

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052725\
 Data File : VY022431.D
 Acq On : 27 May 2025 13:57
 Operator : SY/MD
 Sample : VY0527SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBSD01

Quant Time: May 28 15:26:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	229882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	395413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	328377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	155135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	129595	53.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.040%	
35) Dibromofluoromethane	7.634	113	124201	53.635	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.280%	
50) Toluene-d8	10.109	98	502760	53.259	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.520%	
62) 4-Bromofluorobenzene	12.401	95	147506	51.658	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	50470	23.012	ug/l	95
3) Chloromethane	2.068	50	107870	19.995	ug/l	99
4) Vinyl Chloride	2.202	62	141902	21.652	ug/l	96
5) Bromomethane	2.592	94	136075	22.848	ug/l	98
6) Chloroethane	2.732	64	98948	23.104	ug/l	100
7) Trichlorofluoromethane	3.049	101	127726	23.098	ug/l	99
8) Diethyl Ether	3.458	74	27711	21.734	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	50636	20.873	ug/l	99
10) Methyl Iodide	4.007	142	54669	19.975	ug/l	100
11) Tert butyl alcohol	4.872	59	17804	104.315	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	50291	20.881	ug/l	96
13) Acrolein	3.647	56	25570	99.987	ug/l	97
14) Allyl chloride	4.378	41	77500	21.391	ug/l	98
15) Acrylonitrile	5.067	53	53669	104.429	ug/l	100
16) Acetone	3.872	43	38015	95.542	ug/l #	88
17) Carbon Disulfide	4.104	76	158468	20.617	ug/l	100
18) Methyl Acetate	4.391	43	33436	22.433	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	134048	20.964	ug/l	93
20) Methylene Chloride	4.610	84	59261	21.091	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	54588	20.760	ug/l	96
22) Diisopropyl ether	6.018	45	164071	20.519	ug/l	97
23) Vinyl Acetate	5.957	43	458176	99.794	ug/l	97
24) 1,1-Dichloroethane	5.915	63	101296	21.439	ug/l	99
25) 2-Butanone	6.902	43	67274	101.522	ug/l	98
26) 2,2-Dichloropropane	6.890	77	85395	19.960	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	63391	20.825	ug/l	99
28) Bromochloromethane	7.250	49	42887	21.737	ug/l	100
29) Tetrahydrofuran	7.268	42	44664	101.064	ug/l	99
30) Chloroform	7.421	83	98776	21.216	ug/l	94
31) Cyclohexane	7.701	56	96251	20.665	ug/l #	96
32) 1,1,1-Trichloroethane	7.616	97	88538	20.954	ug/l	99
36) 1,1-Dichloropropene	7.835	75	74179	20.187	ug/l	99
37) Ethyl Acetate	6.988	43	30569	19.575	ug/l	99
38) Carbon Tetrachloride	7.817	117	77543	20.258	ug/l	96
39) Methylcyclohexane	9.109	83	97538	19.969	ug/l	99
40) Benzene	8.079	78	224763	20.556	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	25664	27.077	ug/l #	50
42) 1,2-Dichloroethane	8.158	62	59653	20.657	ug/l	99
43) Isopropyl Acetate	8.201	43	67176	19.685	ug/l	99
44) Trichloroethene	8.865	130	54523	20.172	ug/l	98
45) 1,2-Dichloropropane	9.140	63	54293	21.134	ug/l	94
46) Dibromomethane	9.231	93	28122	19.596	ug/l	97
47) Bromodichloromethane	9.426	83	75418	20.436	ug/l	97
48) Methyl methacrylate	9.225	41	32294	20.387	ug/l	97
49) 1,4-Dioxane	9.225	88	6719	423.884	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	164021	97.416	ug/l	99
52) Toluene	10.170	92	140020	20.503	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	67912	19.756	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	80375	19.899	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	36393	20.057	ug/l	96
56) Ethyl methacrylate	10.438	69	50872	19.538	ug/l	97
57) 1,3-Dichloropropane	10.719	76	65656	20.534	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	124817	96.184	ug/l	99
59) 2-Hexanone	10.761	43	107036	97.004	ug/l	98
60) Dibromochloromethane	10.914	129	47257	20.389	ug/l	99
61) 1,2-Dibromoethane	11.018	107	34220	20.620	ug/l	98
64) Tetrachloroethene	10.646	164	56116	20.065	ug/l	98
65) Chlorobenzene	11.438	112	143605	20.509	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	48543	20.462	ug/l	98
67) Ethyl Benzene	11.517	91	260074	20.004	ug/l	100
68) m/p-Xylenes	11.627	106	198788	40.328	ug/l	99
69) o-Xylene	11.956	106	94138	20.320	ug/l	100
70) Styrene	11.969	104	155257	20.127	ug/l	99
71) Bromoform	12.133	173	25148	20.238	ug/l #	98
73) Isopropylbenzene	12.255	105	242229	19.839	ug/l	100
74) N-amyl acetate	12.066	43	57313	19.183	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	38401	19.962	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	53977	34.736	ug/l #	100
77) Bromobenzene	12.529	156	52711	20.061	ug/l	99
78) n-propylbenzene	12.597	91	293000	19.996	ug/l	100
79) 2-Chlorotoluene	12.676	91	161004	20.299	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	193338	20.266	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	12796	18.622	ug/l	98
82) 4-Chlorotoluene	12.773	91	164043	20.081	ug/l	100
83) tert-Butylbenzene	12.993	119	176319	20.456	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	190610	19.855	ug/l	99
85) sec-Butylbenzene	13.176	105	259295	20.285	ug/l	99
86) p-Isopropyltoluene	13.292	119	213163	19.970	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	104251	19.719	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	101516	20.082	ug/l	97
89) n-Butylbenzene	13.615	91	203256	20.309	ug/l	99
90) Hexachloroethane	13.877	117	43450	20.455	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	91460	20.712	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6061	20.390	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	50959	20.816	ug/l	97
94) Hexachlorobutadiene	15.023	225	27019	21.031	ug/l	99
95) Naphthalene	15.145	128	95939	21.199	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	43305	21.570	ug/l	97

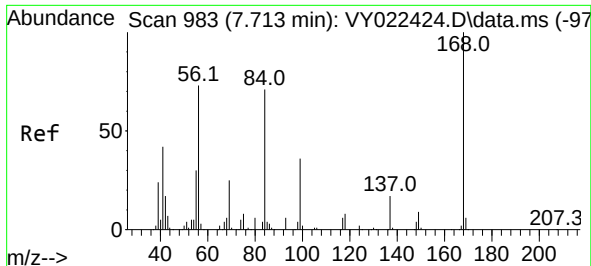
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052725\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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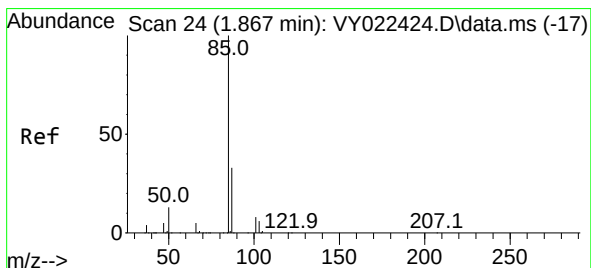
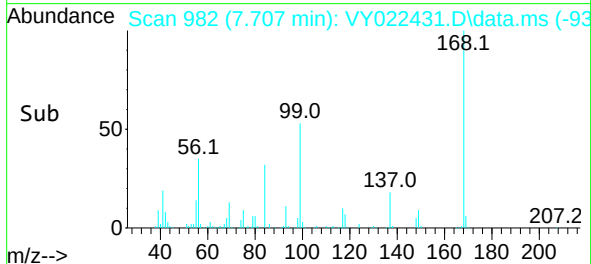
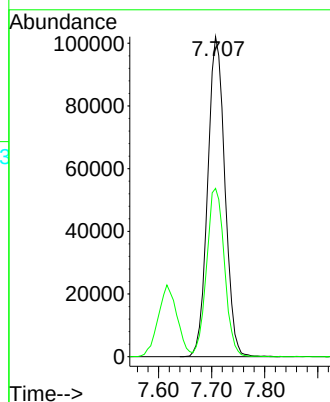
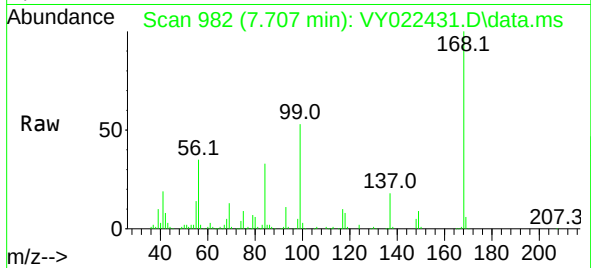
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY022431.D
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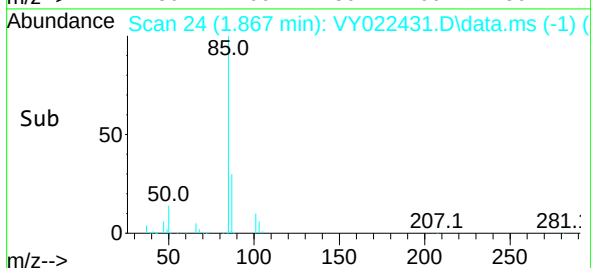
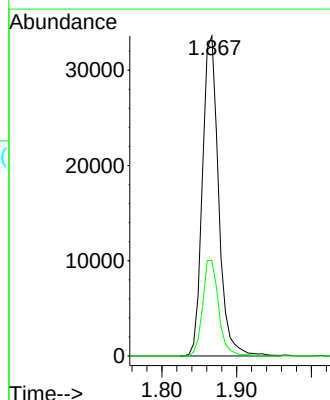
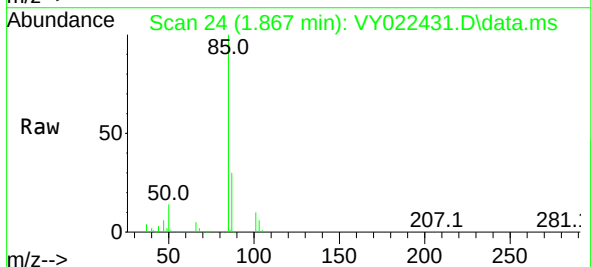
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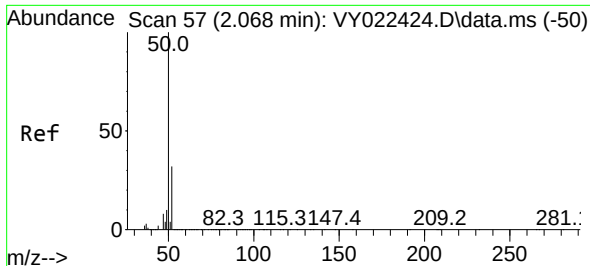
Tgt Ion:168 Resp: 229882
Ion Ratio Lower Upper
168 100
99 52.5 44.7 67.1



#2
Dichlorodifluoromethane
Concen: 23.012 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 85 Resp: 50470
Ion Ratio Lower Upper
85 100
87 29.9 16.4 49.2

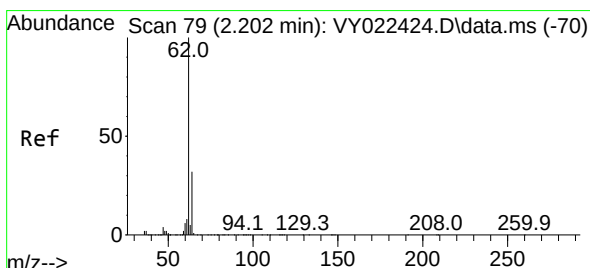
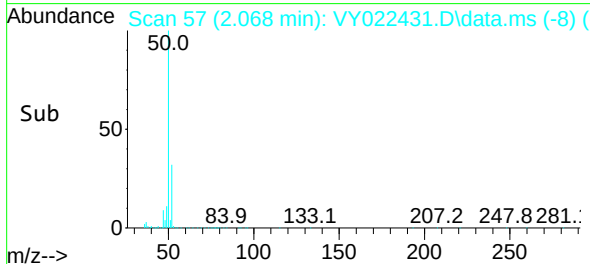
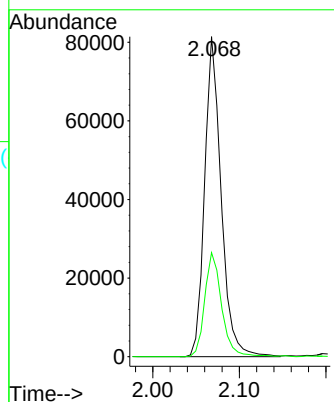
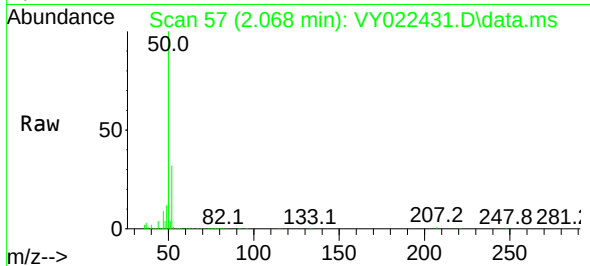




#3
Chloromethane
Concen: 19.995 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

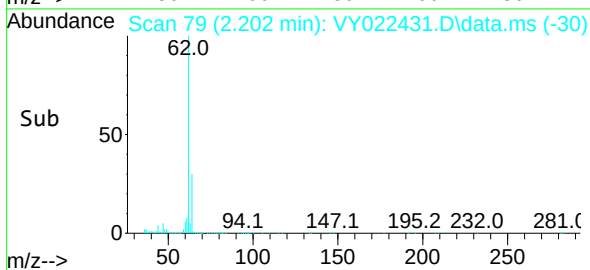
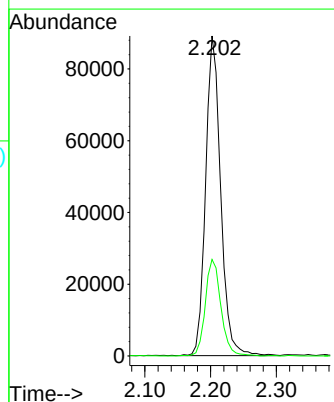
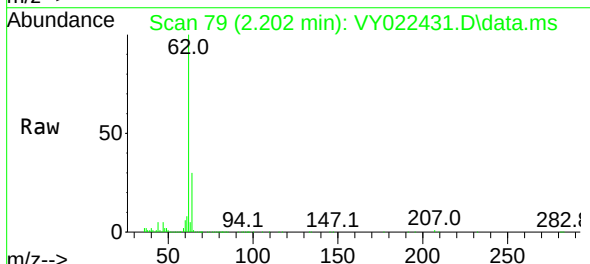
Instrument :
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ClientSampleId :
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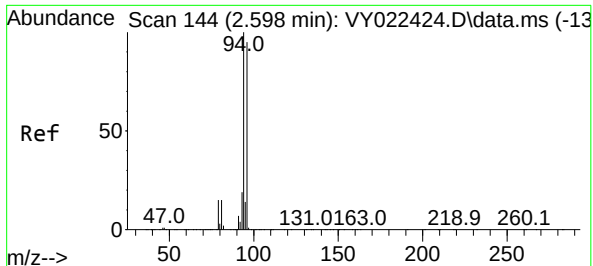
Tgt Ion: 50 Resp: 107870
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3



#4
Vinyl Chloride
Concen: 21.652 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 62 Resp: 141902
Ion Ratio Lower Upper
62 100
64 30.2 26.0 39.0

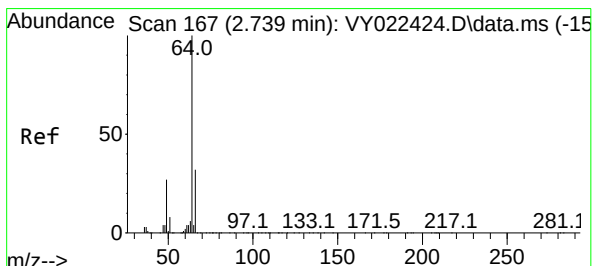
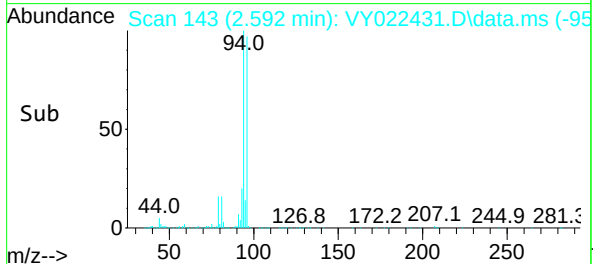
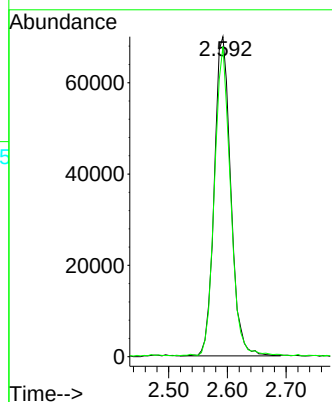
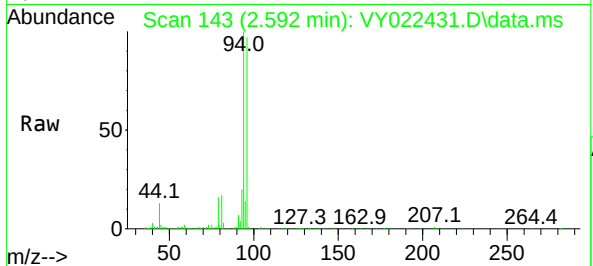




#5
Bromomethane
Concen: 22.848 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

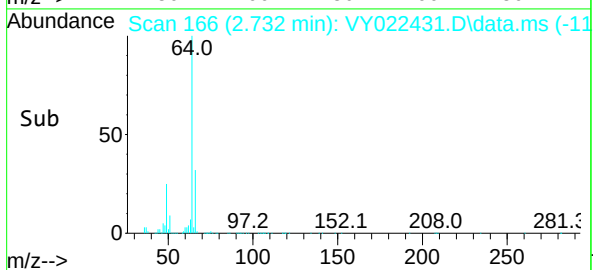
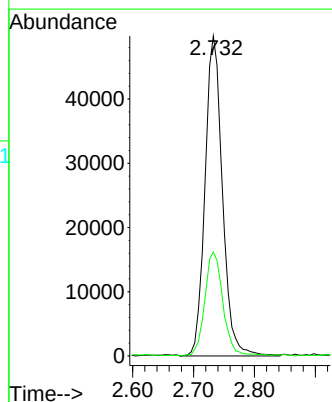
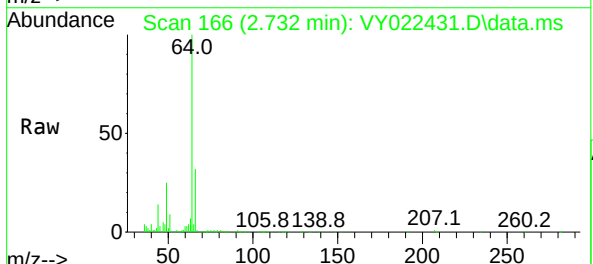
Instrument :
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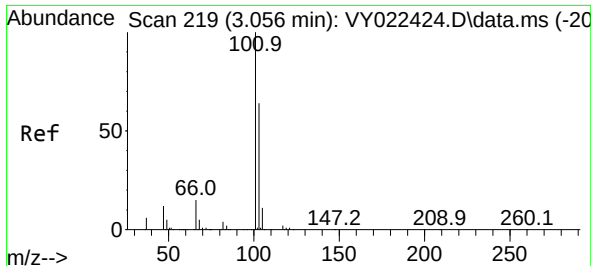
Tgt Ion: 94 Resp: 136075
Ion Ratio Lower Upper
94 100
96 96.8 76.0 114.0



#6
Chloroethane
Concen: 23.104 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 64 Resp: 98948
Ion Ratio Lower Upper
64 100
66 32.2 25.9 38.9

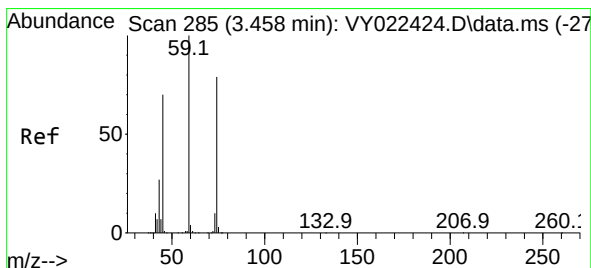
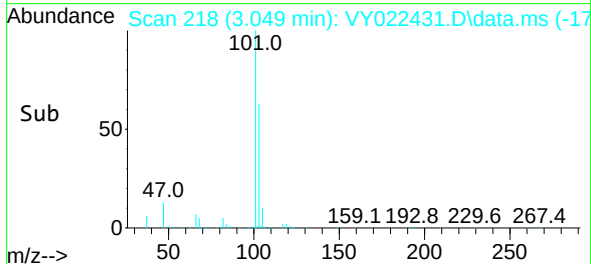
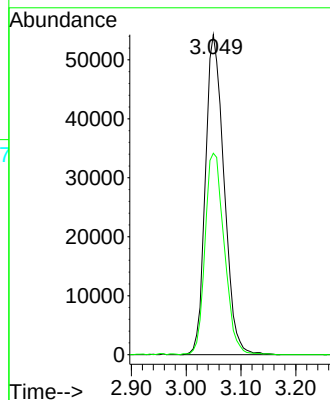
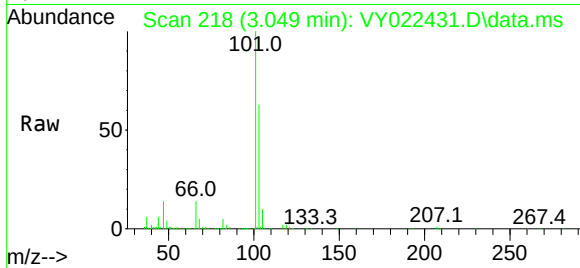




#7
 Trichlorofluoromethane
 Concen: 23.098 ug/l
 RT: 3.049 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY022431.D
 Acq: 27 May 2025 13:57

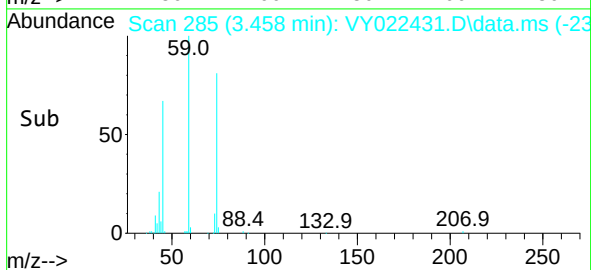
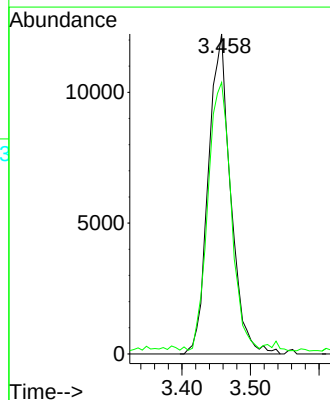
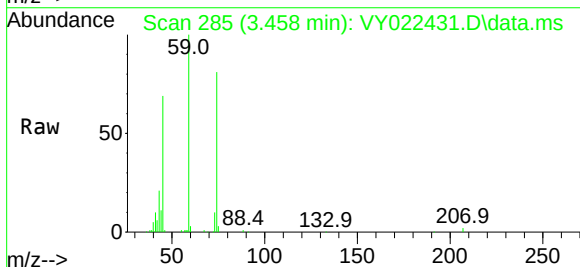
Instrument :
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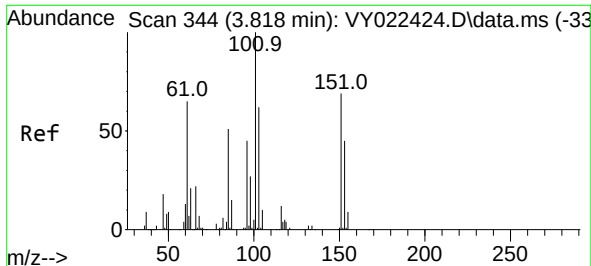
Tgt Ion:101 Resp: 127726
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.9 76.3



#8
 Diethyl Ether
 Concen: 21.734 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY022431.D
 Acq: 27 May 2025 13:57

Tgt Ion: 74 Resp: 27711
 Ion Ratio Lower Upper
 74 100
 45 86.9 44.9 134.5

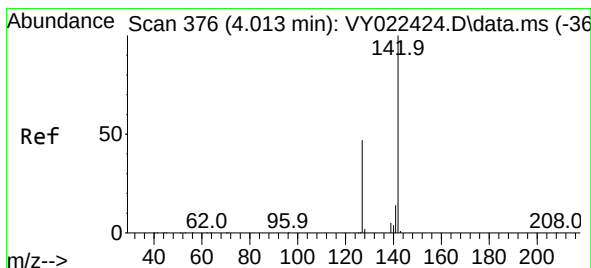
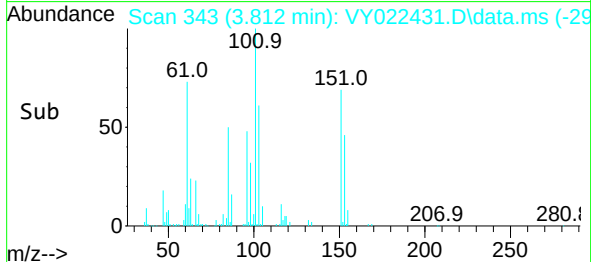
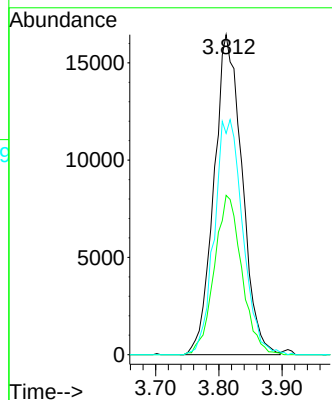
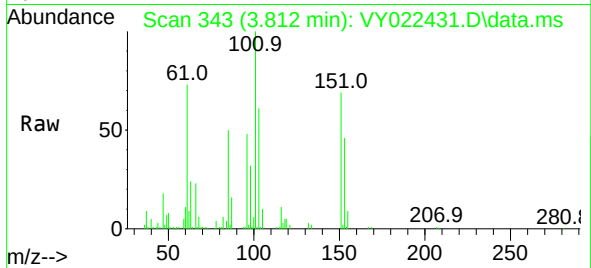




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.873 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022431.D
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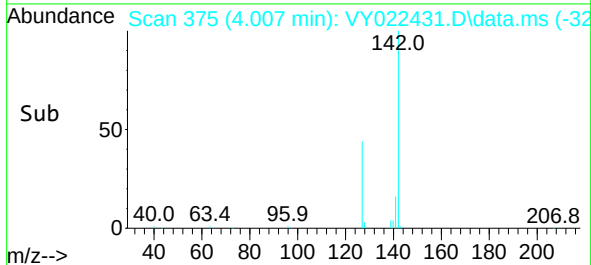
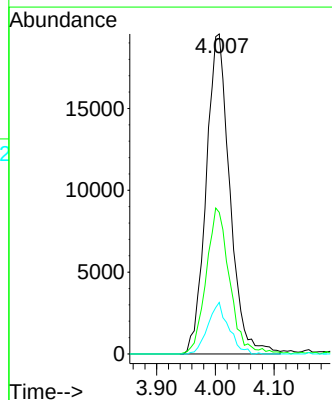
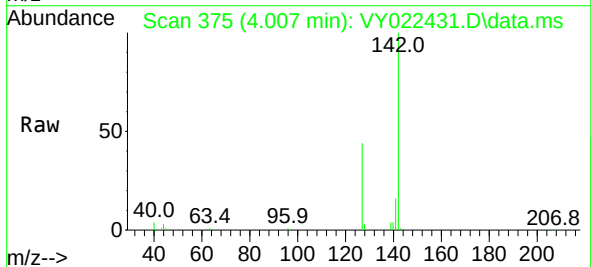
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

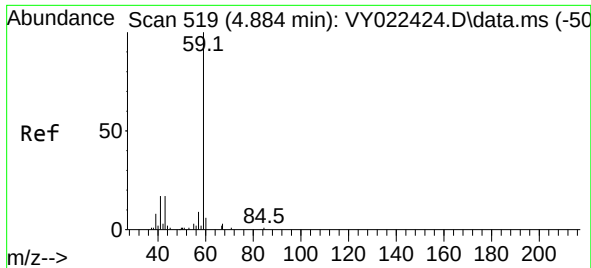
Tgt Ion:101 Resp: 50636
Ion Ratio Lower Upper
101 100
85 48.8 39.2 58.8
151 74.6 58.8 88.2



#10
Methyl Iodide
Concen: 19.975 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion:142 Resp: 54669
Ion Ratio Lower Upper
142 100
127 45.5 36.2 54.4
141 14.1 11.6 17.4

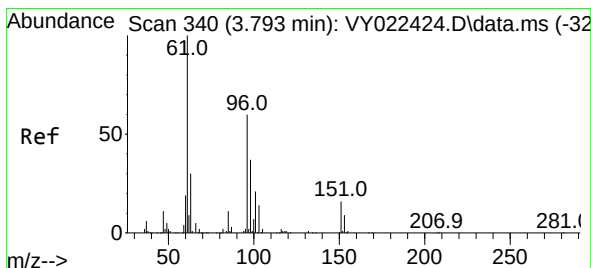
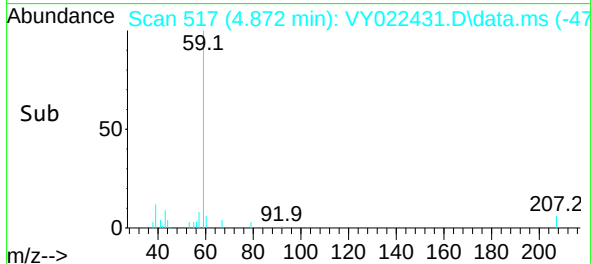
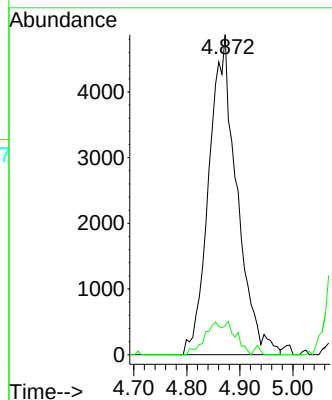
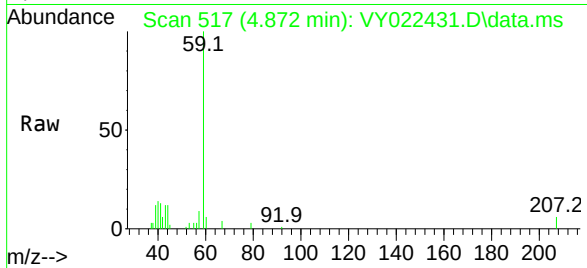




#11
Tert butyl alcohol
Concen: 104.315 ug/l
RT: 4.872 min Scan# 519
Delta R.T. -0.012 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

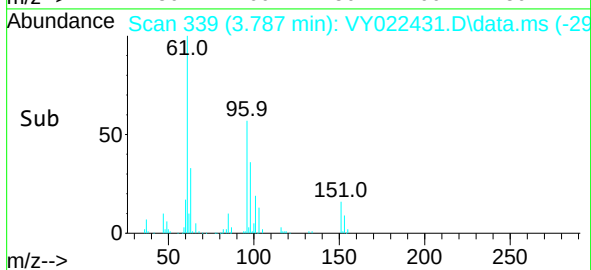
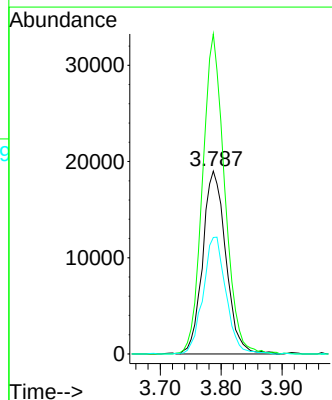
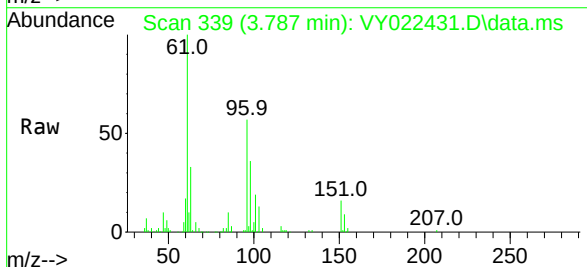
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

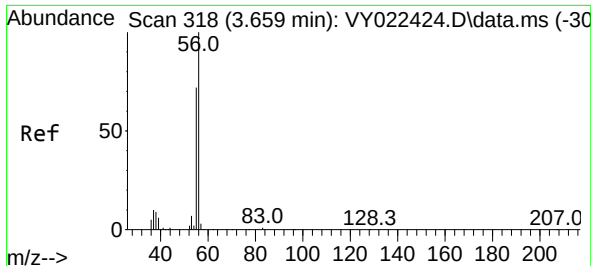
Tgt Ion: 59 Resp: 17804
Ion Ratio Lower Upper
59 100
57 6.3 9.1 13.7#



#12
1,1-Dichloroethene
Concen: 20.881 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 96 Resp: 50291
Ion Ratio Lower Upper
96 100
61 175.0 134.1 201.1
98 63.7 50.2 75.2

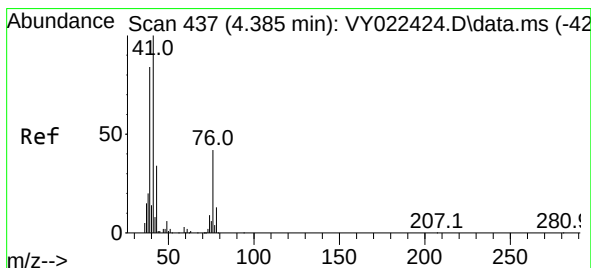
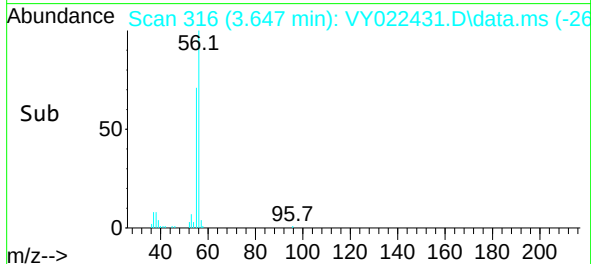
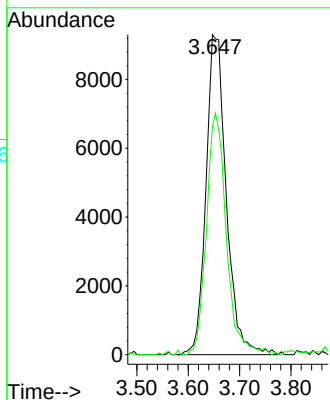
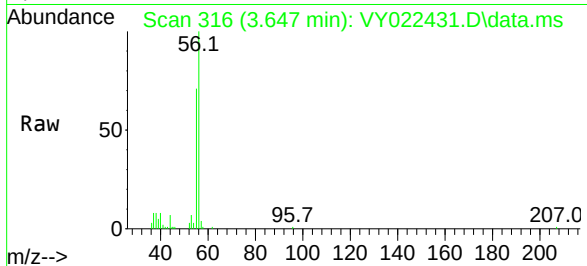




#13
Acrolein
Concen: 99.987 ug/l
RT: 3.647 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

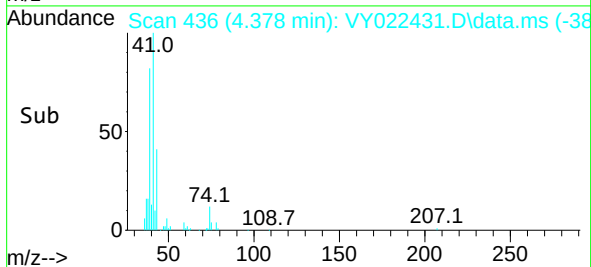
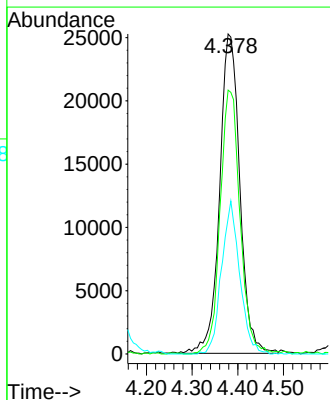
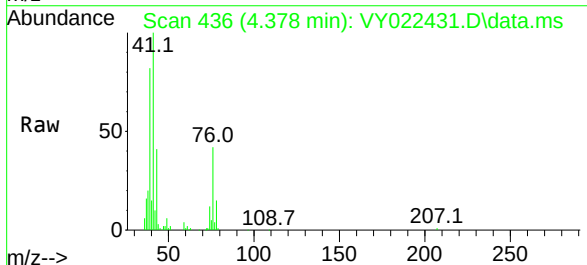
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

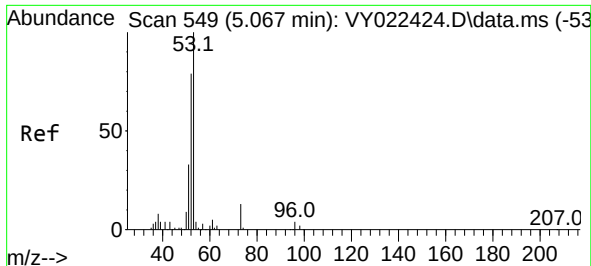
Tgt Ion: 56 Resp: 25570
Ion Ratio Lower Upper
56 100
55 73.2 56.5 84.7



#14
Allyl chloride
Concen: 21.391 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

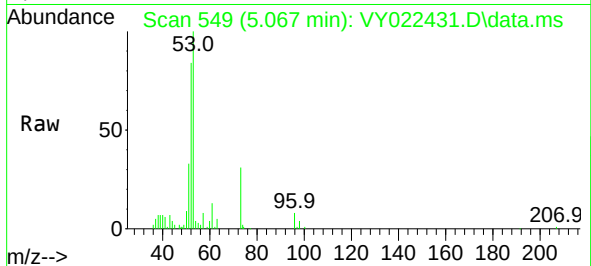
Tgt Ion: 41 Resp: 77500
Ion Ratio Lower Upper
41 100
39 81.6 66.6 100.0
76 43.2 33.7 50.5



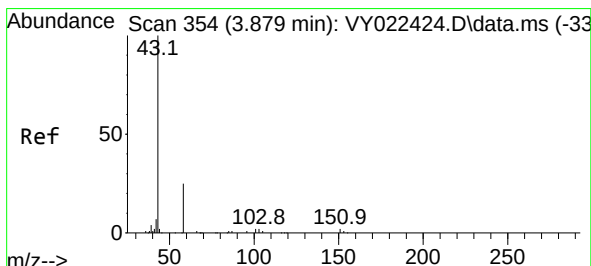
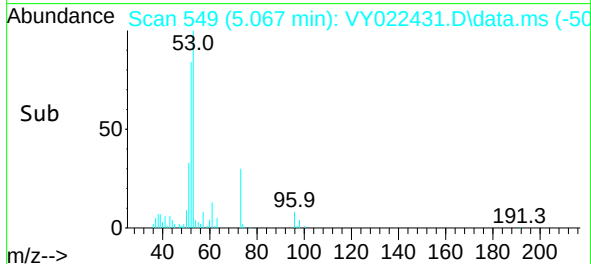
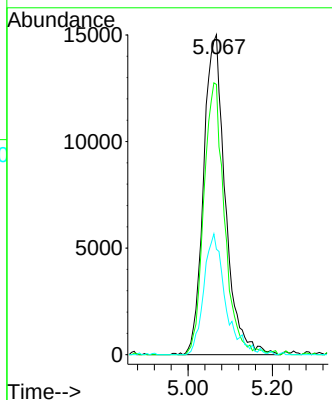


#15
Acrylonitrile
Concen: 104.429 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

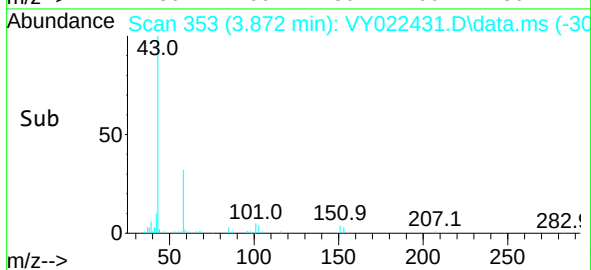
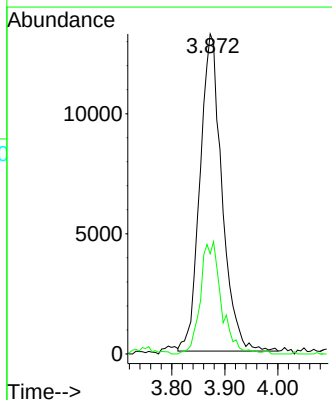
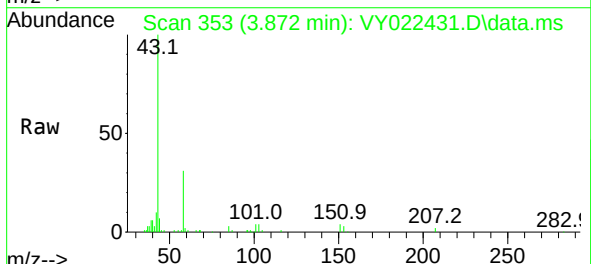


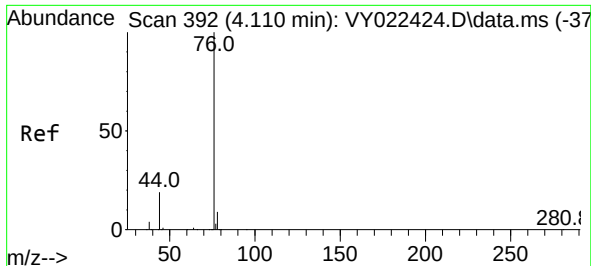
Tgt Ion: 53 Resp: 53669
Ion Ratio Lower Upper
53 100
52 81.1 65.1 97.7
51 37.5 30.0 45.0



#16
Acetone
Concen: 95.542 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 43 Resp: 38015
Ion Ratio Lower Upper
43 100
58 31.6 20.6 30.8

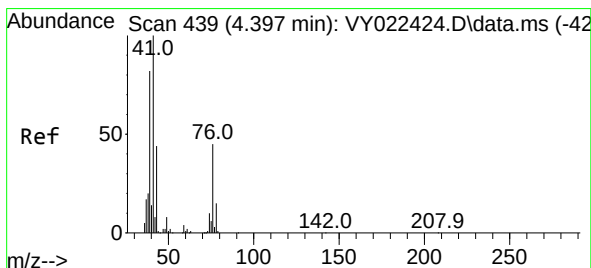
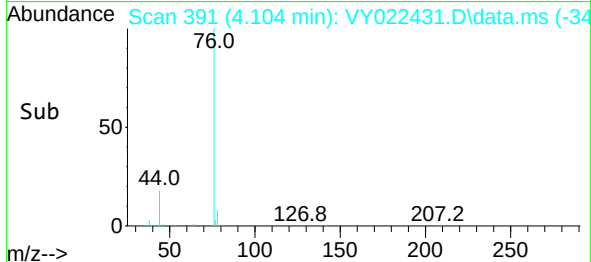
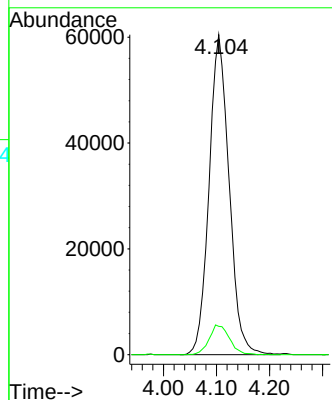
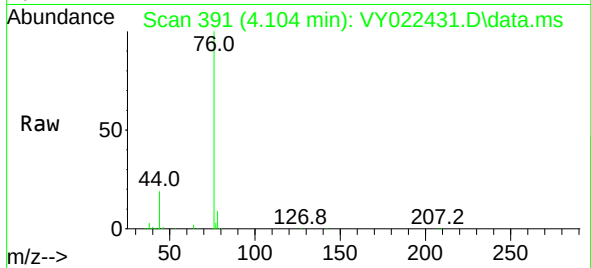




#17
Carbon Disulfide
Concen: 20.617 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

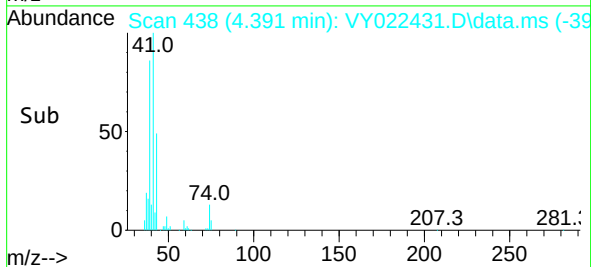
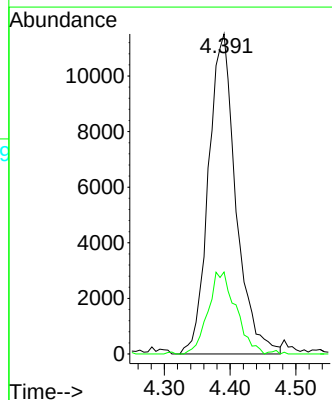
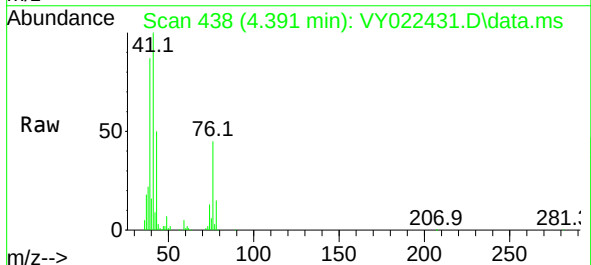
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

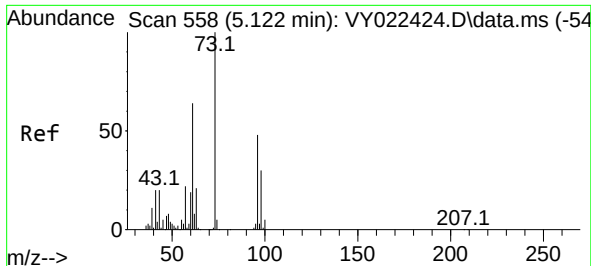
Tgt Ion: 76 Resp: 158468
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 22.433 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 43 Resp: 33436
Ion Ratio Lower Upper
43 100
74 26.0 21.2 31.8

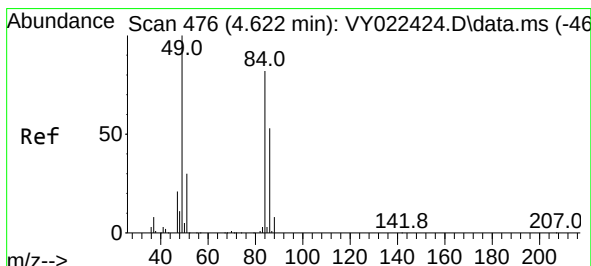
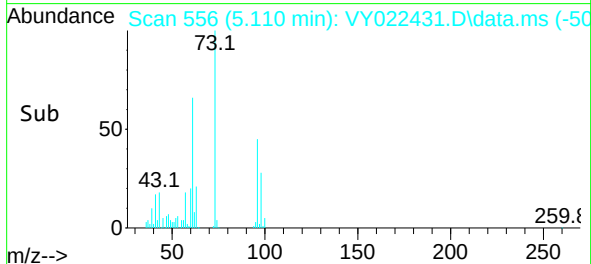
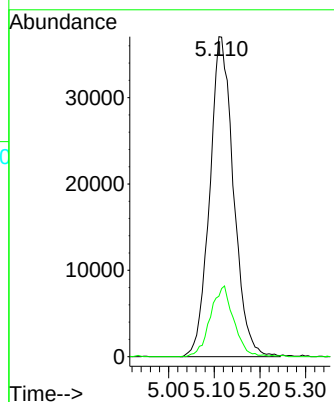
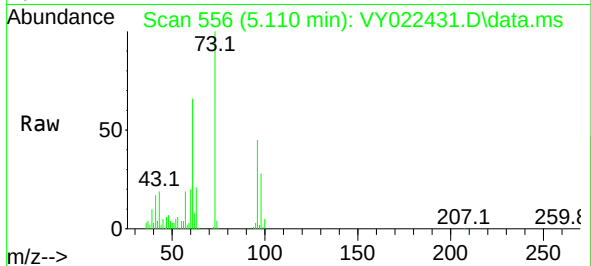




#19
Methyl tert-butyl Ether
Concen: 20.964 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.012 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

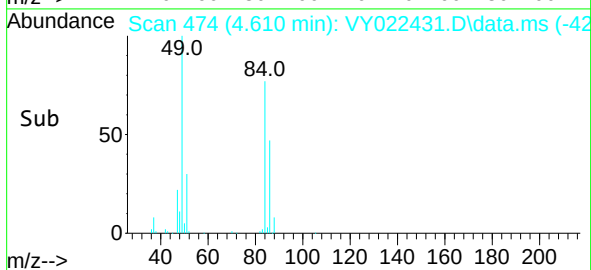
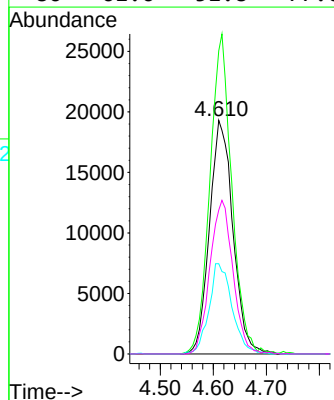
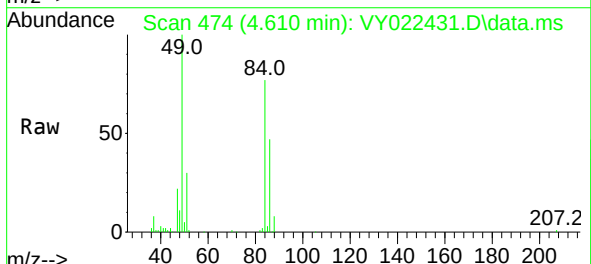
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

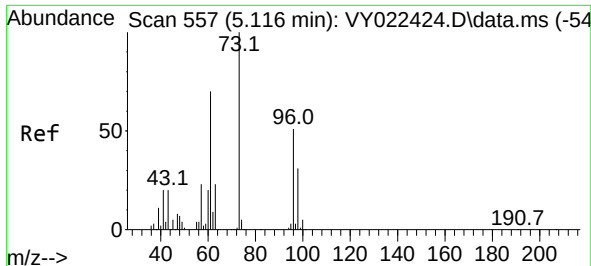
Tgt Ion: 73 Resp: 134048
Ion Ratio Lower Upper
73 100
57 18.9 17.7 26.5



#20
Methylene Chloride
Concen: 21.091 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 84 Resp: 59261
Ion Ratio Lower Upper
84 100
49 129.8 97.8 146.8
51 38.7 29.5 44.3
86 61.6 51.8 77.6

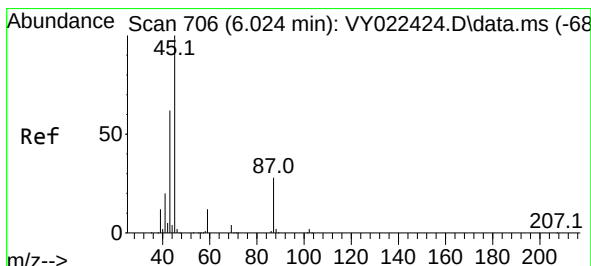
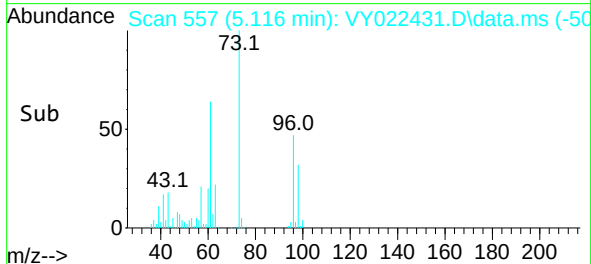
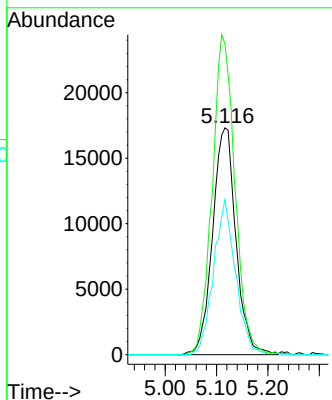
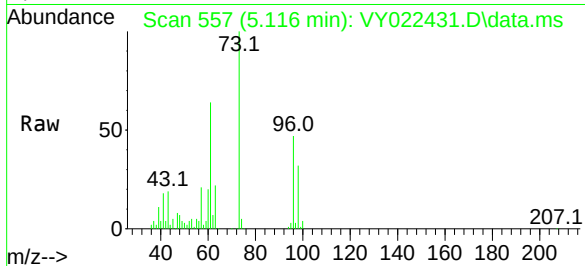




#21
trans-1,2-Dichloroethene
Concen: 20.760 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

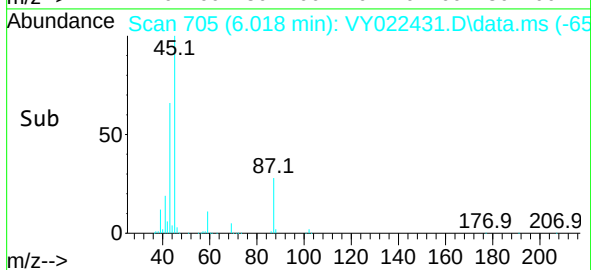
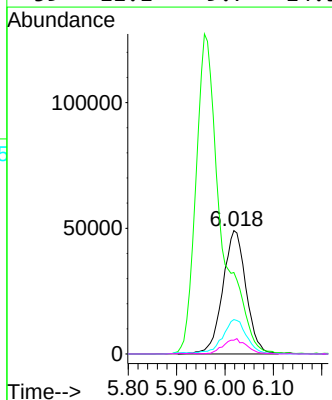
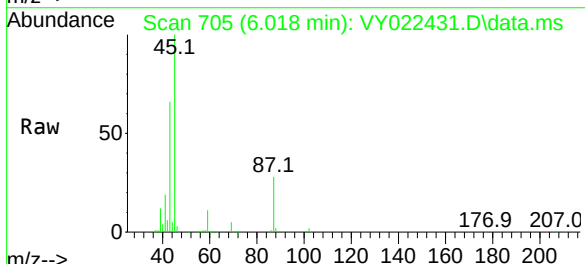
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

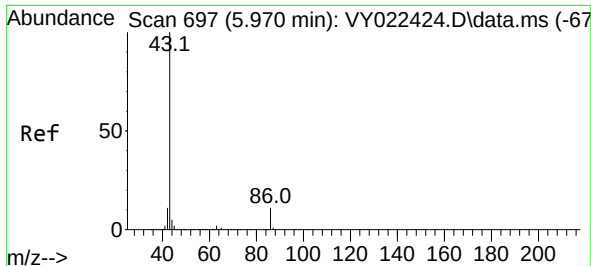
Tgt Ion: 96 Resp: 54588
Ion Ratio Lower Upper
96 100
61 137.0 110.4 165.6
98 68.3 48.6 73.0



#22
Diisopropyl ether
Concen: 20.519 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 45 Resp: 164071
Ion Ratio Lower Upper
45 100
43 64.9 49.8 74.8
87 27.5 23.0 34.6
59 11.1 9.7 14.5

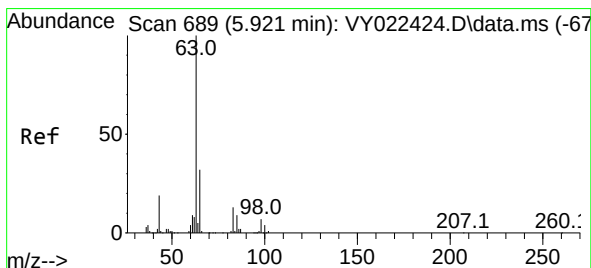
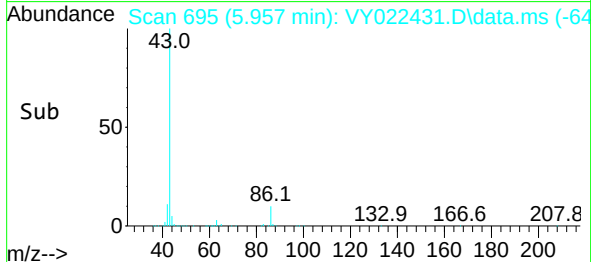
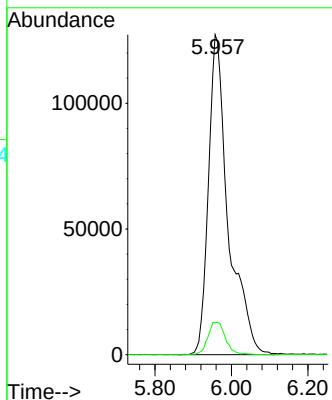
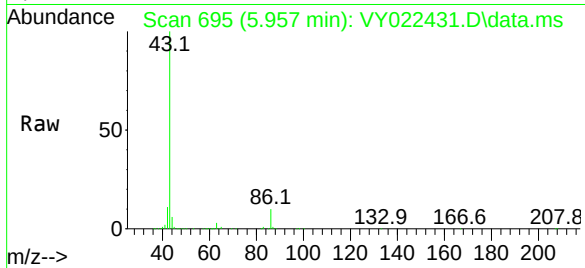




#23
Vinyl Acetate
Concen: 99.794 ug/l
RT: 5.957 min Scan# 695
Delta R.T. -0.012 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

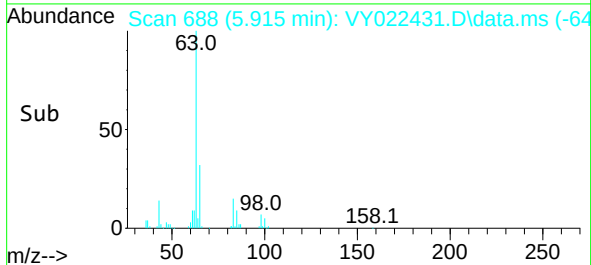
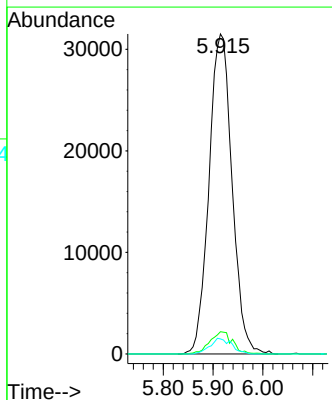
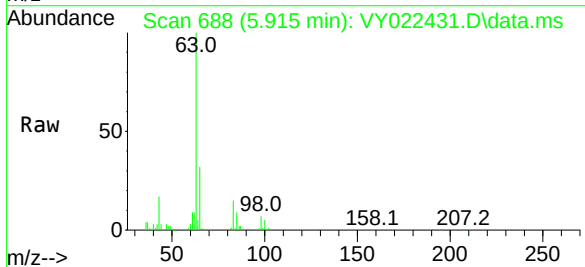
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

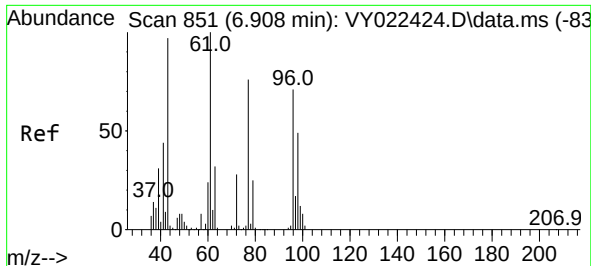
Tgt Ion: 43 Resp: 458176
Ion Ratio Lower Upper
43 100
86 10.0 8.8 13.2



#24
1,1-Dichloroethane
Concen: 21.439 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 63 Resp: 101296
Ion Ratio Lower Upper
63 100
98 6.9 3.5 10.5
100 4.7 2.1 6.5

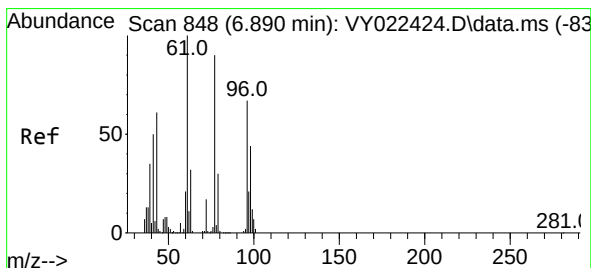
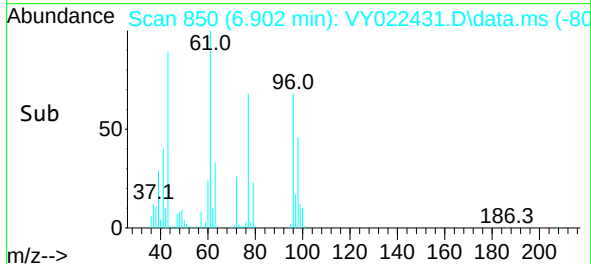
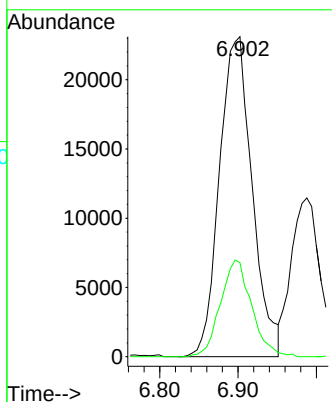
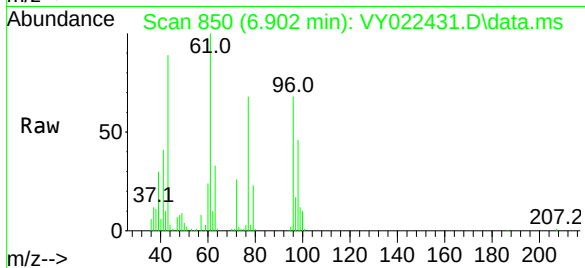




#25
2-Butanone
Concen: 101.522 ug/l
RT: 6.902 min Scan# 851
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

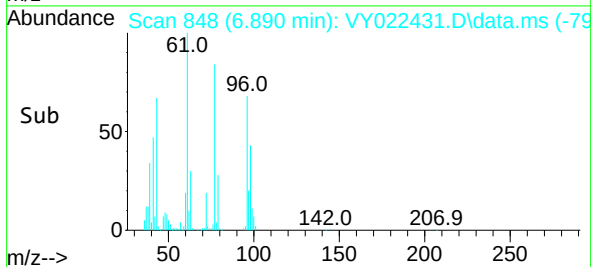
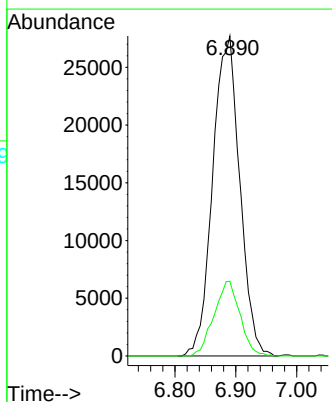
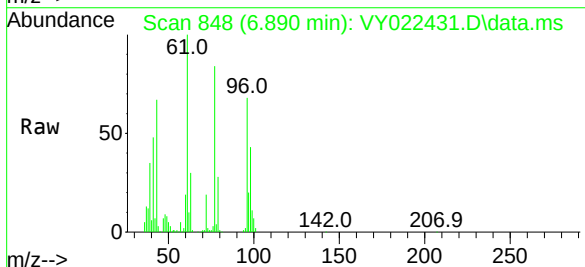
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

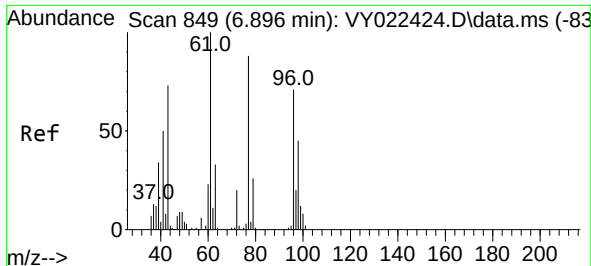
Tgt Ion: 43 Resp: 67274
Ion Ratio Lower Upper
43 100
72 29.4 22.8 34.2



#26
2,2-Dichloropropane
Concen: 19.960 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 77 Resp: 85395
Ion Ratio Lower Upper
77 100
97 22.5 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 20.825 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBSD01

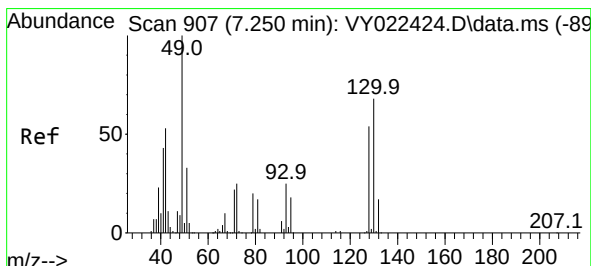
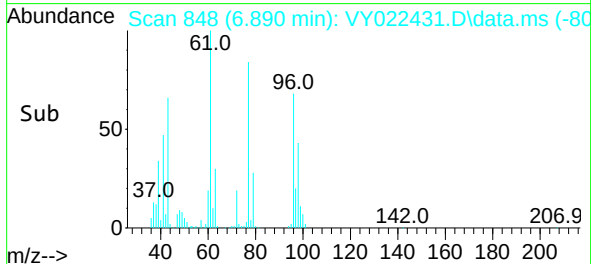
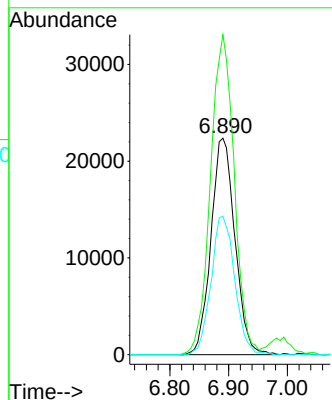
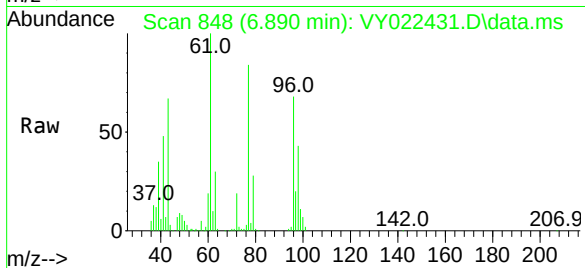
Tgt Ion: 96 Resp: 63391

Ion Ratio Lower Upper

96 100

61 146.2 0.0 292.0

98 63.4 0.0 131.0



#28

Bromochloromethane

Concen: 21.737 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

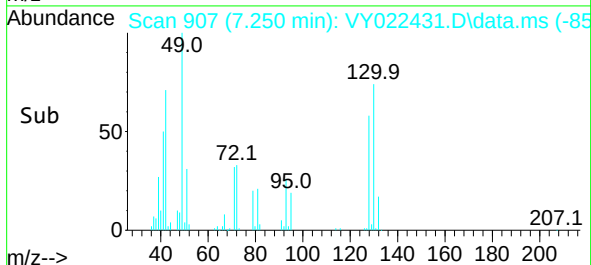
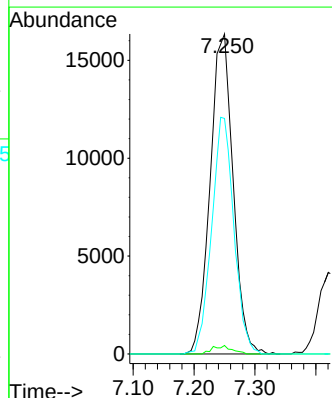
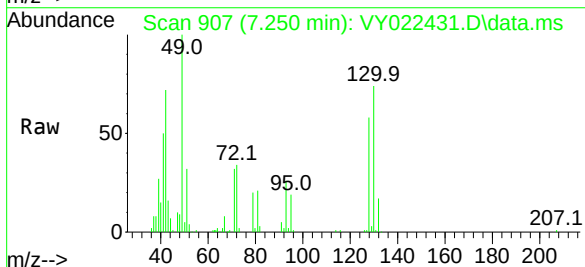
Tgt Ion: 49 Resp: 42887

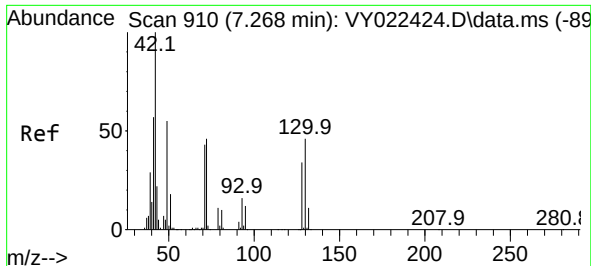
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.0

130 71.4 56.9 85.3





#29

Tetrahydrofuran

Concen: 101.064 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBSD01

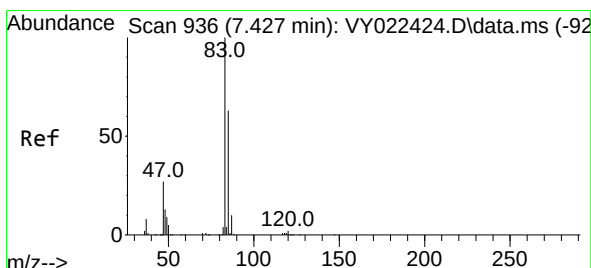
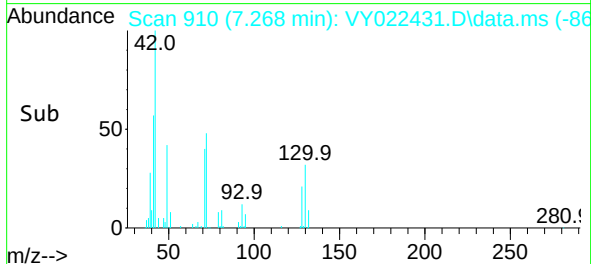
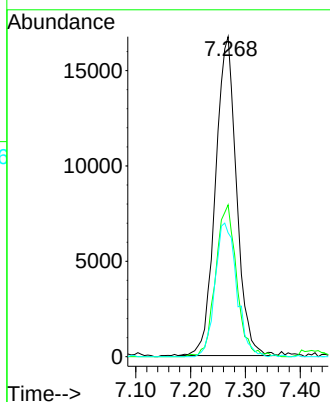
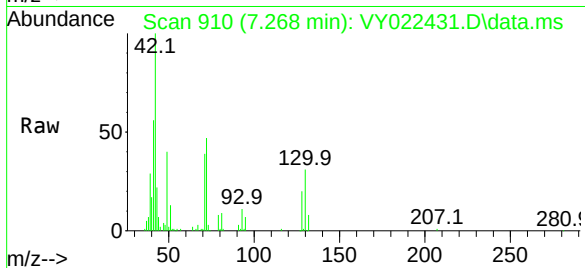
Tgt Ion: 42 Resp: 44664

Ion Ratio Lower Upper

42 100

72 47.7 37.7 56.5

71 43.0 34.7 52.1



#30

Chloroform

Concen: 21.216 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022431.D

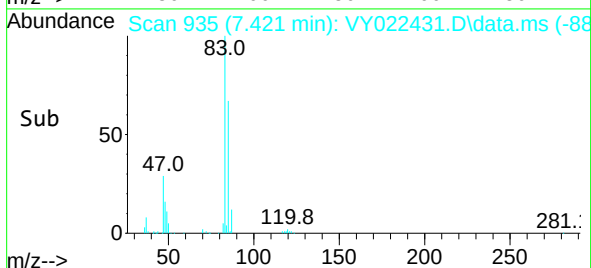
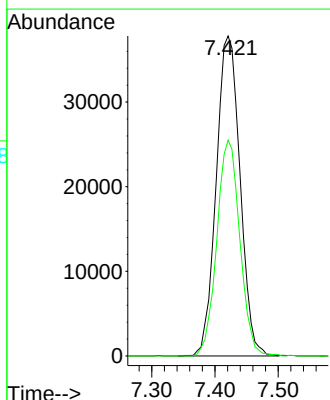
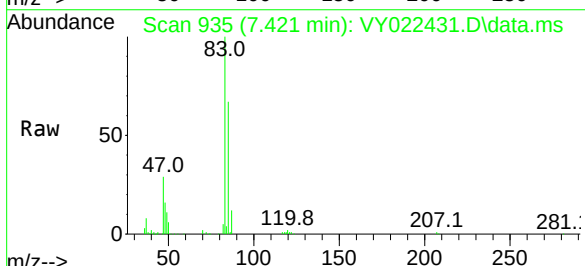
Acq: 27 May 2025 13:57

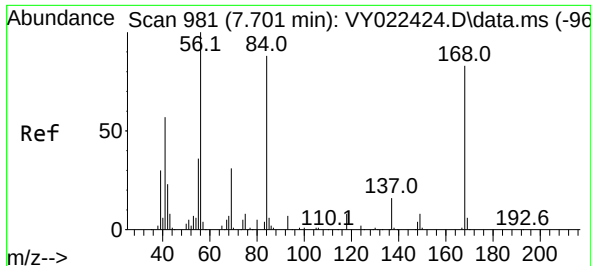
Tgt Ion: 83 Resp: 98776

Ion Ratio Lower Upper

83 100

85 67.5 50.1 75.1

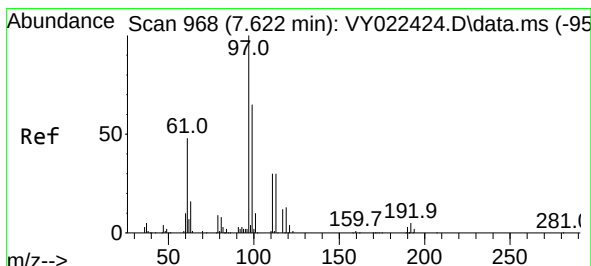
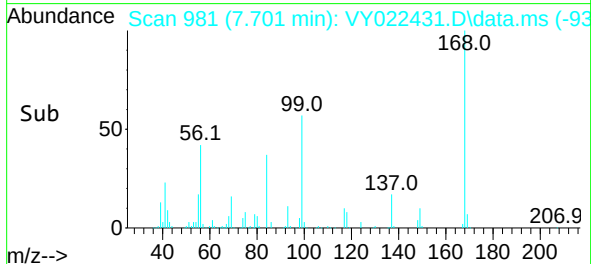
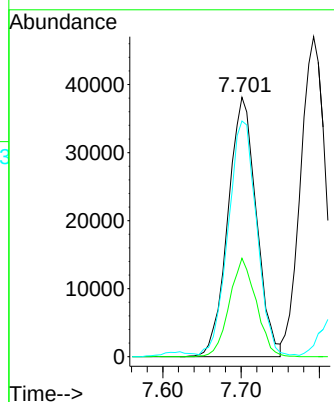
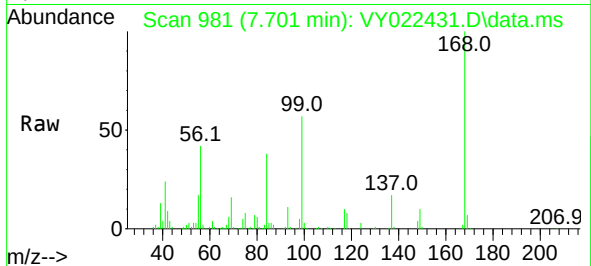




#31
Cyclohexane
Concen: 20.665 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

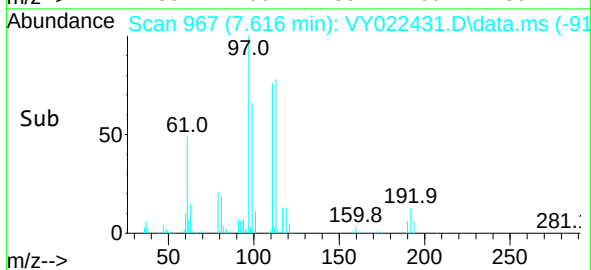
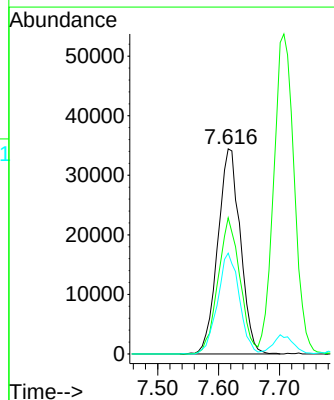
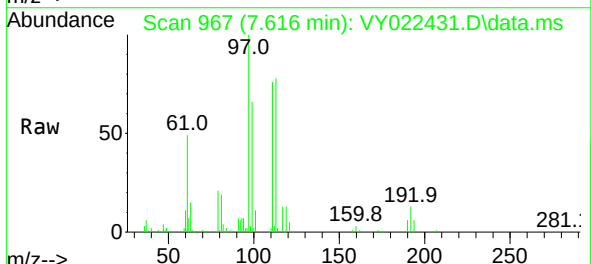
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

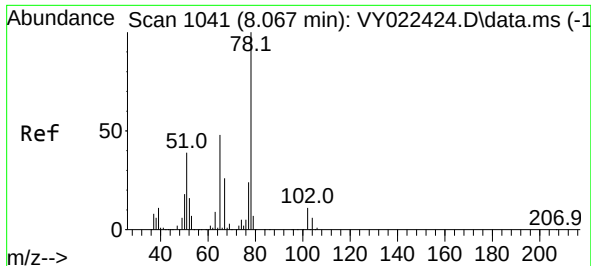
Tgt Ion: 56 Resp: 96251
Ion Ratio Lower Upper
56 100
69 37.9 24.6 36.8#
84 89.3 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 20.954 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 97 Resp: 88538
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 47.4 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 53.521 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.006 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

Instrument :

MSVOA_Y

ClientSampleId :

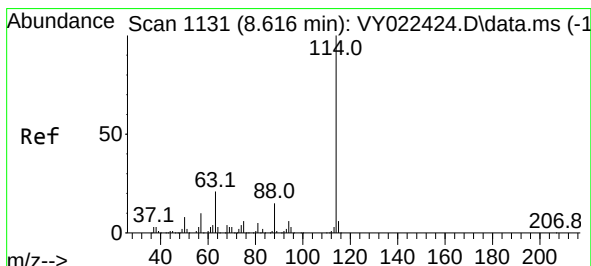
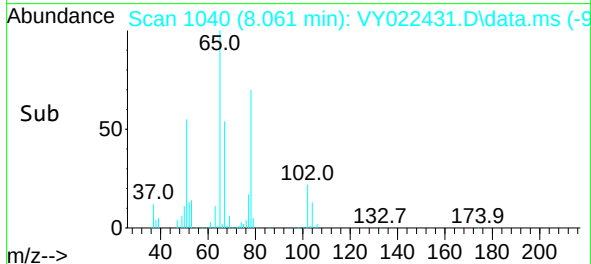
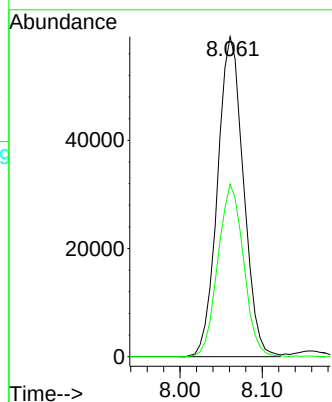
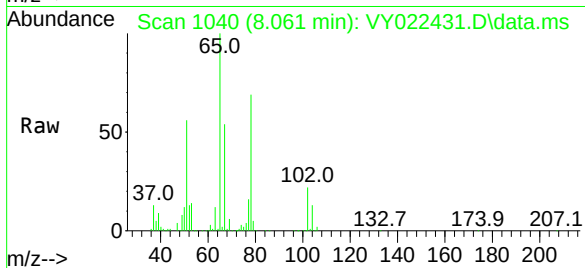
VY0527SBS01

Tgt Ion: 65 Resp: 129595

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

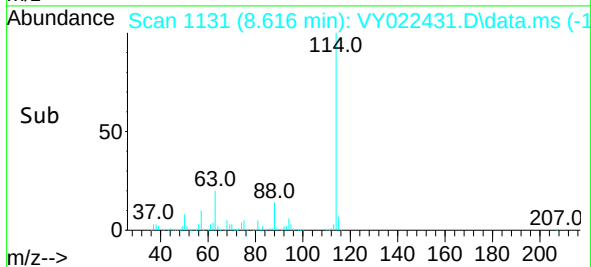
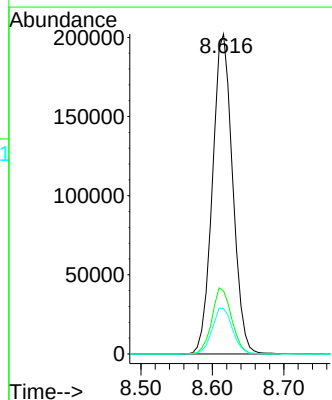
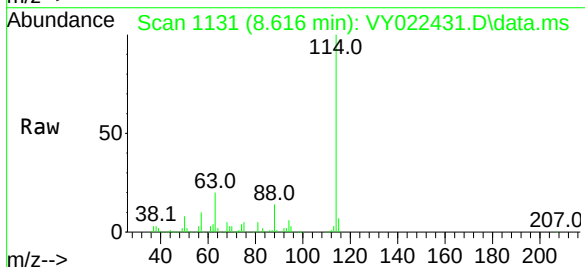
Tgt Ion: 114 Resp: 395413

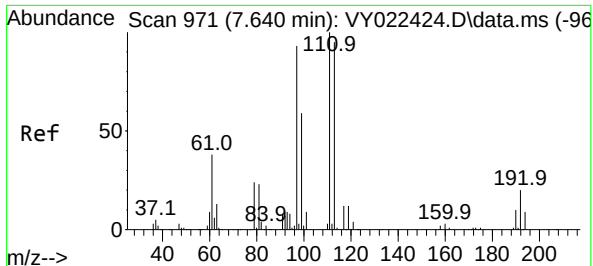
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 14.2 0.0 29.4

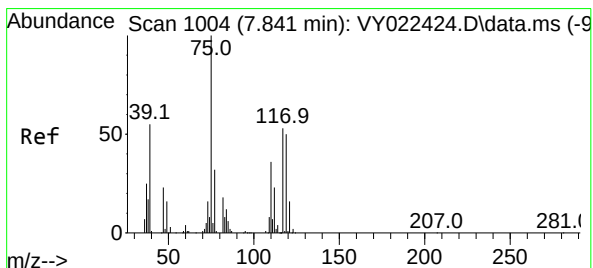
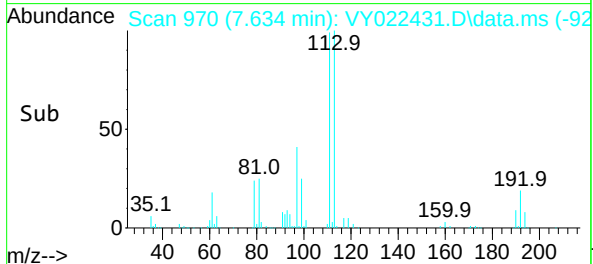
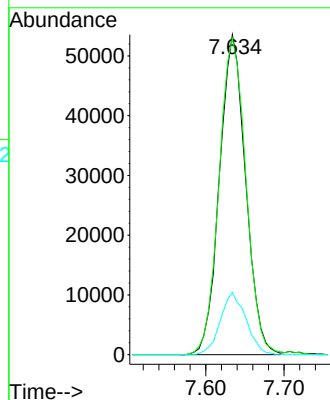
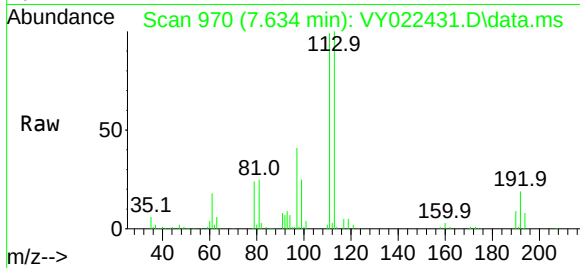




#35
Dibromofluoromethane
Concen: 53.635 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

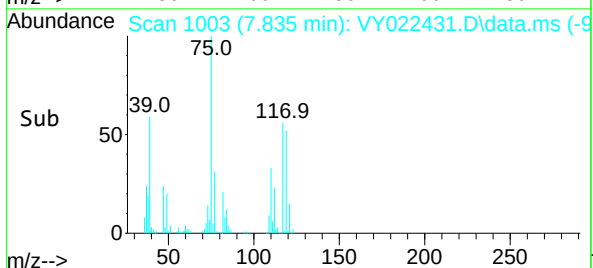
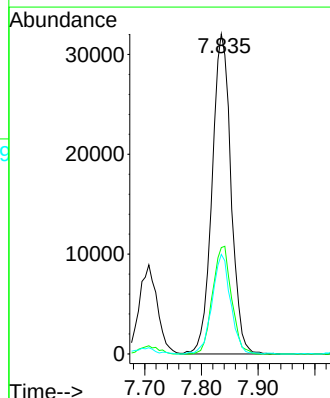
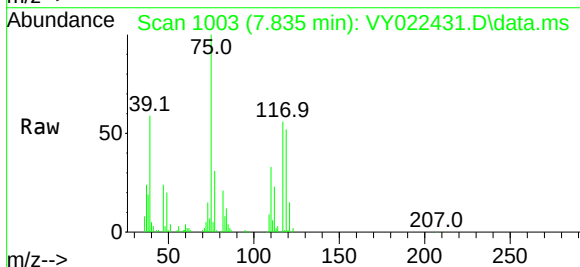
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

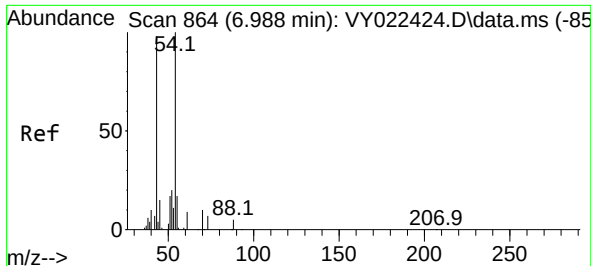
Tgt Ion:113 Resp: 124201
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 19.2 15.2 22.8



#36
1,1-Dichloropropene
Concen: 20.187 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 75 Resp: 74179
Ion Ratio Lower Upper
75 100
110 33.7 17.1 51.2
77 30.5 25.1 37.7





#37

Ethyl Acetate

Concen: 19.575 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBSD01

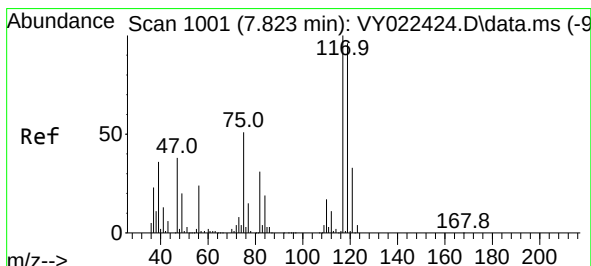
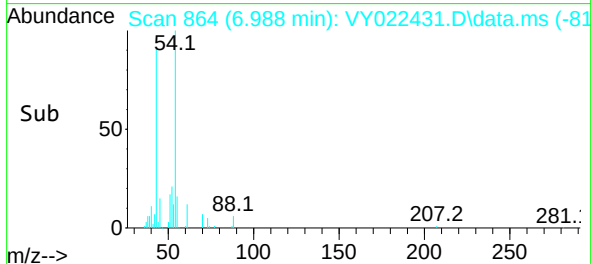
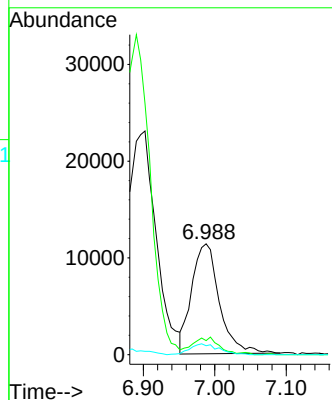
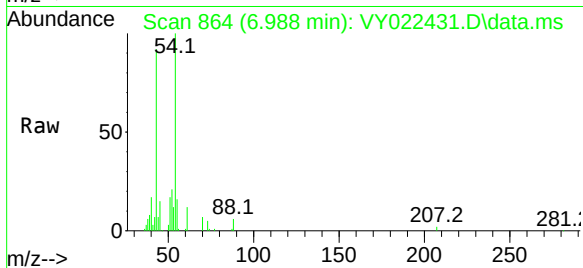
Tgt Ion: 43 Resp: 30569

Ion Ratio Lower Upper

43 100

61 15.0 11.7 17.5

70 10.2 7.8 11.6



#38

Carbon Tetrachloride

Concen: 20.258 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

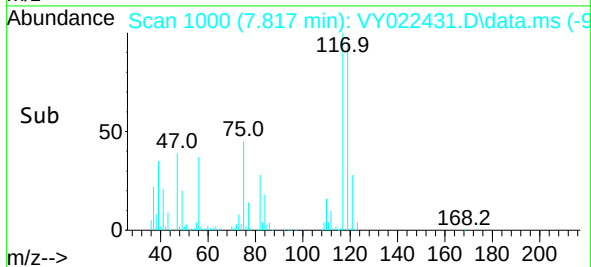
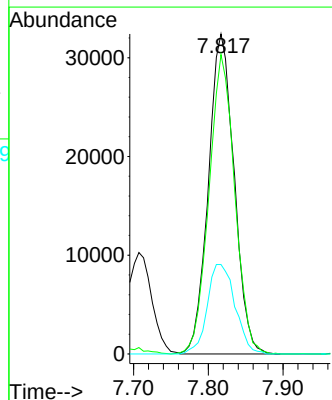
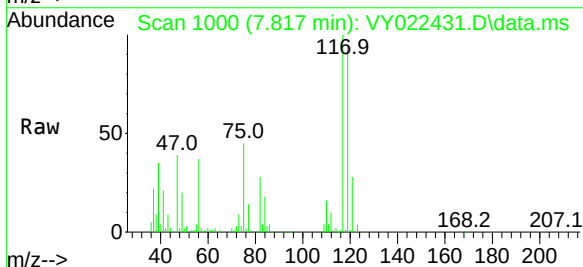
Tgt Ion: 117 Resp: 77543

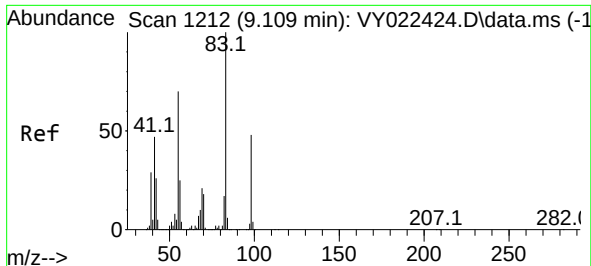
Ion Ratio Lower Upper

117 100

119 93.5 76.3 114.5

121 27.9 26.1 39.1





#39

Methylcyclohexane

Concen: 19.969 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBSD01

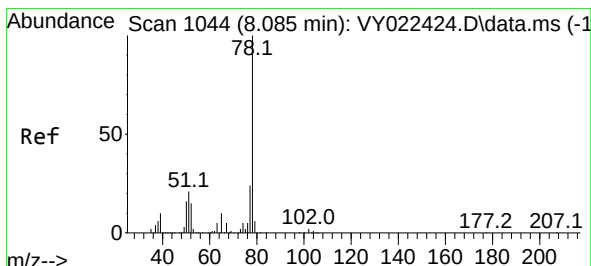
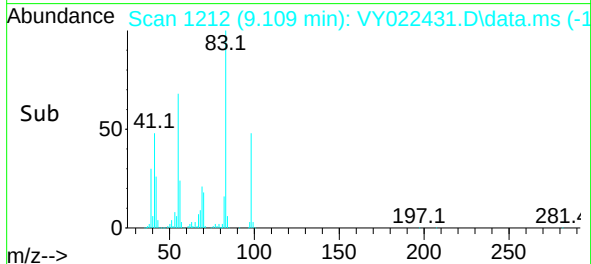
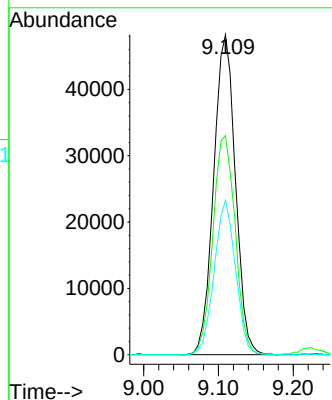
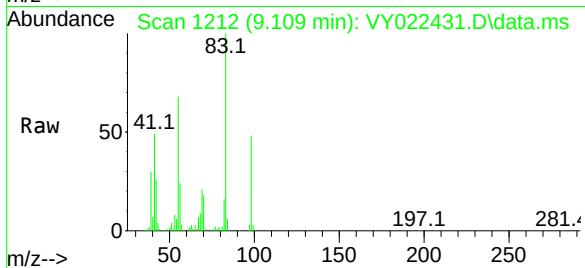
Tgt Ion: 83 Resp: 97538

Ion Ratio Lower Upper

83 100

55 68.4 56.2 84.2

98 48.3 38.4 57.6



#40

Benzene

Concen: 20.556 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022431.D

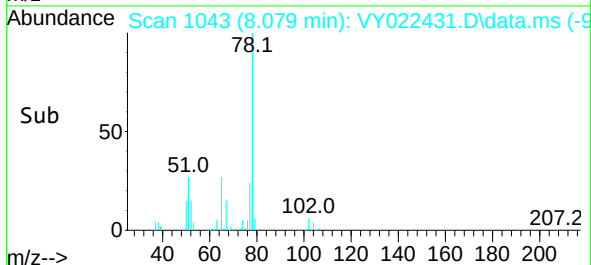
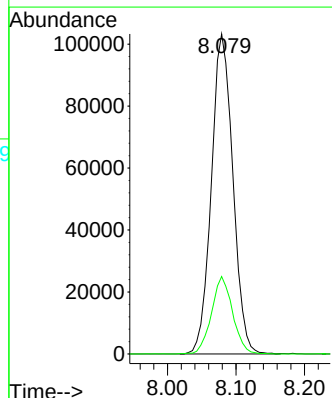
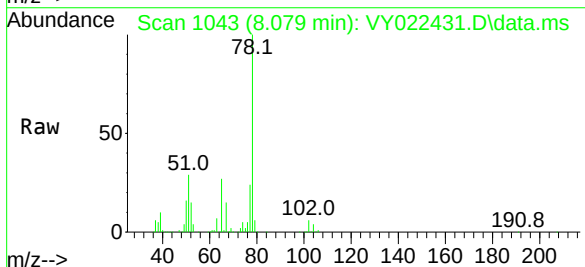
Acq: 27 May 2025 13:57

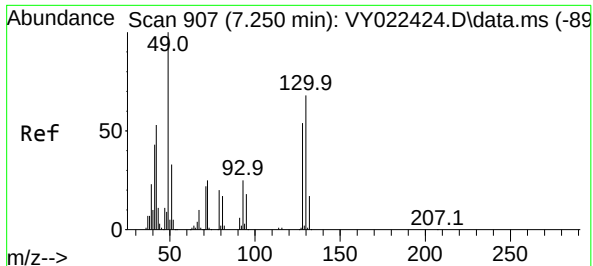
Tgt Ion: 78 Resp: 224763

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.2

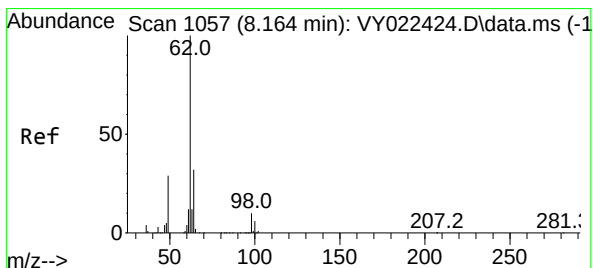
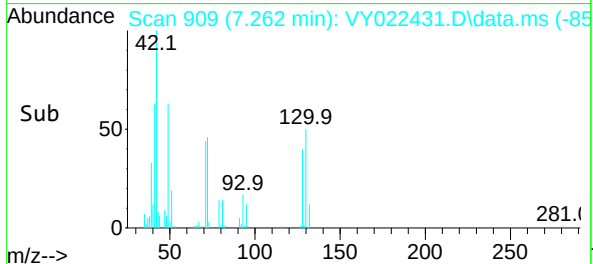
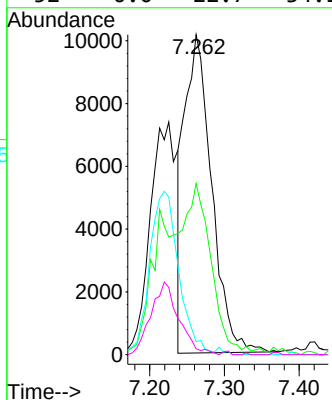
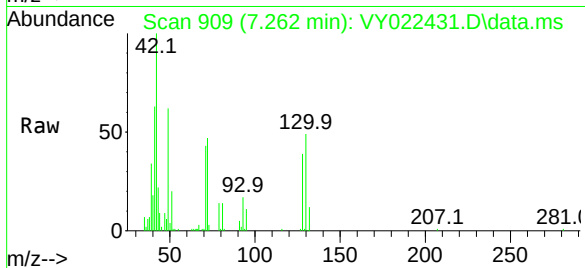




#41
Methacrylonitrile
Concen: 27.077 ug/l
RT: 7.262 min Scan# 907
Delta R.T. 0.012 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

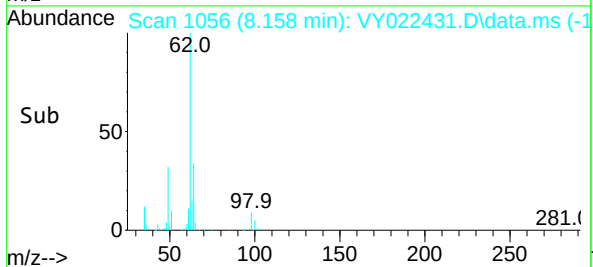
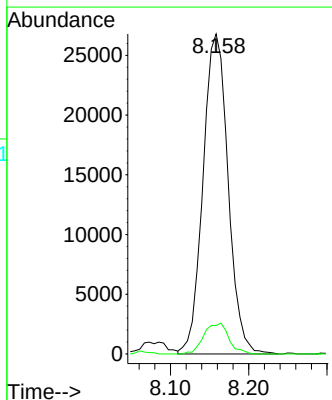
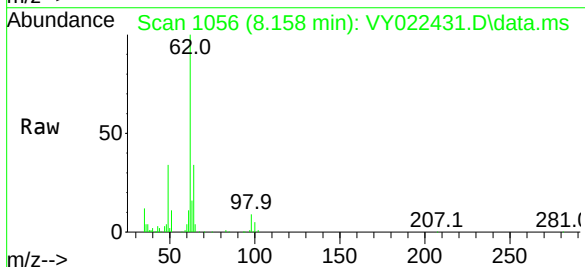
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

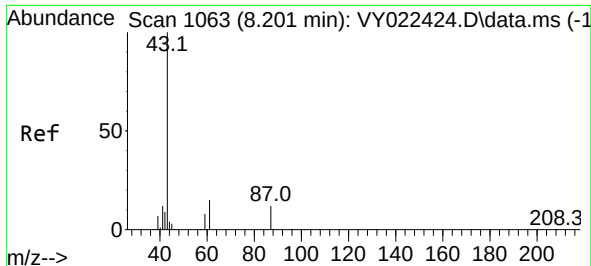
Tgt Ion: 41 Resp: 25664
Ion Ratio Lower Upper
41 100
39 48.1 40.4 60.6
67 0.0 53.0 79.4#
52 0.0 22.7 34.1#



#42
1,2-Dichloroethane
Concen: 20.657 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 62 Resp: 59653
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.4

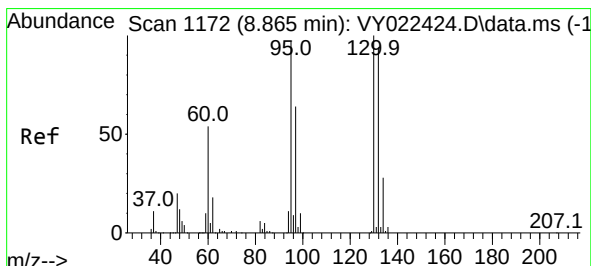
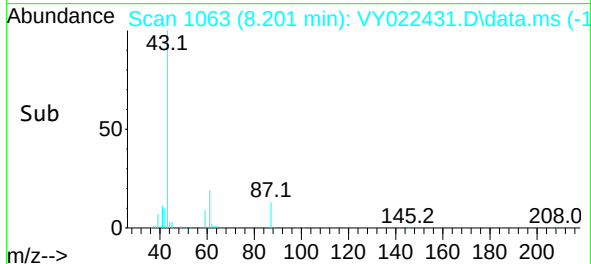
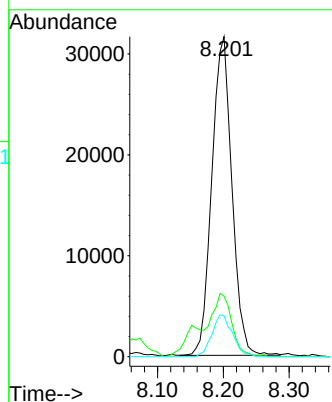
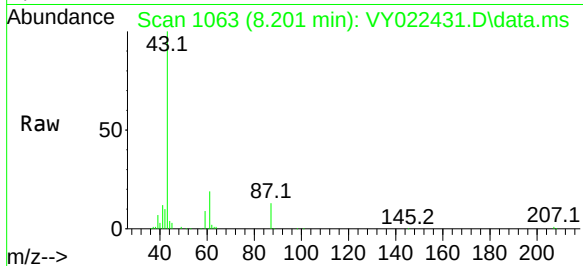




#43
Isopropyl Acetate
Concen: 19.685 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

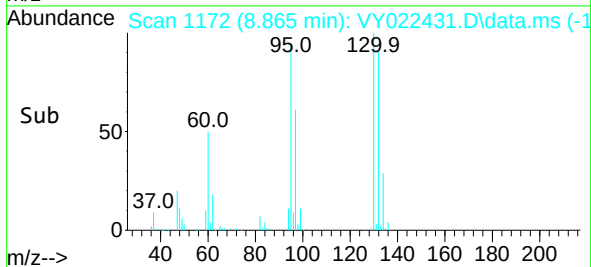
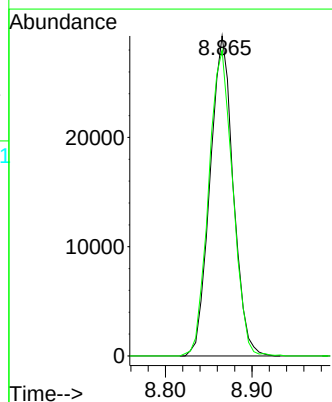
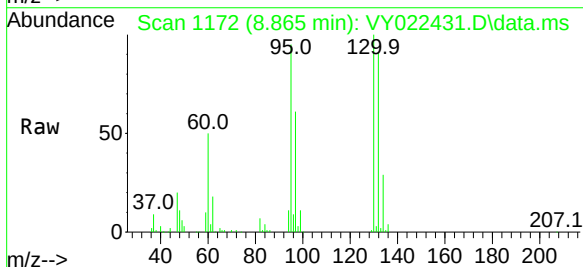
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

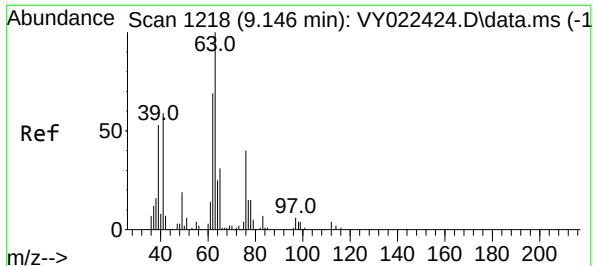
Tgt Ion: 43 Resp: 67176
Ion Ratio Lower Upper
43 100
61 20.0 15.4 23.0
87 13.4 10.6 15.8



#44
Trichloroethene
Concen: 20.172 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 130 Resp: 54523
Ion Ratio Lower Upper
130 100
95 95.5 0.0 194.8





#45

1,2-Dichloropropane

Concen: 21.134 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

Instrument :

MSVOA_Y

ClientSampleId :

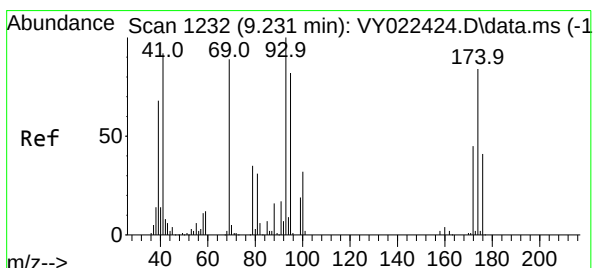
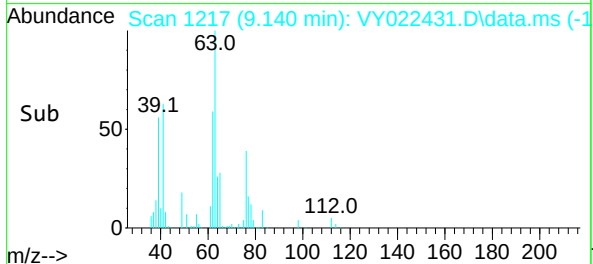
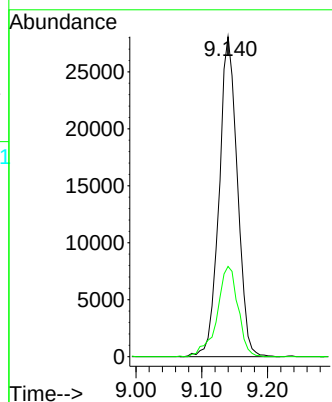
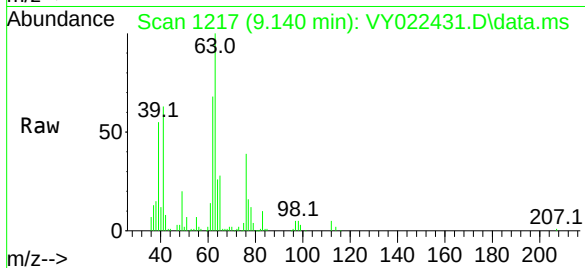
VY0527SBSD01

Tgt Ion: 63 Resp: 54293

Ion Ratio Lower Upper

63 100

65 28.2 25.1 37.7



#46

Dibromomethane

Concen: 19.596 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

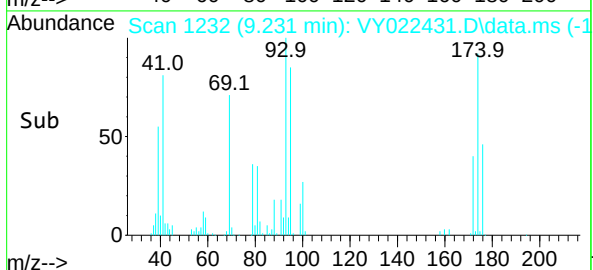
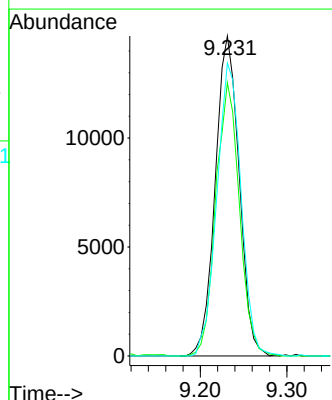
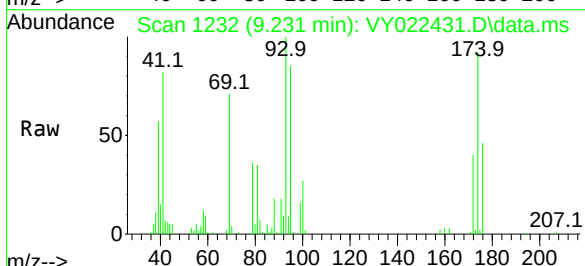
Tgt Ion: 93 Resp: 28122

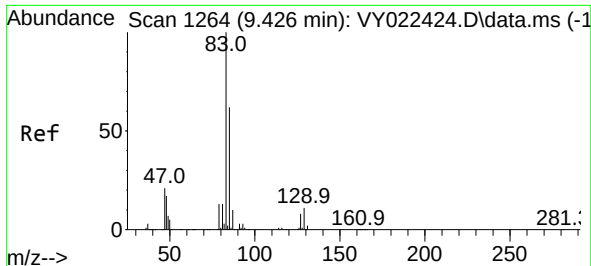
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.2

174 92.9 71.1 106.7

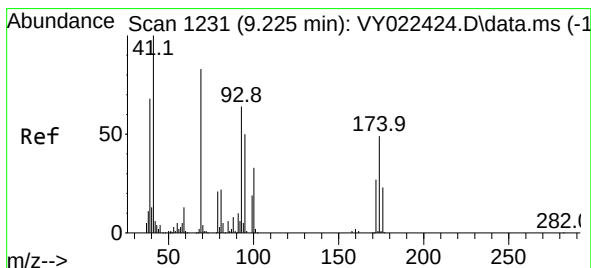
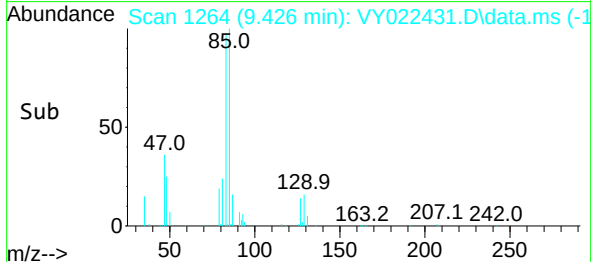
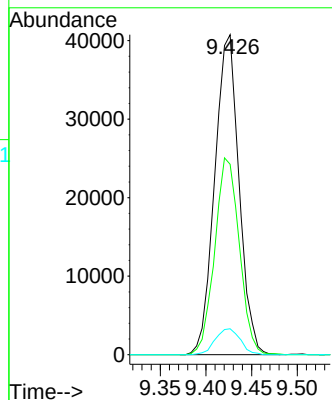
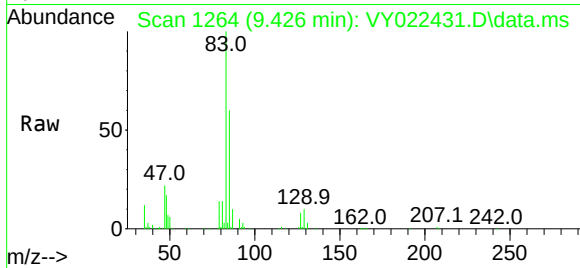




#47
Bromodichloromethane
Concen: 20.436 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

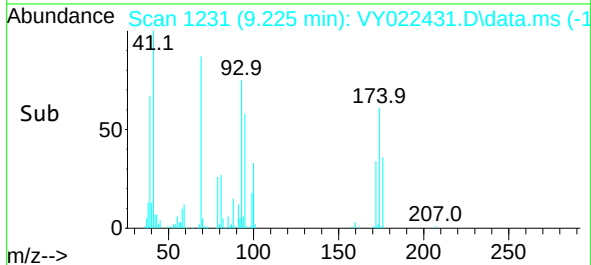
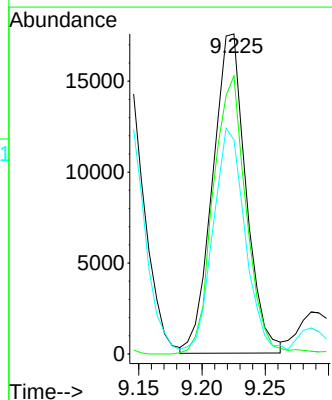
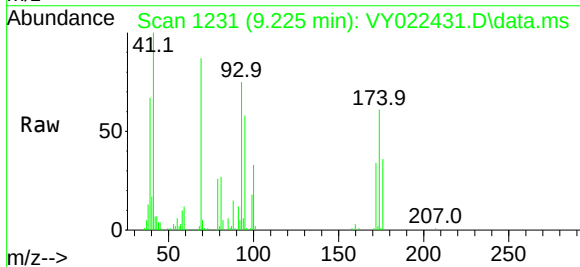
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

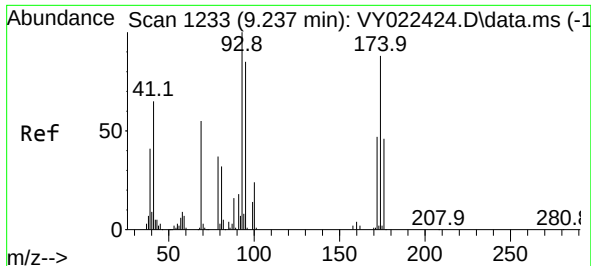
Tgt Ion: 83 Resp: 75418
Ion Ratio Lower Upper
83 100
85 59.5 49.8 74.6
127 8.1 6.6 9.8



#48
Methyl methacrylate
Concen: 20.387 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 41 Resp: 32294
Ion Ratio Lower Upper
41 100
69 86.4 70.3 105.5
39 65.5 55.4 83.0





#49

1,4-Dioxane

Concen: 423.884 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBSD01

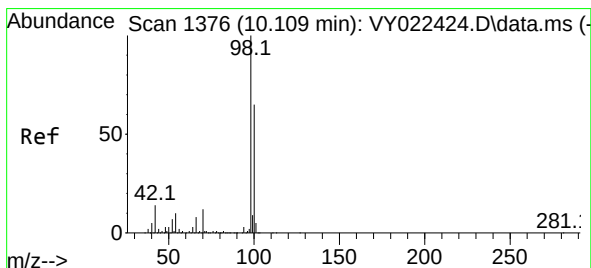
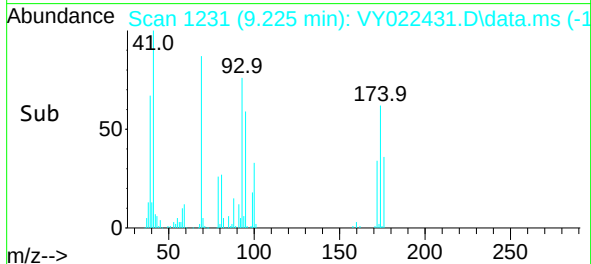
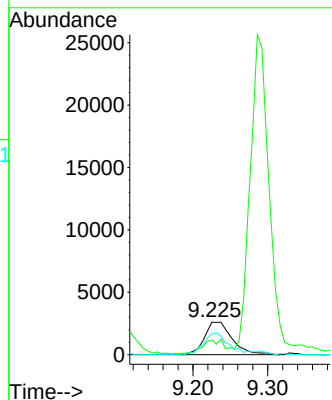
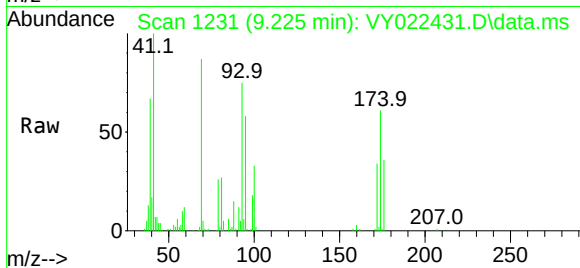
Tgt Ion: 88 Resp: 6719

Ion Ratio Lower Upper

88 100

43 33.8 26.9 40.3

58 61.2 55.8 83.6



#50

Toluene-d8

Concen: 53.259 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY022431.D

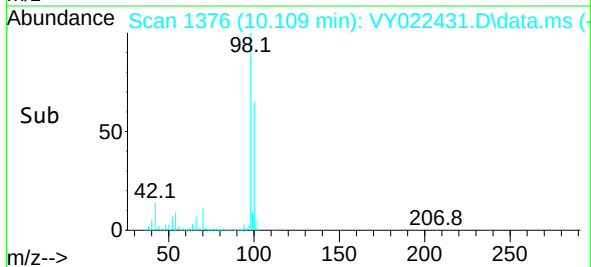
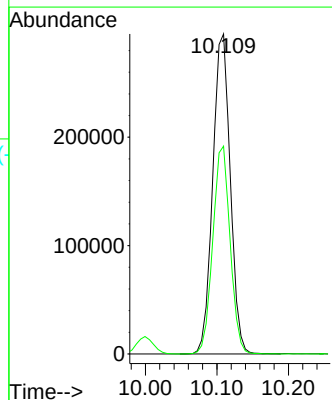
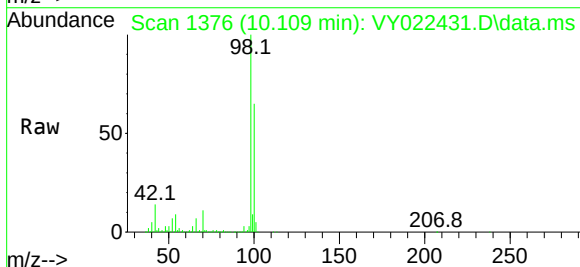
Acq: 27 May 2025 13:57

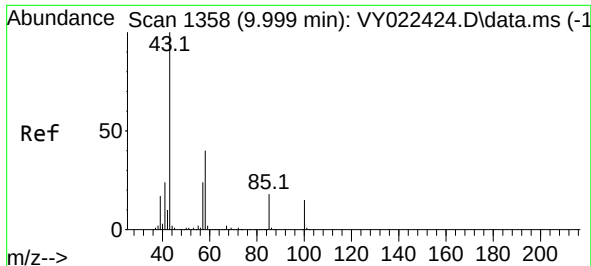
Tgt Ion: 98 Resp: 502760

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 97.416 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

Instrument :

MSVOA_Y

ClientSampleId :

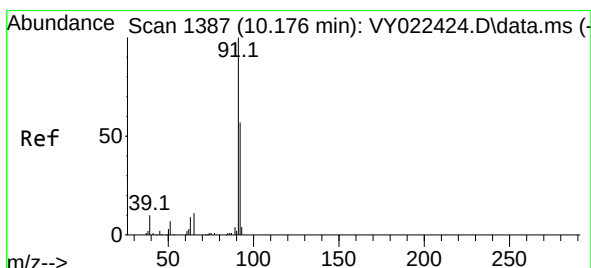
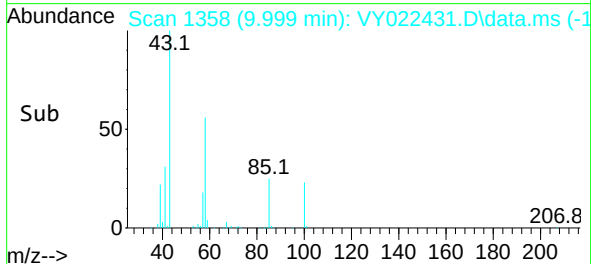
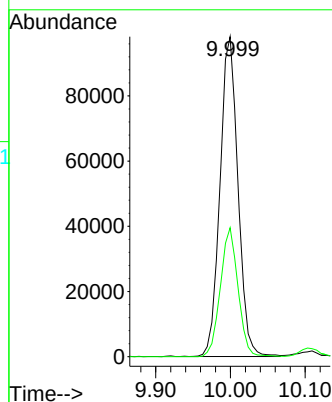
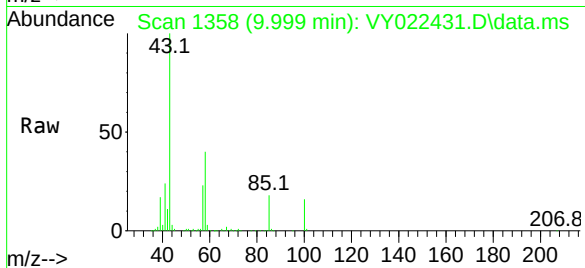
VY0527SBS01

Tgt Ion: 43 Resp: 164021

Ion Ratio Lower Upper

43 100

58 39.6 31.2 46.8



#52

Toluene

Concen: 20.503 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.006 min

Lab File: VY022431.D

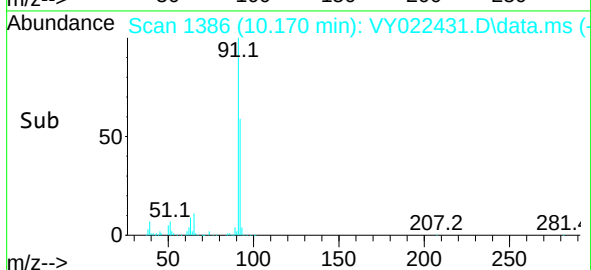
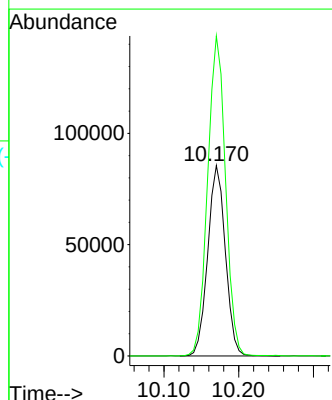
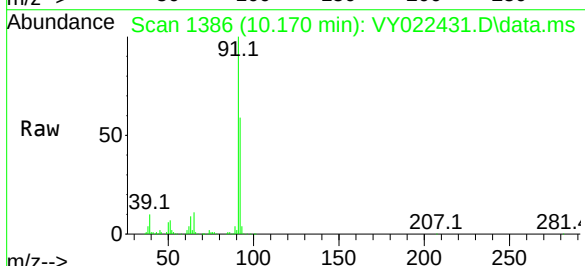
Acq: 27 May 2025 13:57

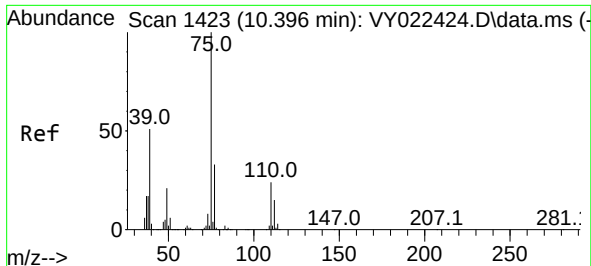
Tgt Ion: 92 Resp: 140020

Ion Ratio Lower Upper

92 100

91 170.2 139.8 209.6

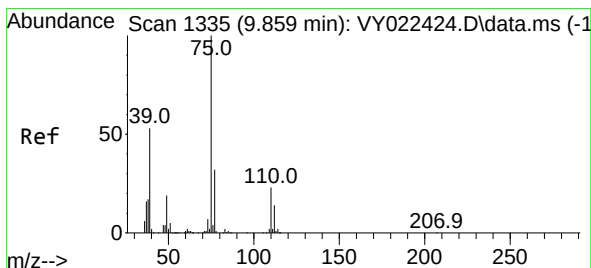
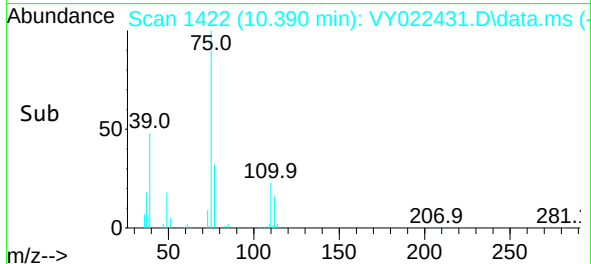
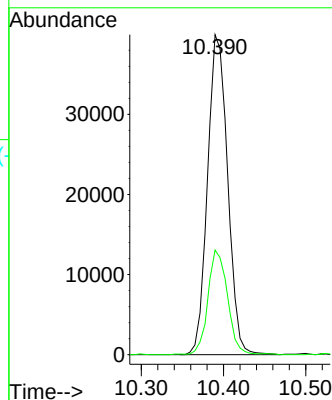
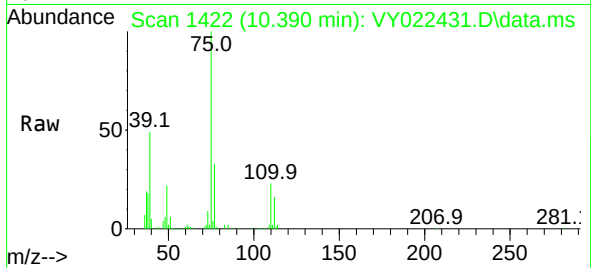




#53
t-1,3-Dichloropropene
Concen: 19.756 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

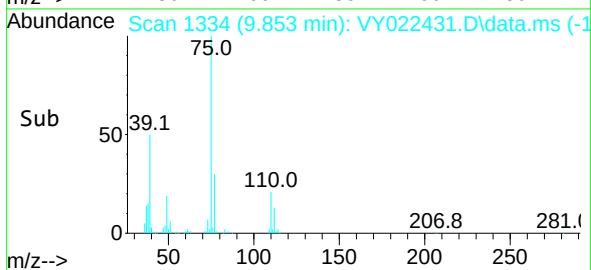
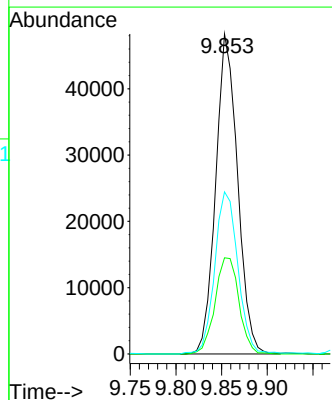
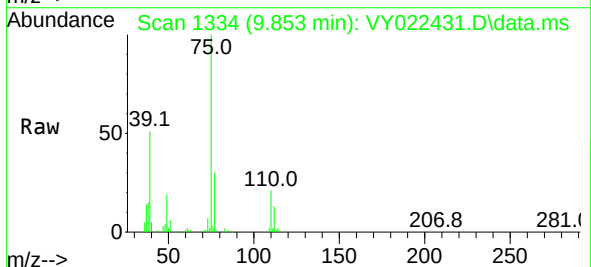
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

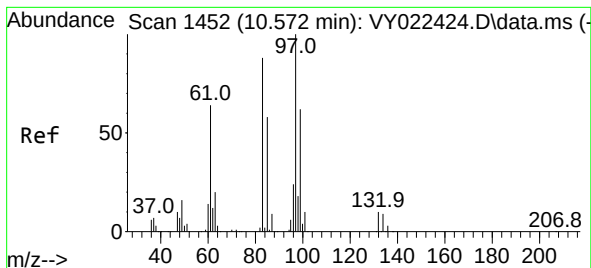
Tgt Ion: 75 Resp: 67912
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 19.899 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 75 Resp: 80375
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.2
39 50.6 42.5 63.7

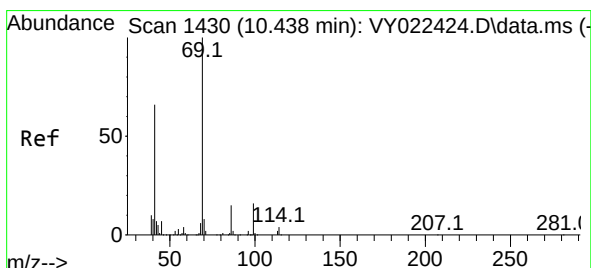
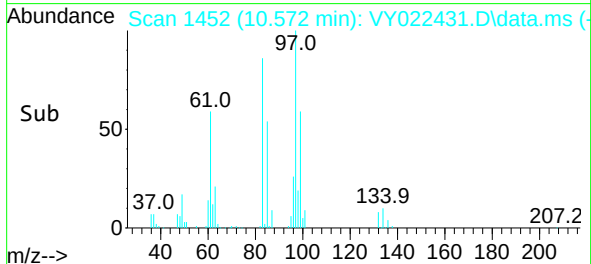
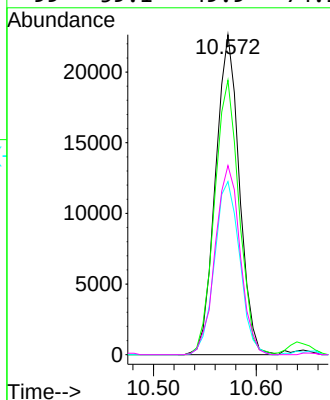
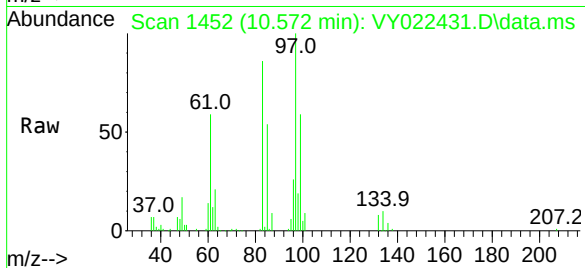




#55
 1,1,2-Trichloroethane
 Concen: 20.057 ug/l
 RT: 10.572 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY022431.D
 Acq: 27 May 2025 13:57

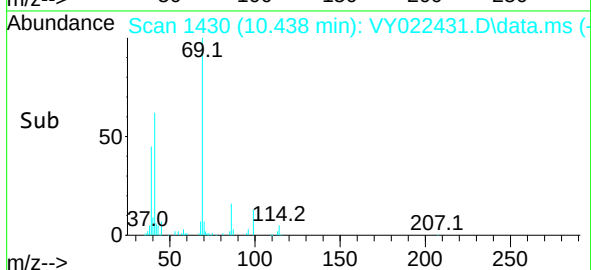
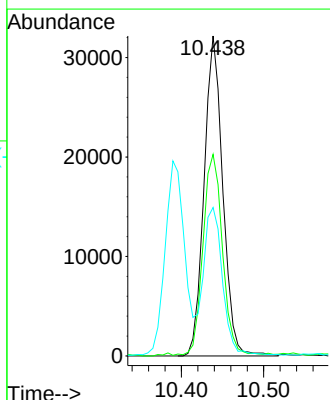
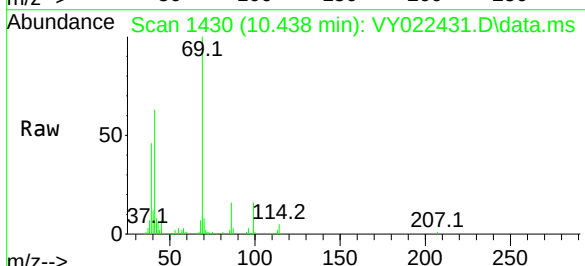
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBSD01

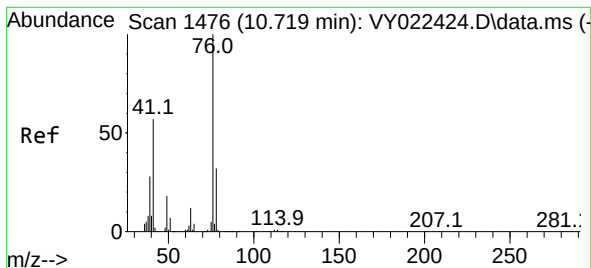
Tgt Ion:	97	Resp:	36393
Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.2	105.4
85	54.1	46.1	69.1
99	59.1	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 19.538 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: VY022431.D
 Acq: 27 May 2025 13:57

Tgt Ion:	69	Resp:	50872
Ion	Ratio	Lower	Upper
69	100		
41	65.1	51.2	76.8
39	47.9	35.2	52.8





#57

1,3-Dichloropropane

Concen: 20.534 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

Instrument :

MSVOA_Y

ClientSampleId :

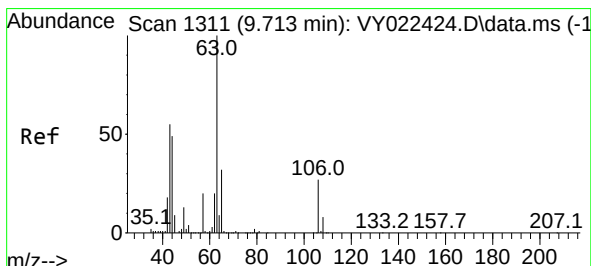
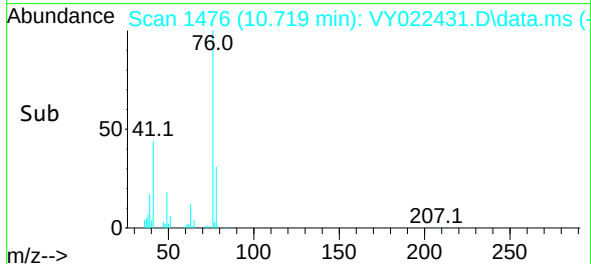
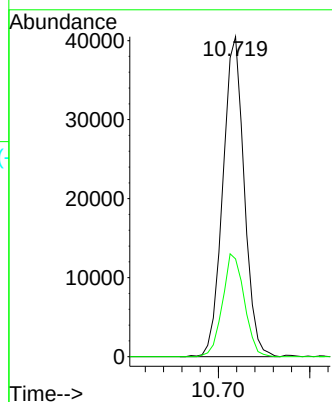
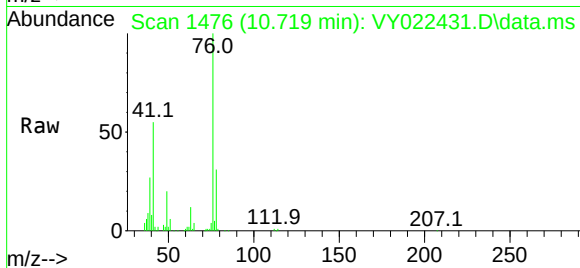
VY0527SBSD01

Tgt Ion: 76 Resp: 65656

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 96.184 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022431.D

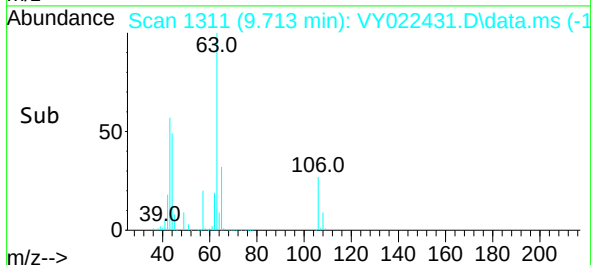
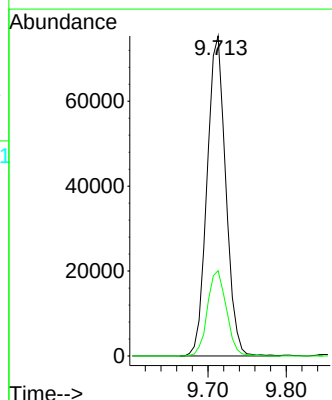
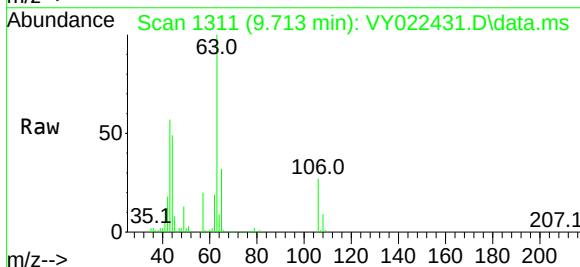
Acq: 27 May 2025 13:57

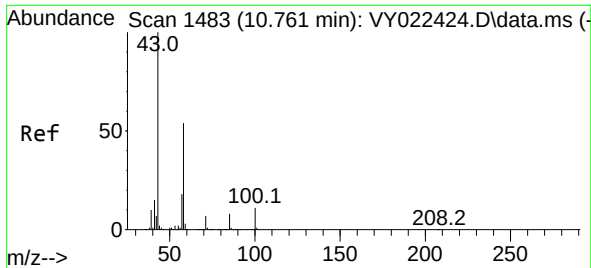
Tgt Ion: 63 Resp: 124817

Ion Ratio Lower Upper

63 100

106 27.0 22.2 33.2

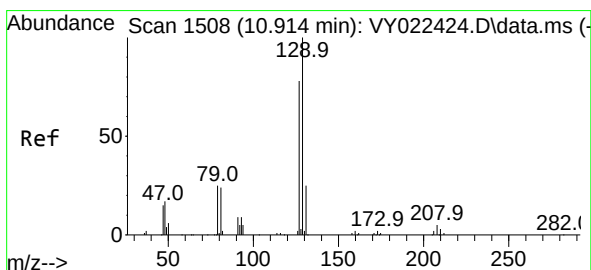
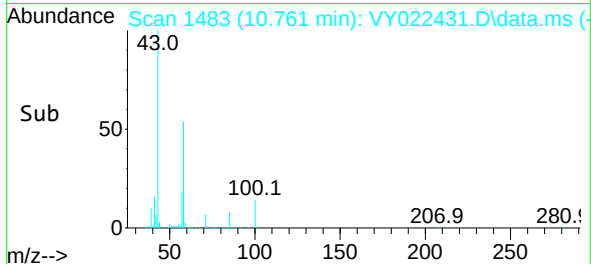
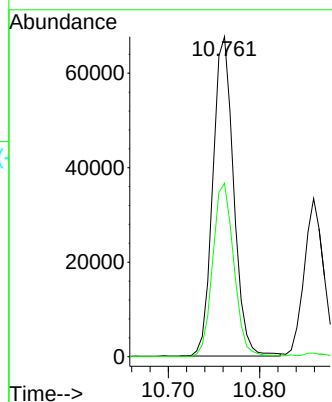
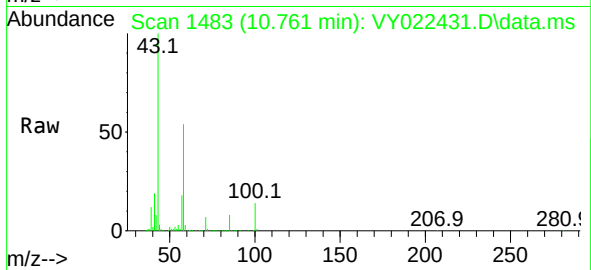




#59
2-Hexanone
Concen: 97.004 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

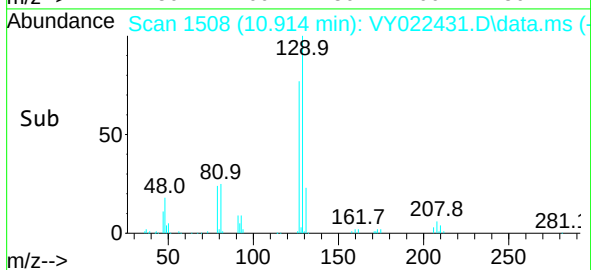
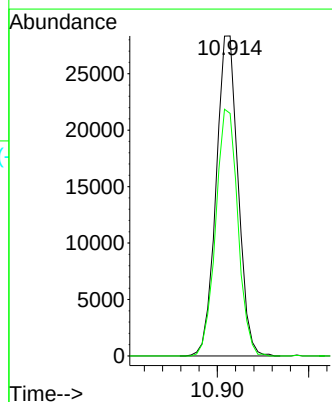
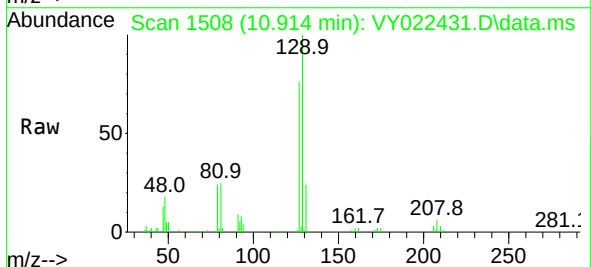
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

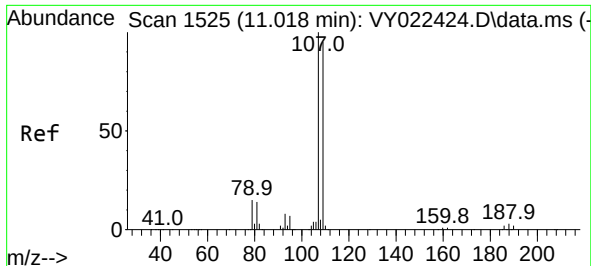
Tgt Ion: 43 Resp: 107036
Ion Ratio Lower Upper
43 100
58 55.3 27.1 81.2



#60
Dibromochloromethane
Concen: 20.389 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 129 Resp: 47257
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.8

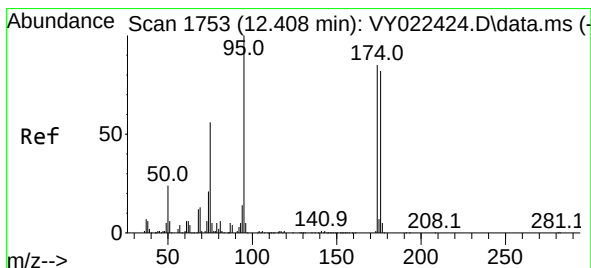
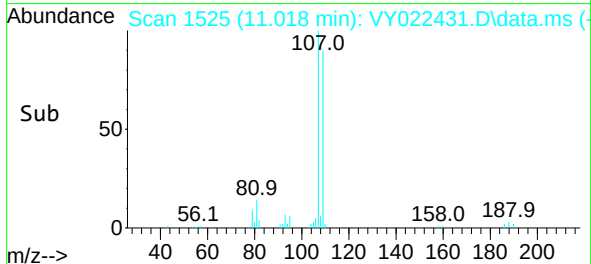
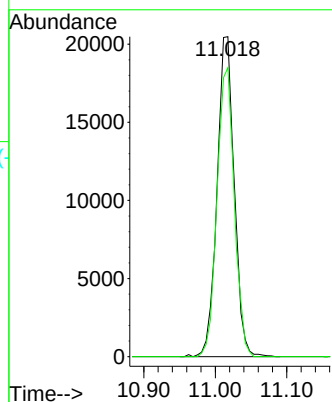
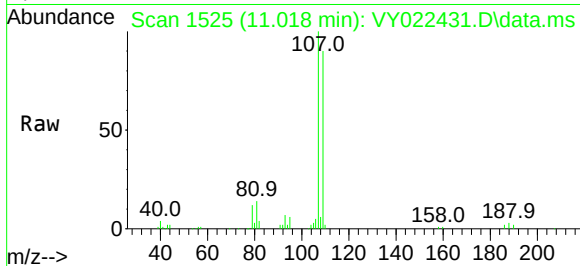




#61
1,2-Dibromoethane
Concen: 20.620 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

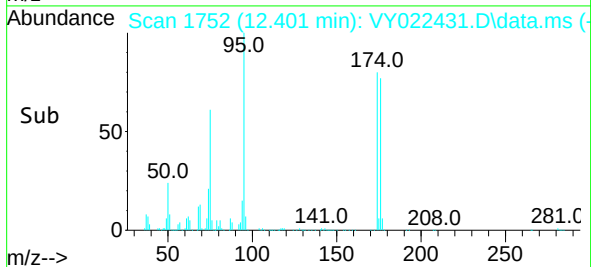
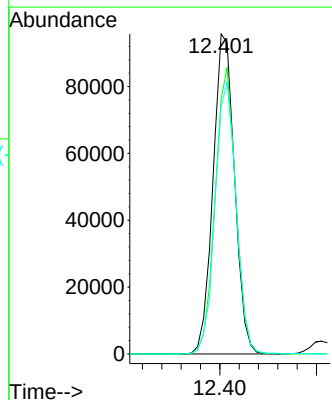
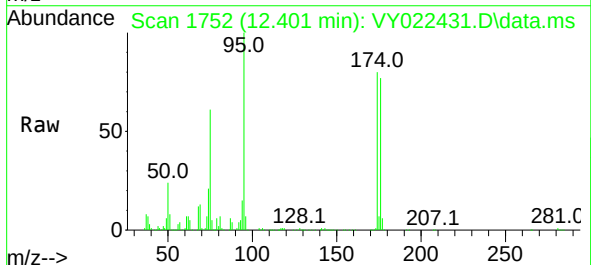
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

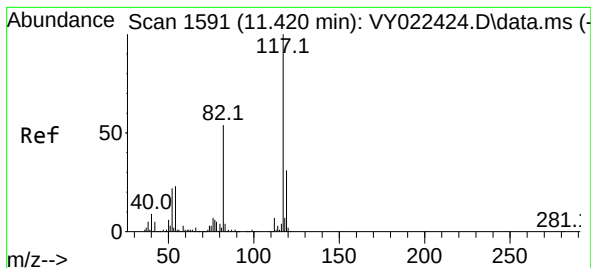
Tgt Ion:107 Resp: 34220
Ion Ratio Lower Upper
107 100
109 90.6 74.0 111.0



#62
4-Bromofluorobenzene
Concen: 51.658 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 95 Resp: 147506
Ion Ratio Lower Upper
95 100
174 86.2 0.0 171.6
176 83.3 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBSD01

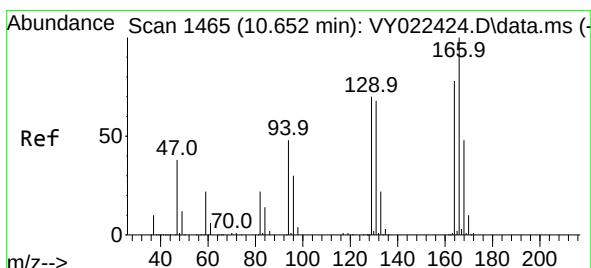
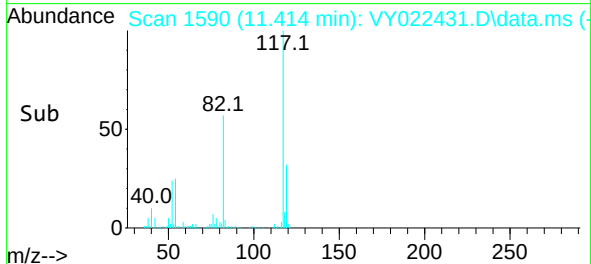
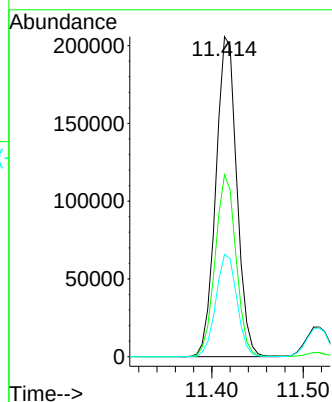
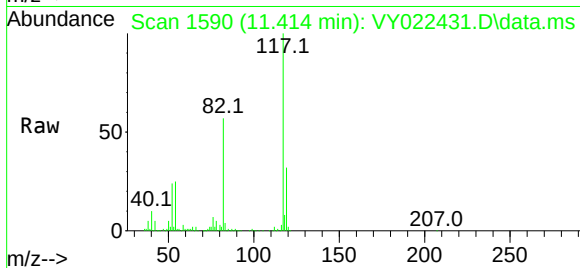
Tgt Ion:117 Resp: 328377

Ion Ratio Lower Upper

117 100

82 56.8 43.3 64.9

119 31.9 24.5 36.7



#64

Tetrachloroethene

Concen: 20.065 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

Tgt Ion:164 Resp: 56116

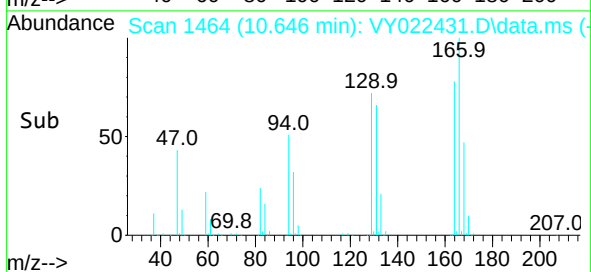
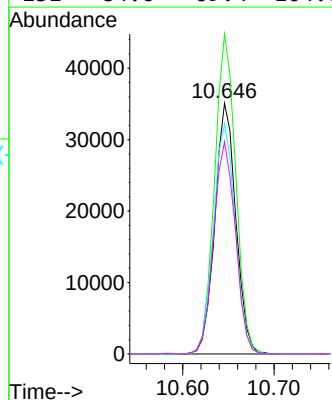
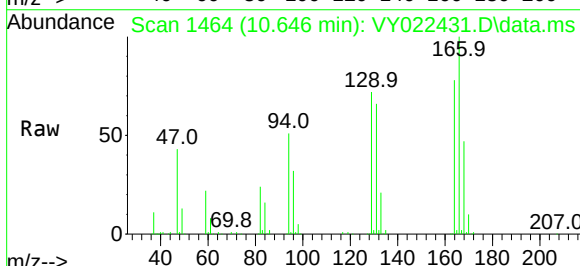
Ion Ratio Lower Upper

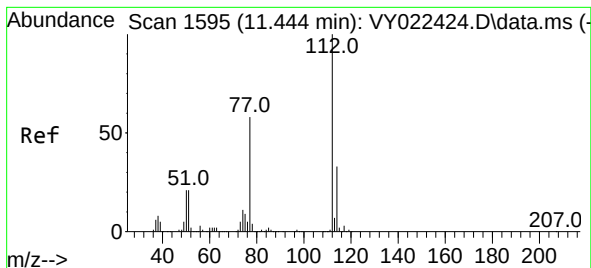
164 100

166 127.7 102.0 153.0

129 91.7 71.3 106.9

131 84.6 69.4 104.0





#65

Chlorobenzene

Concen: 20.509 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

Instrument :

MSVOA_Y

ClientSampleId :

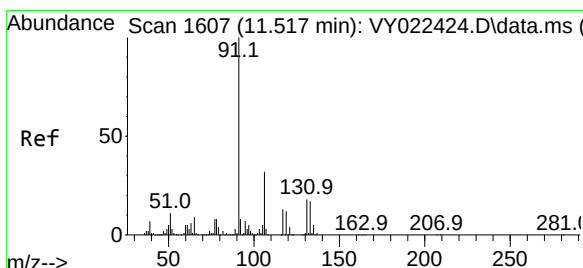
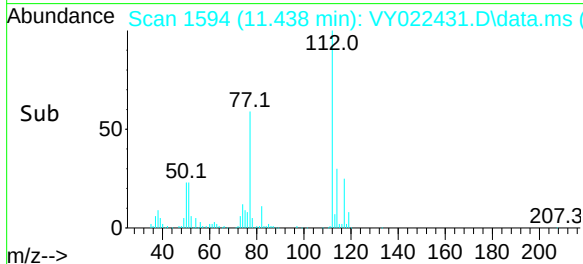
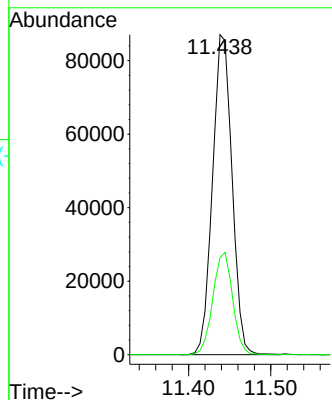
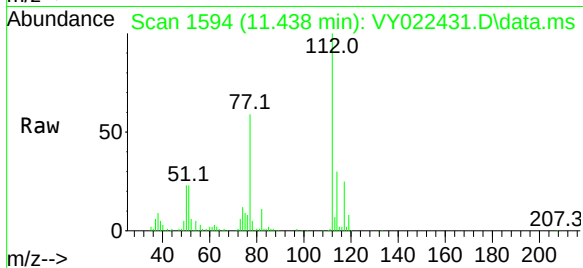
VY0527SBSD01

Tgt Ion:112 Resp: 143605

Ion Ratio Lower Upper

112 100

114 30.3 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 20.462 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

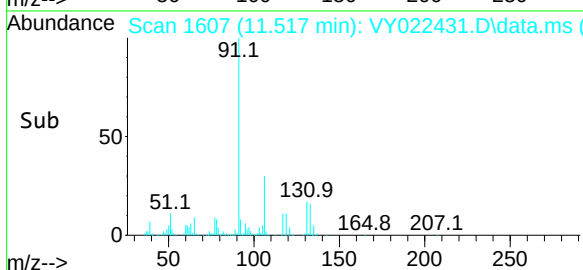
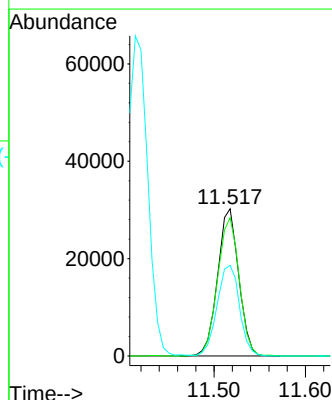
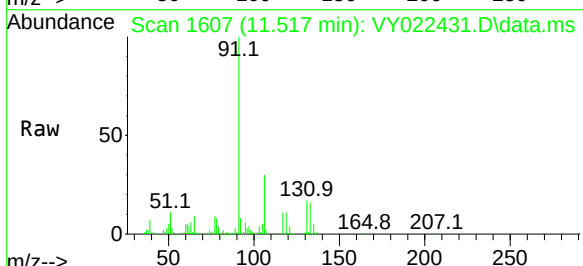
Tgt Ion:131 Resp: 48543

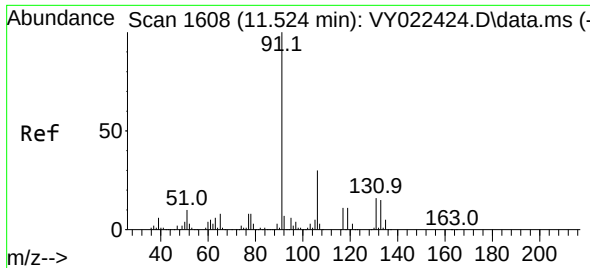
Ion Ratio Lower Upper

131 100

133 96.2 46.6 139.8

119 65.2 33.3 99.8

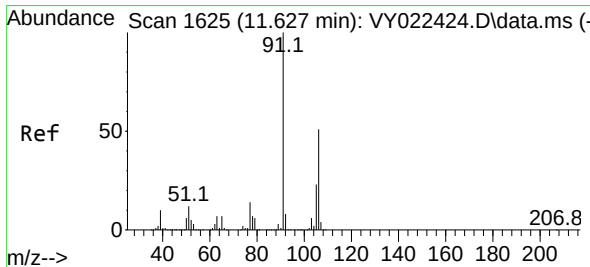
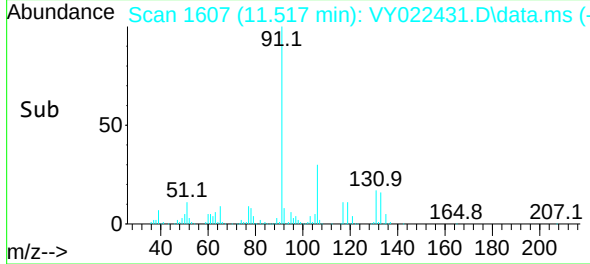
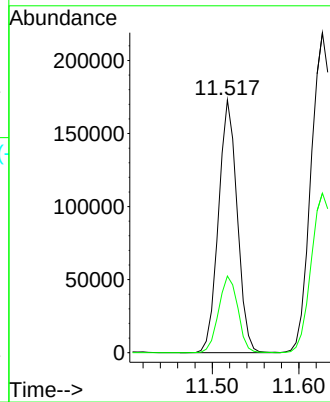
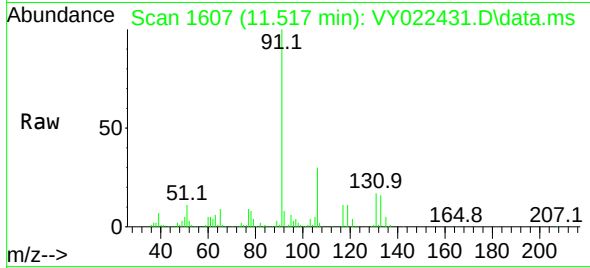




#67
Ethyl Benzene
Concen: 20.004 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

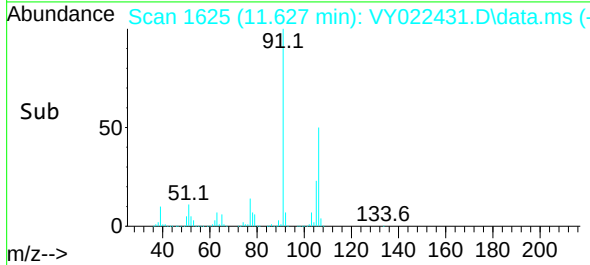
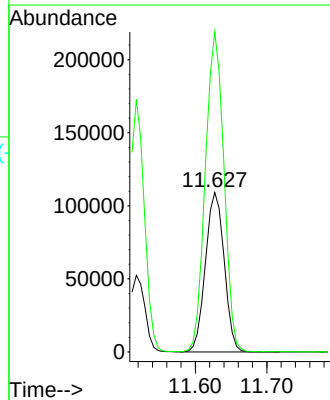
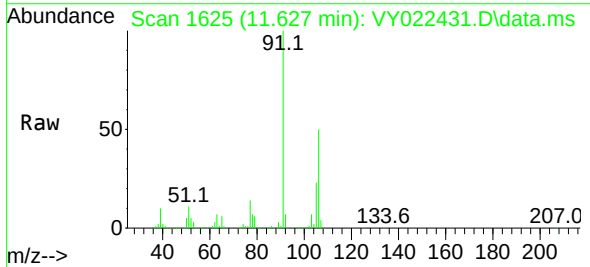
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

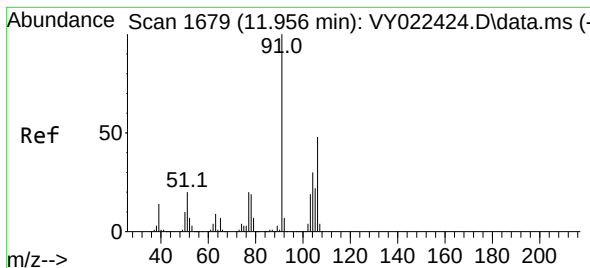
Tgt Ion: 91 Resp: 260074
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#68
m/p-Xylenes
Concen: 40.328 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion:106 Resp: 198788
Ion Ratio Lower Upper
106 100
91 198.5 159.8 239.8





#69

o-Xylene

Concen: 20.320 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

Instrument :

MSVOA_Y

ClientSampleId :

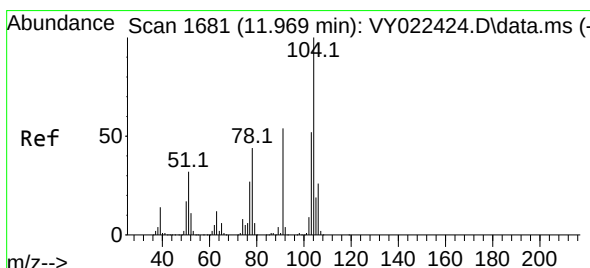
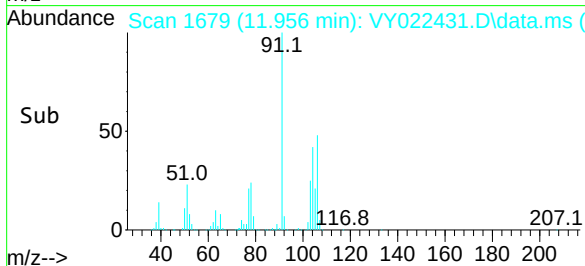
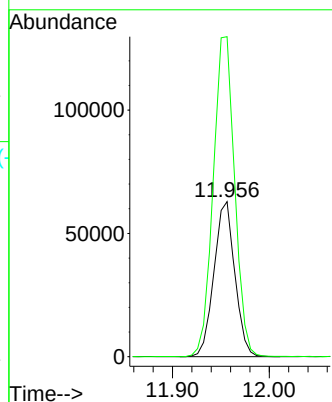
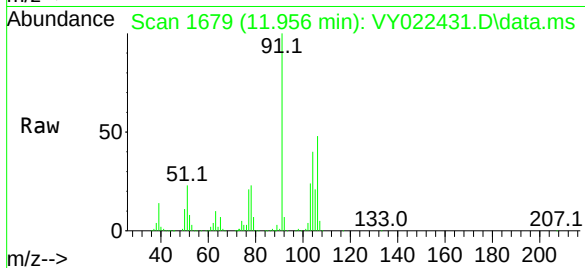
VY0527SBSD01

Tgt Ion:106 Resp: 94138

Ion Ratio Lower Upper

106 100

91 212.8 106.3 318.9



#70

Styrene

Concen: 20.127 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

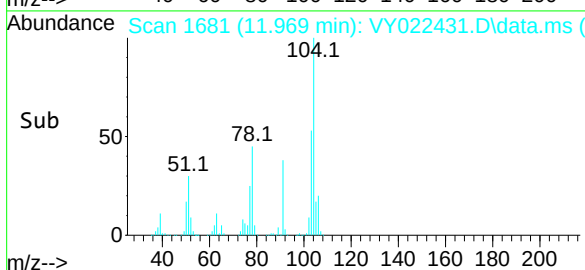
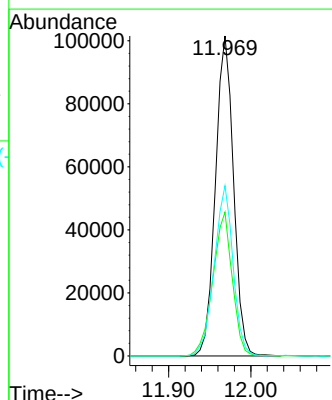
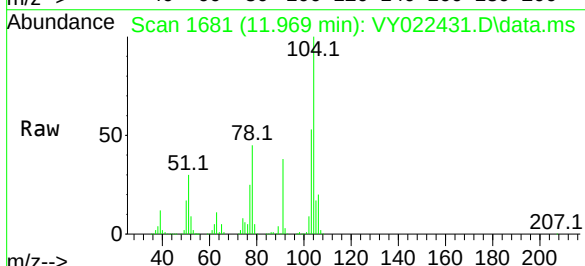
Tgt Ion:104 Resp: 155257

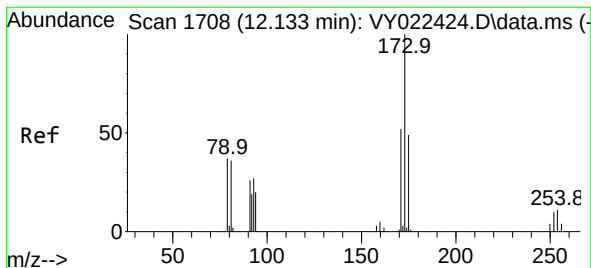
Ion Ratio Lower Upper

104 100

78 48.4 38.8 58.2

103 55.8 43.4 65.2





#71

Bromoform

Concen: 20.238 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBSD01

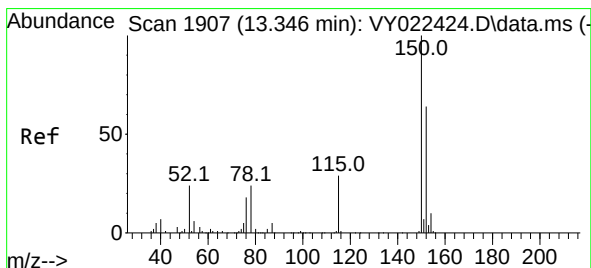
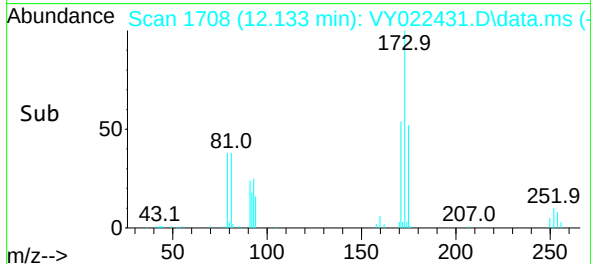
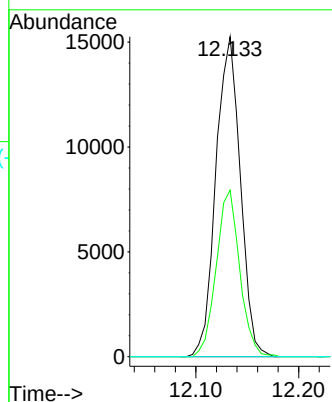
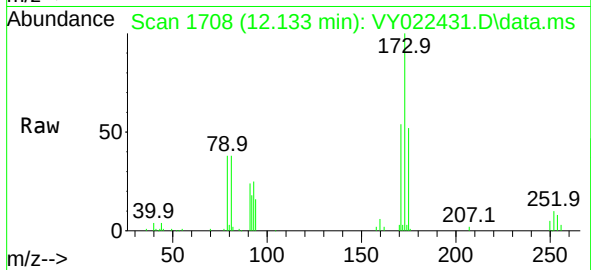
Tgt Ion:173 Resp: 25148

Ion Ratio Lower Upper

173 100

175 50.1 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

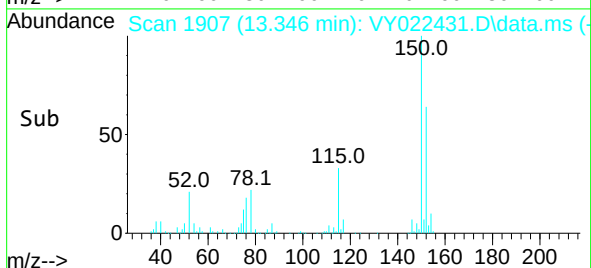
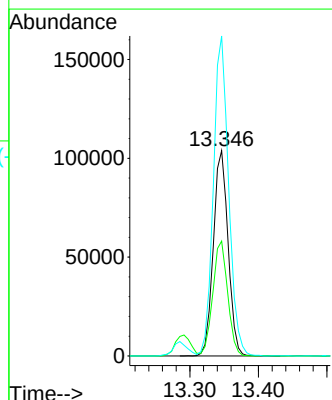
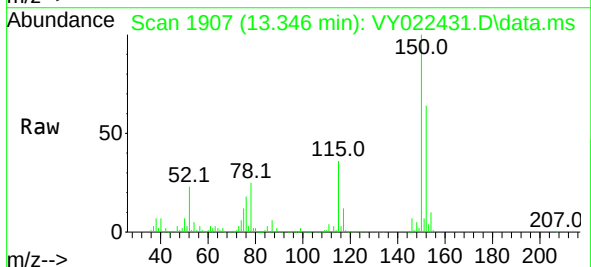
Tgt Ion:152 Resp: 155135

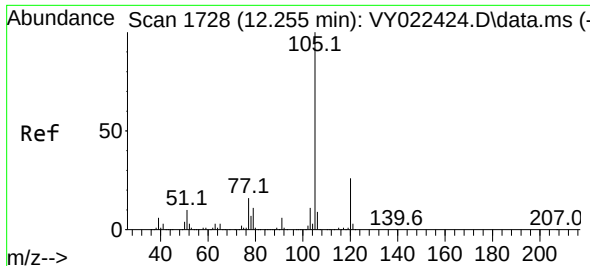
Ion Ratio Lower Upper

152 100

115 56.4 28.4 85.3

150 161.2 0.0 345.8

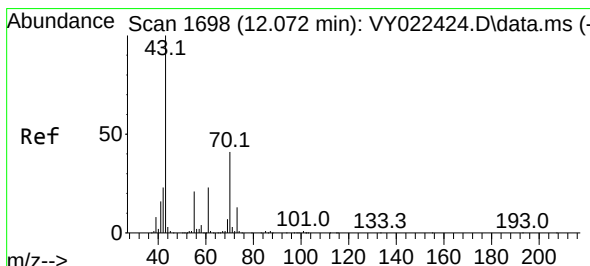
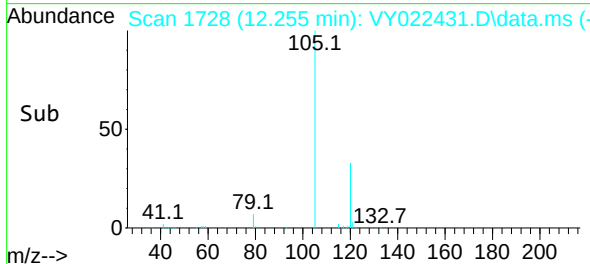
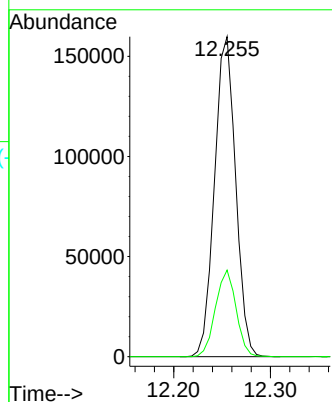
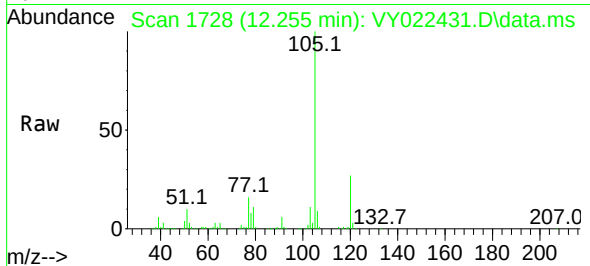




#73
Isopropylbenzene
Concen: 19.839 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

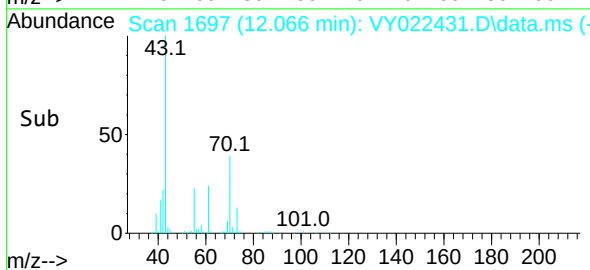
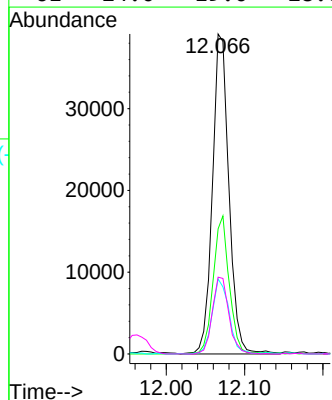
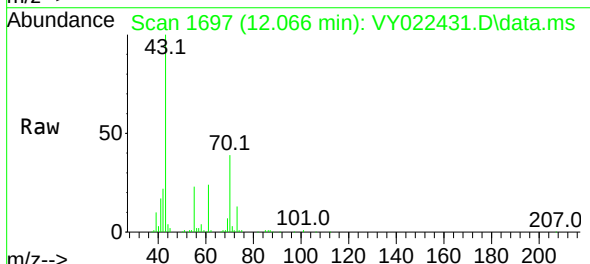
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

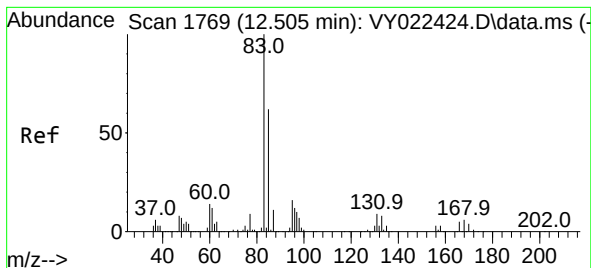
Tgt Ion:105 Resp: 242229
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5



#74
N-ethyl acetate
Concen: 19.183 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 43 Resp: 57313
Ion Ratio Lower Upper
43 100
70 42.2 33.0 49.4
55 23.7 17.5 26.3
61 24.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.962 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBSD01

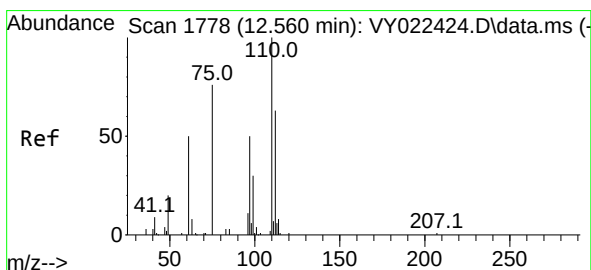
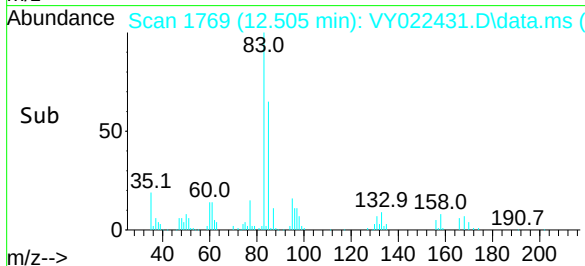
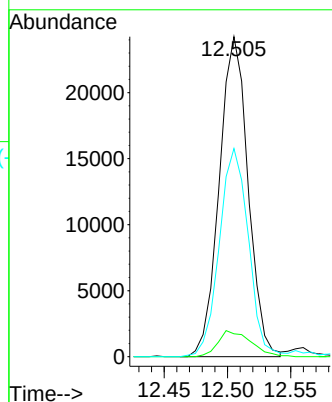
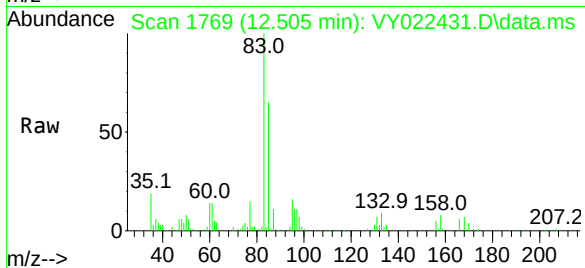
Tgt Ion: 83 Resp: 38401

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.4

85 65.7 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 34.736 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY022431.D

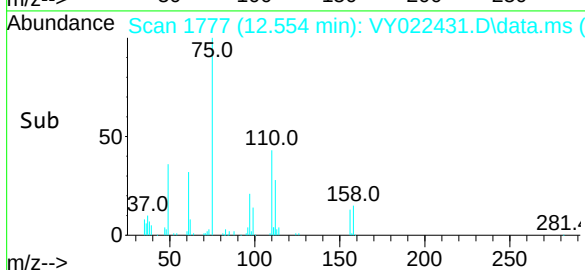
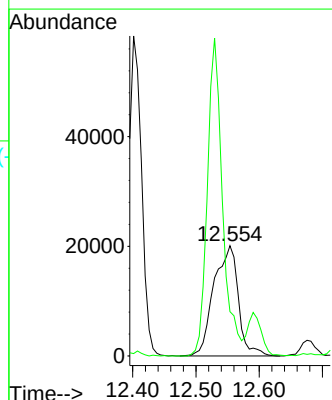
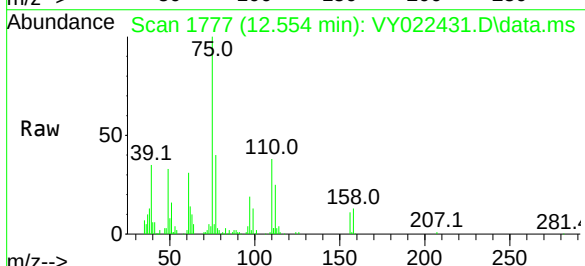
Acq: 27 May 2025 13:57

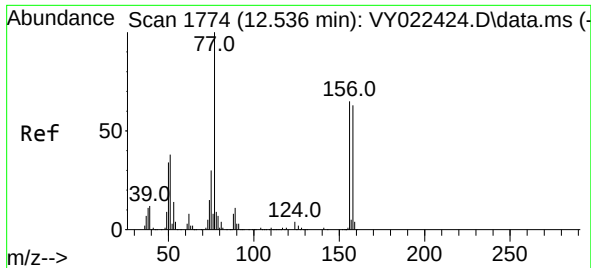
Tgt Ion: 75 Resp: 53977

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

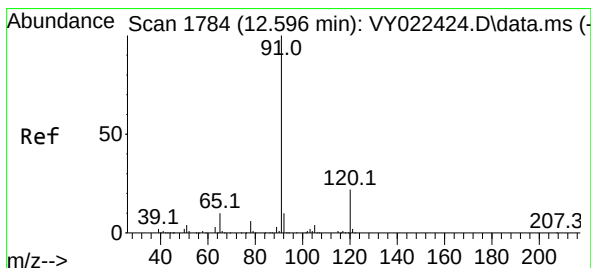
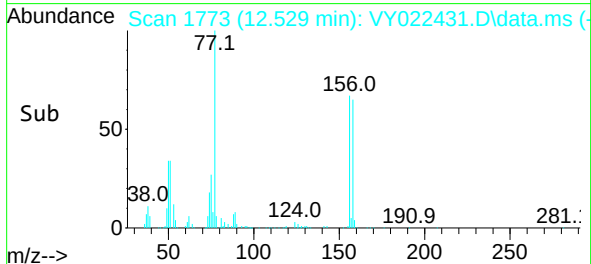
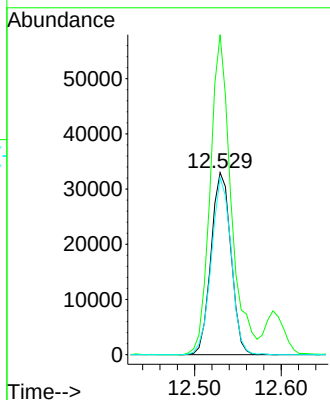
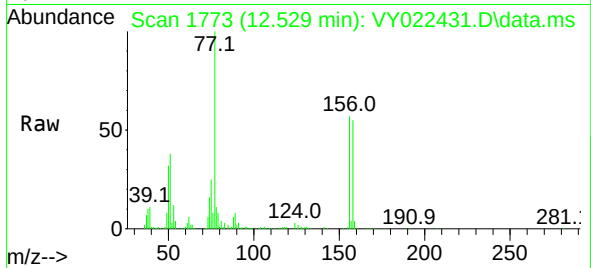




#77
Bromobenzene
Concen: 20.061 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

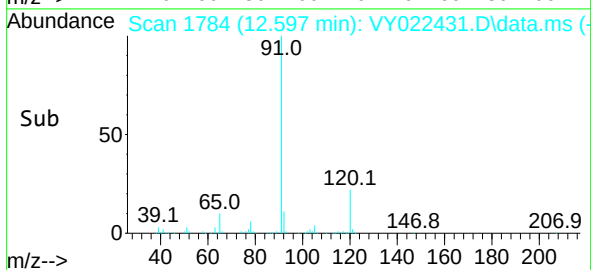
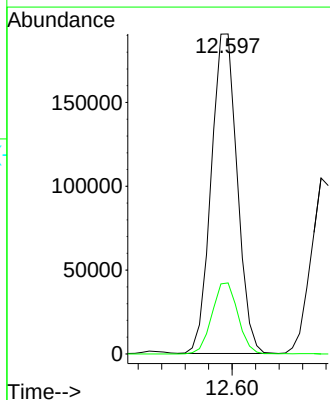
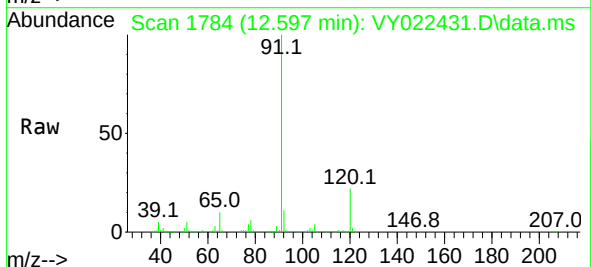
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

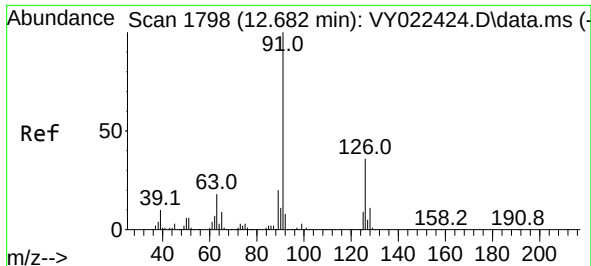
Tgt Ion:156 Resp: 52711
Ion Ratio Lower Upper
156 100
77 184.0 91.4 274.2
158 96.9 48.1 144.3



#78
n-propylbenzene
Concen: 19.996 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 91 Resp: 293000
Ion Ratio Lower Upper
91 100
120 22.2 11.2 33.5

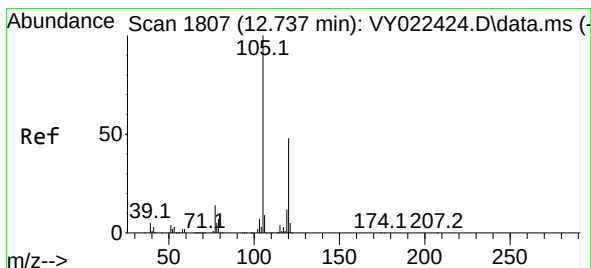
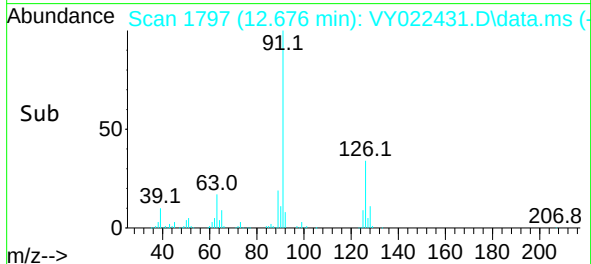
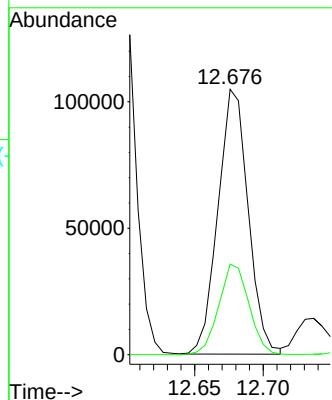
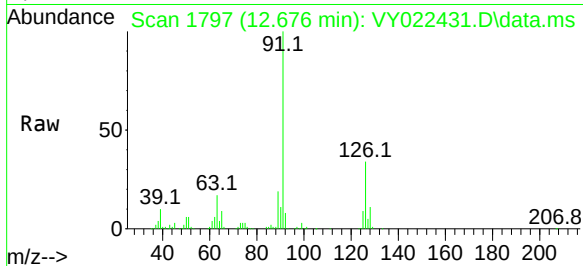




#79
2-Chlorotoluene
Concen: 20.299 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

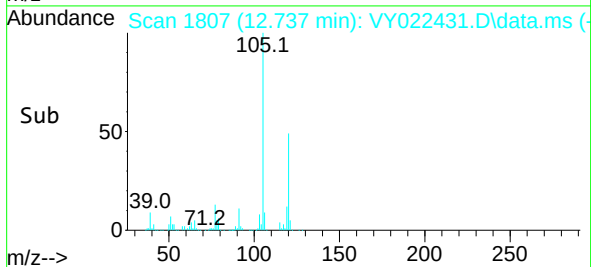
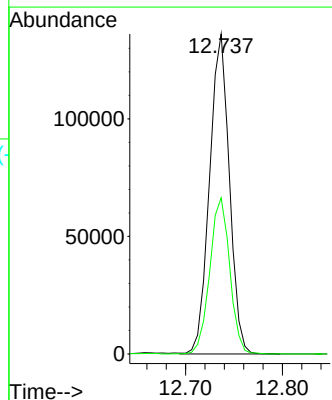
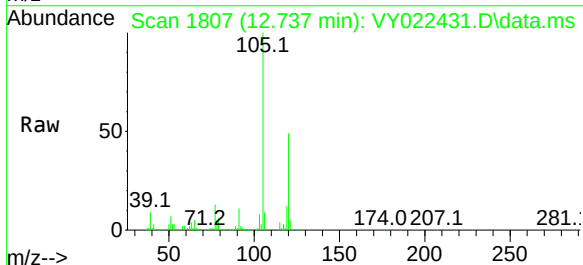
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

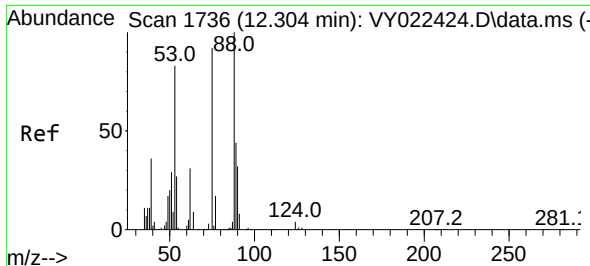
Tgt Ion: 91 Resp: 161004
Ion Ratio Lower Upper
91 100
126 34.2 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.266 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 105 Resp: 193338
Ion Ratio Lower Upper
105 100
120 49.2 24.3 73.0

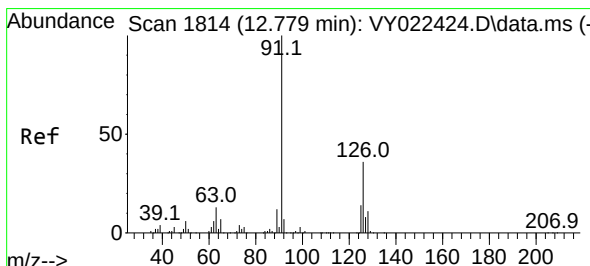
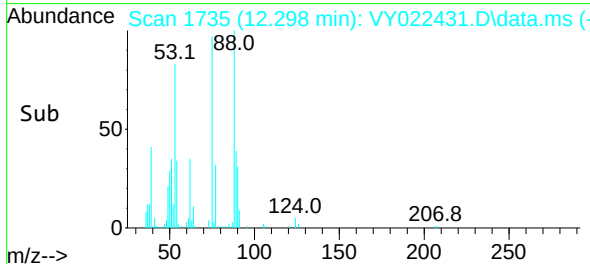
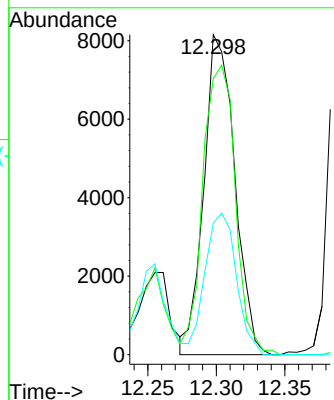
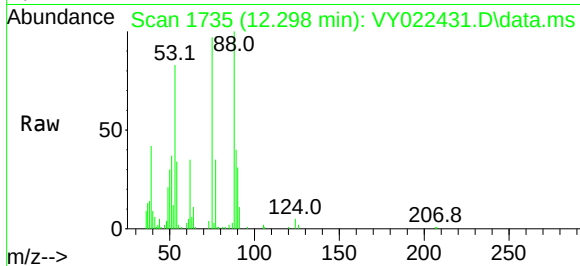




#81
trans-1,4-Dichloro-2-butene
Concen: 18.622 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

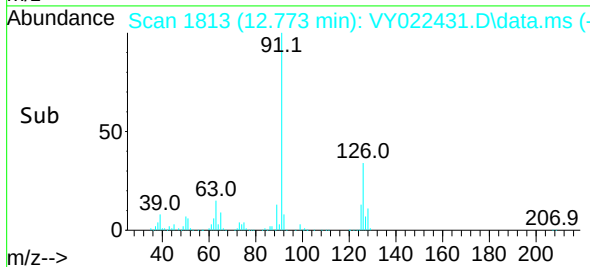
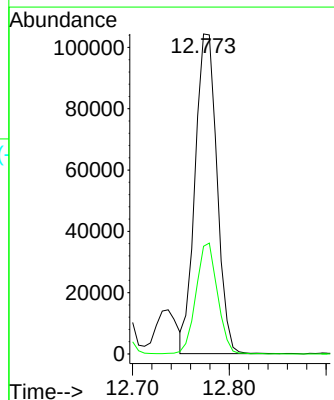
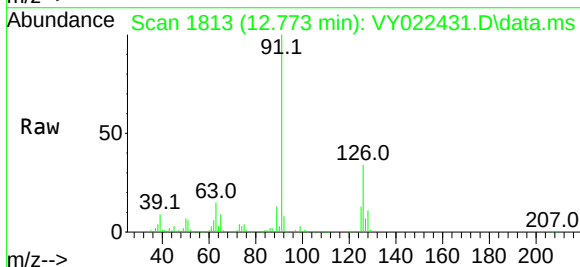
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

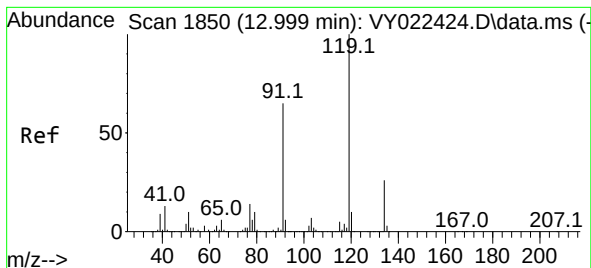
Tgt Ion: 75 Resp: 12796
Ion Ratio Lower Upper
75 100
53 94.8 75.1 112.7
89 44.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.081 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022431.D
Acq: 27 May 2025 13:57

Tgt Ion: 91 Resp: 164043
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.456 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBSD01

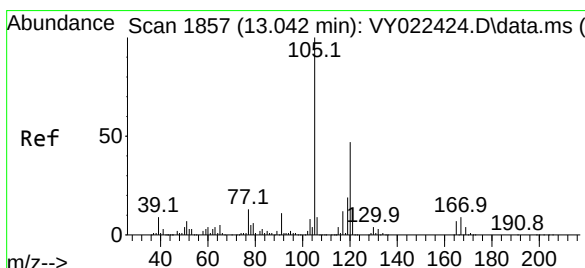
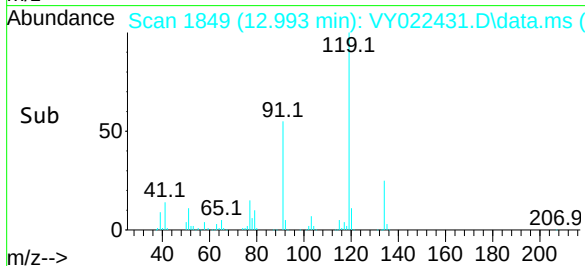
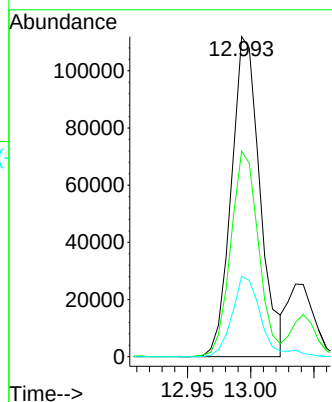
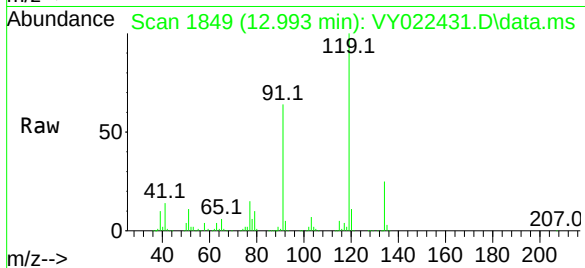
Tgt Ion:119 Resp: 176319

Ion Ratio Lower Upper

119 100

91 62.3 31.8 95.3

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.855 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022431.D

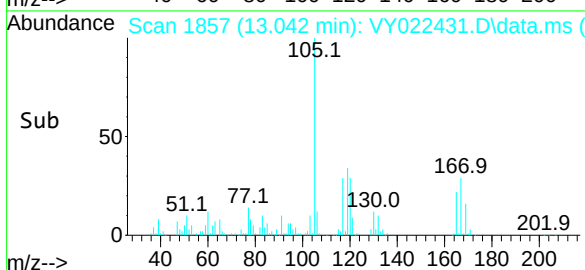
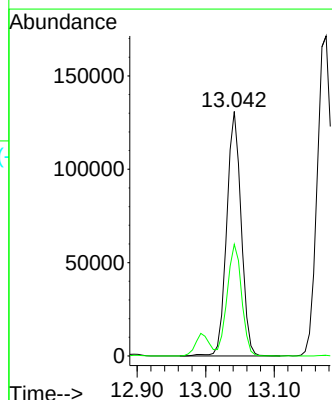
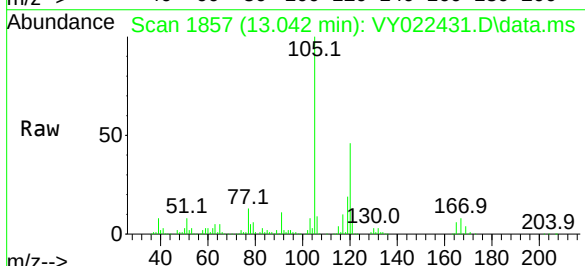
Acq: 27 May 2025 13:57

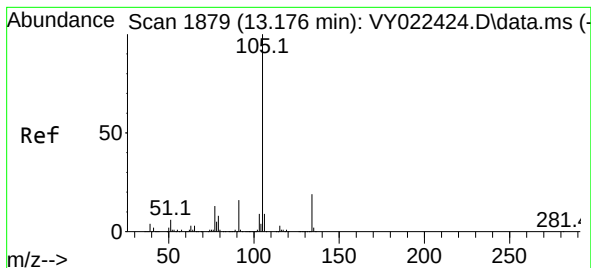
Tgt Ion:105 Resp: 190610

Ion Ratio Lower Upper

105 100

120 46.3 22.9 68.5

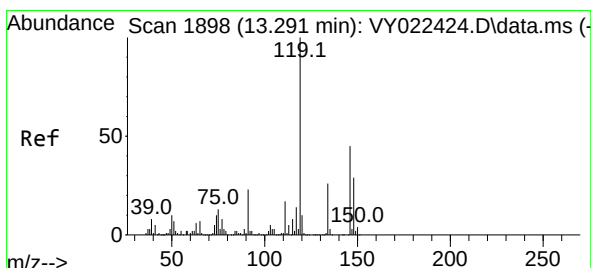
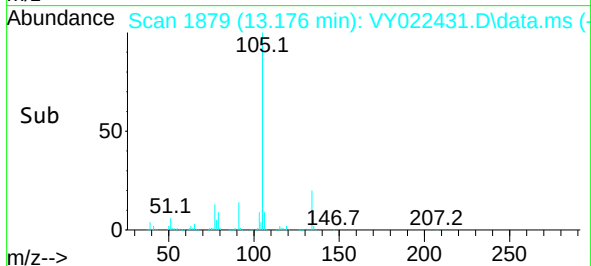
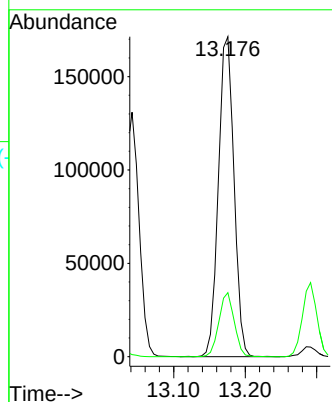
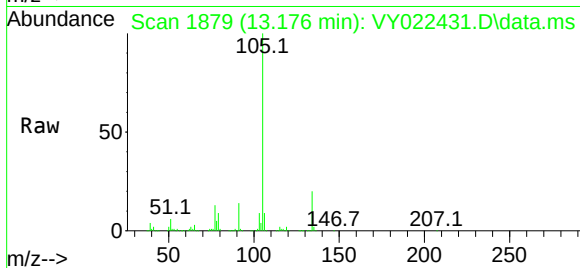




#85
 sec-Butylbenzene
 Concen: 20.285 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022431.D
 Acq: 27 May 2025 13:57

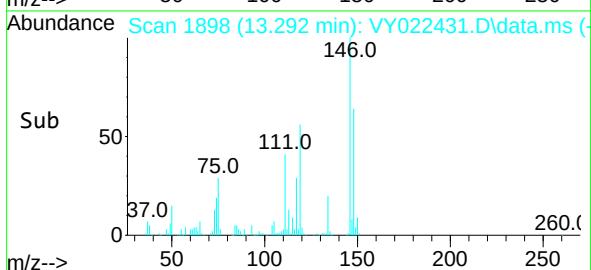
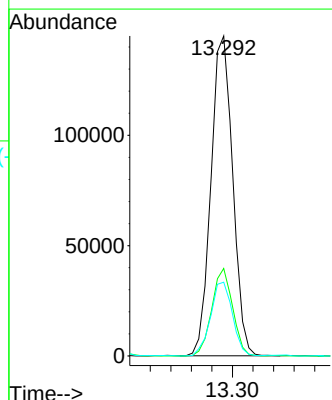
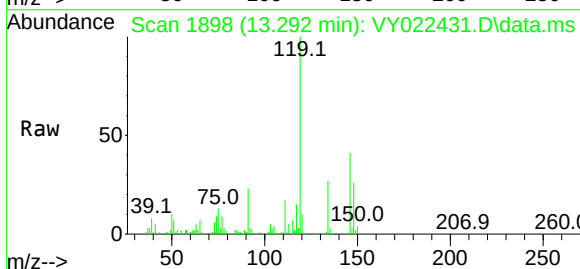
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBSD01

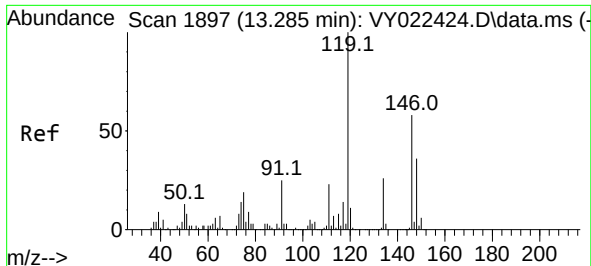
Tgt Ion:105 Resp: 259295
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.970 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022431.D
 Acq: 27 May 2025 13:57

Tgt Ion:119 Resp: 213163
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 23.3 11.6 34.8

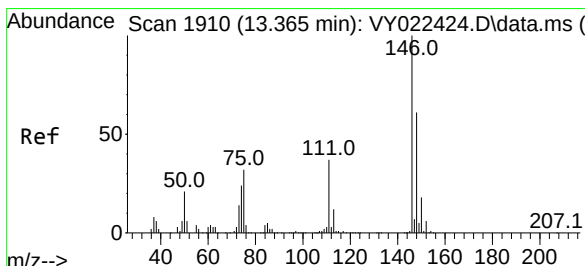
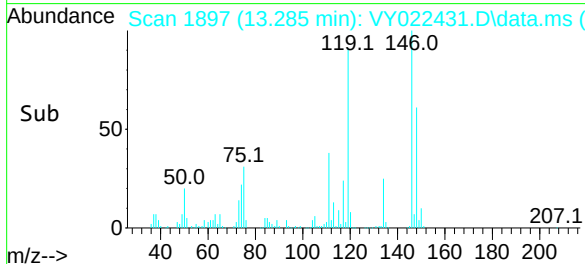
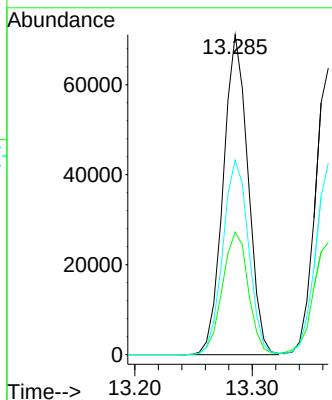
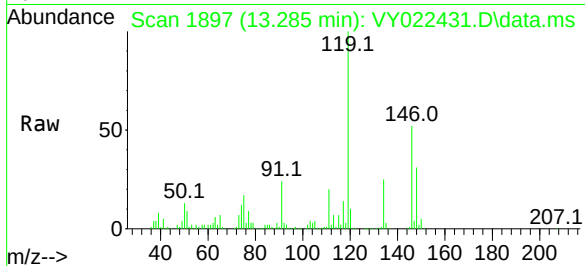




#87
 1,3-Dichlorobenzene
 Concen: 19.719 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY022431.D
 Acq: 27 May 2025 13:57

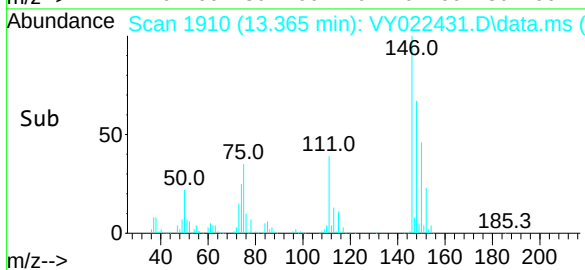
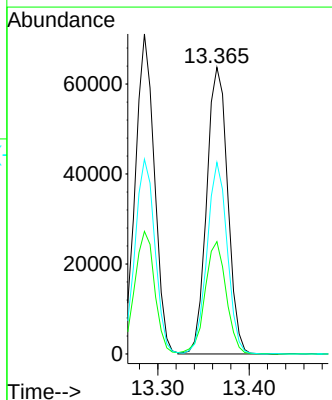
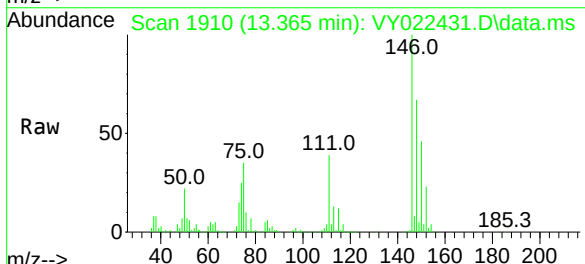
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBSD01

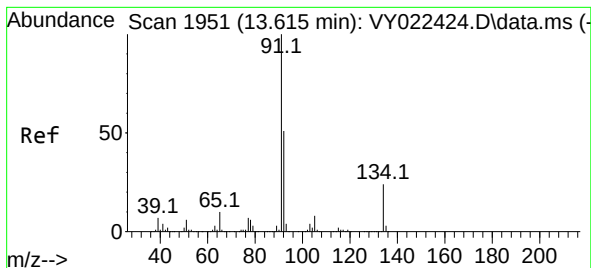
Tgt Ion:146 Resp: 104251
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.6 58.8
 148 63.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 20.082 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY022431.D
 Acq: 27 May 2025 13:57

Tgt Ion:146 Resp: 101516
 Ion Ratio Lower Upper
 146 100
 111 39.5 18.7 56.1
 148 64.5 31.4 94.3





#89

n-Butylbenzene

Concen: 20.309 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBSD01

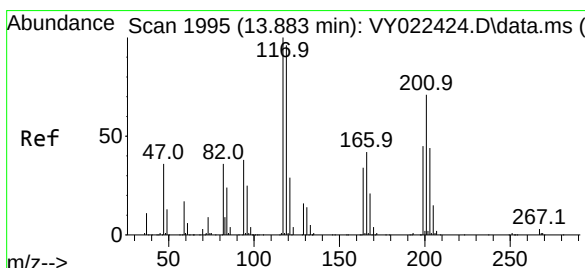
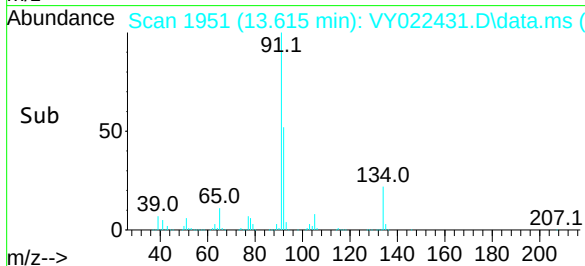
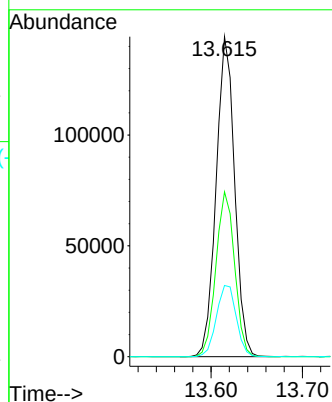
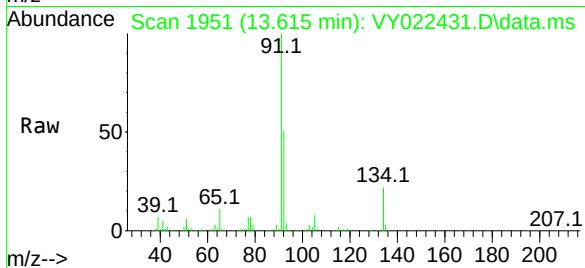
Tgt Ion: 91 Resp: 203256

Ion Ratio Lower Upper

91 100

92 52.0 25.9 77.6

134 23.9 12.4 37.0



#90

Hexachloroethane

Concen: 20.455 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022431.D

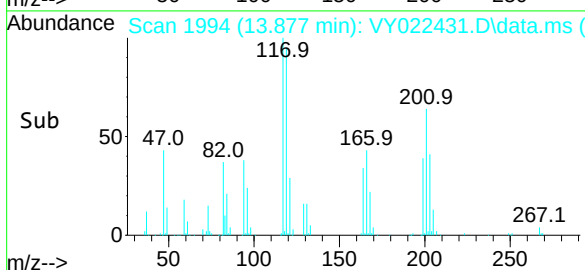
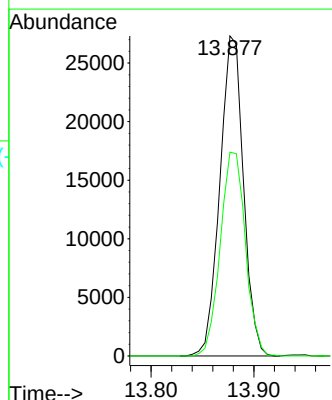
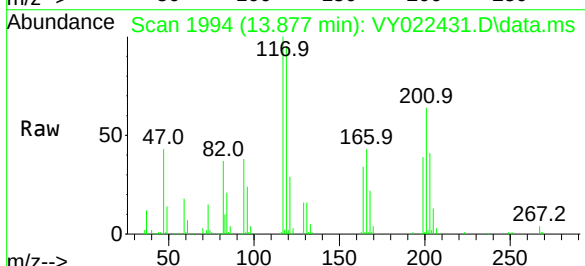
Acq: 27 May 2025 13:57

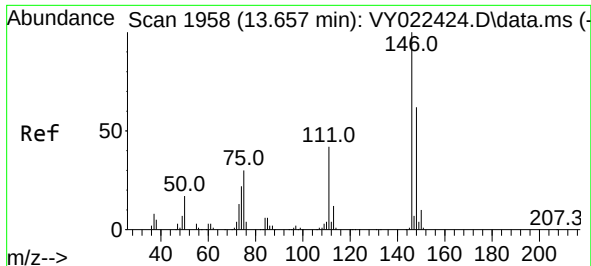
Tgt Ion: 117 Resp: 43450

Ion Ratio Lower Upper

117 100

201 68.0 35.0 105.0

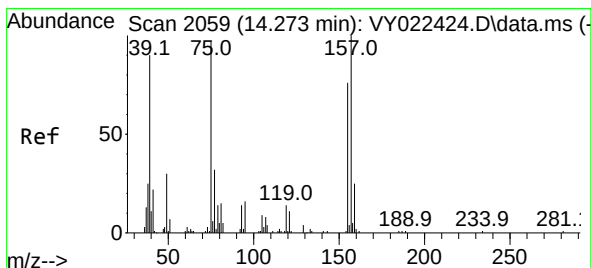
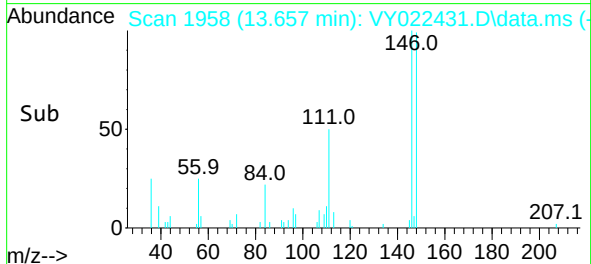
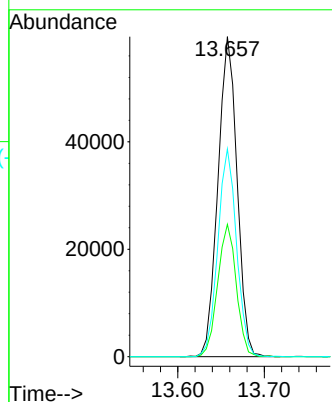
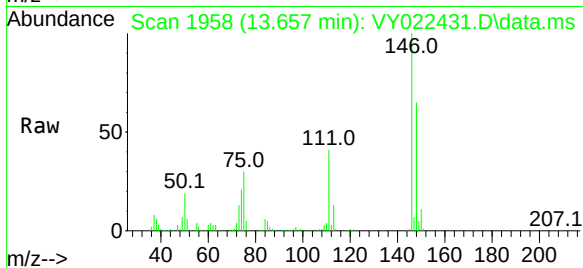




#91
 1,2-Dichlorobenzene
 Concen: 20.712 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY022431.D
 Acq: 27 May 2025 13:57

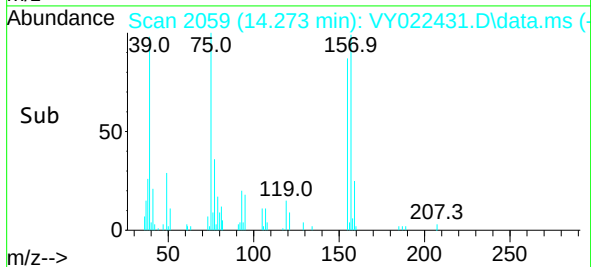
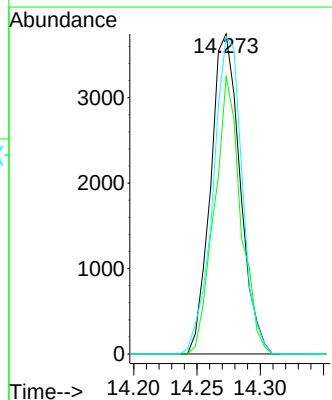
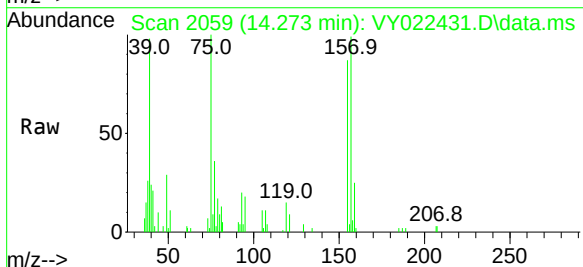
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBSD01

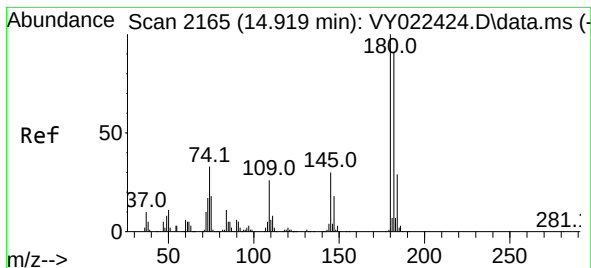
Tgt Ion:	146	Resp:	91460
Ion Ratio	Lower	Upper	
146	100		
111	40.2	20.5	61.6
148	63.5	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.390 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY022431.D
 Acq: 27 May 2025 13:57

Tgt Ion:	75	Resp:	6061
Ion Ratio	Lower	Upper	
75	100		
155	77.6	42.3	126.8
157	98.1	54.4	163.3





#93

1,2,4-Trichlorobenzene

Concen: 20.816 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBSD01

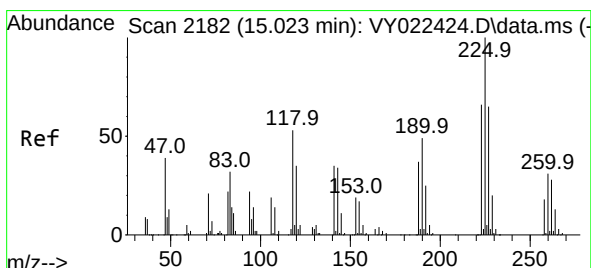
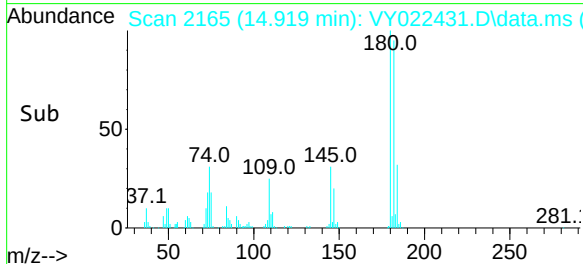
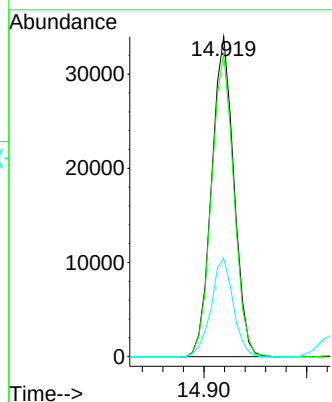
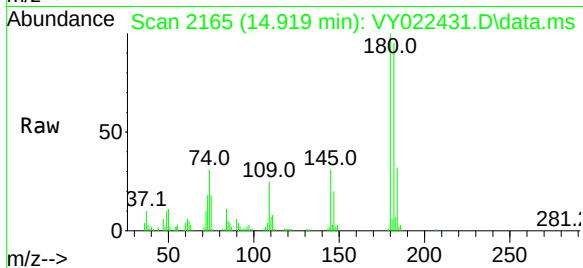
Tgt Ion:180 Resp: 50959

Ion Ratio Lower Upper

180 100

182 95.1 46.2 138.6

145 30.6 14.2 42.8



#94

Hexachlorobutadiene

Concen: 21.031 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

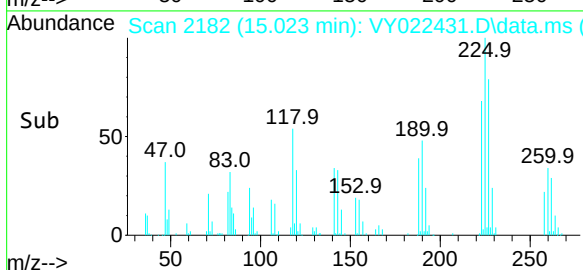
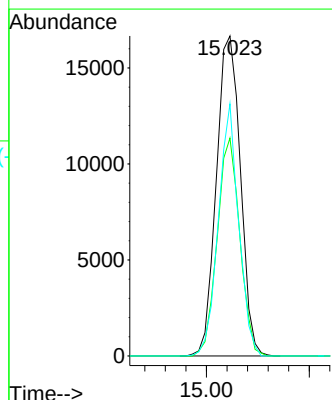
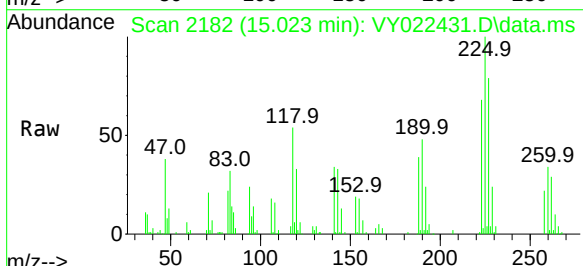
Tgt Ion:225 Resp: 27019

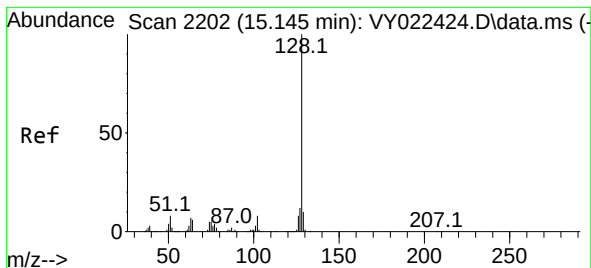
Ion Ratio Lower Upper

225 100

223 64.0 32.6 97.7

227 66.5 33.0 99.0





#95

Naphthalene

Concen: 21.199 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBSD01

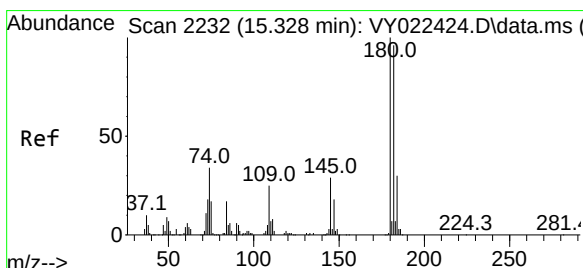
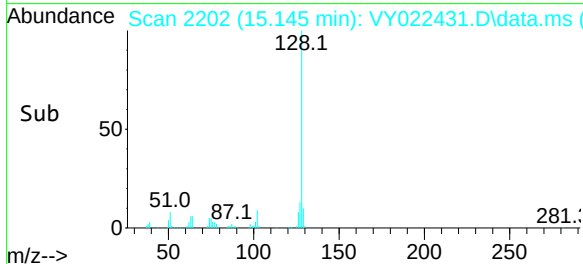
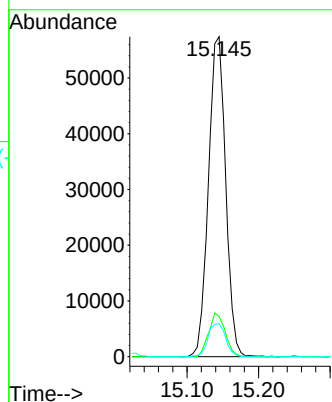
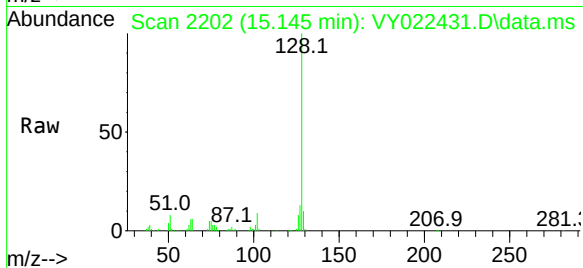
Tgt Ion:128 Resp: 95939

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.6 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 21.570 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022431.D

Acq: 27 May 2025 13:57

Tgt Ion:180 Resp: 43305

Ion Ratio Lower Upper

180 100

182 93.7 48.1 144.3

145 32.7 14.9 44.5

