

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
 Data File : VY022744.D
 Acq On : 19 Jun 2025 10:26
 Operator : SY/MD
 Sample : VY0619SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Quant Time: Jun 20 02:54:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	142585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	243559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	203825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	92139	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	81729	51.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.500%	
35) Dibromofluoromethane	7.634	113	77017	52.978	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.960%	
50) Toluene-d8	10.109	98	301805	51.379	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.760%	
62) 4-Bromofluorobenzene	12.408	95	83870	47.921	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	26125	20.465	ug/l	100
3) Chloromethane	2.068	50	63040	16.716	ug/l	100
4) Vinyl Chloride	2.208	62	86717	19.821	ug/l	97
5) Bromomethane	2.592	94	84774	20.217	ug/l	99
6) Chloroethane	2.733	64	63781	21.240	ug/l	93
7) Trichlorofluoromethane	3.050	101	80267	21.612	ug/l	98
8) Diethyl Ether	3.458	74	17536	20.966	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	33924	21.687	ug/l	98
10) Methyl Iodide	4.007	142	32362	19.117	ug/l	98
11) Tert butyl alcohol	4.866	59	10545	92.580	ug/l	96
12) 1,1-Dichloroethene	3.787	96	31585	21.124	ug/l	96
13) Acrolein	3.653	56	7982	56.231	ug/l	97
14) Allyl chloride	4.379	41	47569	20.265	ug/l	99
15) Acrylonitrile	5.061	53	35424	100.001	ug/l	98
16) Acetone	3.879	43	44832	138.427	ug/l	98
17) Carbon Disulfide	4.104	76	94900	19.824	ug/l	100
18) Methyl Acetate	4.379	43	16705	17.418	ug/l	92
19) Methyl tert-butyl Ether	5.116	73	82167	19.510	ug/l	97
20) Methylene Chloride	4.616	84	37910	20.607	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	35265	21.073	ug/l	98
22) Diisopropyl ether	6.025	45	109315	20.922	ug/l	99
23) Vinyl Acetate	5.964	43	299235	96.762	ug/l	100
24) 1,1-Dichloroethane	5.921	63	67905	22.061	ug/l	100
25) 2-Butanone	6.896	43	54465	116.587	ug/l	100
26) 2,2-Dichloropropane	6.884	77	59073	21.721	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	41038	21.216	ug/l	95
28) Bromochloromethane	7.244	49	29171	21.741	ug/l	98
29) Tetrahydrofuran	7.262	42	26781	88.884	ug/l	97
30) Chloroform	7.421	83	68158	22.356	ug/l	93
31) Cyclohexane	7.707	56	59110	19.289	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	59403	21.949	ug/l	99
36) 1,1-Dichloropropene	7.835	75	50191	21.272	ug/l	98
37) Ethyl Acetate	6.988	43	20815	19.782	ug/l	97
38) Carbon Tetrachloride	7.823	117	50646	20.924	ug/l	98
39) Methylcyclohexane	9.109	83	61074	19.262	ug/l	98
40) Benzene	8.085	78	149138	21.401	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	9524	15.496	ug/l #	83
42) 1,2-Dichloroethane	8.158	62	39323	20.666	ug/l	99
43) Isopropyl Acetate	8.201	43	42050	18.504	ug/l	99
44) Trichloroethene	8.866	130	36919	21.676	ug/l	96
45) 1,2-Dichloropropane	9.140	63	36490	22.156	ug/l	94
46) Dibromomethane	9.231	93	19341	20.874	ug/l	98
47) Bromodichloromethane	9.427	83	51094	21.747	ug/l	99
48) Methyl methacrylate	9.219	41	17850	16.737	ug/l	94
49) 1,4-Dioxane	9.238	88	4378	398.833	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	103086	90.987	ug/l	98
52) Toluene	10.170	92	92504	21.122	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	42958	19.515	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	53391	20.836	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	25058	21.209	ug/l	94
56) Ethyl methacrylate	10.439	69	31765	18.602	ug/l	99
57) 1,3-Dichloropropane	10.719	76	43297	20.676	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	78333	101.035	ug/l	100
59) 2-Hexanone	10.762	43	74693	98.575	ug/l	97
60) Dibromochloromethane	10.914	129	31411	20.920	ug/l	94
61) 1,2-Dibromoethane	11.012	107	21829	20.271	ug/l	95
64) Tetrachloroethene	10.646	164	38972	22.227	ug/l	96
65) Chlorobenzene	11.444	112	94016	20.844	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	32282	21.246	ug/l	99
67) Ethyl Benzene	11.518	91	172504	20.620	ug/l	99
68) m/p-Xylenes	11.627	106	128433	40.497	ug/l	99
69) o-Xylene	11.957	106	60376	20.305	ug/l	98
70) Styrene	11.969	104	99066	20.156	ug/l	98
71) Bromoform	12.133	173	15438	19.093	ug/l #	98
73) Isopropylbenzene	12.255	105	156699	20.715	ug/l	98
74) N-amyl acetate	12.072	43	34200	17.918	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	25611	20.628	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	34205	32.449	ug/l #	100
77) Bromobenzene	12.536	156	33522	21.000	ug/l	99
78) n-propylbenzene	12.597	91	193141	20.904	ug/l	100
79) 2-Chlorotoluene	12.682	91	102546	20.941	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	124242	20.920	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	8380	19.198	ug/l	95
82) 4-Chlorotoluene	12.780	91	103617	20.512	ug/l	99
83) tert-Butylbenzene	12.999	119	110702	20.769	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	122046	20.547	ug/l	98
85) sec-Butylbenzene	13.176	105	170732	20.914	ug/l	99
86) p-Isopropyltoluene	13.292	119	135968	20.206	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	67629	20.910	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	66707	21.265	ug/l	99
89) n-Butylbenzene	13.615	91	131483	20.595	ug/l	100
90) Hexachloroethane	13.877	117	27782	21.207	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	56747	20.665	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3553	19.656	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	30569	20.411	ug/l	96
94) Hexachlorobutadiene	15.023	225	17103	20.691	ug/l	95
95) Naphthalene	15.145	128	51859	18.044	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	25018	19.492	ug/l	97

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QLast Update : Tue Jun 10 15:26:14 2025
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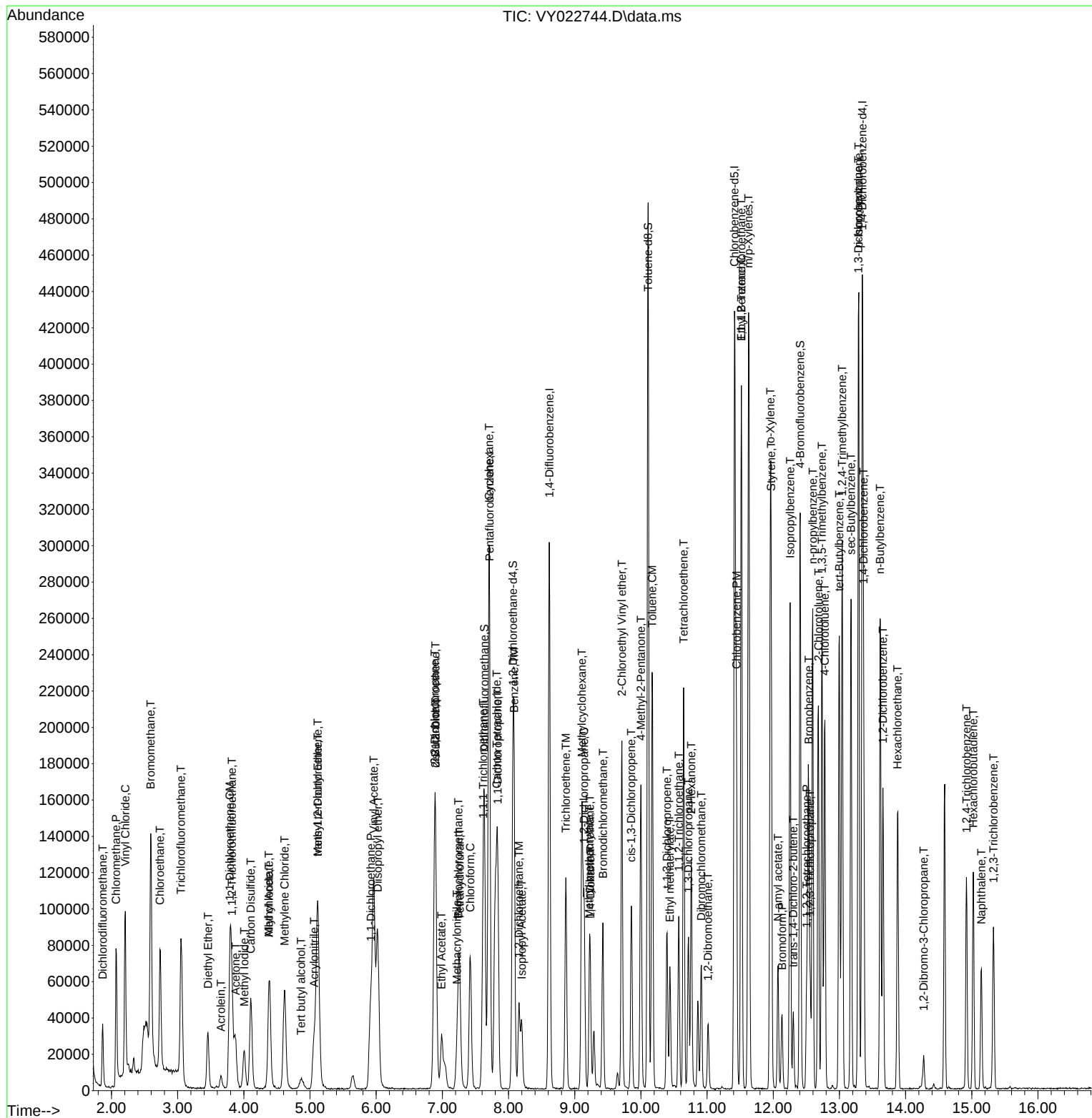
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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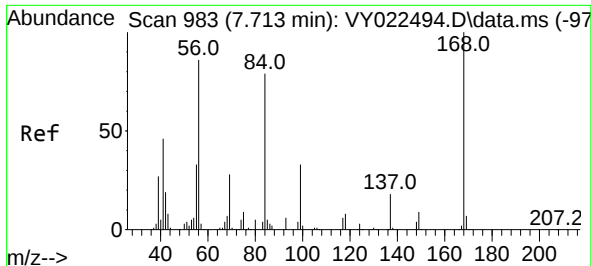
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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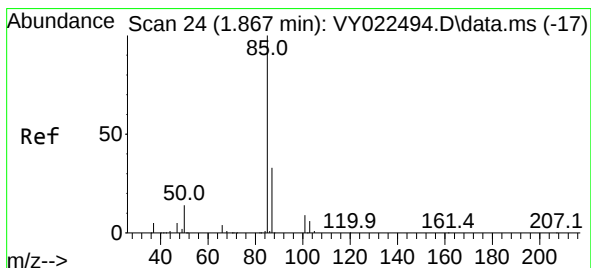
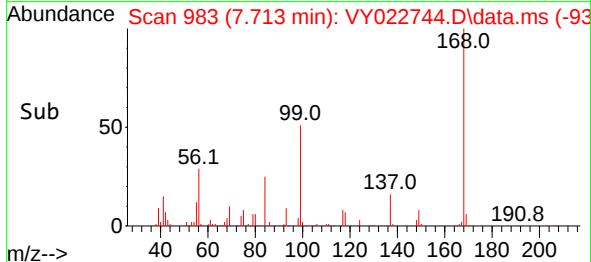
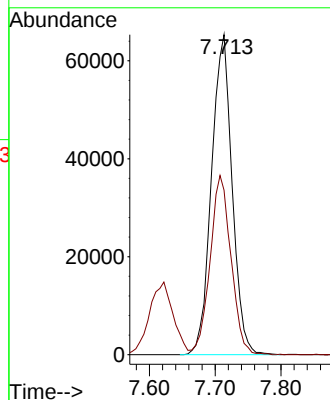
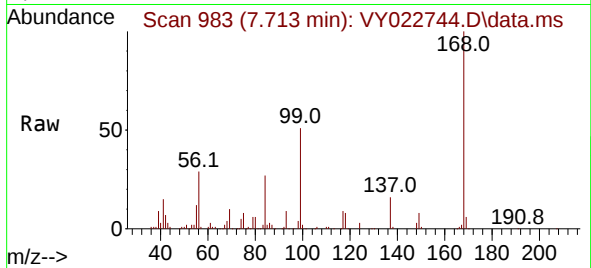




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022744.D
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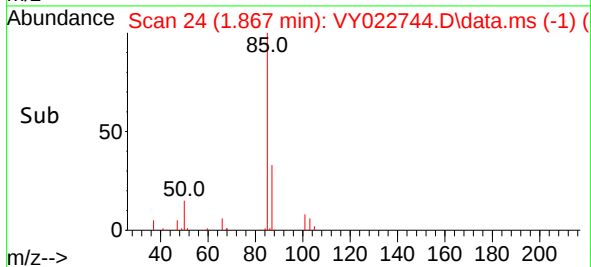
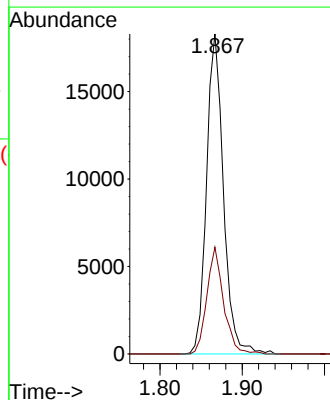
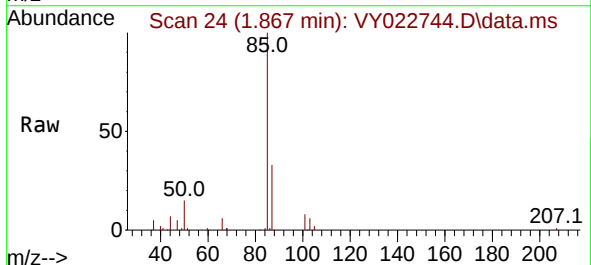
Instrument :
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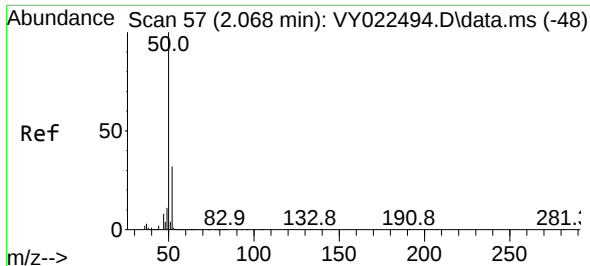
Tgt Ion:168 Resp: 142585
Ion Ratio Lower Upper
168 100
99 51.2 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 20.465 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion: 85 Resp: 26125
Ion Ratio Lower Upper
85 100
87 33.3 16.7 50.0

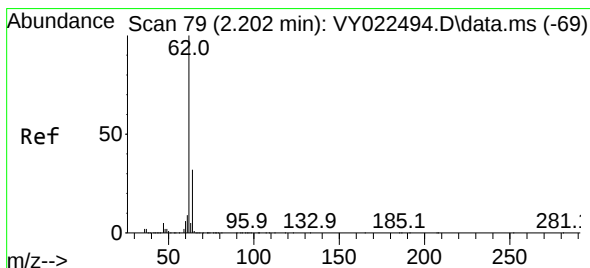
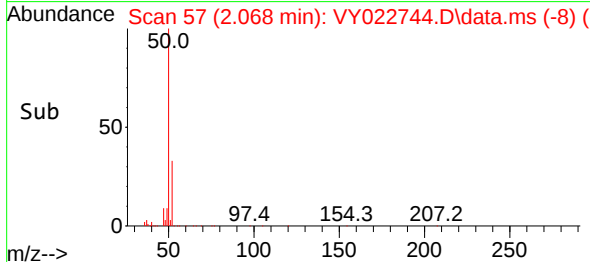
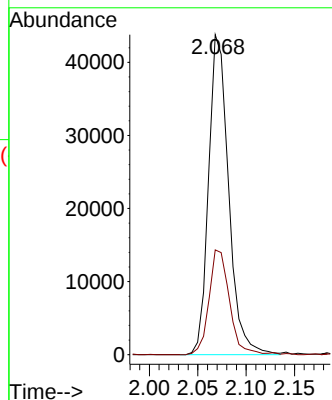
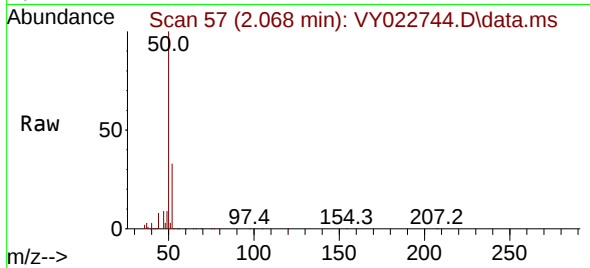




#3
Chloromethane
Concen: 16.716 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

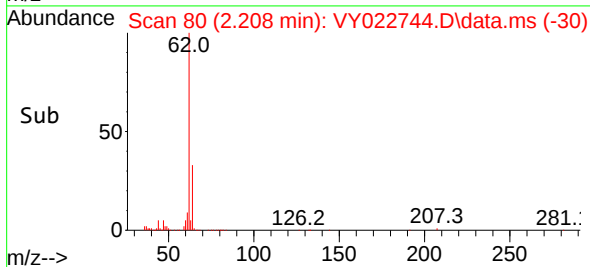
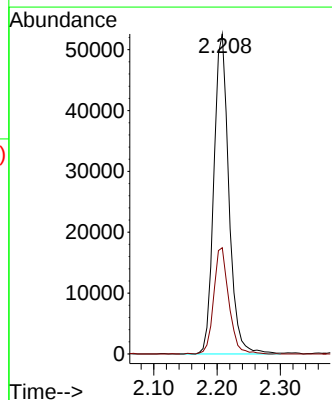
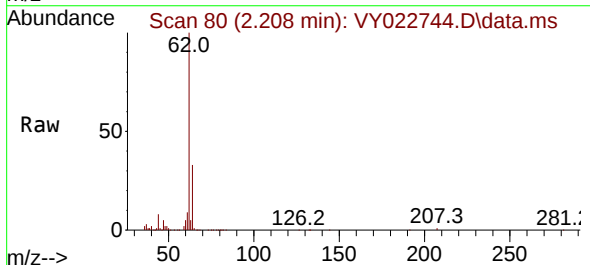
Instrument :
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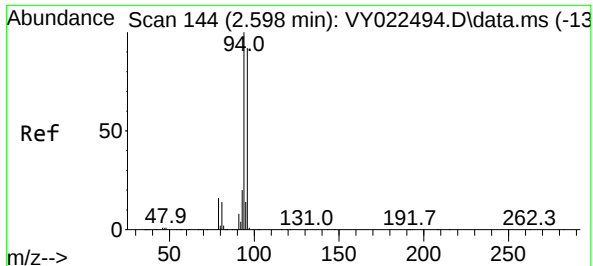
Tgt Ion: 50 Resp: 63040
Ion Ratio Lower Upper
50 100
52 32.7 26.0 39.0



#4
Vinyl Chloride
Concen: 19.821 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion: 62 Resp: 86717
Ion Ratio Lower Upper
62 100
64 33.2 25.3 37.9

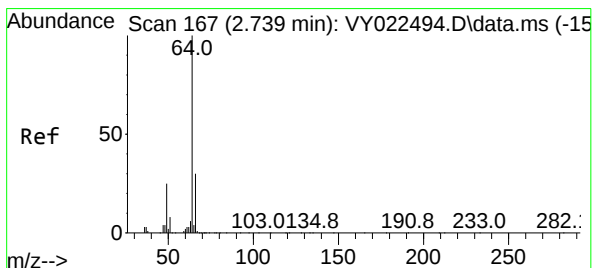
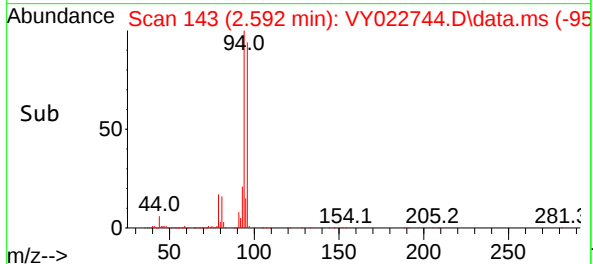
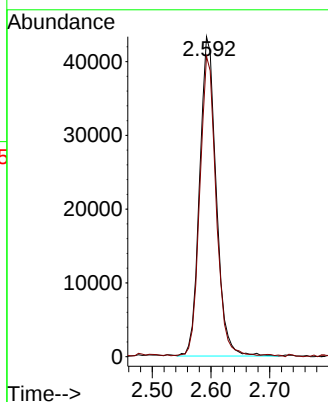
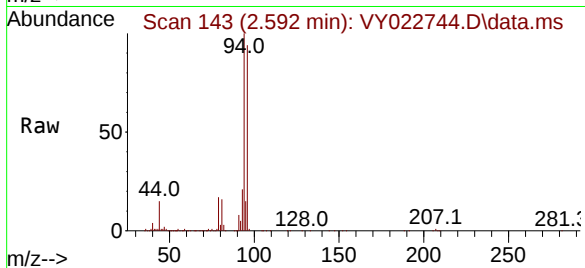




#5
Bromomethane
Concen: 20.217 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022744.D
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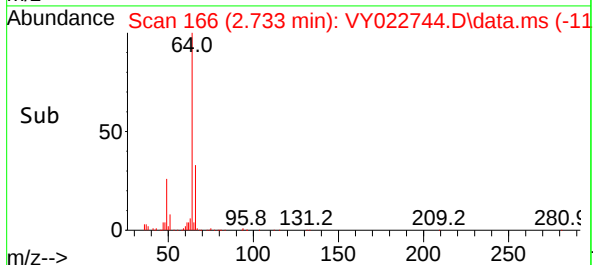
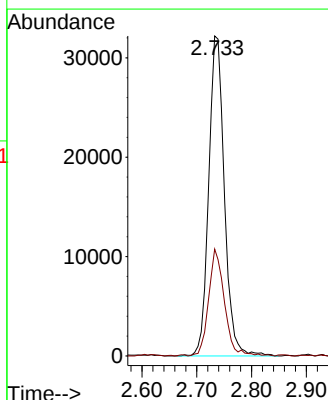
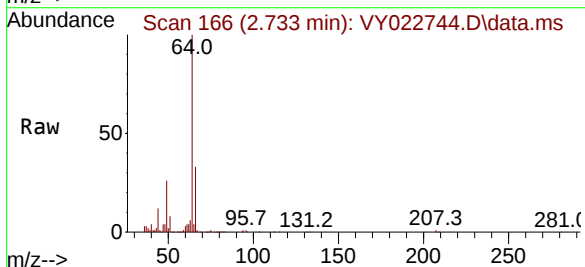
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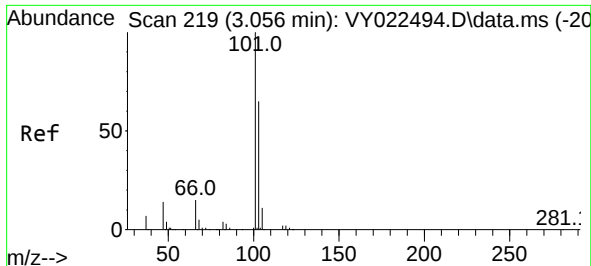
Tgt Ion: 94 Resp: 84774
Ion Ratio Lower Upper
94 100
96 93.6 74.0 111.0



#6
Chloroethane
Concen: 21.240 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 63781
Ion Ratio Lower Upper
64 100
66 33.2 23.8 35.6

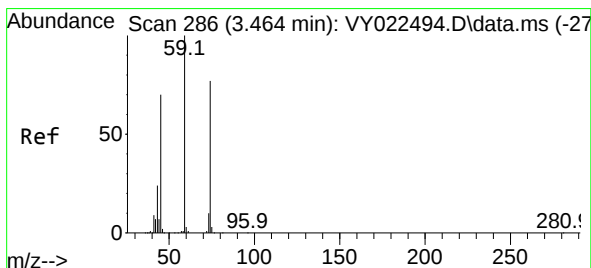
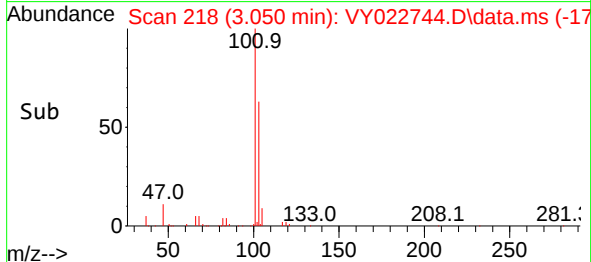
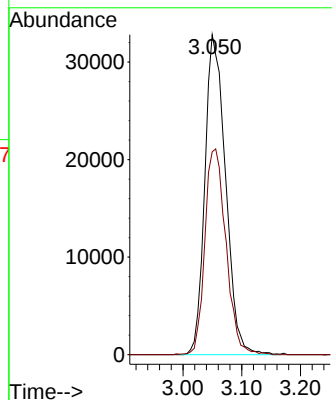
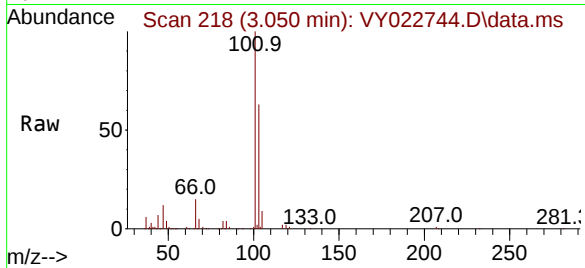




#7
 Trichlorofluoromethane
 Concen: 21.612 ug/l
 RT: 3.050 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY022744.D
 Acq: 19 Jun 2025 10:26

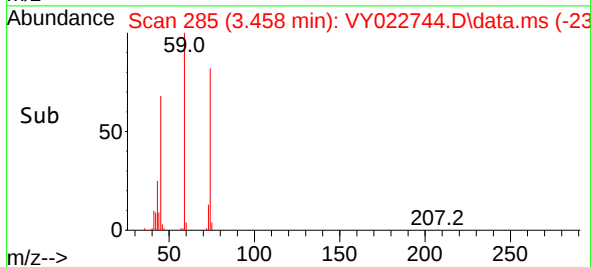
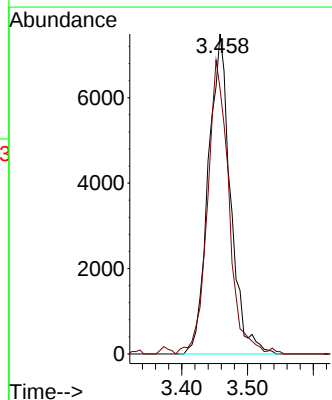
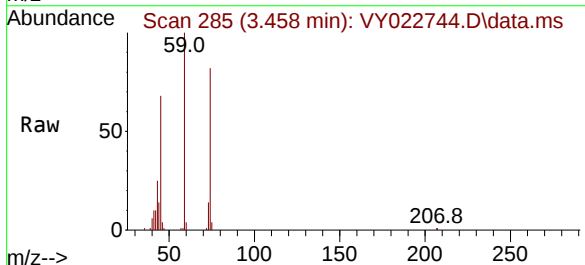
Instrument :
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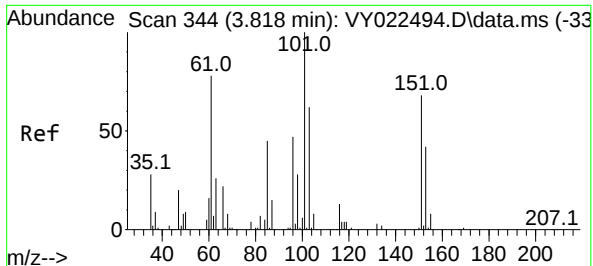
Tgt Ion:101 Resp: 80267
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.2 78.2



#8
 Diethyl Ether
 Concen: 20.966 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 17536
 Ion Ratio Lower Upper
 74 100
 45 88.6 45.9 137.6

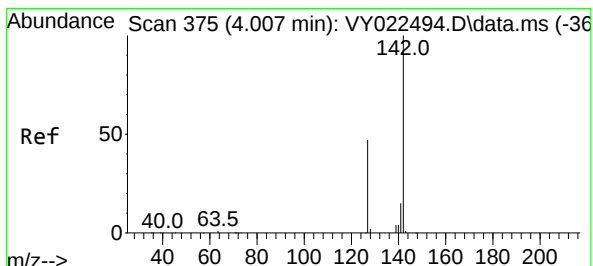
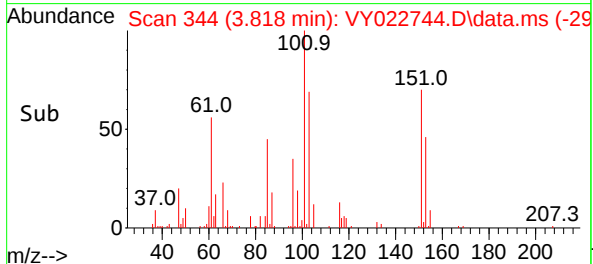
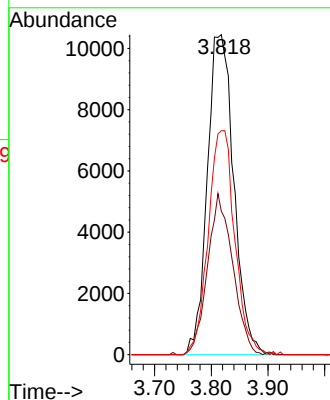
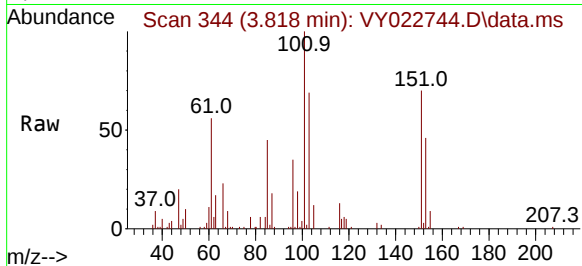




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.687 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

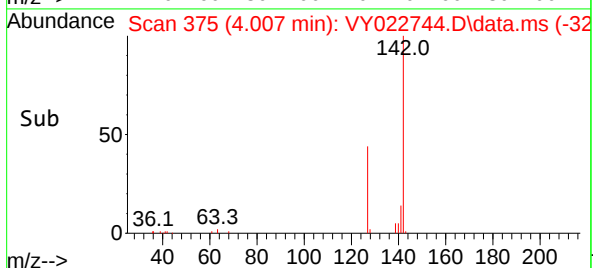
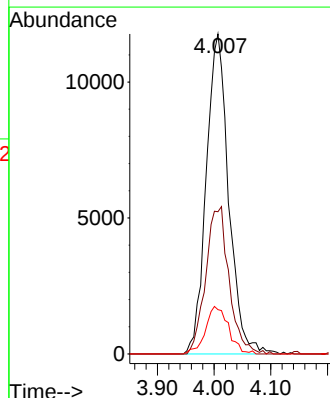
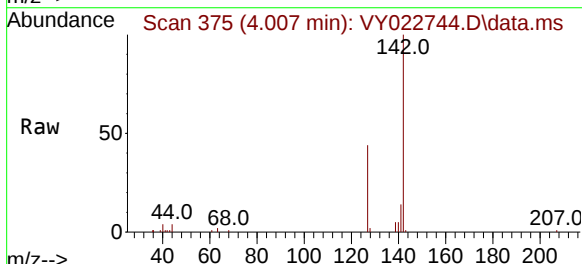
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

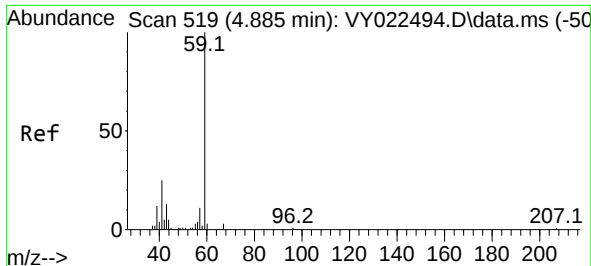
Tgt Ion:101 Resp: 33924
Ion Ratio Lower Upper
101 100
85 47.7 39.3 58.9
151 70.1 57.8 86.8



#10
Methyl Iodide
Concen: 19.117 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion:142 Resp: 32362
Ion Ratio Lower Upper
142 100
127 47.8 37.1 55.7
141 15.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 92.580 ug/l

RT: 4.866 min Scan# 519

Delta R.T. -0.018 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

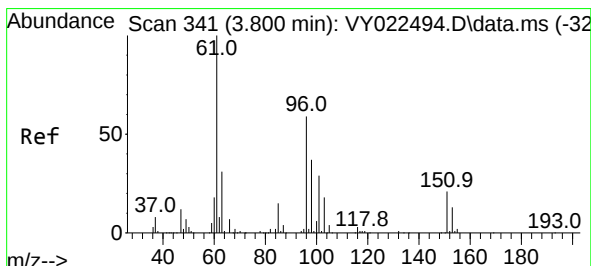
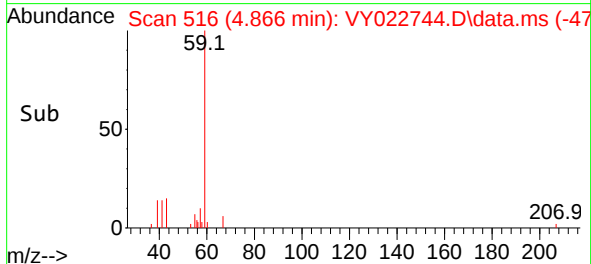
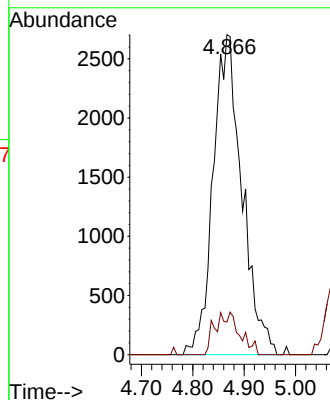
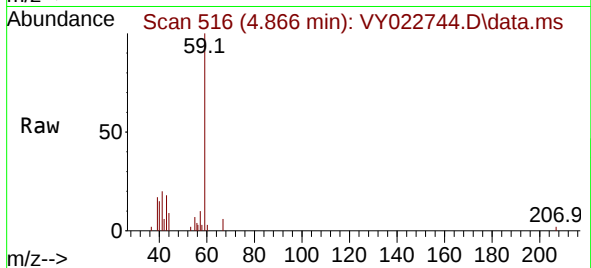
VY0619SBS01

Tgt Ion: 59 Resp: 10545

Ion Ratio Lower Upper

59 100

57 11.3 8.0 12.0



#12

1,1-Dichloroethene

Concen: 21.124 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

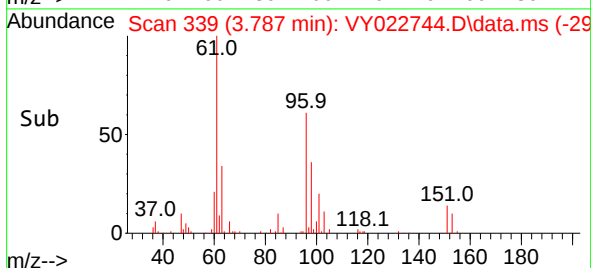
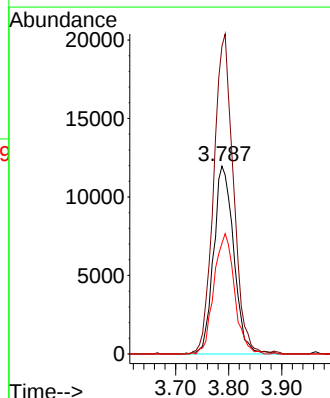
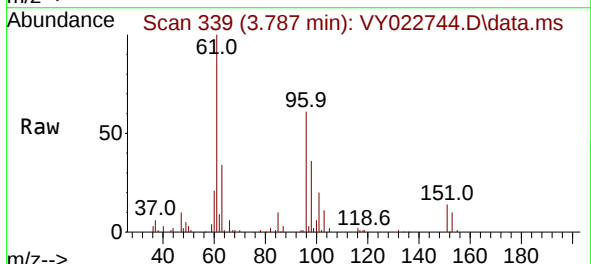
Tgt Ion: 96 Resp: 31585

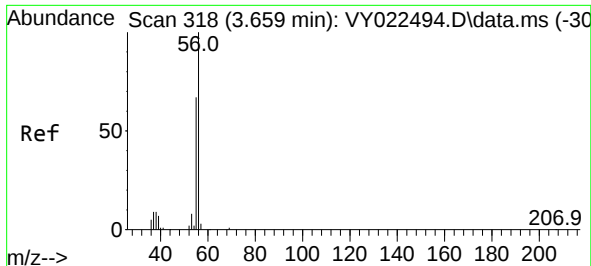
Ion Ratio Lower Upper

96 100

61 163.9 134.6 201.8

98 58.9 50.2 75.4

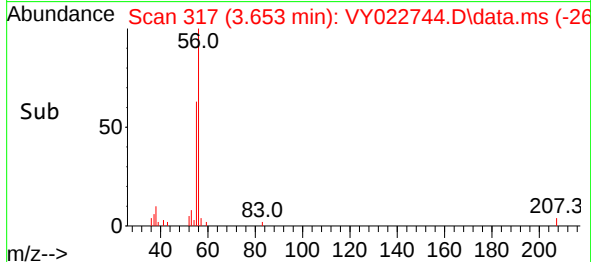
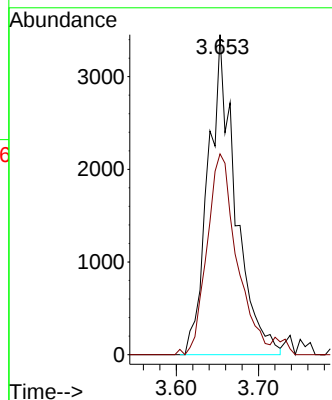
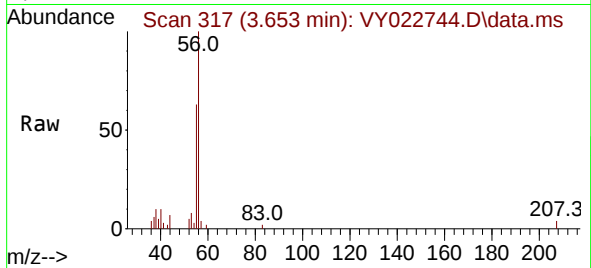




#13
Acrolein
Concen: 56.231 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

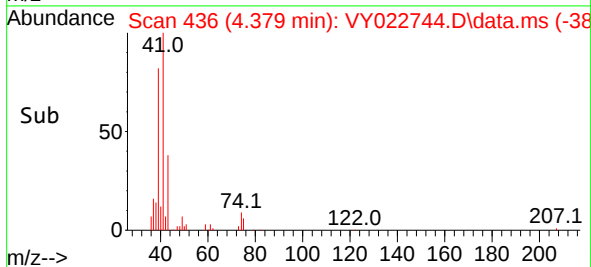
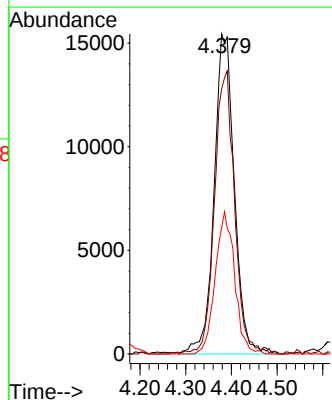
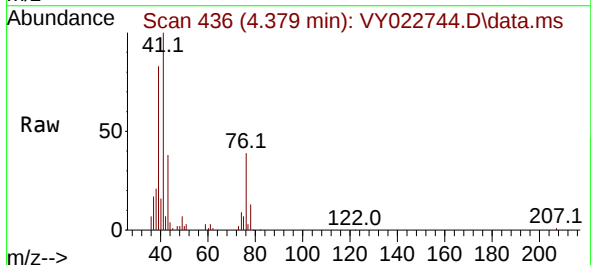
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 56 Resp: 7982
Ion Ratio Lower Upper
56 100
55 68.5 57.0 85.6



#14
Allyl chloride
Concen: 20.265 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion: 41 Resp: 47569
Ion Ratio Lower Upper
41 100
39 87.3 69.1 103.7
76 42.5 33.5 50.3

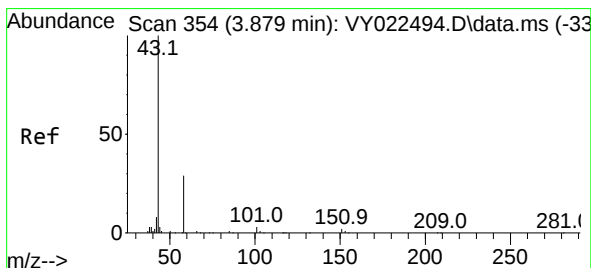
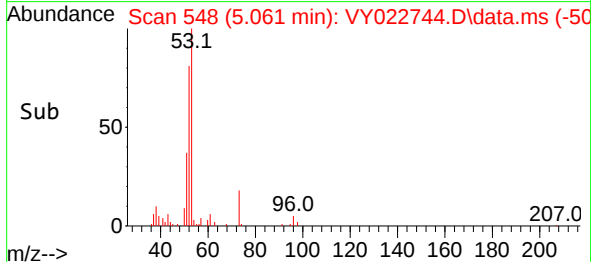
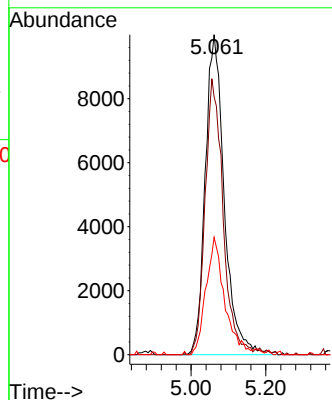
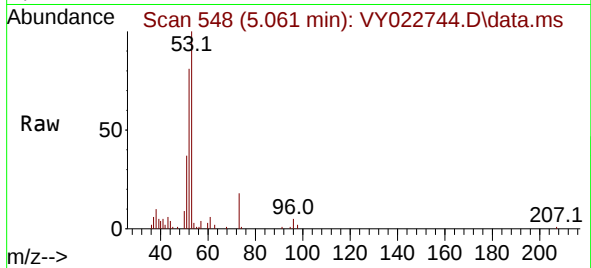




#15
Acrylonitrile
Concen: 100.001 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

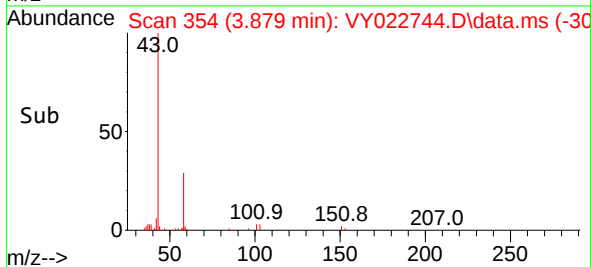
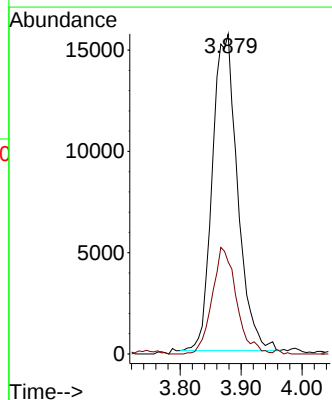
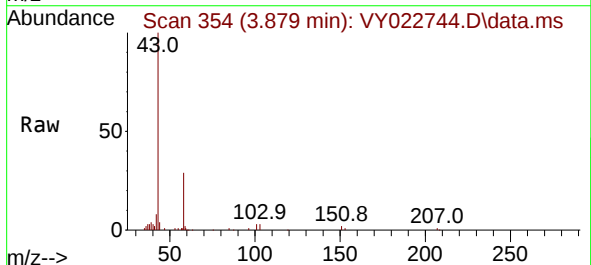
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

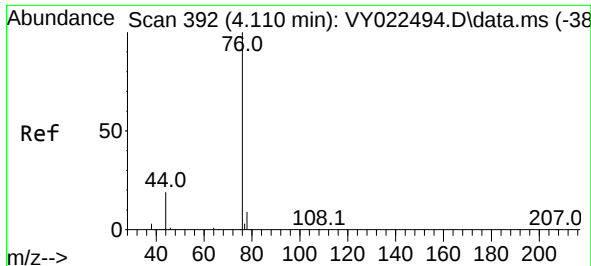
Tgt Ion: 53 Resp: 35424
Ion Ratio Lower Upper
53 100
52 80.7 65.7 98.5
51 35.9 30.1 45.1



#16
Acetone
Concen: 138.427 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion: 43 Resp: 44832
Ion Ratio Lower Upper
43 100
58 29.1 24.0 36.0

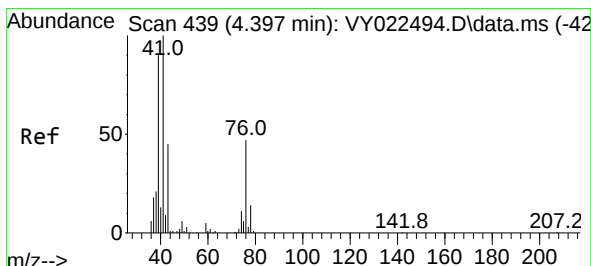
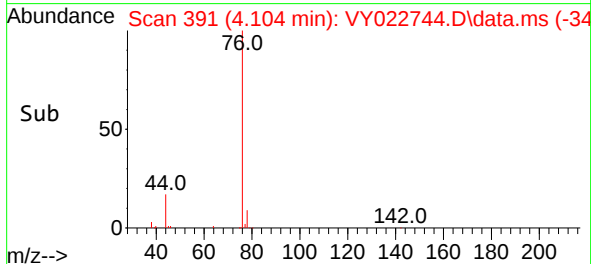
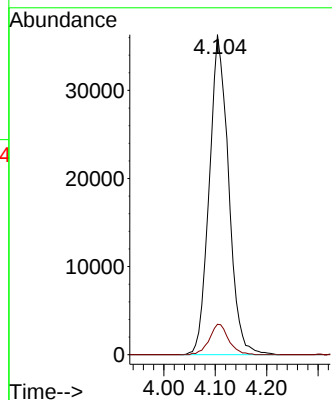
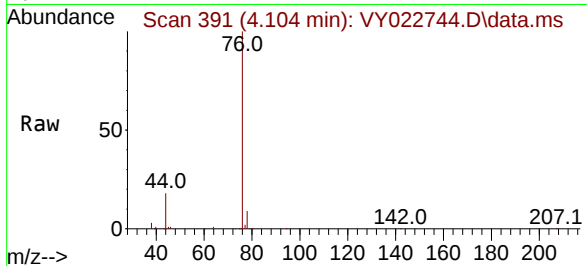




#17
Carbon Disulfide
Concen: 19.824 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

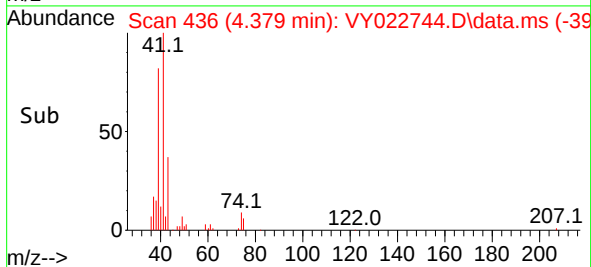
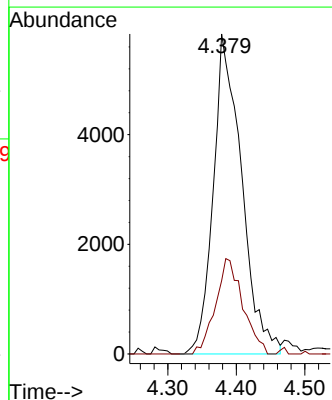
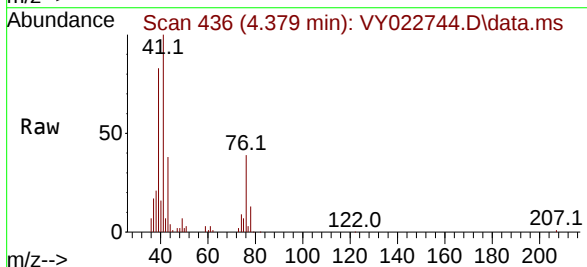
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

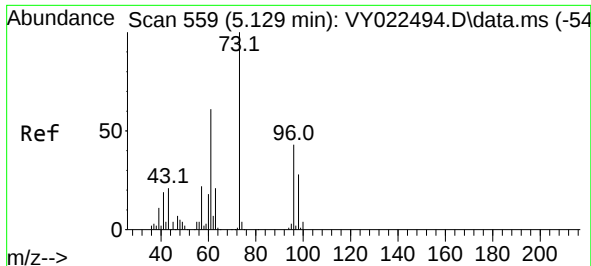
Tgt Ion: 76 Resp: 94900
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 17.418 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion: 43 Resp: 16705
Ion Ratio Lower Upper
43 100
74 28.8 19.8 29.6

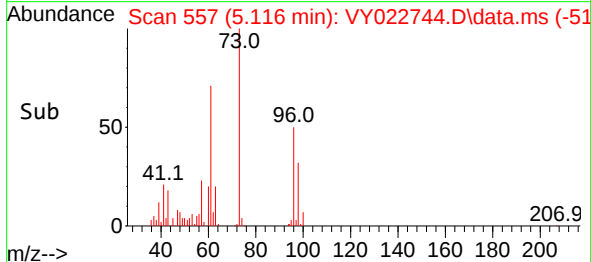
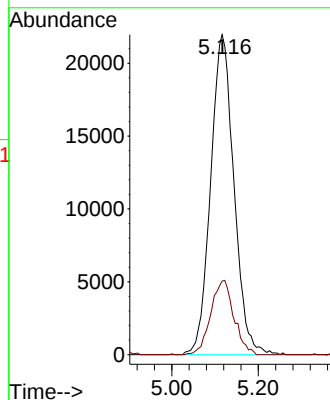
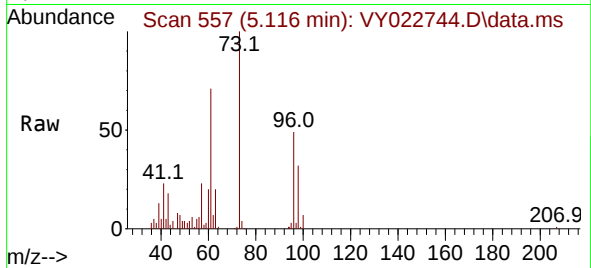




#19
Methyl tert-butyl Ether
Concen: 19.510 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

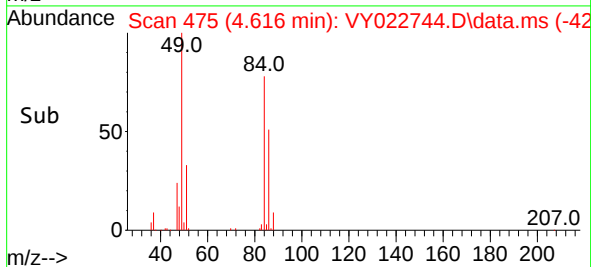
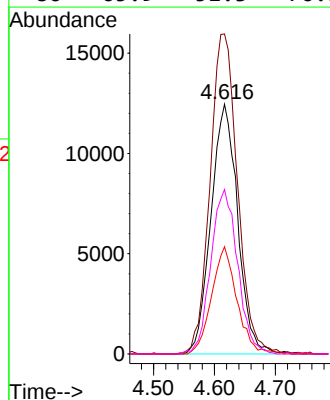
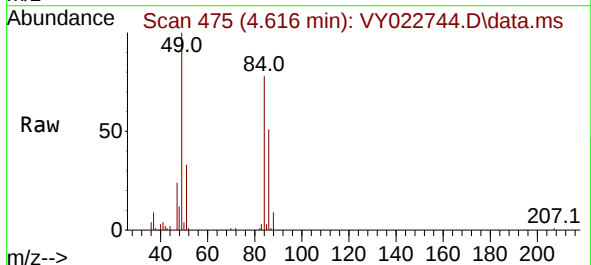
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

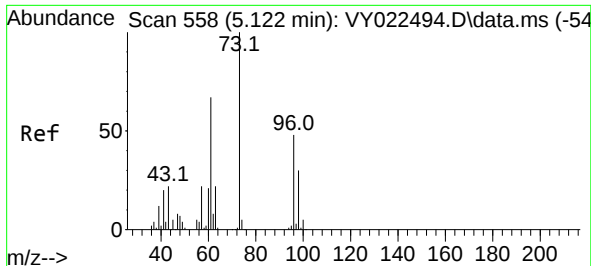
Tgt Ion: 73 Resp: 82167
Ion Ratio Lower Upper
73 100
57 23.0 17.4 26.0



#20
Methylene Chloride
Concen: 20.607 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion: 84 Resp: 37910
Ion Ratio Lower Upper
84 100
49 127.7 101.9 152.9
51 42.9 29.8 44.8
86 65.9 51.3 76.9

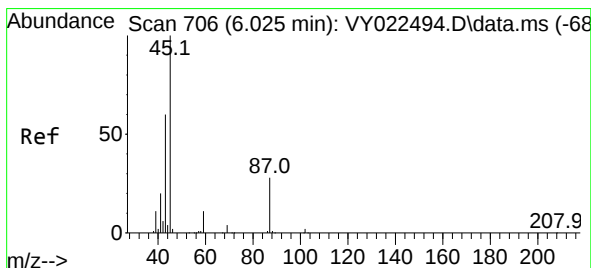
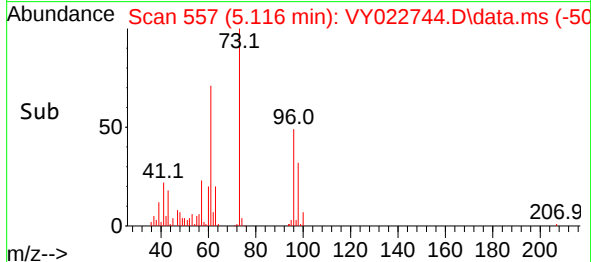
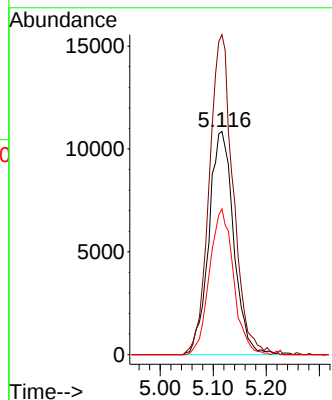
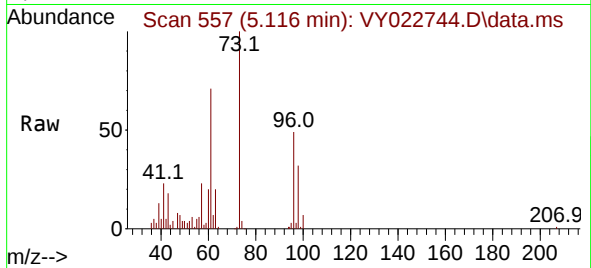




#21
trans-1,2-Dichloroethene
Concen: 21.073 ug/l
RT: 5.116 min Scan# 5116
Delta R.T. -0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

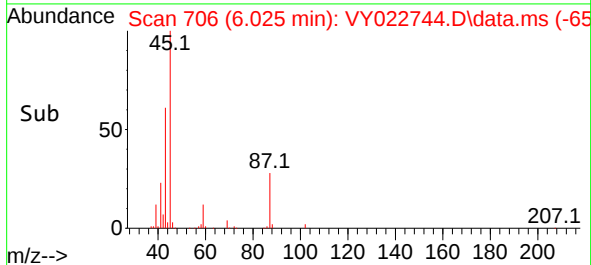
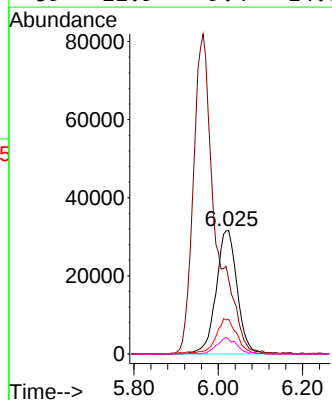
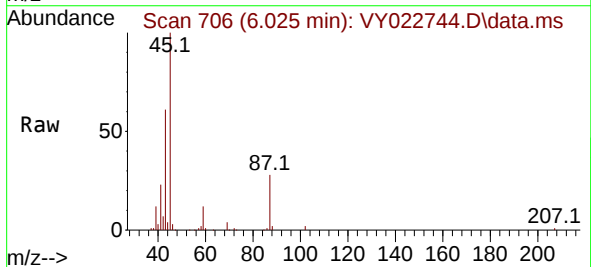
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

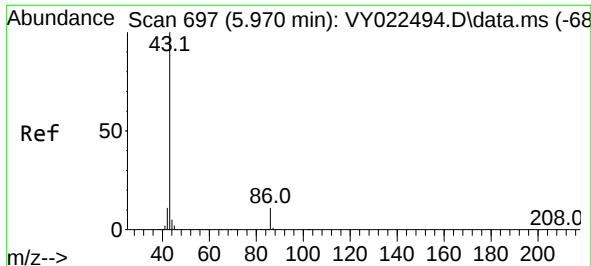
Tgt Ion: 96 Resp: 35265
Ion Ratio Lower Upper
96 100
61 143.4 112.6 169.0
98 65.3 50.6 75.8



#22
Diisopropyl ether
Concen: 20.922 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion: 45 Resp: 109315
Ion Ratio Lower Upper
45 100
43 60.3 48.3 72.5
87 28.0 23.0 34.6
59 11.9 9.4 14.0

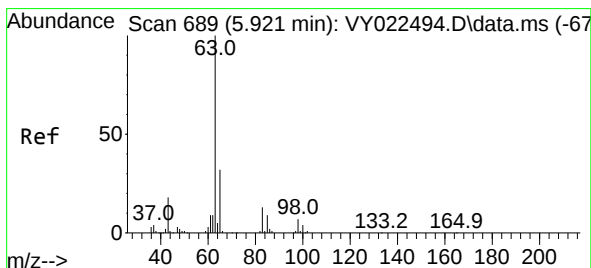
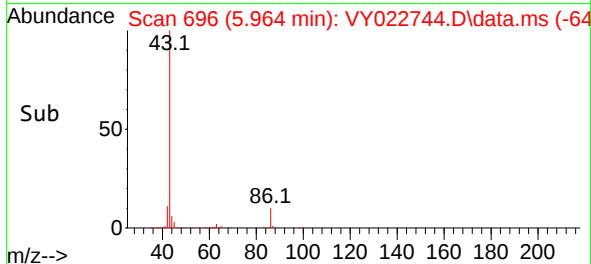
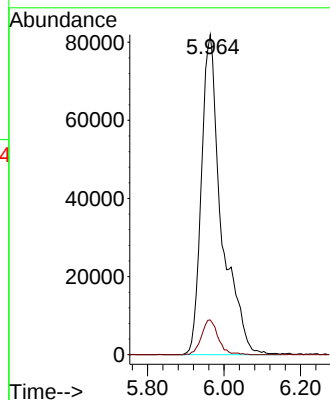
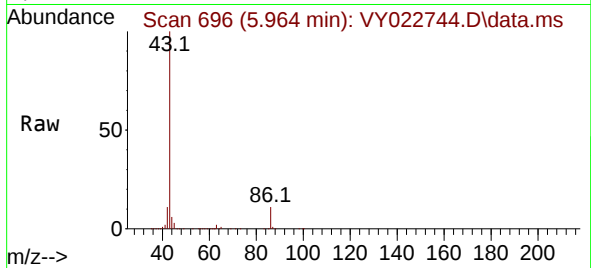




#23
 Vinyl Acetate
 Concen: 96.762 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY022744.D
 Acq: 19 Jun 2025 10:26

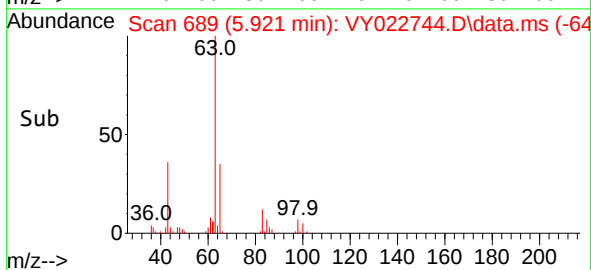
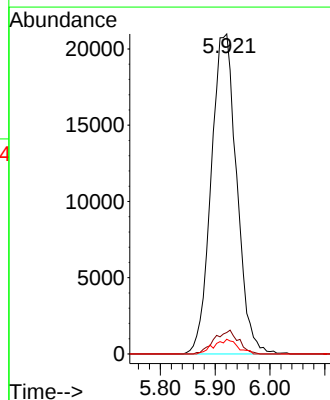
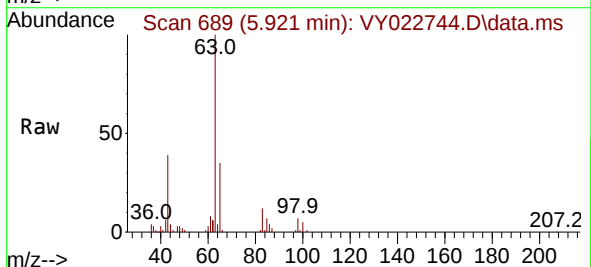
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Tgt Ion: 43 Resp: 299235
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 22.061 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY022744.D
 Acq: 19 Jun 2025 10:26

Tgt Ion: 63 Resp: 67905
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.6 2.1 6.3

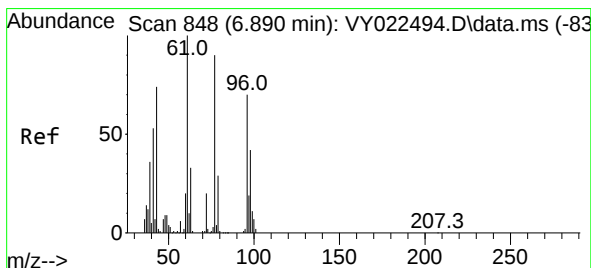
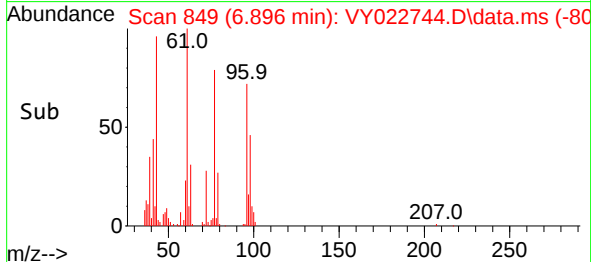
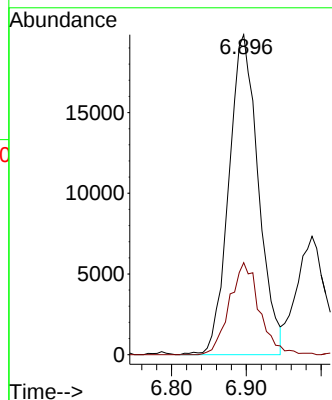
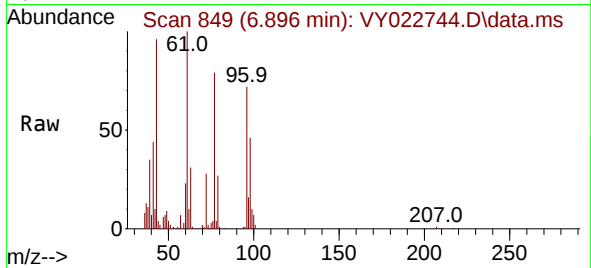




#25
2-Butanone
Concen: 116.587 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

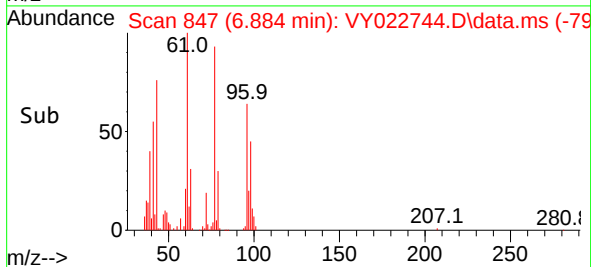
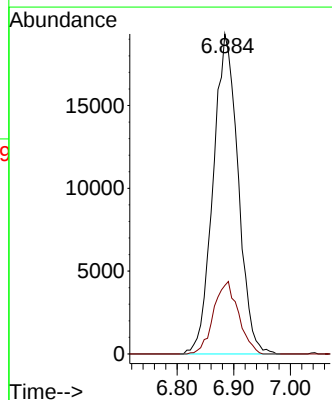
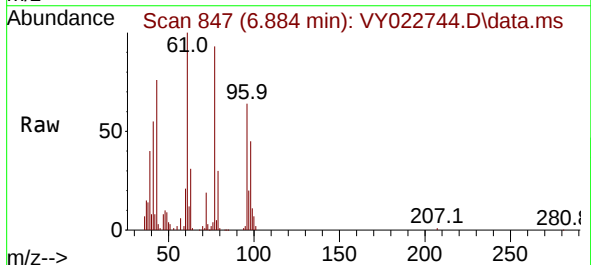
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 43 Resp: 54465
Ion Ratio Lower Upper
43 100
72 28.7 22.9 34.3



#26
2,2-Dichloropropane
Concen: 21.721 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion: 77 Resp: 59073
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.216 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

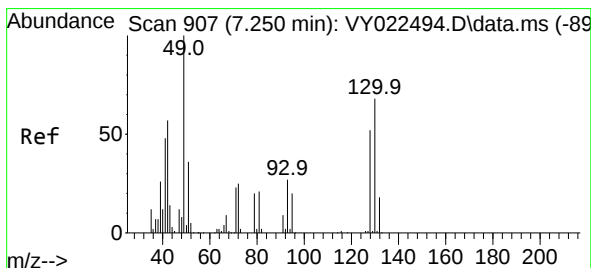
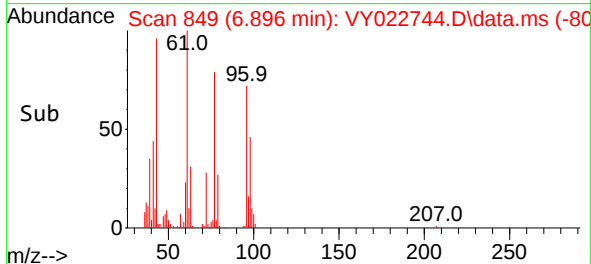
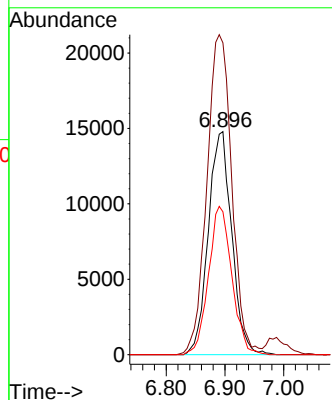
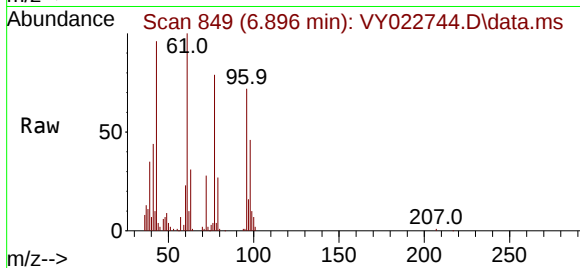
Tgt Ion: 96 Resp: 41038

Ion Ratio Lower Upper

96 100

61 152.6 0.0 290.0

98 66.1 0.0 128.4



#28

Bromochloromethane

Concen: 21.741 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

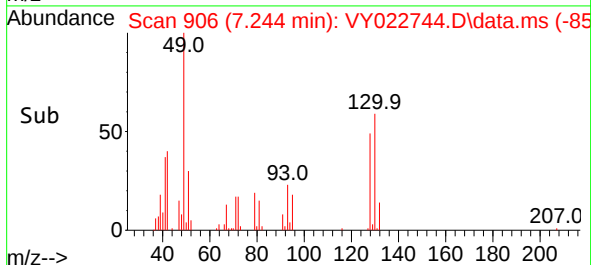
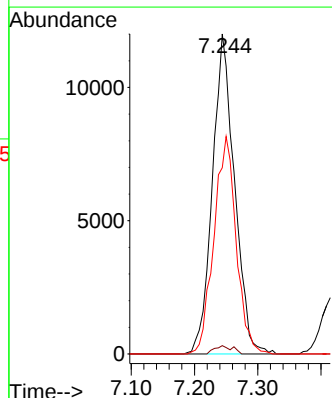
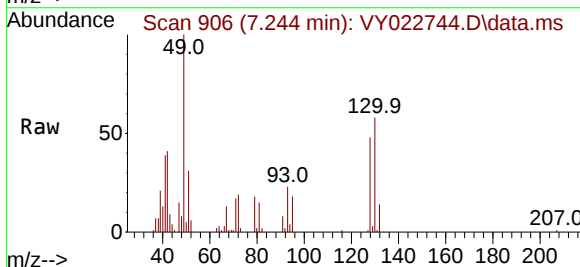
Tgt Ion: 49 Resp: 29171

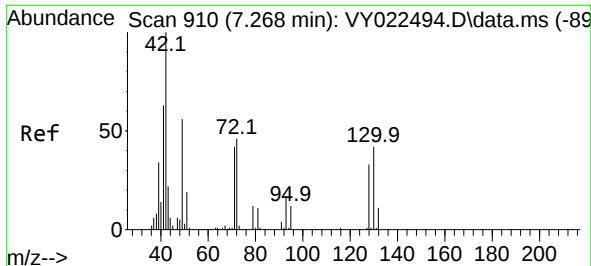
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.6

130 68.3 55.7 83.5





#29

Tetrahydrofuran

Concen: 88.884 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

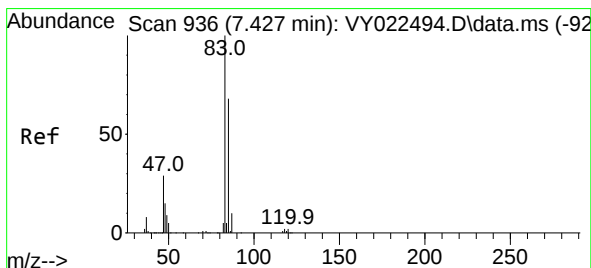
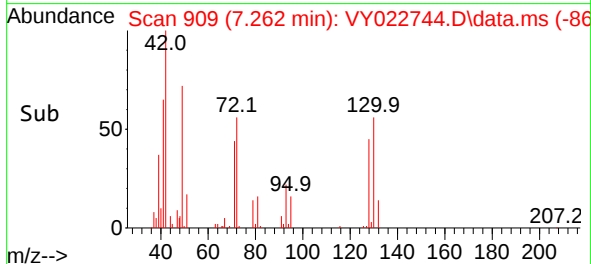
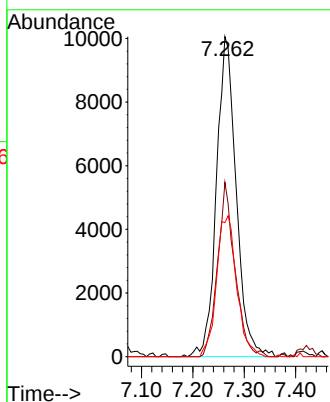
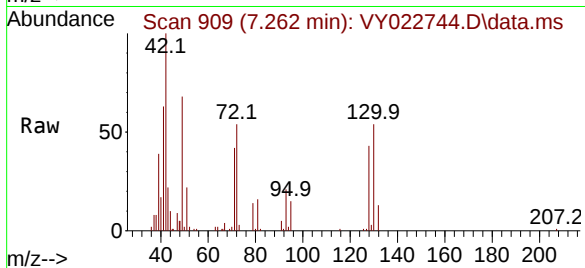
Tgt Ion: 42 Resp: 26781

Ion Ratio Lower Upper

42 100

72 48.1 37.4 56.2

71 45.0 34.2 51.2



#30

Chloroform

Concen: 22.356 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022744.D

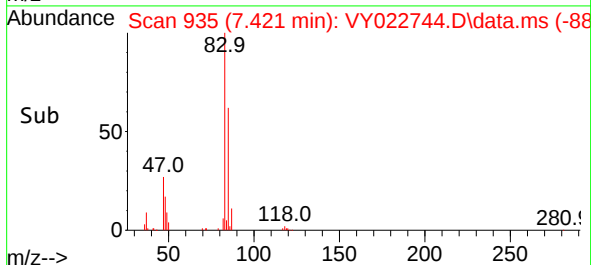
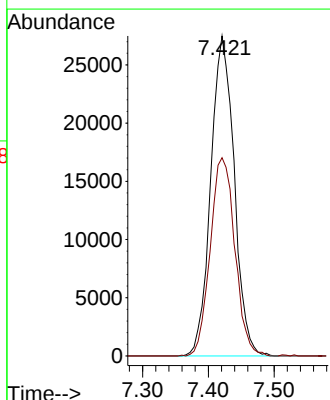
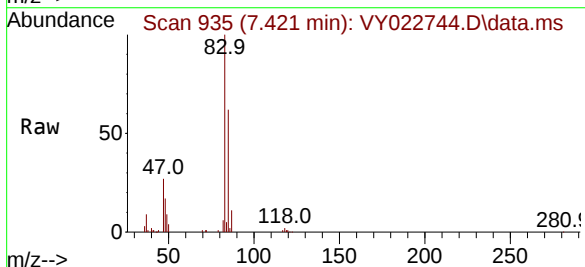
Acq: 19 Jun 2025 10:26

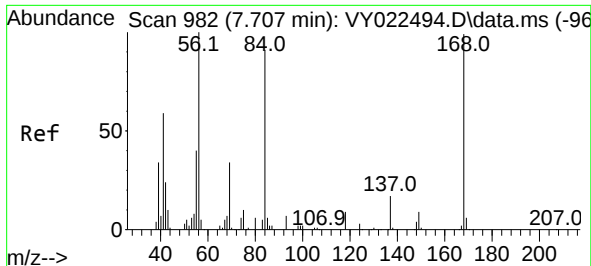
Tgt Ion: 83 Resp: 68158

Ion Ratio Lower Upper

83 100

85 62.0 54.2 81.4

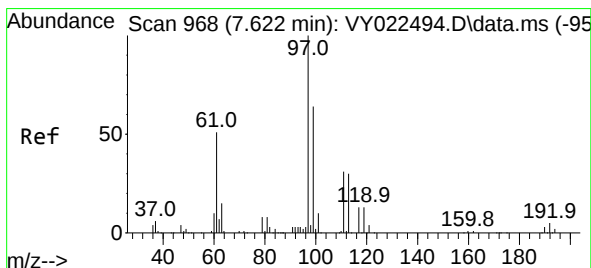
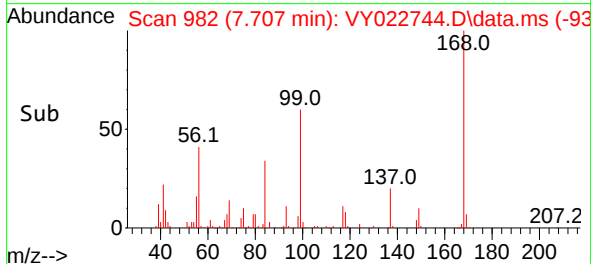
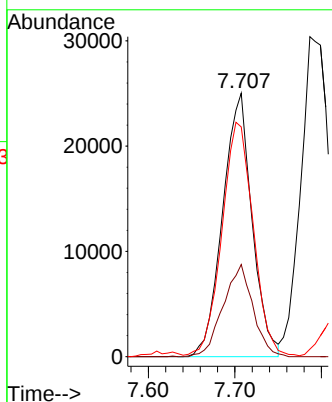
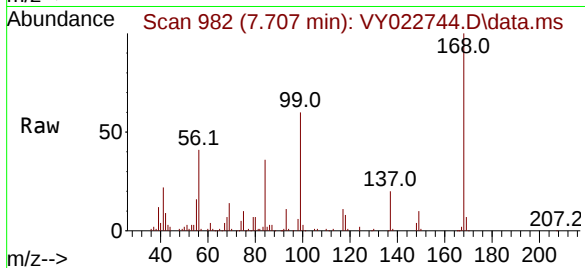




#31
Cyclohexane
Concen: 19.289 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

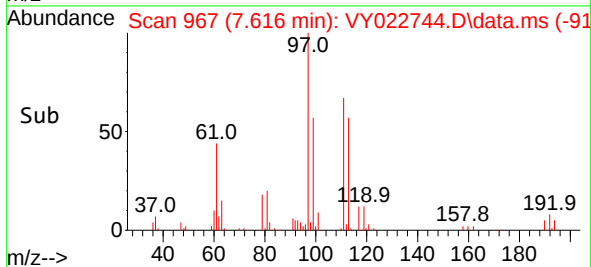
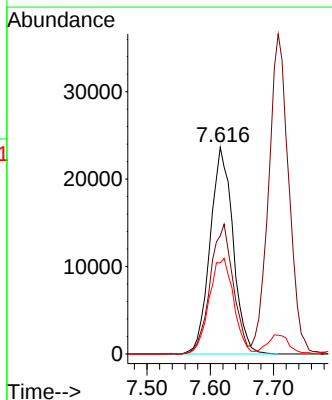
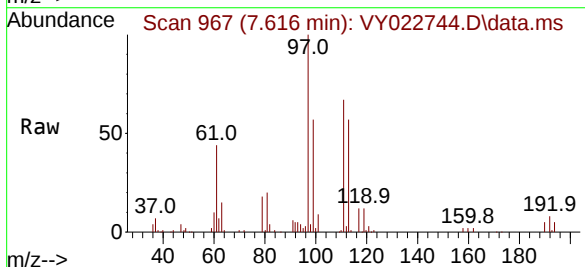
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

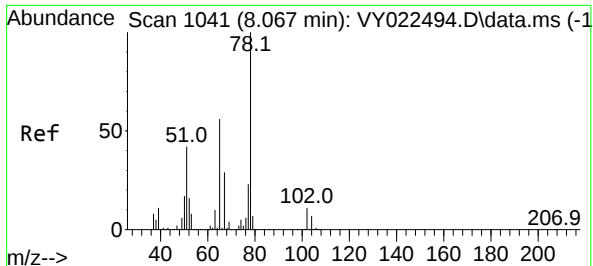
Tgt Ion: 56 Resp: 59110
Ion Ratio Lower Upper
56 100
69 35.0 27.0 40.6
84 86.1 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 21.949 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion: 97 Resp: 59403
Ion Ratio Lower Upper
97 100
99 63.0 50.9 76.3
61 49.6 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 51.249 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

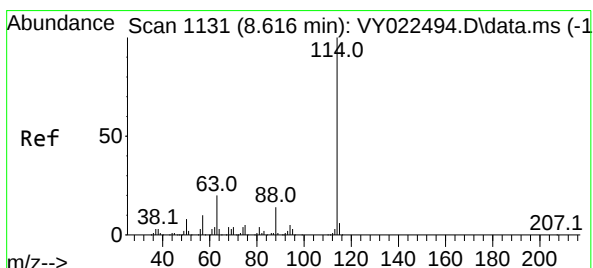
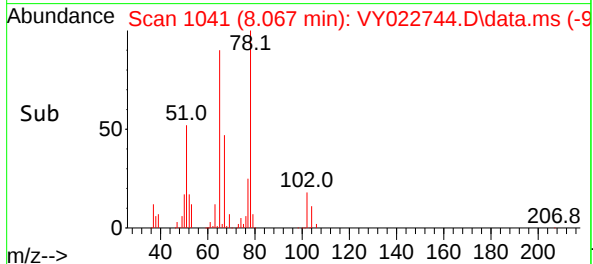
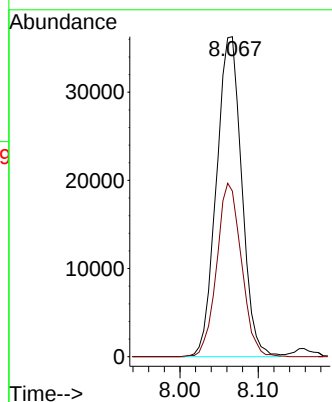
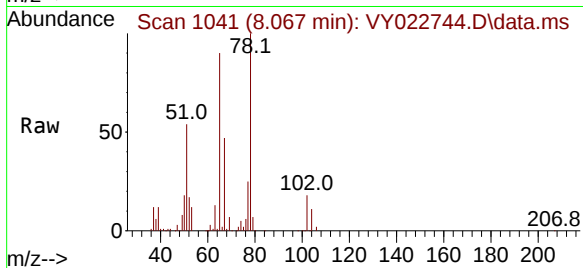
VY0619SBS01

Tgt Ion: 65 Resp: 81729

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

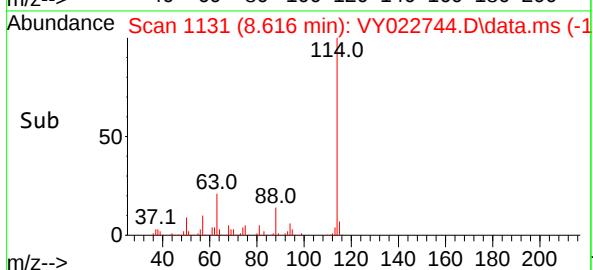
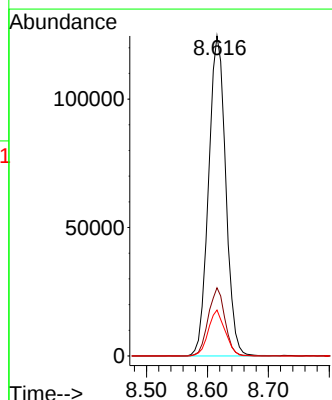
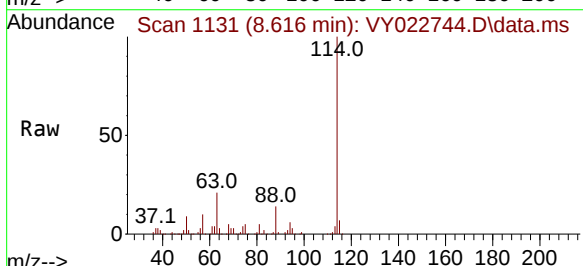
Tgt Ion: 114 Resp: 243559

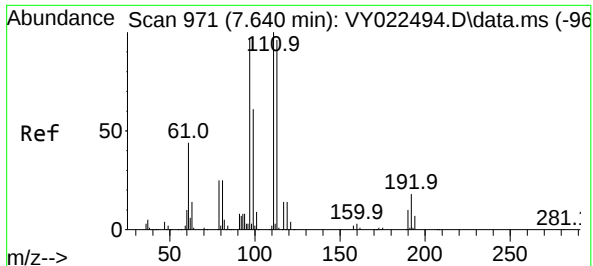
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

88 14.3 0.0 27.8

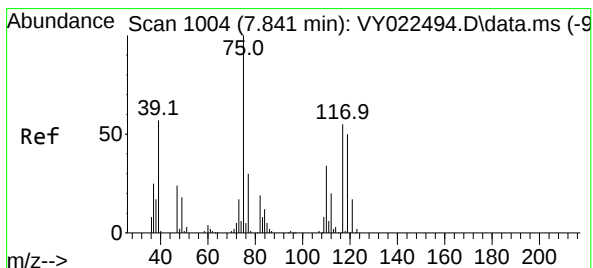
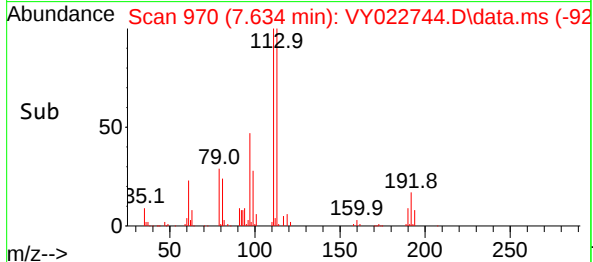
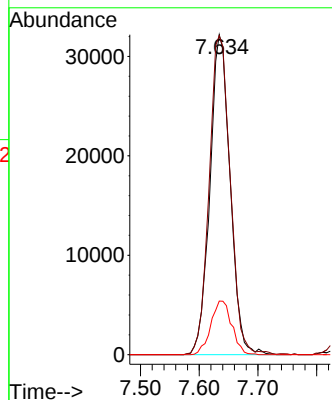
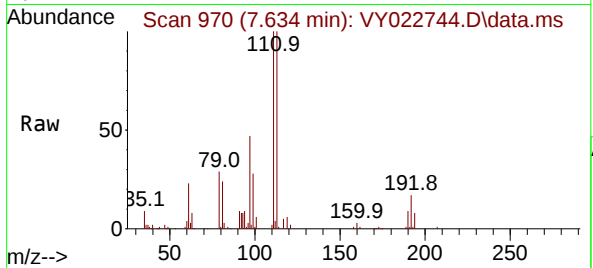




#35
Dibromofluoromethane
Concen: 52.978 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

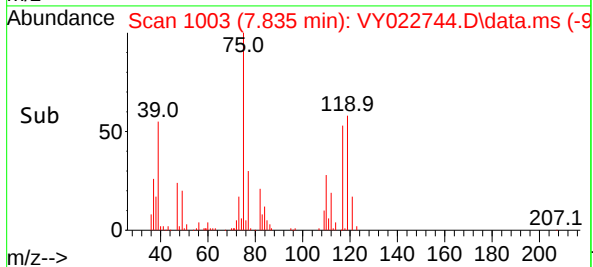
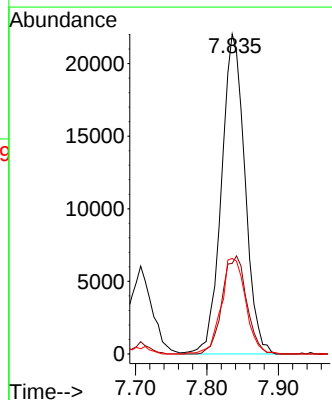
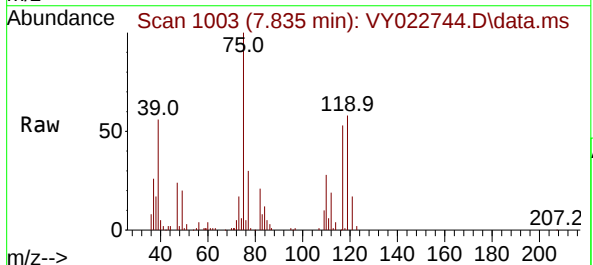
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

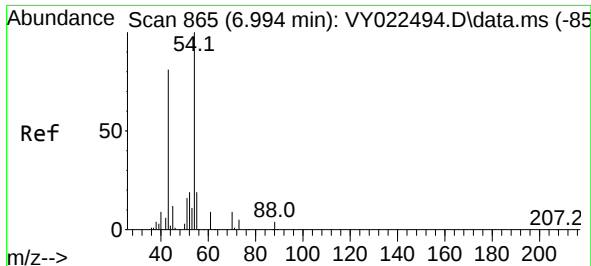
Tgt Ion:113 Resp: 77017
Ion Ratio Lower Upper
113 100
111 103.7 81.1 121.7
192 17.4 14.2 21.2



#36
1,1-Dichloropropene
Concen: 21.272 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion: 75 Resp: 50191
Ion Ratio Lower Upper
75 100
110 31.8 16.9 50.7
77 31.2 24.8 37.2





#37

Ethyl Acetate

Concen: 19.782 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

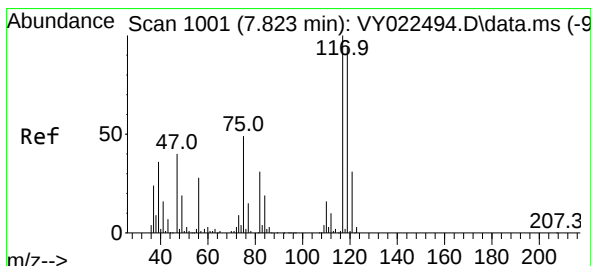
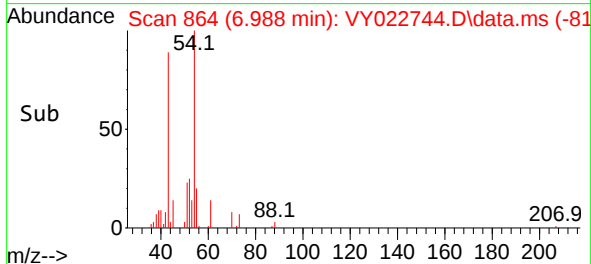
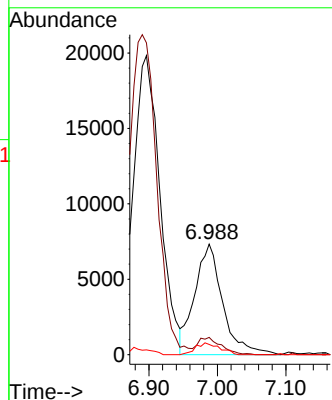
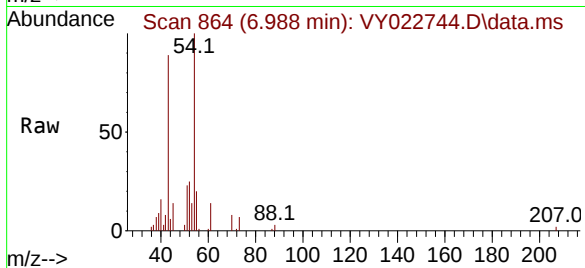
Tgt Ion: 43 Resp: 20815

Ion Ratio Lower Upper

43 100

61 12.8 11.5 17.3

70 9.2 7.2 10.8



#38

Carbon Tetrachloride

Concen: 20.924 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

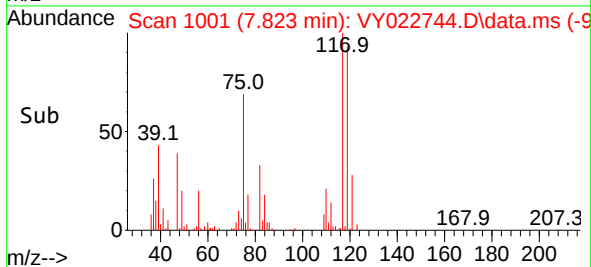
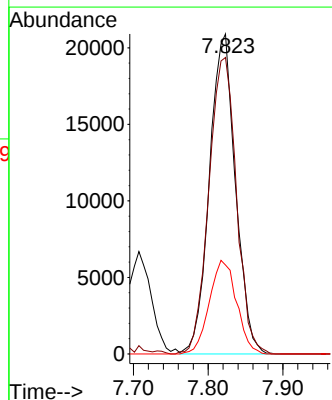
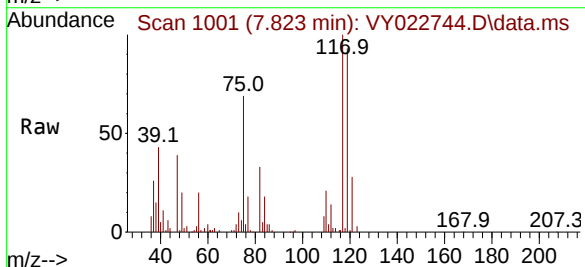
Tgt Ion: 117 Resp: 50646

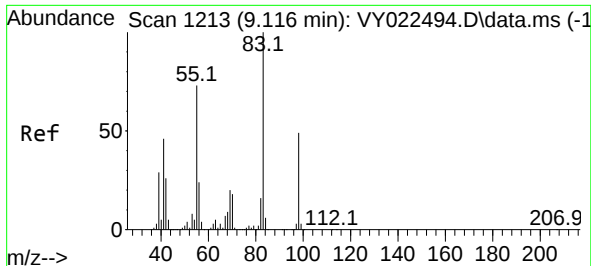
Ion Ratio Lower Upper

117 100

119 92.7 75.0 112.6

121 27.8 25.0 37.4





#39

Methylcyclohexane

Concen: 19.262 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

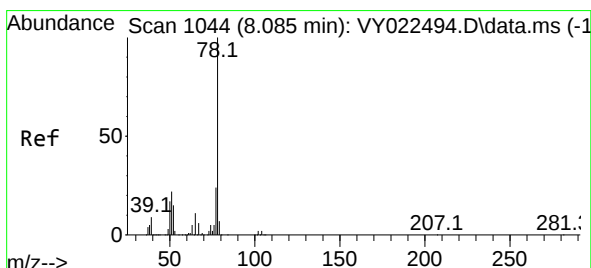
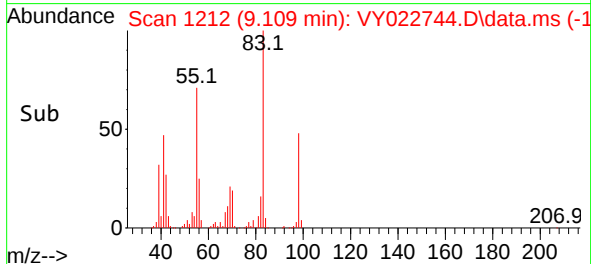
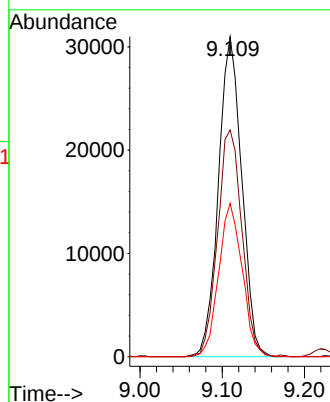
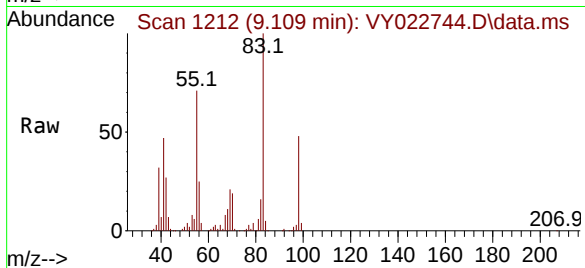
Tgt Ion: 83 Resp: 61074

Ion Ratio Lower Upper

83 100

55 70.8 58.1 87.1

98 47.9 39.0 58.6



#40

Benzene

Concen: 21.401 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY022744.D

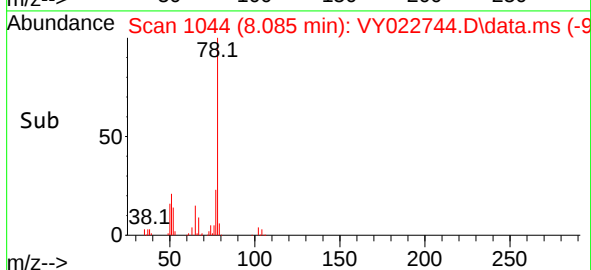
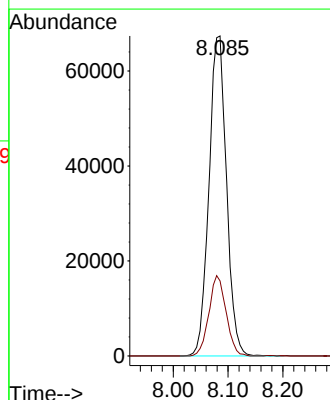
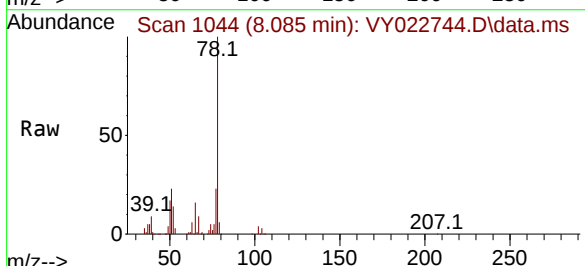
Acq: 19 Jun 2025 10:26

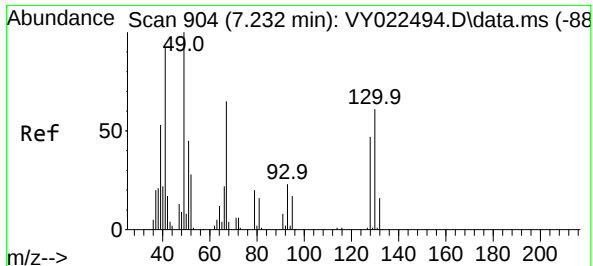
Tgt Ion: 78 Resp: 149138

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9

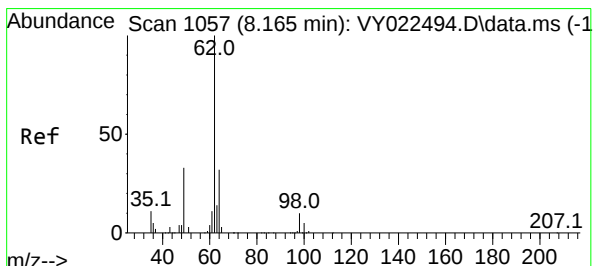
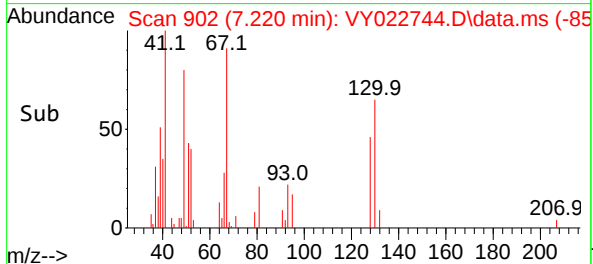
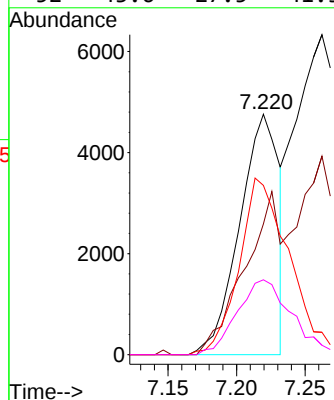
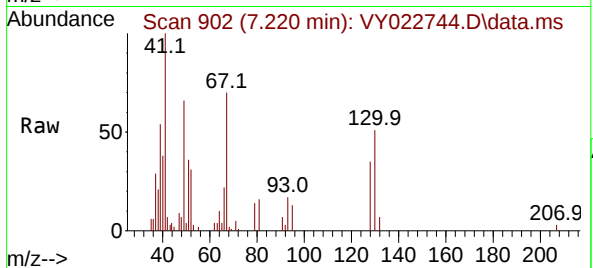




#41
Methacrylonitrile
Concen: 15.496 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

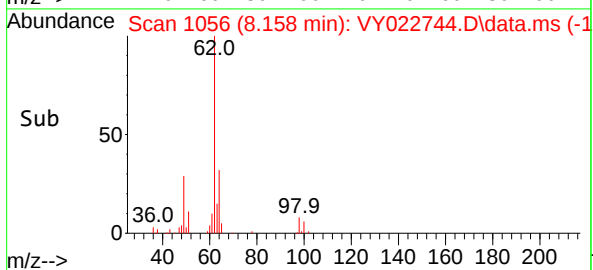
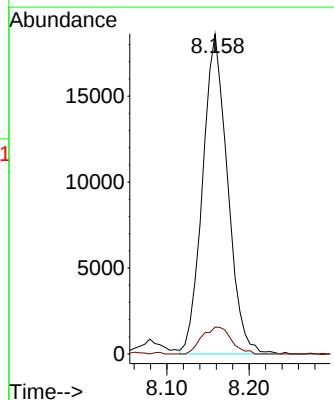
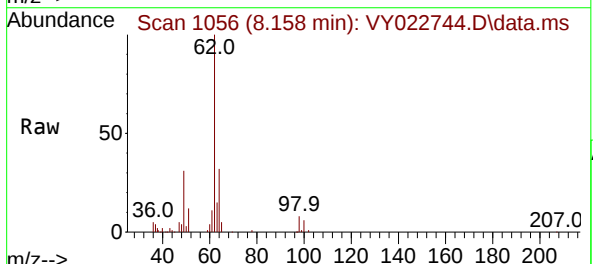
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

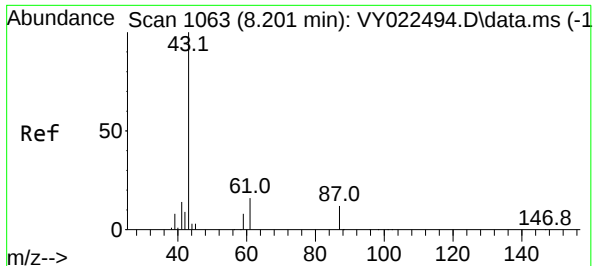
Tgt Ion:	41	Resp:	9524
Ion	Ratio	Lower	Upper
41	100		
39	69.8	46.6	69.8
67	94.4	63.3	94.9
52	43.6	27.5	41.3



#42
1,2-Dichloroethane
Concen: 20.666 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion:	62	Resp:	39323
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2





#43

Isopropyl Acetate

Concen: 18.504 ug/l

RT: 8.201 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

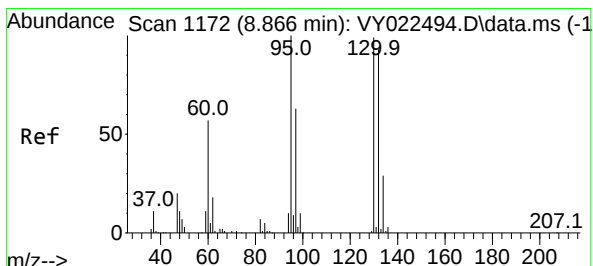
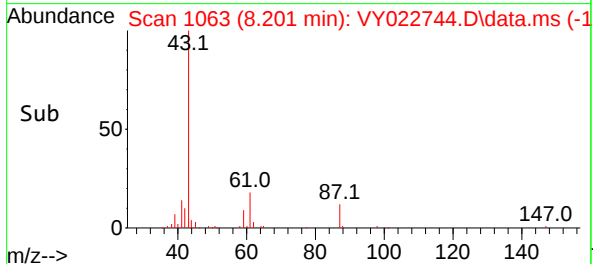
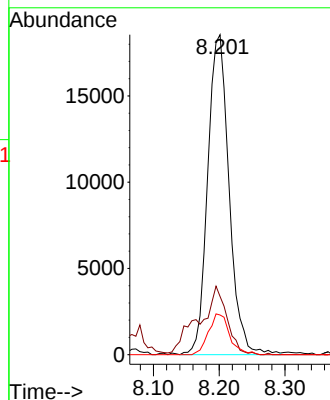
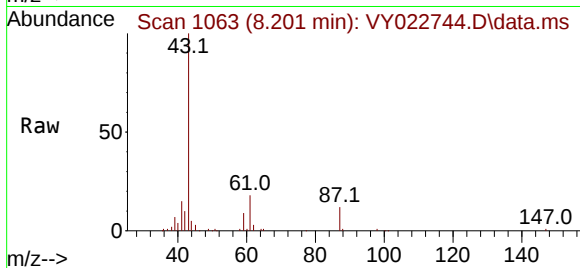
Tgt Ion: 43 Resp: 42050

Ion Ratio Lower Upper

43 100

61 19.1 15.6 23.4

87 12.5 10.2 15.4



#44

Trichloroethene

Concen: 21.676 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY022744.D

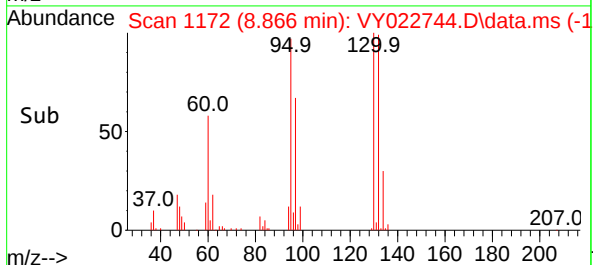
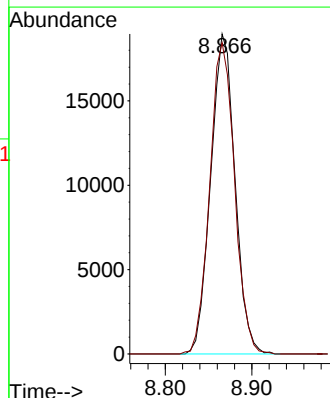
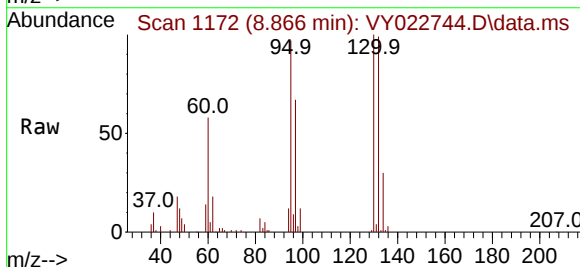
Acq: 19 Jun 2025 10:26

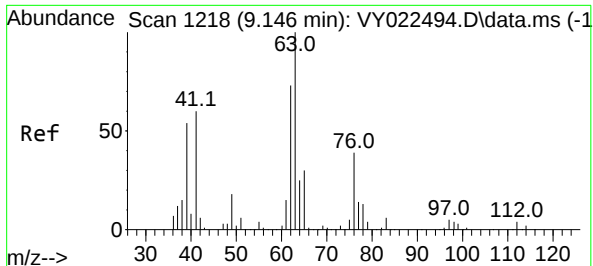
Tgt Ion:130 Resp: 36919

Ion Ratio Lower Upper

130 100

95 97.3 0.0 203.0





#45

1,2-Dichloropropane

Concen: 22.156 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

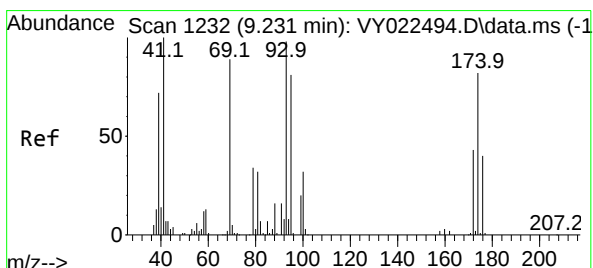
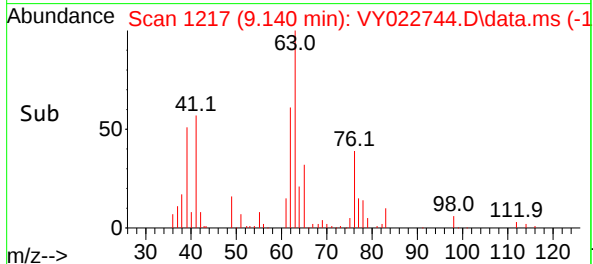
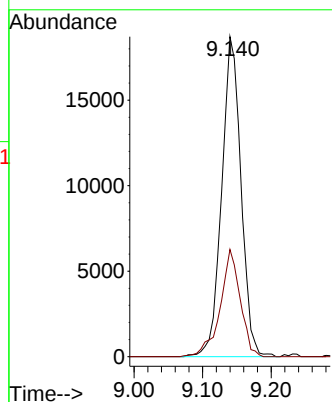
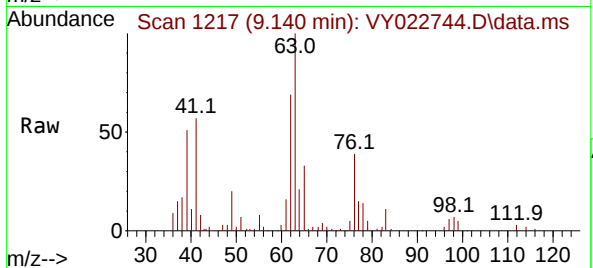
VY0619SBS01

Tgt Ion: 63 Resp: 36490

Ion Ratio Lower Upper

63 100

65 33.5 24.0 36.0



#46

Dibromomethane

Concen: 20.874 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

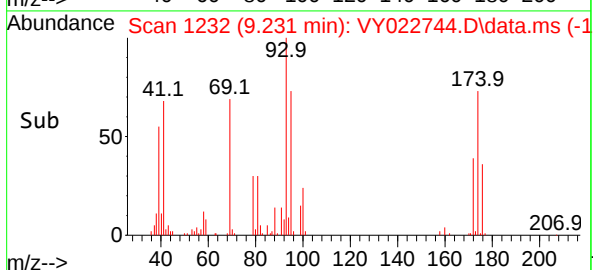
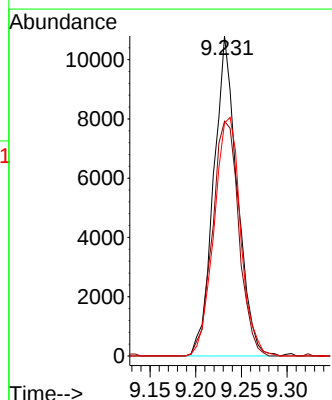
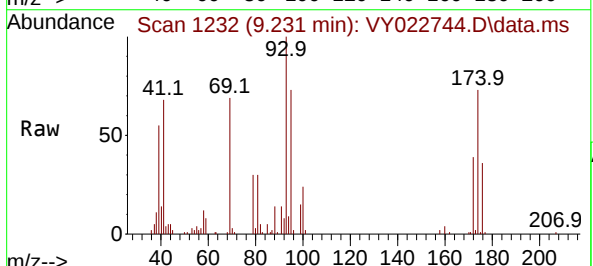
Tgt Ion: 93 Resp: 19341

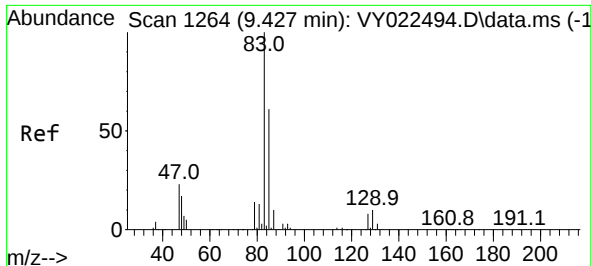
Ion Ratio Lower Upper

93 100

95 82.1 65.6 98.4

174 84.1 70.4 105.6

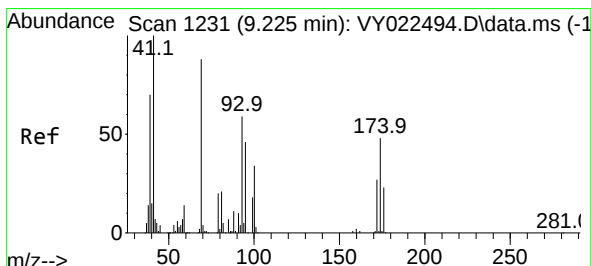
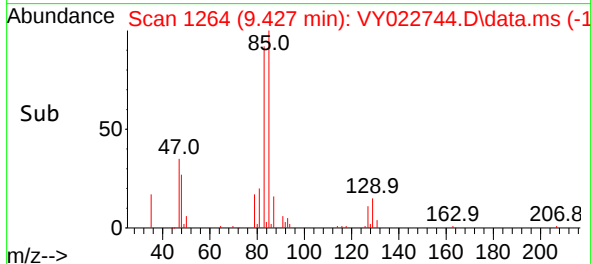
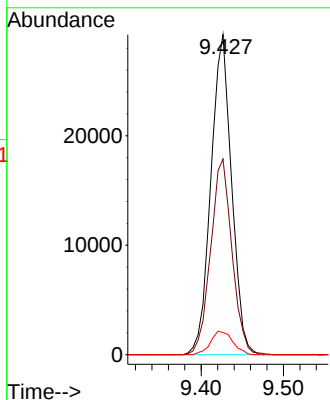
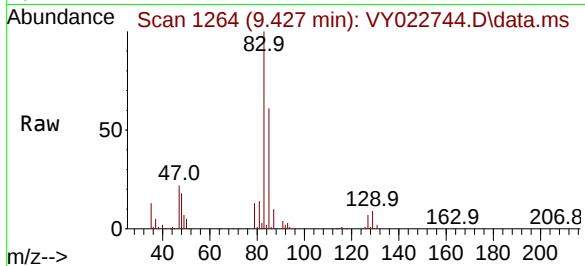




#47
Bromodichloromethane
Concen: 21.747 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

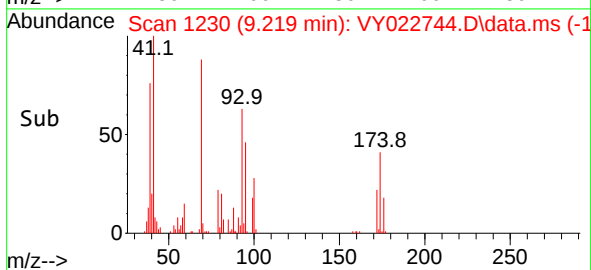
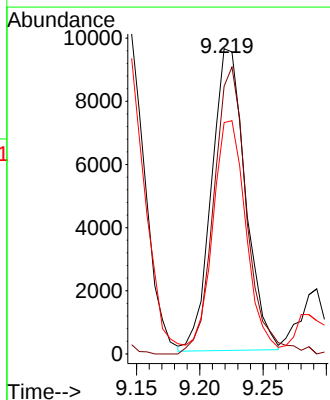
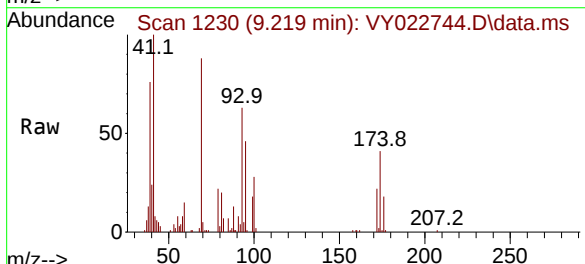
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

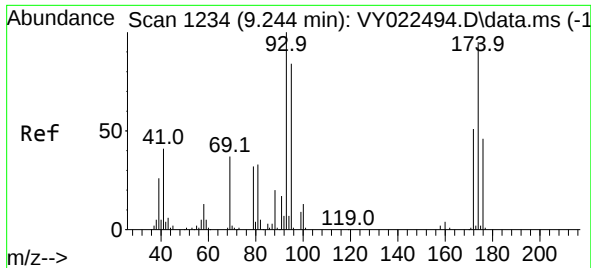
Tgt Ion: 83 Resp: 51094
Ion Ratio Lower Upper
83 100
85 61.1 49.1 73.7
127 6.9 6.2 9.4



#48
Methyl methacrylate
Concen: 16.737 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion: 41 Resp: 17850
Ion Ratio Lower Upper
41 100
69 92.5 67.8 101.8
39 71.2 55.0 82.4

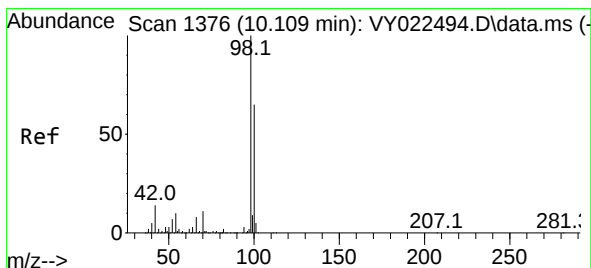
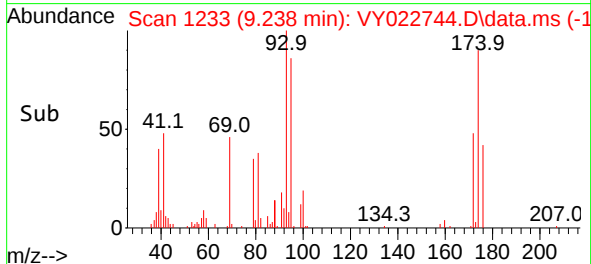
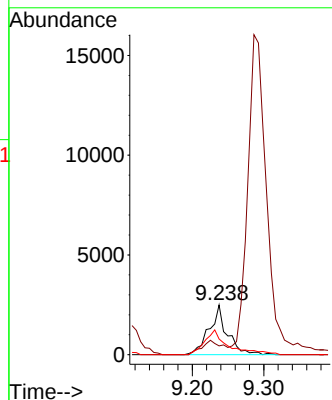
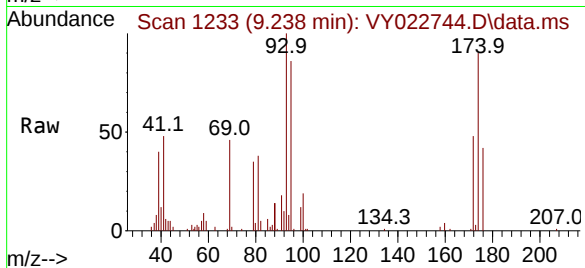




#49
1,4-Dioxane
Concen: 398.833 ug/l
RT: 9.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

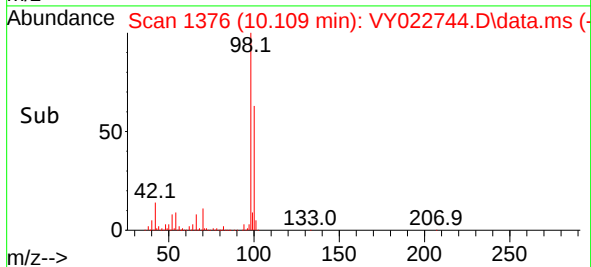
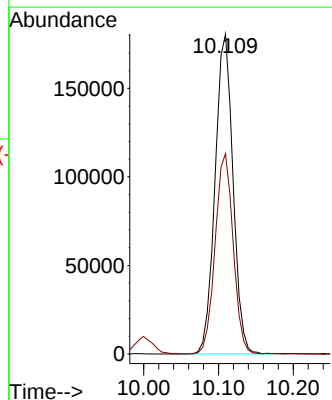
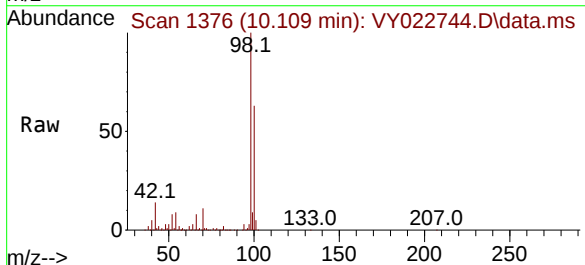
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

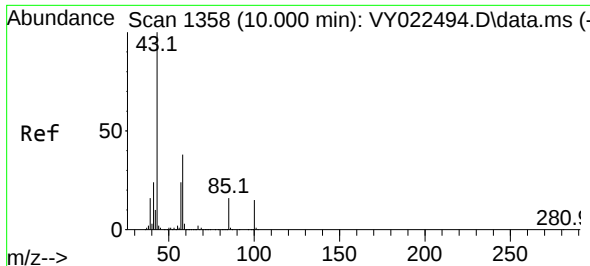
Tgt Ion: 88 Resp: 4378
Ion Ratio Lower Upper
88 100
43 32.4 25.4 38.2
58 64.9 54.9 82.3



#50
Toluene-d8
Concen: 51.379 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion: 98 Resp: 301805
Ion Ratio Lower Upper
98 100
100 63.1 51.4 77.0

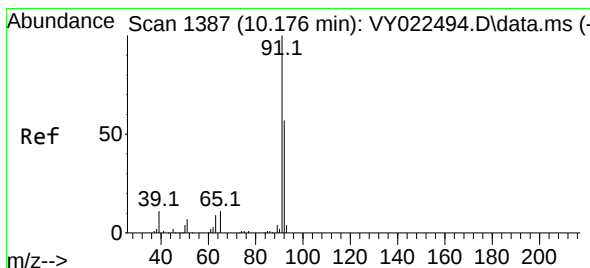
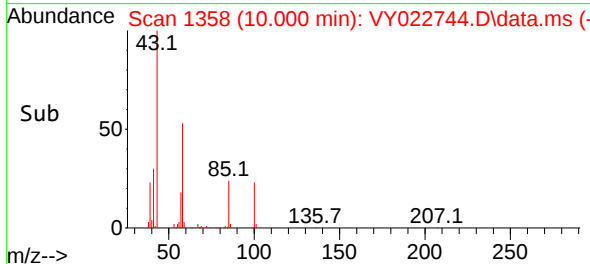
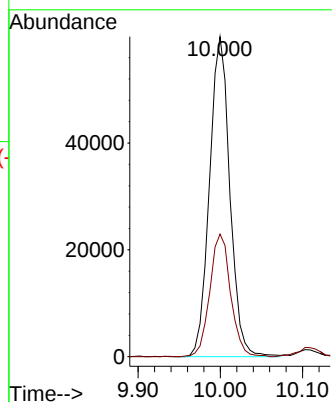
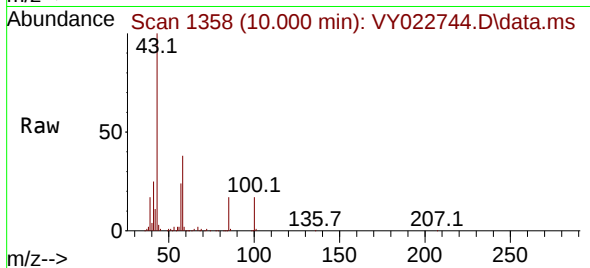




#51
4-Methyl-2-Pentanone
Concen: 90.987 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

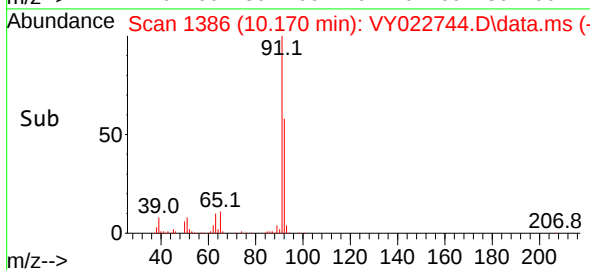
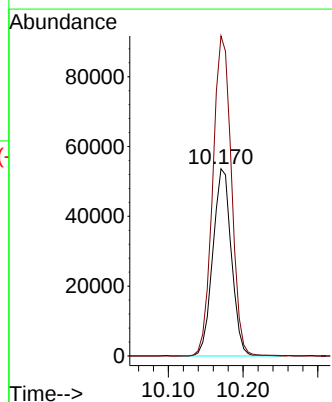
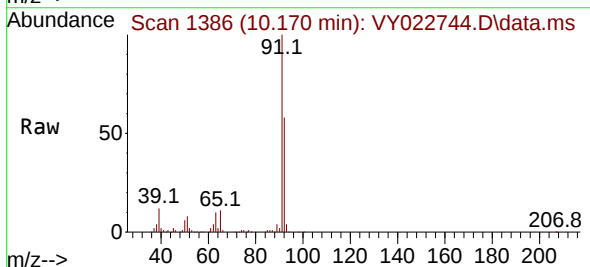
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

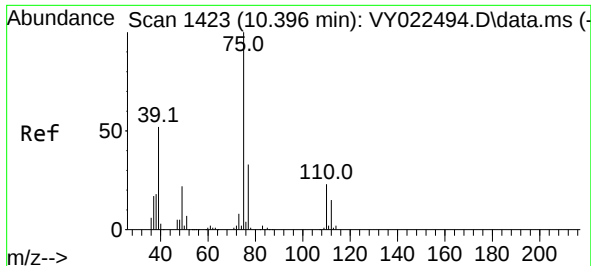
Tgt Ion: 43 Resp: 103086
Ion Ratio Lower Upper
43 100
58 39.1 30.4 45.6



#52
Toluene
Concen: 21.122 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion: 92 Resp: 92504
Ion Ratio Lower Upper
92 100
91 171.8 139.0 208.4

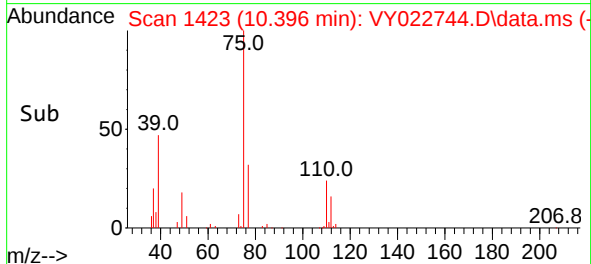
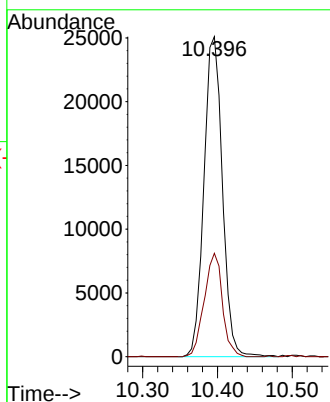
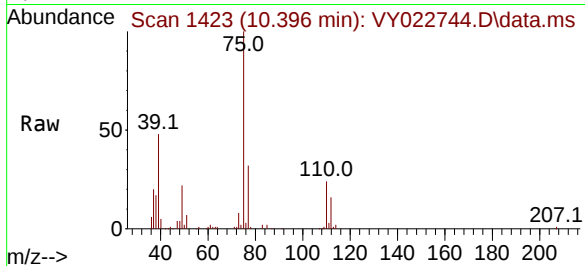




#53
t-1,3-Dichloropropene
Concen: 19.515 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

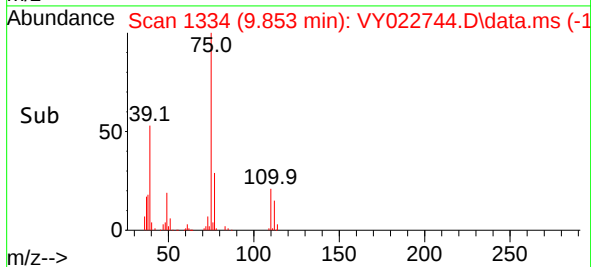
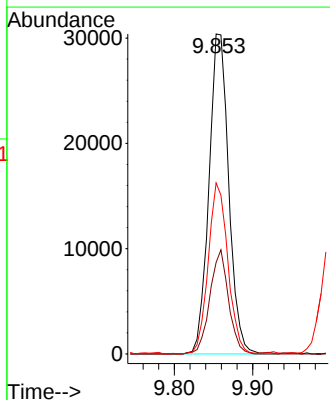
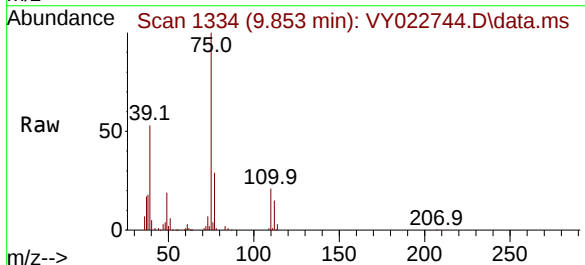
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

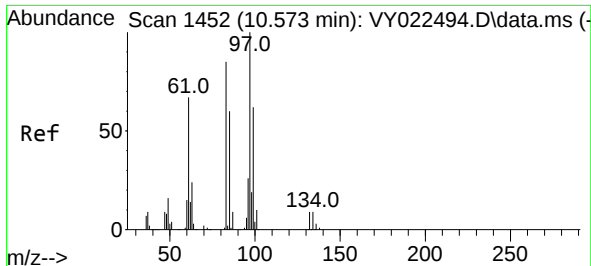
Tgt Ion: 75 Resp: 42958
Ion Ratio Lower Upper
75 100
77 32.3 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 20.836 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion: 75 Resp: 53391
Ion Ratio Lower Upper
75 100
77 28.6 25.3 37.9
39 53.5 42.7 64.1

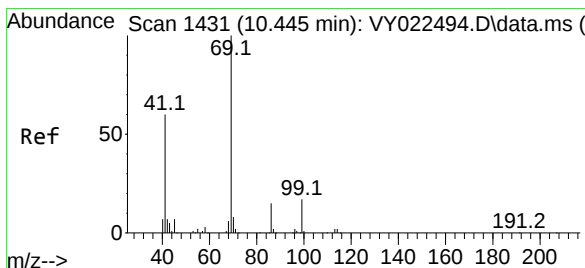
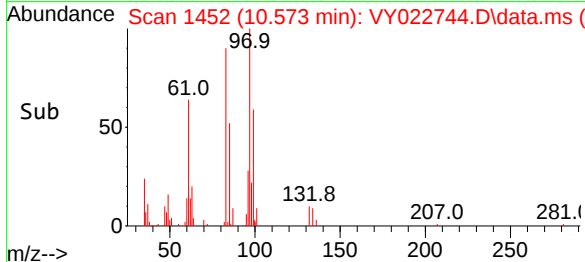
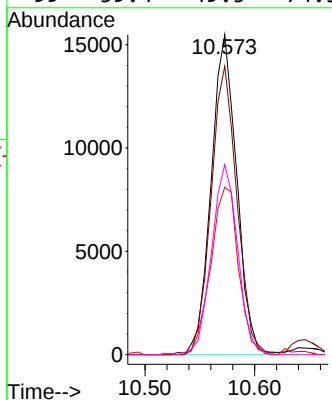
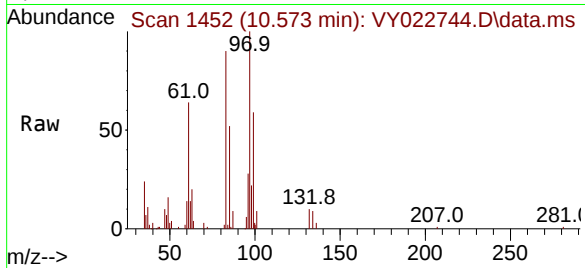




#55
1,1,2-Trichloroethane
Concen: 21.209 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

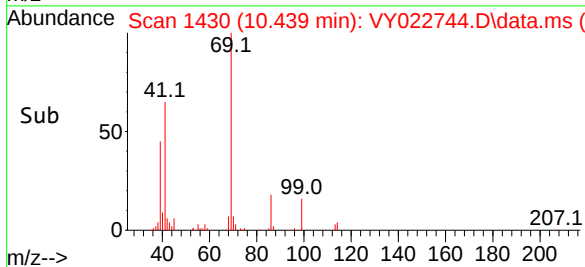
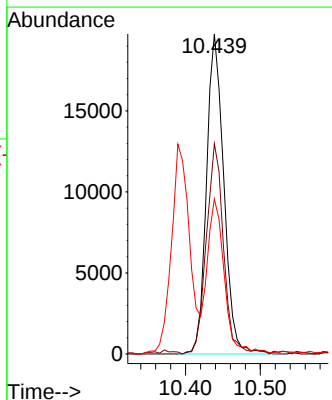
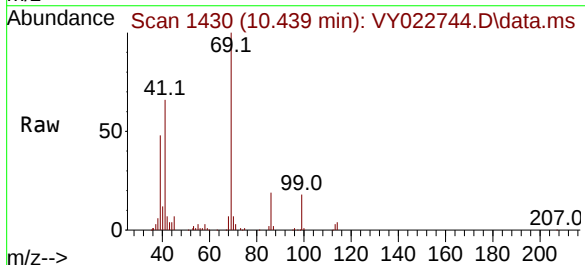
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 97	Resp: 25058
Ion Ratio	Lower Upper
97 100	
83 89.5	68.1 102.1
85 52.3	48.2 72.2
99 59.4	49.5 74.3



#56
Ethyl methacrylate
Concen: 18.602 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion: 69	Resp: 31765
Ion Ratio	Lower Upper
69 100	
41 64.7	52.2 78.2
39 46.2	36.7 55.1





#57

1,3-Dichloropropane

Concen: 20.676 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

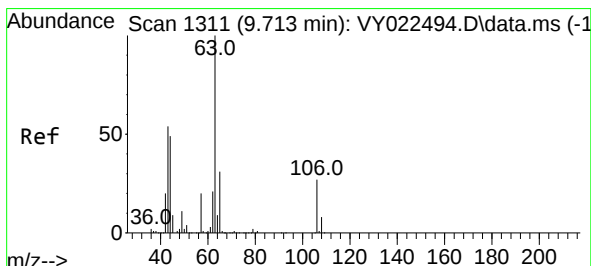
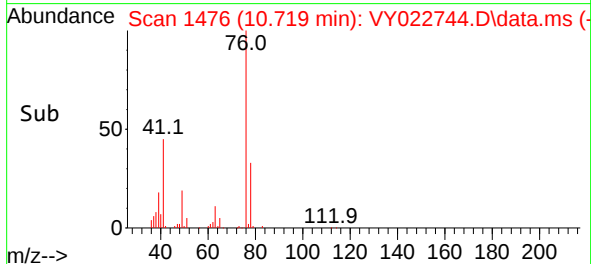
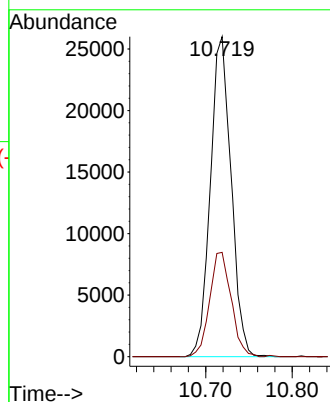
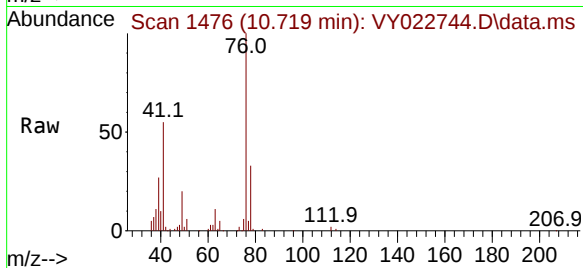
VY0619SBS01

Tgt Ion: 76 Resp: 43297

Ion Ratio Lower Upper

76 100

78 33.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.035 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022744.D

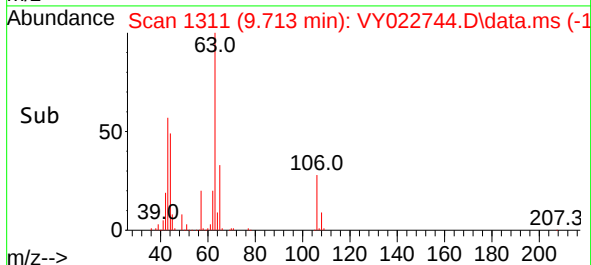
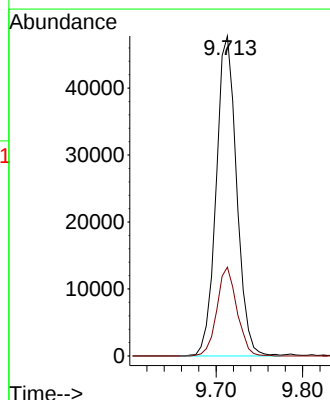
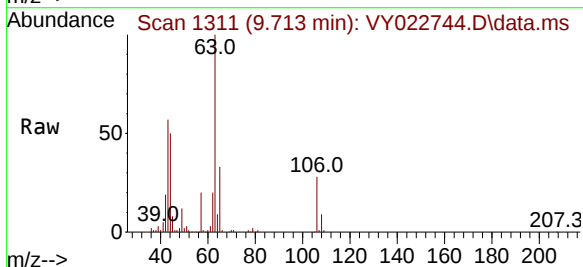
Acq: 19 Jun 2025 10:26

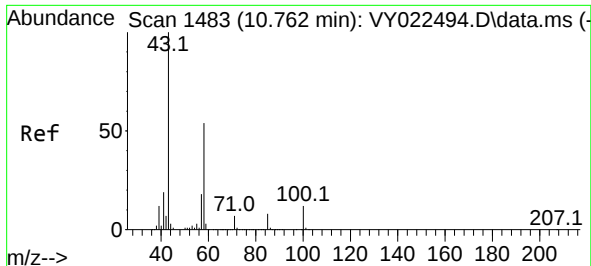
Tgt Ion: 63 Resp: 78333

Ion Ratio Lower Upper

63 100

106 27.1 21.6 32.4

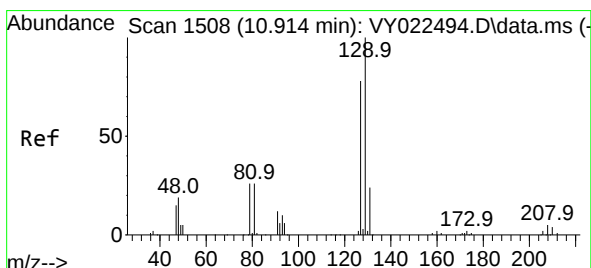
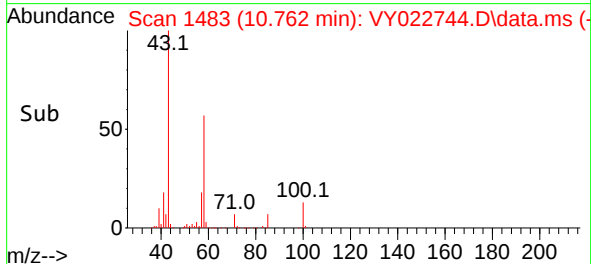
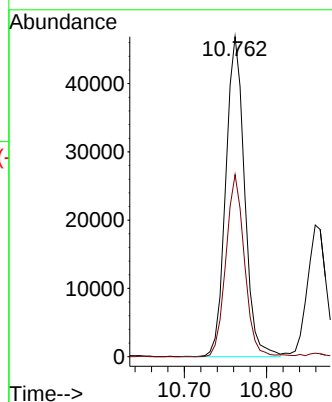
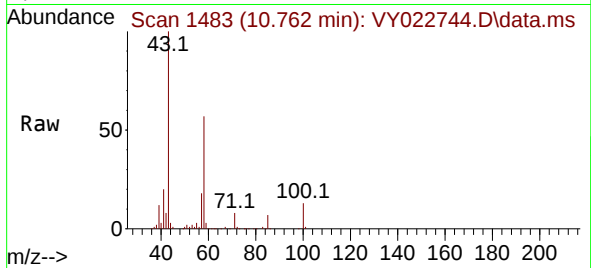




#59
2-Hexanone
Concen: 98.575 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

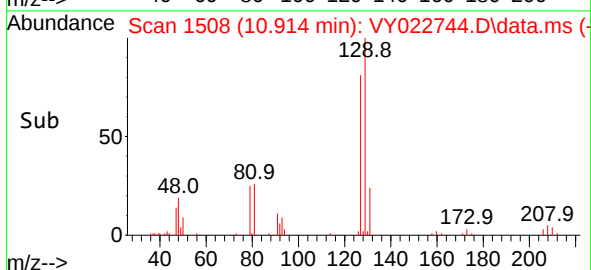
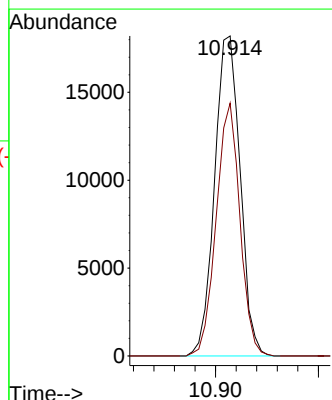
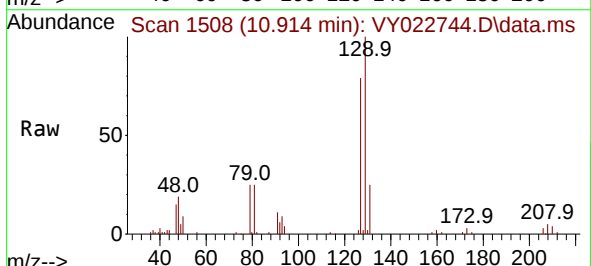
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

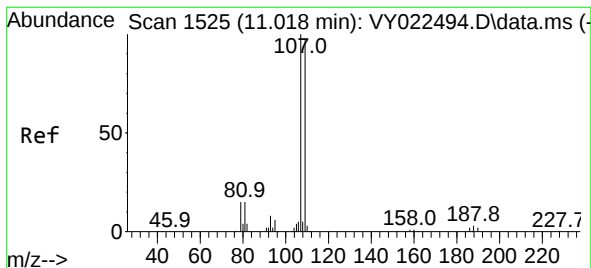
Tgt Ion: 43 Resp: 74693
Ion Ratio Lower Upper
43 100
58 56.4 27.3 81.8



#60
Dibromochloromethane
Concen: 20.920 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion: 129 Resp: 31411
Ion Ratio Lower Upper
129 100
127 73.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.271 ug/l

RT: 11.012 min Scan# 1525

Delta R.T. -0.006 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

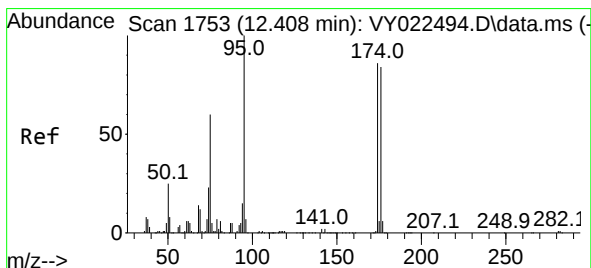
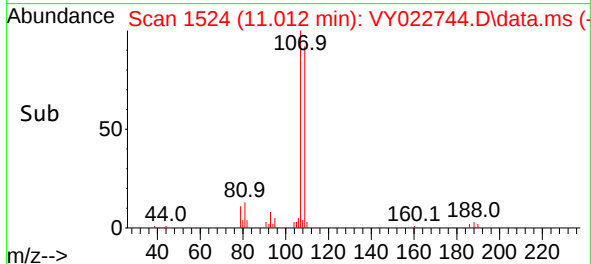
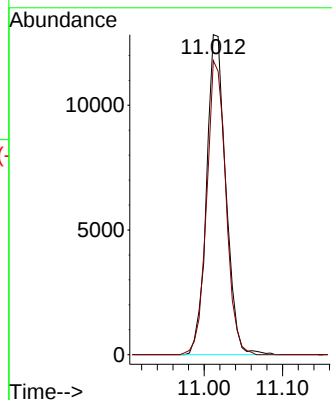
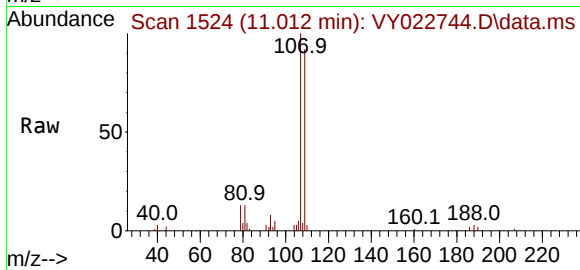
VY0619SBS01

Tgt Ion:107 Resp: 21829

Ion Ratio Lower Upper

107 100

109 92.1 77.7 116.5



#62

4-Bromofluorobenzene

Concen: 47.921 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

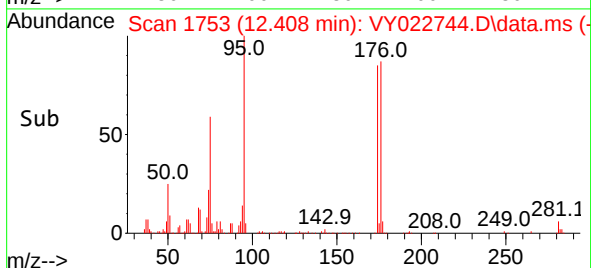
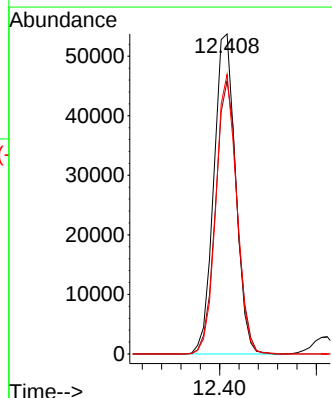
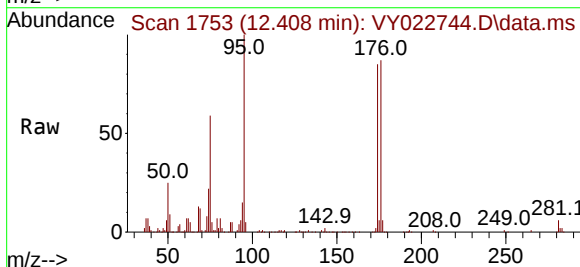
Tgt Ion: 95 Resp: 83870

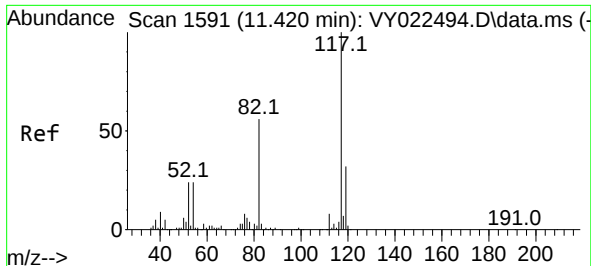
Ion Ratio Lower Upper

95 100

174 84.5 0.0 170.0

176 83.4 0.0 166.2

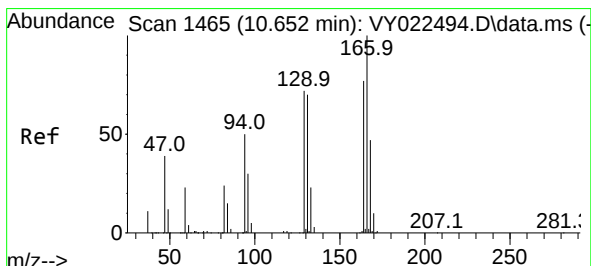
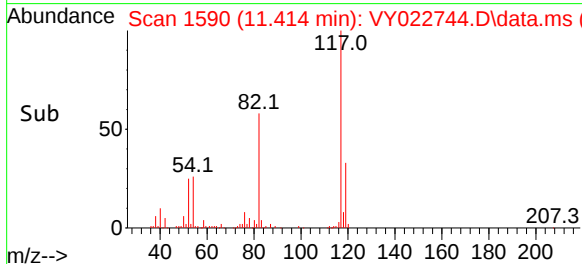
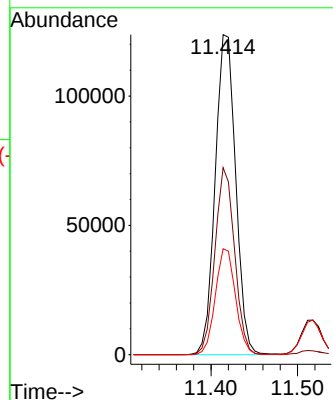
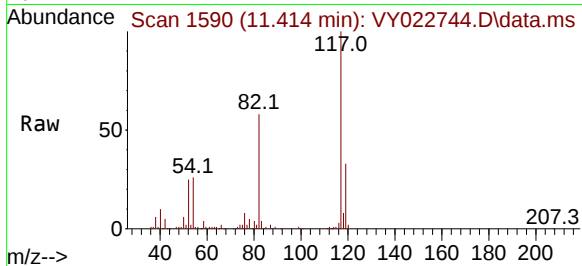




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

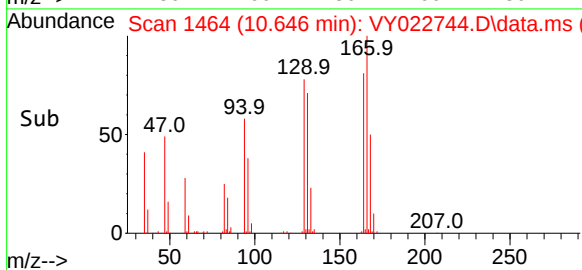
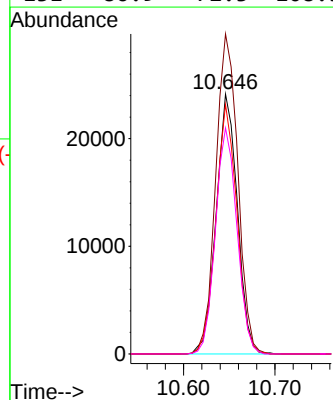
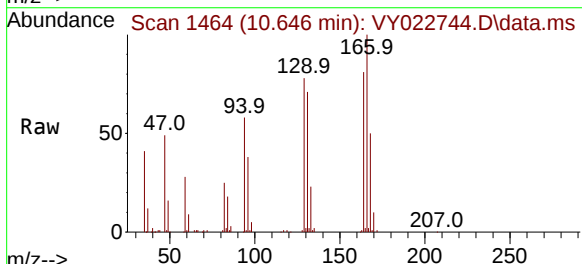
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion:117 Resp: 203825
Ion Ratio Lower Upper
117 100
82 58.5 44.6 66.8
119 33.1 25.4 38.0



#64
Tetrachloroethene
Concen: 22.227 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion:164 Resp: 38972
Ion Ratio Lower Upper
164 100
166 123.2 104.0 156.0
129 96.0 74.5 111.7
131 86.9 72.3 108.5





#65

Chlorobenzene

Concen: 20.844 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

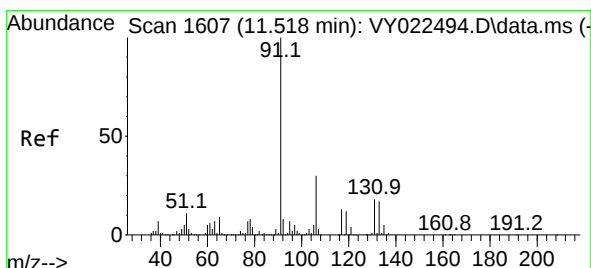
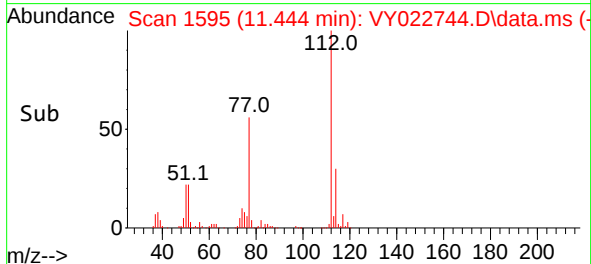
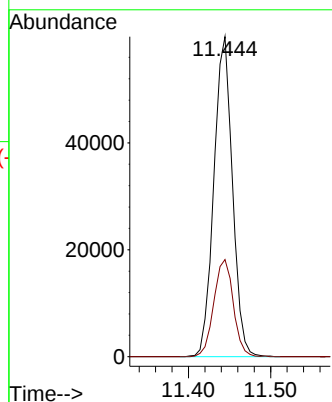
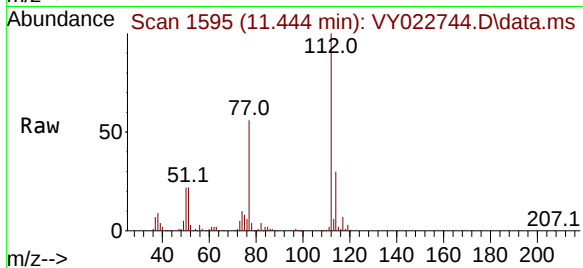
VY0619SBS01

Tgt Ion:112 Resp: 94016

Ion Ratio Lower Upper

112 100

114 30.4 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 21.246 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

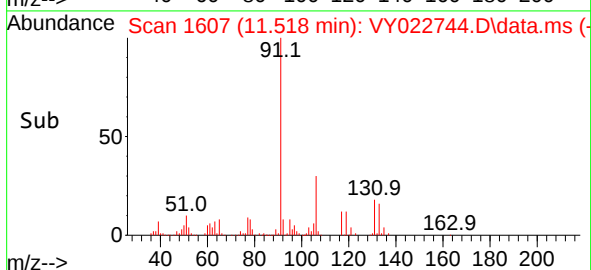
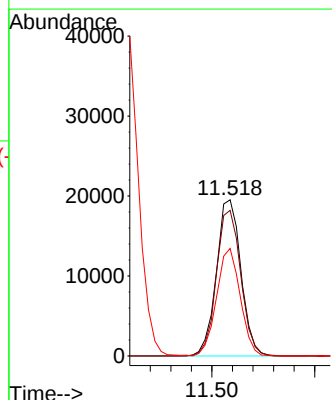
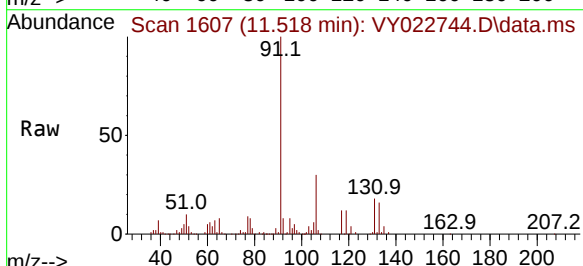
Tgt Ion:131 Resp: 32282

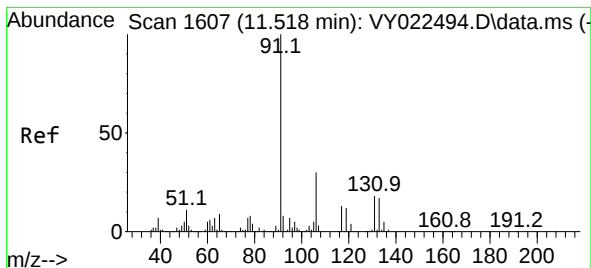
Ion Ratio Lower Upper

131 100

133 93.0 47.3 141.8

119 66.4 33.1 99.3





#67

Ethyl Benzene

Concen: 20.620 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

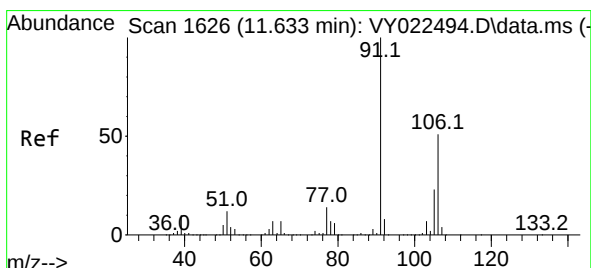
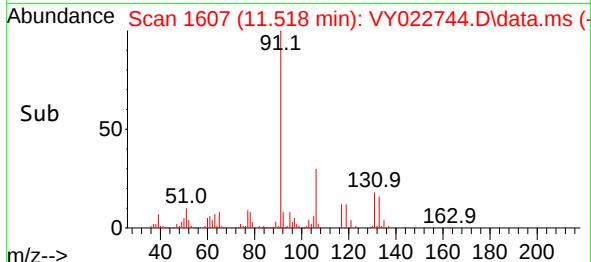
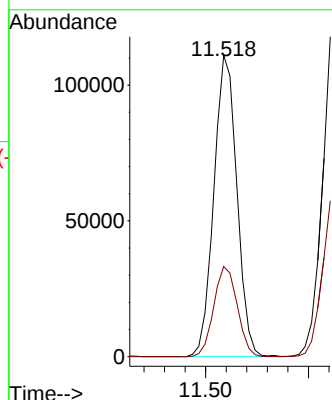
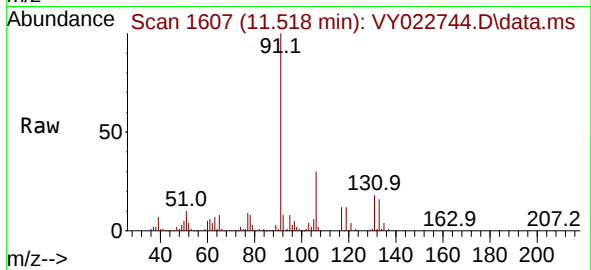
VY0619SBS01

Tgt Ion: 91 Resp: 172504

Ion Ratio Lower Upper

91 100

106 29.9 24.2 36.4



#68

m/p-Xylenes

Concen: 40.497 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022744.D

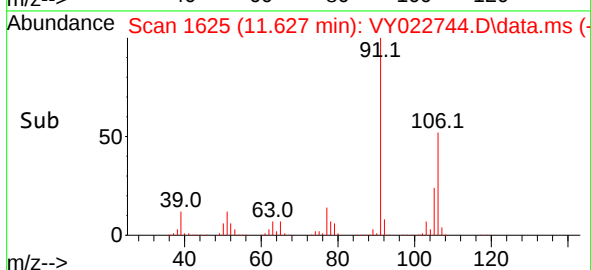
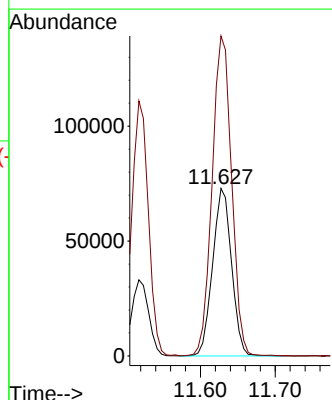
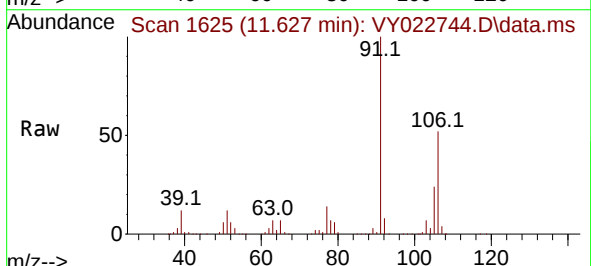
Acq: 19 Jun 2025 10:26

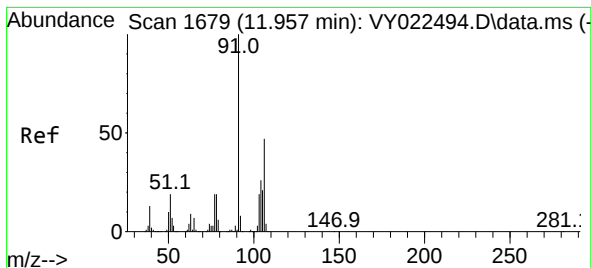
Tgt Ion:106 Resp: 128433

Ion Ratio Lower Upper

106 100

91 197.2 159.4 239.0

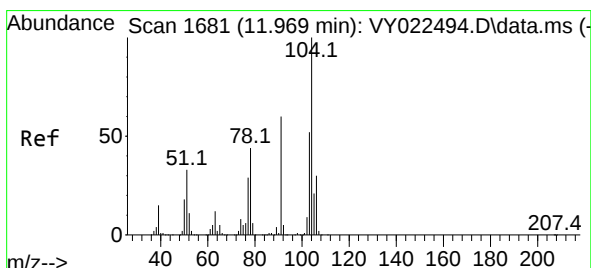
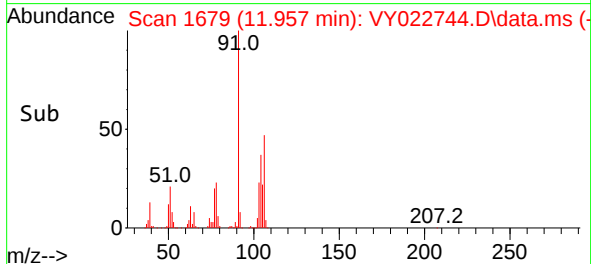
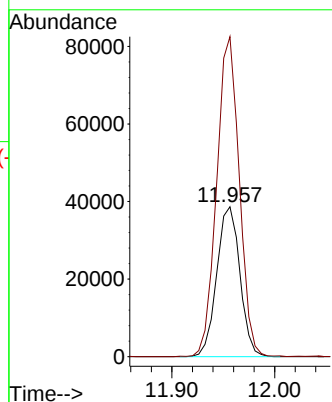
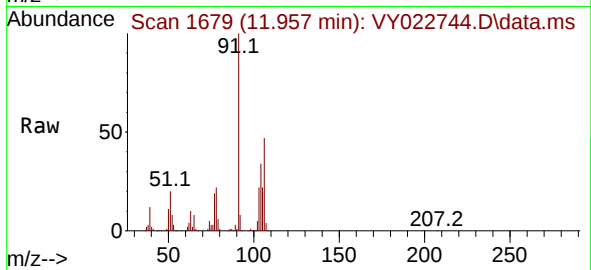




#69
o-Xylene
Concen: 20.305 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

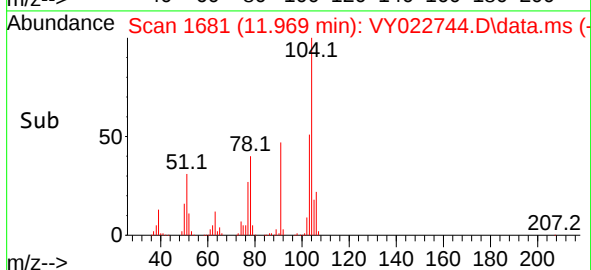
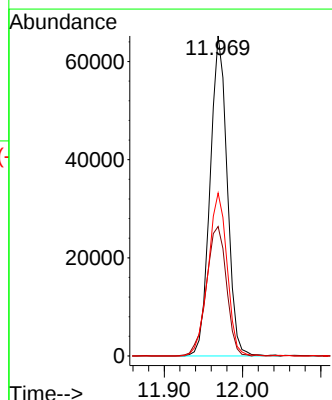
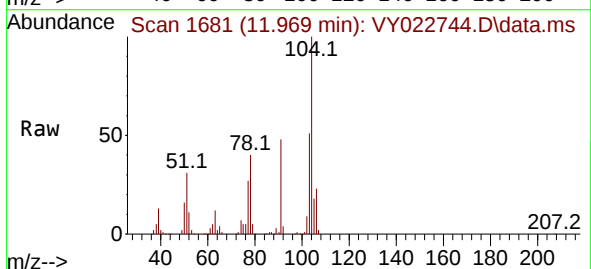
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion:106 Resp: 60376
Ion Ratio Lower Upper
106 100
91 208.9 105.8 317.3



#70
Styrene
Concen: 20.156 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion:104 Resp: 99066
Ion Ratio Lower Upper
104 100
78 47.3 39.5 59.3
103 56.3 44.1 66.1





#71

Bromoform

Concen: 19.093 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

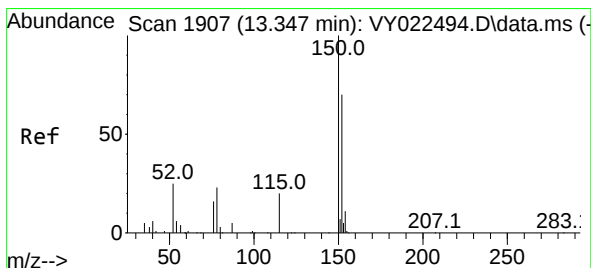
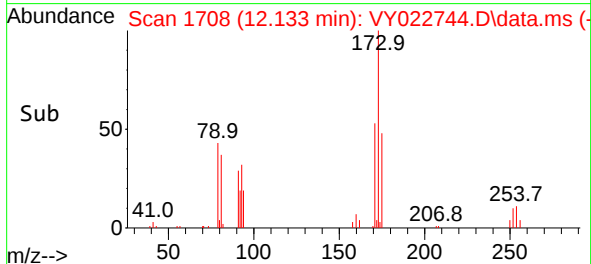
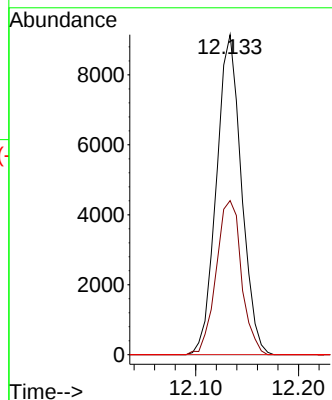
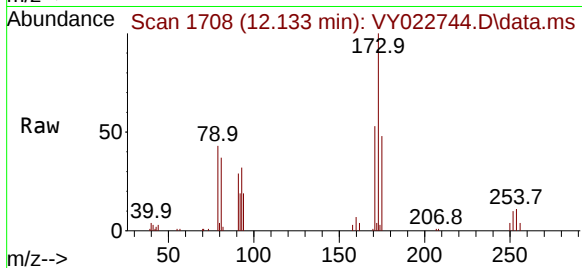
Tgt Ion:173 Resp: 15438

Ion Ratio Lower Upper

173 100

175 48.8 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

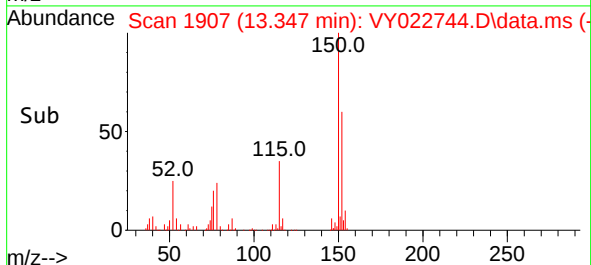
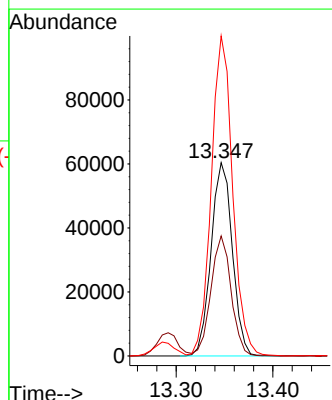
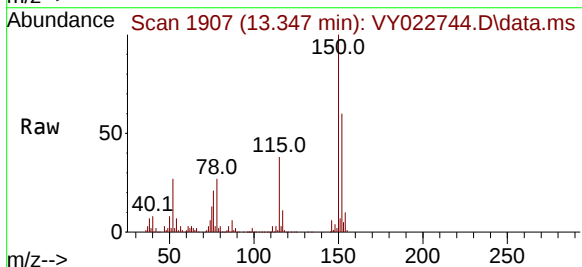
Tgt Ion:152 Resp: 92139

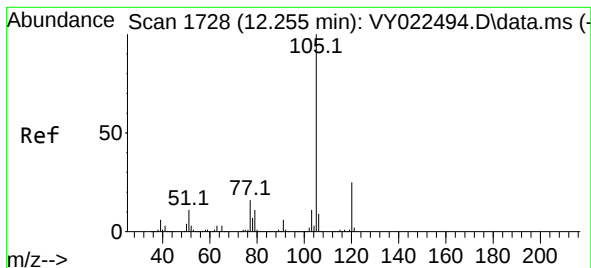
Ion Ratio Lower Upper

152 100

115 59.1 28.9 86.7

150 166.3 0.0 349.6





#73

Isopropylbenzene

Concen: 20.715 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

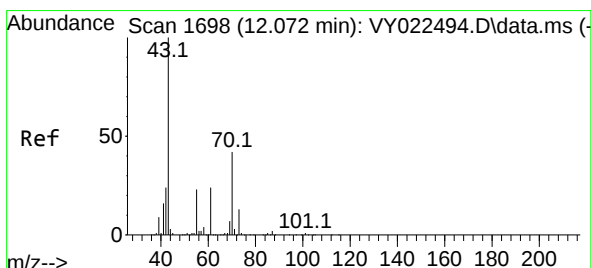
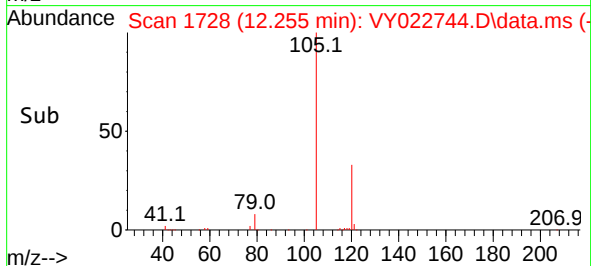
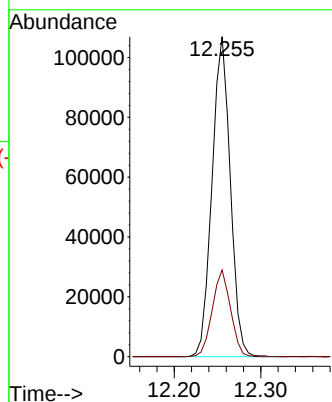
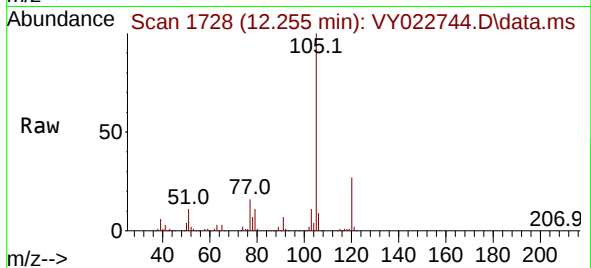
VY0619SBS01

Tgt Ion:105 Resp: 156699

Ion Ratio Lower Upper

105 100

120 27.0 13.0 38.9



#74

N-ethyl acetate

Concen: 17.918 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Tgt Ion: 43 Resp: 34200

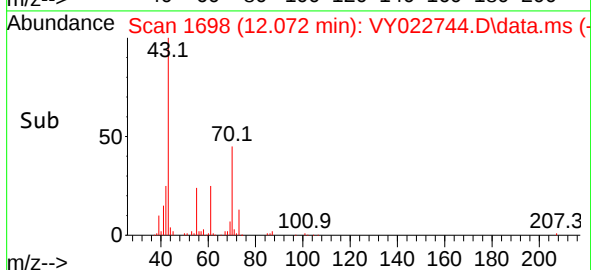
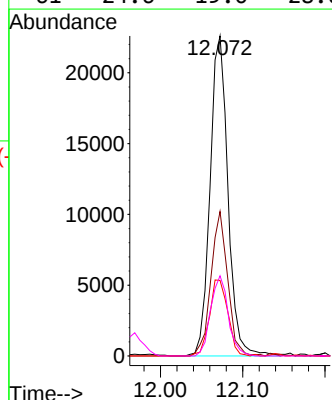
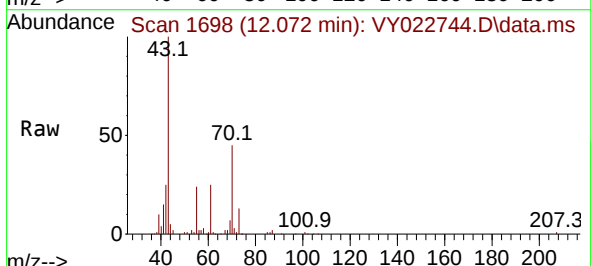
Ion Ratio Lower Upper

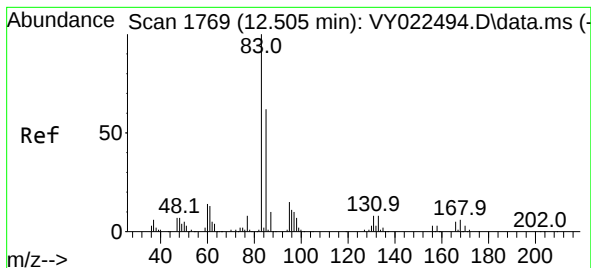
43 100

70 42.2 34.2 51.2

55 24.3 18.2 27.4

61 24.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.628 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

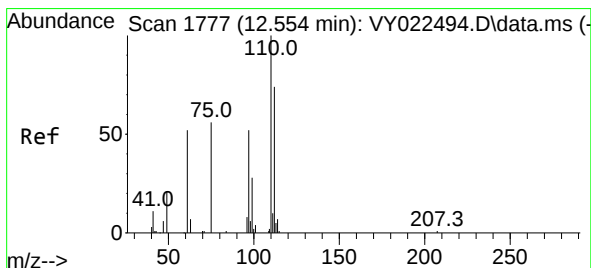
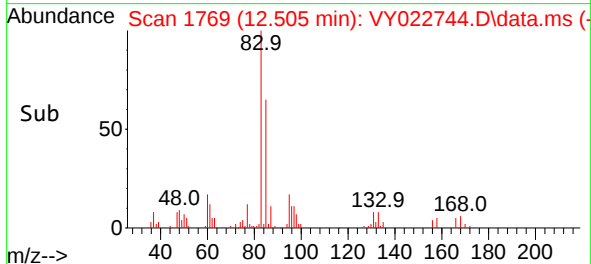
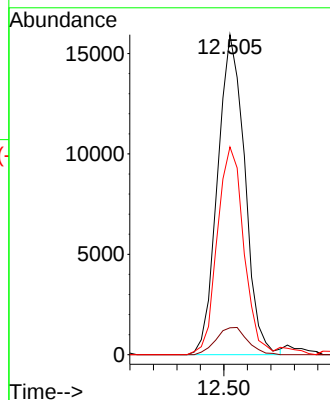
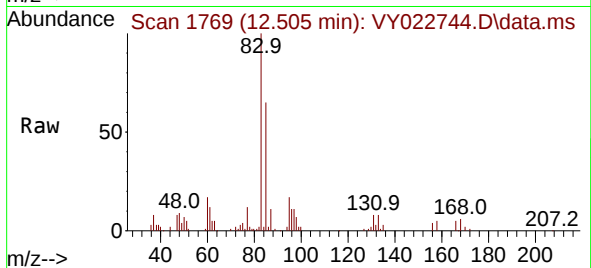
Tgt Ion: 83 Resp: 25611

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

85 63.3 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 32.449 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022744.D

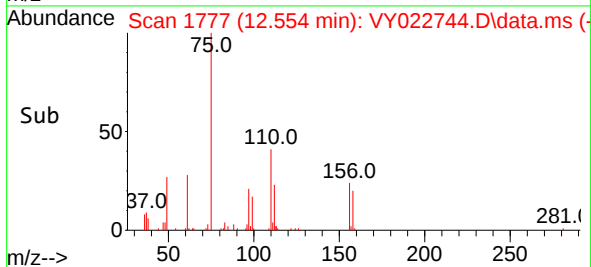
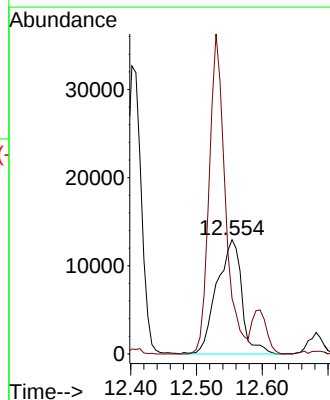
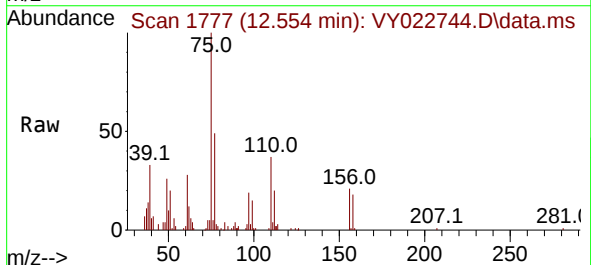
Acq: 19 Jun 2025 10:26

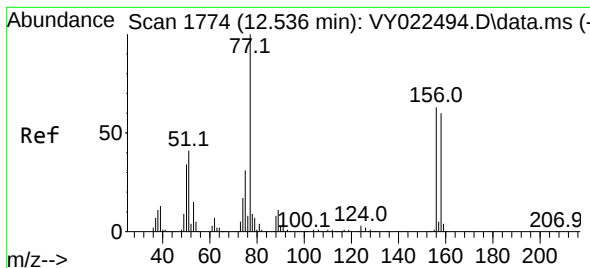
Tgt Ion: 75 Resp: 34205

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.000 ug/l

RT: 12.536 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

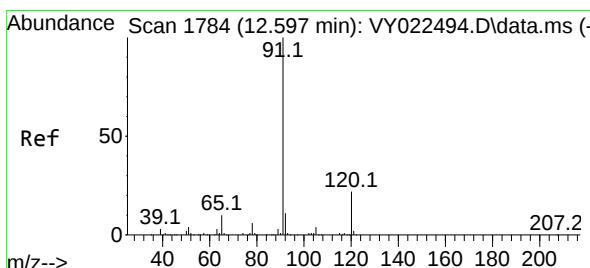
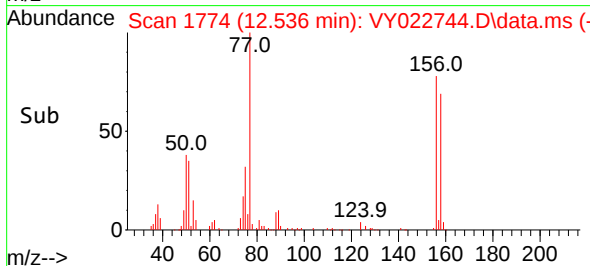
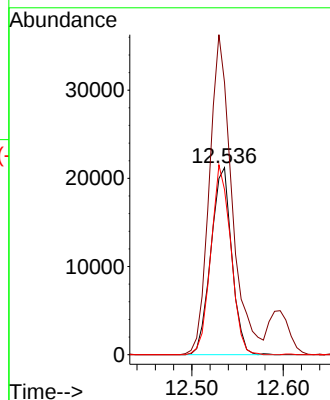
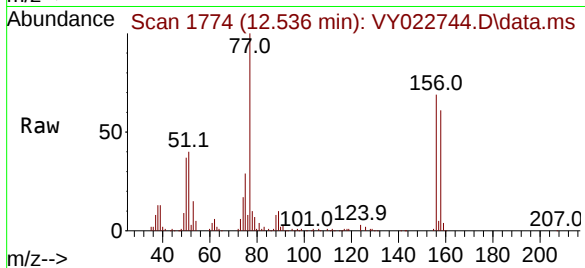
Tgt Ion:156 Resp: 33522

Ion Ratio Lower Upper

156 100

77 186.1 94.0 282.1

158 97.3 48.2 144.6



#78

n-propylbenzene

Concen: 20.904 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY022744.D

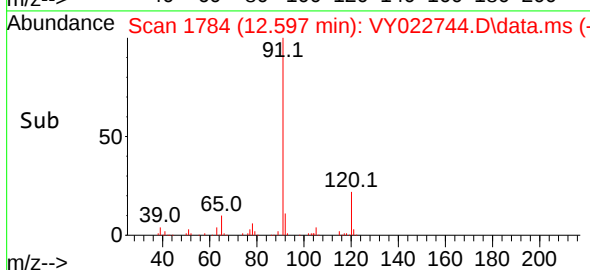
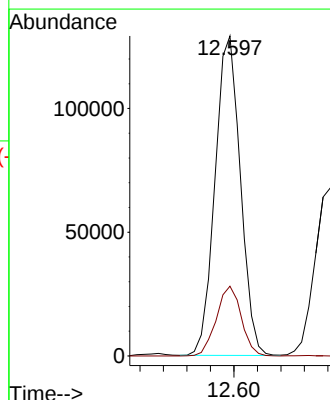
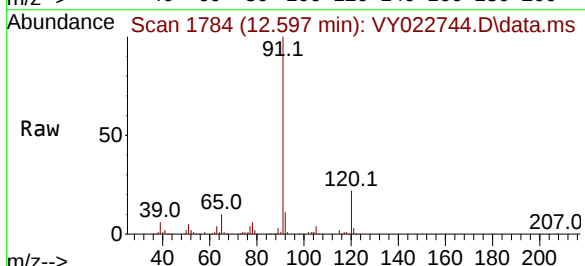
Acq: 19 Jun 2025 10:26

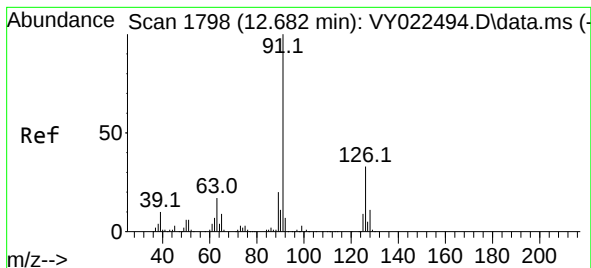
Tgt Ion: 91 Resp: 193141

Ion Ratio Lower Upper

91 100

120 21.5 10.8 32.4

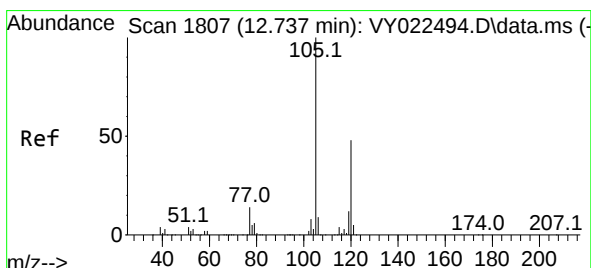
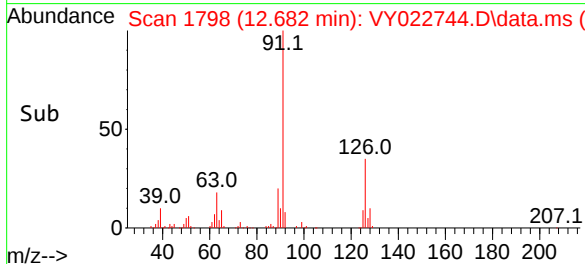
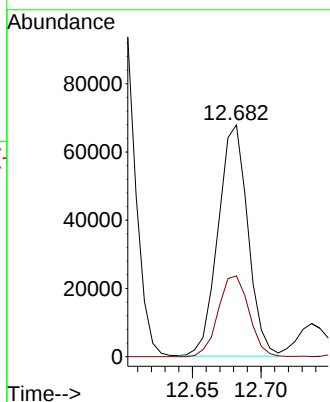
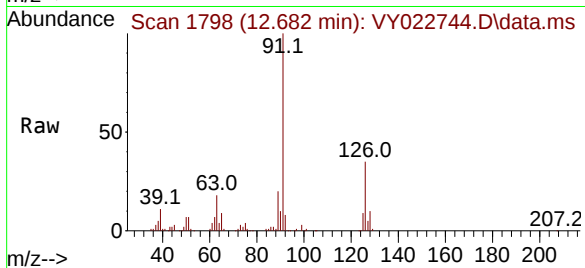




#79
2-Chlorotoluene
Concen: 20.941 ug/l
RT: 12.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

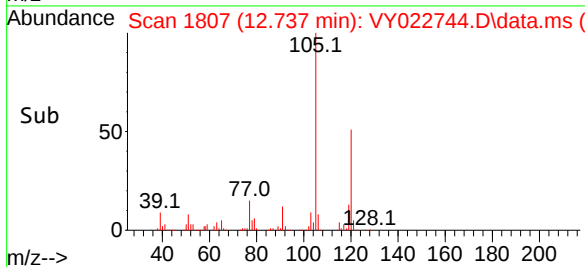
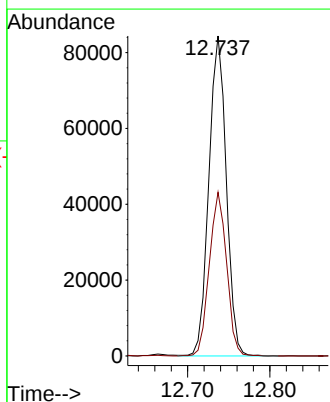
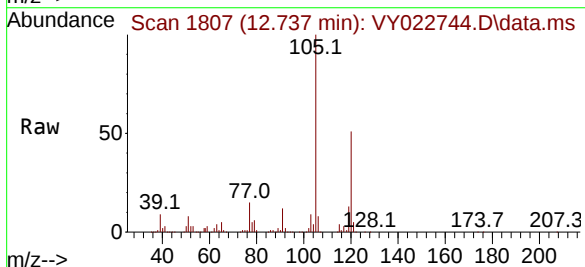
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

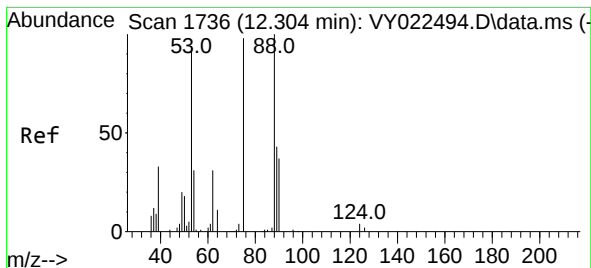
Tgt Ion: 91 Resp: 102546
Ion Ratio Lower Upper
91 100
126 36.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.920 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion:105 Resp: 124242
Ion Ratio Lower Upper
105 100
120 50.8 24.1 72.4

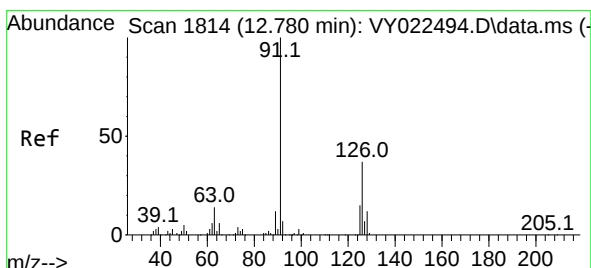
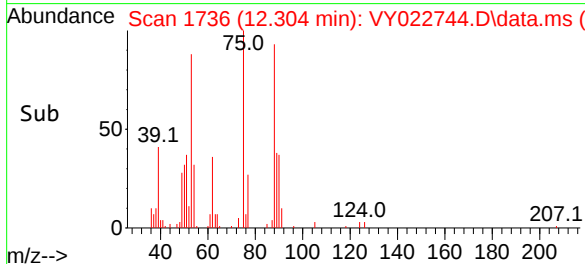
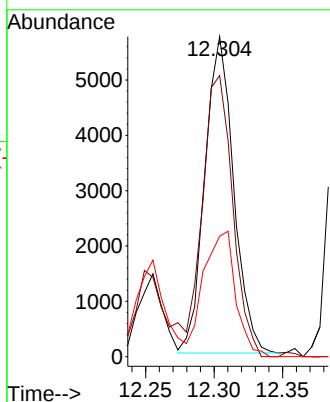
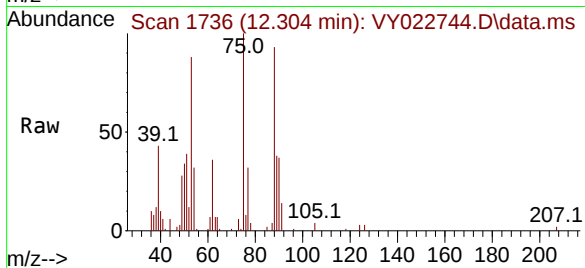




#81
trans-1,4-Dichloro-2-butene
Concen: 19.198 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

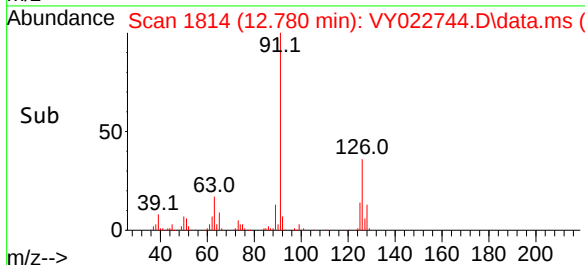
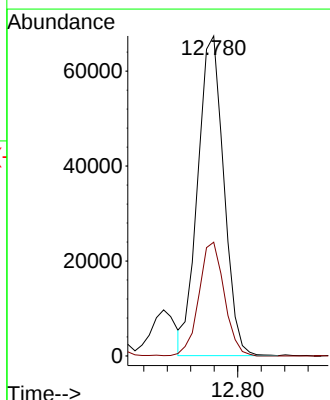
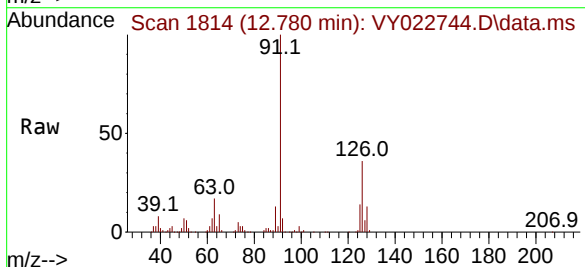
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

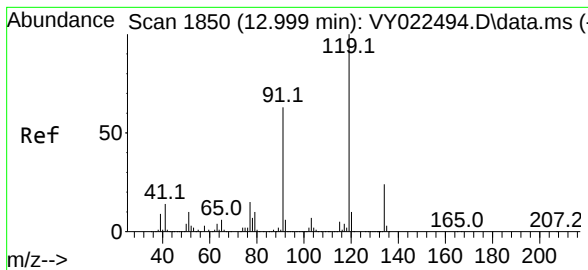
Tgt Ion: 75 Resp: 8380
Ion Ratio Lower Upper
75 100
53 91.7 78.5 117.7
89 43.9 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.512 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion: 91 Resp: 103617
Ion Ratio Lower Upper
91 100
126 34.7 17.0 50.9

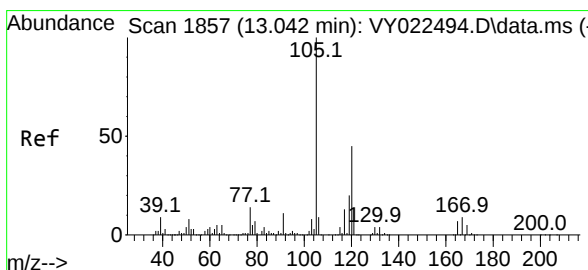
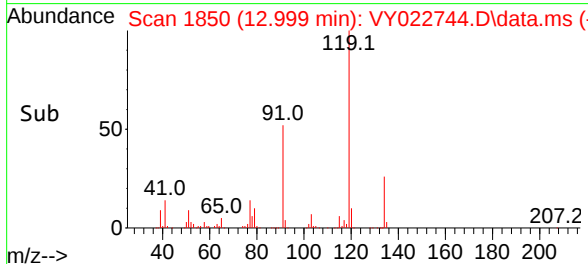
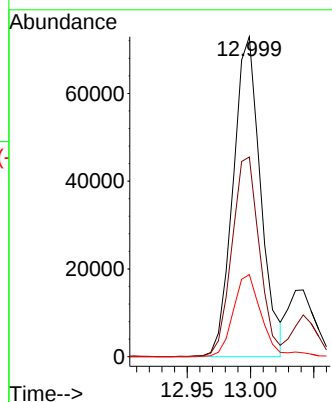
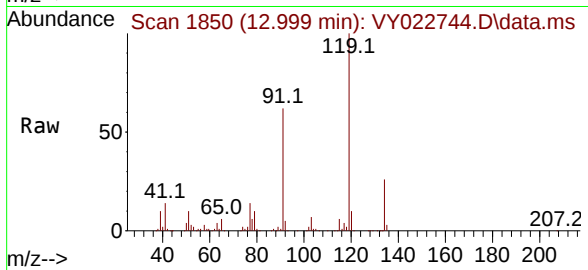




#83
tert-Butylbenzene
Concen: 20.769 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

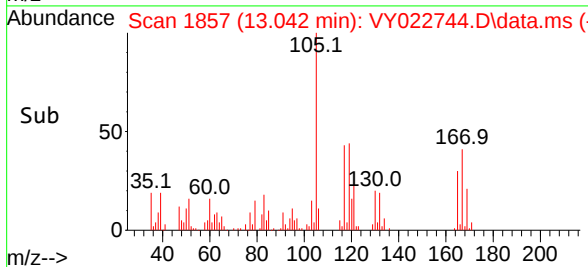
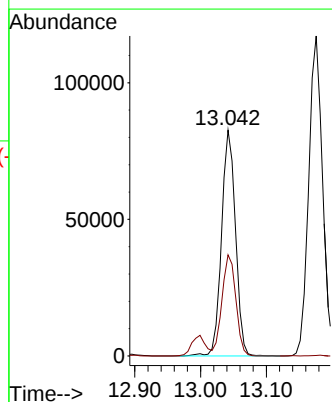
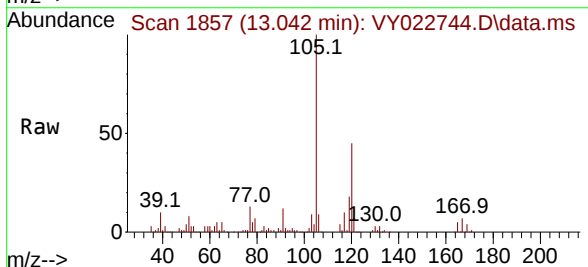
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

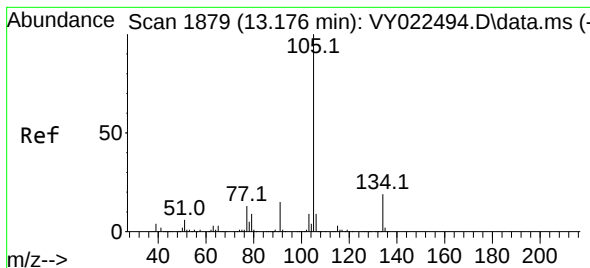
Tgt Ion:119 Resp: 110702
Ion Ratio Lower Upper
119 100
91 62.6 32.1 96.3
134 26.6 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 20.547 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion:105 Resp: 122046
Ion Ratio Lower Upper
105 100
120 44.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.914 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

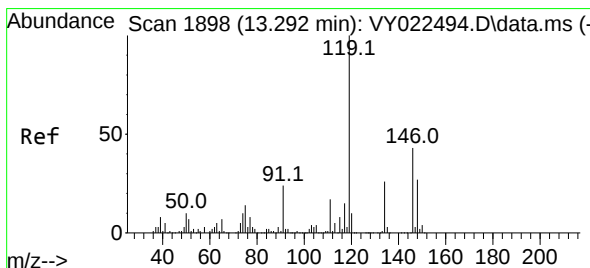
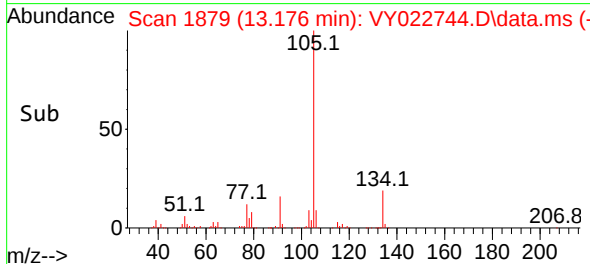
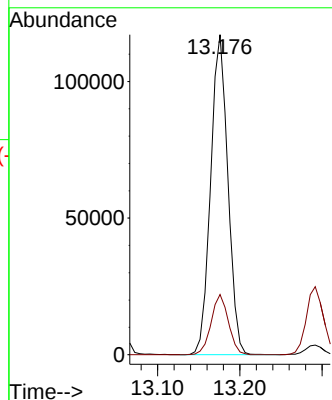
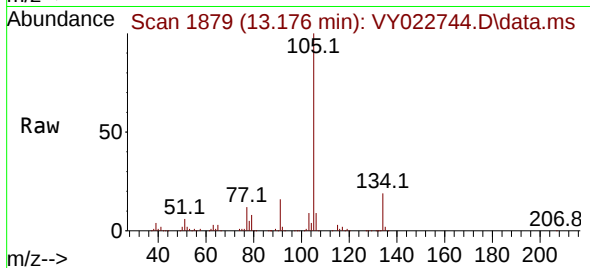
VY0619SBS01

Tgt Ion:105 Resp: 170732

Ion Ratio Lower Upper

105 100

134 18.8 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.206 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

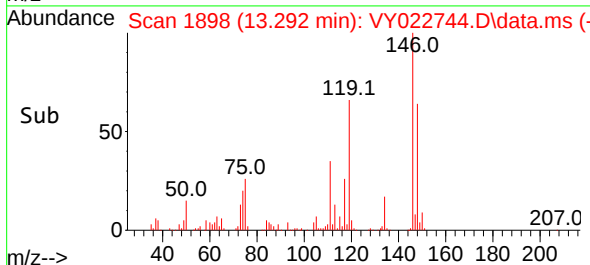
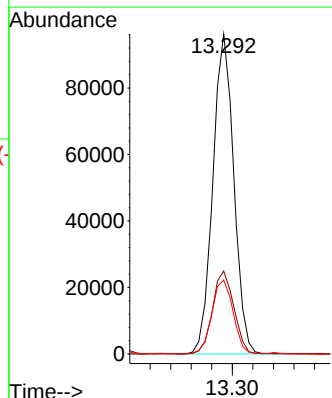
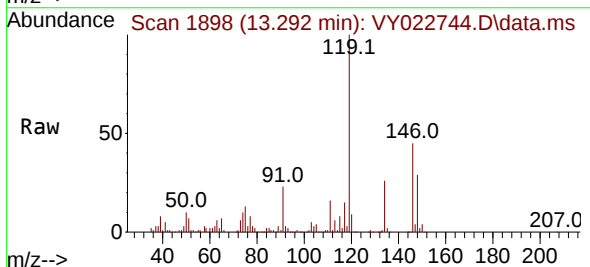
Tgt Ion:119 Resp: 135968

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 23.4 11.6 34.8

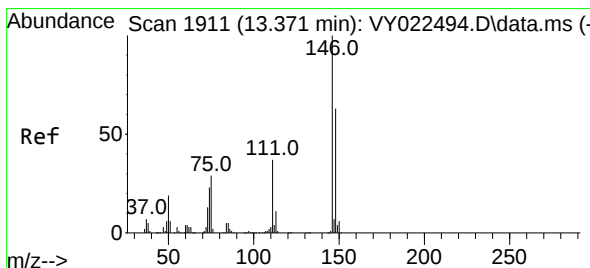
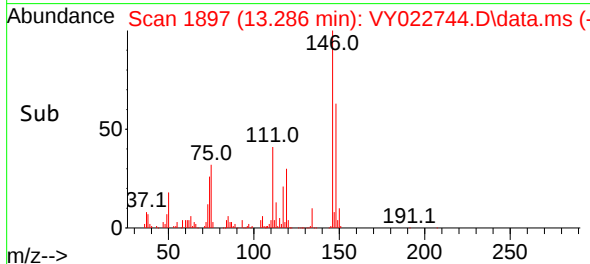
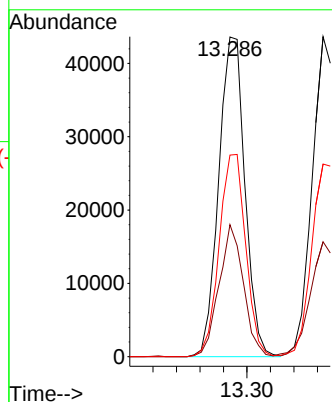
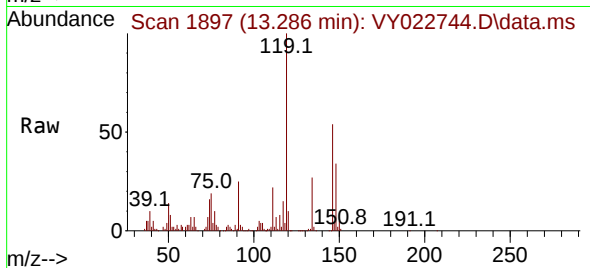




#87
1,3-Dichlorobenzene
Concen: 20.910 ug/l
RT: 13.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

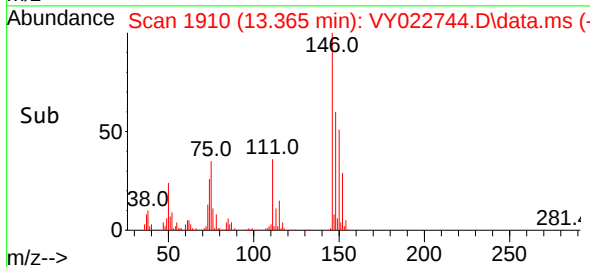
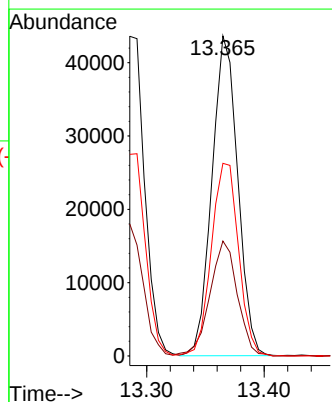
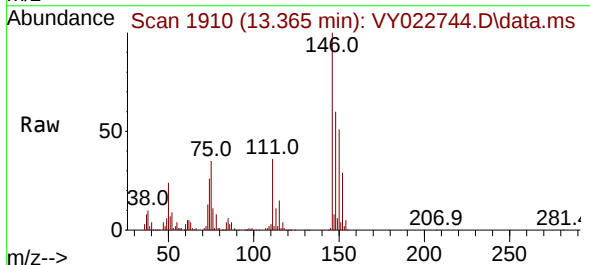
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

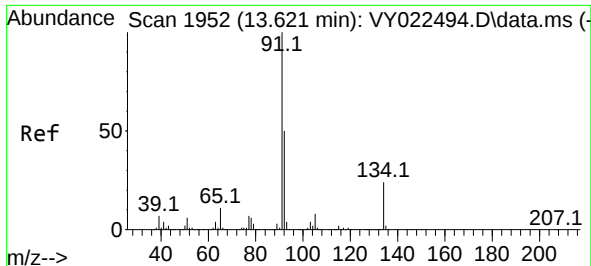
Tgt Ion:146 Resp: 67629
Ion Ratio Lower Upper
146 100
111 38.4 20.1 60.2
148 63.9 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 21.265 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022744.D
Acq: 19 Jun 2025 10:26

Tgt Ion:146 Resp: 66707
Ion Ratio Lower Upper
146 100
111 38.2 19.4 58.2
148 63.6 31.6 94.8





#89

n-Butylbenzene

Concen: 20.595 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

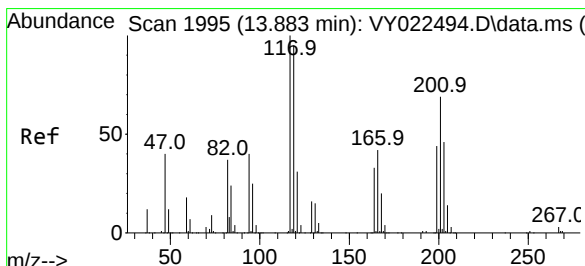
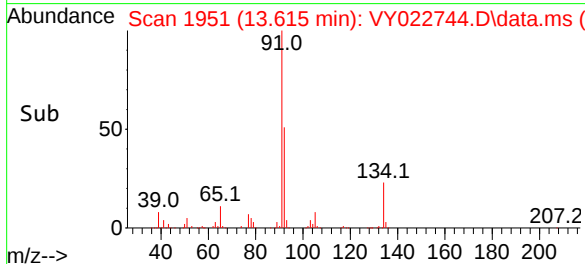
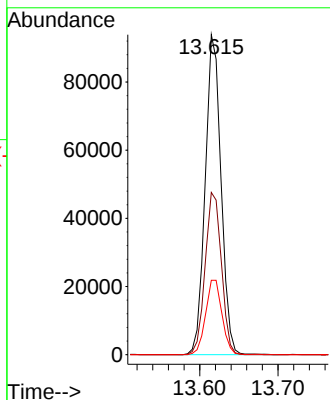
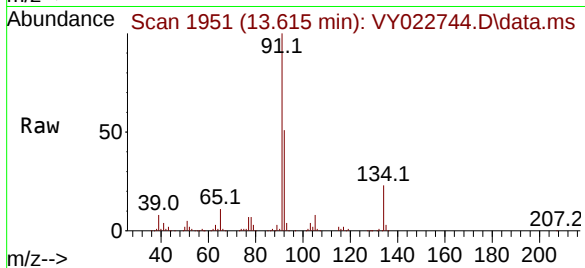
Tgt Ion: 91 Resp: 131483

Ion Ratio Lower Upper

91 100

92 52.0 25.9 77.8

134 24.1 12.0 36.1



#90

Hexachloroethane

Concen: 21.207 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022744.D

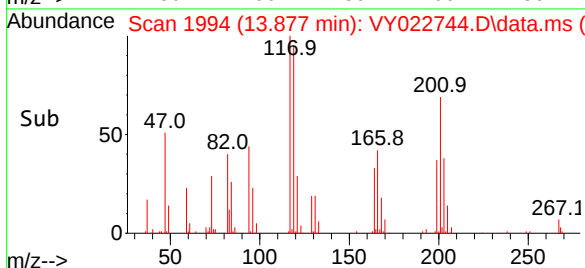
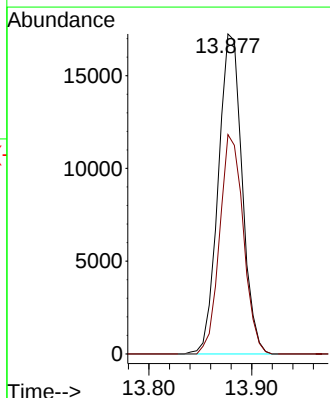
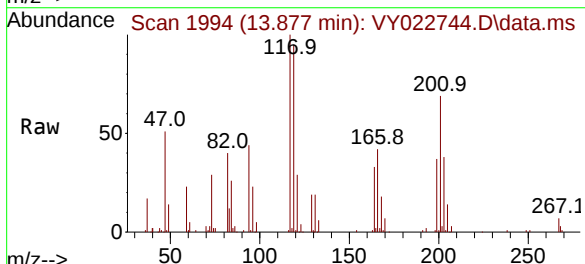
Acq: 19 Jun 2025 10:26

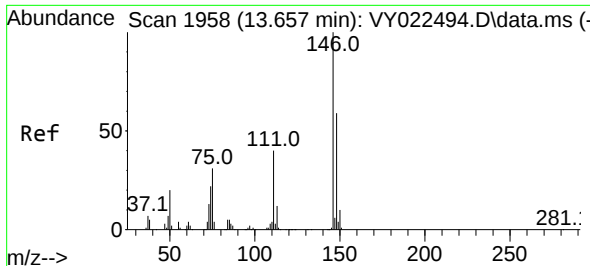
Tgt Ion: 117 Resp: 27782

Ion Ratio Lower Upper

117 100

201 68.0 34.0 102.0

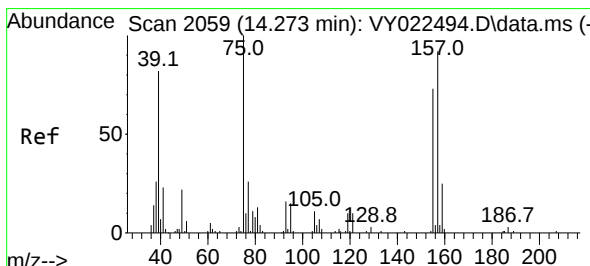
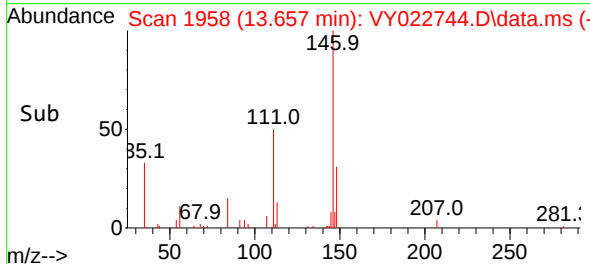
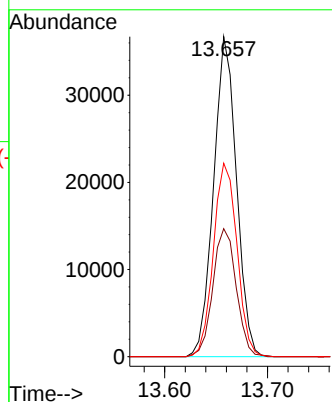
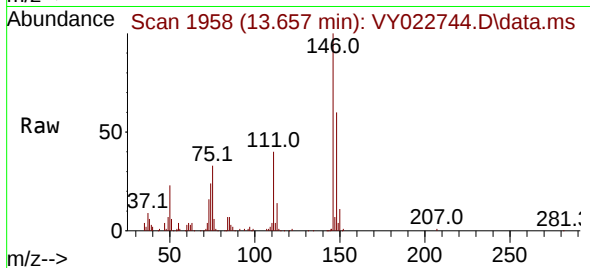




#91
 1,2-Dichlorobenzene
 Concen: 20.665 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022744.D
 Acq: 19 Jun 2025 10:26

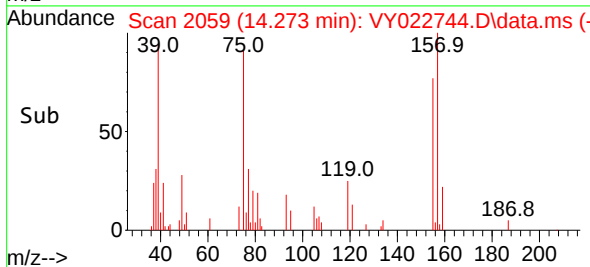
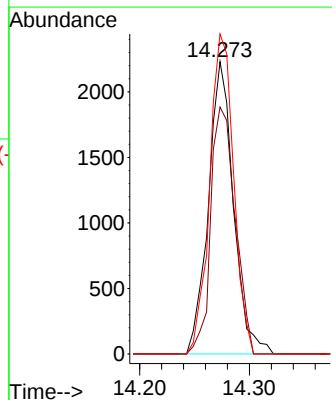
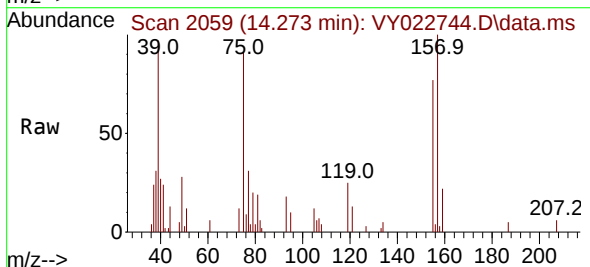
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

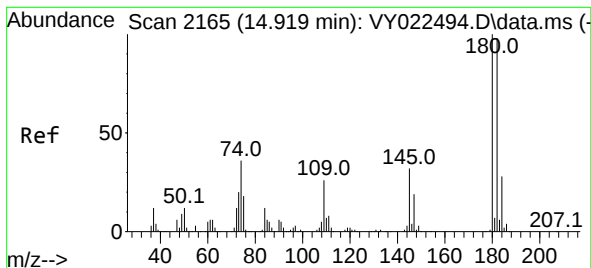
Tgt Ion:	146	Resp:	56747
Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.2	60.6
148	62.3	31.4	94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.656 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY022744.D
 Acq: 19 Jun 2025 10:26

Tgt Ion:	75	Resp:	3553
Ion	Ratio	Lower	Upper
75	100		
155	81.9	39.9	119.6
157	104.4	54.0	162.0





#93

1,2,4-Trichlorobenzene

Concen: 20.411 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

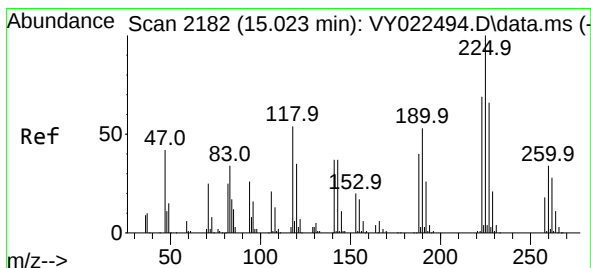
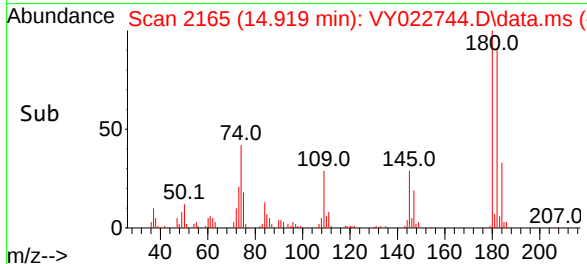
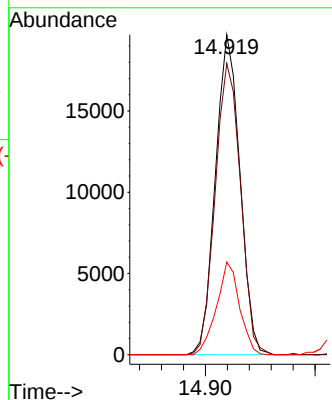
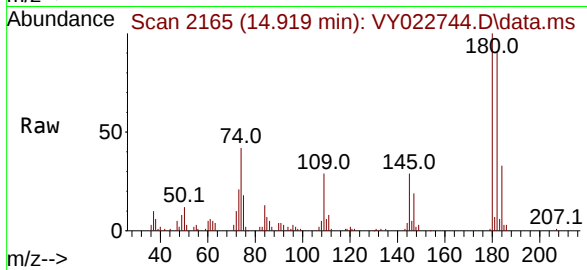
Tgt Ion:180 Resp: 30569

Ion Ratio Lower Upper

180 100

182 94.0 48.4 145.3

145 27.2 15.5 46.5



#94

Hexachlorobutadiene

Concen: 20.691 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

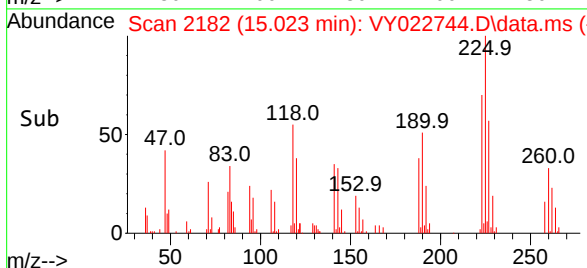
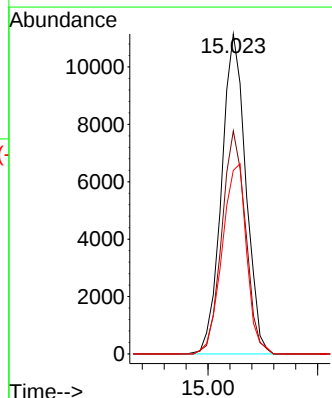
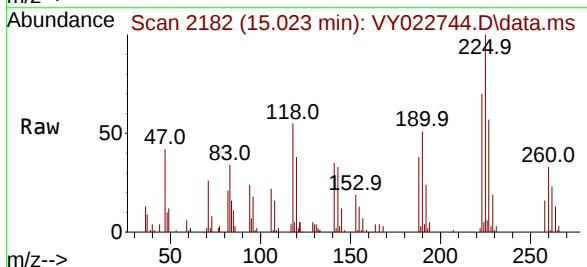
Tgt Ion:225 Resp: 17103

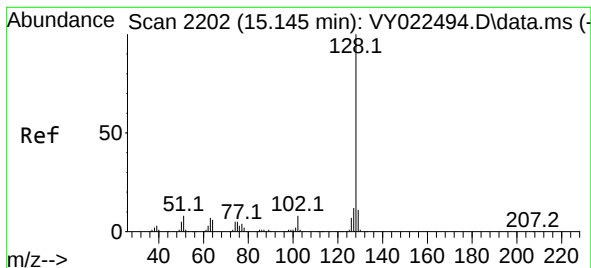
Ion Ratio Lower Upper

225 100

223 67.9 32.5 97.4

227 60.2 32.3 96.9





#95

Naphthalene

Concen: 18.044 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

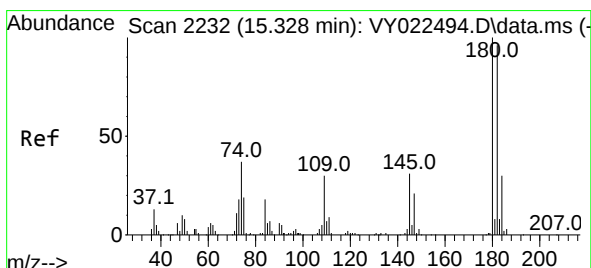
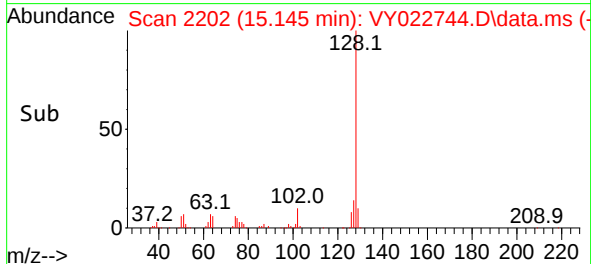
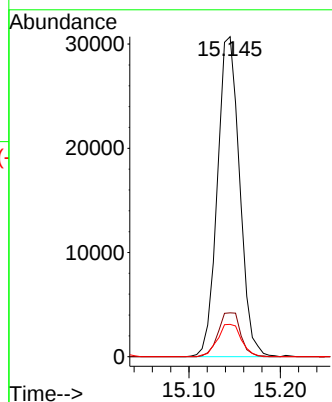
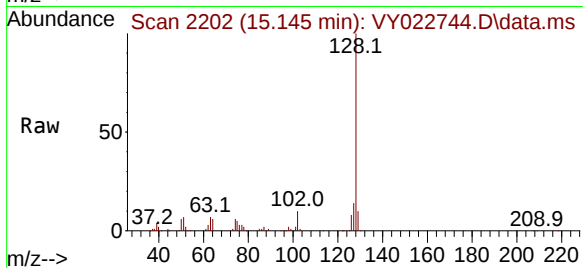
Tgt Ion:128 Resp: 51859

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.492 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022744.D

Acq: 19 Jun 2025 10:26

Tgt Ion:180 Resp: 25018

Ion Ratio Lower Upper

180 100

182 96.9 47.1 141.3

145 32.0 15.2 45.6

