

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052725\
 Data File : VY022430.D
 Acq On : 27 May 2025 13:35
 Operator : SY/MD
 Sample : VY0527SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Quant Time: May 28 15:26:11 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	230468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	399143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	340460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	155764	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	126153	51.967	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.940%	
35) Dibromofluoromethane	7.634	113	119363	51.064	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.120%	
50) Toluene-d8	10.103	98	478633	50.229	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.460%	
62) 4-Bromofluorobenzene	12.402	95	139946	48.553	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.100%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	48906	22.242	ug/l	95
3) Chloromethane	2.068	50	133284	24.643	ug/l	100
4) Vinyl Chloride	2.202	62	146083	22.233	ug/l	98
5) Bromomethane	2.592	94	146140	24.475	ug/l	97
6) Chloroethane	2.733	64	100853	23.489	ug/l	97
7) Trichlorofluoromethane	3.050	101	129189	23.304	ug/l	99
8) Diethyl Ether	3.458	74	28054	21.947	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	52971	21.780	ug/l	98
10) Methyl Iodide	4.001	142	52498	19.133	ug/l	99
11) Tert butyl alcohol	4.879	59	17417	101.788	ug/l #	84
12) 1,1-Dichloroethene	3.787	96	51748	21.431	ug/l	93
13) Acrolein	3.653	56	26027	101.515	ug/l	97
14) Allyl chloride	4.379	41	76669	21.108	ug/l	98
15) Acrylonitrile	5.061	53	54240	105.272	ug/l	98
16) Acetone	3.873	43	38917	97.560	ug/l	92
17) Carbon Disulfide	4.104	76	164494	21.347	ug/l	99
18) Methyl Acetate	4.391	43	36478	24.412	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	134624	21.000	ug/l	100
20) Methylene Chloride	4.616	84	58197	20.660	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	56538	21.447	ug/l	98
22) Diisopropyl ether	6.019	45	173680	21.665	ug/l	98
23) Vinyl Acetate	5.958	43	465656	101.165	ug/l	99
24) 1,1-Dichloroethane	5.915	63	102108	21.556	ug/l	99
25) 2-Butanone	6.896	43	66547	100.170	ug/l	99
26) 2,2-Dichloropropane	6.884	77	89103	20.774	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	66528	21.800	ug/l	98
28) Bromochloromethane	7.250	49	42697	21.586	ug/l	98
29) Tetrahydrofuran	7.262	42	46559	105.084	ug/l	97
30) Chloroform	7.421	83	101394	21.723	ug/l	98
31) Cyclohexane	7.701	56	93643	20.054	ug/l #	93
32) 1,1,1-Trichloroethane	7.616	97	90476	21.358	ug/l	100
36) 1,1-Dichloropropene	7.835	75	74812	20.169	ug/l	100
37) Ethyl Acetate	6.982	43	32652	20.713	ug/l	99
38) Carbon Tetrachloride	7.817	117	77697	20.108	ug/l	97
39) Methylcyclohexane	9.109	83	98231	19.923	ug/l	99
40) Benzene	8.079	78	230138	20.851	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.268	41	23980	25.064	ug/l #	46
42) 1,2-Dichloroethane	8.158	62	60983	20.920	ug/l	99
43) Isopropyl Acetate	8.195	43	69531	20.185	ug/l	99
44) Trichloroethene	8.866	130	55229	20.242	ug/l	99
45) 1,2-Dichloropropane	9.140	63	54068	20.850	ug/l	99
46) Dibromomethane	9.231	93	29341	20.254	ug/l	99
47) Bromodichloromethane	9.420	83	76948	20.656	ug/l	100
48) Methyl methacrylate	9.219	41	32772	20.495	ug/l	98
49) 1,4-Dioxane	9.231	88	6738	421.110	ug/l #	95
51) 4-Methyl-2-Pentanone	10.000	43	168616	99.209	ug/l	99
52) Toluene	10.170	92	142314	20.644	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	69585	20.054	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	82670	20.276	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	37845	20.663	ug/l	98
56) Ethyl methacrylate	10.438	69	52031	19.796	ug/l	100
57) 1,3-Dichloropropane	10.719	76	66285	20.537	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	129124	98.573	ug/l	100
59) 2-Hexanone	10.762	43	108584	97.487	ug/l	97
60) Dibromochloromethane	10.908	129	48358	20.669	ug/l	100
61) 1,2-Dibromoethane	11.012	107	34056	20.330	ug/l	97
64) Tetrachloroethene	10.646	164	57716	19.905	ug/l	95
65) Chlorobenzene	11.438	112	147244	20.283	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	49061	19.946	ug/l	98
67) Ethyl Benzene	11.518	91	265605	19.704	ug/l	100
68) m/p-Xylenes	11.627	106	200646	39.260	ug/l	98
69) o-Xylene	11.957	106	95157	19.811	ug/l	100
70) Styrene	11.969	104	159948	19.999	ug/l	99
71) Bromoform	12.133	173	25744	19.982	ug/l #	96
73) Isopropylbenzene	12.255	105	250558	20.438	ug/l	99
74) N-amyl acetate	12.066	43	57558	19.188	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	39835	20.624	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	55271	35.425	ug/l #	100
77) Bromobenzene	12.530	156	53210	20.170	ug/l	98
78) n-propylbenzene	12.591	91	298731	20.305	ug/l	99
79) 2-Chlorotoluene	12.676	91	160337	20.133	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	194158	20.270	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	13162	19.077	ug/l	94
82) 4-Chlorotoluene	12.773	91	165029	20.120	ug/l	99
83) tert-Butylbenzene	12.999	119	176391	20.382	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	195735	20.306	ug/l	100
85) sec-Butylbenzene	13.176	105	264497	20.608	ug/l	100
86) p-Isopropyltoluene	13.292	119	213252	19.898	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	104797	19.743	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	104056	20.501	ug/l	97
89) n-Butylbenzene	13.615	91	204753	20.376	ug/l	99
90) Hexachloroethane	13.877	117	44745	20.980	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	91980	20.746	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5660	18.964	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	51786	21.069	ug/l	100
94) Hexachlorobutadiene	15.023	225	27978	21.690	ug/l	97
95) Naphthalene	15.139	128	92664	20.393	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	43102	21.382	ug/l	98

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ClientSampleId :
VY0527SBS01

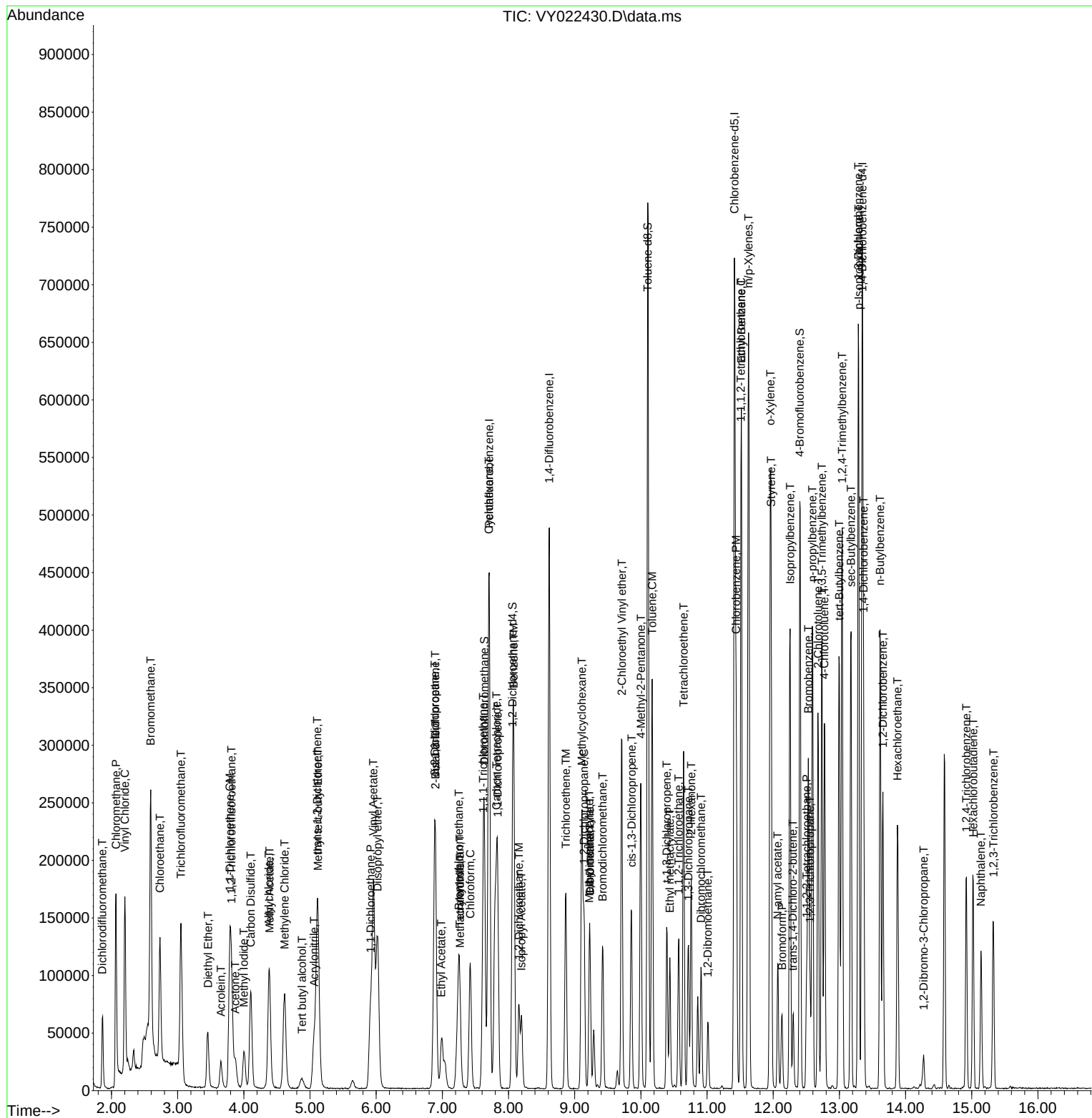
Quant Time: May 28 15:26:11 2025
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Quant Title : SW846 8260
QLast Update : Wed May 28 10:34:06 2025
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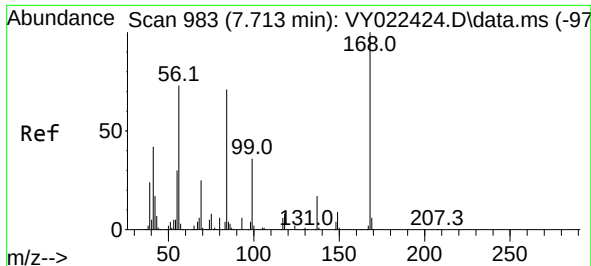
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
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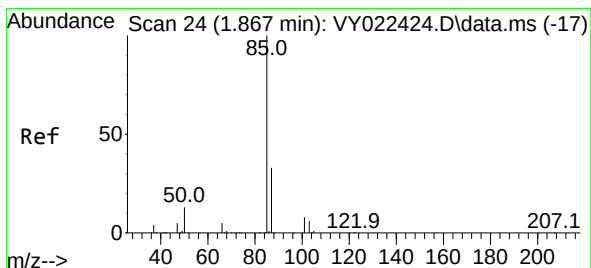
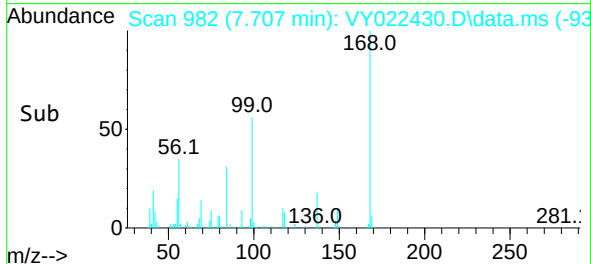
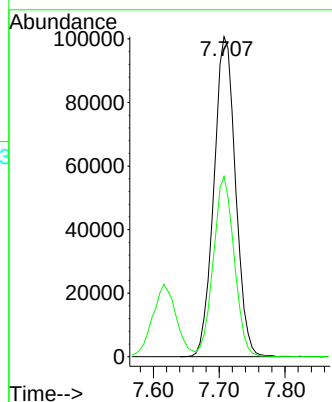
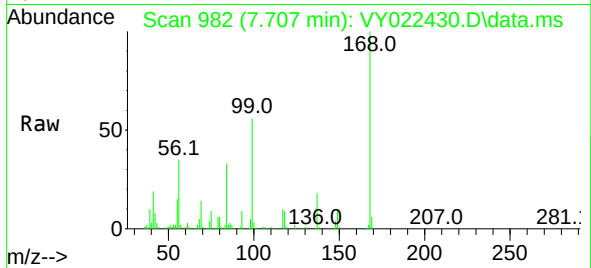




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
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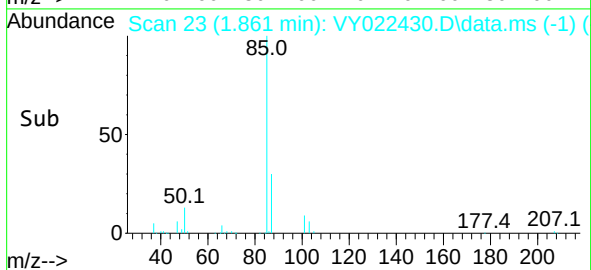
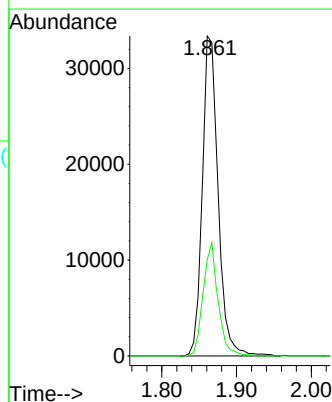
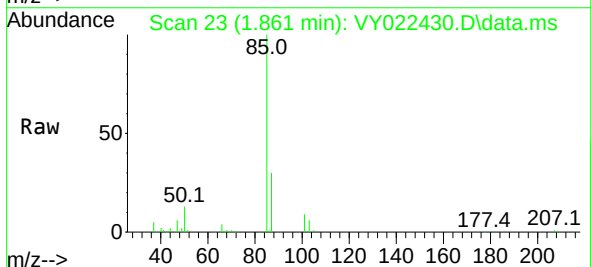
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

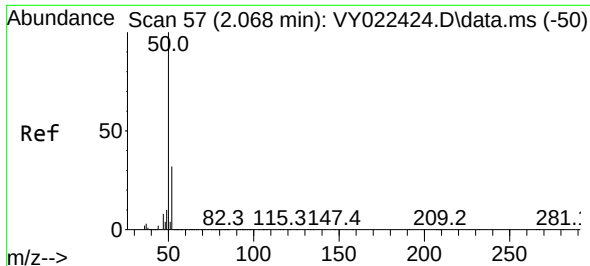
Tgt Ion:168 Resp: 230468
Ion Ratio Lower Upper
168 100
99 56.3 44.7 67.1



#2
Dichlorodifluoromethane
Concen: 22.242 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion: 85 Resp: 48906
Ion Ratio Lower Upper
85 100
87 30.1 16.4 49.2

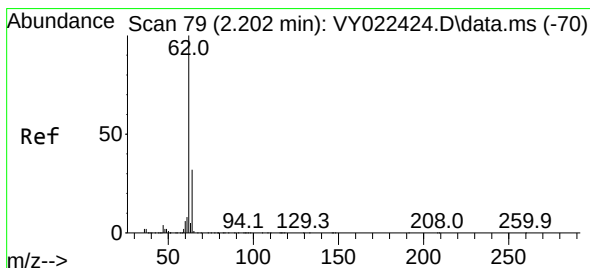
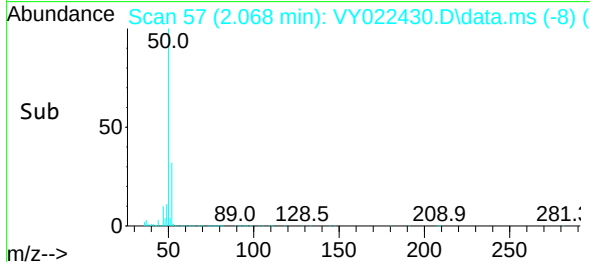
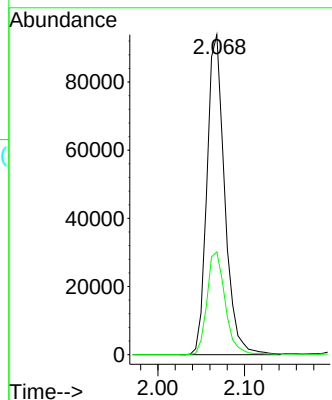
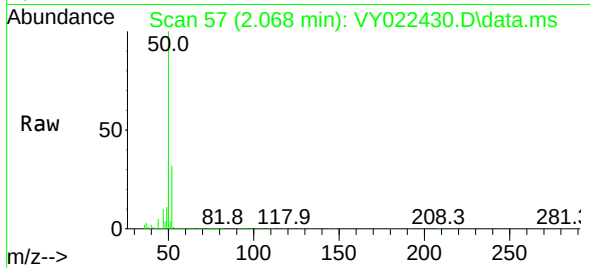




#3
Chloromethane
Concen: 24.643 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

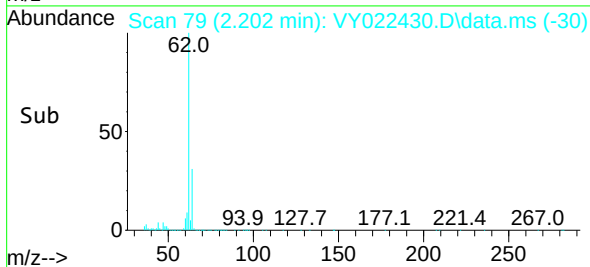
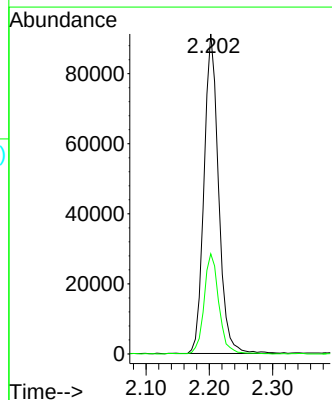
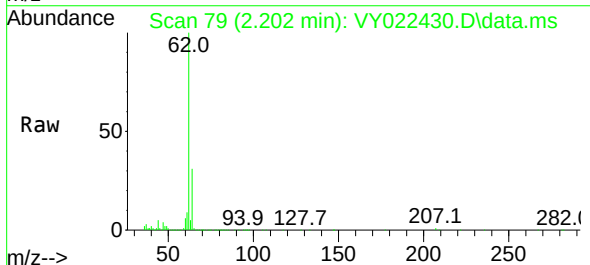
Instrument :
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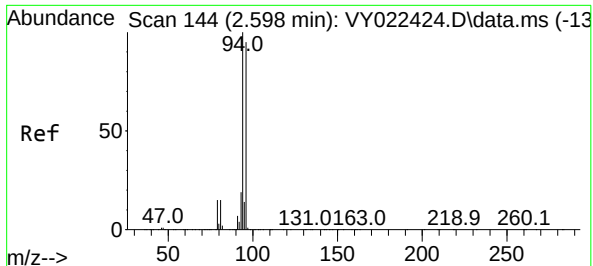
Tgt Ion: 50 Resp: 133284
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3



#4
Vinyl Chloride
Concen: 22.233 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion: 62 Resp: 146083
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0

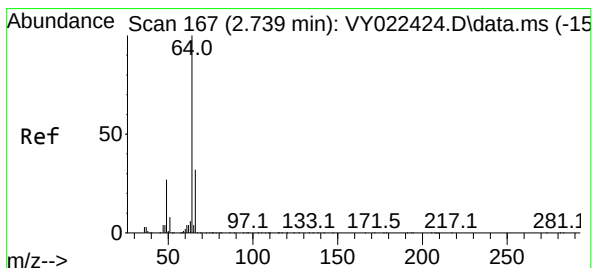
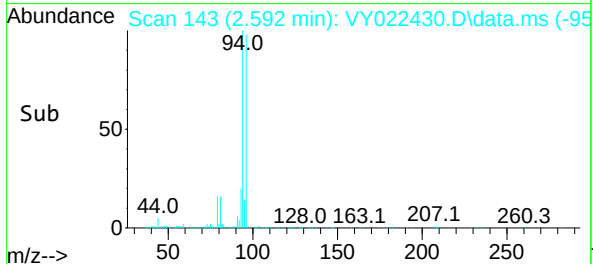
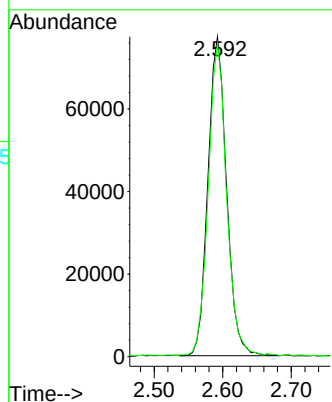
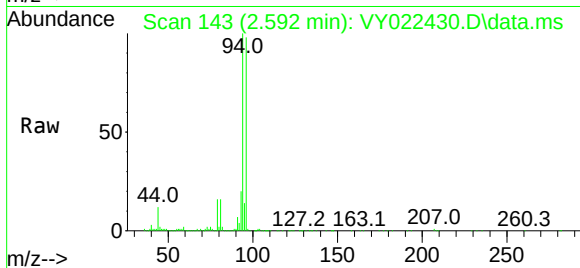




#5
Bromomethane
Concen: 24.475 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

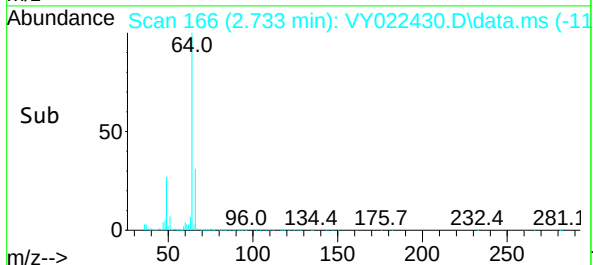
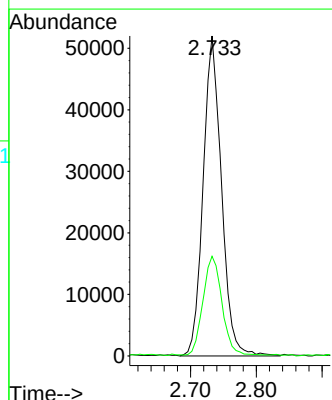
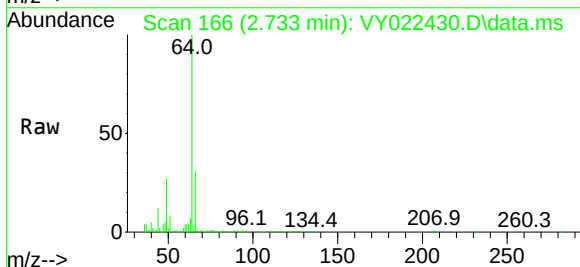
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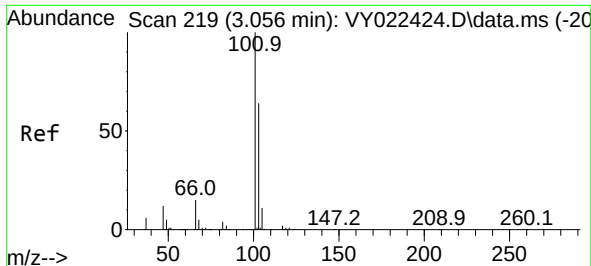
Tgt Ion: 94 Resp: 146140
Ion Ratio Lower Upper
94 100
96 97.7 76.0 114.0



#6
Chloroethane
Concen: 23.489 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion: 64 Resp: 100853
Ion Ratio Lower Upper
64 100
66 30.9 25.9 38.9

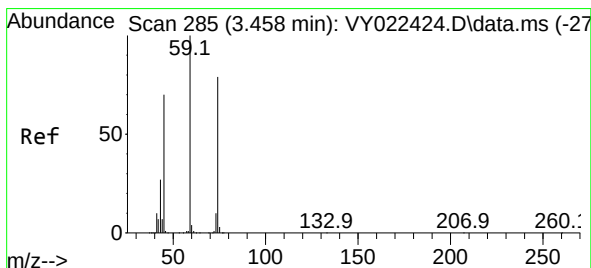
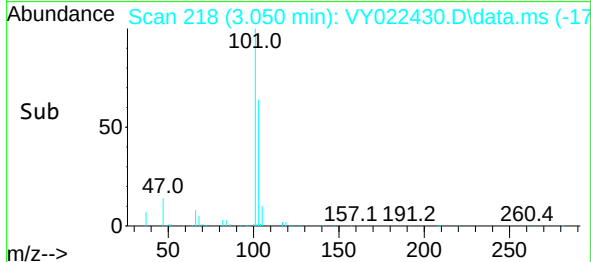
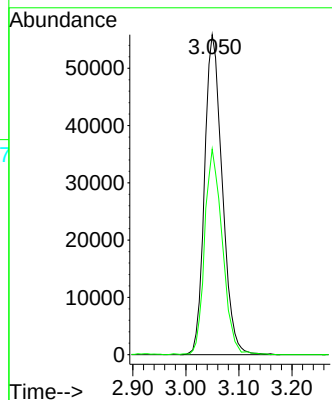
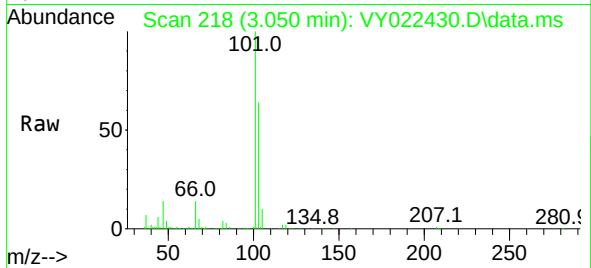




#7
 Trichlorofluoromethane
 Concen: 23.304 ug/l
 RT: 3.050 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY022430.D
 Acq: 27 May 2025 13:35

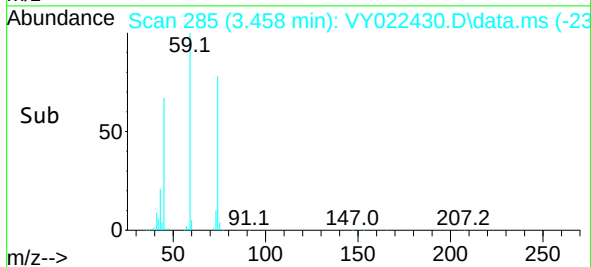
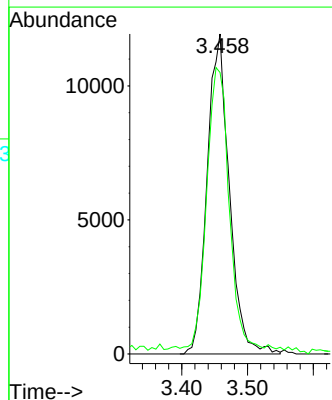
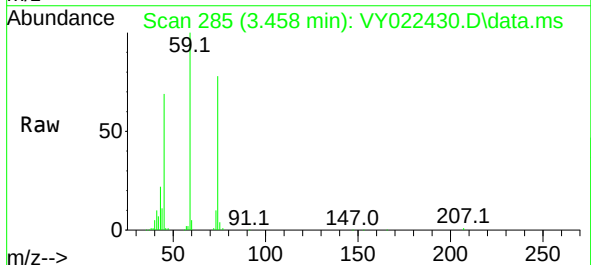
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

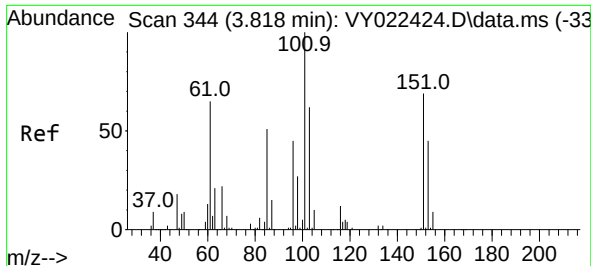
Tgt Ion:101 Resp: 129189
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.9 76.3



#8
 Diethyl Ether
 Concen: 21.947 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY022430.D
 Acq: 27 May 2025 13:35

Tgt Ion: 74 Resp: 28054
 Ion Ratio Lower Upper
 74 100
 45 87.0 44.9 134.5

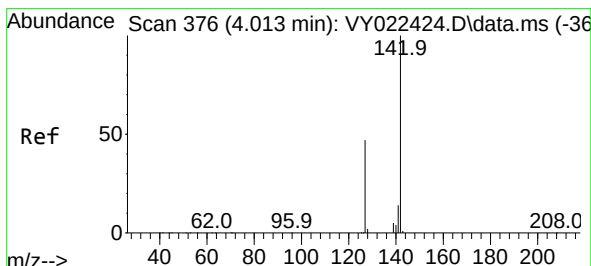
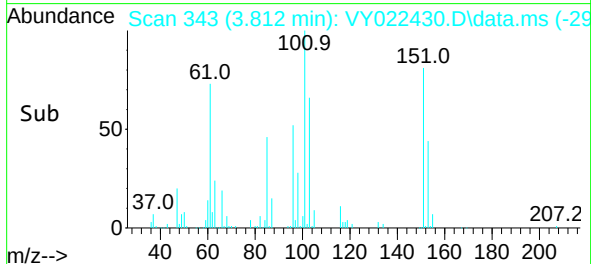
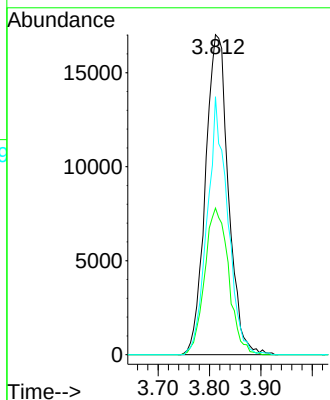
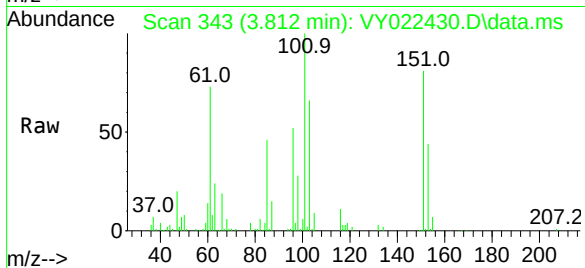




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.780 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

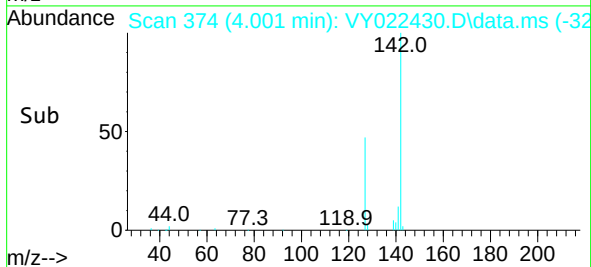
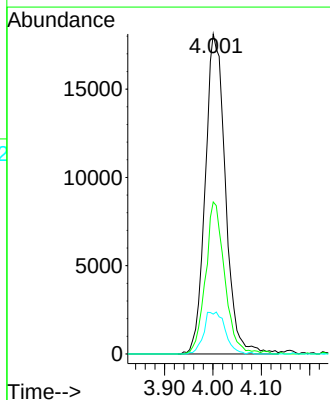
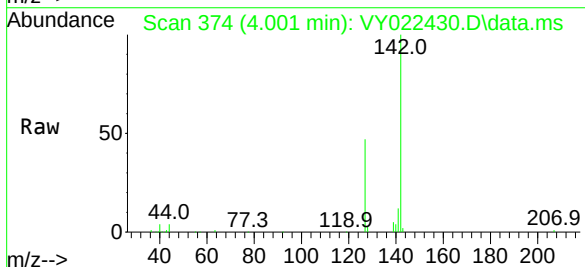
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

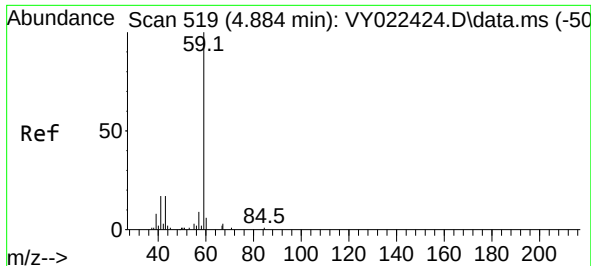
Tgt Ion:101 Resp: 52971
Ion Ratio Lower Upper
101 100
85 47.7 39.2 58.8
151 71.4 58.8 88.2



#10
Methyl Iodide
Concen: 19.133 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion:142 Resp: 52498
Ion Ratio Lower Upper
142 100
127 45.1 36.2 54.4
141 13.9 11.6 17.4

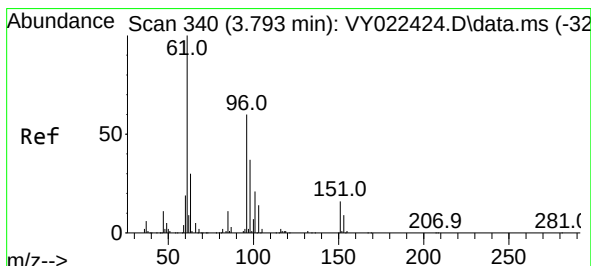
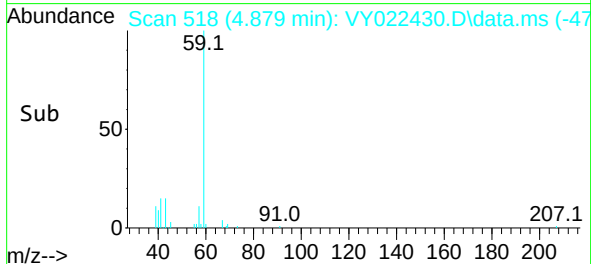
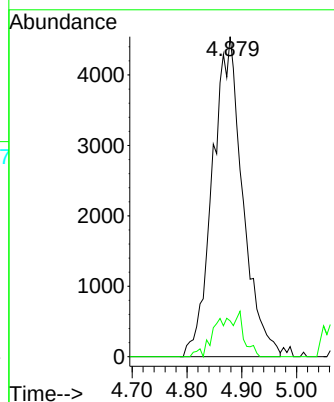
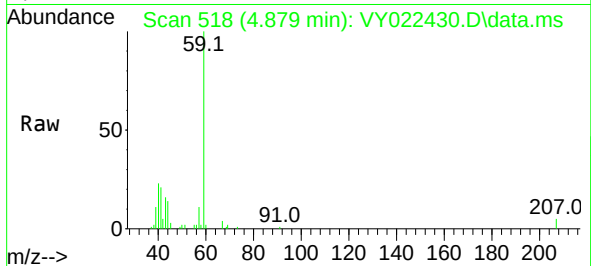




#11
Tert butyl alcohol
Concen: 101.788 ug/l
RT: 4.879 min Scan# 519
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

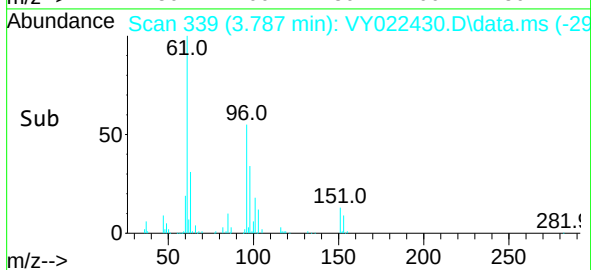
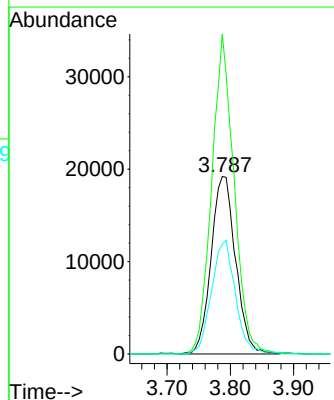
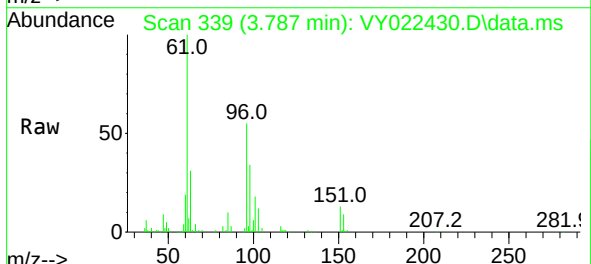
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

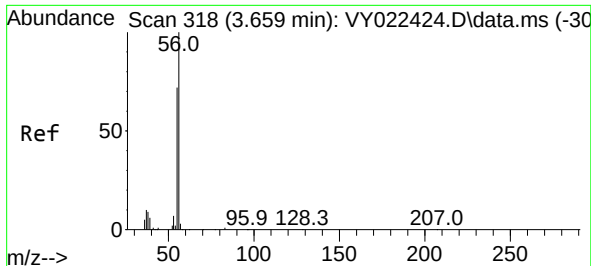
Tgt Ion: 59 Resp: 17417
Ion Ratio Lower Upper
59 100
57 5.3 9.1 13.7#



#12
1,1-Dichloroethene
Concen: 21.431 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion: 96 Resp: 51748
Ion Ratio Lower Upper
96 100
61 180.4 134.1 201.1
98 61.7 50.2 75.2

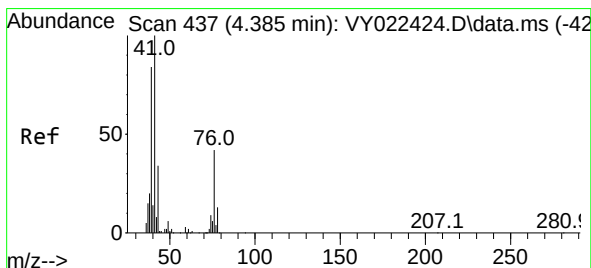
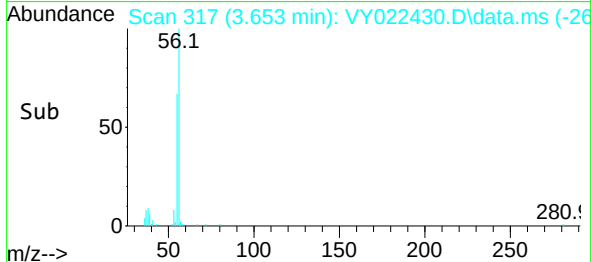
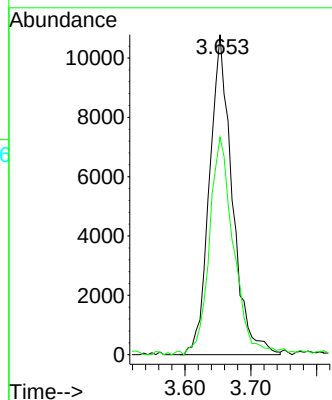
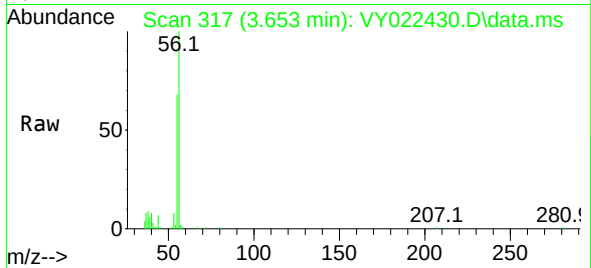




#13
Acrolein
Concen: 101.515 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

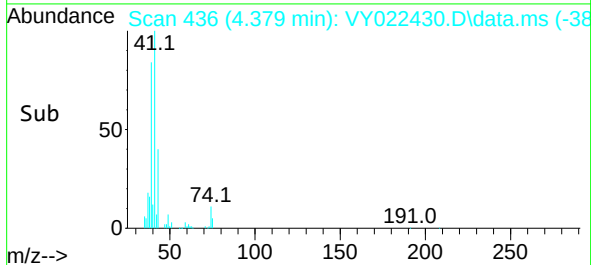
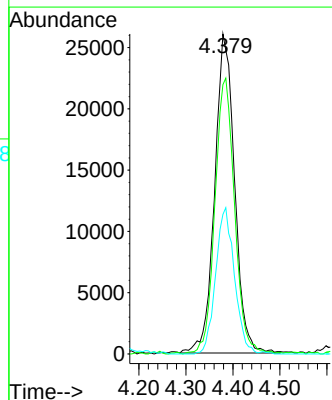
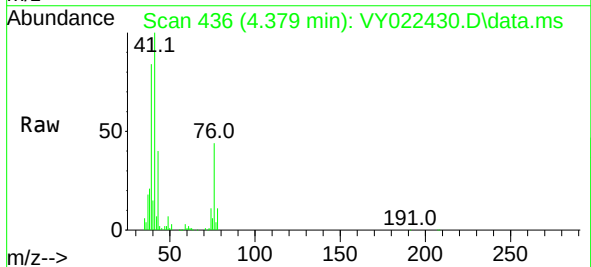
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

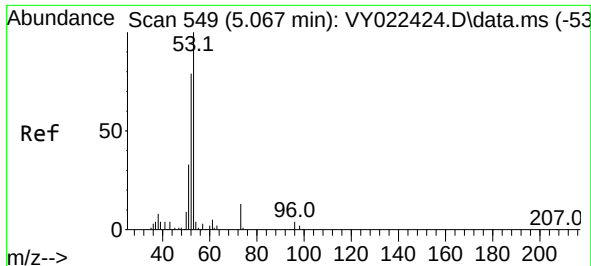
Tgt Ion: 56 Resp: 26027
Ion Ratio Lower Upper
56 100
55 72.9 56.5 84.7



#14
Allyl chloride
Concen: 21.108 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion: 41 Resp: 76669
Ion Ratio Lower Upper
41 100
39 85.7 66.6 100.0
76 43.3 33.7 50.5

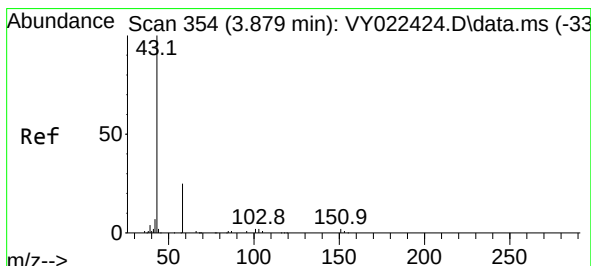
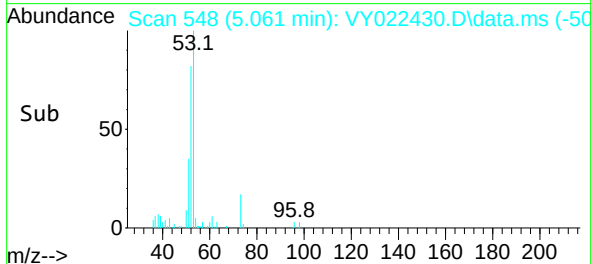
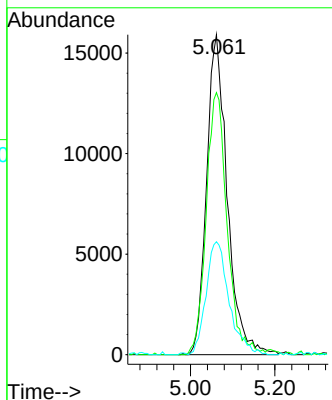
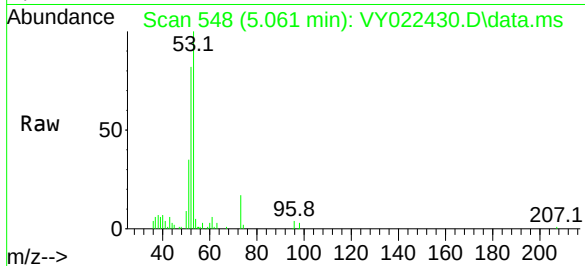




#15
Acrylonitrile
Concen: 105.272 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

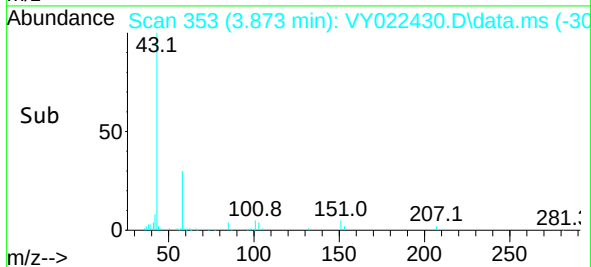
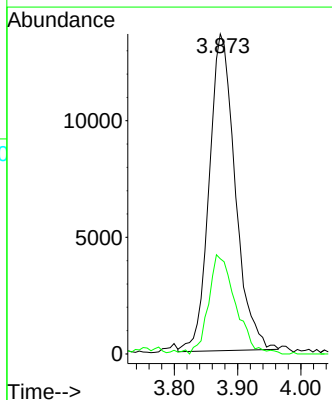
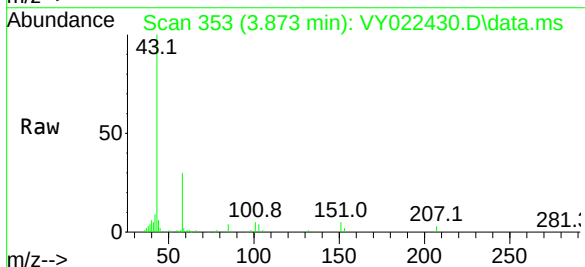
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

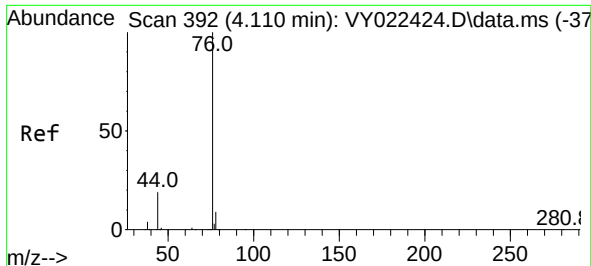
Tgt Ion: 53 Resp: 54240
Ion Ratio Lower Upper
53 100
52 82.7 65.1 97.7
51 39.2 30.0 45.0



#16
Acetone
Concen: 97.560 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion: 43 Resp: 38917
Ion Ratio Lower Upper
43 100
58 29.6 20.6 30.8

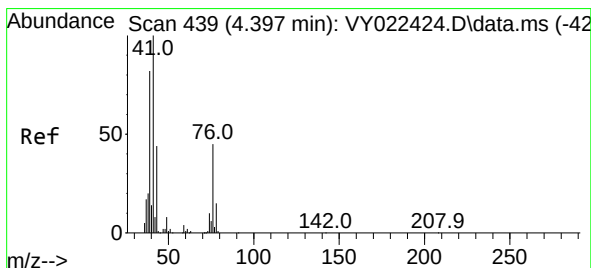
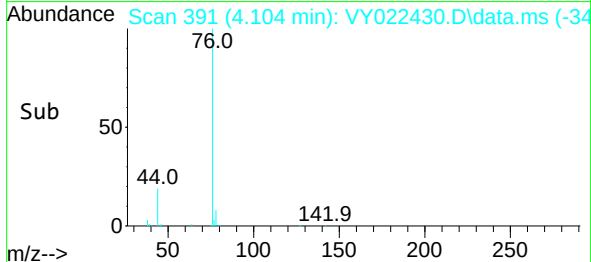
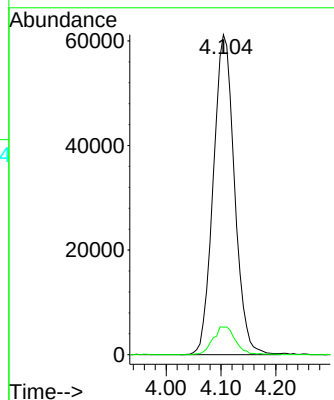
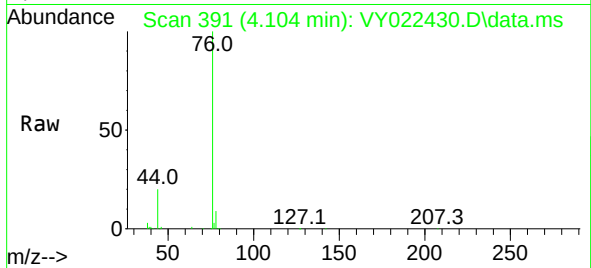




#17
Carbon Disulfide
Concen: 21.347 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

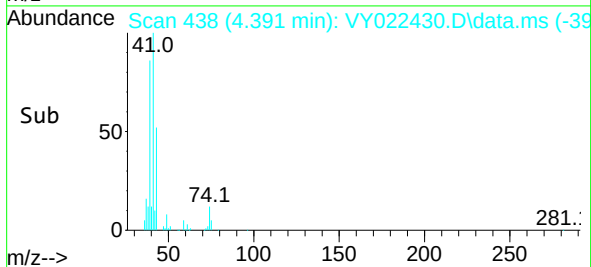
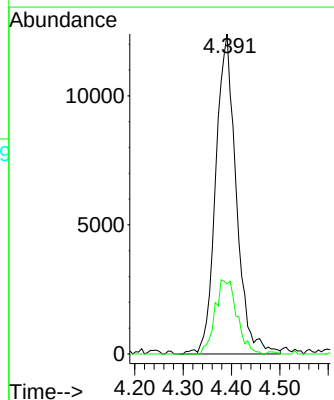
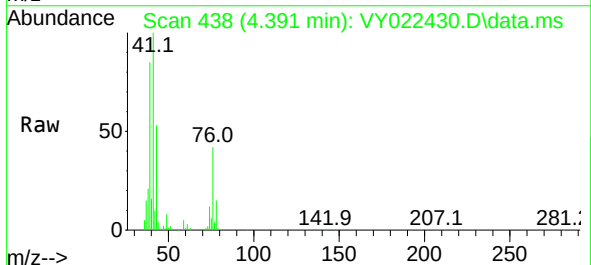
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

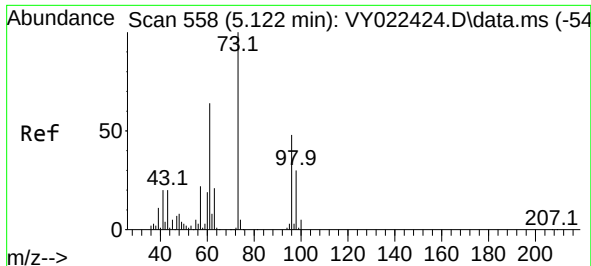
Tgt Ion: 76 Resp: 164494
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 24.412 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion: 43 Resp: 36478
Ion Ratio Lower Upper
43 100
74 24.7 21.2 31.8

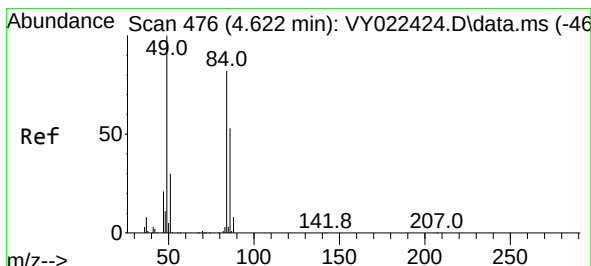
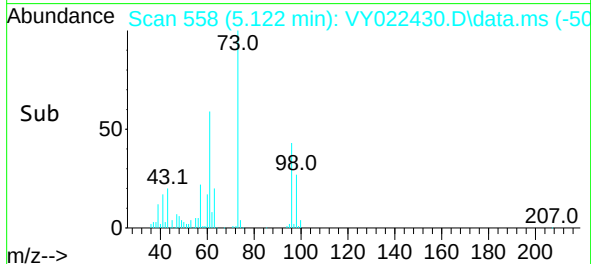
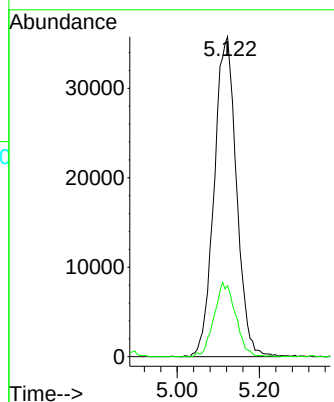
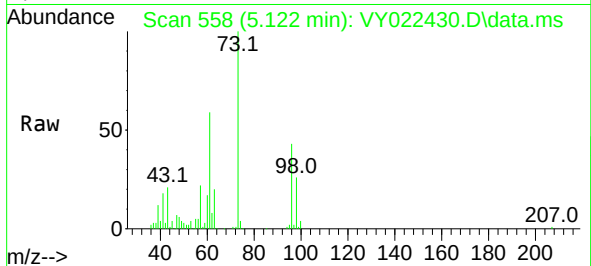




#19
Methyl tert-butyl Ether
Concen: 21.000 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

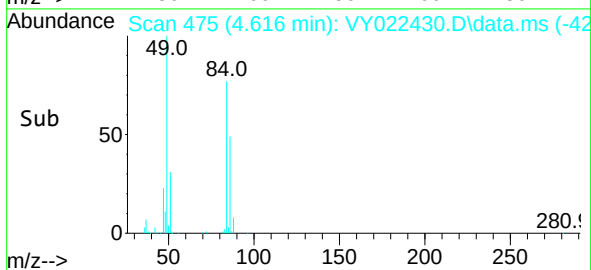
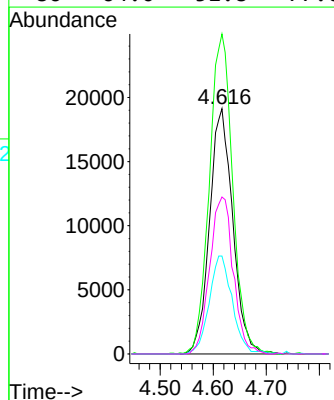
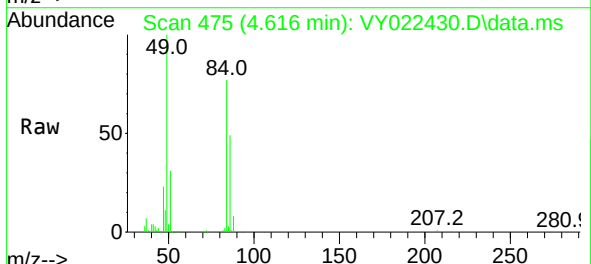
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

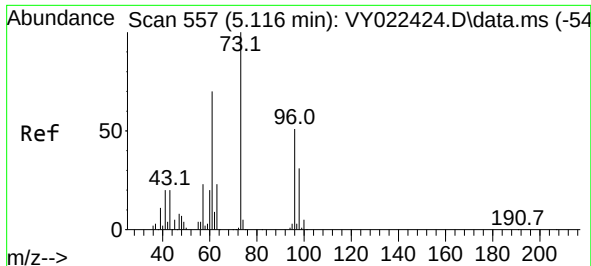
Tgt Ion: 73 Resp: 134624
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5



#20
Methylene Chloride
Concen: 20.660 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion: 84 Resp: 58197
Ion Ratio Lower Upper
84 100
49 130.5 97.8 146.8
51 39.9 29.5 44.3
86 64.0 51.8 77.6

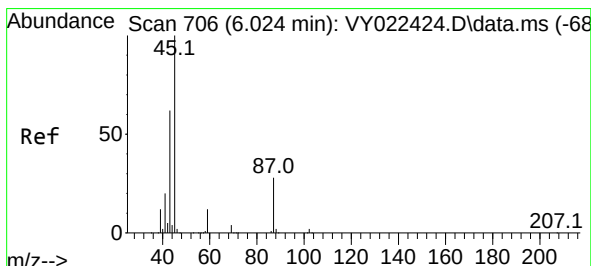
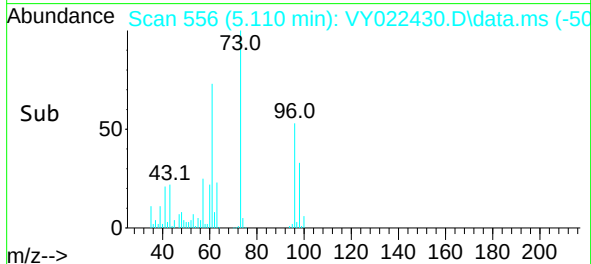
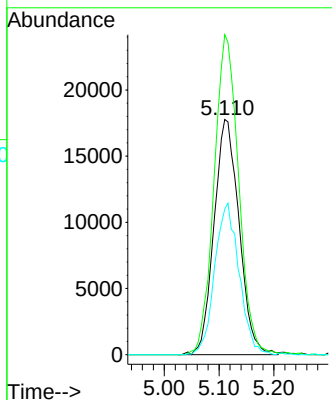
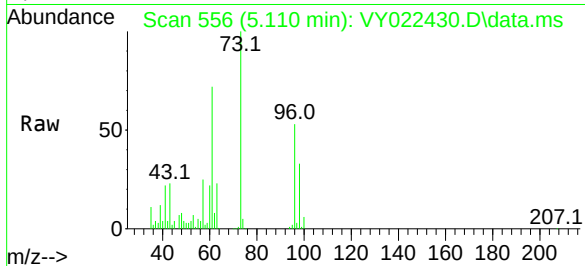




#21
trans-1,2-Dichloroethene
Concen: 21.447 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

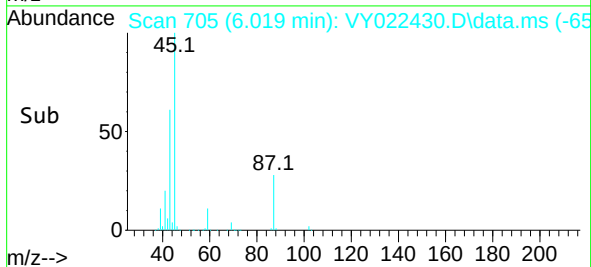
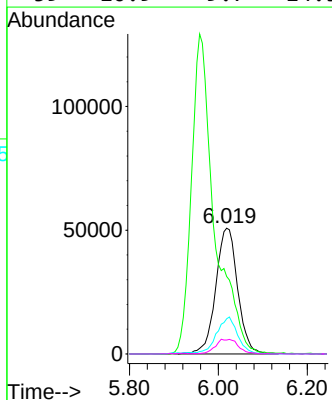
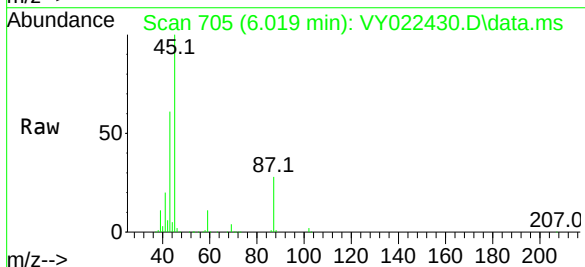
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

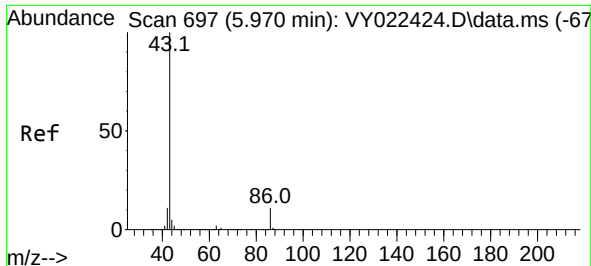
Tgt Ion: 96 Resp: 56538
Ion Ratio Lower Upper
96 100
61 136.1 110.4 165.6
98 61.8 48.6 73.0



#22
Diisopropyl ether
Concen: 21.665 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion: 45 Resp: 173680
Ion Ratio Lower Upper
45 100
43 60.8 49.8 74.8
87 28.0 23.0 34.6
59 10.9 9.7 14.5

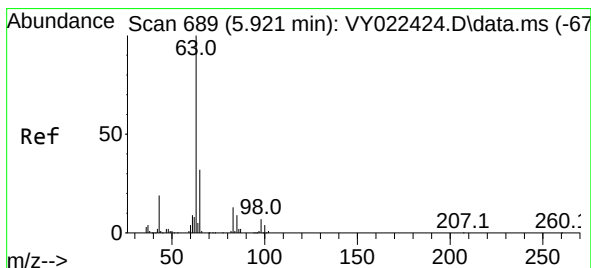
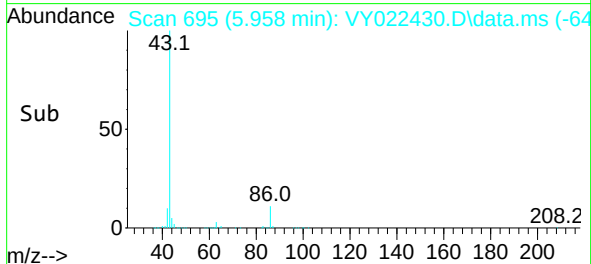
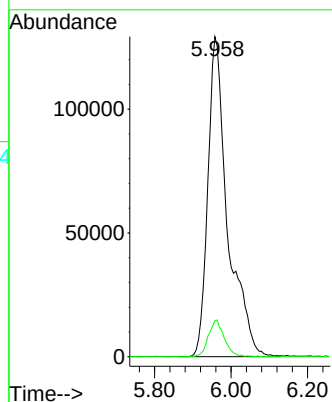
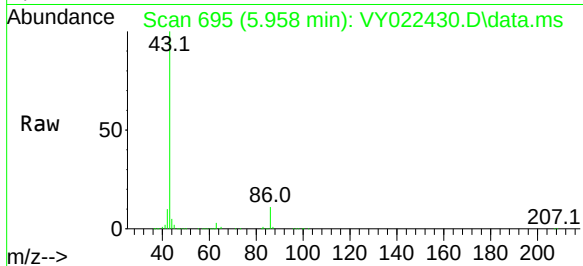




#23
 Vinyl Acetate
 Concen: 101.165 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY022430.D
 Acq: 27 May 2025 13:35

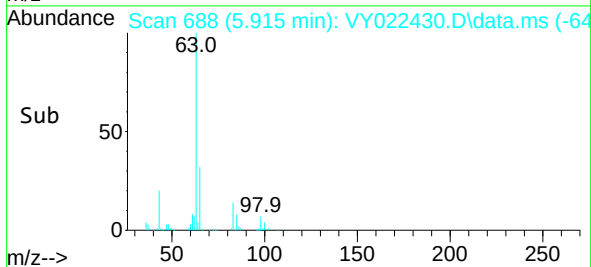
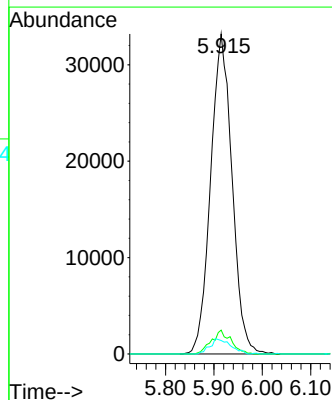
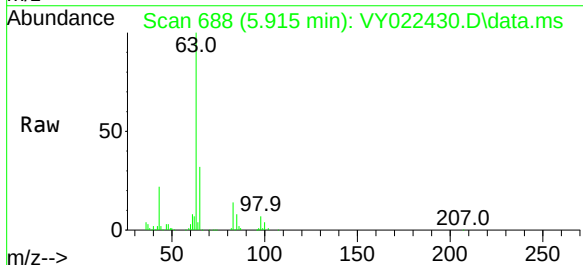
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

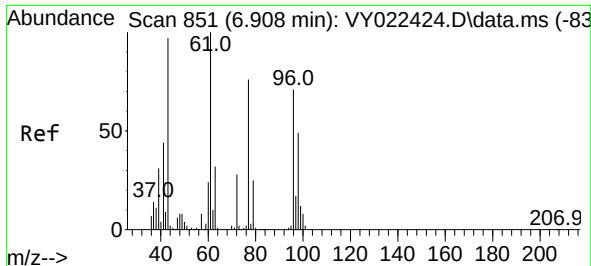
Tgt Ion: 43 Resp: 465656
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 21.556 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022430.D
 Acq: 27 May 2025 13:35

Tgt Ion: 63 Resp: 102108
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.5
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 100.170 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

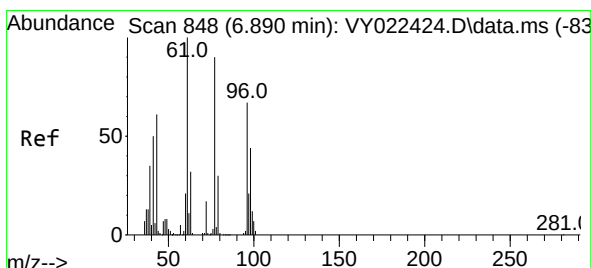
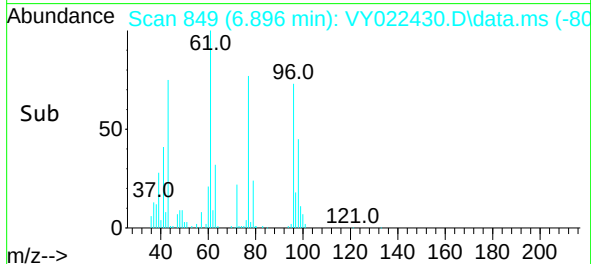
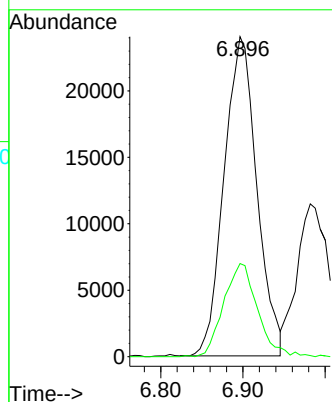
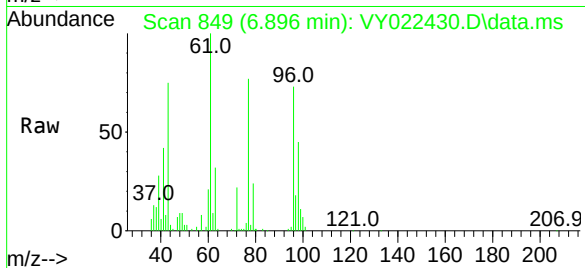
VY0527SBS01

Tgt Ion: 43 Resp: 66547

Ion Ratio Lower Upper

43 100

72 29.2 22.8 34.2



#26

2,2-Dichloropropane

Concen: 20.774 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY022430.D

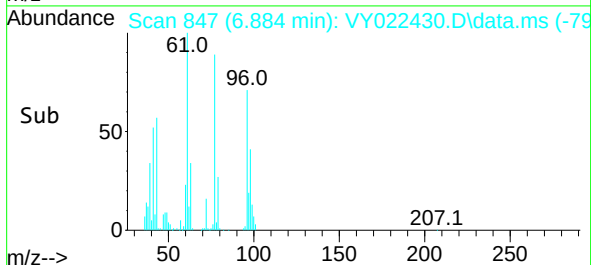
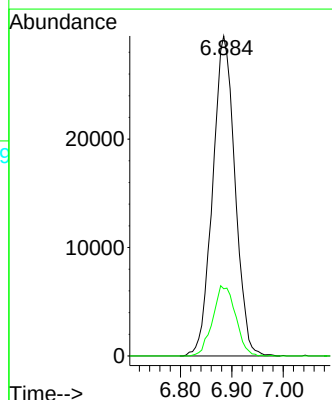
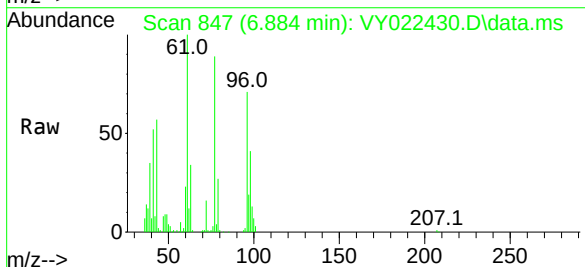
Acq: 27 May 2025 13:35

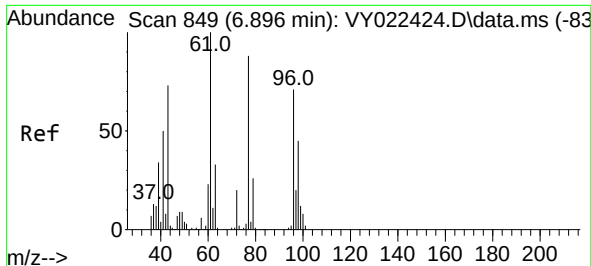
Tgt Ion: 77 Resp: 89103

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.7

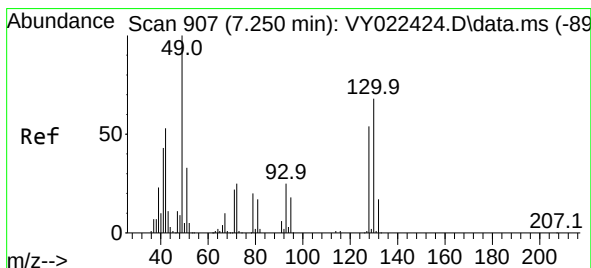
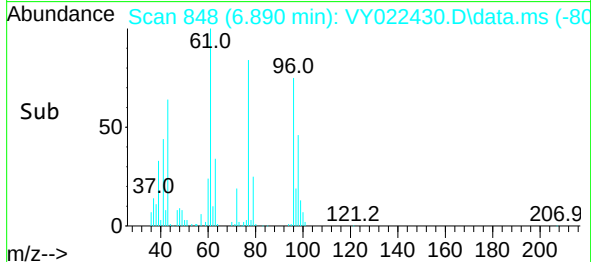
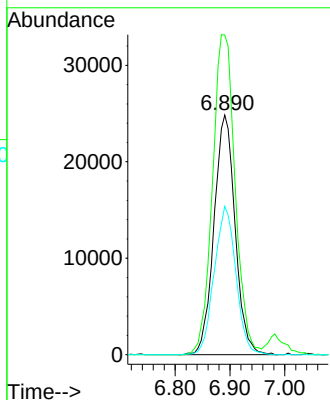
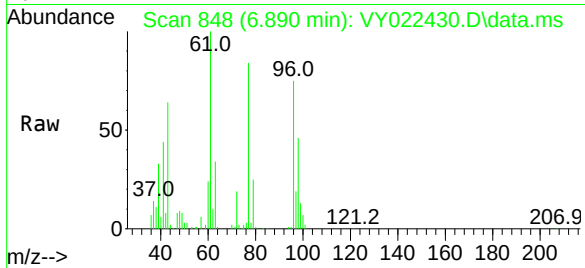




#27
 cis-1,2-Dichloroethene
 Concen: 21.800 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY022430.D
 Acq: 27 May 2025 13:35

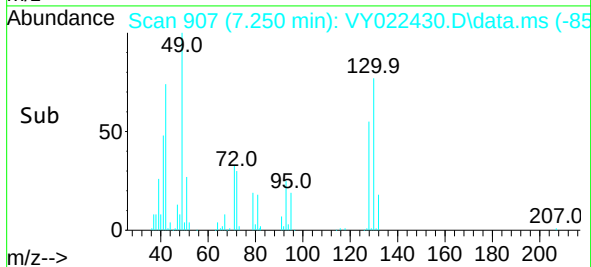
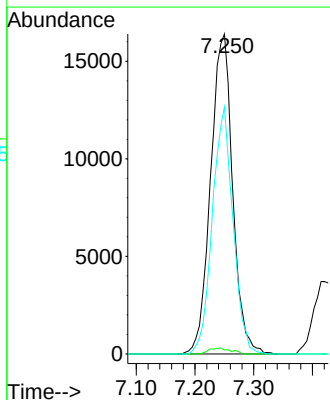
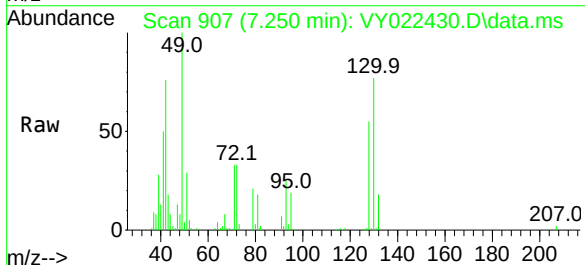
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

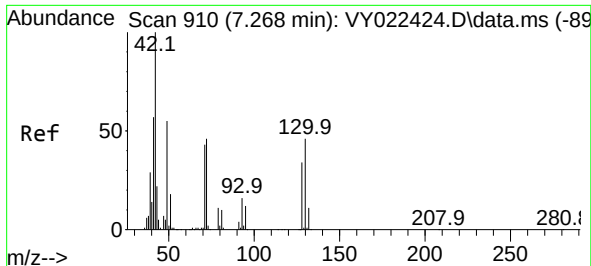
Tgt Ion: 96 Resp: 66528
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 292.0
 98 63.5 0.0 131.0



#28
 Bromochloromethane
 Concen: 21.586 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY022430.D
 Acq: 27 May 2025 13:35

Tgt Ion: 49 Resp: 42697
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 72.5 56.9 85.3





#29

Tetrahydrofuran

Concen: 105.084 ug/l

RT: 7.262 min Scan# 910

Delta R.T. -0.006 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

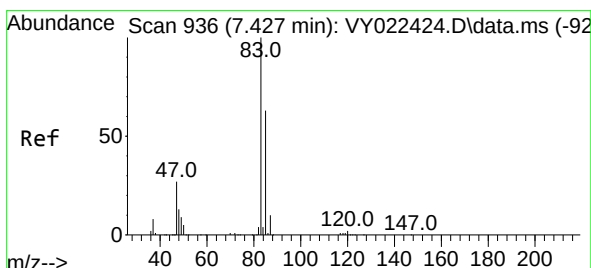
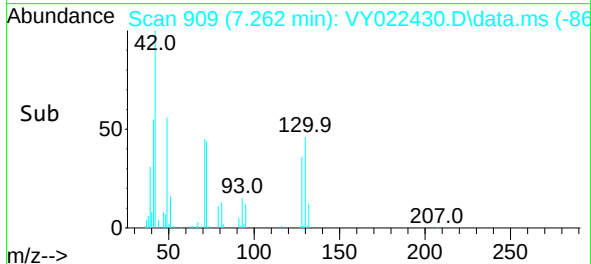
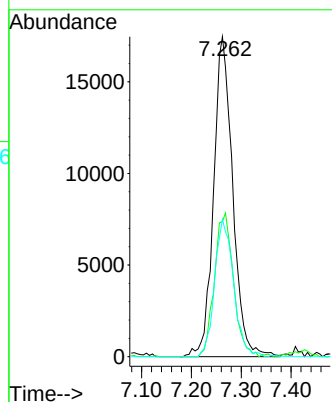
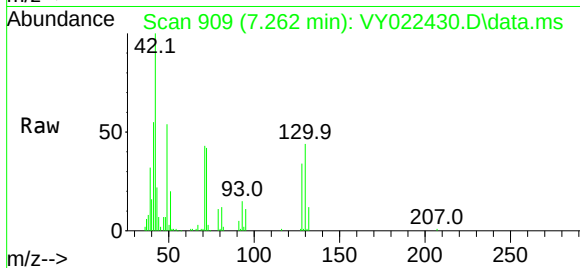
Tgt Ion: 42 Resp: 46559

Ion Ratio Lower Upper

42 100

72 44.6 37.7 56.5

71 42.4 34.7 52.1



#30

Chloroform

Concen: 21.723 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022430.D

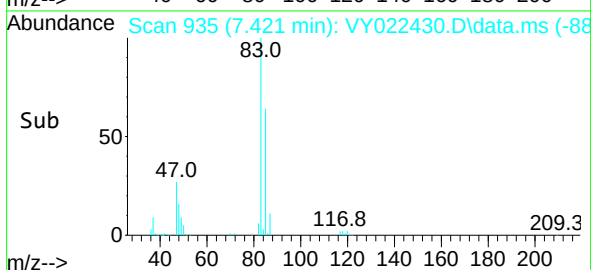
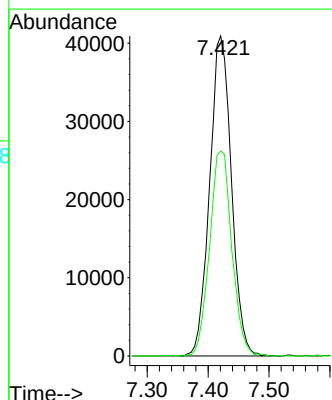
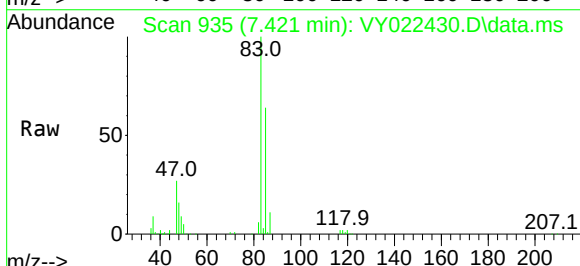
Acq: 27 May 2025 13:35

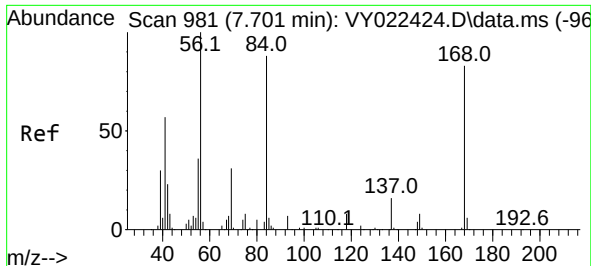
Tgt Ion: 83 Resp: 101394

Ion Ratio Lower Upper

83 100

85 64.0 50.1 75.1

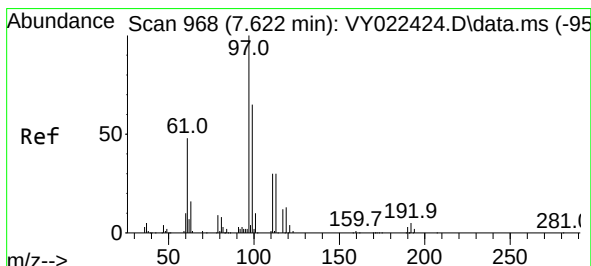
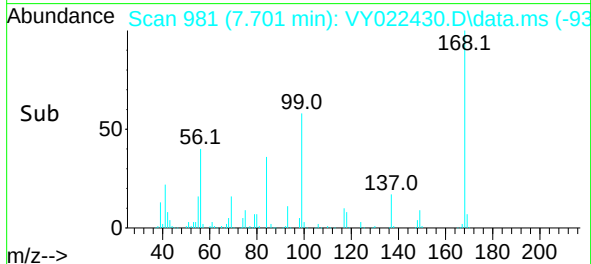
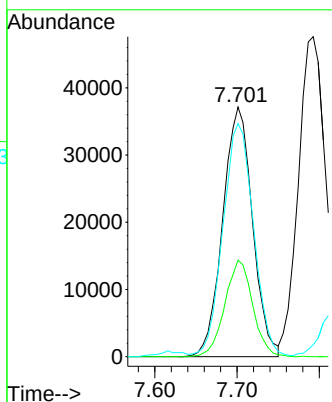
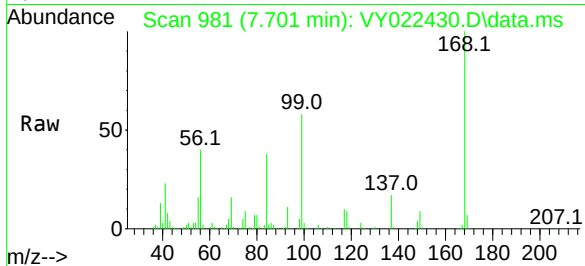




#31
Cyclohexane
Concen: 20.054 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

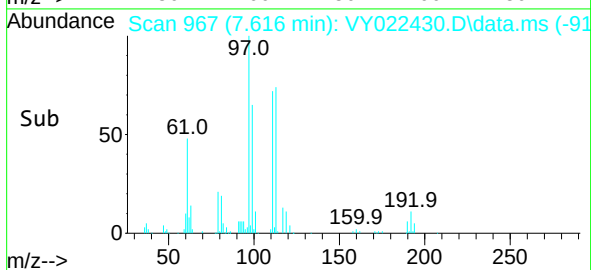
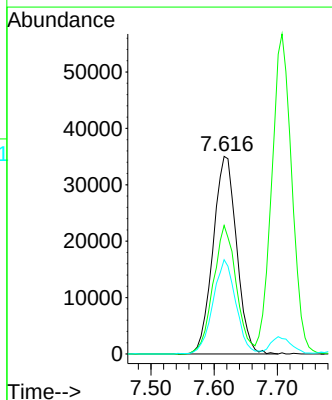
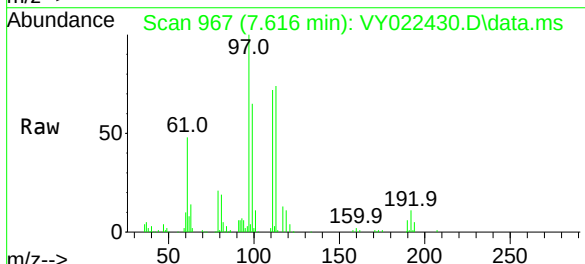
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

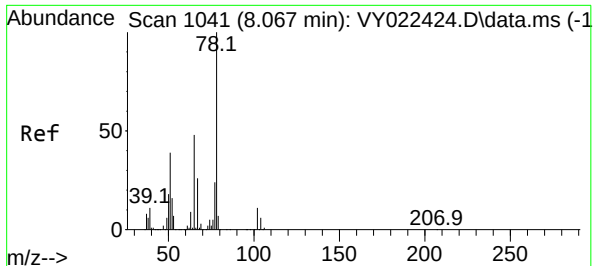
Tgt Ion: 56 Resp: 93643
Ion Ratio Lower Upper
56 100
69 38.6 24.6 36.8#
84 91.6 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 21.358 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion: 97 Resp: 90476
Ion Ratio Lower Upper
97 100
99 63.7 51.3 76.9
61 46.6 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 51.967 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

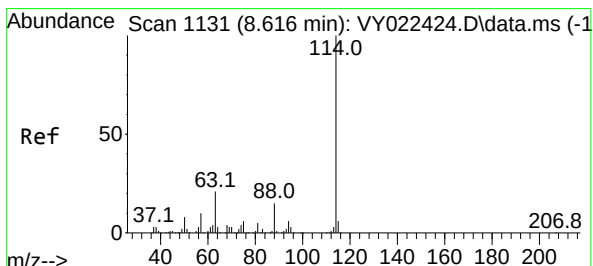
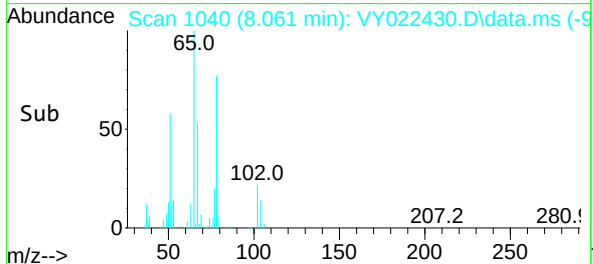
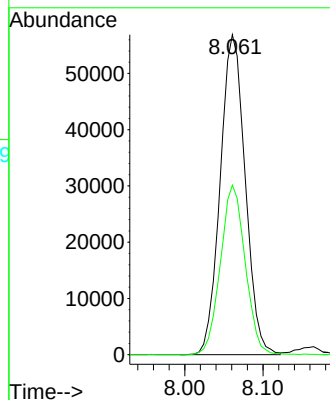
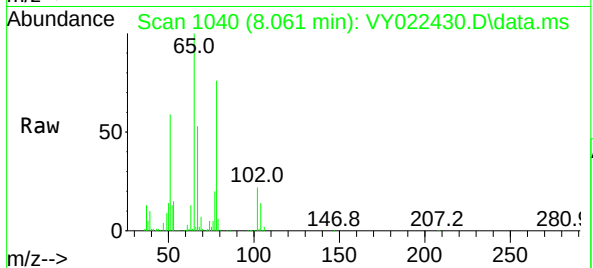
VY0527SBS01

Tgt Ion: 65 Resp: 126153

Ion Ratio Lower Upper

65 100

67 52.5 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: VY022430.D

Acq: 27 May 2025 13:35

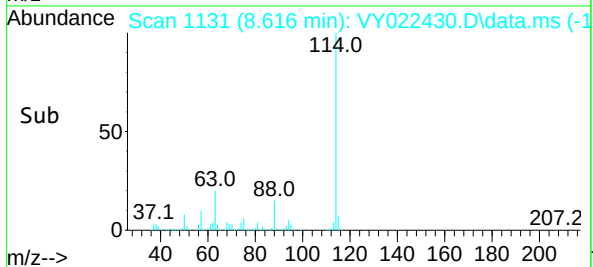
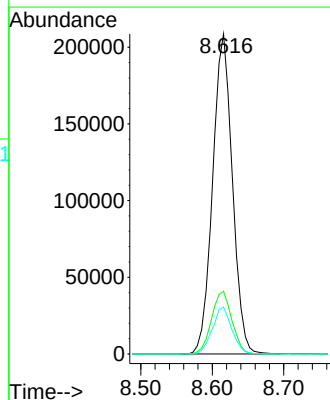
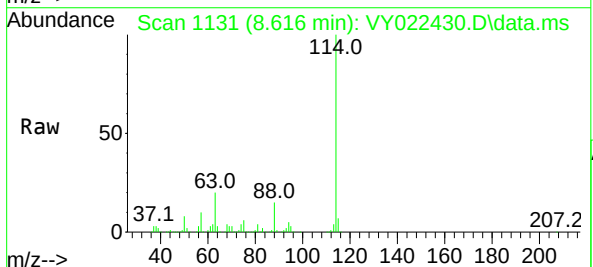
Tgt Ion: 114 Resp: 399143

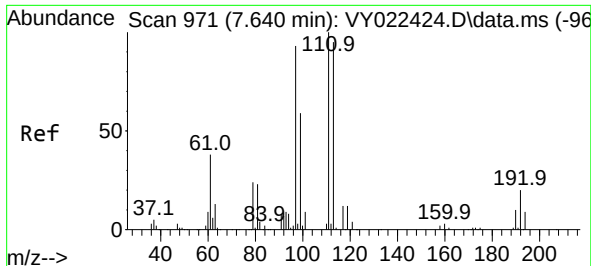
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

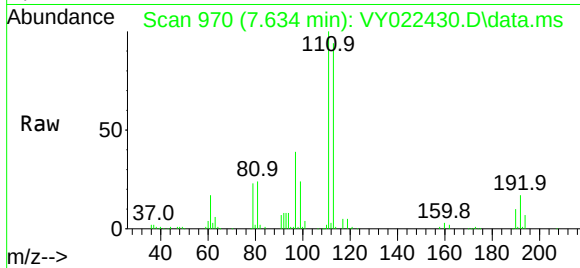
88 14.6 0.0 29.4



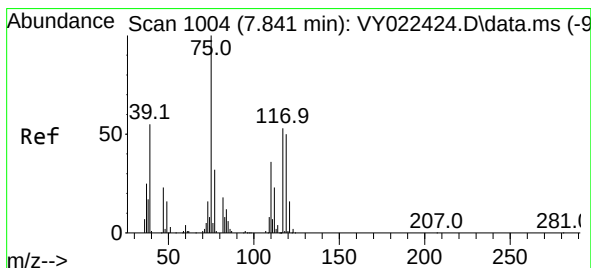
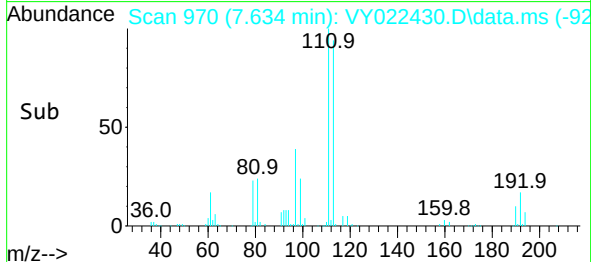
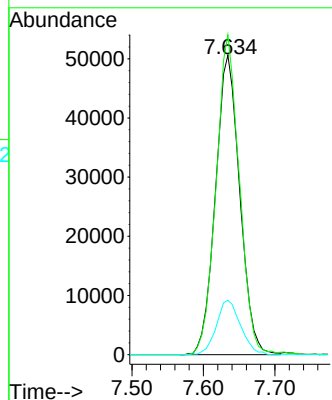


#35
 Dibromofluoromethane
 Concen: 51.064 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY022430.D
 Acq: 27 May 2025 13:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

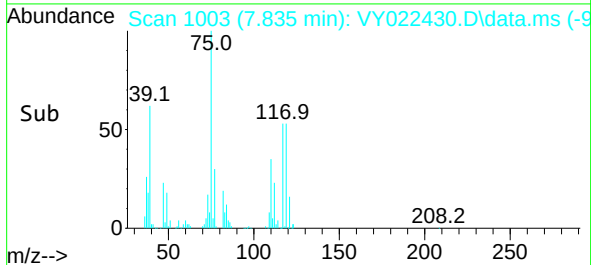
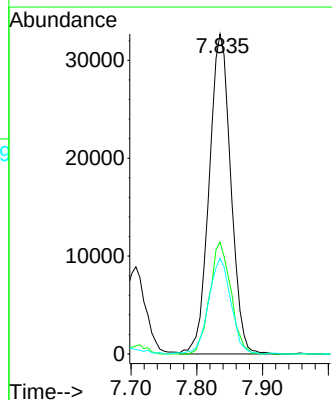
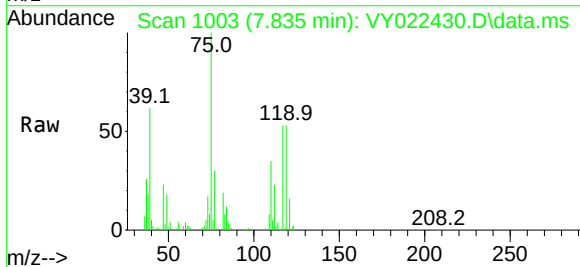


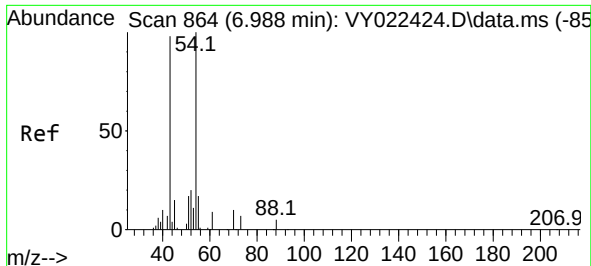
Tgt Ion:113	Resp:	119363	
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	18.1	15.2	22.8



#36
 1,1-Dichloropropene
 Concen: 20.169 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. -0.006 min
 Lab File: VY022430.D
 Acq: 27 May 2025 13:35

Tgt Ion: 75	Resp:	74812	
Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.1	51.2
77	30.9	25.1	37.7





#37

Ethyl Acetate

Concen: 20.713 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY022430.D

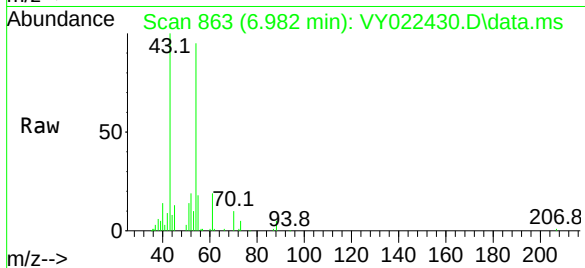
Acq: 27 May 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01



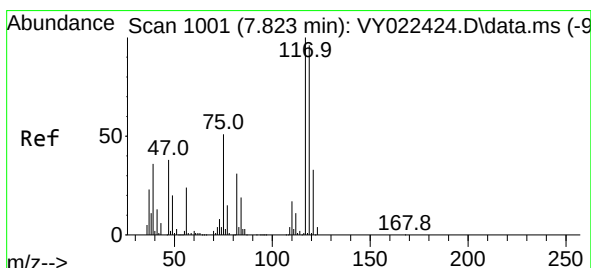
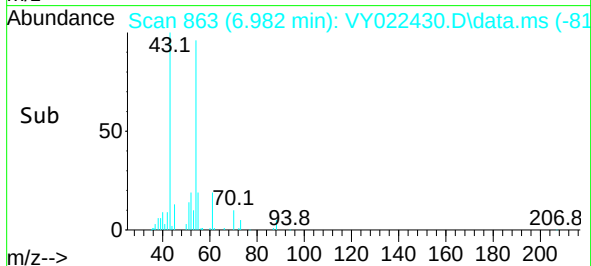
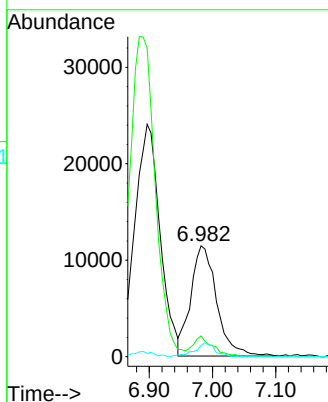
Tgt Ion: 43 Resp: 32652

Ion Ratio Lower Upper

43 100

61 14.2 11.7 17.5

70 9.7 7.8 11.6



#38

Carbon Tetrachloride

Concen: 20.108 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

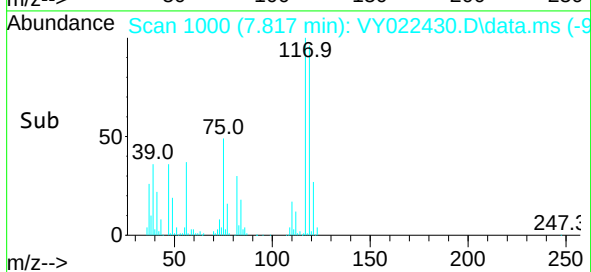
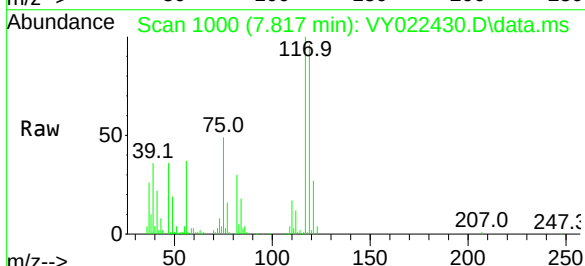
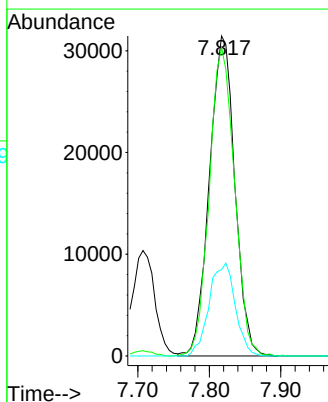
Tgt Ion: 117 Resp: 77697

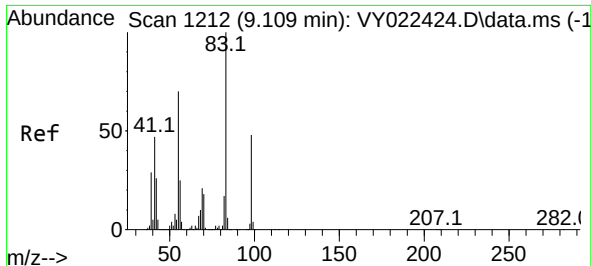
Ion Ratio Lower Upper

117 100

119 96.4 76.3 114.5

121 27.0 26.1 39.1





#39

Methylcyclohexane

Concen: 19.923 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

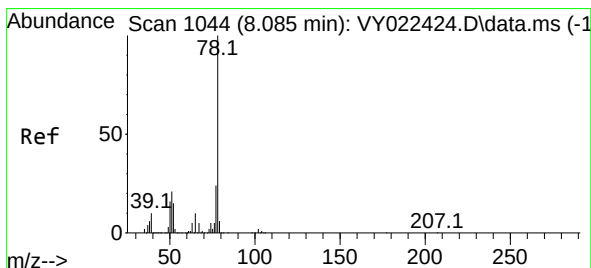
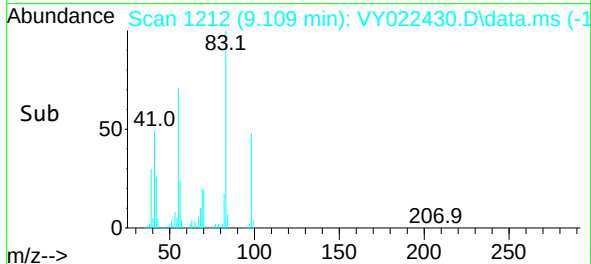
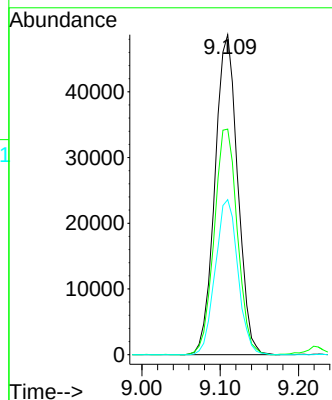
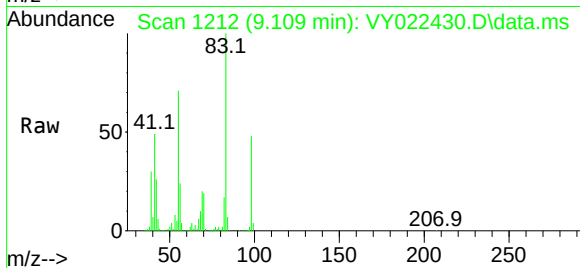
Tgt Ion: 83 Resp: 98231

Ion Ratio Lower Upper

83 100

55 70.5 56.2 84.2

98 48.5 38.4 57.6



#40

Benzene

Concen: 20.851 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022430.D

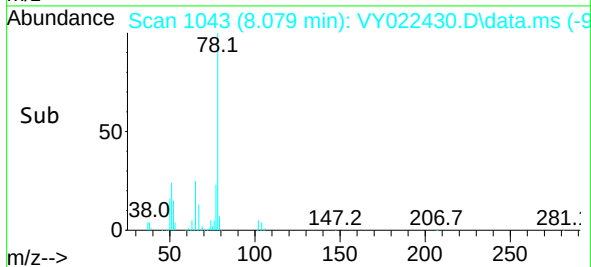
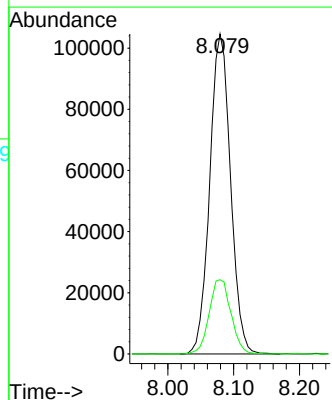
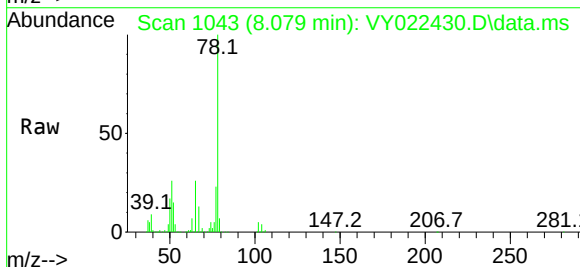
Acq: 27 May 2025 13:35

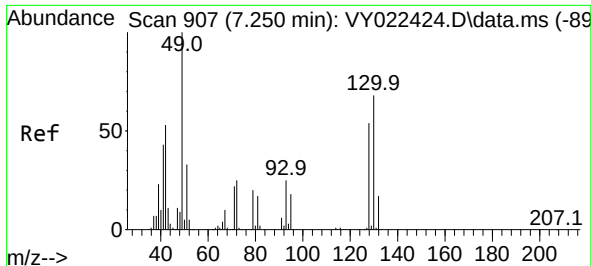
Tgt Ion: 78 Resp: 230138

Ion Ratio Lower Upper

78 100

77 23.2 19.4 29.2

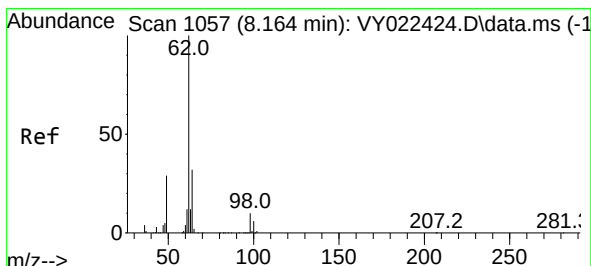
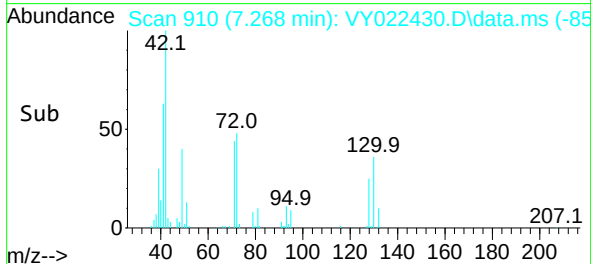
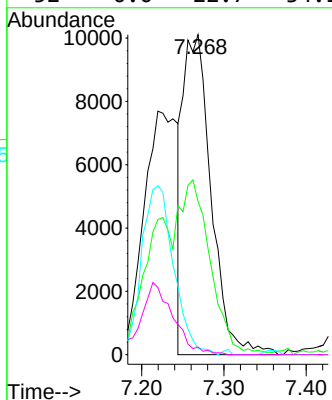
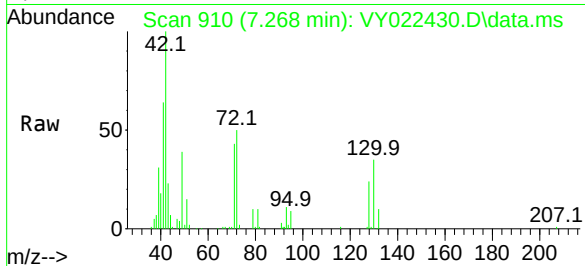




#41
Methacrylonitrile
Concen: 25.064 ug/l
RT: 7.268 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

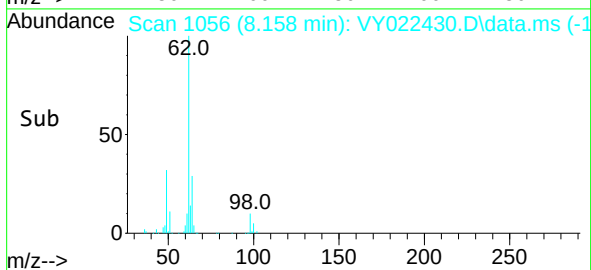
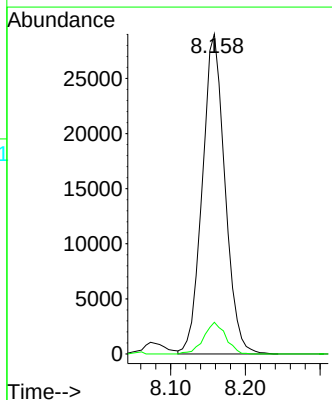
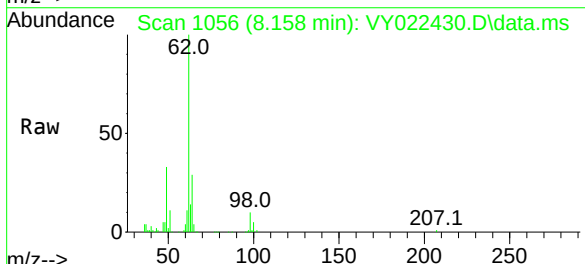
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

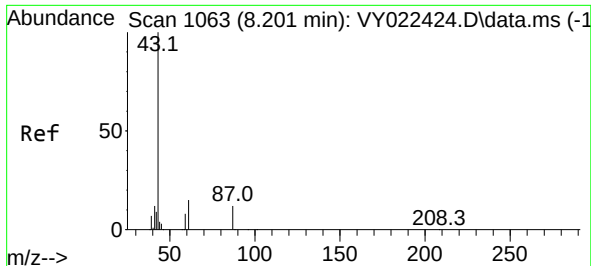
Tgt Ion: 41 Resp: 23980
Ion Ratio Lower Upper
41 100
39 61.2 40.4 60.6#
67 0.0 53.0 79.4#
52 0.0 22.7 34.1#



#42
1,2-Dichloroethane
Concen: 20.920 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion: 62 Resp: 60983
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.4

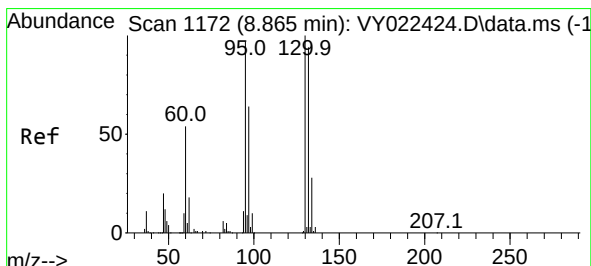
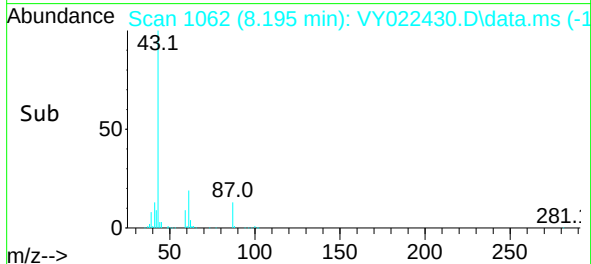
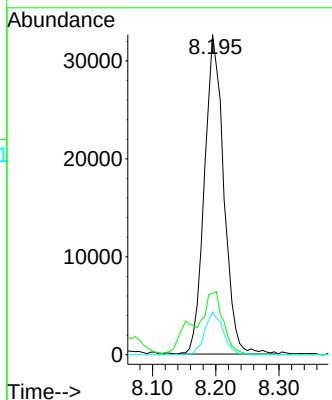
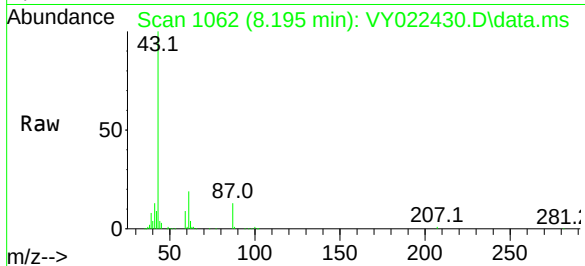




#43
Isopropyl Acetate
Concen: 20.185 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

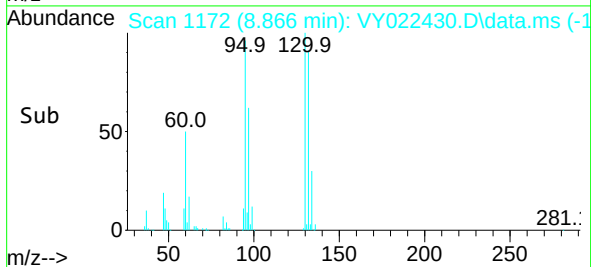
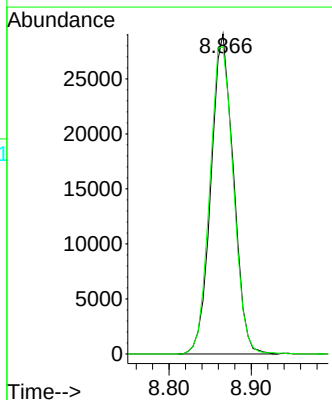
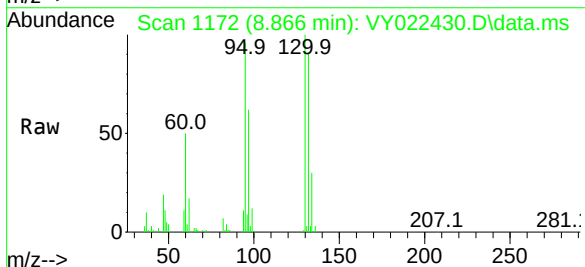
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

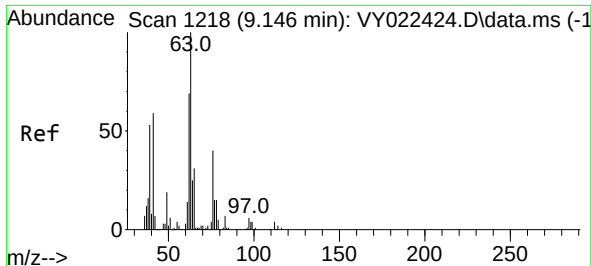
Tgt Ion: 43 Resp: 69531
Ion Ratio Lower Upper
43 100
61 19.8 15.4 23.0
87 12.7 10.6 15.8



#44
Trichloroethene
Concen: 20.242 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion:130 Resp: 55229
Ion Ratio Lower Upper
130 100
95 96.0 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.850 ug/l

RT: 9.140 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

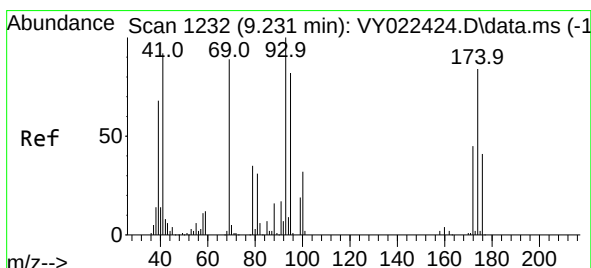
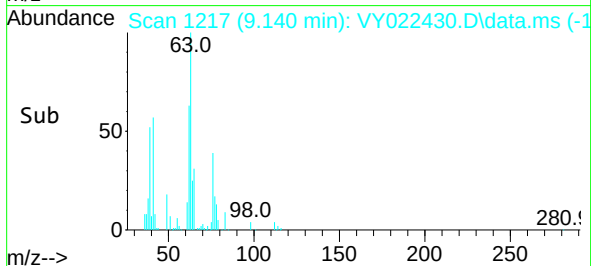
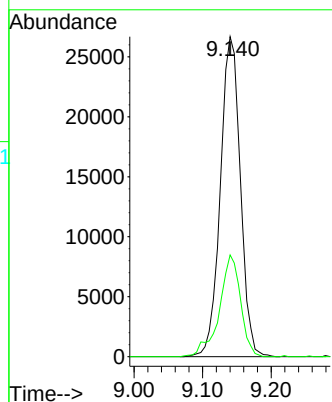
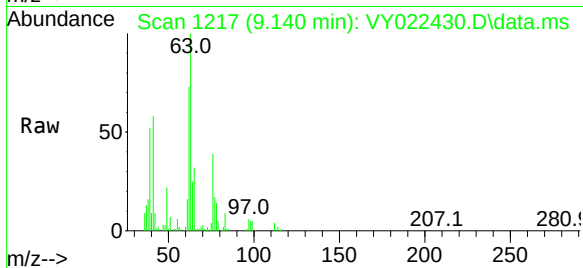
VY0527SBS01

Tgt Ion: 63 Resp: 54068

Ion Ratio Lower Upper

63 100

65 31.8 25.1 37.7



#46

Dibromomethane

Concen: 20.254 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

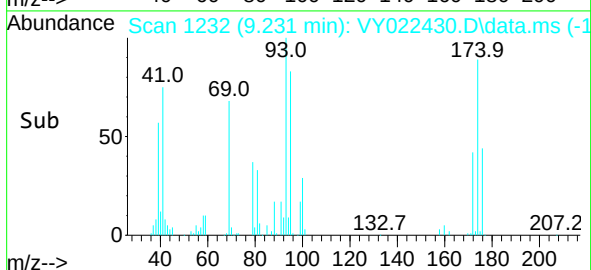
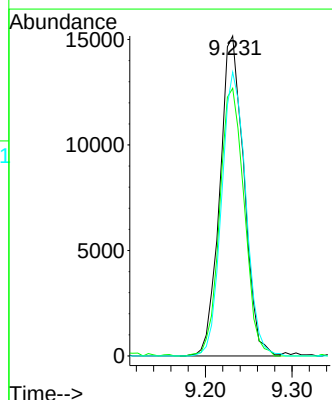
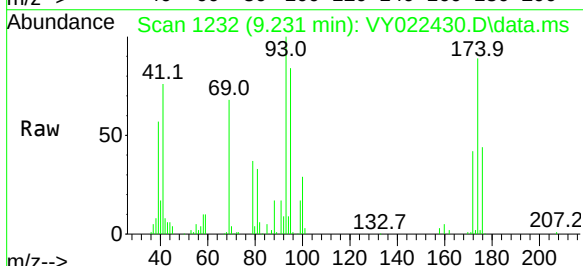
Tgt Ion: 93 Resp: 29341

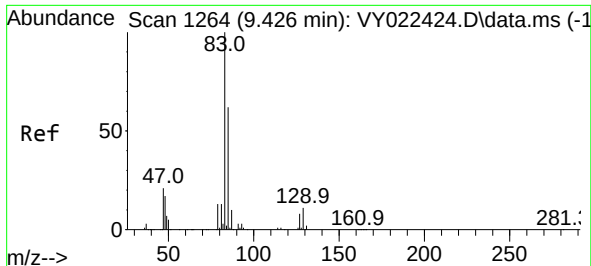
Ion Ratio Lower Upper

93 100

95 84.9 66.2 99.2

174 88.9 71.1 106.7

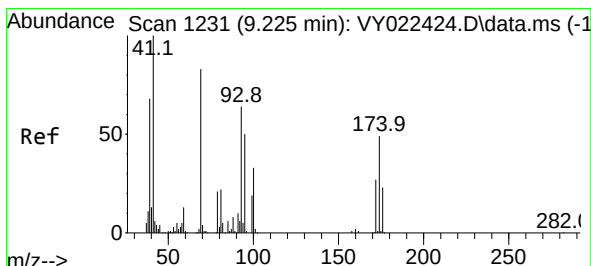
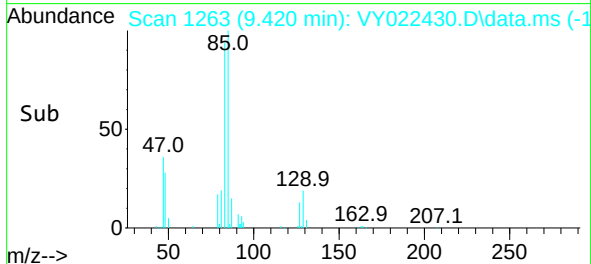
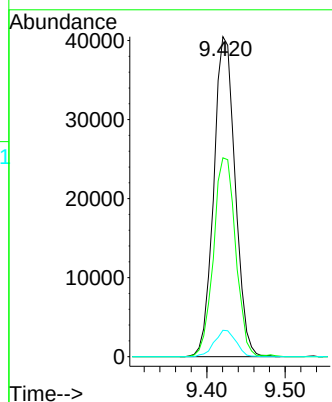
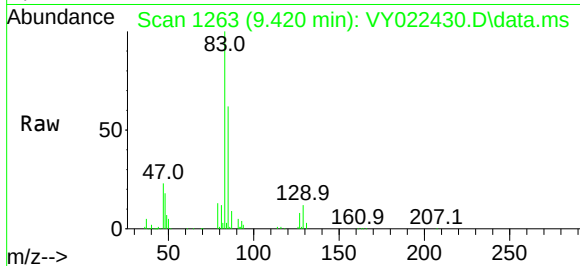




#47
Bromodichloromethane
Concen: 20.656 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

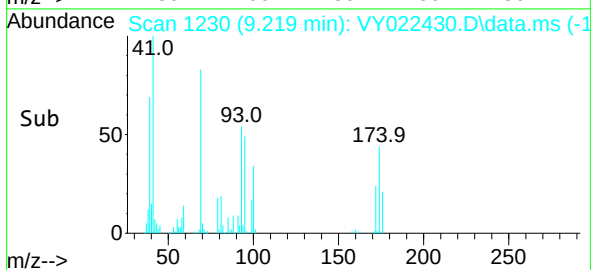
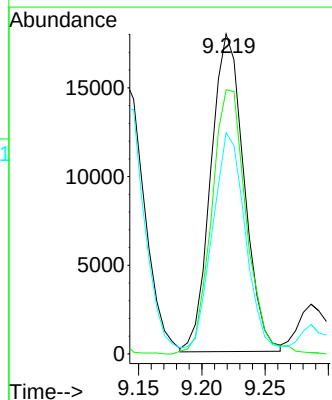
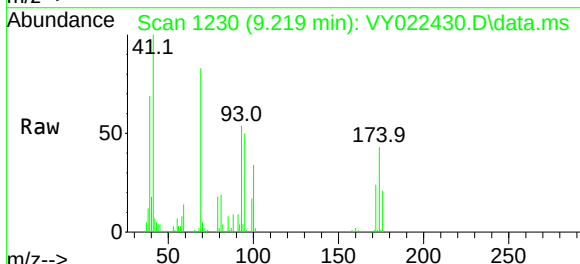
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

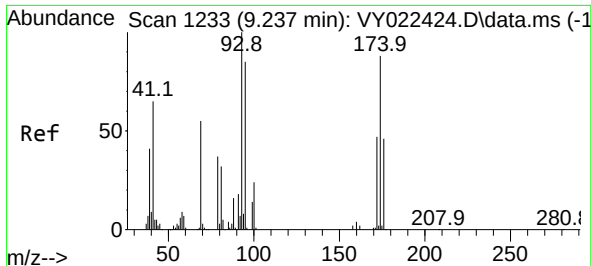
Tgt Ion: 83 Resp: 76948
Ion Ratio Lower Upper
83 100
85 62.1 49.8 74.6
127 8.3 6.6 9.8



#48
Methyl methacrylate
Concen: 20.495 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion: 41 Resp: 32772
Ion Ratio Lower Upper
41 100
69 86.7 70.3 105.5
39 66.0 55.4 83.0





#49

1,4-Dioxane

Concen: 421.110 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

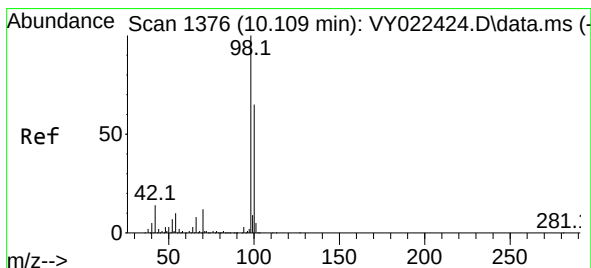
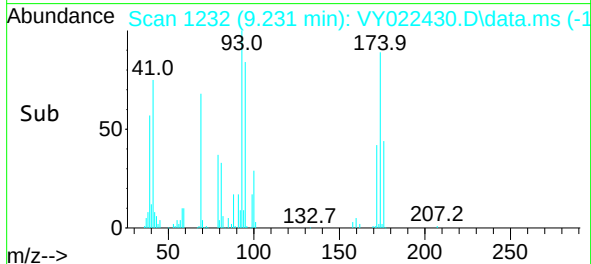
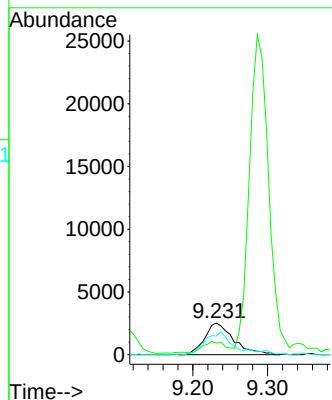
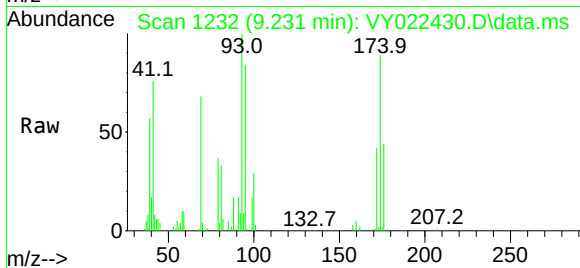
Tgt Ion: 88 Resp: 6738

Ion Ratio Lower Upper

88 100

43 26.0 26.9 40.3#

58 68.9 55.8 83.6



#50

Toluene-d8

Concen: 50.229 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022430.D

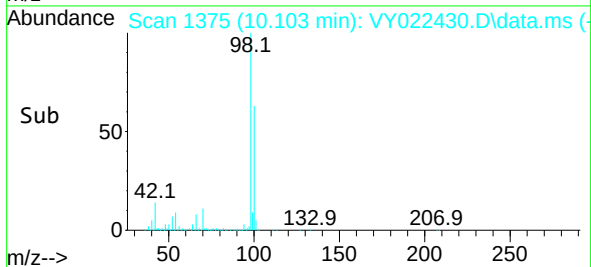
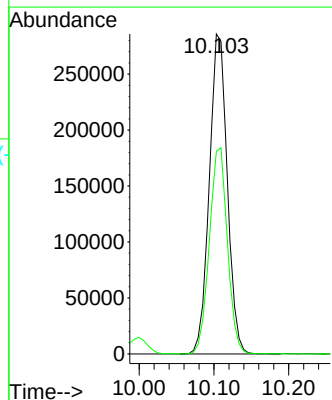
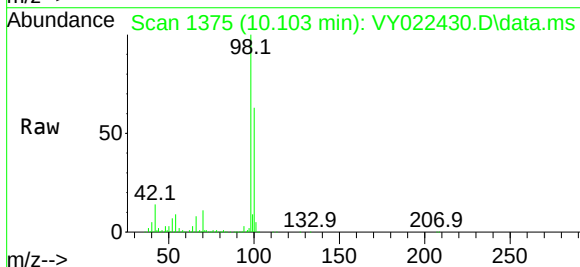
Acq: 27 May 2025 13:35

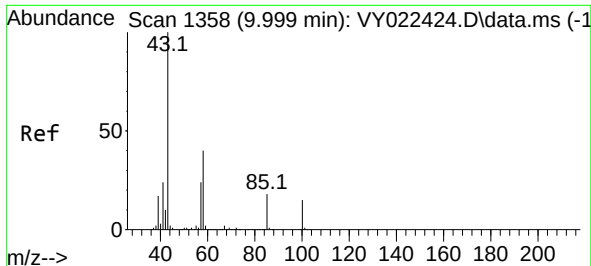
Tgt Ion: 98 Resp: 478633

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2

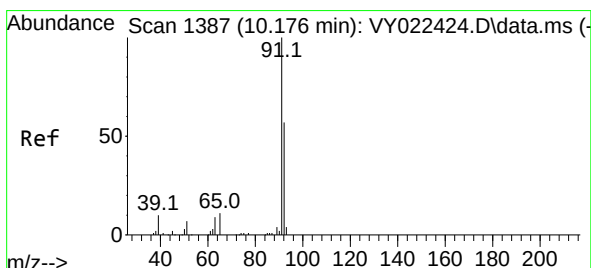
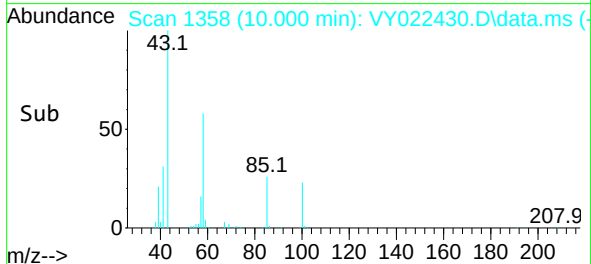
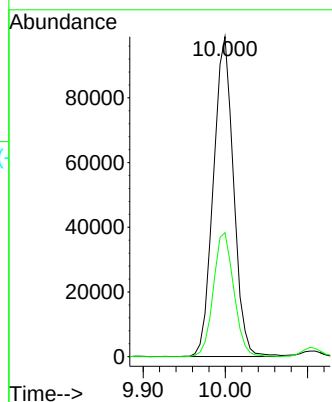
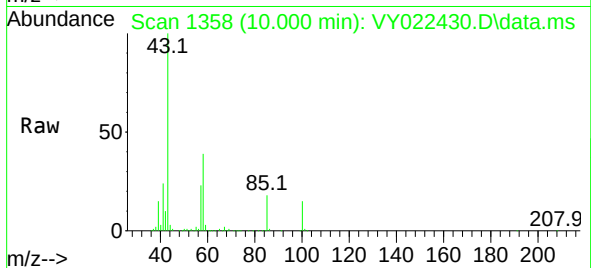




#51
4-Methyl-2-Pentanone
Concen: 99.209 ug/l
RT: 10.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

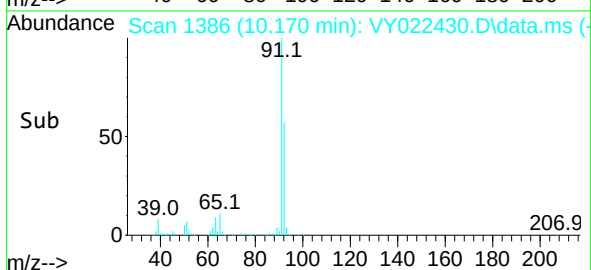
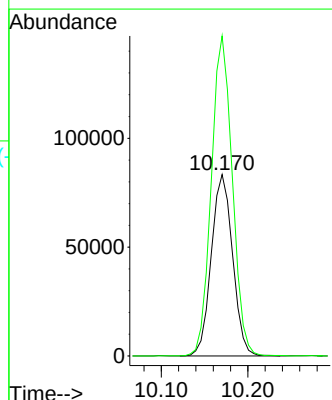
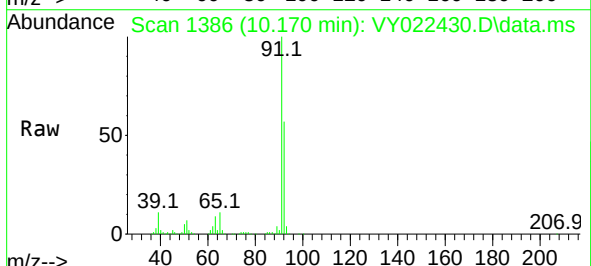
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

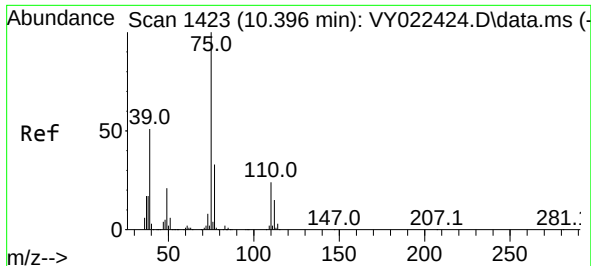
Tgt Ion: 43 Resp: 168616
Ion Ratio Lower Upper
43 100
58 39.4 31.2 46.8



#52
Toluene
Concen: 20.644 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion: 92 Resp: 142314
Ion Ratio Lower Upper
92 100
91 174.3 139.8 209.6

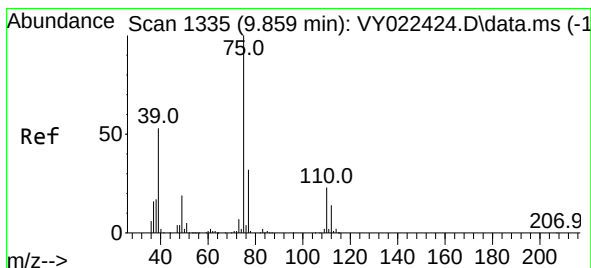
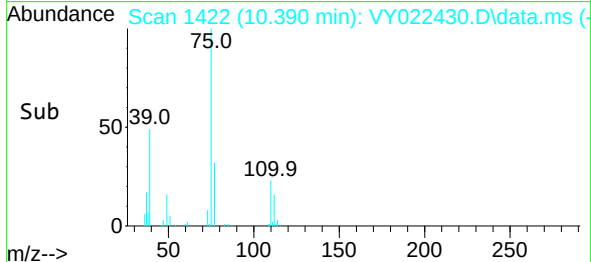
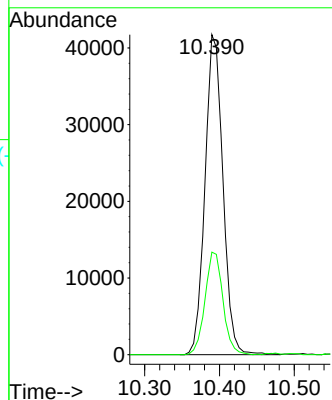
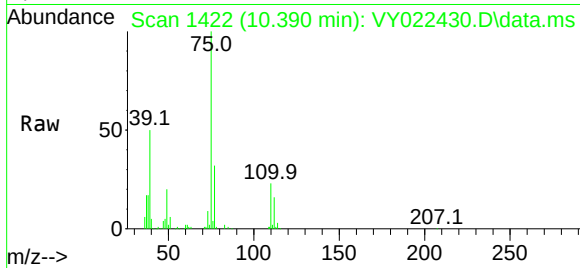




#53
t-1,3-Dichloropropene
Concen: 20.054 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

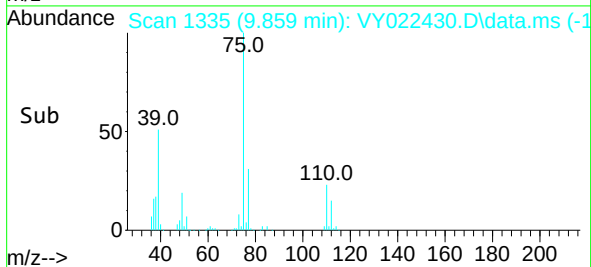
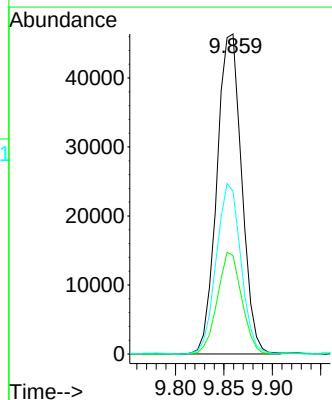
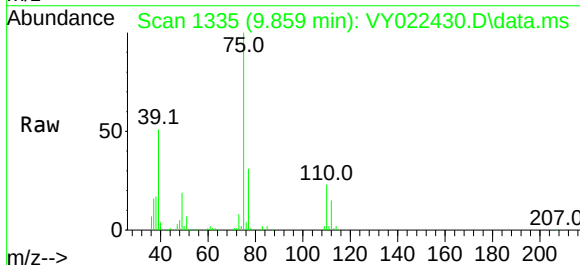
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

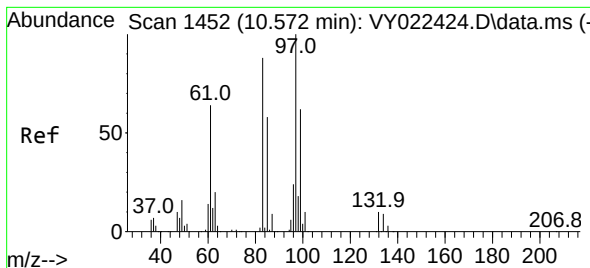
Tgt Ion: 75 Resp: 69585
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 20.276 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion: 75 Resp: 82670
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2
39 50.9 42.5 63.7

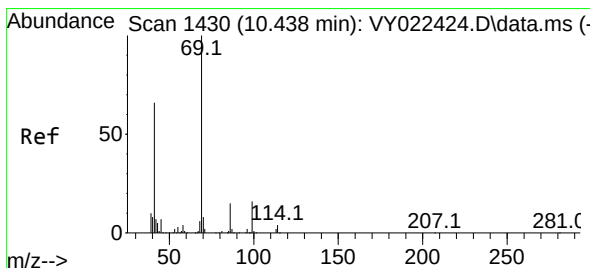
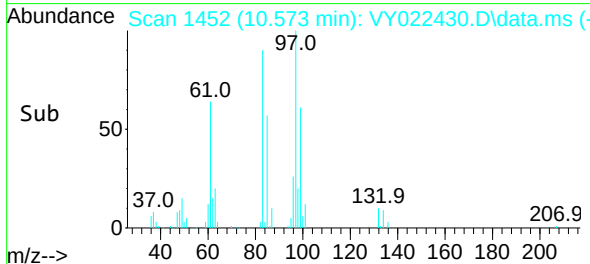
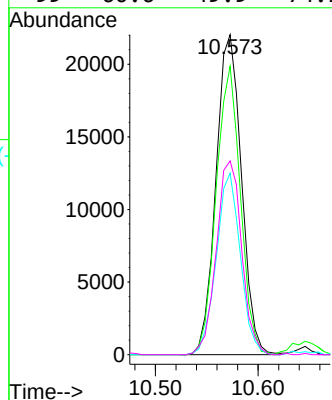
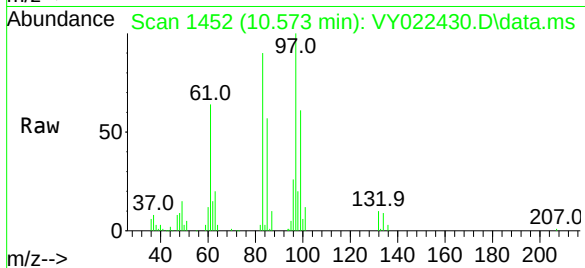




#55
 1,1,2-Trichloroethane
 Concen: 20.663 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY022430.D
 Acq: 27 May 2025 13:35

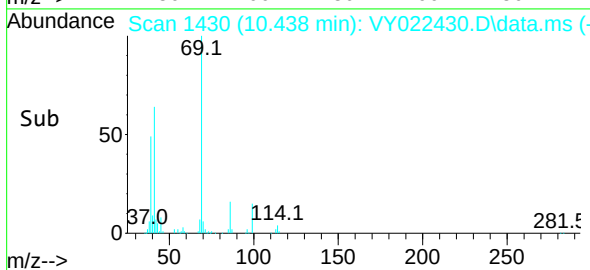
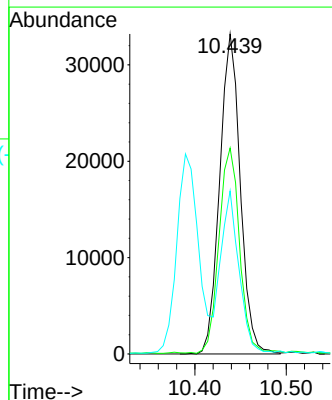
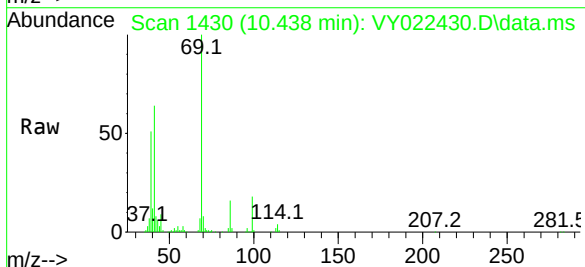
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

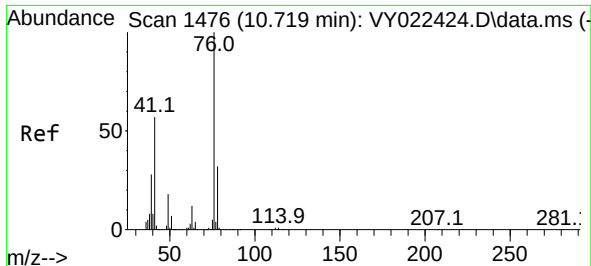
Tgt Ion: 97	Resp: 37845
Ion Ratio	Lower Upper
97 100	
83 90.1	70.2 105.4
85 56.7	46.1 69.1
99 60.6	49.9 74.9



#56
 Ethyl methacrylate
 Concen: 19.796 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: VY022430.D
 Acq: 27 May 2025 13:35

Tgt Ion: 69	Resp: 52031
Ion Ratio	Lower Upper
69 100	
41 63.9	51.2 76.8
39 43.4	35.2 52.8





#57

1,3-Dichloropropane

Concen: 20.537 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

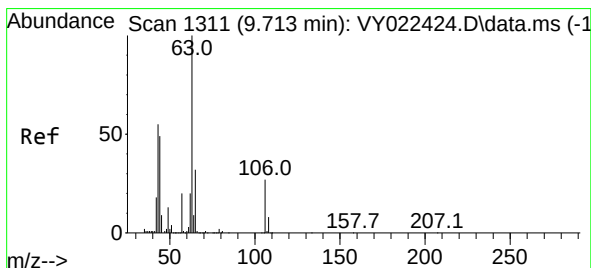
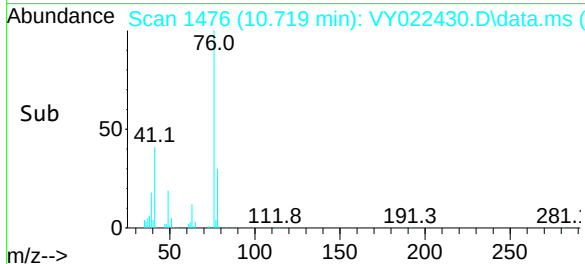
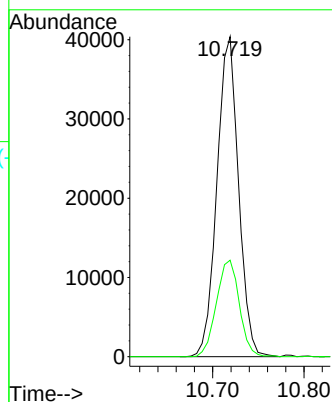
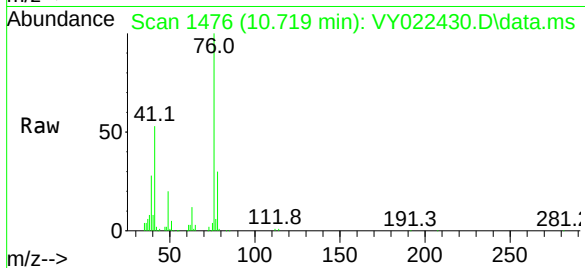
VY0527SBS01

Tgt Ion: 76 Resp: 66285

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.573 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022430.D

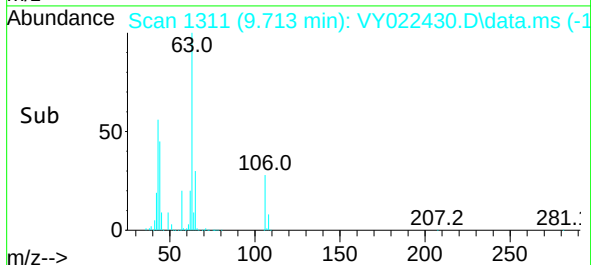
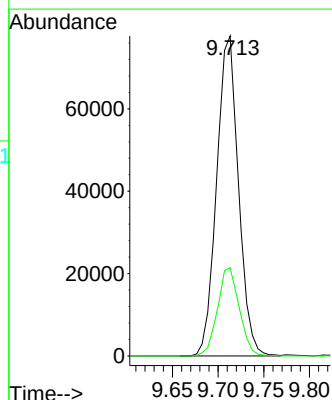
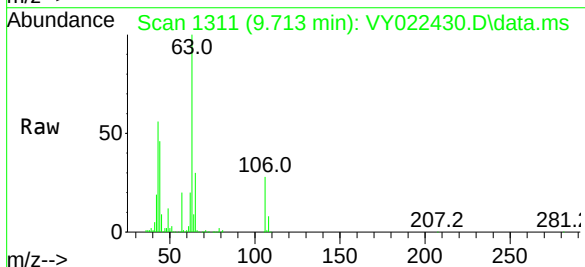
Acq: 27 May 2025 13:35

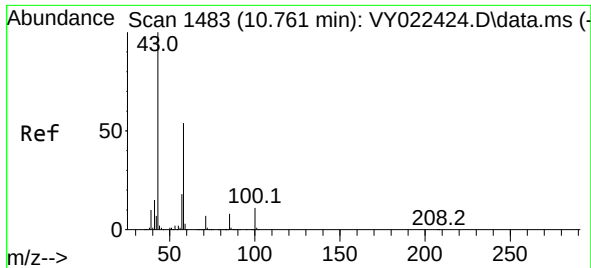
Tgt Ion: 63 Resp: 129124

Ion Ratio Lower Upper

63 100

106 27.5 22.2 33.2

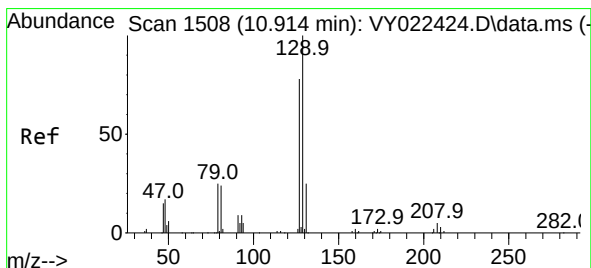
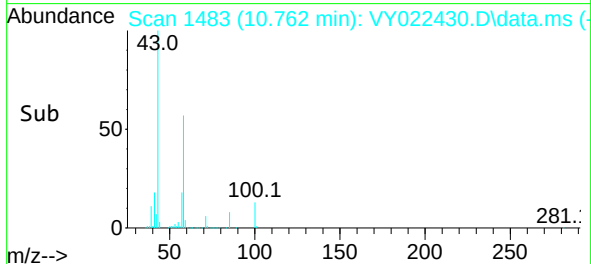
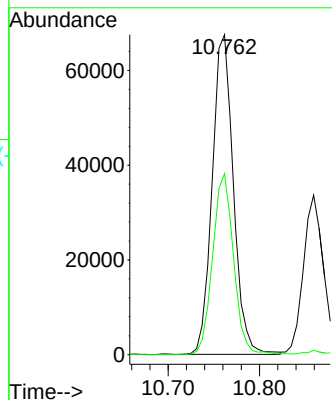
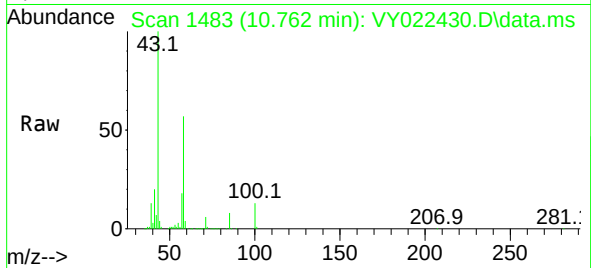




#59
2-Hexanone
Concen: 97.487 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

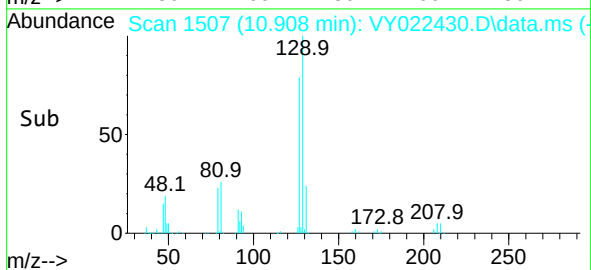
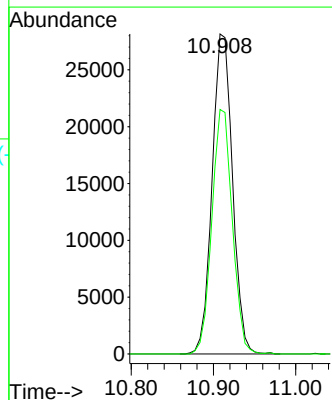
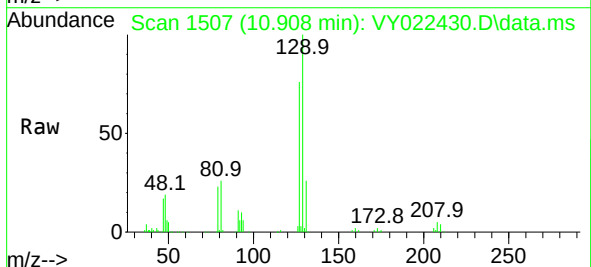
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

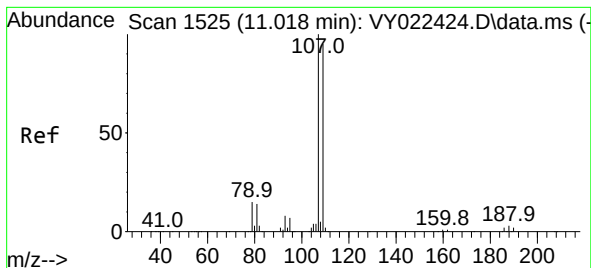
Tgt Ion: 43 Resp: 108584
Ion Ratio Lower Upper
43 100
58 56.0 27.1 81.2



#60
Dibromochloromethane
Concen: 20.669 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion: 129 Resp: 48358
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.8

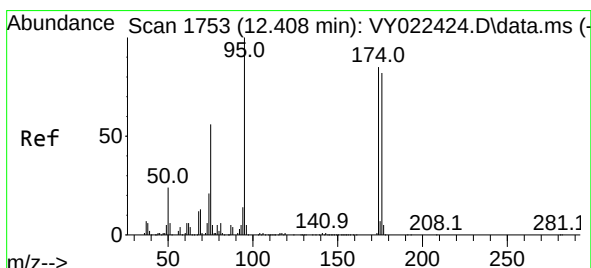
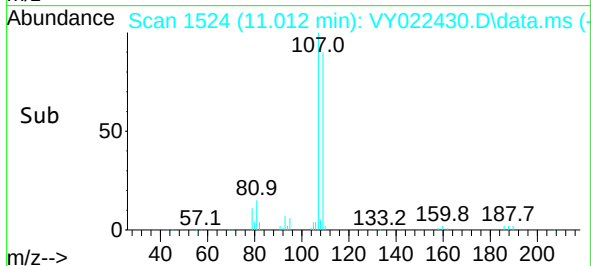
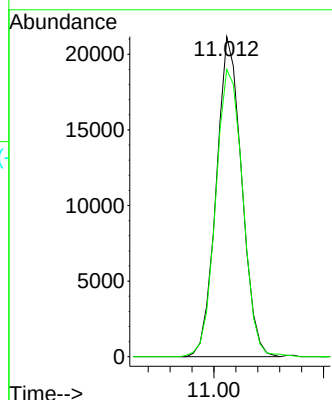
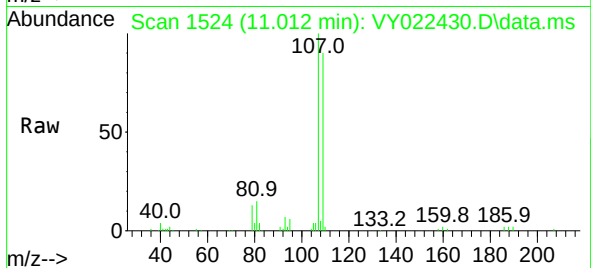




#61
1,2-Dibromoethane
Concen: 20.330 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

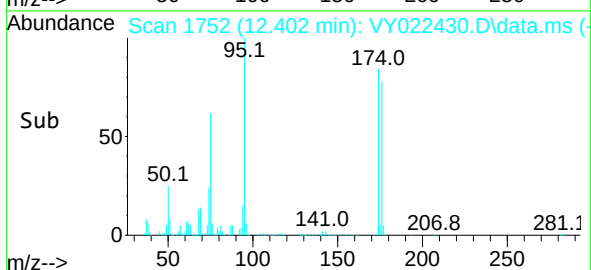
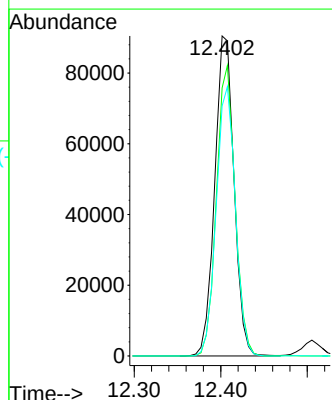
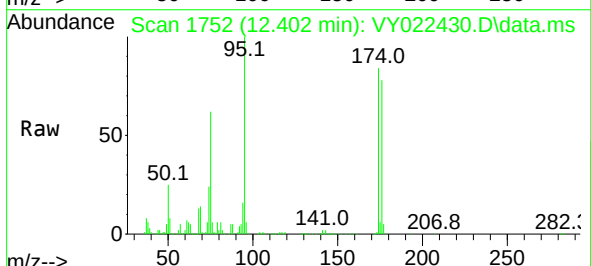
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

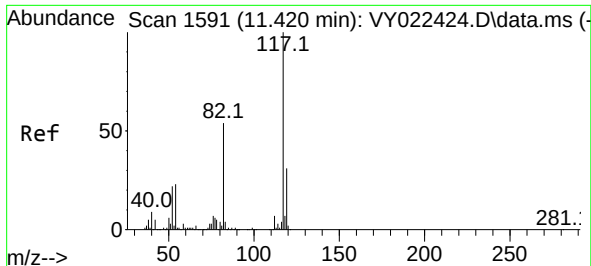
Tgt Ion:107 Resp: 34056
Ion Ratio Lower Upper
107 100
109 95.7 74.0 111.0



#62
4-Bromofluorobenzene
Concen: 48.553 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion: 95 Resp: 139946
Ion Ratio Lower Upper
95 100
174 87.5 0.0 171.6
176 83.6 0.0 164.6

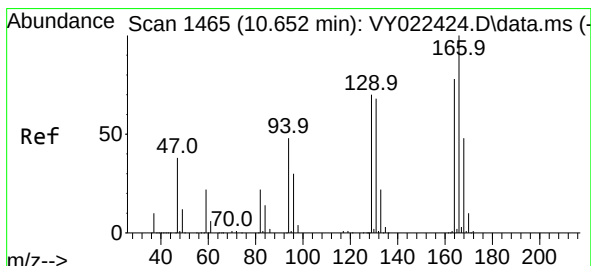
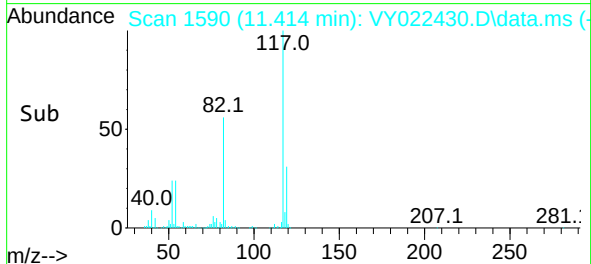
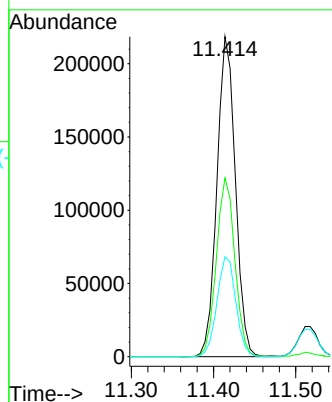
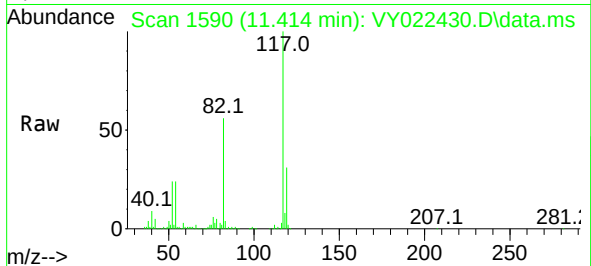




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

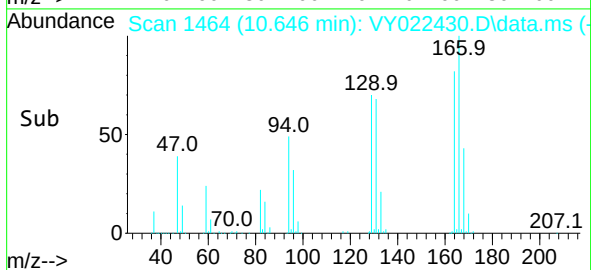
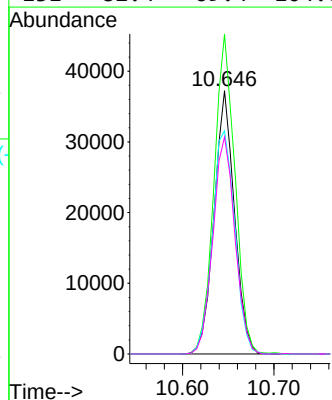
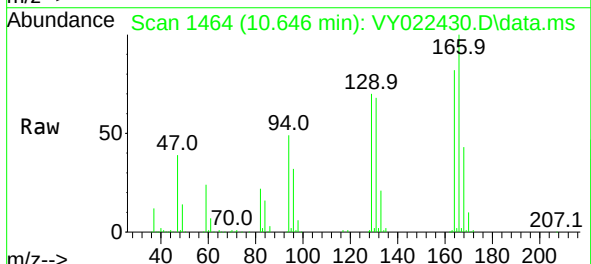
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

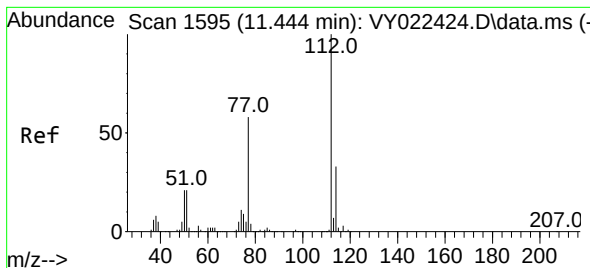
Tgt Ion:117 Resp: 340460
Ion Ratio Lower Upper
117 100
82 55.9 43.3 64.9
119 31.2 24.5 36.7



#64
Tetrachloroethene
Concen: 19.905 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion:164 Resp: 57716
Ion Ratio Lower Upper
164 100
166 121.6 102.0 153.0
129 84.8 71.3 106.9
131 82.4 69.4 104.0

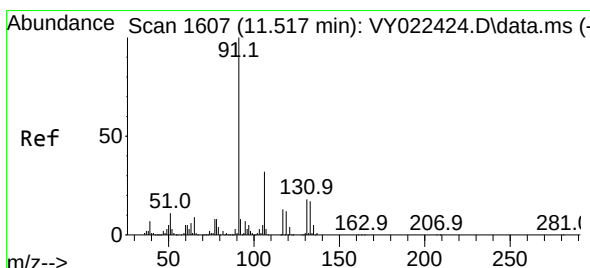
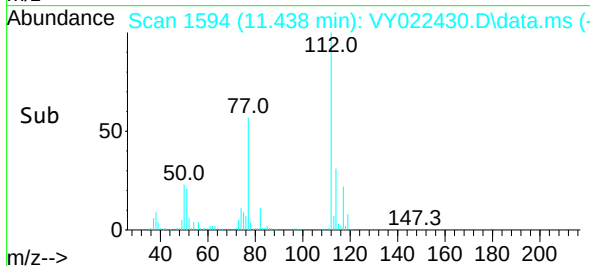
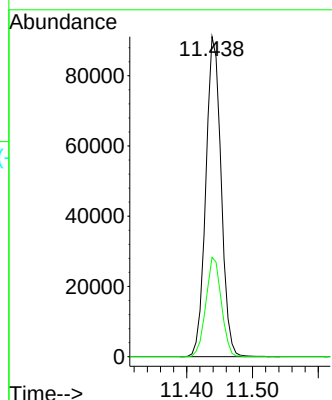
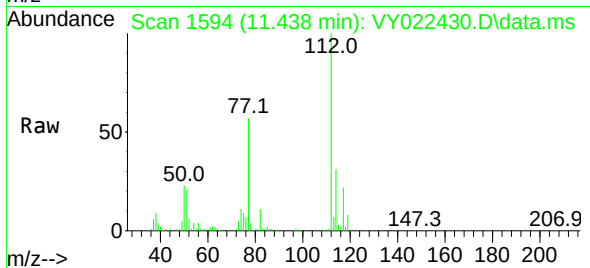




#65
Chlorobenzene
Concen: 20.283 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

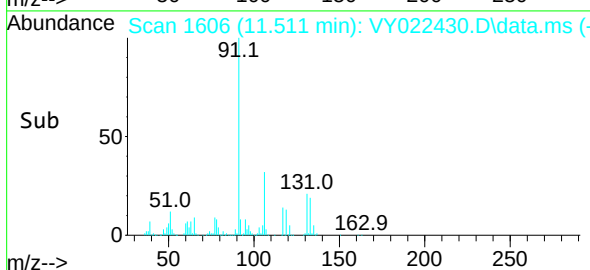
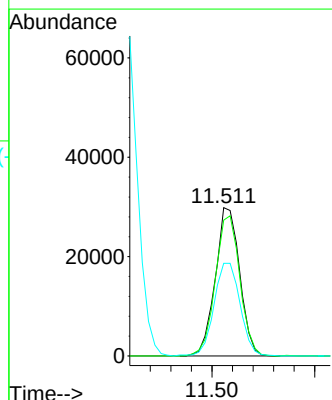
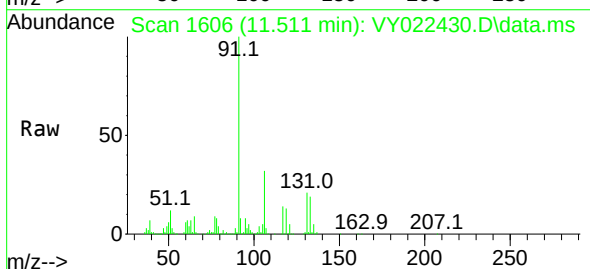
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

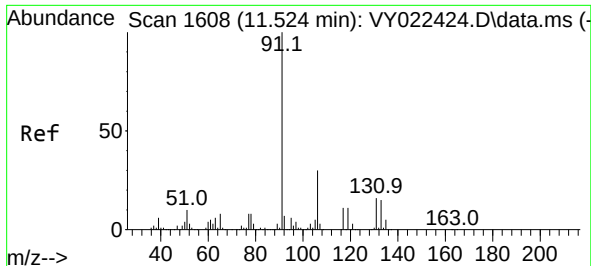
Tgt Ion:112 Resp: 147244
Ion Ratio Lower Upper
112 100
114 31.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.946 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion:131 Resp: 49061
Ion Ratio Lower Upper
131 100
133 95.4 46.6 139.8
119 67.0 33.3 99.8





#67

Ethyl Benzene

Concen: 19.704 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

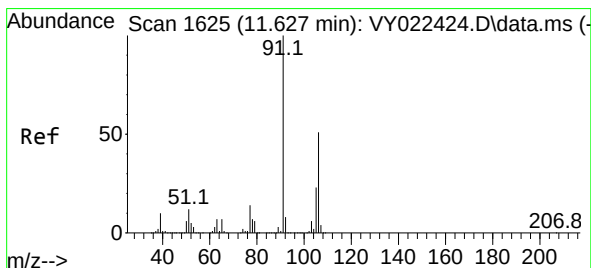
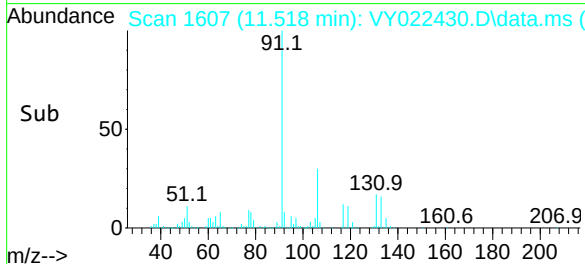
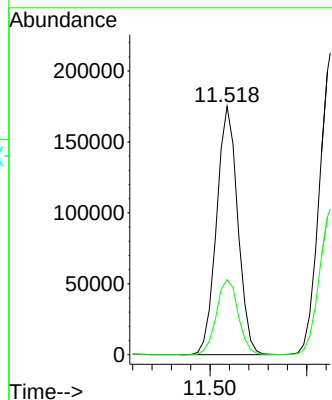
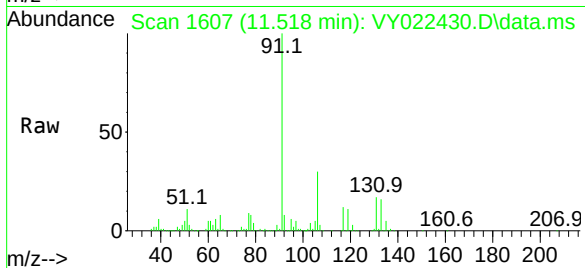
VY0527SBS01

Tgt Ion: 91 Resp: 265605

Ion Ratio Lower Upper

91 100

106 30.2 24.4 36.6



#68

m/p-Xylenes

Concen: 39.260 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022430.D

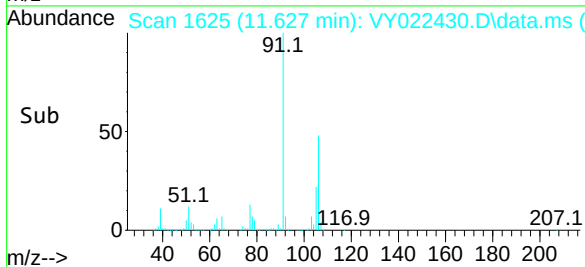
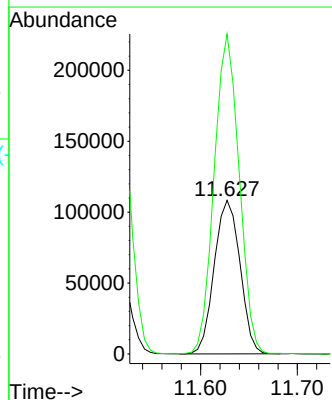
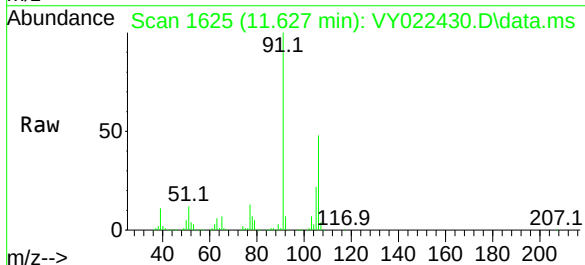
Acq: 27 May 2025 13:35

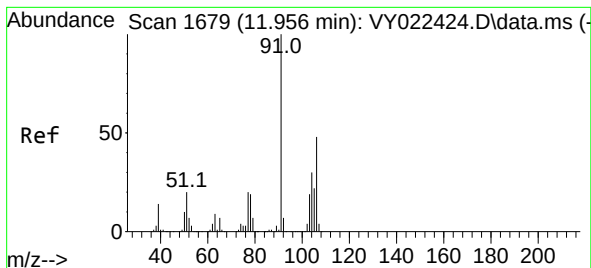
Tgt Ion:106 Resp: 200646

Ion Ratio Lower Upper

106 100

91 202.4 159.8 239.8





#69

o-Xylene

Concen: 19.811 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

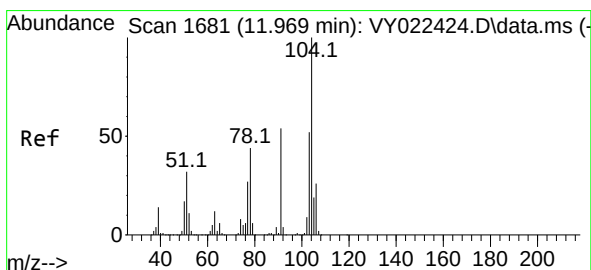
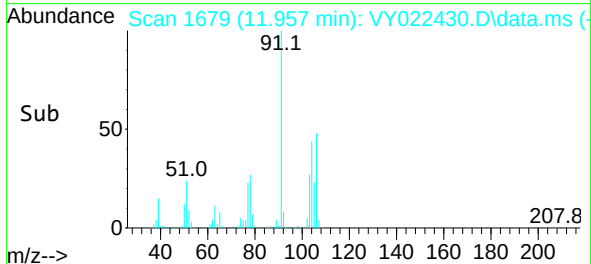
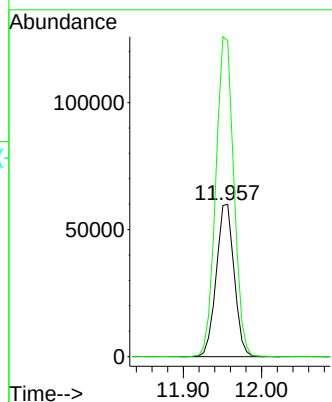
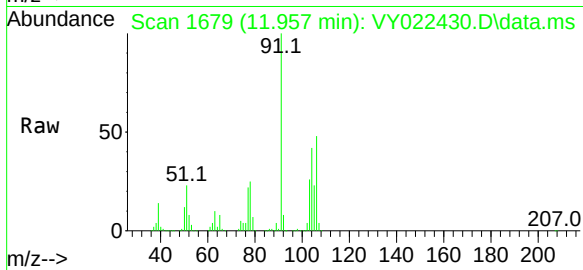
VY0527SBS01

Tgt Ion:106 Resp: 95157

Ion Ratio Lower Upper

106 100

91 212.2 106.3 318.9



#70

Styrene

Concen: 19.999 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

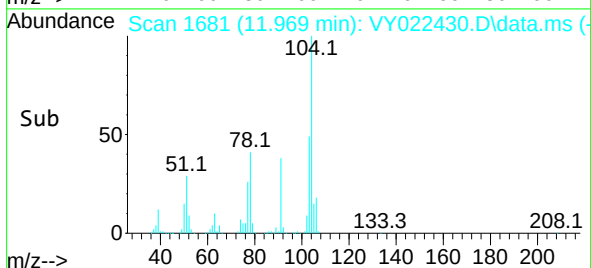
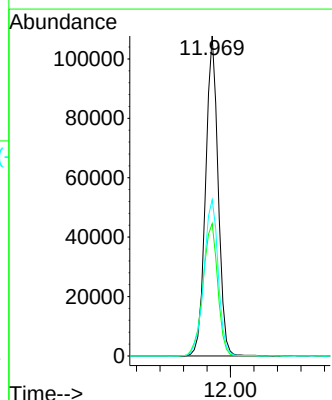
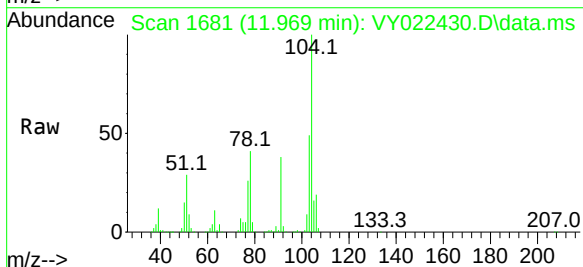
Tgt Ion:104 Resp: 159948

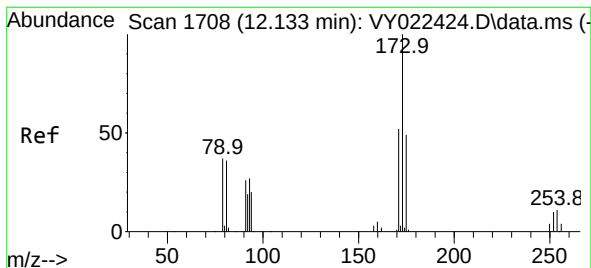
Ion Ratio Lower Upper

104 100

78 48.6 38.8 58.2

103 55.7 43.4 65.2





#71

Bromoform

Concen: 19.982 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

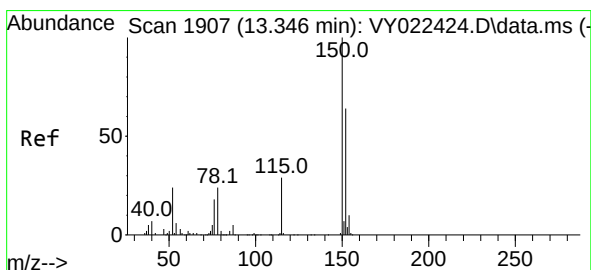
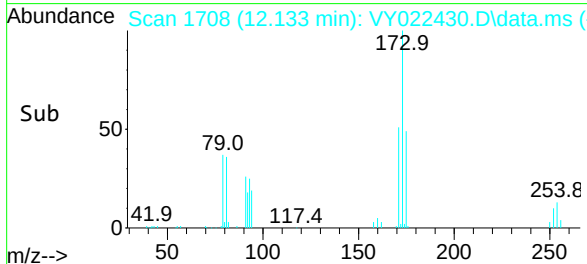
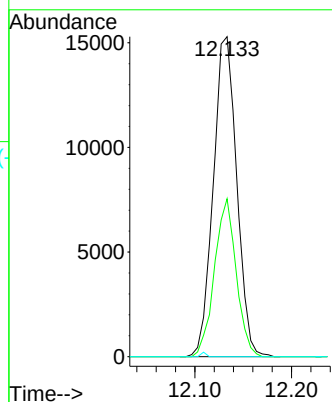
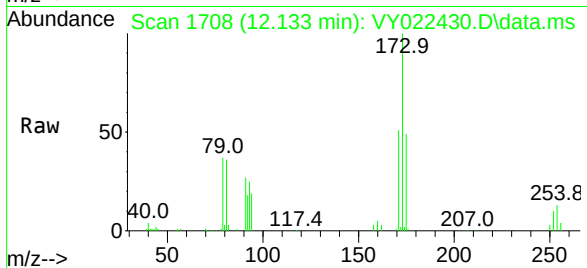
Tgt Ion:173 Resp: 25744

Ion Ratio Lower Upper

173 100

175 45.7 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

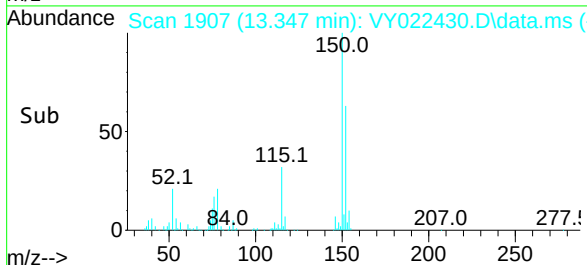
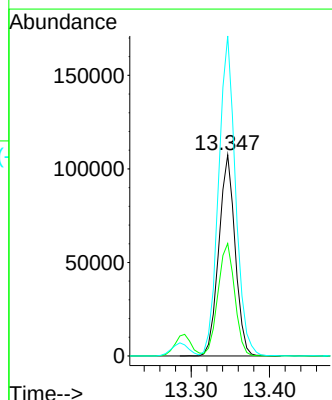
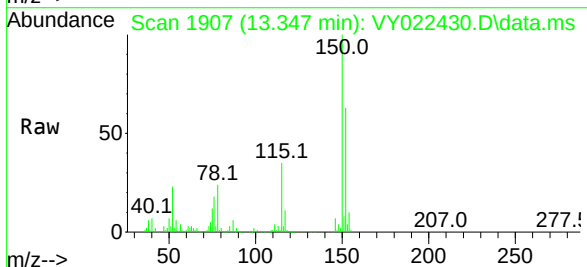
Tgt Ion:152 Resp: 155764

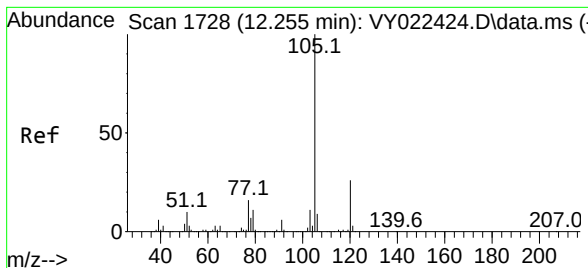
Ion Ratio Lower Upper

152 100

115 57.3 28.4 85.3

150 165.7 0.0 345.8





#73

Isopropylbenzene

Concen: 20.438 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

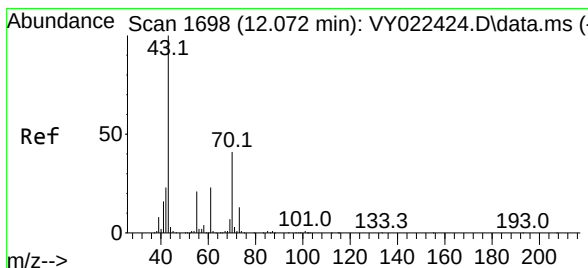
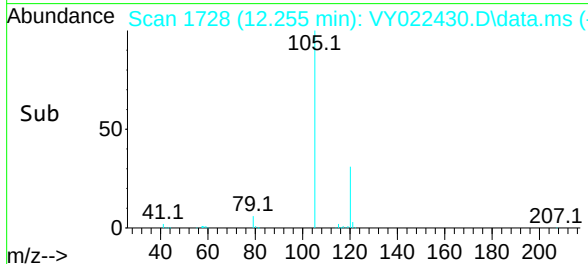
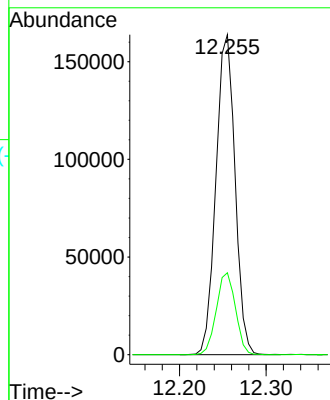
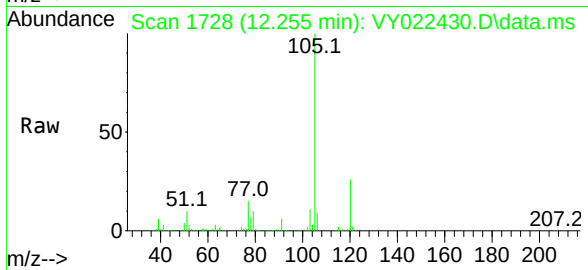
VY0527SBS01

Tgt Ion:105 Resp: 250558

Ion Ratio Lower Upper

105 100

120 25.7 13.2 39.5



#74

N-ethyl acetate

Concen: 19.188 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

Tgt Ion: 43 Resp: 57558

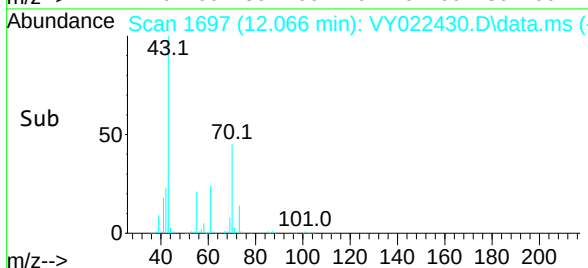
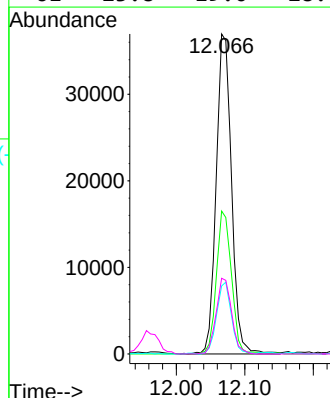
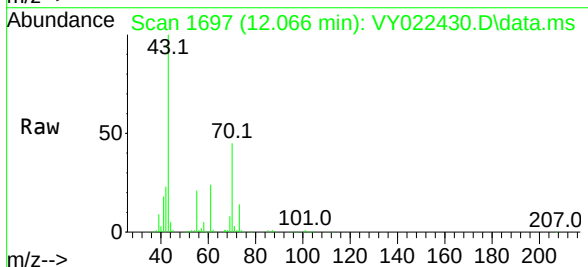
Ion Ratio Lower Upper

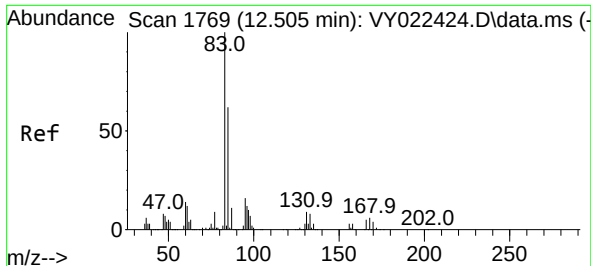
43 100

70 44.1 33.0 49.4

55 21.5 17.5 26.3

61 23.8 19.0 28.6

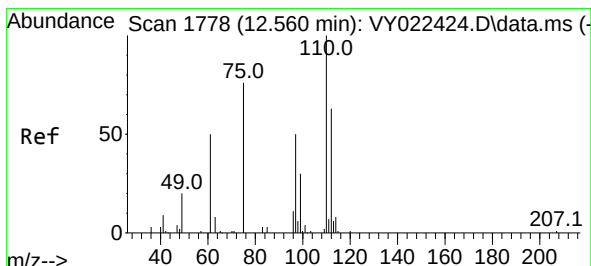
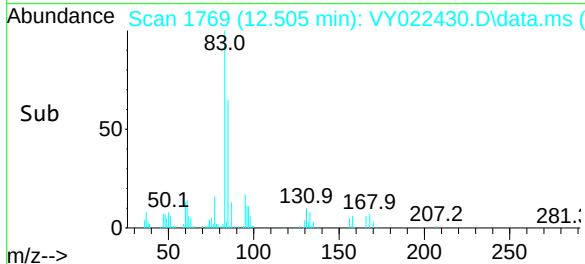
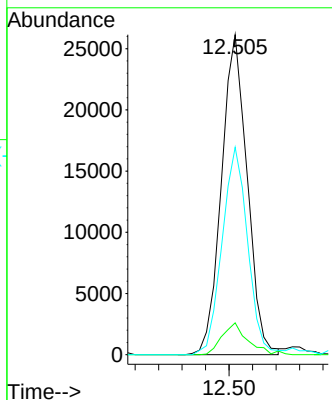
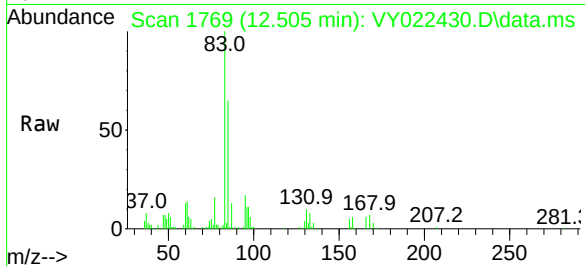




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.624 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022430.D
 Acq: 27 May 2025 13:35

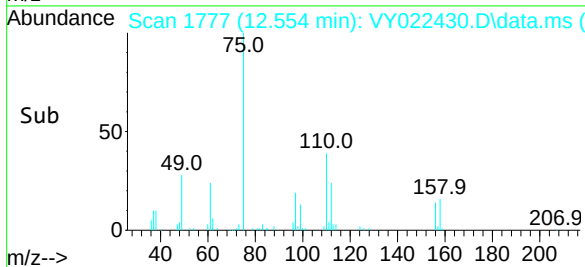
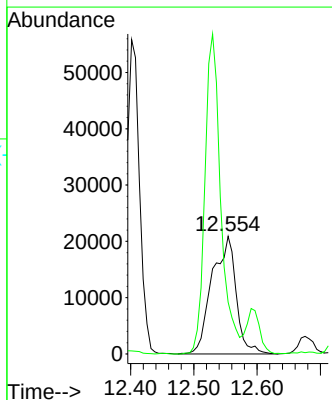
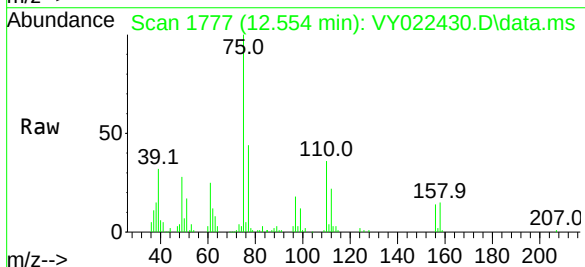
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

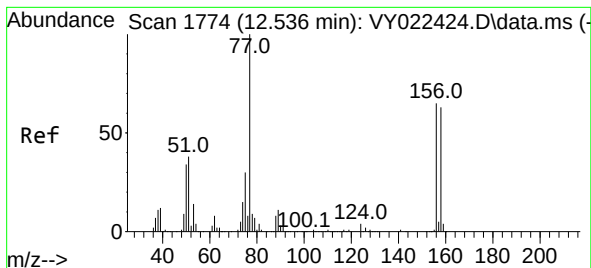
Tgt Ion: 83 Resp: 39835
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.8 14.4
 85 64.4 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 35.425 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY022430.D
 Acq: 27 May 2025 13:35

Tgt Ion: 75 Resp: 55271
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.170 ug/l

RT: 12.530 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

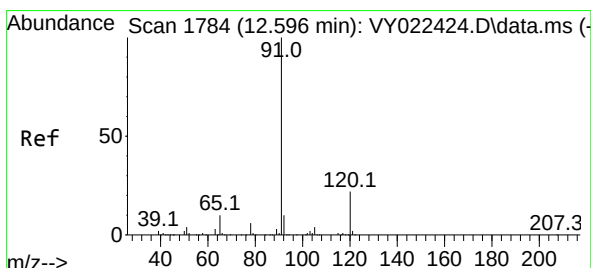
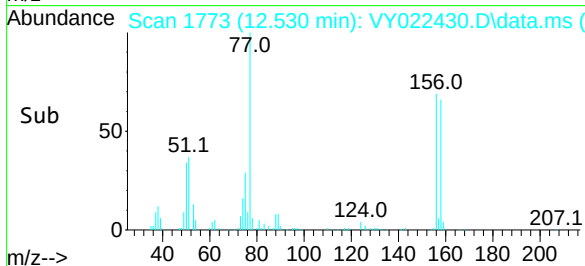
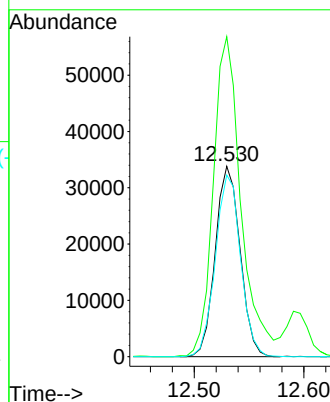
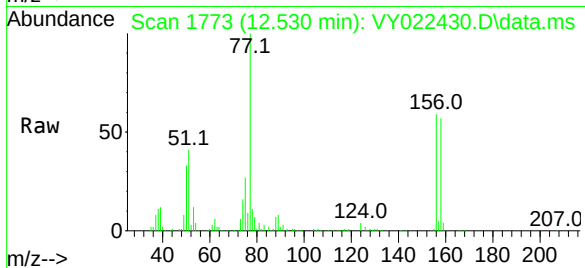
Tgt Ion:156 Resp: 53210

Ion Ratio Lower Upper

156 100

77 186.6 91.4 274.2

158 97.0 48.1 144.3



#78

n-propylbenzene

Concen: 20.305 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022430.D

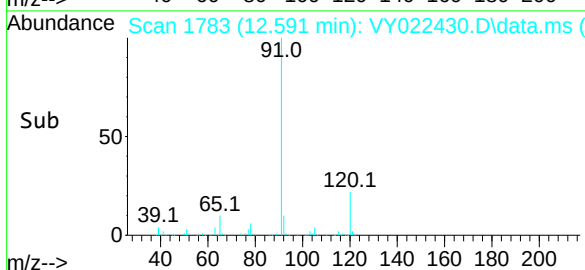
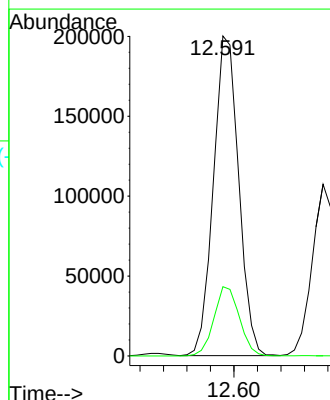
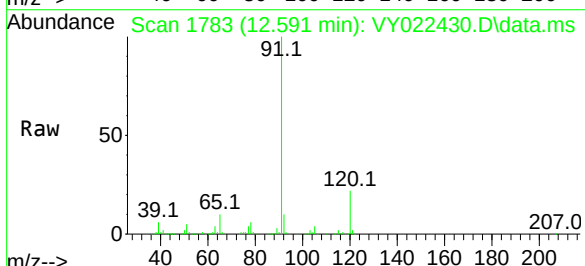
Acq: 27 May 2025 13:35

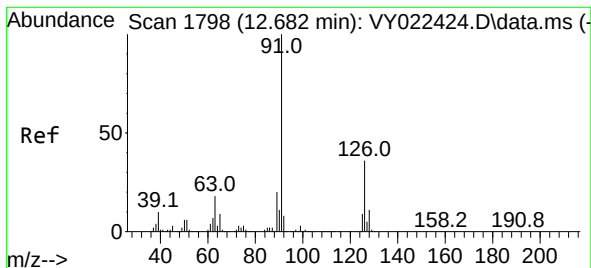
Tgt Ion: 91 Resp: 298731

Ion Ratio Lower Upper

91 100

120 21.8 11.2 33.5





#79

2-Chlorotoluene

Concen: 20.133 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

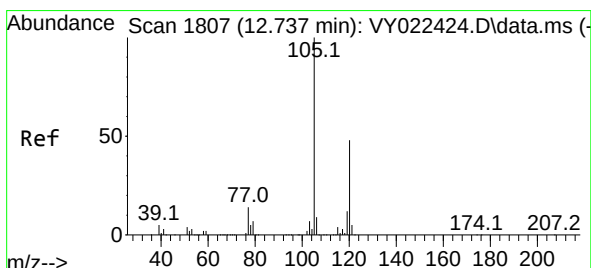
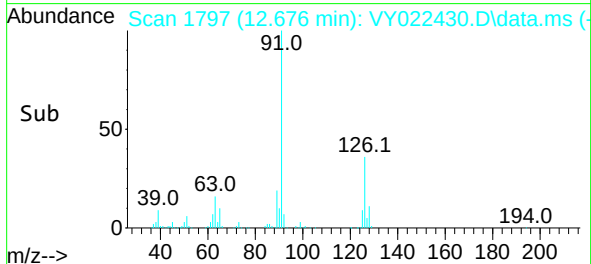
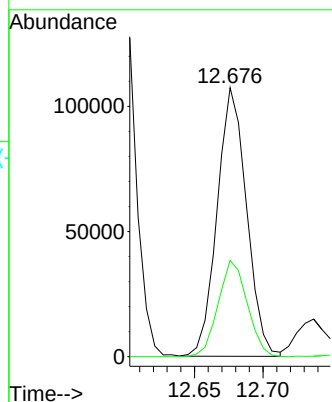
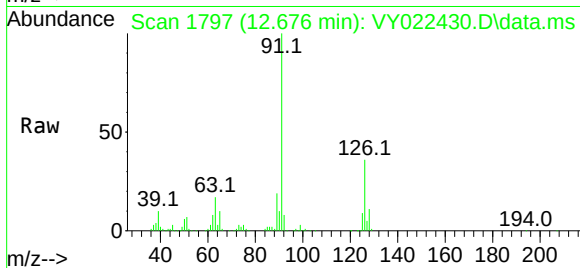
VY0527SBS01

Tgt Ion: 91 Resp: 160337

Ion Ratio Lower Upper

91 100

126 35.3 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 20.270 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022430.D

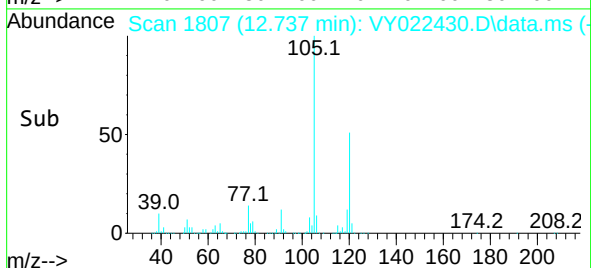
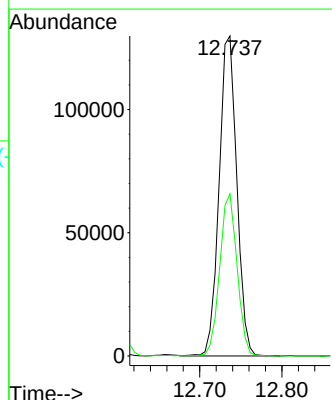
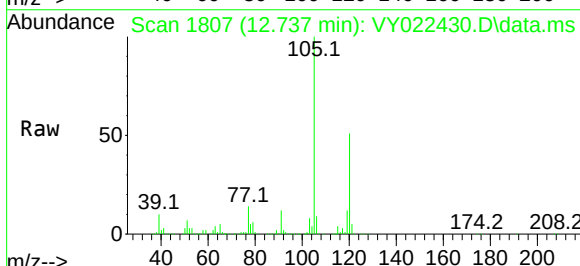
Acq: 27 May 2025 13:35

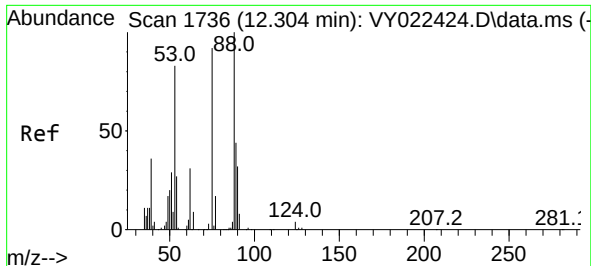
Tgt Ion:105 Resp: 194158

Ion Ratio Lower Upper

105 100

120 49.7 24.3 73.0

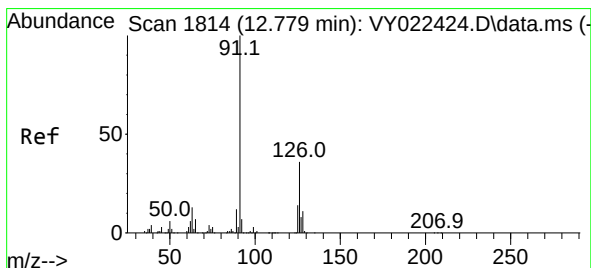
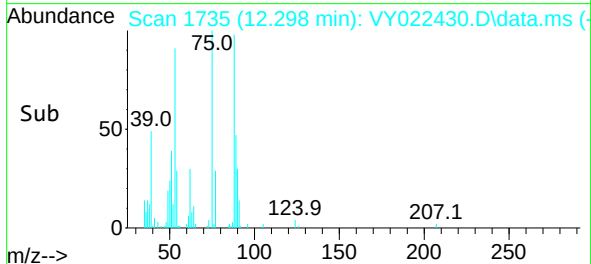
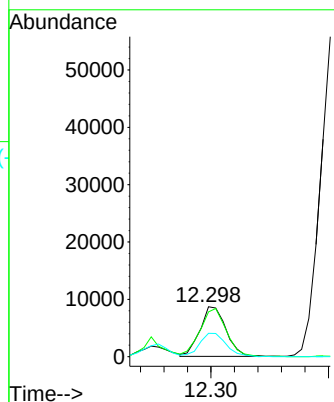
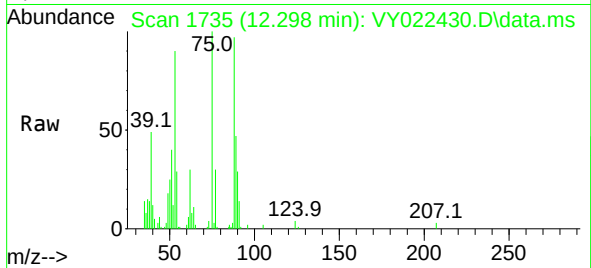




#81
trans-1,4-Dichloro-2-butene
Concen: 19.077 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

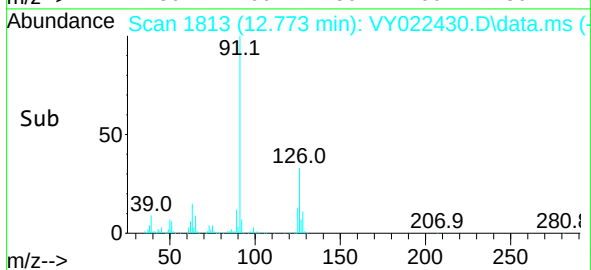
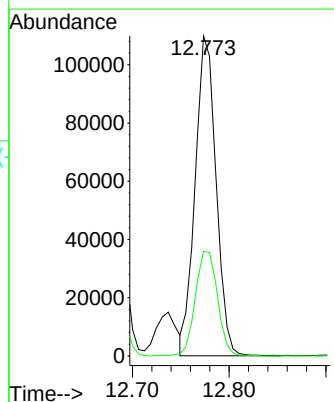
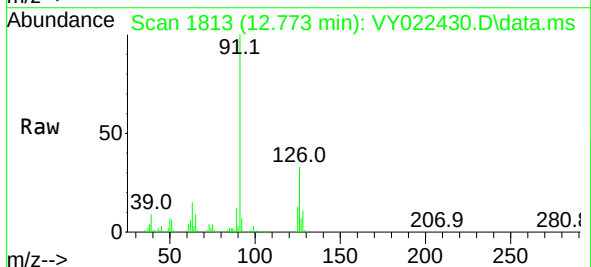
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

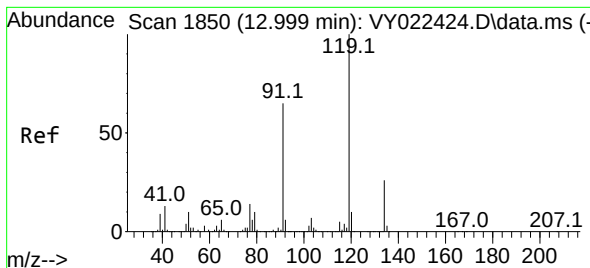
Tgt Ion: 75 Resp: 13162
Ion Ratio Lower Upper
75 100
53 100.4 75.1 112.7
89 48.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.120 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion: 91 Resp: 165029
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.382 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

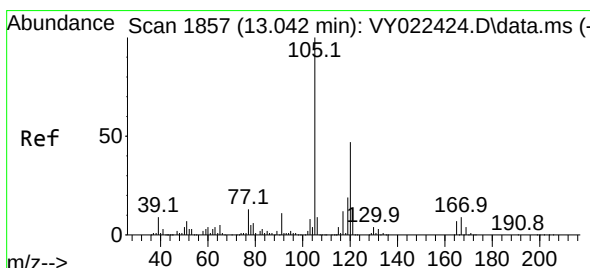
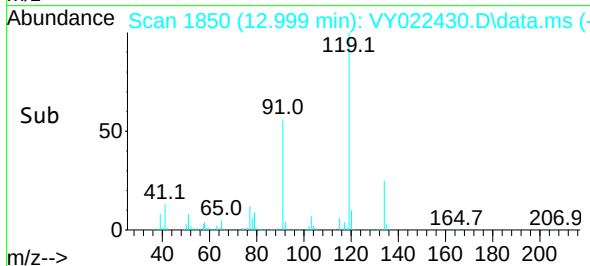
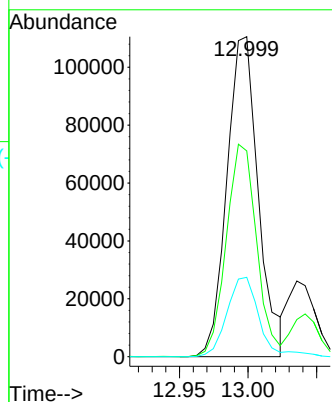
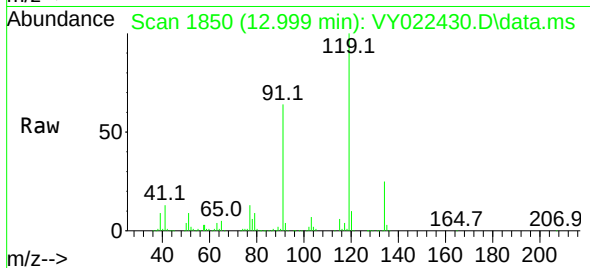
Tgt Ion:119 Resp: 176391

Ion Ratio Lower Upper

119 100

91 64.2 31.8 95.3

134 25.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.306 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022430.D

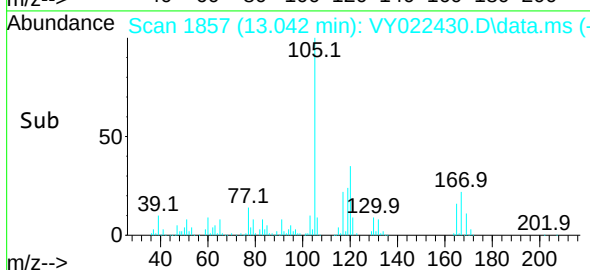
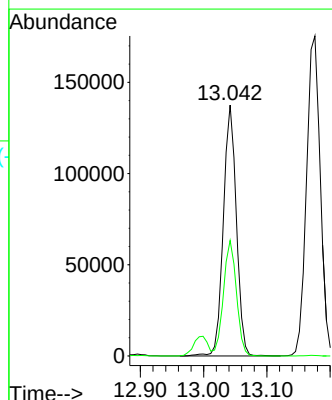
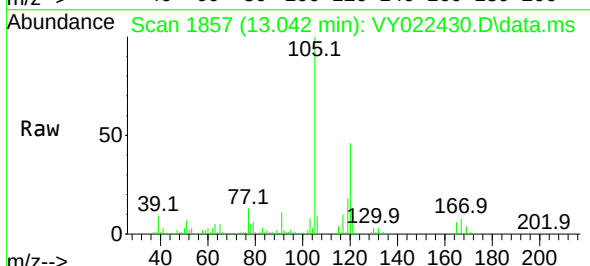
Acq: 27 May 2025 13:35

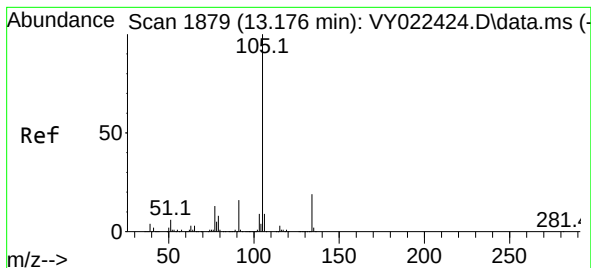
Tgt Ion:105 Resp: 195735

Ion Ratio Lower Upper

105 100

120 46.0 22.9 68.5





#85

sec-Butylbenzene

Concen: 20.608 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

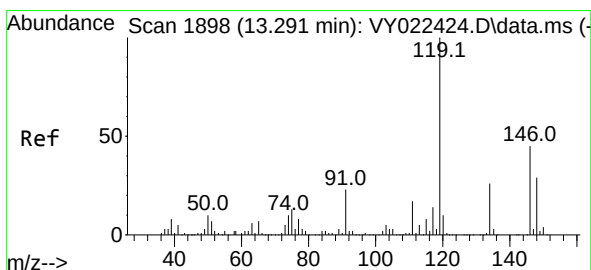
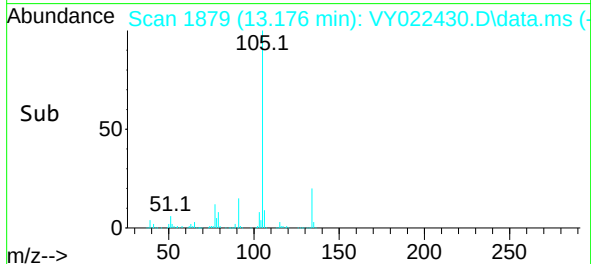
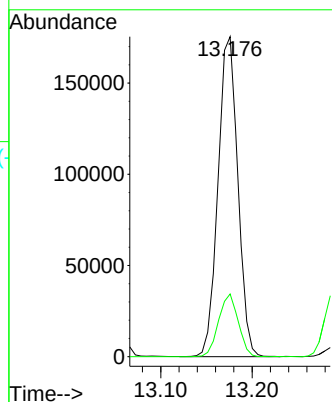
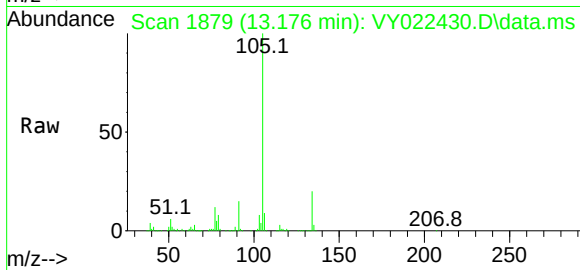
VY0527SBS01

Tgt Ion:105 Resp: 264497

Ion Ratio Lower Upper

105 100

134 19.4 9.7 29.1



#86

p-Isopropyltoluene

Concen: 19.898 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

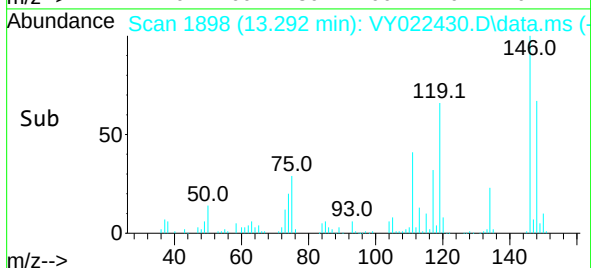
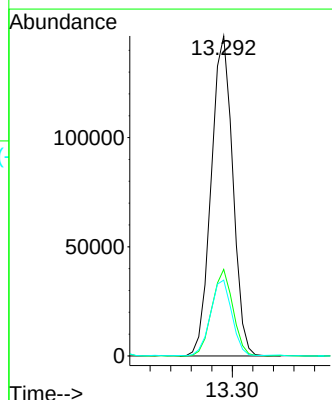
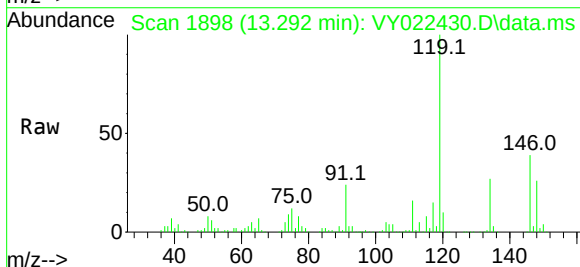
Tgt Ion:119 Resp: 213252

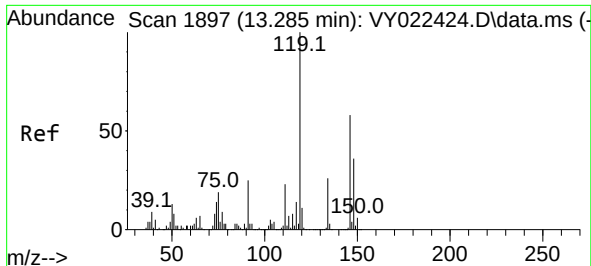
Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 23.3 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 19.743 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

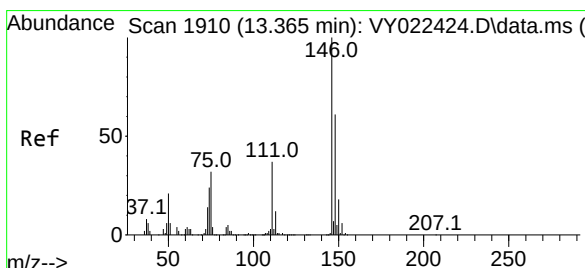
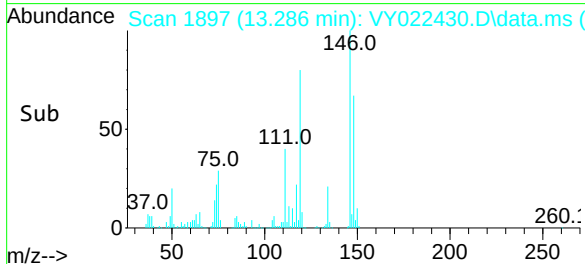
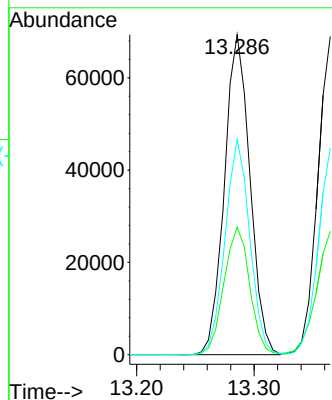
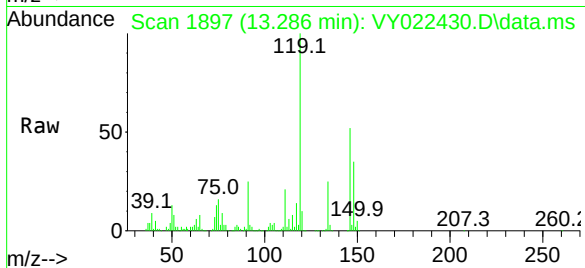
Tgt Ion:146 Resp: 104797

Ion Ratio Lower Upper

146 100

111 40.1 19.6 58.8

148 65.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.501 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

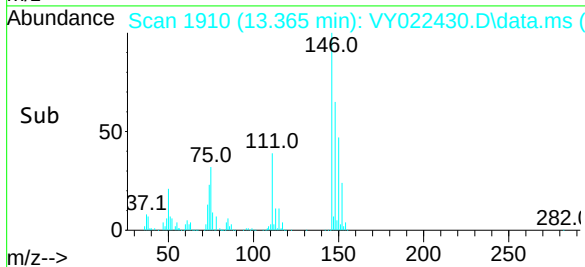
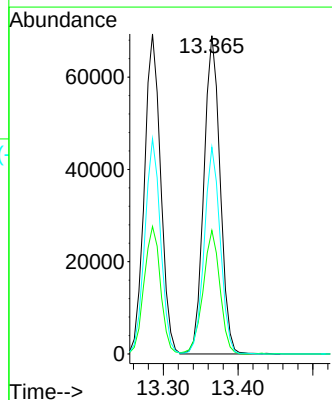
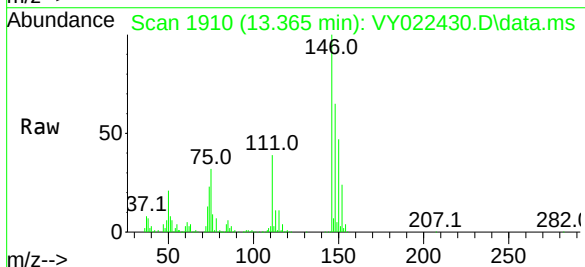
Tgt Ion:146 Resp: 104056

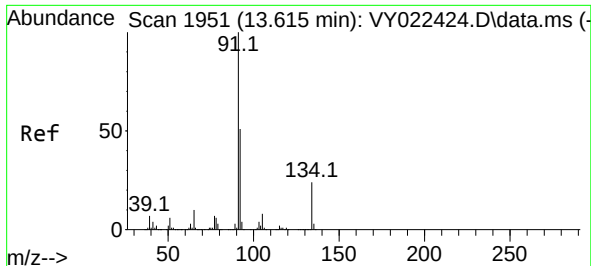
Ion Ratio Lower Upper

146 100

111 40.2 18.7 56.1

148 64.3 31.4 94.3

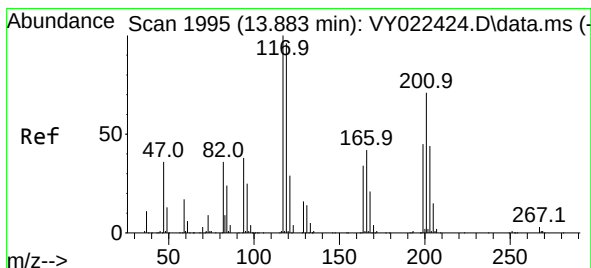
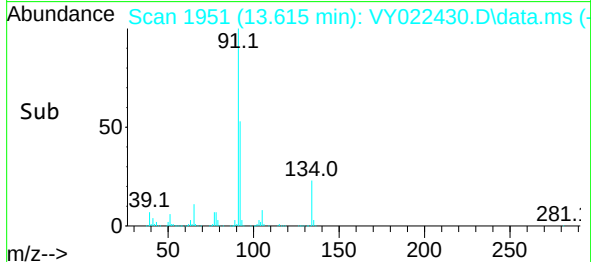
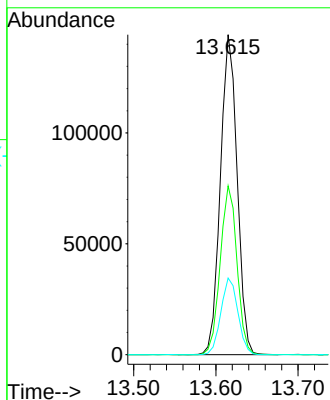
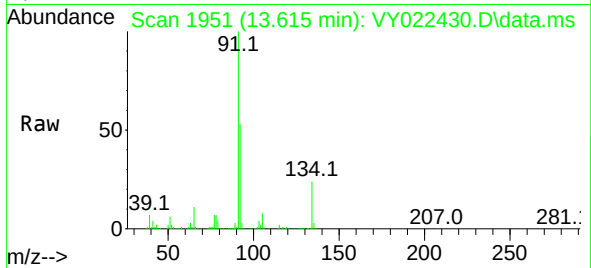




#89
n-Butylbenzene
Concen: 20.376 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

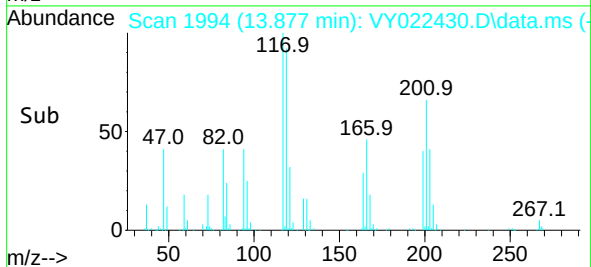
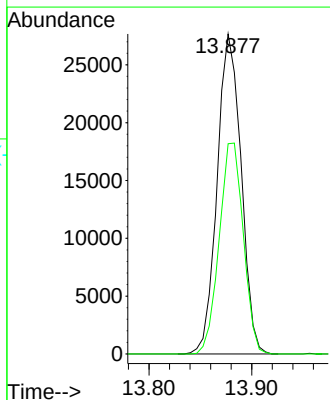
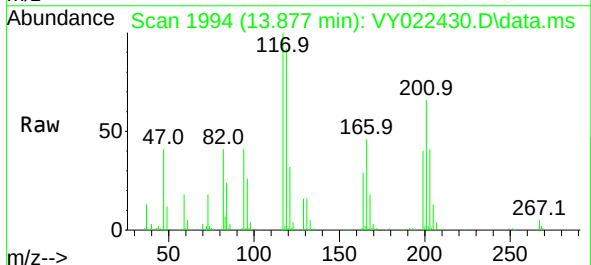
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

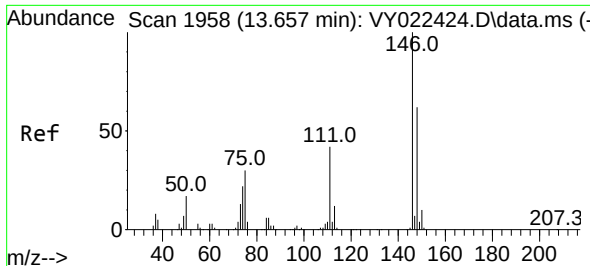
Tgt Ion: 91 Resp: 204753
Ion Ratio Lower Upper
91 100
92 52.8 25.9 77.6
134 24.3 12.4 37.0



#90
Hexachloroethane
Concen: 20.980 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022430.D
Acq: 27 May 2025 13:35

Tgt Ion: 117 Resp: 44745
Ion Ratio Lower Upper
117 100
201 66.5 35.0 105.0

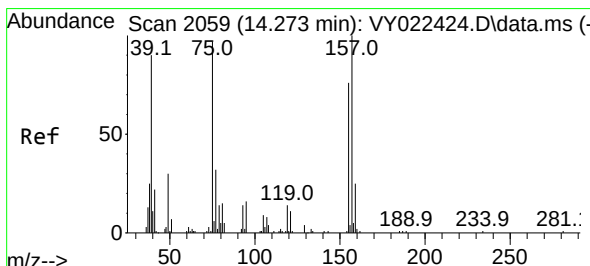
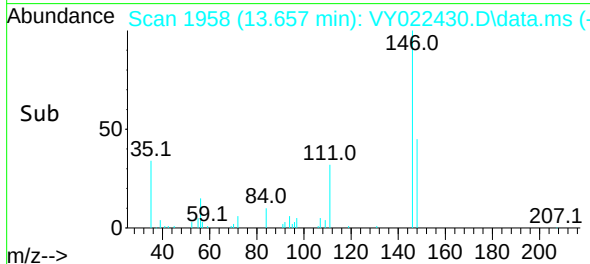
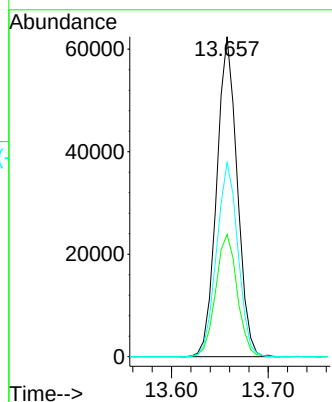
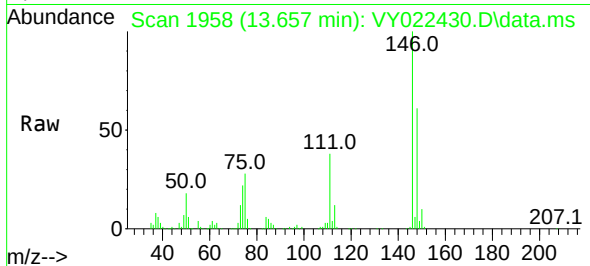




#91
 1,2-Dichlorobenzene
 Concen: 20.746 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY022430.D
 Acq: 27 May 2025 13:35

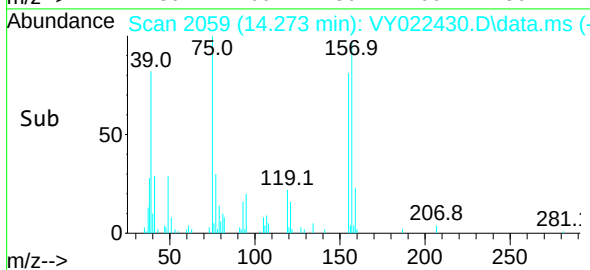
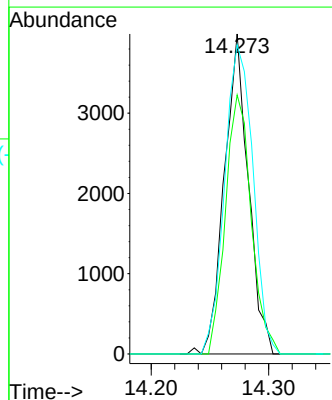
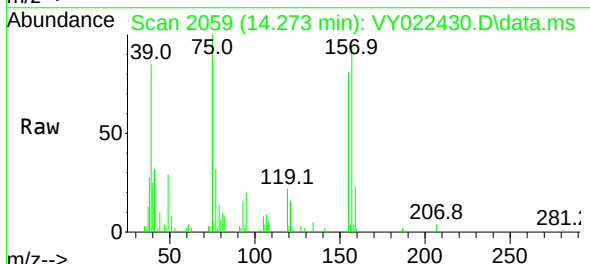
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

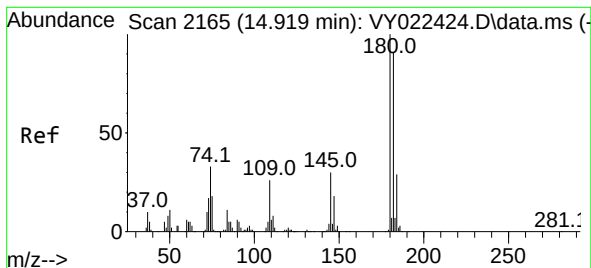
Tgt Ion:146	Resp:	91980
Ion Ratio	Lower	Upper
146	100	
111	40.1	20.5 61.6
148	63.0	31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.964 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY022430.D
 Acq: 27 May 2025 13:35

Tgt Ion: 75	Resp:	5660
Ion Ratio	Lower	Upper
75	100	
155	87.0	42.3 126.8
157	114.0	54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 21.069 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

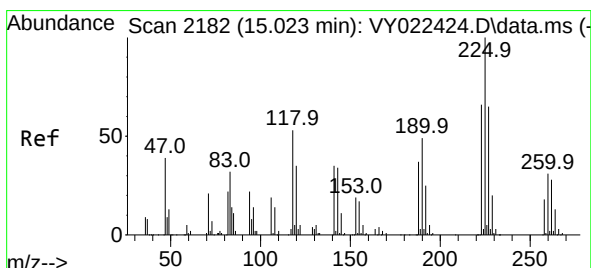
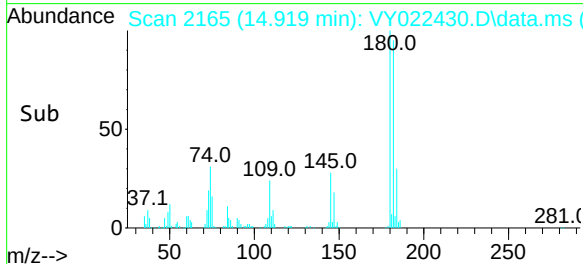
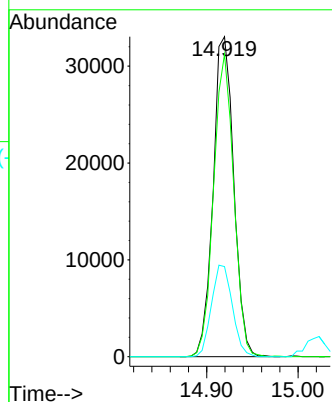
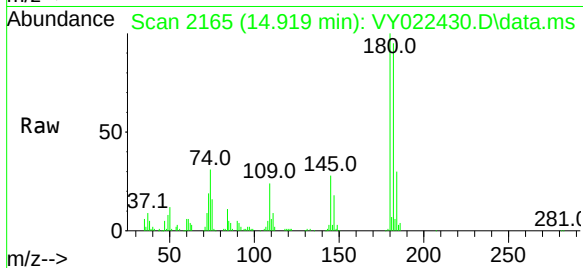
Tgt Ion:180 Resp: 51786

Ion Ratio Lower Upper

180 100

182 92.3 46.2 138.6

145 28.9 14.2 42.8



#94

Hexachlorobutadiene

Concen: 21.690 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

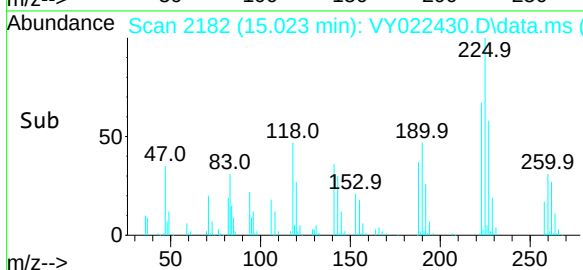
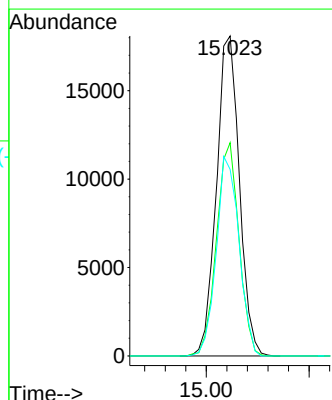
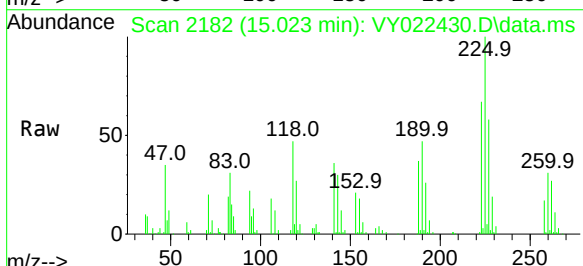
Tgt Ion:225 Resp: 27978

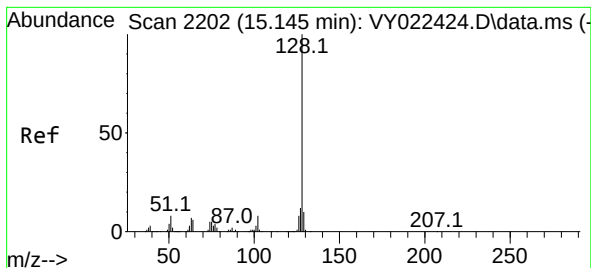
Ion Ratio Lower Upper

225 100

223 65.3 32.6 97.7

227 61.6 33.0 99.0





#95

Naphthalene

Concen: 20.393 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

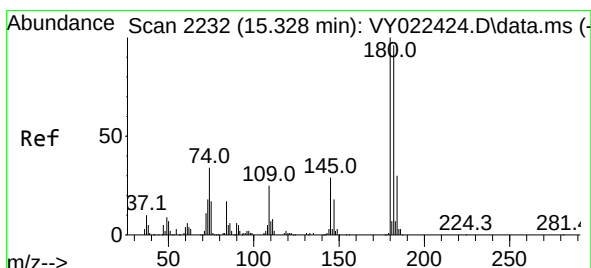
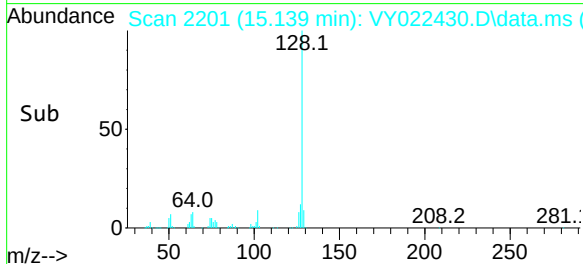
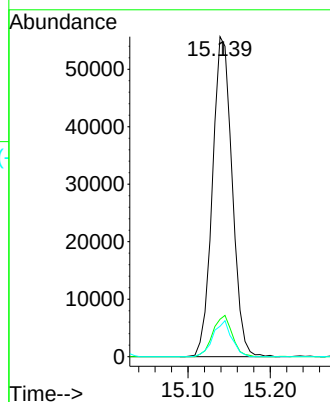
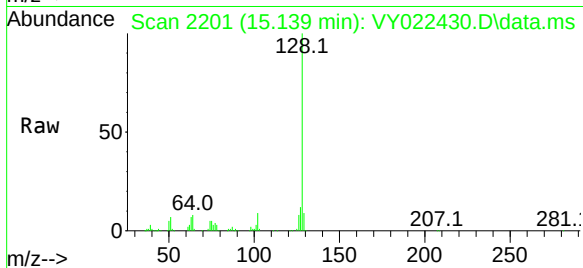
Tgt Ion:128 Resp: 92664

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.7 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 21.382 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022430.D

Acq: 27 May 2025 13:35

Tgt Ion:180 Resp: 43102

Ion Ratio Lower Upper

180 100

182 93.7 48.1 144.3

145 29.8 14.9 44.5

