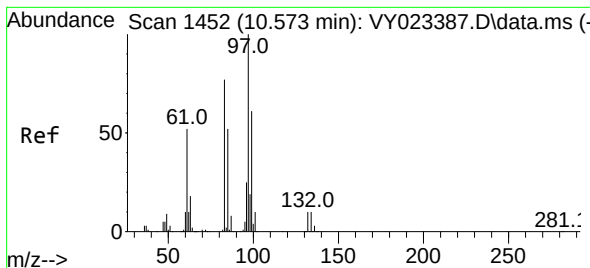
Tgt Ion: 75 Resp: 126757
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 21.051 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY023715.D
 Acq: 10 Nov 2025 15:11

Tgt Ion: 75 Resp: 154148
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0
 39 42.5 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 21.353 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBSD01

Tgt Ion: 97 Resp: 81349

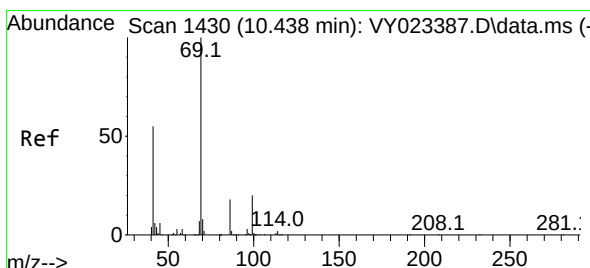
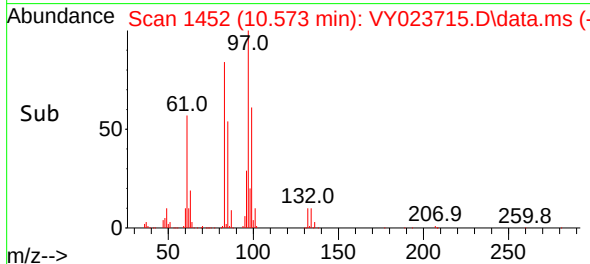
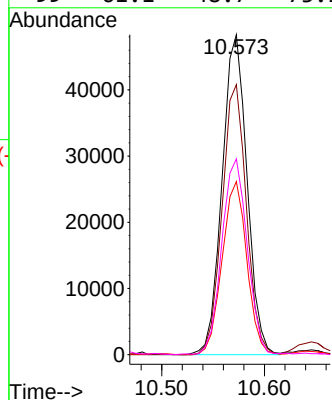
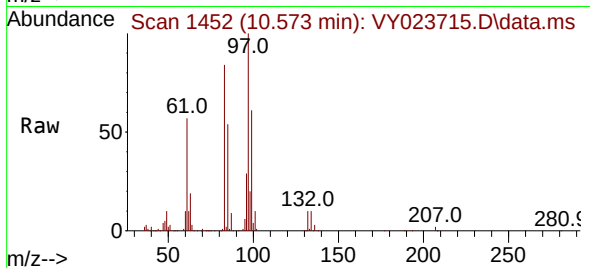
Ion Ratio Lower Upper

97 100

83 84.4 61.8 92.6

85 54.1 41.3 61.9

99 61.1 48.7 73.1



#56

Ethyl methacrylate

Concen: 20.096 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

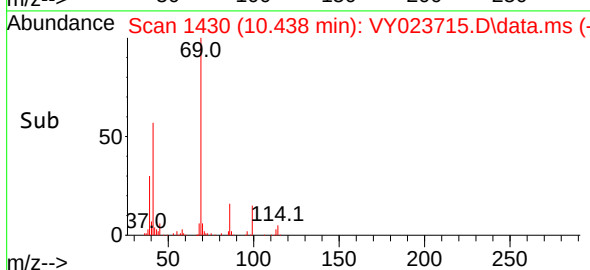
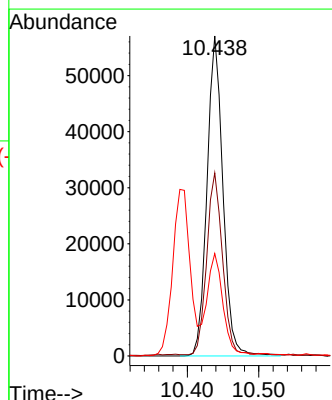
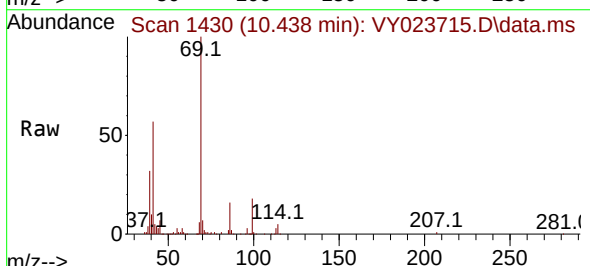
Tgt Ion: 69 Resp: 88314

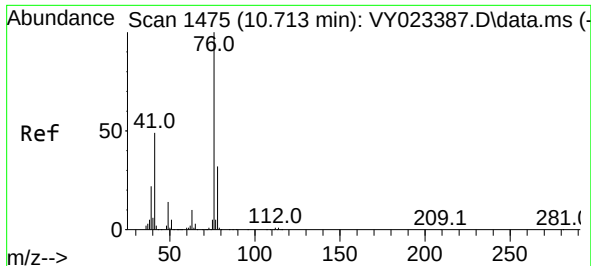
Ion Ratio Lower Upper

69 100

41 56.8 44.6 67.0

39 32.1 27.0 40.4





#57

1,3-Dichloropropane

Concen: 21.649 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

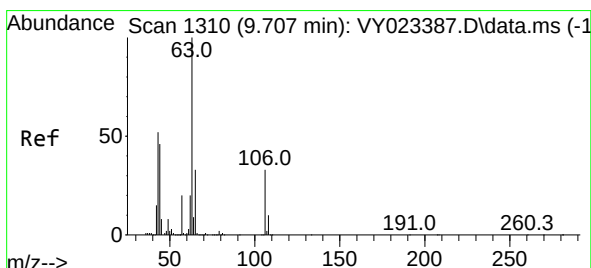
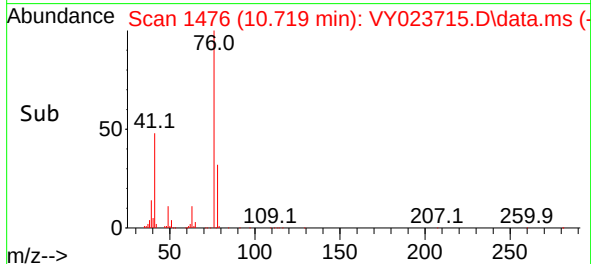
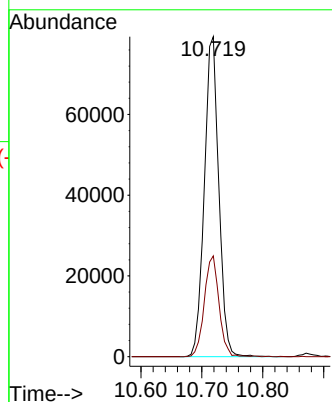
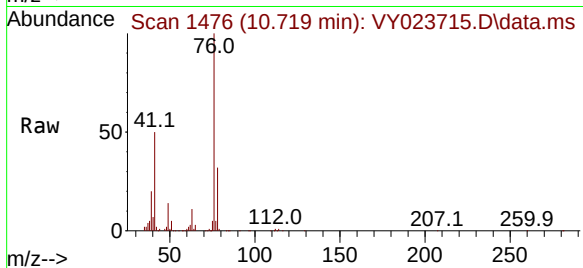
VY1110SBSD01

Tgt Ion: 76 Resp: 130698

Ion Ratio Lower Upper

76 100

78 32.0 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 103.926 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023715.D

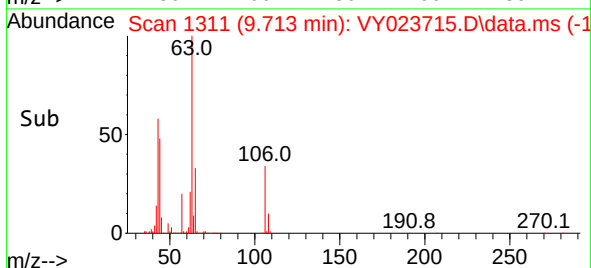
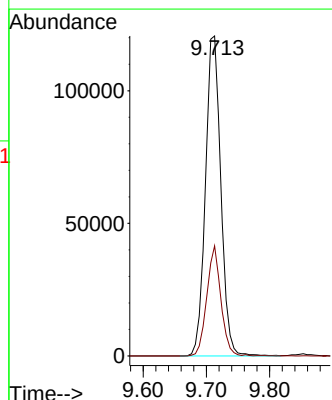
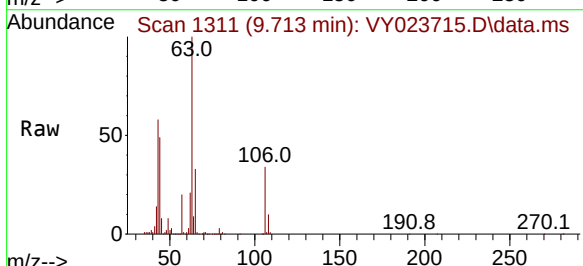
Acq: 10 Nov 2025 15:11

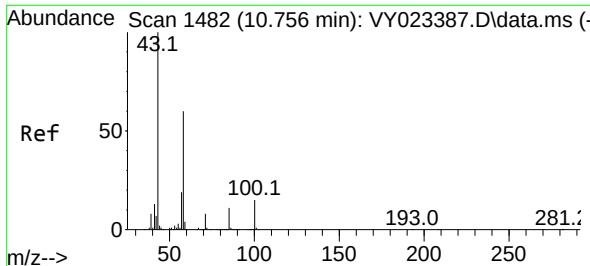
Tgt Ion: 63 Resp: 204597

Ion Ratio Lower Upper

63 100

106 31.5 26.6 39.8

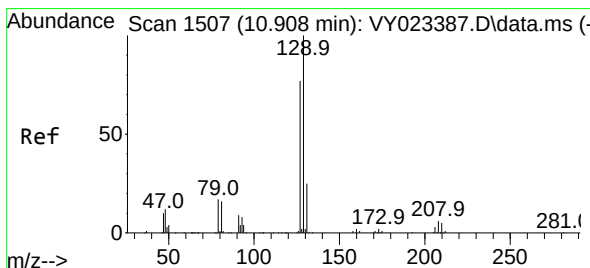
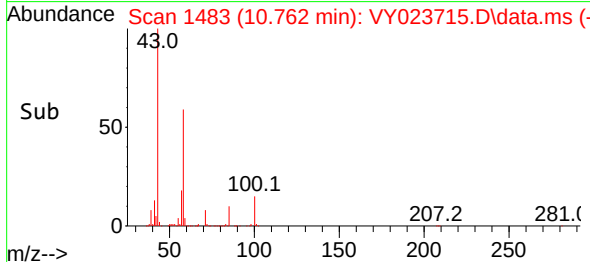
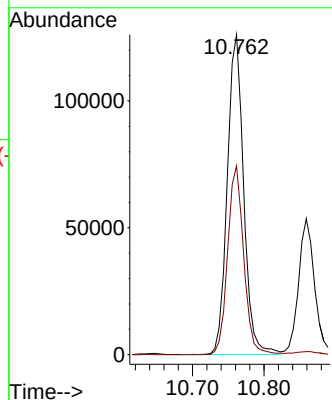
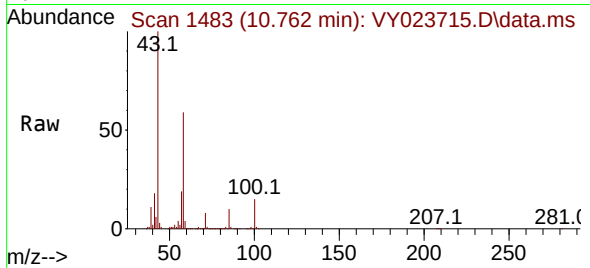




#59
2-Hexanone
Concen: 107.135 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

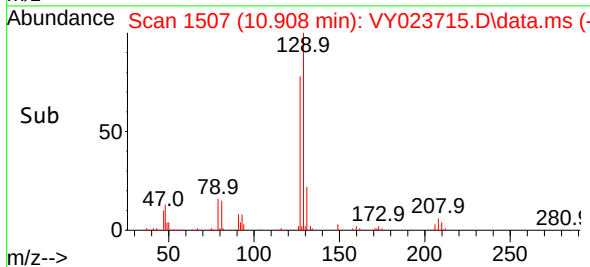
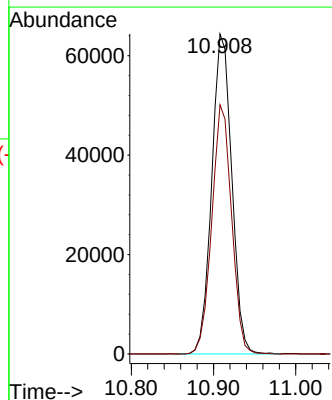
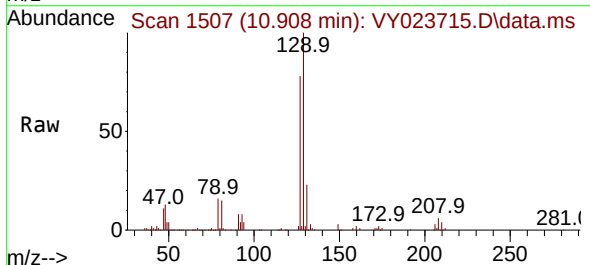
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

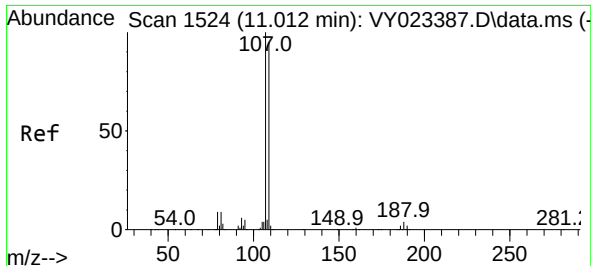
Tgt Ion: 43 Resp: 200160
Ion Ratio Lower Upper
43 100
58 58.1 30.5 91.5



#60
Dibromochloromethane
Concen: 20.406 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion:129 Resp: 108994
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.7

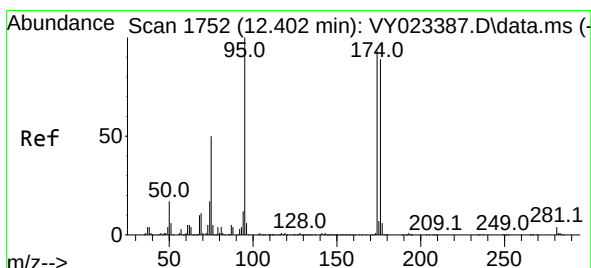
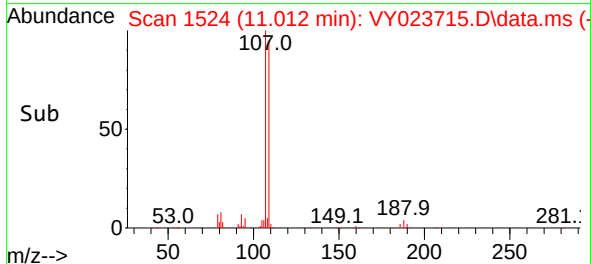
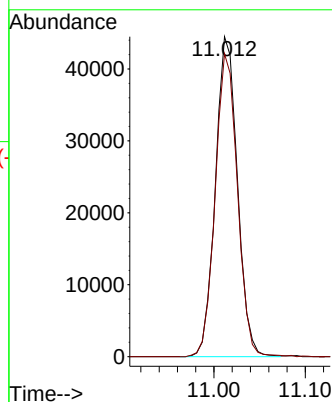
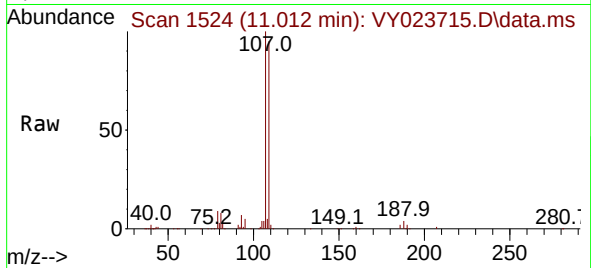




#61
1,2-Dibromoethane
Concen: 20.501 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

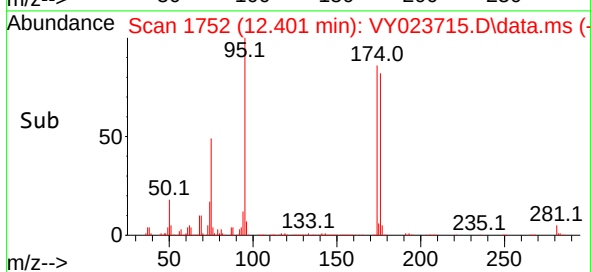
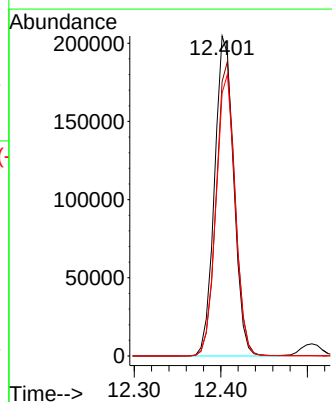
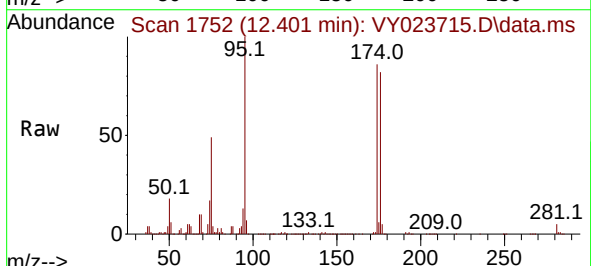
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

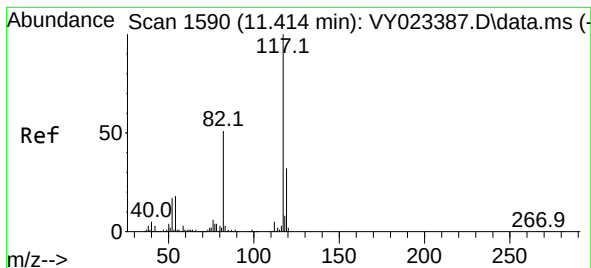
Tgt Ion:107 Resp: 74488
Ion Ratio Lower Upper
107 100
109 95.8 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 52.783 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 95 Resp: 313981
Ion Ratio Lower Upper
95 100
174 90.8 0.0 192.8
176 88.1 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

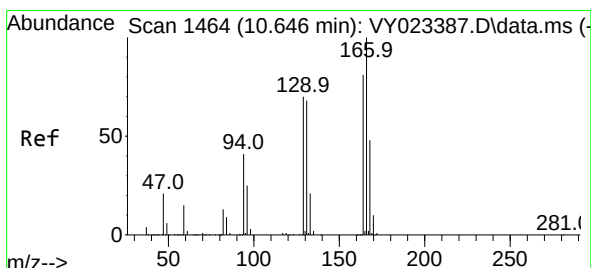
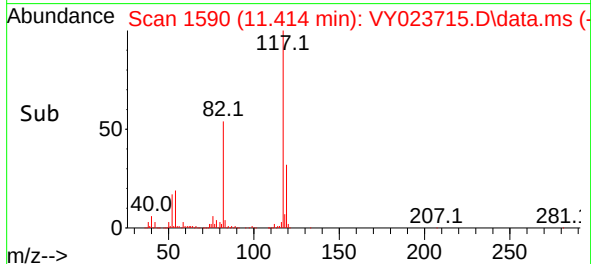
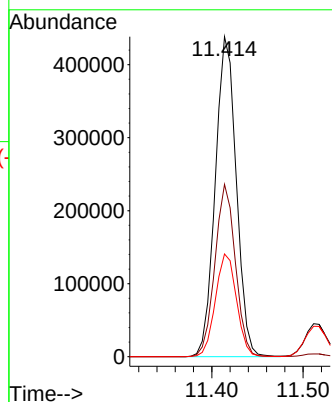
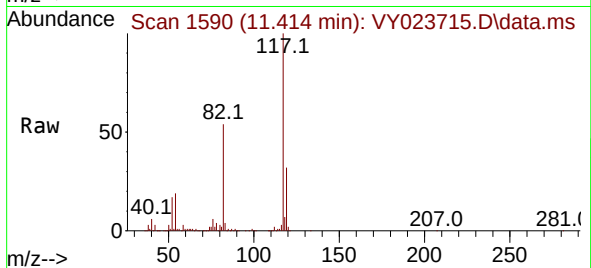
Tgt Ion:117 Resp: 701210

Ion Ratio Lower Upper

117 100

82 53.8 41.0 61.4

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 21.099 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

Tgt Ion:164 Resp: 152766

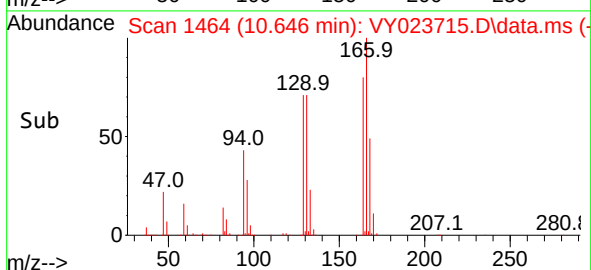
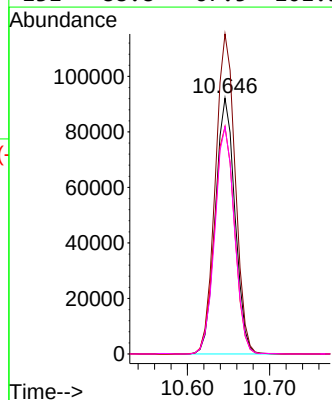
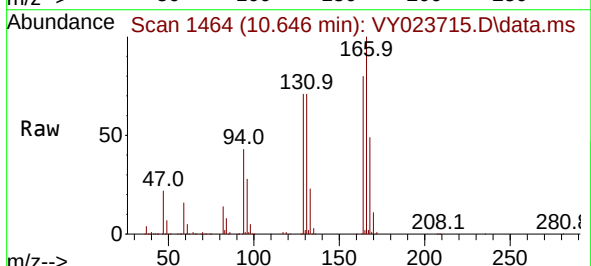
Ion Ratio Lower Upper

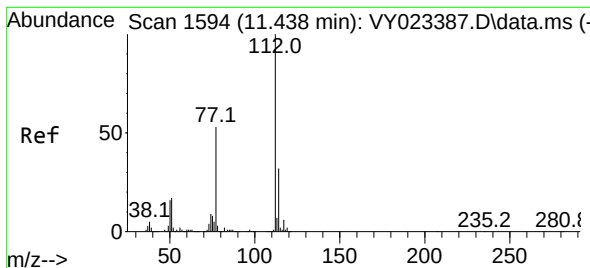
164 100

166 125.1 99.4 149.0

129 88.9 69.4 104.2

131 88.8 67.5 101.3





#65

Chlorobenzene

Concen: 20.613 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.000 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

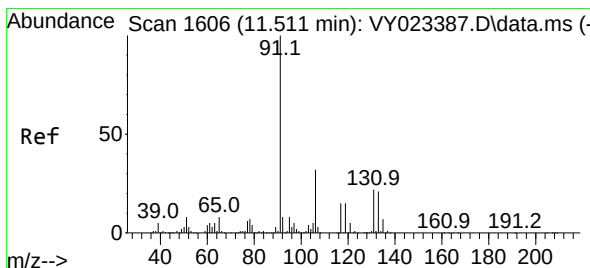
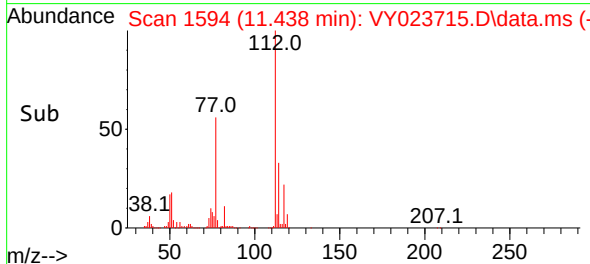
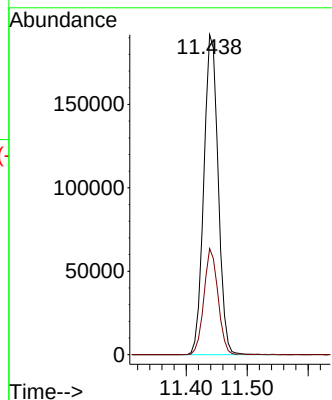
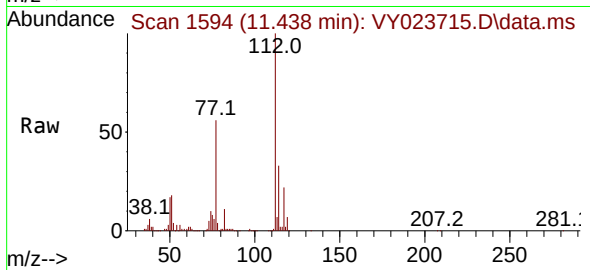
VY1110SBSD01

Tgt Ion:112 Resp: 314368

Ion Ratio Lower Upper

112 100

114 33.2 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.407 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.000 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

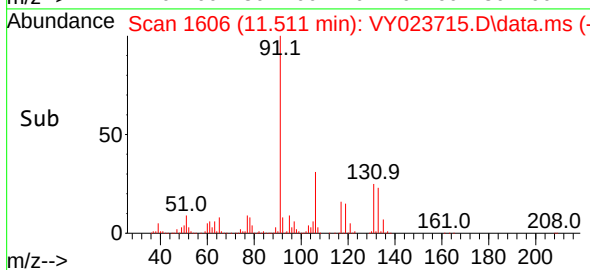
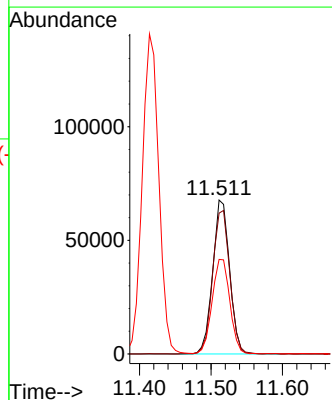
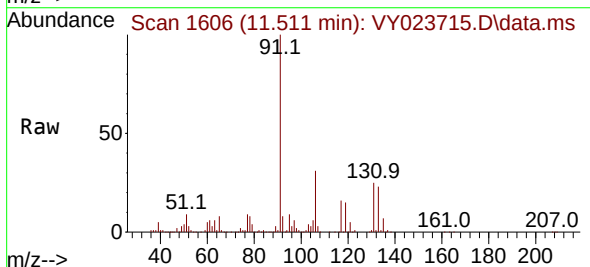
Tgt Ion:131 Resp: 110906

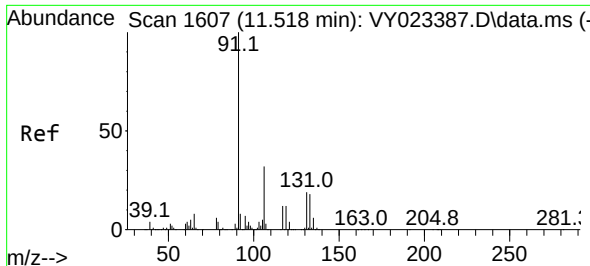
Ion Ratio Lower Upper

131 100

133 95.2 48.4 145.2

119 64.3 32.4 97.2

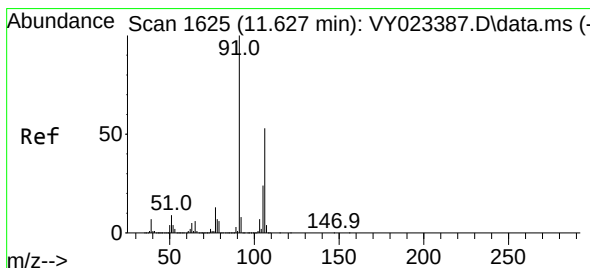
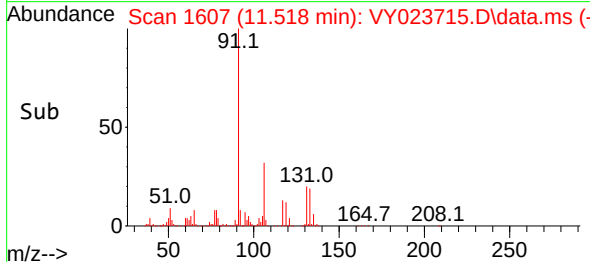
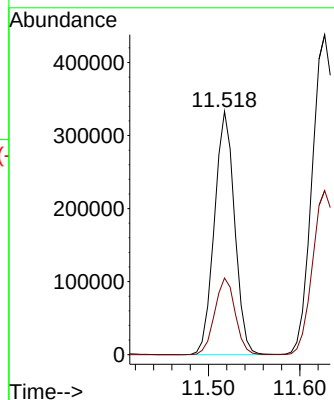
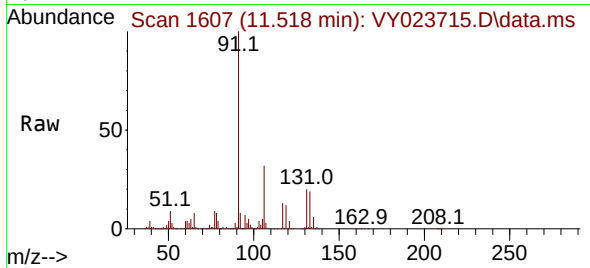




#67
Ethyl Benzene
Concen: 20.725 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

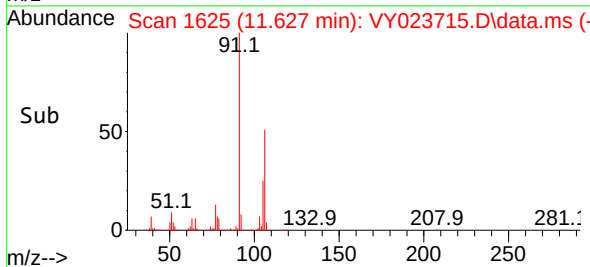
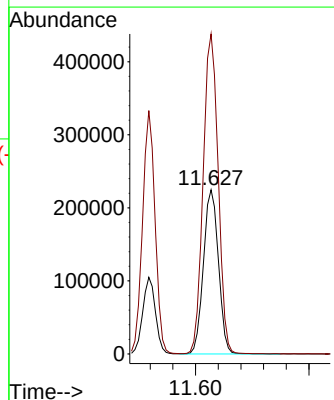
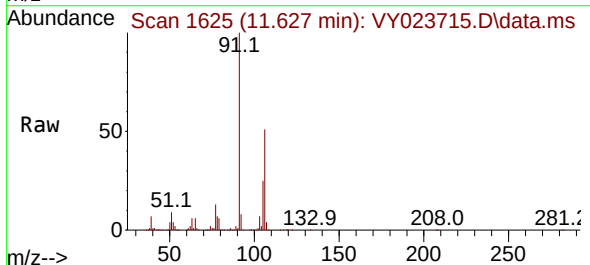
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

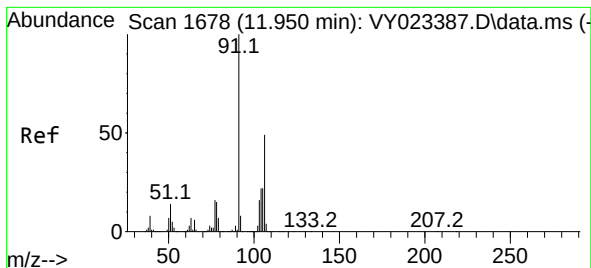
Tgt Ion: 91 Resp: 511626
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.8



#68
m/p-Xylenes
Concen: 41.637 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion:106 Resp: 412281
Ion Ratio Lower Upper
106 100
91 195.1 152.6 229.0





#69

o-Xylene

Concen: 20.096 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

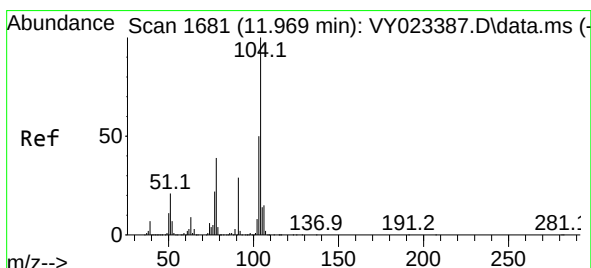
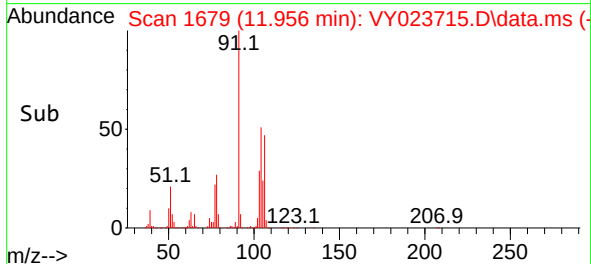
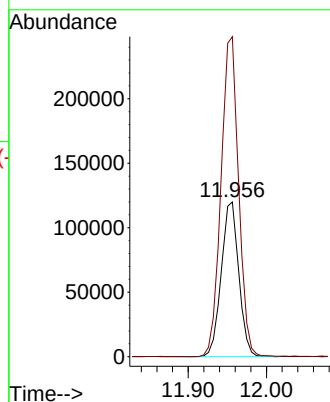
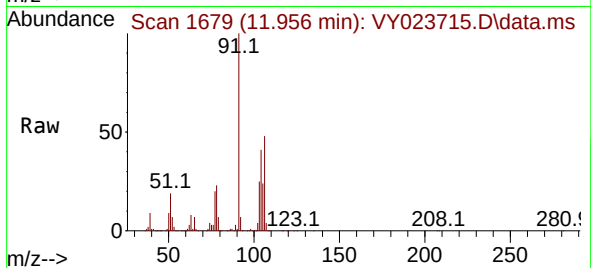
VY1110SBSD01

Tgt Ion:106 Resp: 186647

Ion Ratio Lower Upper

106 100

91 207.8 101.4 304.1



#70

Styrene

Concen: 20.450 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

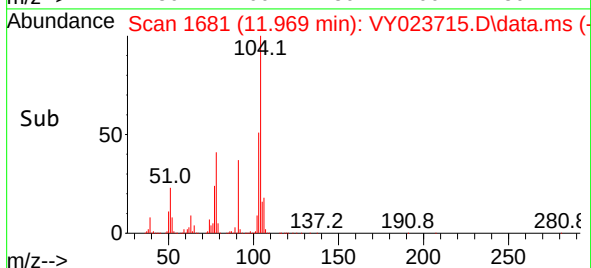
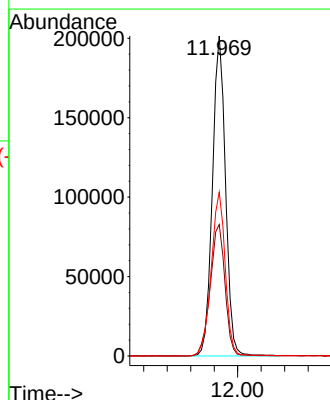
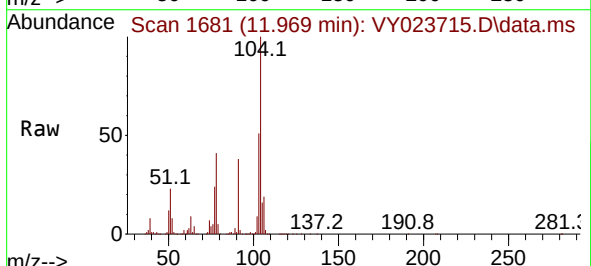
Tgt Ion:104 Resp: 312333

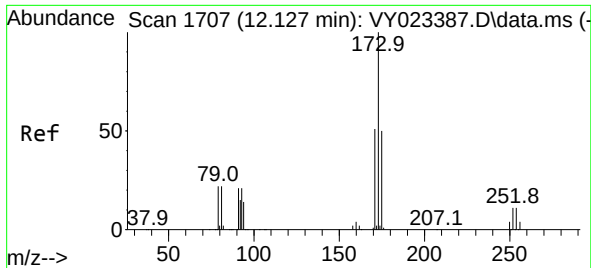
Ion Ratio Lower Upper

104 100

78 46.3 36.1 54.1

103 55.0 43.2 64.8

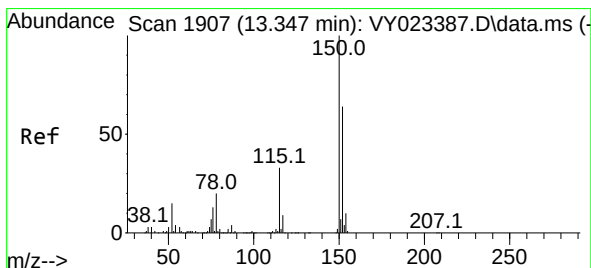
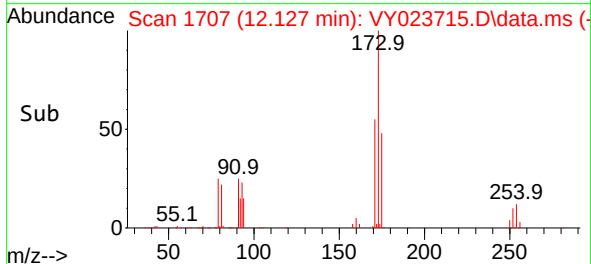
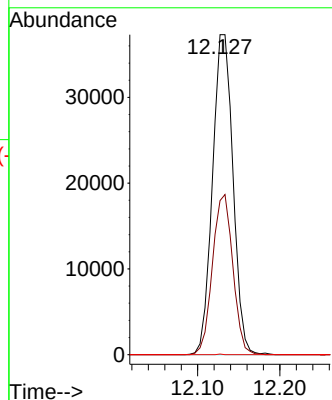
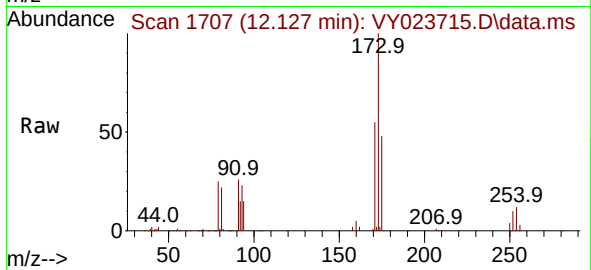




#71
Bromoform
Concen: 19.176 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

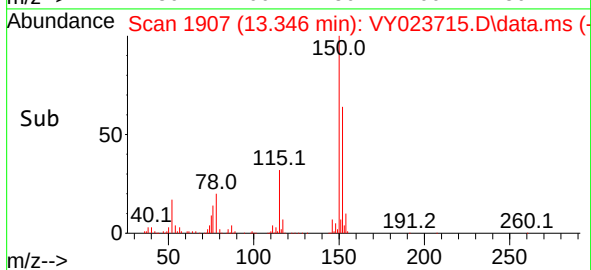
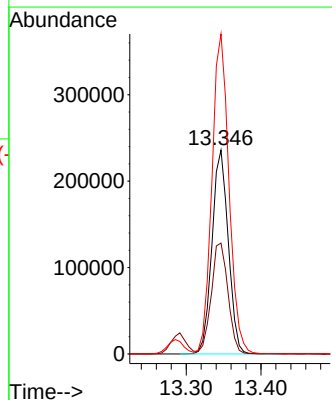
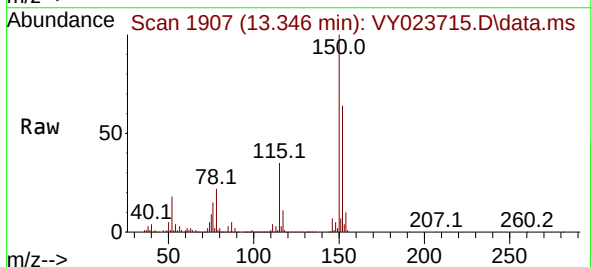
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

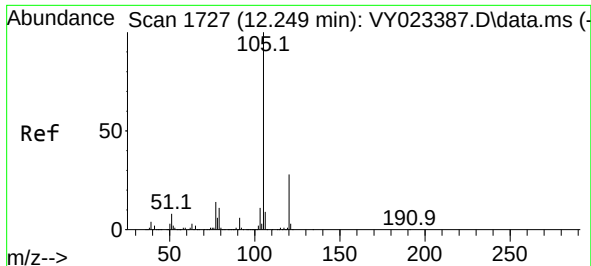
Tgt Ion:173 Resp: 64645
Ion Ratio Lower Upper
173 100
175 49.7 24.8 74.3
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion:152 Resp: 356981
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.2
150 164.2 0.0 347.4

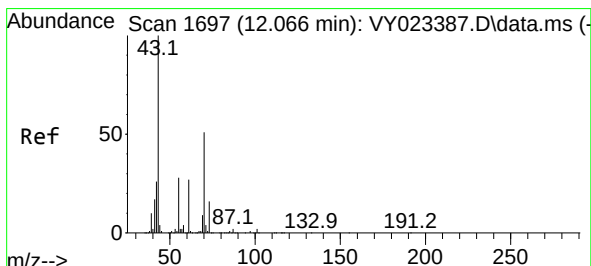
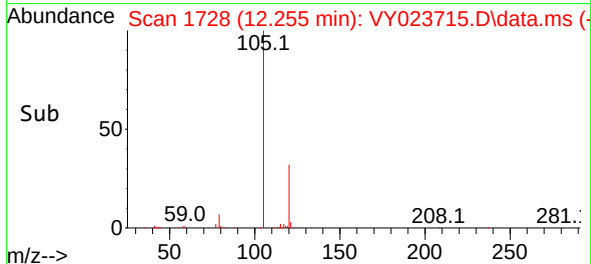
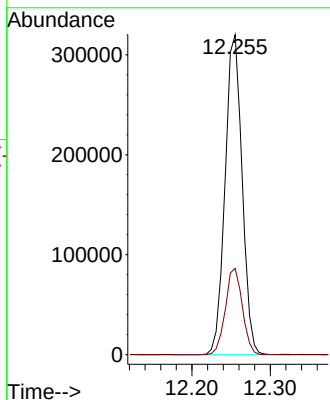
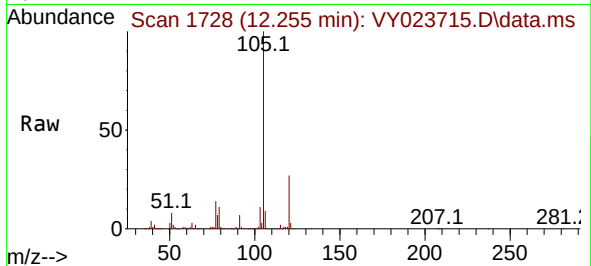




#73
Isopropylbenzene
Concen: 20.565 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

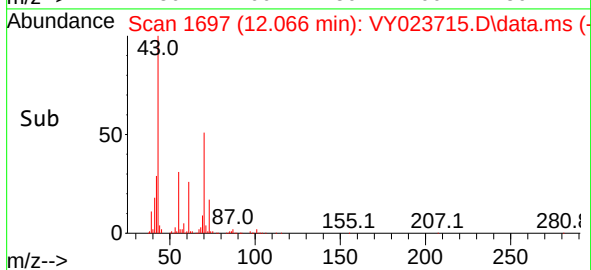
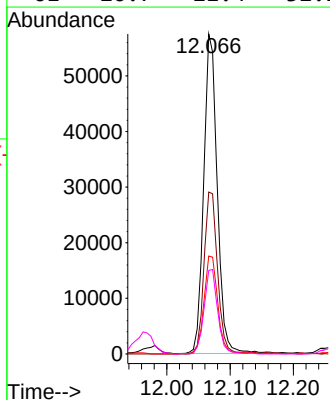
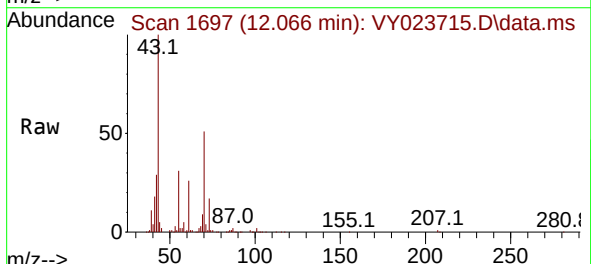
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

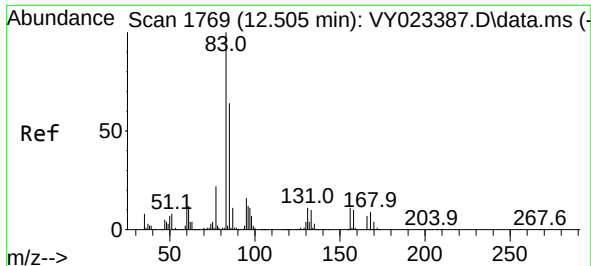
Tgt Ion:105 Resp: 483802
Ion Ratio Lower Upper
105 100
120 26.9 13.9 41.7



#74
N-ethyl acetate
Concen: 20.301 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 43 Resp: 85783
Ion Ratio Lower Upper
43 100
70 50.3 41.1 61.7
55 31.4 23.0 34.6
61 26.7 21.4 32.2

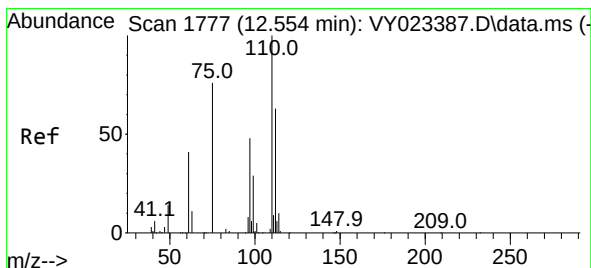
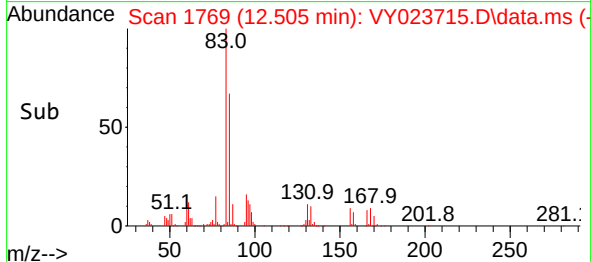
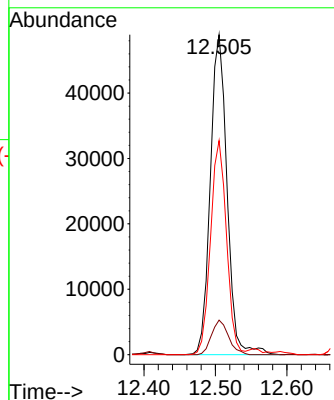
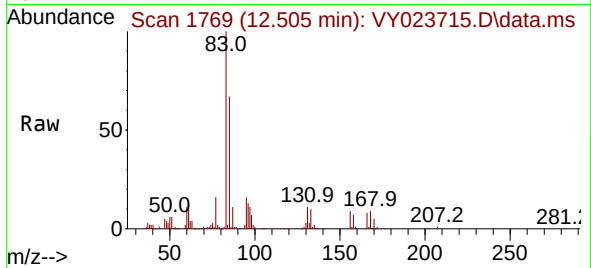




#75
1,1,2,2-Tetrachloroethane
Concen: 20.647 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

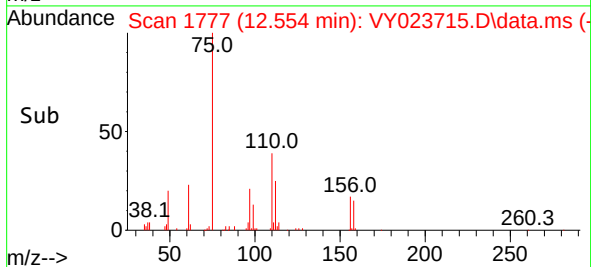
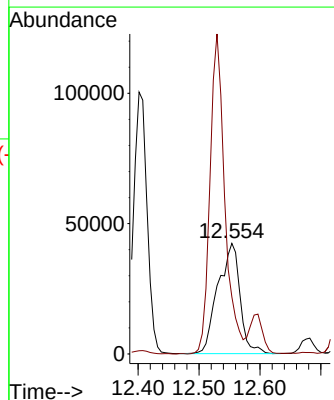
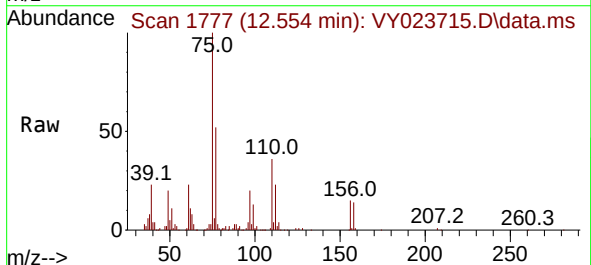
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

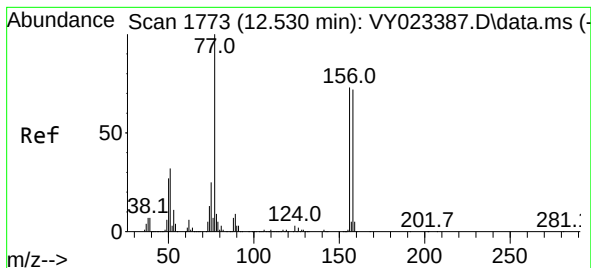
Tgt Ion: 83 Resp: 79446
Ion Ratio Lower Upper
83 100
131 11.0 5.9 17.6
85 63.8 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 33.911 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 75 Resp: 106805
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.149 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBSD01

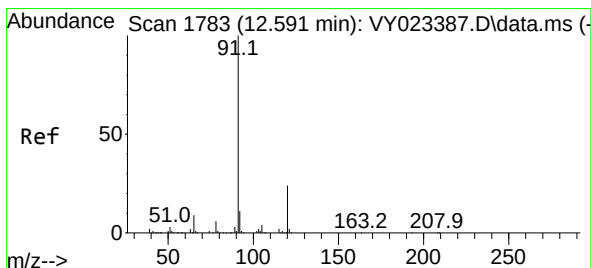
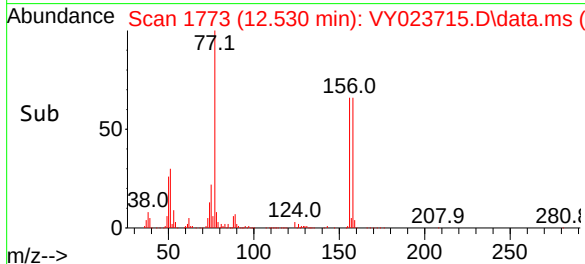
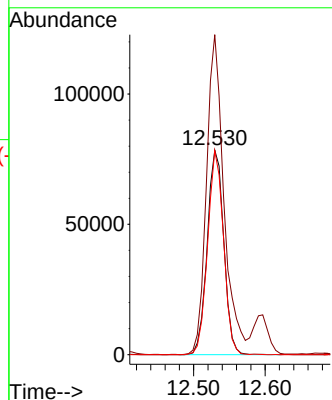
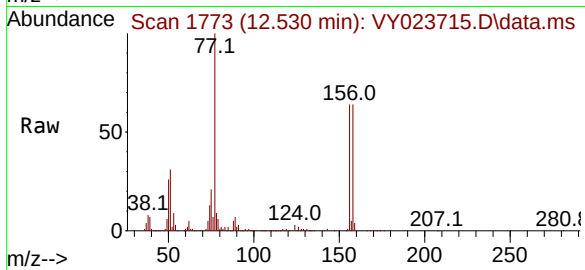
Tgt Ion:156 Resp: 126017

Ion Ratio Lower Upper

156 100

77 165.0 76.8 230.5

158 95.9 49.0 147.2



#78

n-propylbenzene

Concen: 21.569 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY023715.D

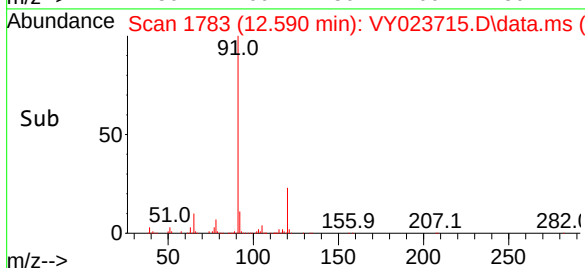
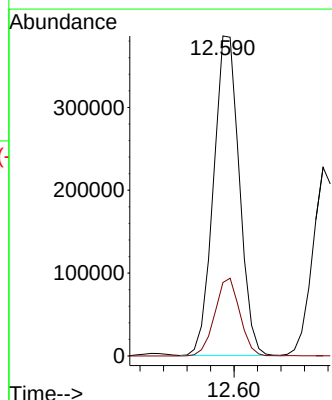
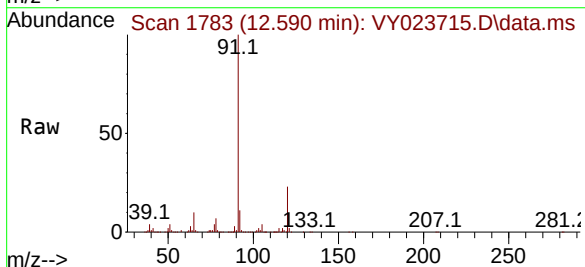
Acq: 10 Nov 2025 15:11

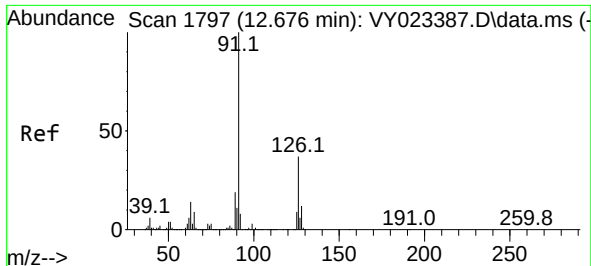
Tgt Ion: 91 Resp: 587185

Ion Ratio Lower Upper

91 100

120 23.6 12.3 36.8

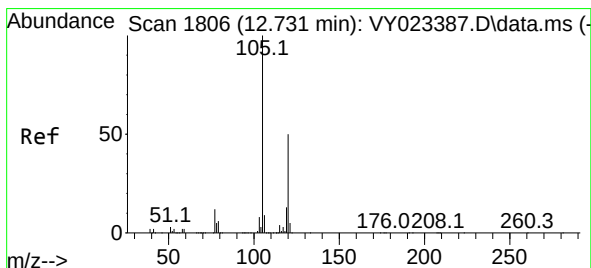
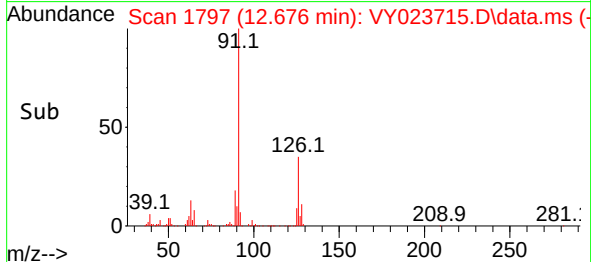
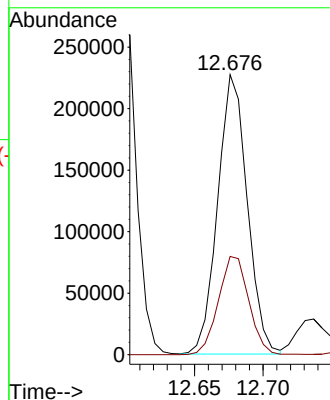
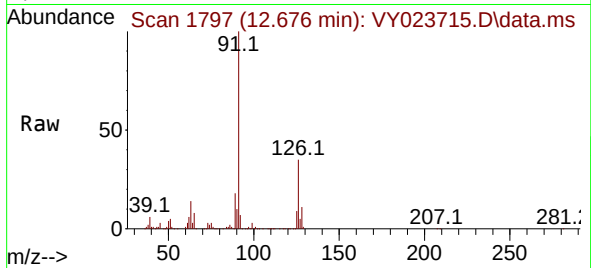




#79
2-Chlorotoluene
Concen: 21.421 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

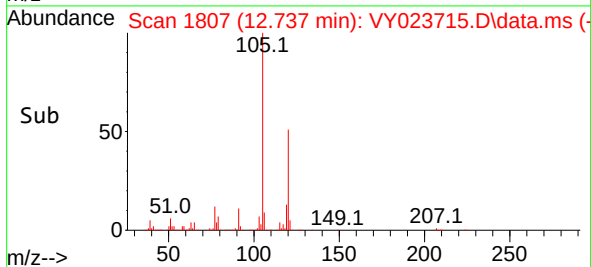
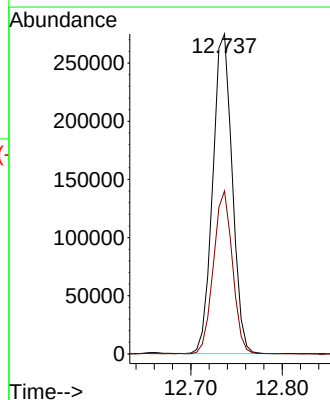
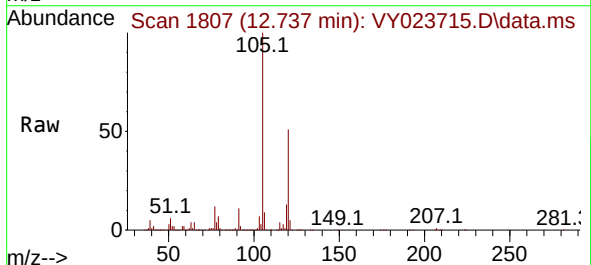
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

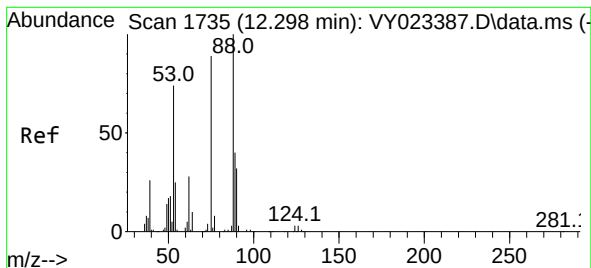
Tgt Ion: 91 Resp: 341501
Ion Ratio Lower Upper
91 100
126 36.1 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 21.337 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 105 Resp: 405632
Ion Ratio Lower Upper
105 100
120 50.1 25.4 76.4

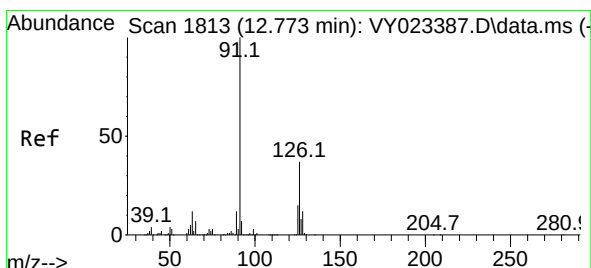
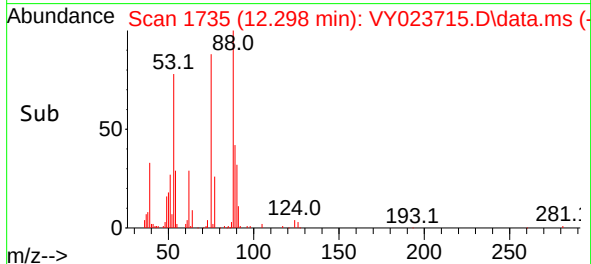
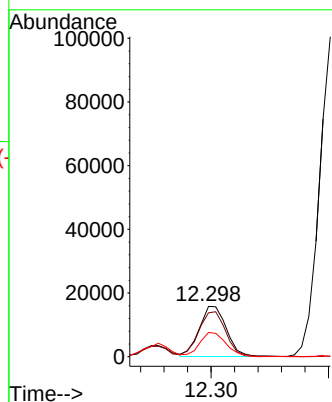
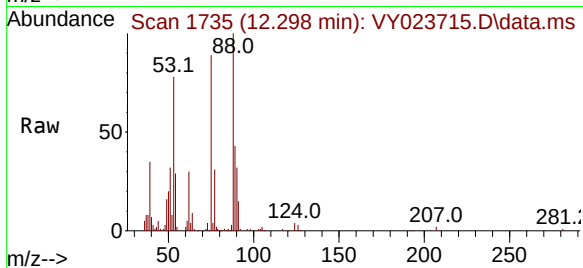




#81
trans-1,4-Dichloro-2-butene
Concen: 19.597 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

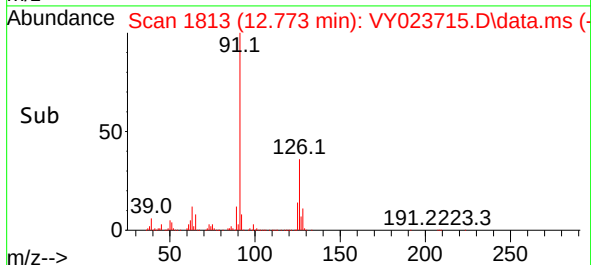
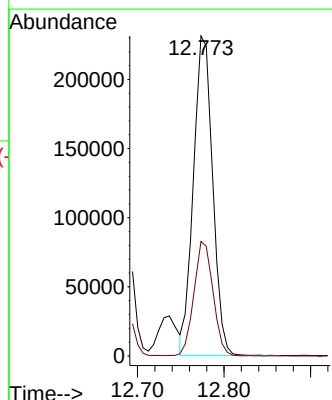
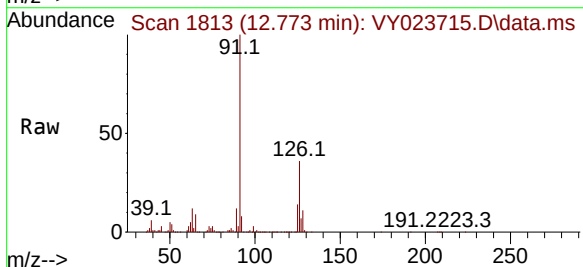
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

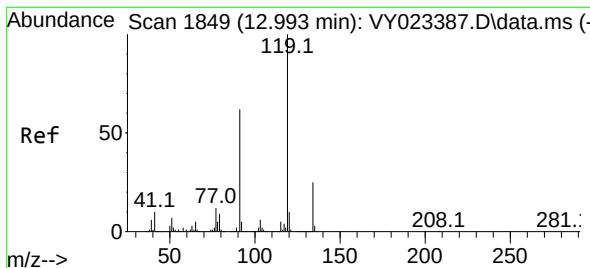
Tgt Ion: 75 Resp: 25170
Ion Ratio Lower Upper
75 100
53 91.0 68.6 102.8
89 46.9 39.0 58.4



#82
4-Chlorotoluene
Concen: 21.739 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 91 Resp: 356931
Ion Ratio Lower Upper
91 100
126 35.7 18.4 55.4





#83

tert-Butylbenzene

Concen: 20.399 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

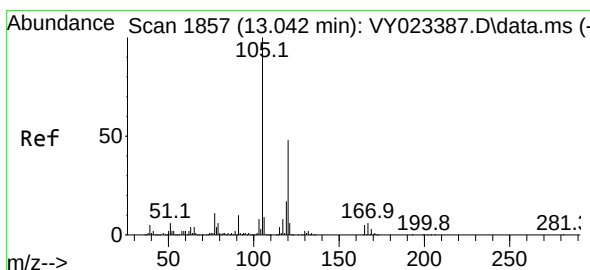
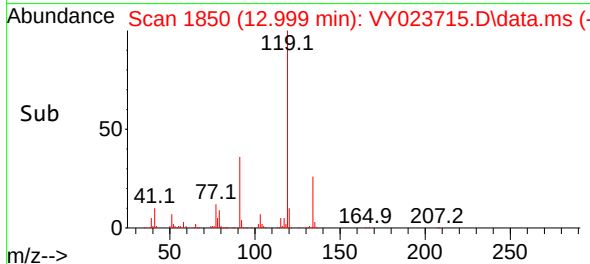
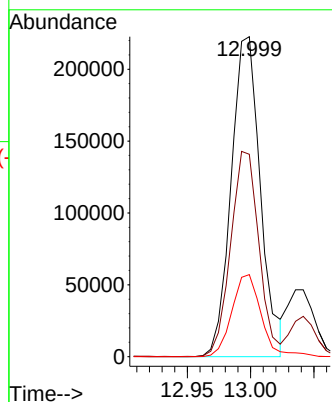
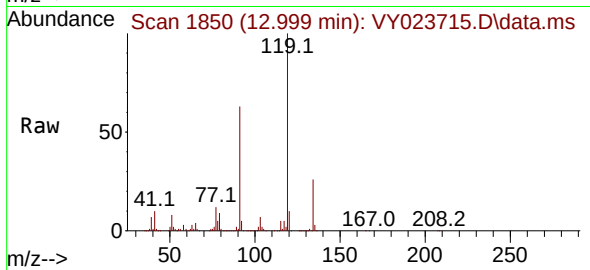
Tgt Ion:119 Resp: 358046

Ion Ratio Lower Upper

119 100

91 62.1 29.9 89.8

134 25.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 21.320 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023715.D

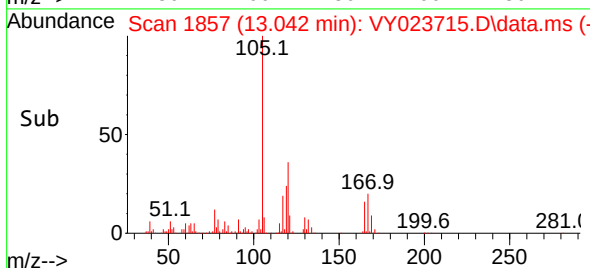
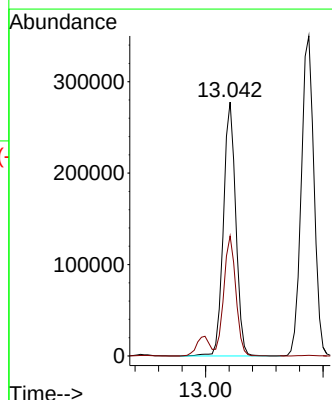
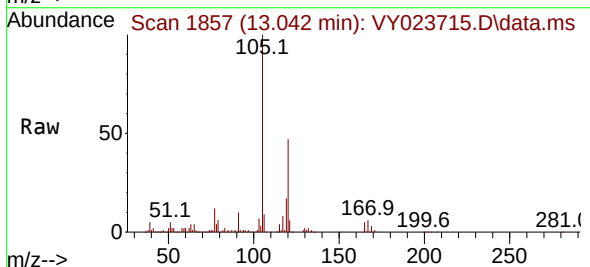
Acq: 10 Nov 2025 15:11

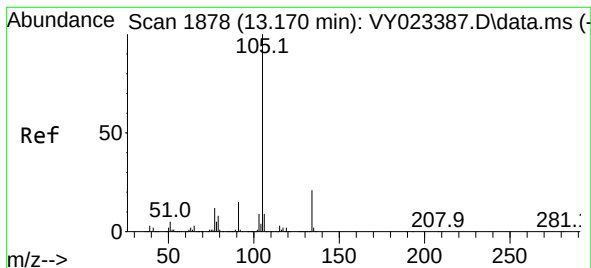
Tgt Ion:105 Resp: 404487

Ion Ratio Lower Upper

105 100

120 46.4 23.8 71.2





#85

sec-Butylbenzene

Concen: 20.756 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

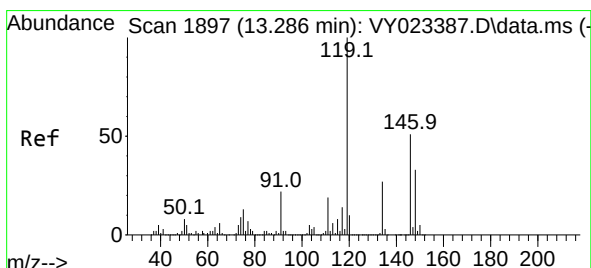
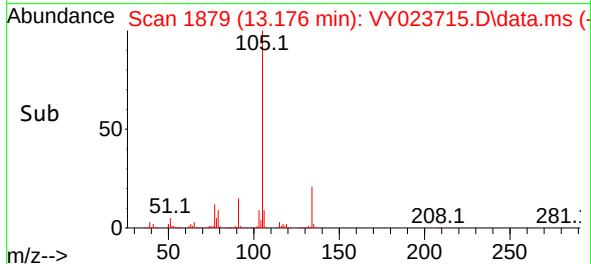
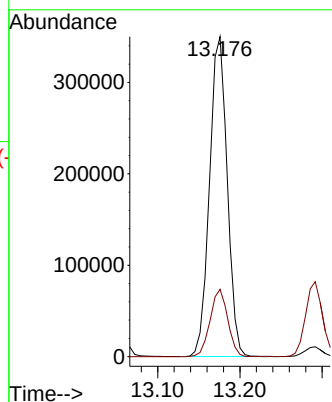
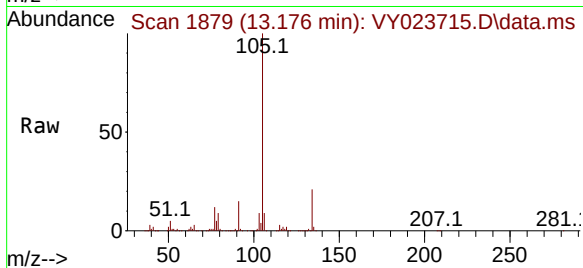
VY1110SBSD01

Tgt Ion:105 Resp: 522612

Ion Ratio Lower Upper

105 100

134 21.0 10.7 32.1



#86

p-Isopropyltoluene

Concen: 20.589 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

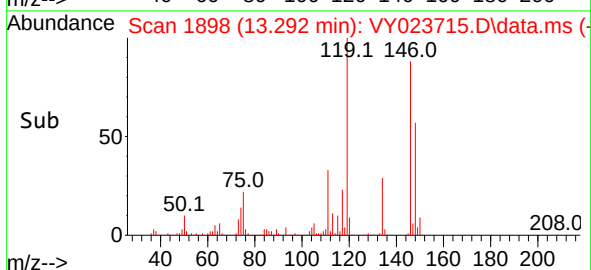
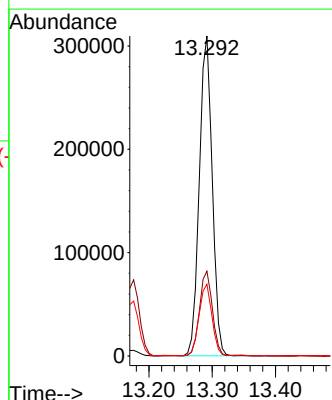
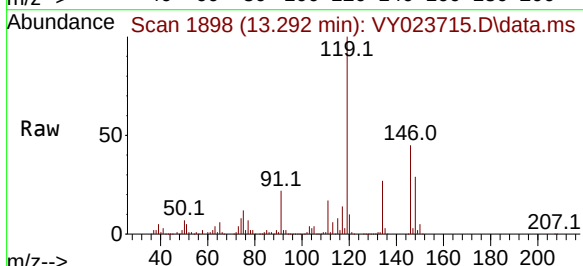
Tgt Ion:119 Resp: 441378

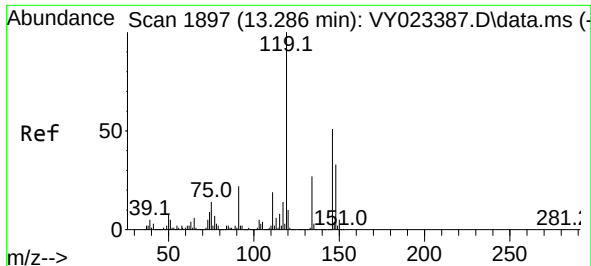
Ion Ratio Lower Upper

119 100

134 26.4 13.6 40.7

91 22.2 10.9 32.9

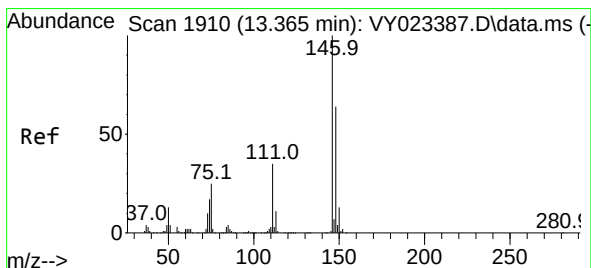
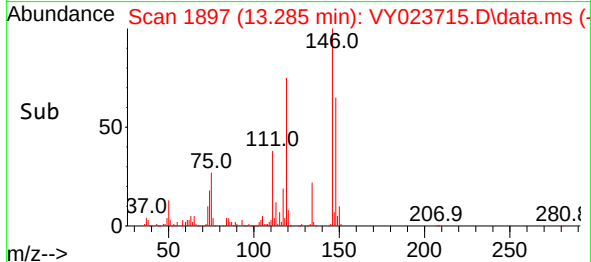
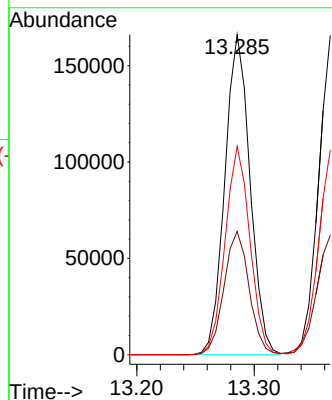
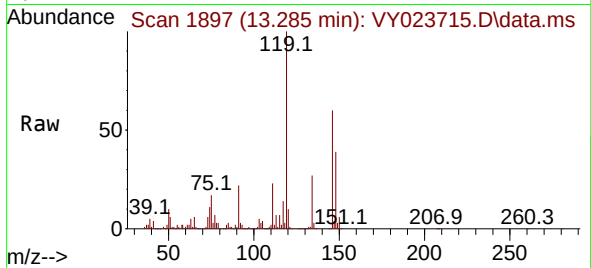




#87
1,3-Dichlorobenzene
Concen: 20.343 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

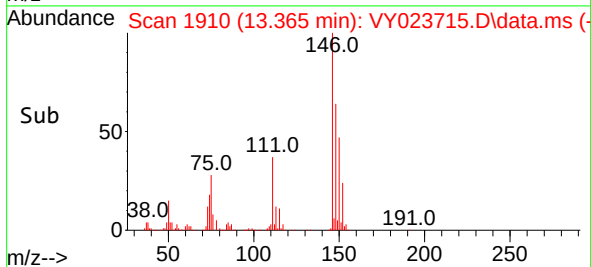
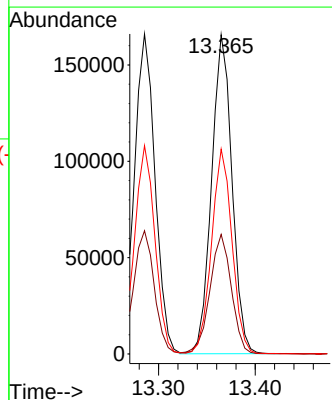
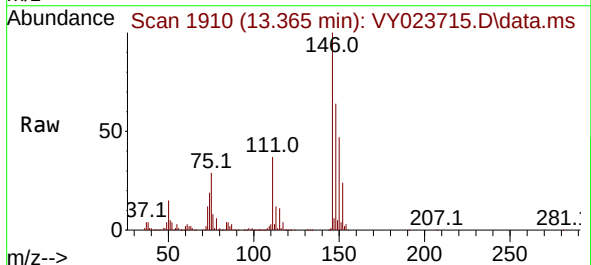
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

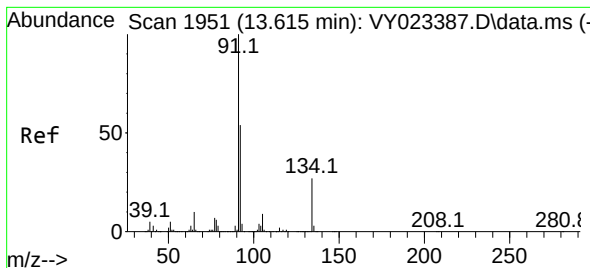
Tgt Ion:146 Resp: 247763
Ion Ratio Lower Upper
146 100
111 38.4 18.7 56.1
148 64.1 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 20.173 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion:146 Resp: 242647
Ion Ratio Lower Upper
146 100
111 39.3 18.0 54.0
148 64.5 31.9 95.7





#89

n-Butylbenzene

Concen: 20.279 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBSD01

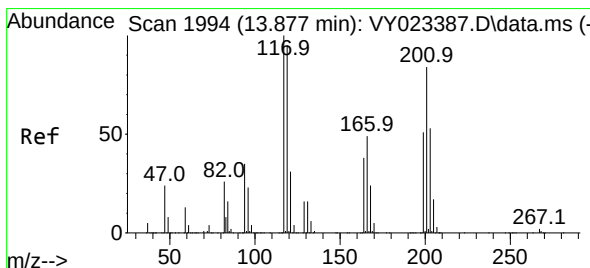
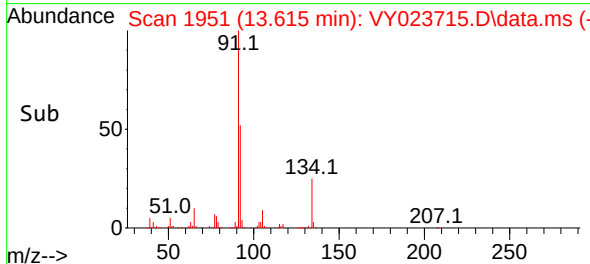
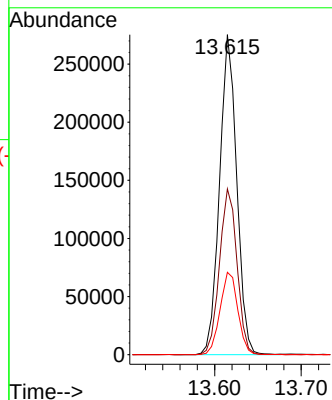
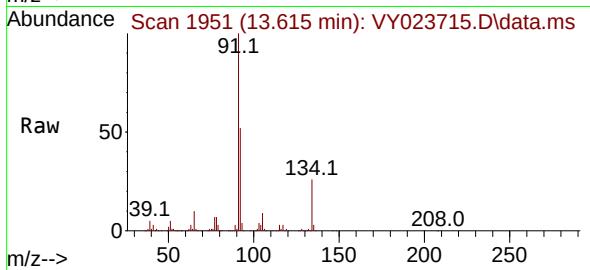
Tgt Ion: 91 Resp: 378800

Ion Ratio Lower Upper

91 100

92 53.0 27.0 80.8

134 26.7 14.1 42.2



#90

Hexachloroethane

Concen: 21.010 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY023715.D

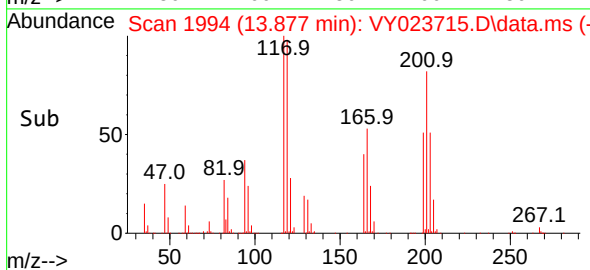
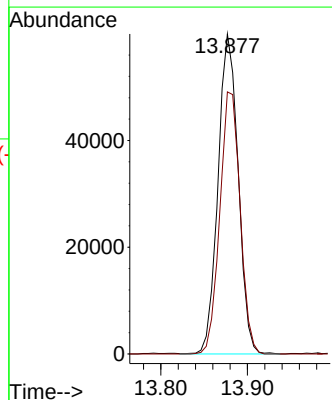
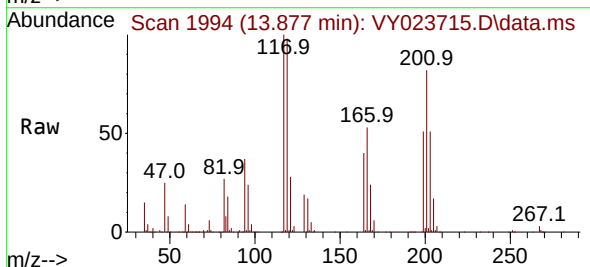
Acq: 10 Nov 2025 15:11

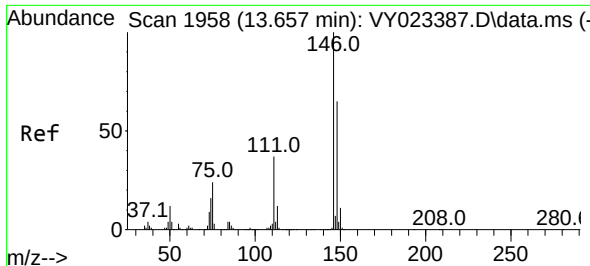
Tgt Ion: 117 Resp: 96872

Ion Ratio Lower Upper

117 100

201 82.4 43.8 131.4

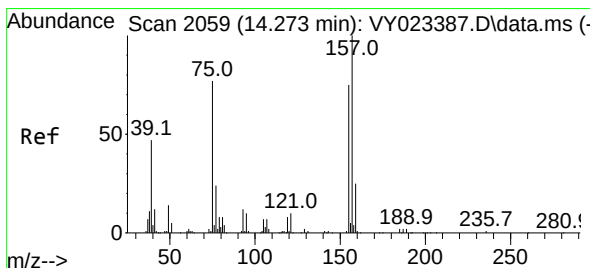
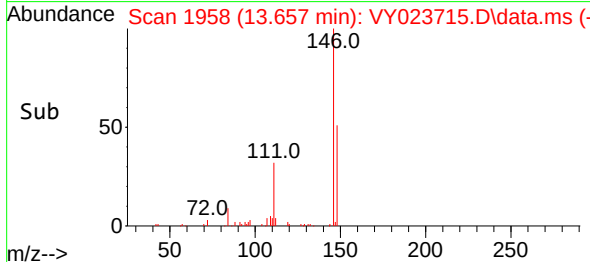
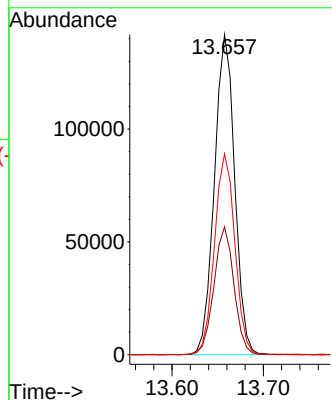
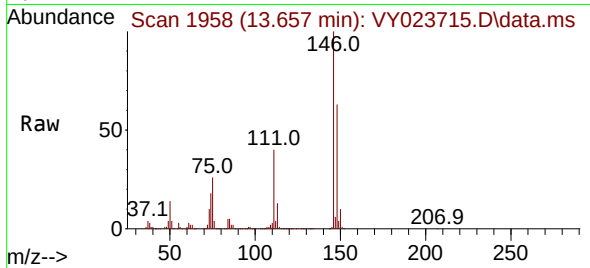




#91
1,2-Dichlorobenzene
Concen: 20.525 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

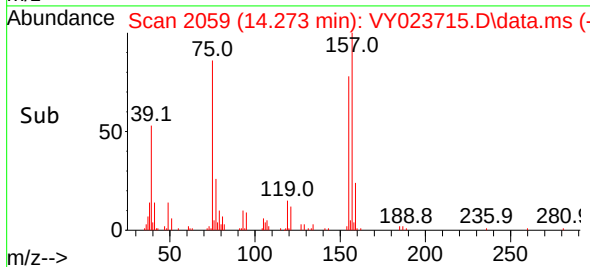
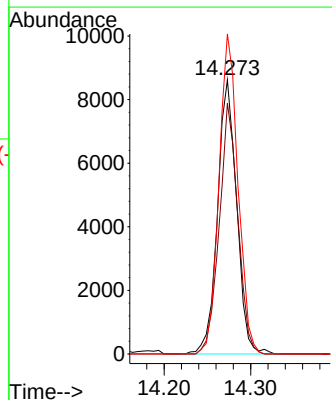
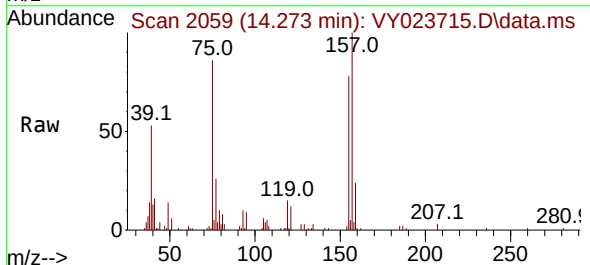
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

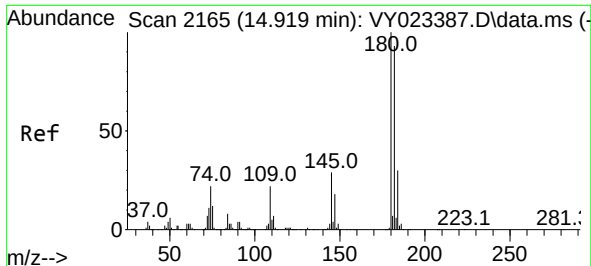
Tgt Ion:146 Resp: 219157
Ion Ratio Lower Upper
146 100
111 39.4 19.0 57.0
148 63.1 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.875 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023715.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 75 Resp: 13179
Ion Ratio Lower Upper
75 100
155 89.1 50.0 150.0
157 116.3 63.8 191.5

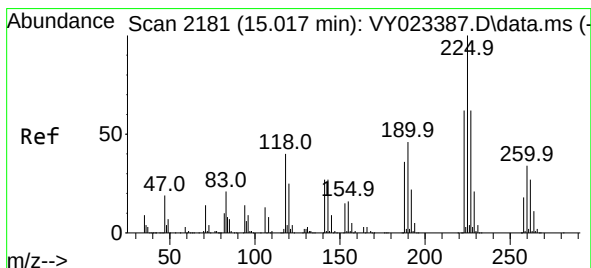
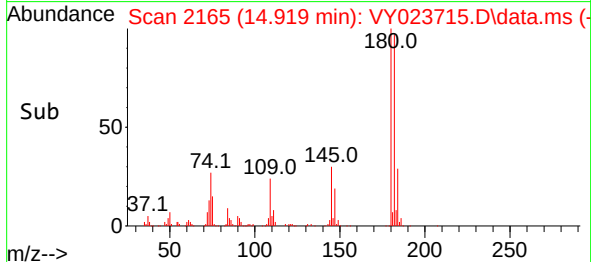
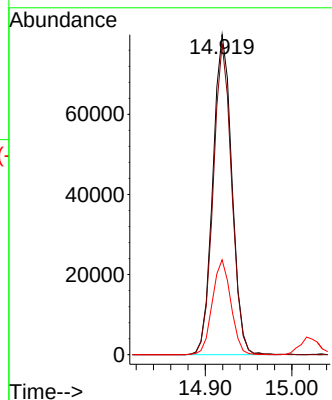
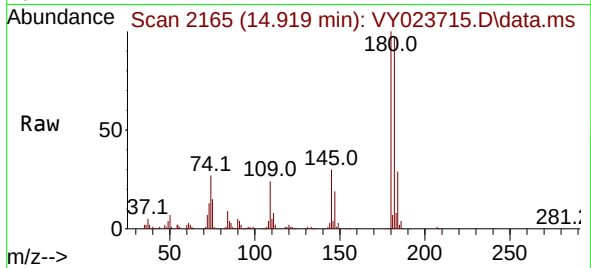




#93
 1,2,4-Trichlorobenzene
 Concen: 18.315 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY023715.D
 Acq: 10 Nov 2025 15:11

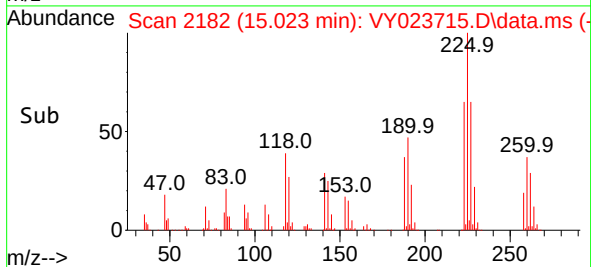
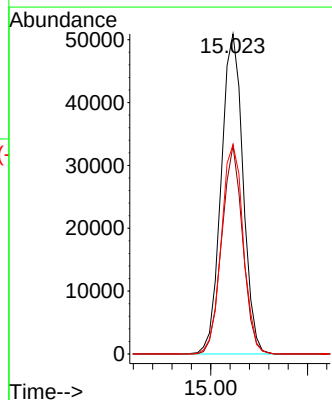
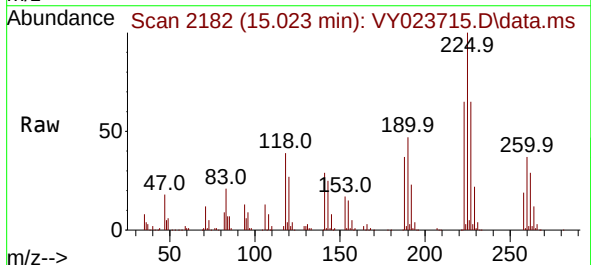
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBSD01

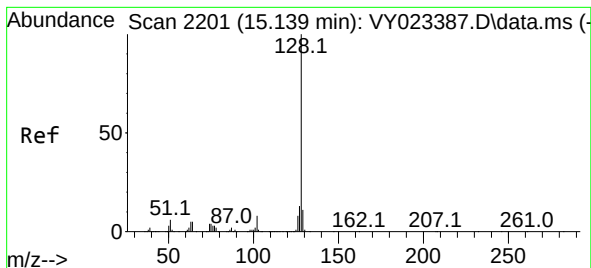
Tgt Ion:180 Resp: 121916
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.9 143.6
 145 28.8 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 19.157 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.006 min
 Lab File: VY023715.D
 Acq: 10 Nov 2025 15:11

Tgt Ion:225 Resp: 79494
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.8 92.3
 227 65.7 31.9 95.7





#95

Naphthalene

Concen: 17.004 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

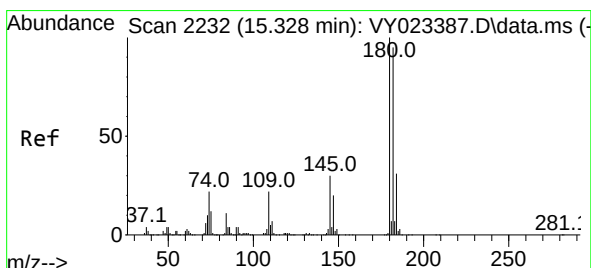
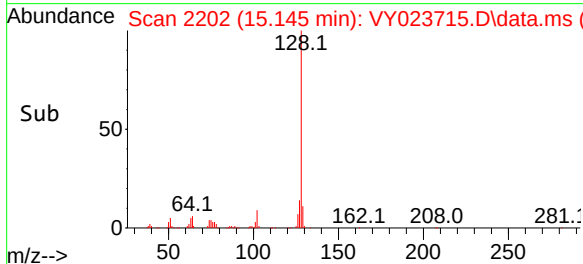
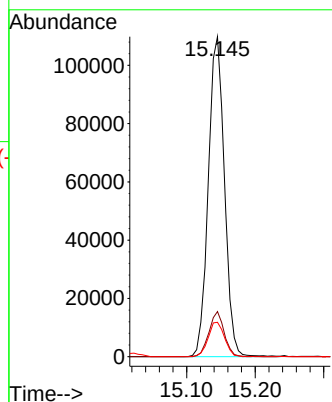
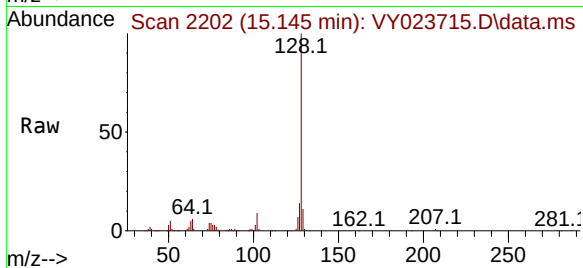
Tgt Ion:128 Resp: 180242

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.424 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023715.D

Acq: 10 Nov 2025 15:11

Tgt Ion:180 Resp: 106230

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.8

145 31.0 15.3 45.9

