

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052325\
 Data File : VY022418.D
 Acq On : 23 May 2025 19:57
 Operator : SY/MD
 Sample : VY0523SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS02

Quant Time: May 23 23:25:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	188145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	318316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	266789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	128845	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	95881	46.629	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.260%
35) Dibromofluoromethane	7.646	113	90770	47.776	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.560%
50) Toluene-d8	10.115	98	366782	47.137	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.280%
62) 4-Bromofluorobenzene	12.408	95	110329	44.734	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	40670	20.716	ug/l	98
3) Chloromethane	2.068	50	103352	25.026	ug/l	99
4) Vinyl Chloride	2.208	62	120554	26.128	ug/l	100
5) Bromomethane	2.599	94	148097	39.430	ug/l	100
6) Chloroethane	2.739	64	91541	31.891	ug/l	96
7) Trichlorofluoromethane	3.056	101	115733	24.775	ug/l	98
8) Diethyl Ether	3.458	74	22038	19.658	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.824	101	44847	22.114	ug/l	99
10) Methyl Iodide	4.019	142	45421	19.351	ug/l	97
11) Tert butyl alcohol	4.897	59	13660	86.994	ug/l #	100
12) 1,1-Dichloroethene	3.800	96	42310	21.023	ug/l	94
13) Acrolein	3.665	56	10646	46.377	ug/l	97
14) Allyl chloride	4.397	41	60980	17.281	ug/l	92
15) Acrylonitrile	5.080	53	43301	93.738	ug/l	99
16) Acetone	3.897	43	31651	82.091	ug/l	95
17) Carbon Disulfide	4.110	76	130746	19.923	ug/l	98
18) Methyl Acetate	4.403	43	21974	18.076	ug/l	95
19) Methyl tert-butyl Ether	5.129	73	111039	20.010	ug/l	98
20) Methylene Chloride	4.623	84	48162	19.332	ug/l	94
21) trans-1,2-Dichloroethene	5.122	96	46960	21.140	ug/l	95
22) Diisopropyl ether	6.031	45	137638	18.470	ug/l	98
23) Vinyl Acetate	5.970	43	397302	88.250	ug/l	95
24) 1,1-Dichloroethane	5.921	63	83911	20.155	ug/l	99
25) 2-Butanone	6.903	43	52924	82.062	ug/l	97
26) 2,2-Dichloropropane	6.890	77	70529	19.047	ug/l	98
27) cis-1,2-Dichloroethene	6.903	96	53739	20.964	ug/l	96
28) Bromochloromethane	7.256	49	35843	20.184	ug/l	93
29) Tetrahydrofuran	7.274	42	37346	90.008	ug/l	93
30) Chloroform	7.433	83	83918	21.014	ug/l	99
31) Cyclohexane	7.707	56	81364	19.560	ug/l	97
32) 1,1,1-Trichloroethane	7.628	97	76528	20.888	ug/l	98
36) 1,1-Dichloropropene	7.841	75	63277	20.221	ug/l	99
37) Ethyl Acetate	7.000	43	26853	17.834	ug/l #	96
38) Carbon Tetrachloride	7.829	117	66090	20.403	ug/l	97
39) Methylcyclohexane	9.116	83	85957	20.445	ug/l	96
40) Benzene	8.091	78	189699	20.448	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	15726	15.745	ug/l #	80
42) 1,2-Dichloroethane	8.171	62	50732	20.222	ug/l	98
43) Isopropyl Acetate	8.207	43	55731	16.972	ug/l	97
44) Trichloroethene	8.872	130	47030	20.389	ug/l	87
45) 1,2-Dichloropropane	9.146	63	44227	19.774	ug/l	98
46) Dibromomethane	9.238	93	24472	20.286	ug/l	99
47) Bromodichloromethane	9.433	83	63262	20.215	ug/l	96
48) Methyl methacrylate	9.225	41	24543	15.982	ug/l	90
49) 1,4-Dioxane	9.250	88	5296	388.613	ug/l #	83
51) 4-Methyl-2-Pentanone	10.006	43	135984	84.398	ug/l	95
52) Toluene	10.176	92	117986	20.084	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	55611	18.208	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	67324	19.240	ug/l	93
55) 1,1,2-Trichloroethane	10.579	97	31383	20.316	ug/l	97
56) Ethyl methacrylate	10.445	69	43763	18.187	ug/l	95
57) 1,3-Dichloropropane	10.719	76	55286	20.143	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	93085	86.187	ug/l	96
59) 2-Hexanone	10.768	43	89929	83.244	ug/l	96
60) Dibromochloromethane	10.920	129	38750	19.327	ug/l	100
61) 1,2-Dibromoethane	11.018	107	28149	19.551	ug/l	100
64) Tetrachloroethene	10.652	164	51610	20.929	ug/l	97
65) Chlorobenzene	11.451	112	123988	20.599	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	40274	19.463	ug/l	97
67) Ethyl Benzene	11.524	91	220886	19.595	ug/l	99
68) m/p-Xylenes	11.633	106	168885	39.760	ug/l	95
69) o-Xylene	11.957	106	80449	20.018	ug/l	94
70) Styrene	11.975	104	132208	19.502	ug/l	97
71) Bromoform	12.139	173	21258	19.033	ug/l #	99
73) Isopropylbenzene	12.261	105	207642	19.453	ug/l	99
74) N-amyl acetate	12.079	43	48171	15.779	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	30722	18.715	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	44556	34.134	ug/l #	100
77) Bromobenzene	12.536	156	44435	19.491	ug/l	95
78) n-propylbenzene	12.597	91	248465	19.298	ug/l	100
79) 2-Chlorotoluene	12.682	91	133986	18.937	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	162475	18.856	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.310	75	11173	17.339	ug/l	94
82) 4-Chlorotoluene	12.780	91	136735	18.789	ug/l	97
83) tert-Butylbenzene	12.999	119	151311	19.757	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	161528	18.884	ug/l	96
85) sec-Butylbenzene	13.182	105	225056	19.796	ug/l	100
86) p-Isopropyltoluene	13.298	119	181689	19.002	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	89165	19.159	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	84865	18.957	ug/l	99
89) n-Butylbenzene	13.621	91	173834	19.218	ug/l	99
90) Hexachloroethane	13.883	117	35991	18.647	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	76275	19.511	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4347	16.422	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	40823	18.078	ug/l	96
94) Hexachlorobutadiene	15.029	225	24282	19.282	ug/l	98
95) Naphthalene	15.151	128	77489	18.083	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	34606	18.065	ug/l	98

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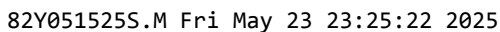
Instrument :
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ClientSampleId :
VY0523SBS02

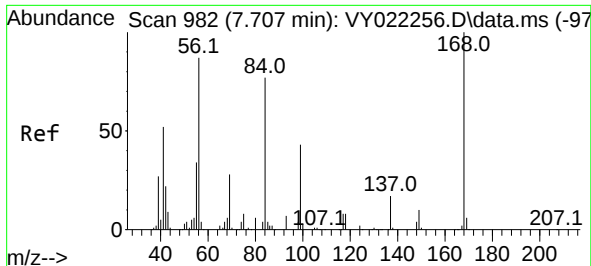
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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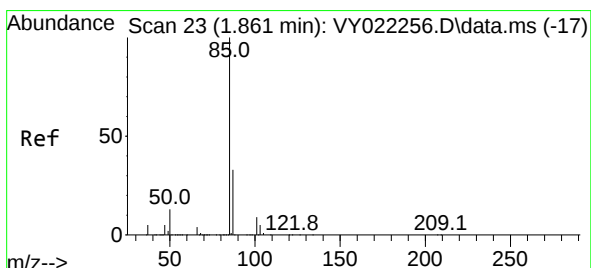
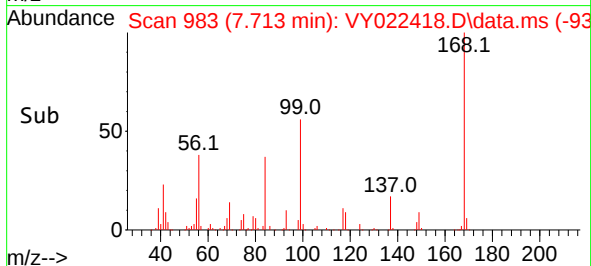
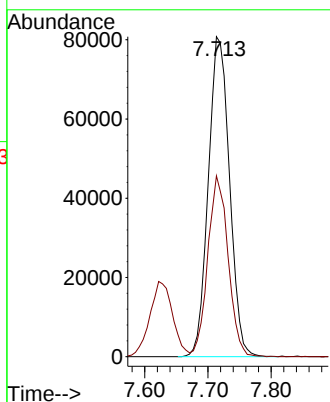
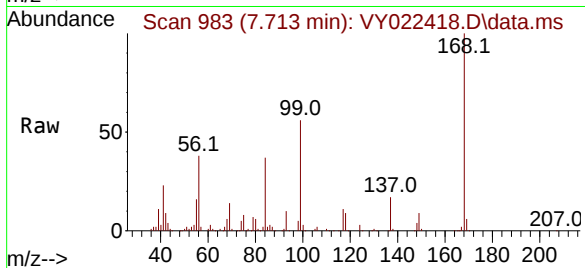




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
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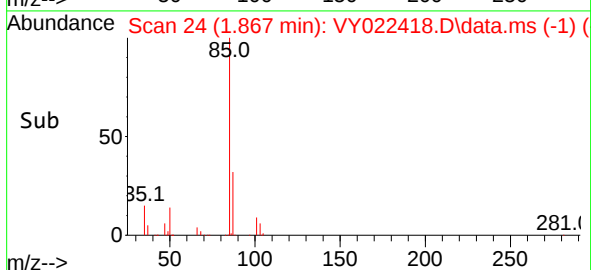
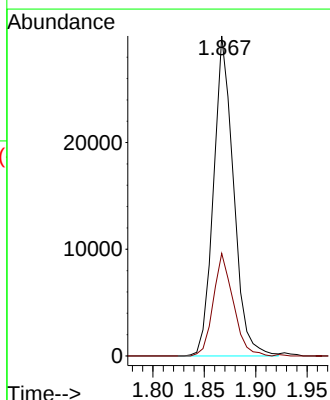
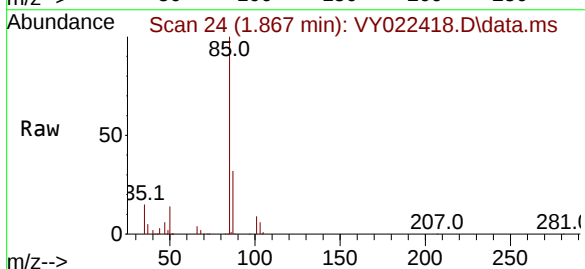
Instrument :
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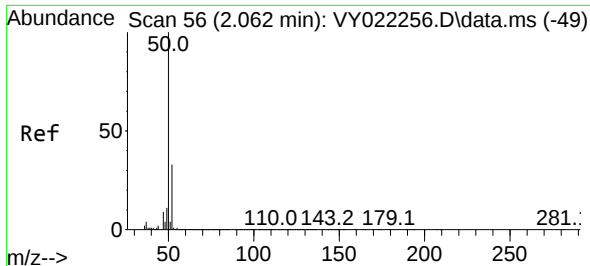
Tgt Ion:168 Resp: 188145
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 20.716 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion: 85 Resp: 40670
Ion Ratio Lower Upper
85 100
87 32.0 16.5 49.5

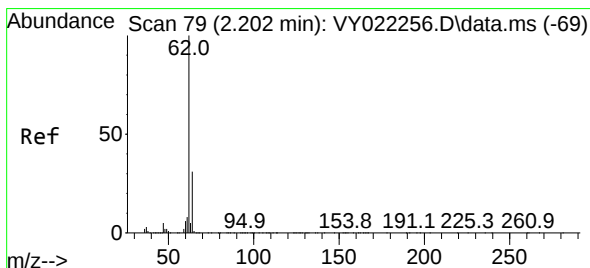
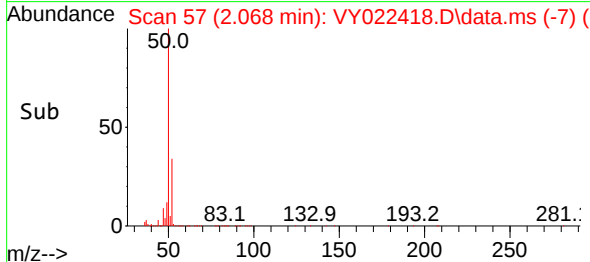
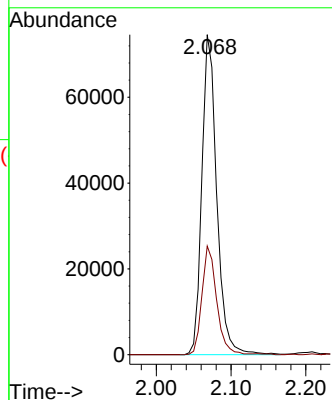
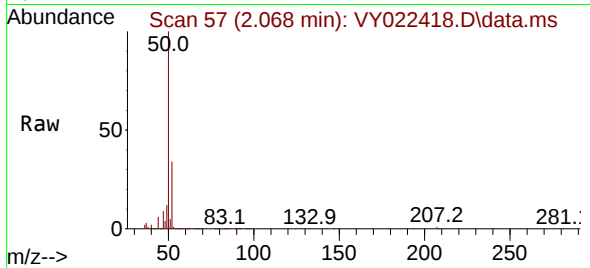




#3
Chloromethane
Concen: 25.026 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

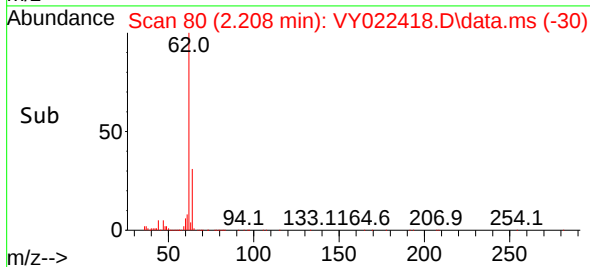
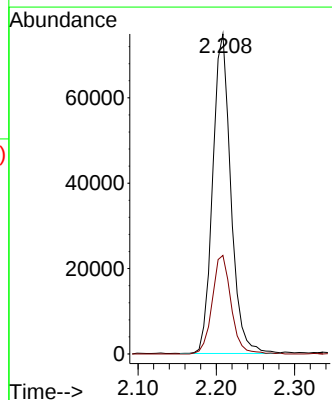
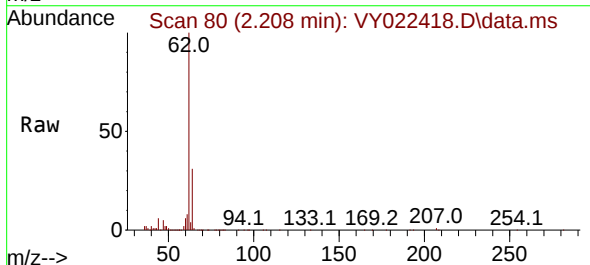
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Tgt Ion: 50 Resp: 103352
Ion Ratio Lower Upper
50 100
52 33.9 26.5 39.7



#4
Vinyl Chloride
Concen: 26.128 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022418.D
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Tgt Ion: 62 Resp: 120554
Ion Ratio Lower Upper
62 100
64 30.8 24.5 36.7

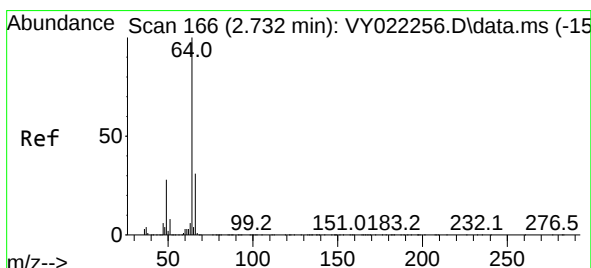
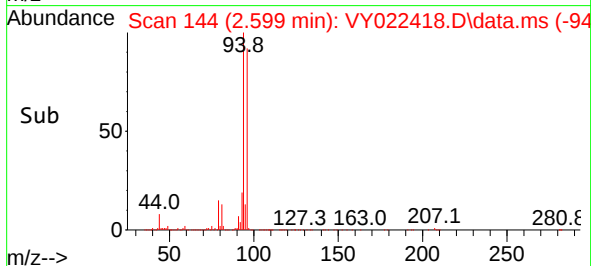
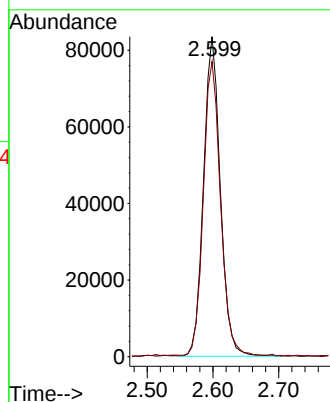
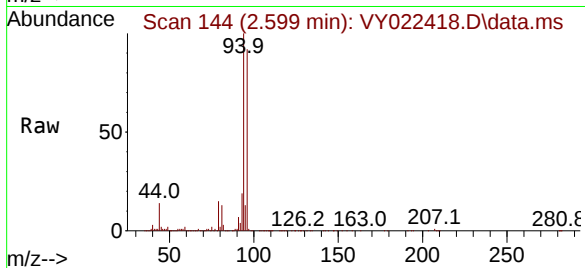




#5
Bromomethane
Concen: 39.430 ug/l
RT: 2.599 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

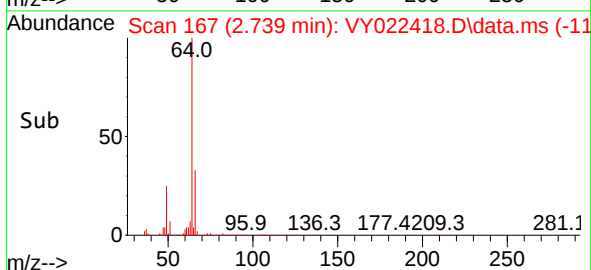
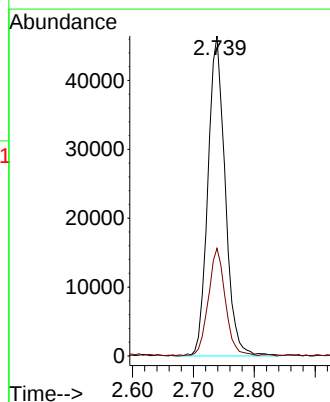
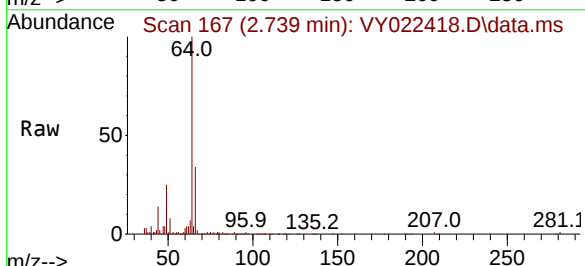
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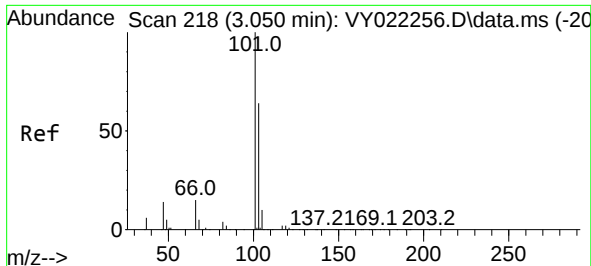
Tgt Ion: 94 Resp: 148097
Ion Ratio Lower Upper
94 100
96 91.9 73.4 110.0



#6
Chloroethane
Concen: 31.891 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion: 64 Resp: 91541
Ion Ratio Lower Upper
64 100
66 33.4 24.8 37.2

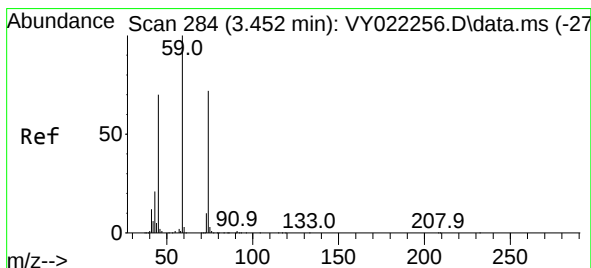
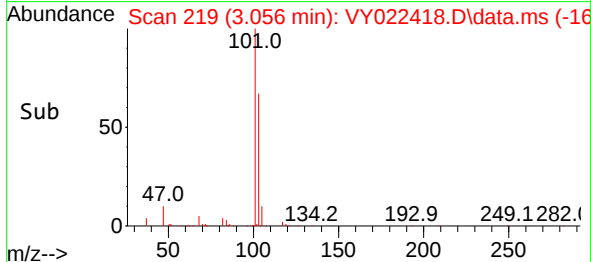
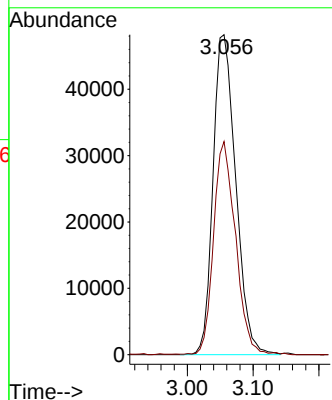
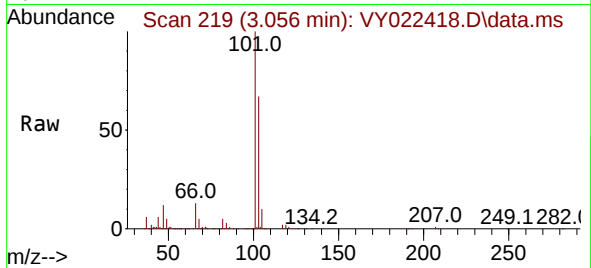




#7
Trichlorofluoromethane
Concen: 24.775 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022418.D
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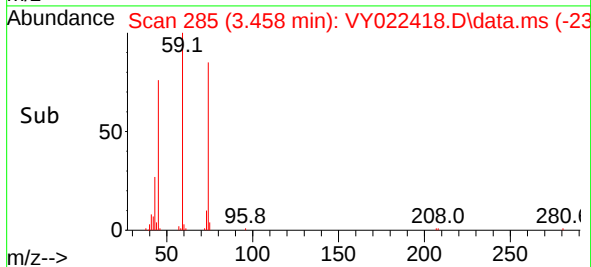
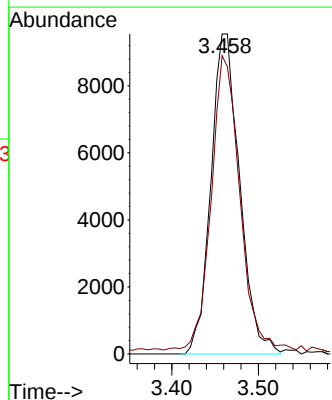
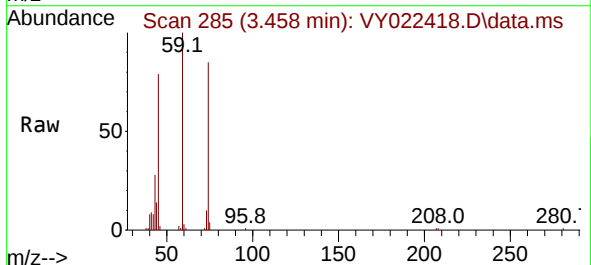
Instrument :
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Tgt Ion:101 Resp: 115733
Ion Ratio Lower Upper
101 100
103 66.5 51.7 77.5



#8
Diethyl Ether
Concen: 19.658 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion: 74 Resp: 22038
Ion Ratio Lower Upper
74 100
45 90.8 48.6 145.8

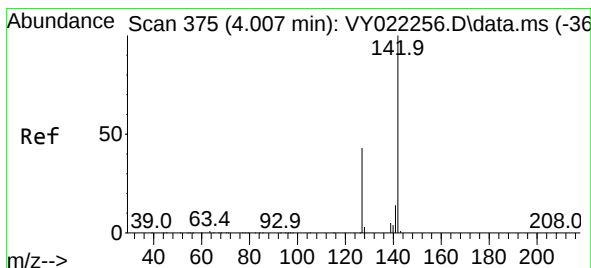
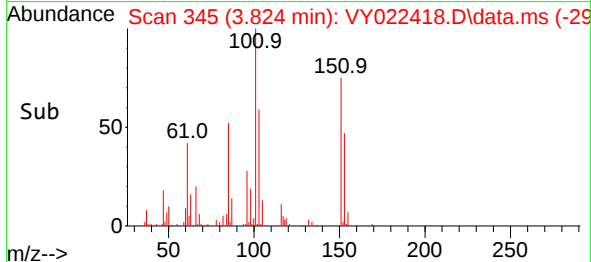
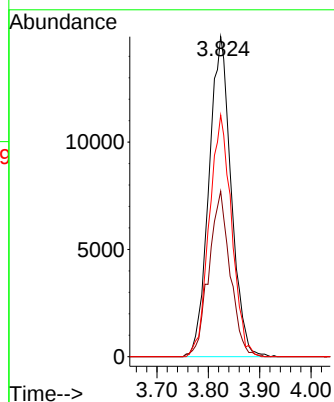
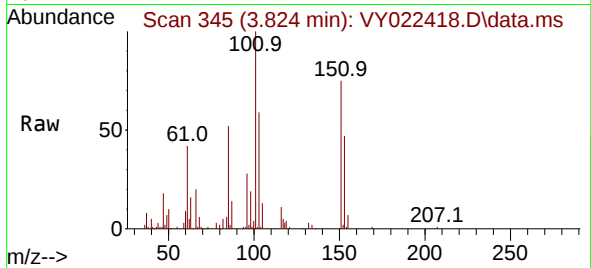




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.114 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
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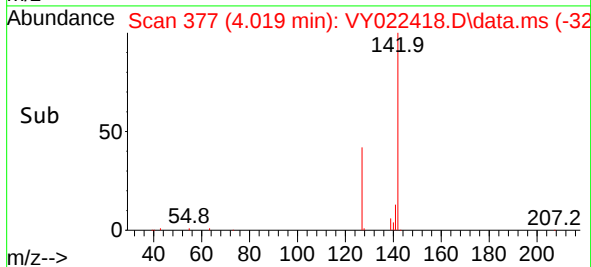
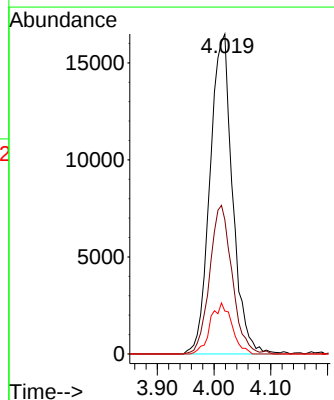
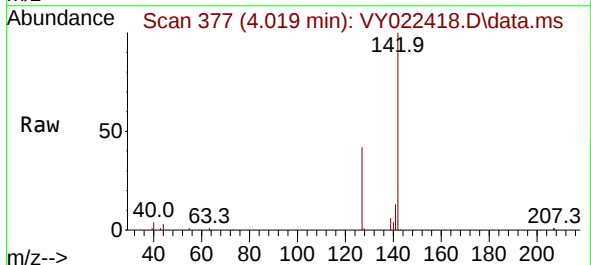
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

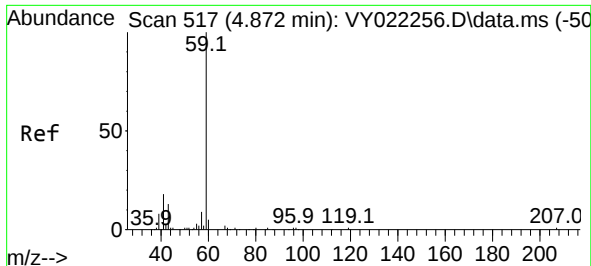
Tgt Ion:101 Resp: 44847
Ion Ratio Lower Upper
101 100
85 49.4 38.6 58.0
151 75.7 59.7 89.5



#10
Methyl Iodide
Concen: 19.351 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion:142 Resp: 45421
Ion Ratio Lower Upper
142 100
127 46.4 35.7 53.5
141 15.3 11.1 16.7

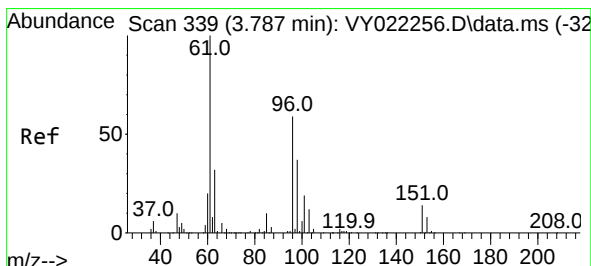
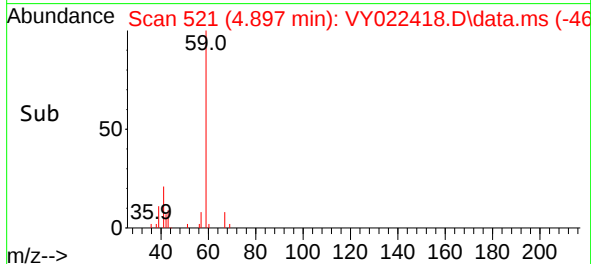
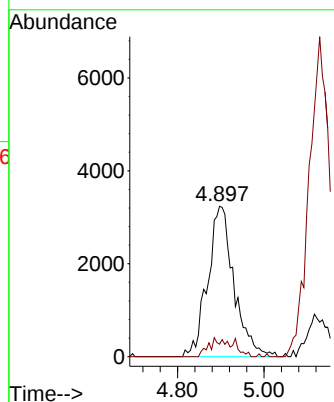
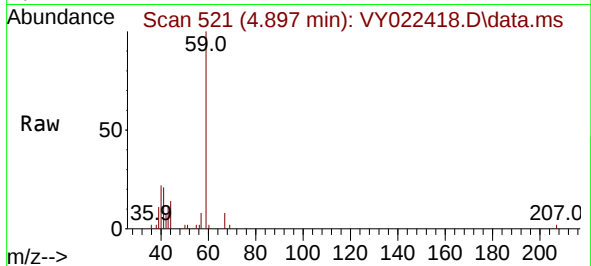




#11
Tert butyl alcohol
Concen: 86.994 ug/l
RT: 4.897 min Scan# 517
Delta R.T. 0.025 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

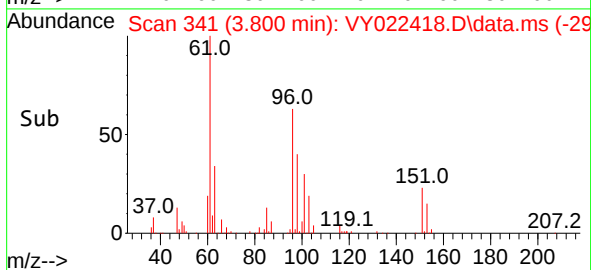
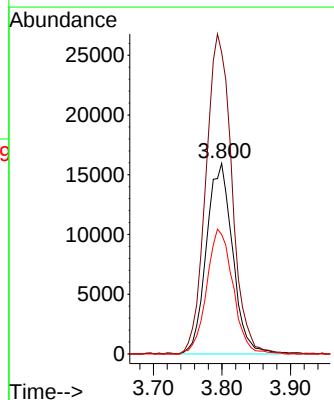
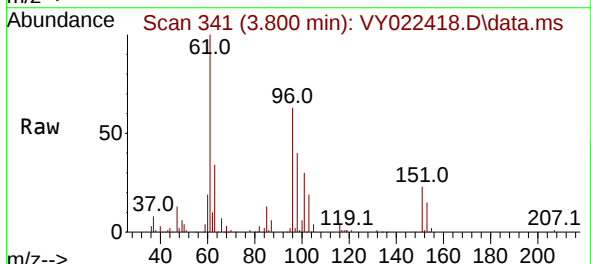
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

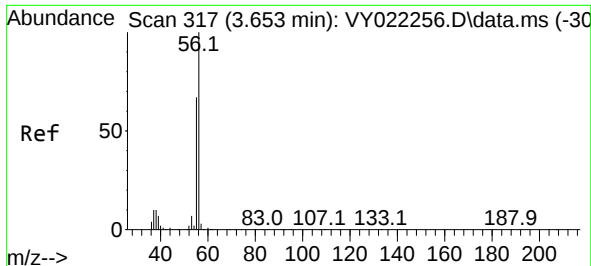
Tgt Ion: 59 Resp: 13660
Ion Ratio Lower Upper
59 100
57 5.0 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 21.023 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion: 96 Resp: 42310
Ion Ratio Lower Upper
96 100
61 157.9 134.9 202.3
98 62.7 49.9 74.9

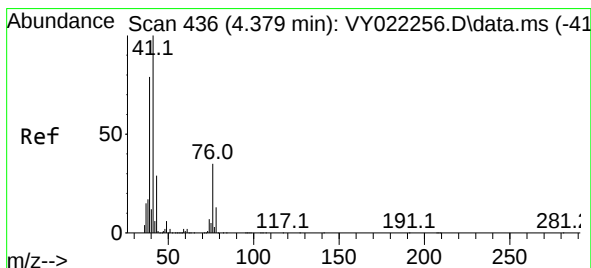
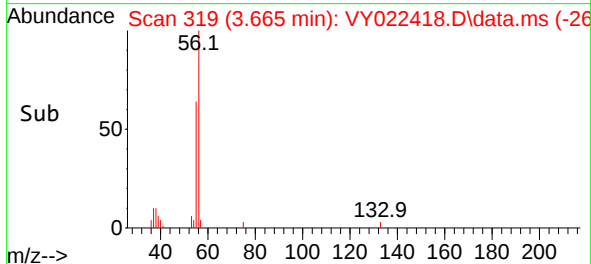
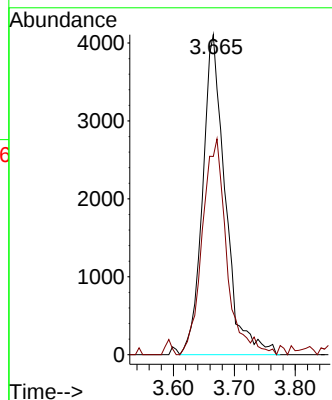
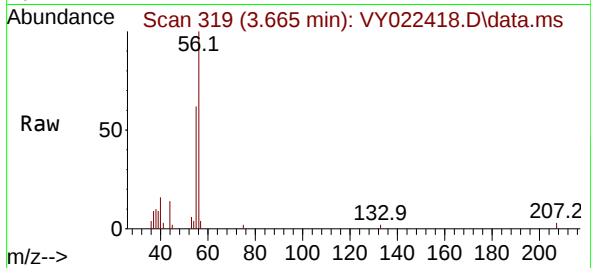




#13
Acrolein
Concen: 46.377 ug/l
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

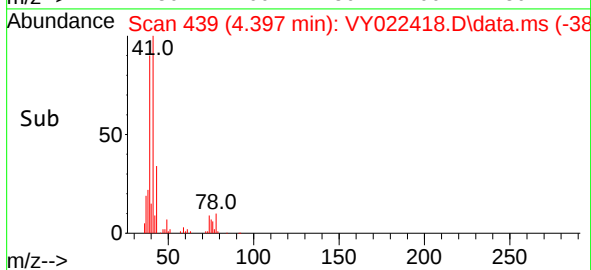
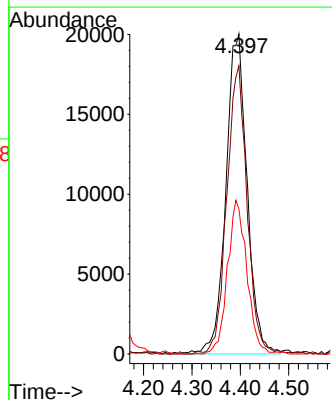
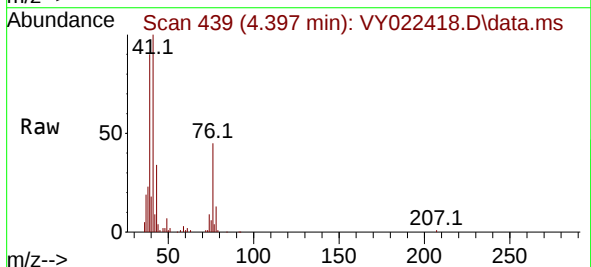
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

Tgt Ion: 56 Resp: 10646
Ion Ratio Lower Upper
56 100
55 72.2 55.6 83.4



#14
Allyl chloride
Concen: 17.281 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion: 41 Resp: 60980
Ion Ratio Lower Upper
41 100
39 85.0 63.4 95.0
76 43.9 29.5 44.3

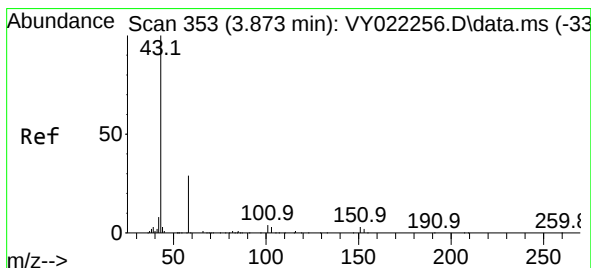
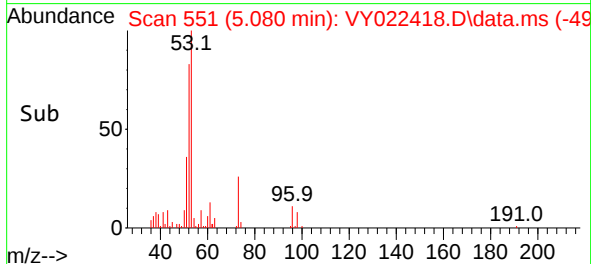
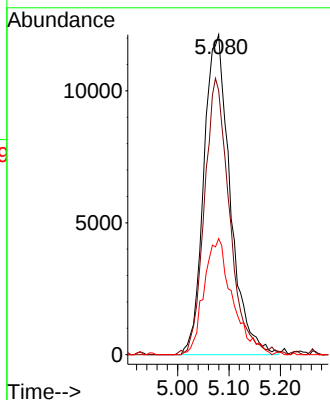
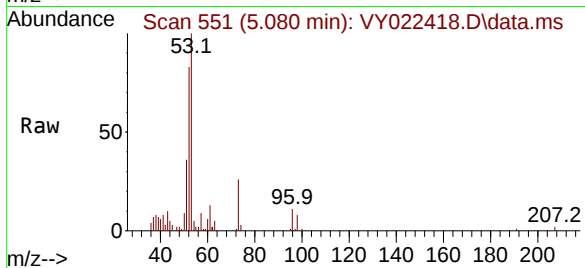




#15
Acrylonitrile
Concen: 93.738 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

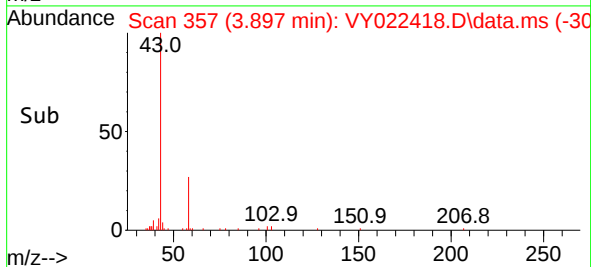
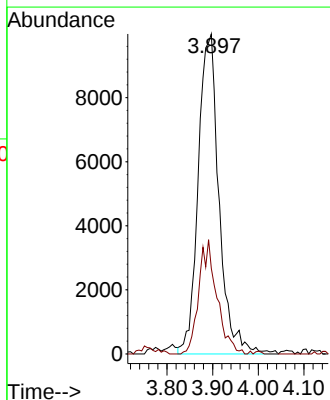
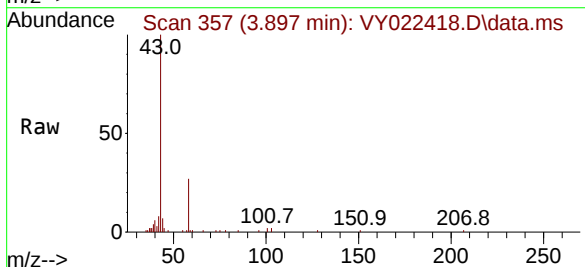
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

Tgt Ion: 53 Resp: 43301
Ion Ratio Lower Upper
53 100
52 81.9 66.1 99.1
51 39.2 30.0 45.0



#16
Acetone
Concen: 82.091 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.025 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion: 43 Resp: 31651
Ion Ratio Lower Upper
43 100
58 26.7 23.6 35.4

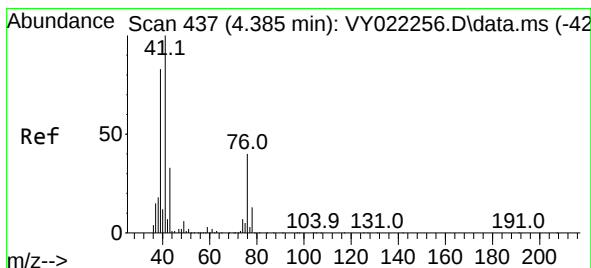
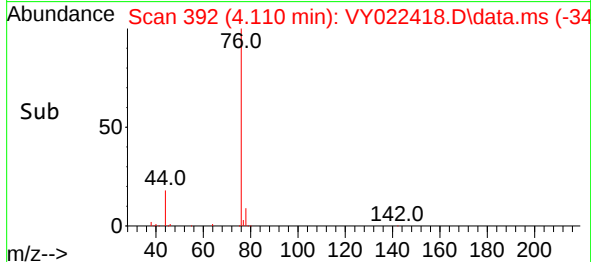
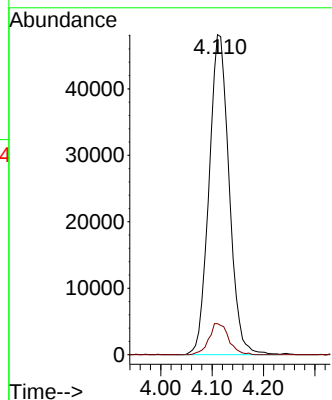
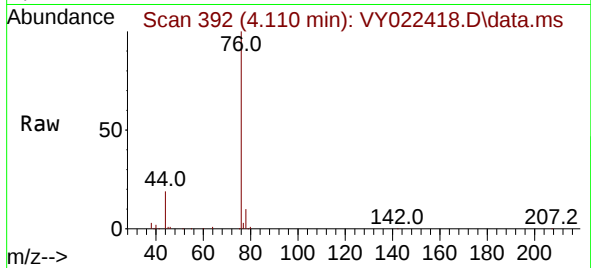




#17
Carbon Disulfide
Concen: 19.923 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

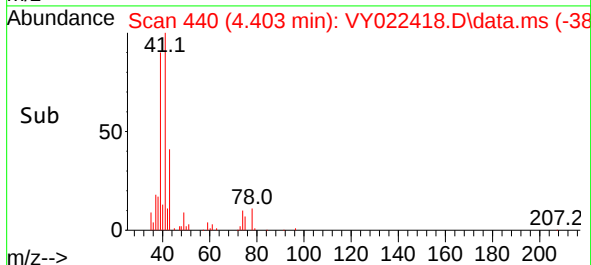
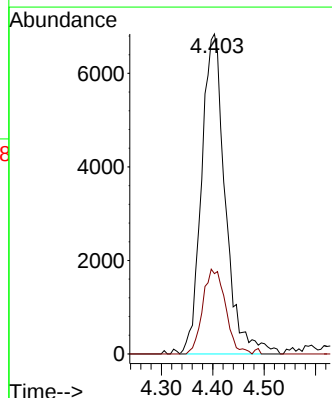
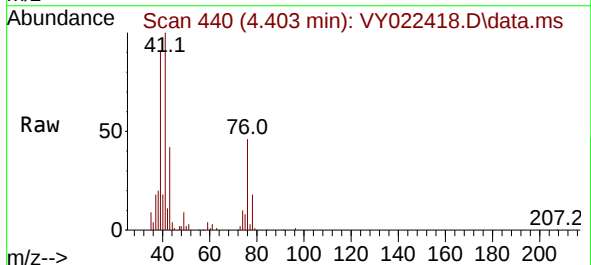
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

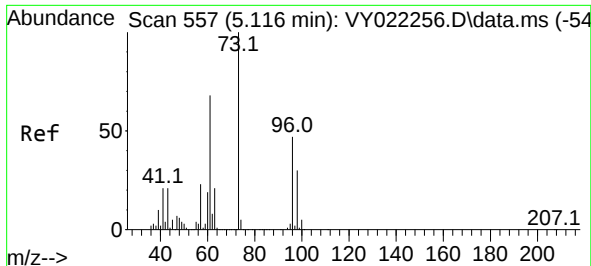
Tgt Ion: 76 Resp: 130746
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



#18
Methyl Acetate
Concen: 18.076 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.018 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion: 43 Resp: 21974
Ion Ratio Lower Upper
43 100
74 25.3 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 20.010 ug/l

RT: 5.129 min Scan# 511

Delta R.T. 0.012 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

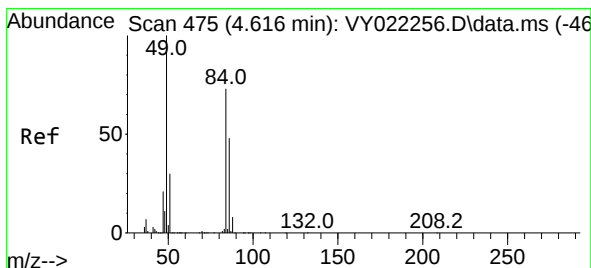
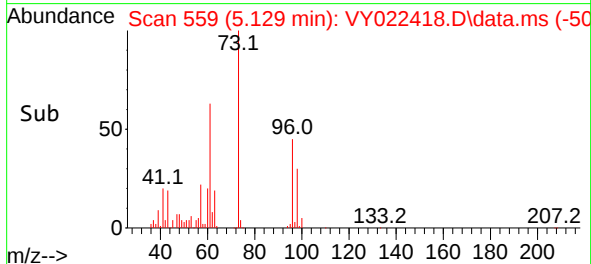
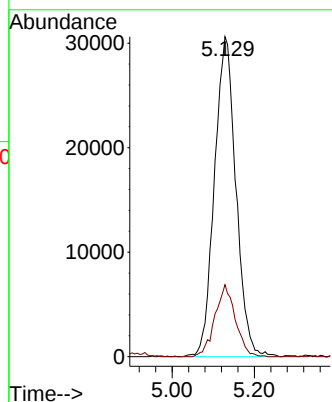
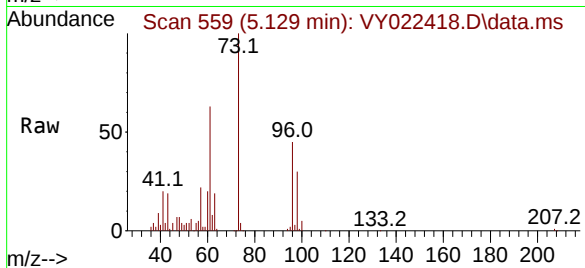
VY0523SBS02

Tgt Ion: 73 Resp: 111039

Ion Ratio Lower Upper

73 100

57 22.5 18.6 28.0



#20

Methylene Chloride

Concen: 19.332 ug/l

RT: 4.623 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Tgt Ion: 84 Resp: 48162

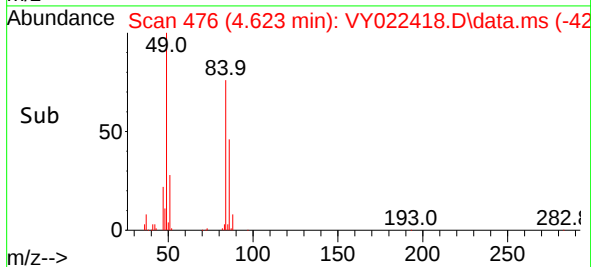
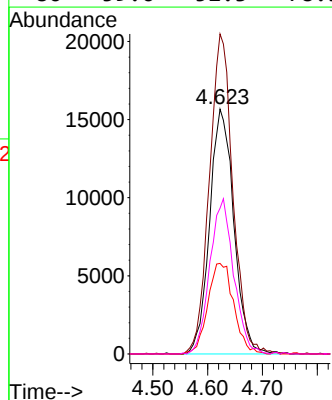
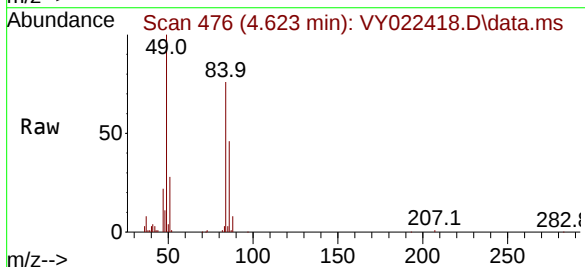
Ion Ratio Lower Upper

84 100

49 130.7 109.6 164.4

51 37.0 32.4 48.6

86 59.6 52.3 78.5

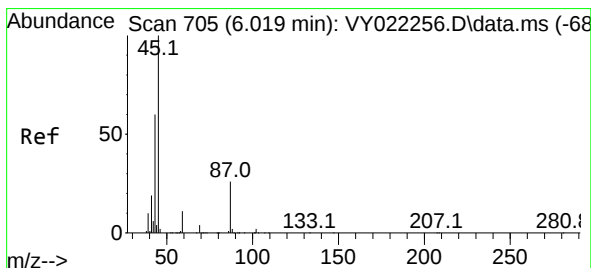
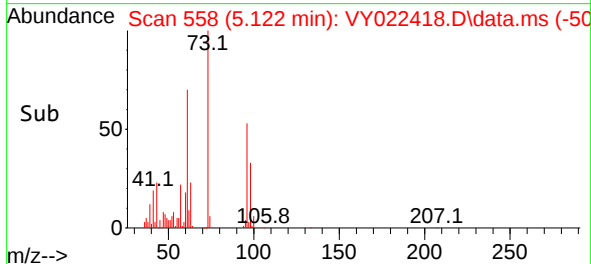
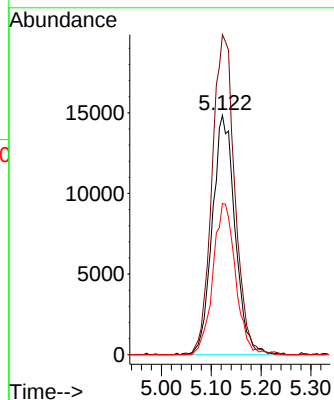
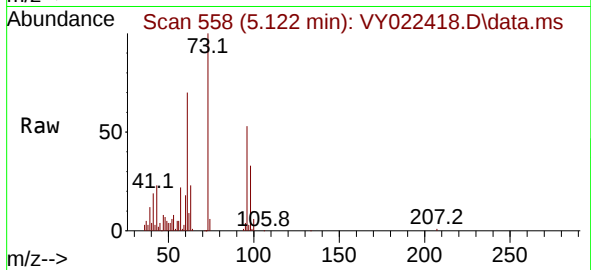




#21
trans-1,2-Dichloroethene
Concen: 21.140 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

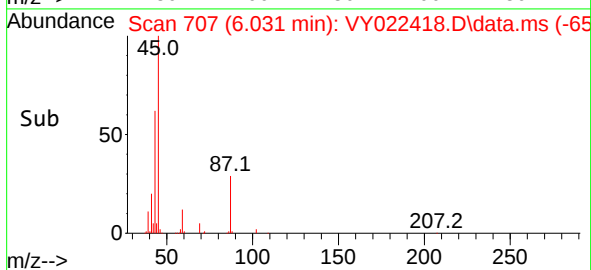
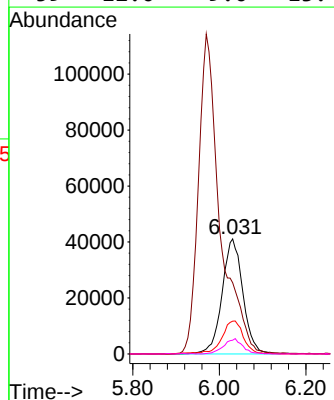
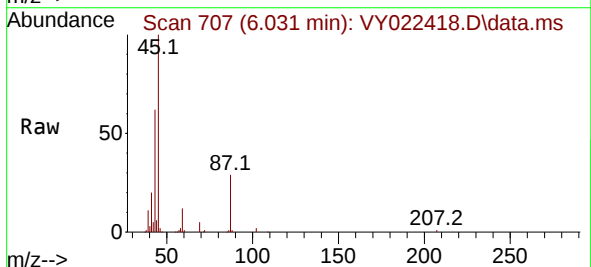
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

Tgt Ion: 96 Resp: 46960
Ion Ratio Lower Upper
96 100
61 133.7 113.4 170.0
98 63.1 50.9 76.3



#22
Diisopropyl ether
Concen: 18.470 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion: 45 Resp: 137638
Ion Ratio Lower Upper
45 100
43 61.2 48.2 72.2
87 28.5 21.4 32.0
59 12.0 9.0 13.4

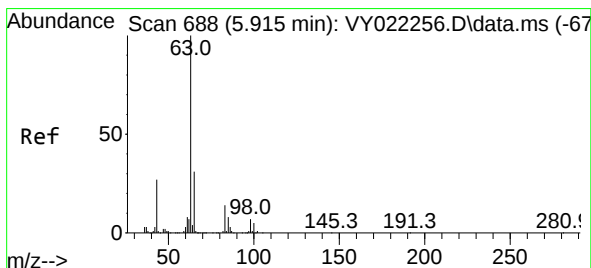
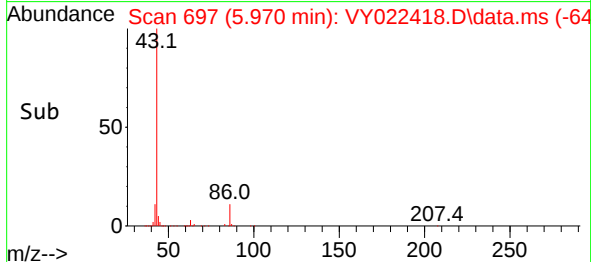
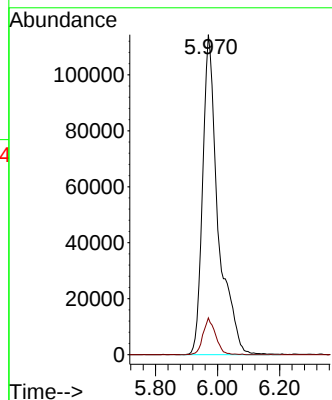
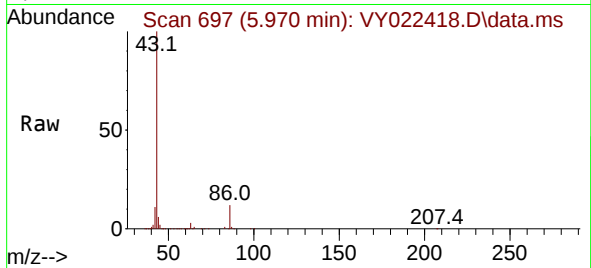




#23
 Vinyl Acetate
 Concen: 88.250 ug/l
 RT: 5.970 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY022418.D
 Acq: 23 May 2025 19:57

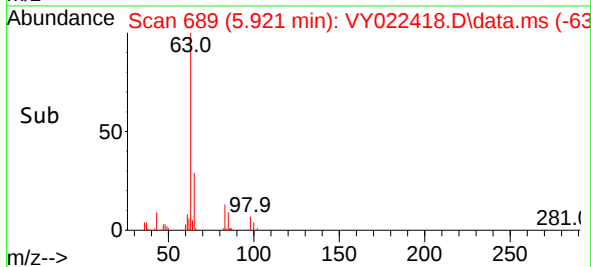
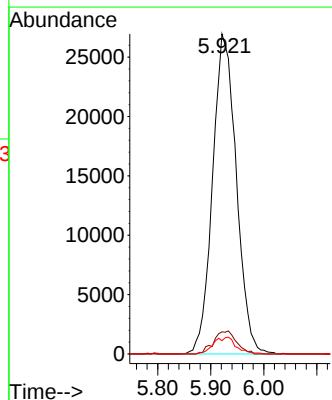
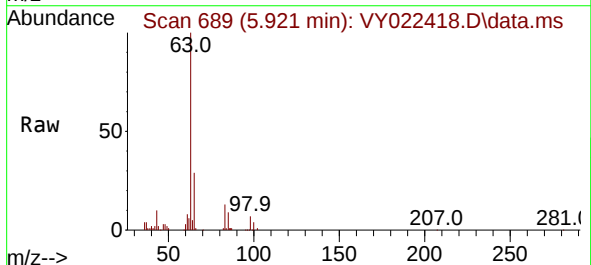
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS02

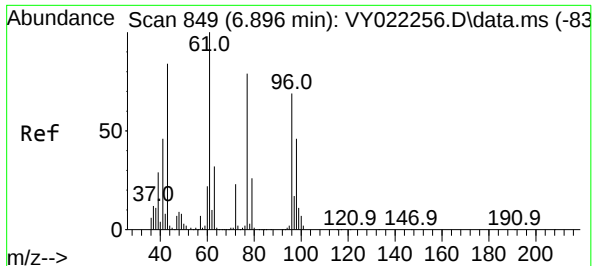
Tgt Ion: 43 Resp: 397302
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.155 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY022418.D
 Acq: 23 May 2025 19:57

Tgt Ion: 63 Resp: 83911
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 82.062 ug/l

RT: 6.903 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

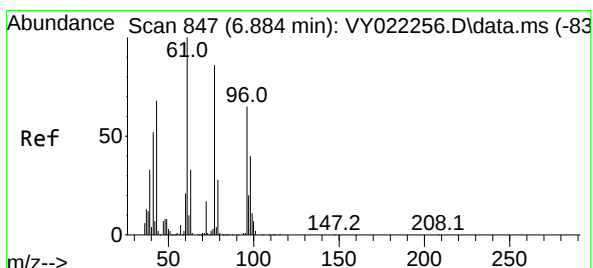
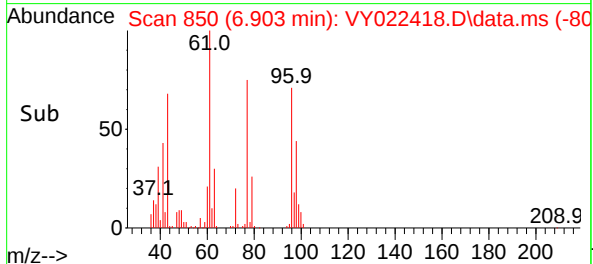
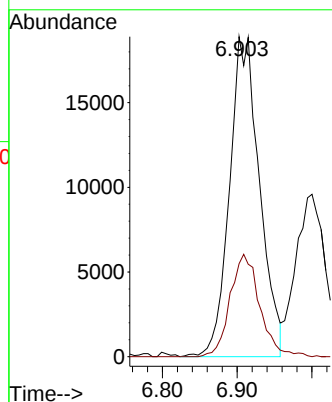
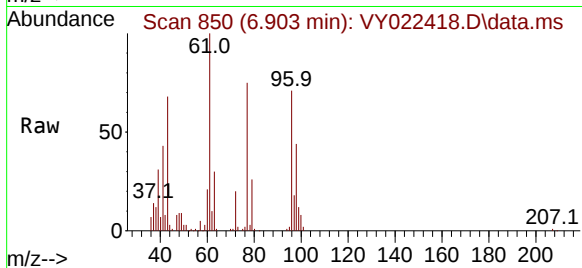
VY0523SBS02

Tgt Ion: 43 Resp: 52924

Ion Ratio Lower Upper

43 100

72 29.0 22.1 33.1



#26

2,2-Dichloropropane

Concen: 19.047 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY022418.D

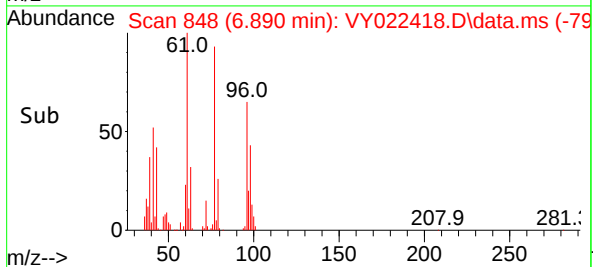
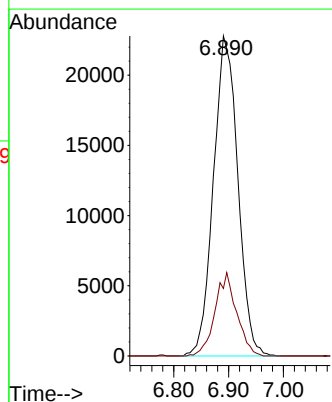
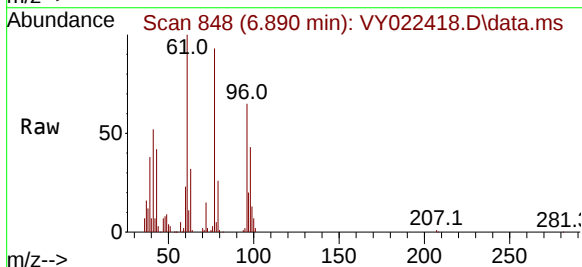
Acq: 23 May 2025 19:57

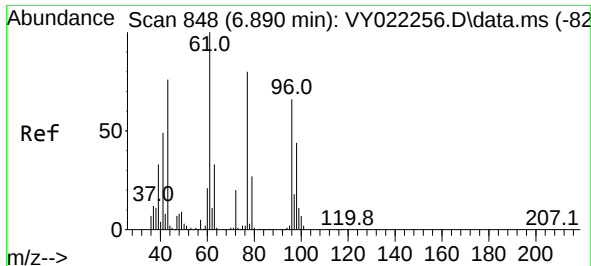
Tgt Ion: 77 Resp: 70529

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.5

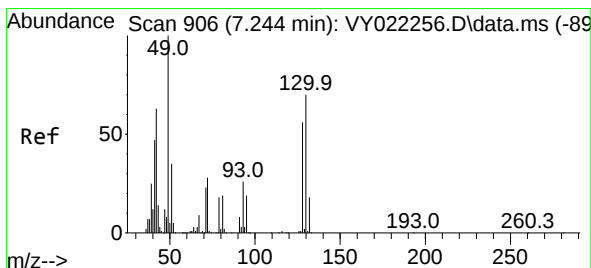
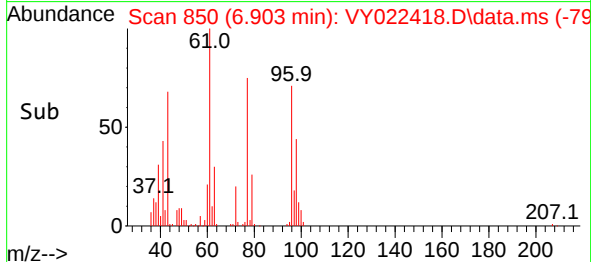
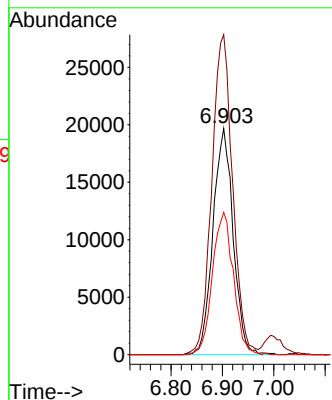
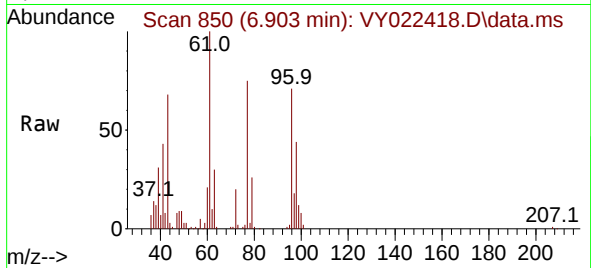




#27
 cis-1,2-Dichloroethene
 Concen: 20.964 ug/l
 RT: 6.903 min Scan# 848
 Delta R.T. 0.012 min
 Lab File: VY022418.D
 Acq: 23 May 2025 19:57

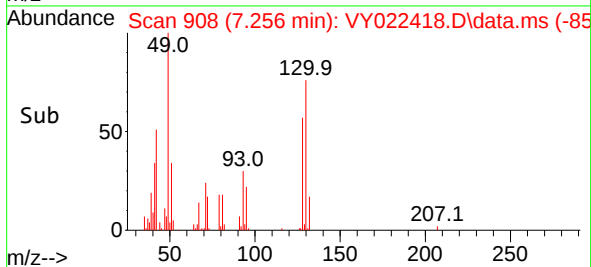
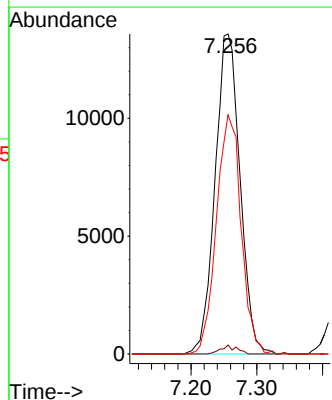
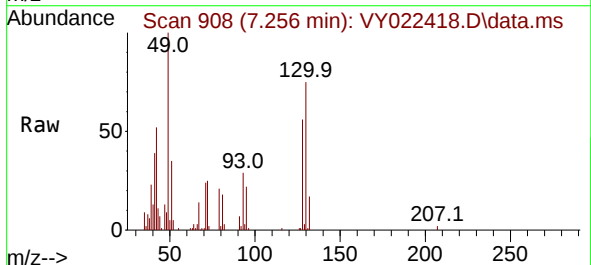
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS02

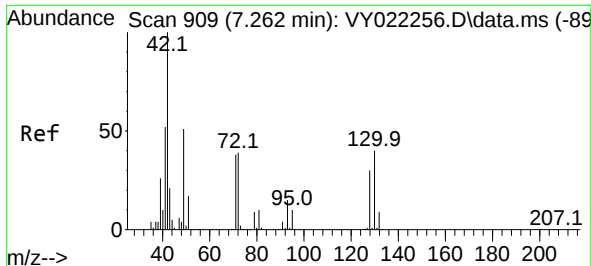
Tgt Ion: 96 Resp: 53739
 Ion Ratio Lower Upper
 96 100
 61 145.3 0.0 302.6
 98 65.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 20.184 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY022418.D
 Acq: 23 May 2025 19:57

Tgt Ion: 49 Resp: 35843
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 73.9 54.7 82.1





#29

Tetrahydrofuran

Concen: 90.008 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

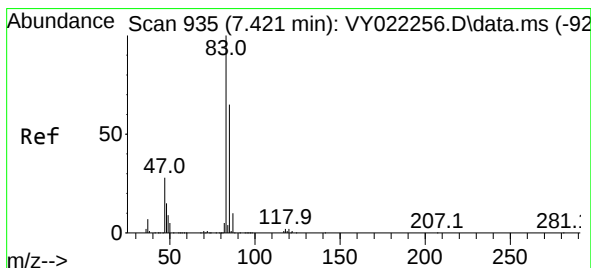
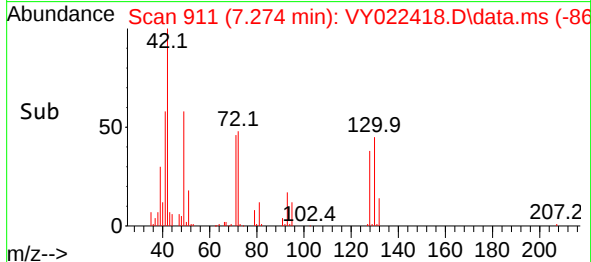
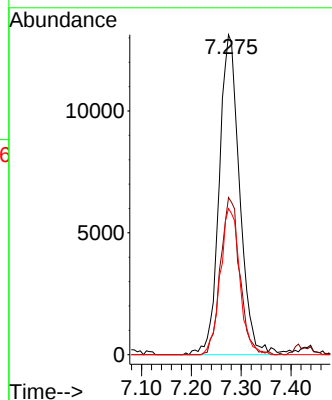
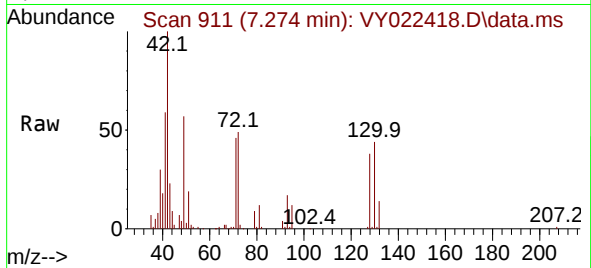
Tgt Ion: 42 Resp: 37346

Ion Ratio Lower Upper

42 100

72 46.3 33.8 50.6

71 43.6 31.5 47.3



#30

Chloroform

Concen: 21.014 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY022418.D

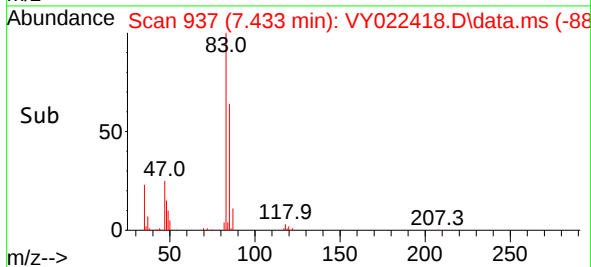
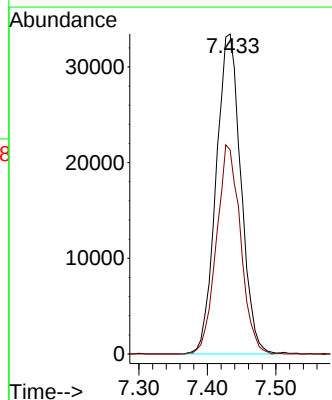
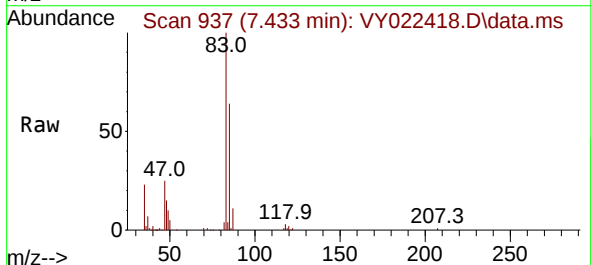
Acq: 23 May 2025 19:57

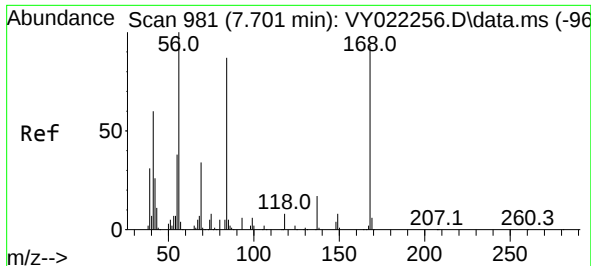
Tgt Ion: 83 Resp: 83918

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.8

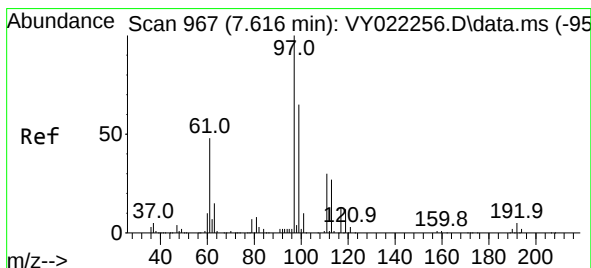
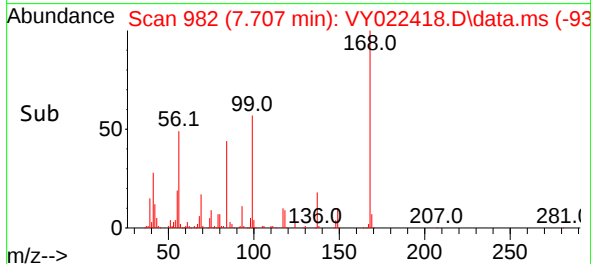
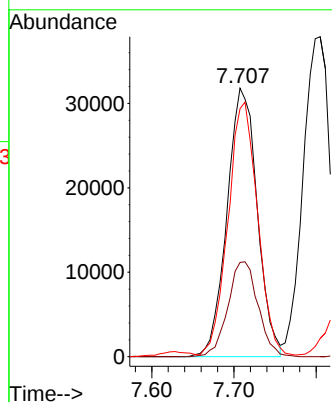
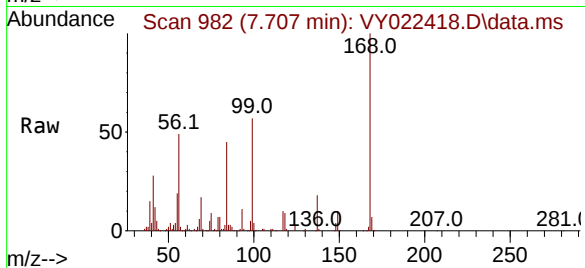




#31
Cyclohexane
Concen: 19.560 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

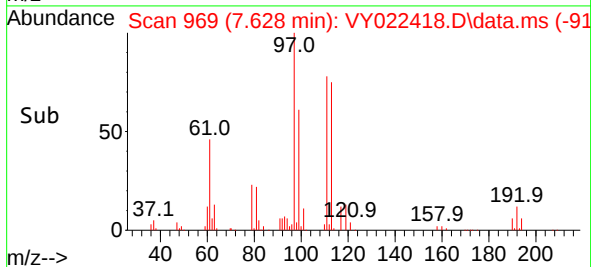
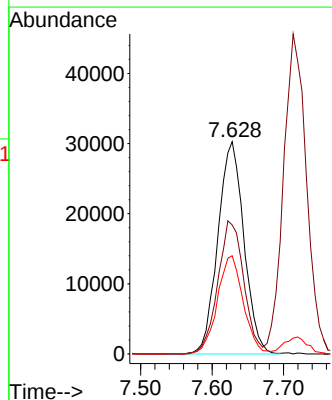
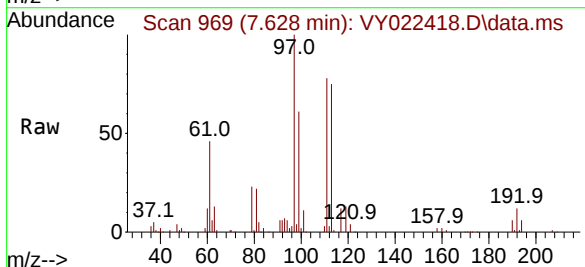
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

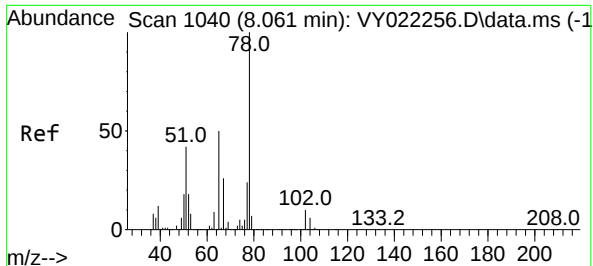
Tgt Ion: 56 Resp: 81364
Ion Ratio Lower Upper
56 100
69 35.1 27.4 41.2
84 90.8 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 20.888 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion: 97 Resp: 76528
Ion Ratio Lower Upper
97 100
99 62.5 51.4 77.0
61 46.1 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 46.629 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

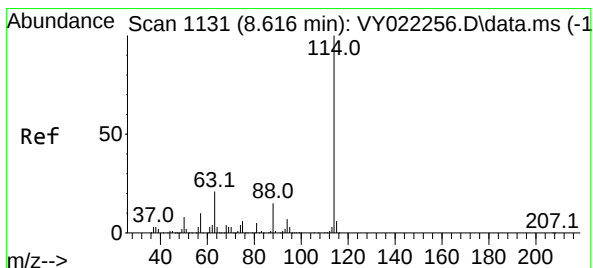
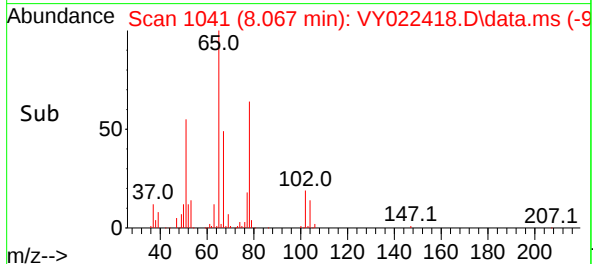
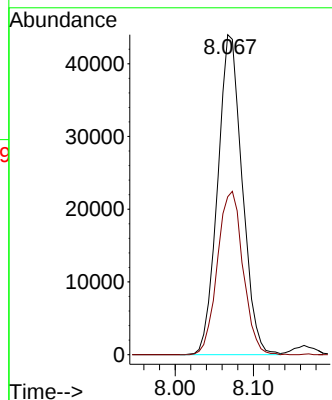
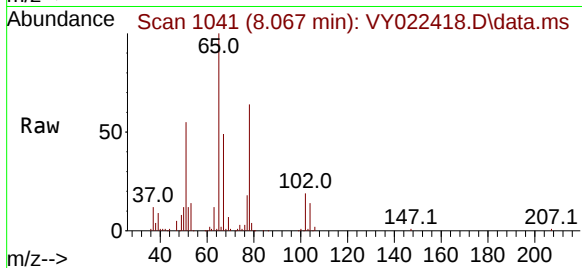
VY0523SBS02

Tgt Ion: 65 Resp: 95881

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

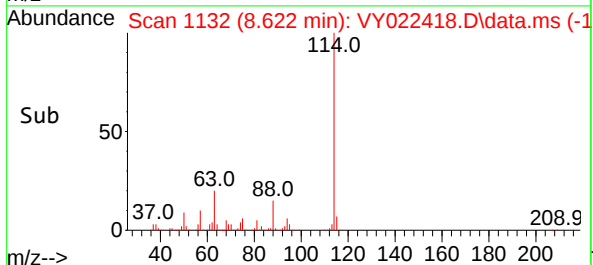
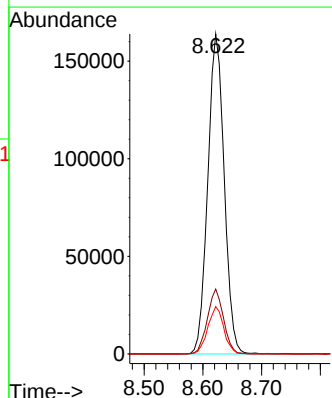
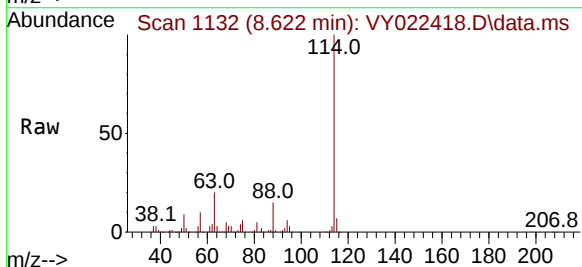
Tgt Ion: 114 Resp: 318316

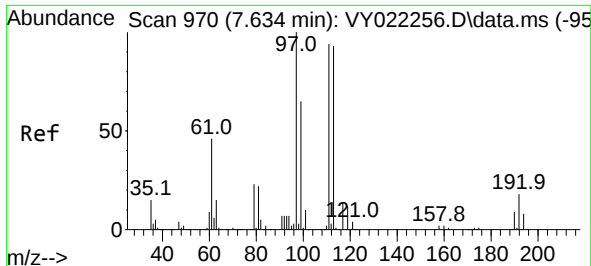
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.0

88 14.8 0.0 29.4

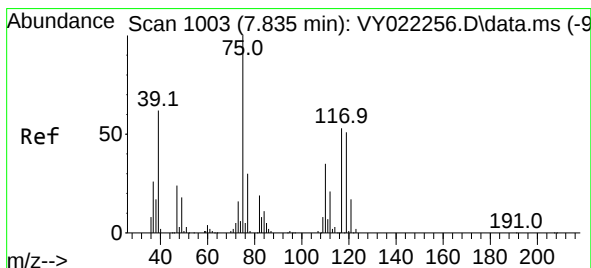
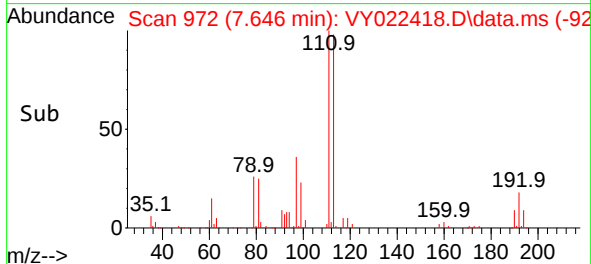
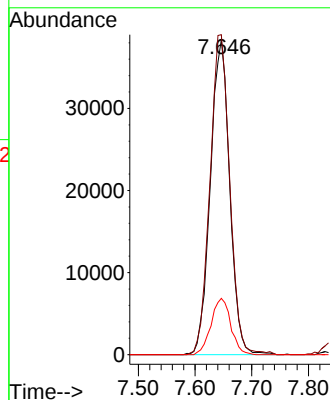
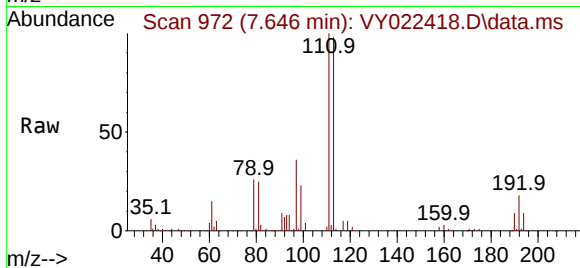




#35
Dibromofluoromethane
Concen: 47.776 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

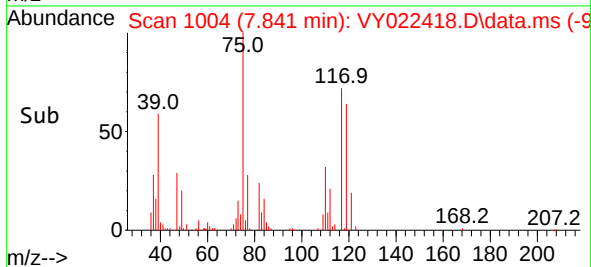
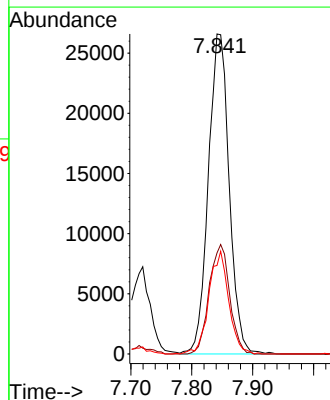
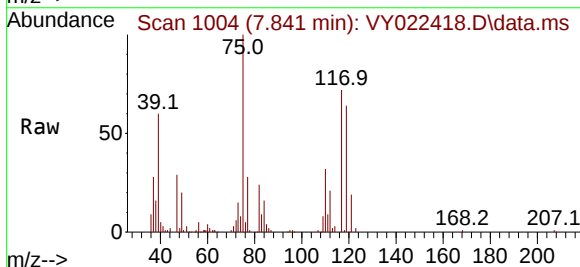
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

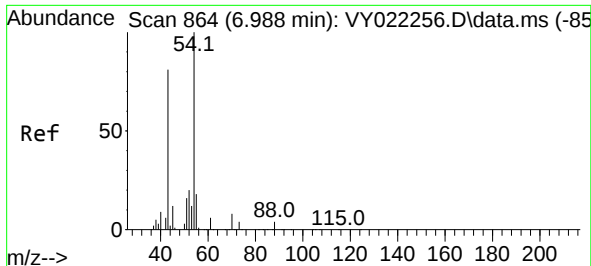
Tgt Ion:113 Resp: 90770
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 18.2 15.2 22.8



#36
1,1-Dichloropropene
Concen: 20.221 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion: 75 Resp: 63277
Ion Ratio Lower Upper
75 100
110 33.7 16.6 49.8
77 30.6 24.6 37.0





#37

Ethyl Acetate

Concen: 17.834 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

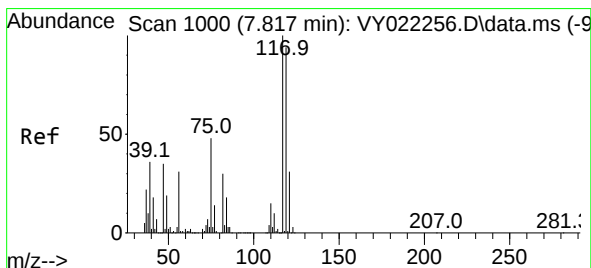
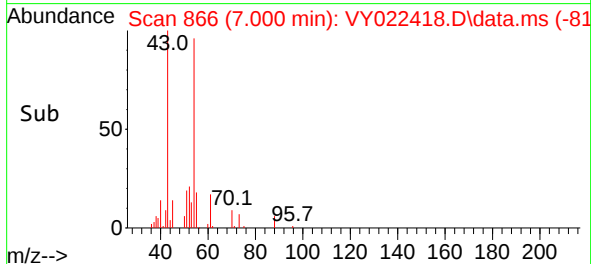
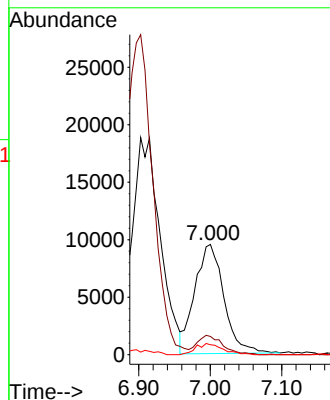
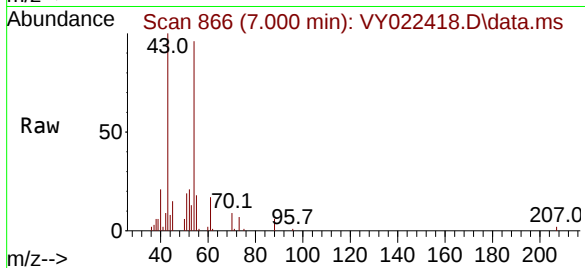
Tgt Ion: 43 Resp: 26853

Ion Ratio Lower Upper

43 100

61 15.5 10.2 15.2#

70 9.4 7.6 11.4



#38

Carbon Tetrachloride

Concen: 20.403 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

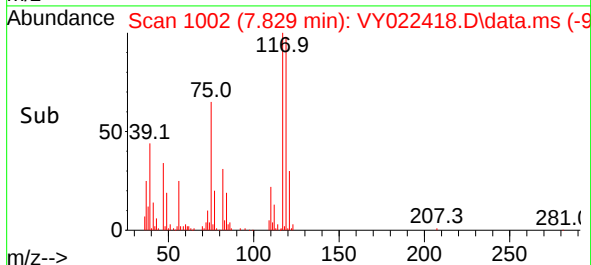
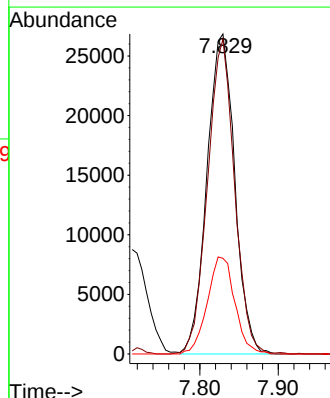
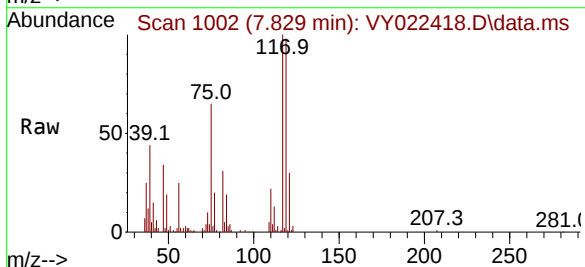
Tgt Ion: 117 Resp: 66090

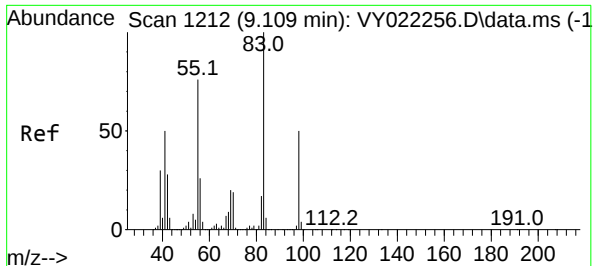
Ion Ratio Lower Upper

117 100

119 97.9 75.3 112.9

121 29.9 24.7 37.1





#39

Methylcyclohexane

Concen: 20.445 ug/l

RT: 9.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

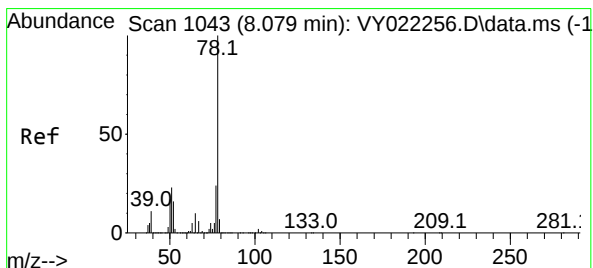
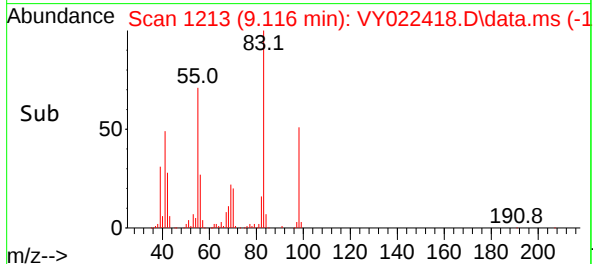
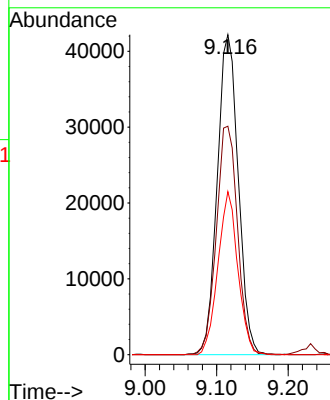
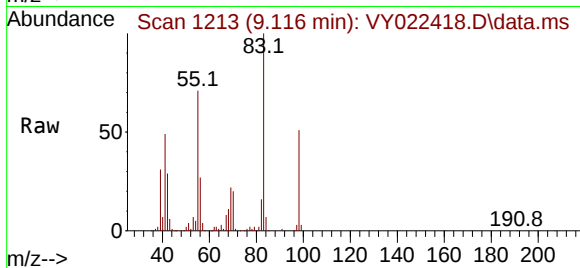
Tgt Ion: 83 Resp: 85957

Ion Ratio Lower Upper

83 100

55 71.4 60.6 90.8

98 51.0 40.0 60.0



#40

Benzene

Concen: 20.448 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.012 min

Lab File: VY022418.D

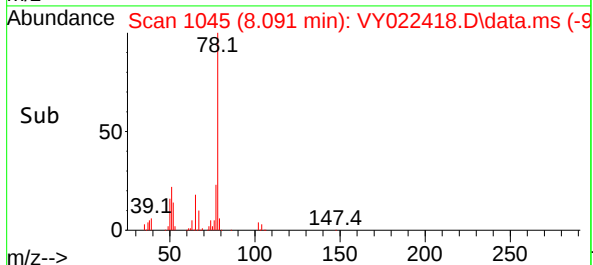
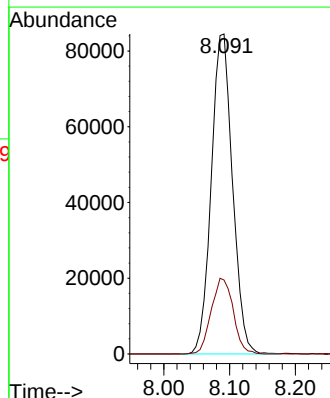
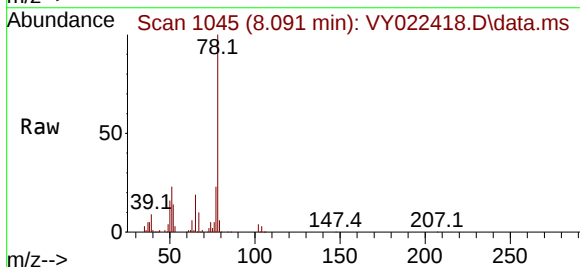
Acq: 23 May 2025 19:57

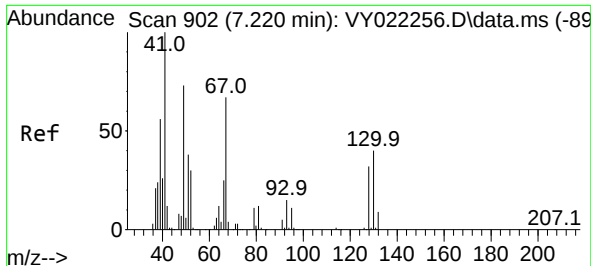
Tgt Ion: 78 Resp: 189699

Ion Ratio Lower Upper

78 100

77 23.1 18.9 28.3

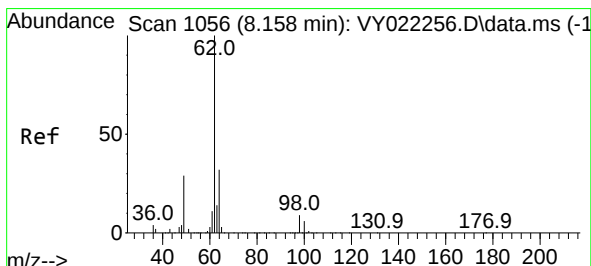
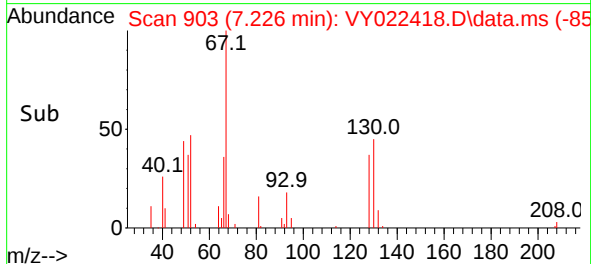
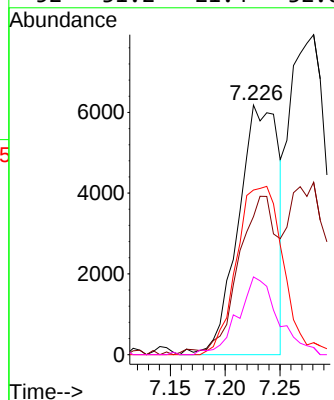
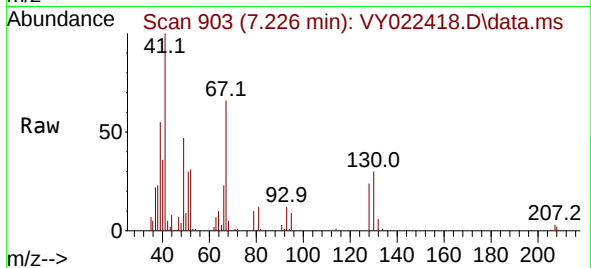




#41
Methacrylonitrile
Concen: 15.745 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

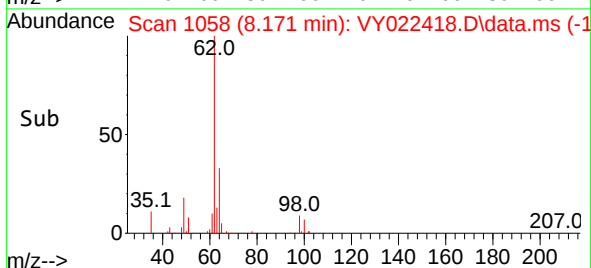
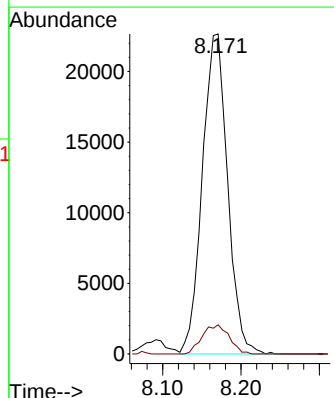
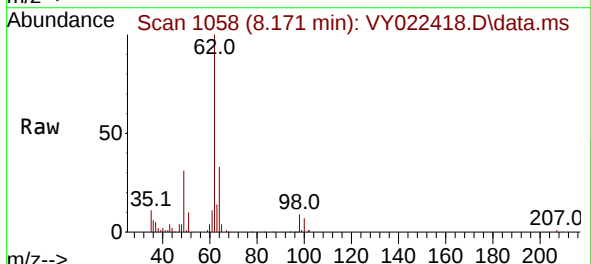
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

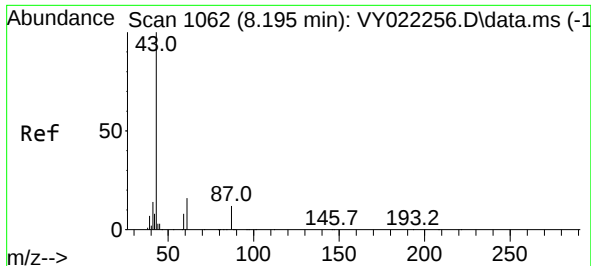
Tgt Ion:	41	Resp:	15726
Ion	Ratio	Lower	Upper
41	100		
39	61.8	39.1	58.7#
67	78.2	47.1	70.7#
52	31.2	21.4	32.0



#42
1,2-Dichloroethane
Concen: 20.222 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion:	62	Resp:	50732
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.4

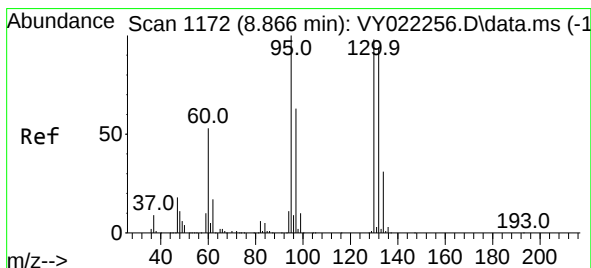
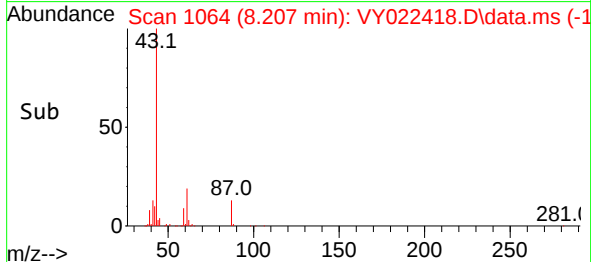
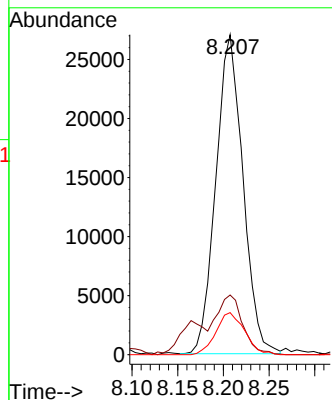
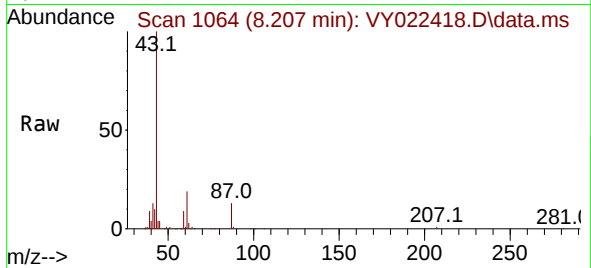




#43
Isopropyl Acetate
Concen: 16.972 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

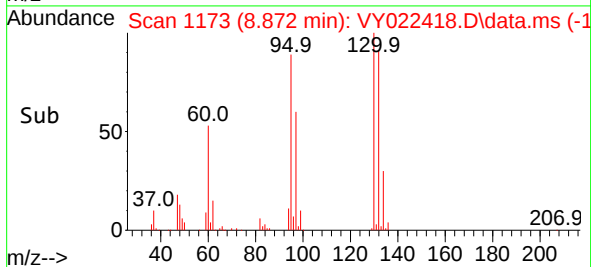
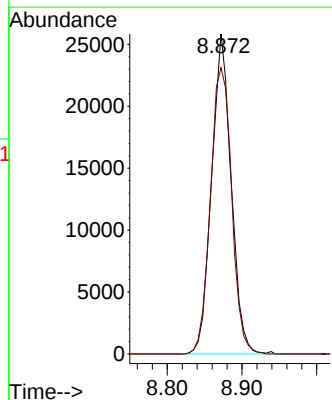
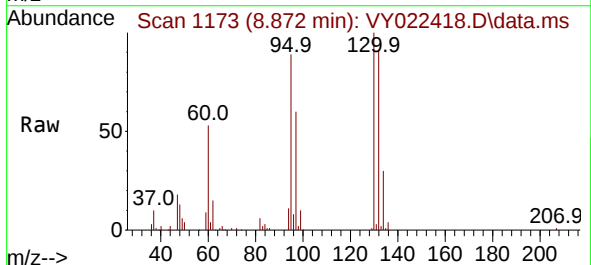
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

Tgt Ion: 43 Resp: 55731
Ion Ratio Lower Upper
43 100
61 18.0 15.1 22.7
87 14.0 9.7 14.5



#44
Trichloroethene
Concen: 20.389 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion:130 Resp: 47030
Ion Ratio Lower Upper
130 100
95 89.4 0.0 204.8





#45

1,2-Dichloropropane

Concen: 19.774 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

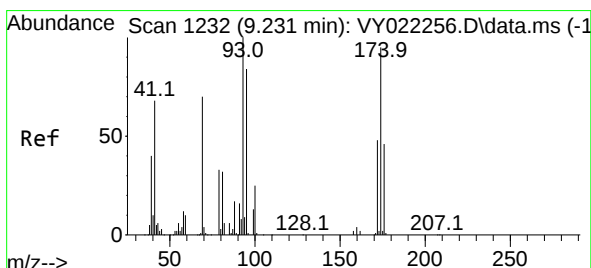
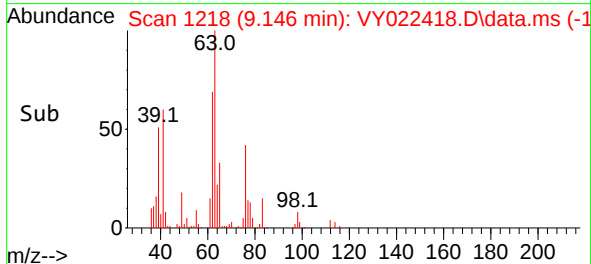
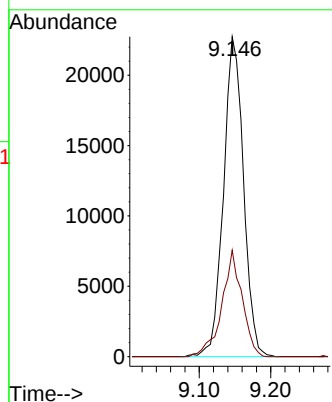
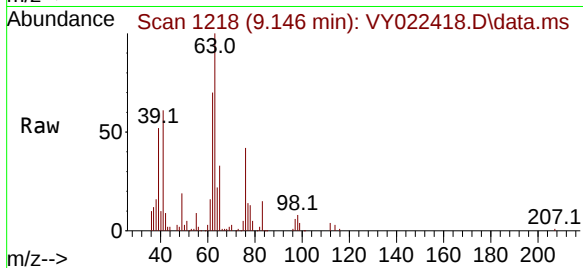
VY0523SBS02

Tgt Ion: 63 Resp: 44227

Ion Ratio Lower Upper

63 100

65 33.2 25.7 38.5



#46

Dibromomethane

Concen: 20.286 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

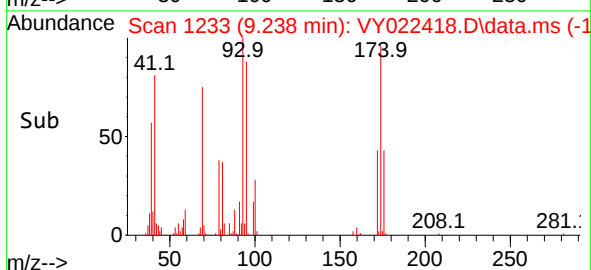
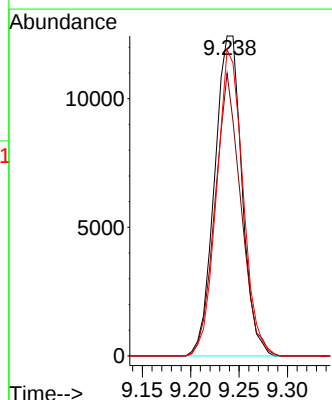
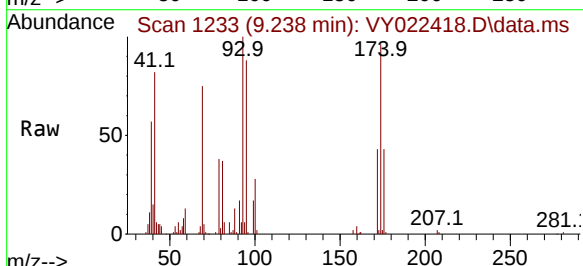
Tgt Ion: 93 Resp: 24472

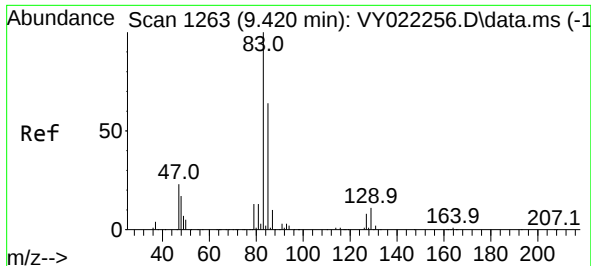
Ion Ratio Lower Upper

93 100

95 83.0 65.2 97.8

174 92.1 74.3 111.5

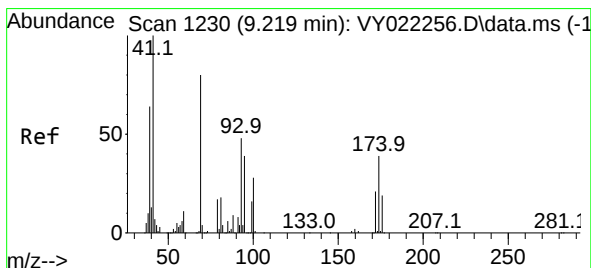
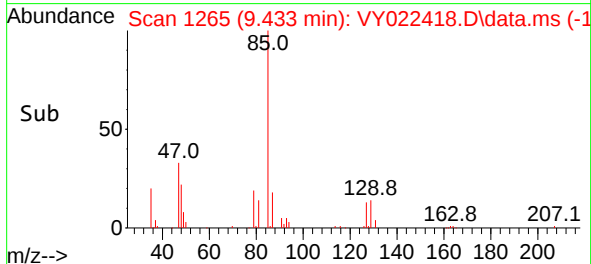
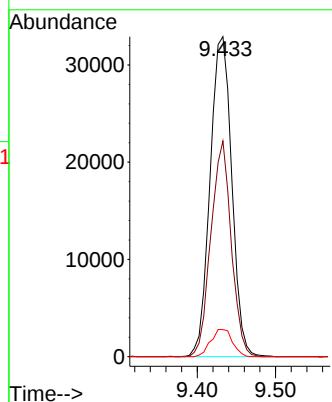
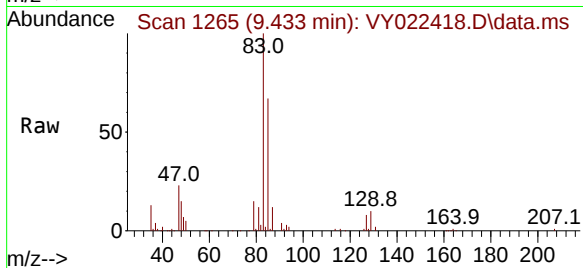




#47
Bromodichloromethane
Concen: 20.215 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

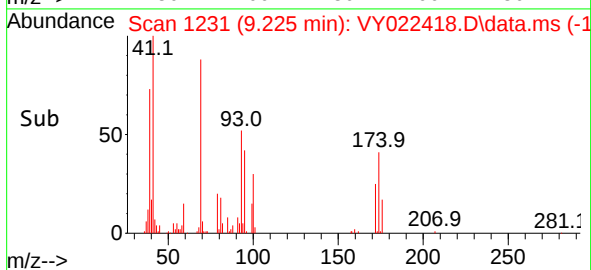
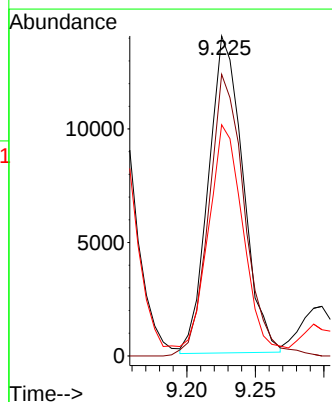
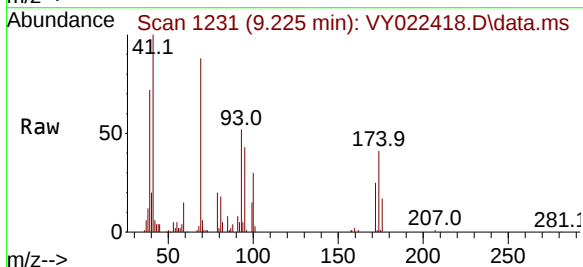
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

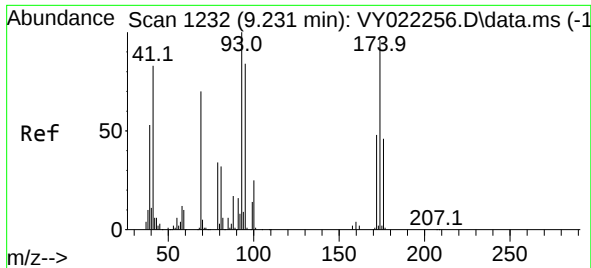
Tgt Ion: 83 Resp: 63262
Ion Ratio Lower Upper
83 100
85 67.4 51.1 76.7
127 8.5 6.6 10.0



#48
Methyl methacrylate
Concen: 15.982 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion: 41 Resp: 24543
Ion Ratio Lower Upper
41 100
69 91.3 63.5 95.3
39 68.5 50.8 76.2

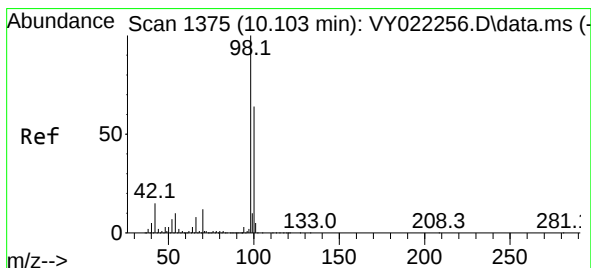
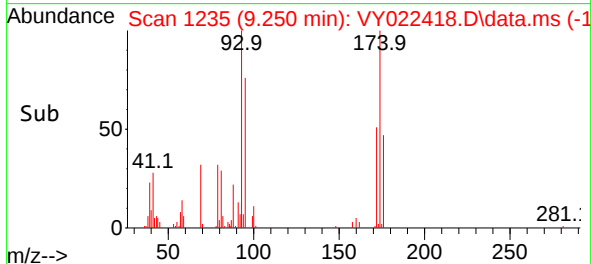
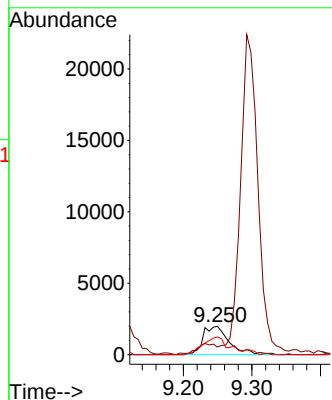
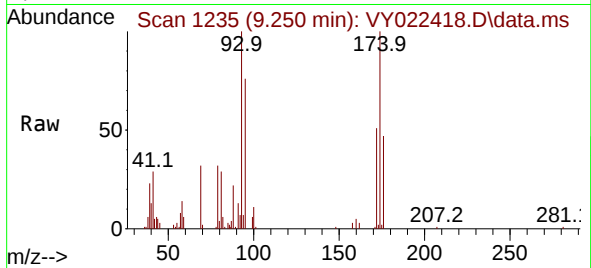




#49
1,4-Dioxane
Concen: 388.613 ug/l
RT: 9.250 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

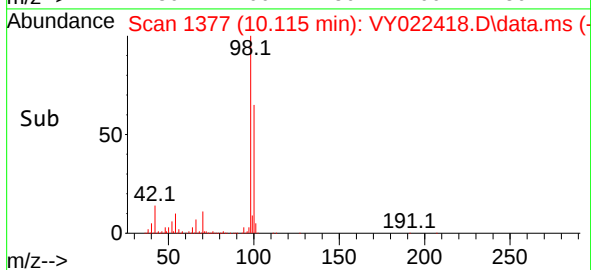
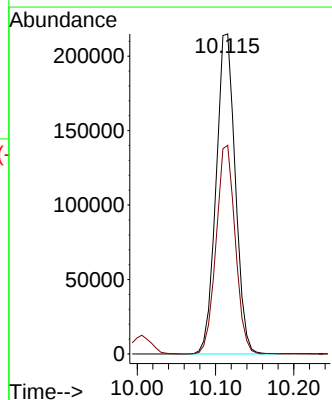
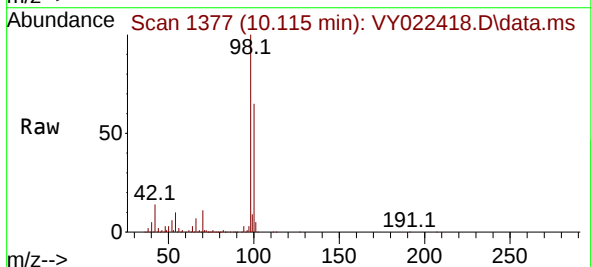
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

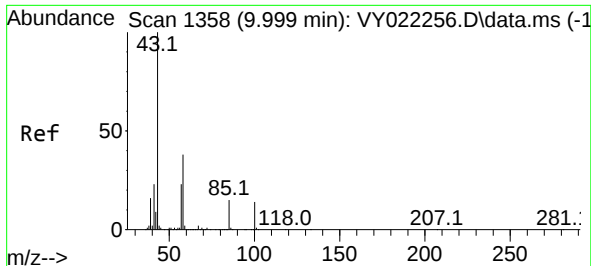
Tgt Ion: 88 Resp: 5296
Ion Ratio Lower Upper
88 100
43 29.2 28.5 42.7
58 60.3 61.4 92.2#



#50
Toluene-d8
Concen: 47.137 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion: 98 Resp: 366782
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 84.398 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

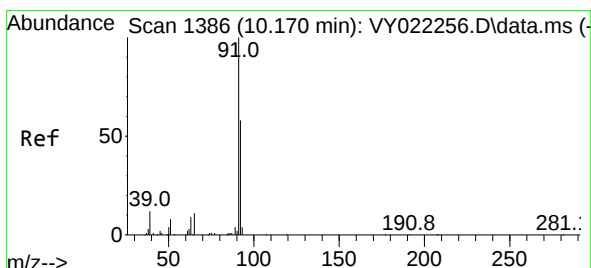
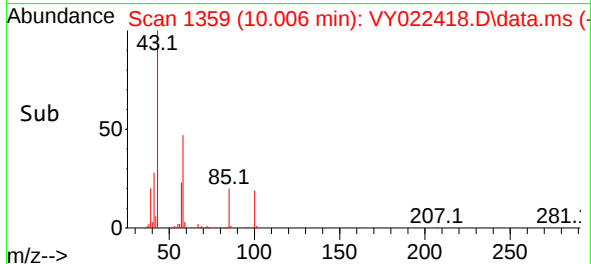
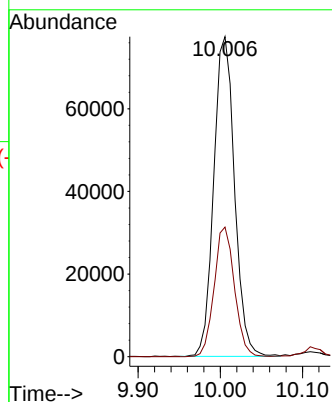
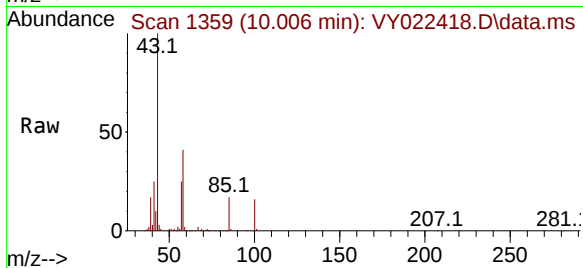
VY0523SBS02

Tgt Ion: 43 Resp: 135984

Ion Ratio Lower Upper

43 100

58 39.7 29.4 44.2



#52

Toluene

Concen: 20.084 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY022418.D

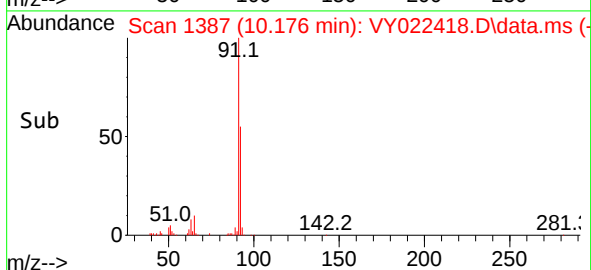
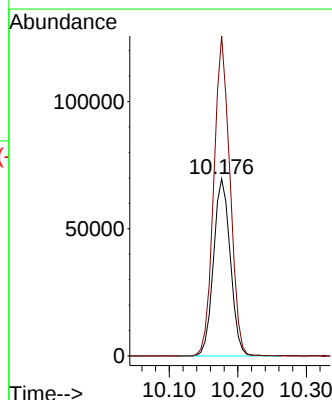
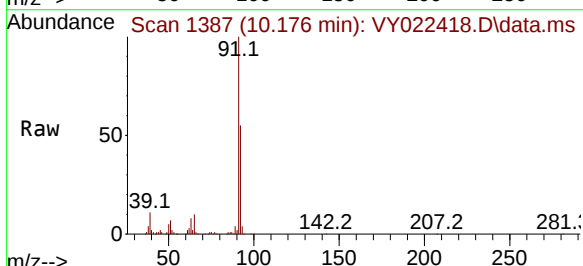
Acq: 23 May 2025 19:57

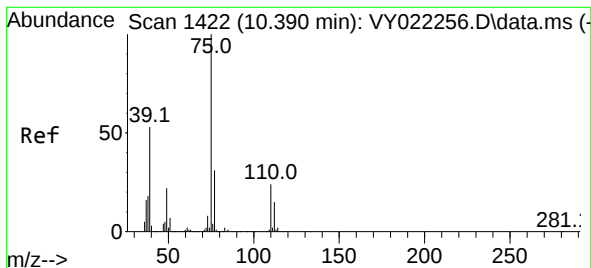
Tgt Ion: 92 Resp: 117986

Ion Ratio Lower Upper

92 100

91 174.3 139.1 208.7

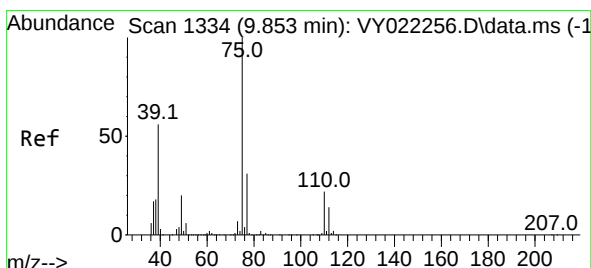
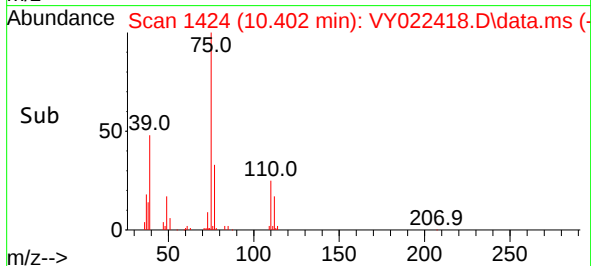
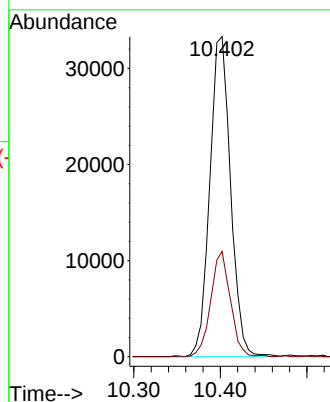
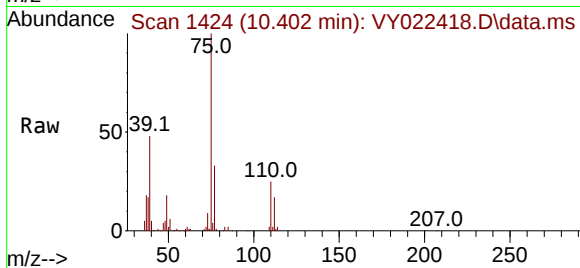




#53
 t-1,3-Dichloropropene
 Concen: 18.208 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.012 min
 Lab File: VY022418.D
 Acq: 23 May 2025 19:57

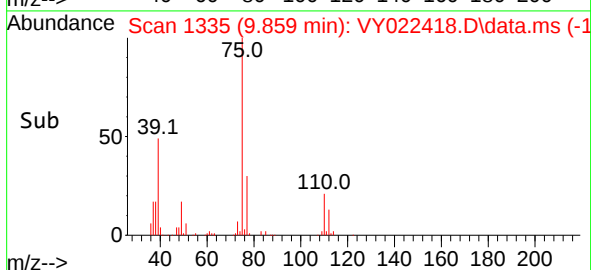
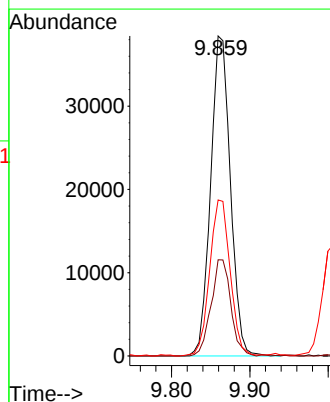
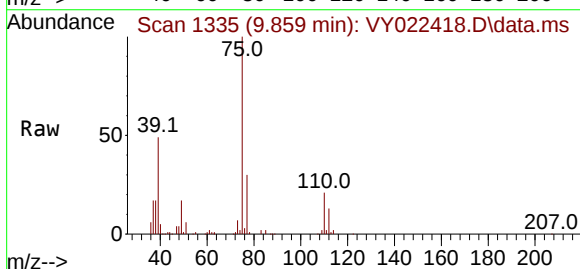
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS02

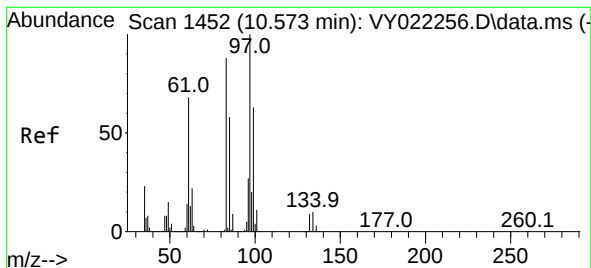
Tgt Ion: 75 Resp: 55611
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.240 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY022418.D
 Acq: 23 May 2025 19:57

Tgt Ion: 75 Resp: 67324
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.1 37.7
 39 48.8 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 20.316 ug/l

RT: 10.579 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

Tgt Ion: 97 Resp: 31383

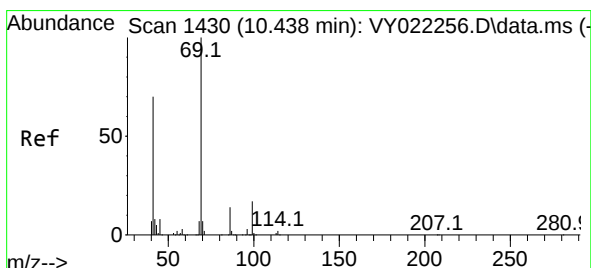
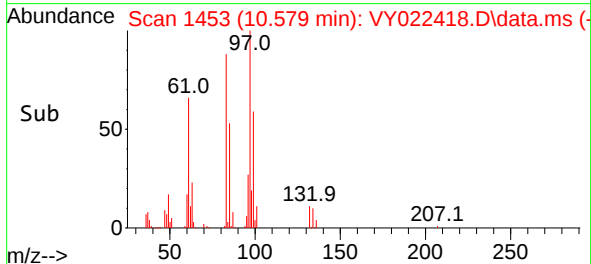
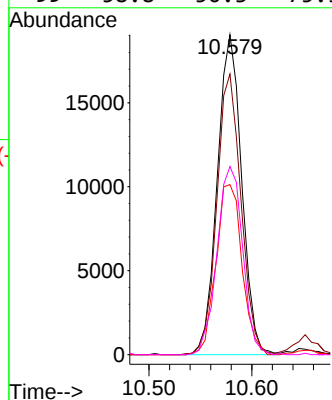
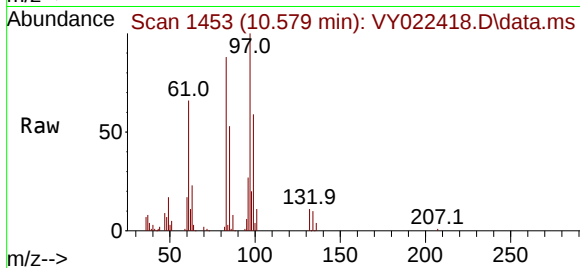
Ion Ratio Lower Upper

97 100

83 87.7 70.3 105.5

85 53.1 46.2 69.4

99 58.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 18.187 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

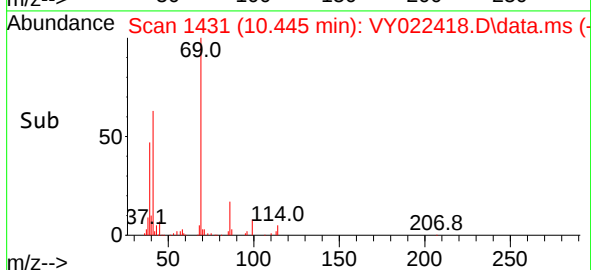
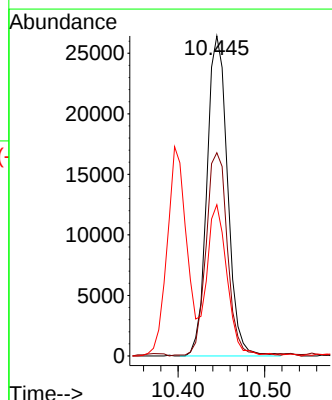
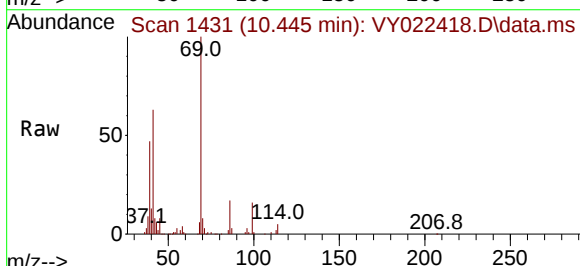
Tgt Ion: 69 Resp: 43763

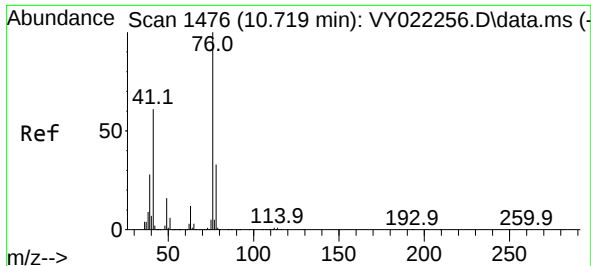
Ion Ratio Lower Upper

69 100

41 65.1 56.5 84.7

39 45.4 37.1 55.7





#57

1,3-Dichloropropane

Concen: 20.143 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

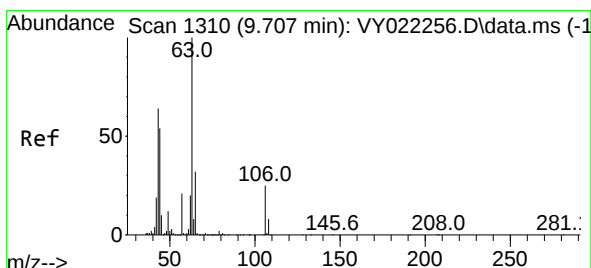
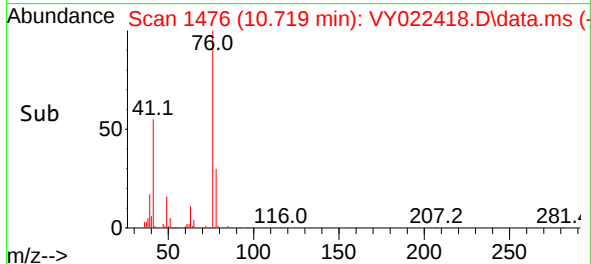
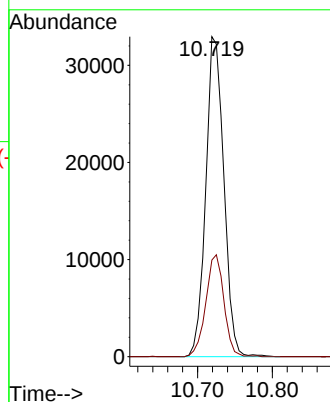
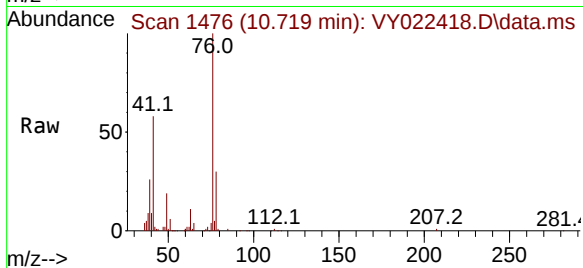
VY0523SBS02

Tgt Ion: 76 Resp: 55286

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 86.187 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.012 min

Lab File: VY022418.D

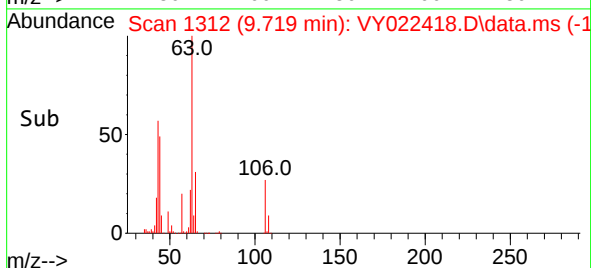
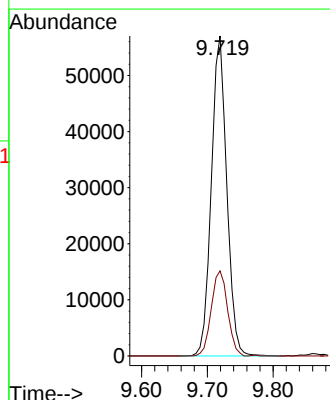
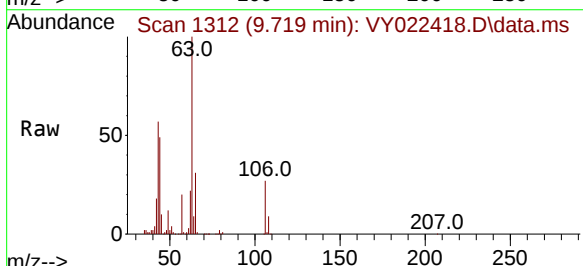
Acq: 23 May 2025 19:57

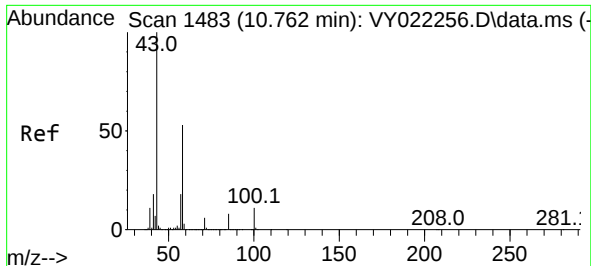
Tgt Ion: 63 Resp: 93085

Ion Ratio Lower Upper

63 100

106 28.1 21.0 31.4

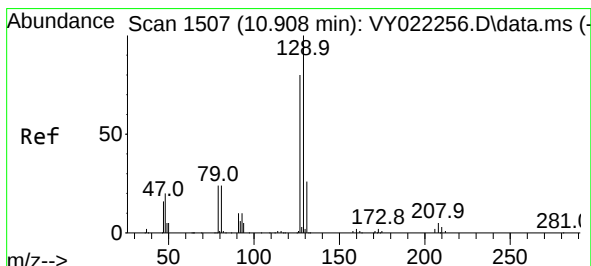
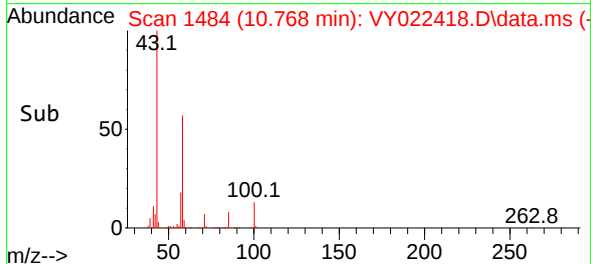
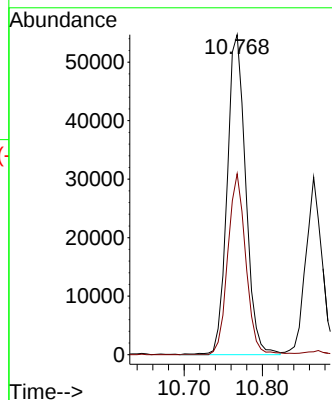
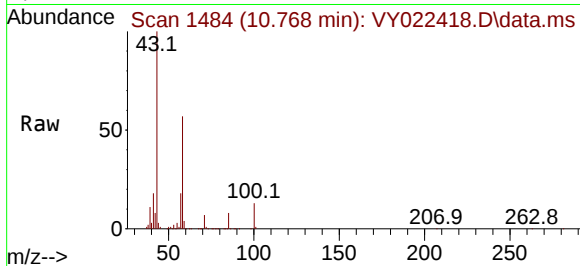




#59
2-Hexanone
Concen: 83.244 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

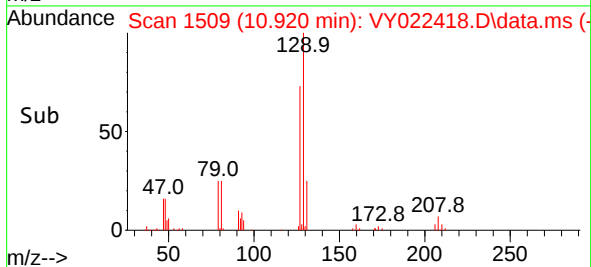
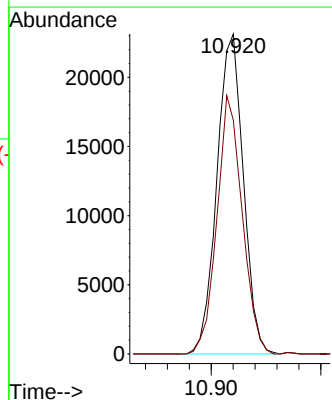
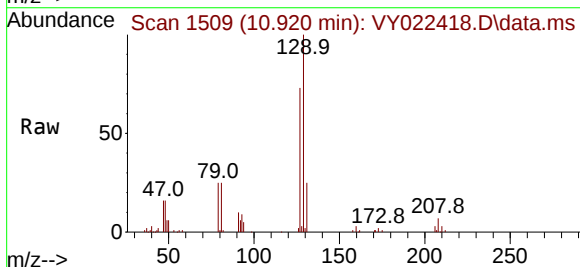
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

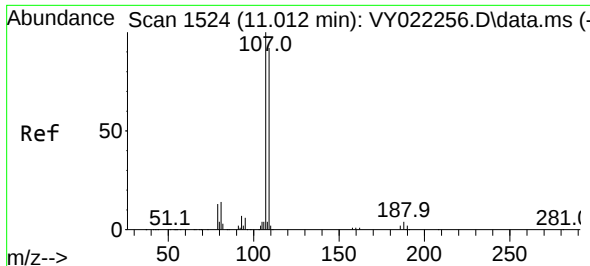
Tgt Ion: 43 Resp: 89929
Ion Ratio Lower Upper
43 100
58 54.9 26.1 78.3



#60
Dibromochloromethane
Concen: 19.327 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion: 129 Resp: 38750
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.7

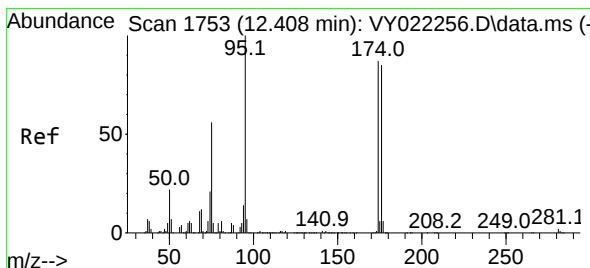
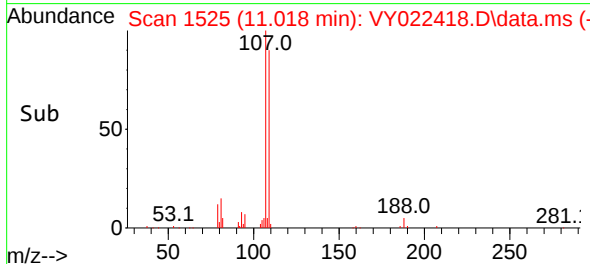
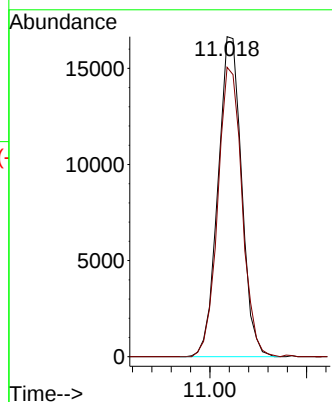
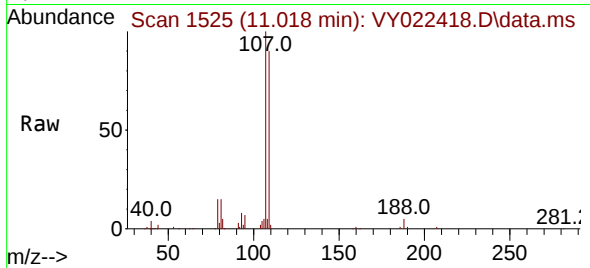




#61
1,2-Dibromoethane
Concen: 19.551 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

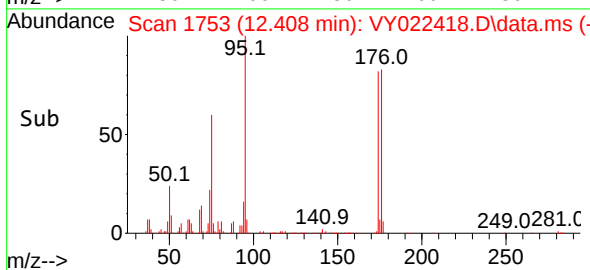
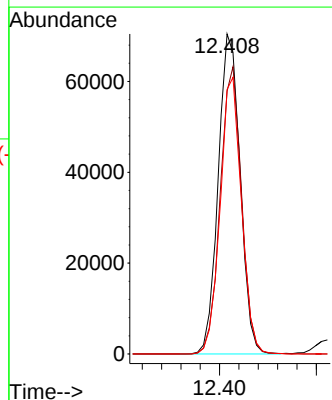
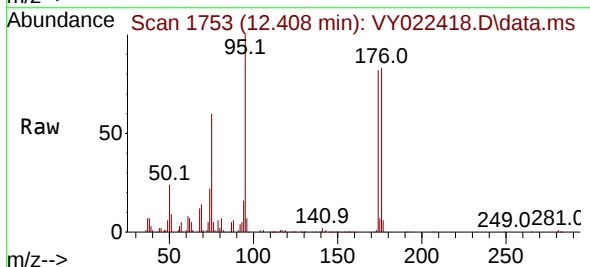
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

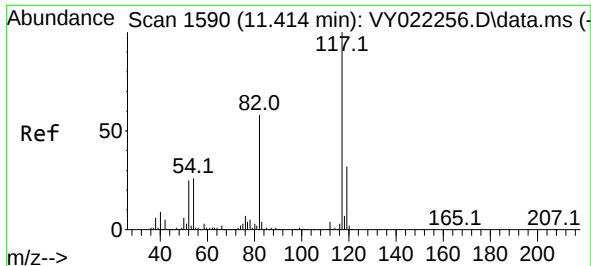
Tgt Ion:107 Resp: 28149
Ion Ratio Lower Upper
107 100
109 92.8 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 44.734 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion: 95 Resp: 110329
Ion Ratio Lower Upper
95 100
174 87.3 0.0 166.8
176 84.2 0.0 160.8

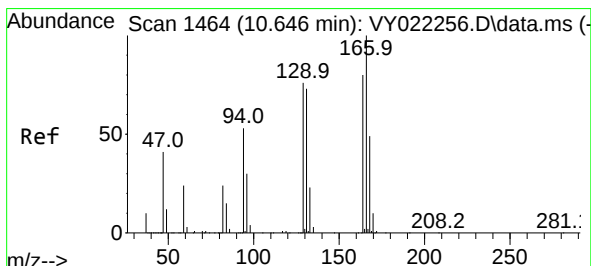
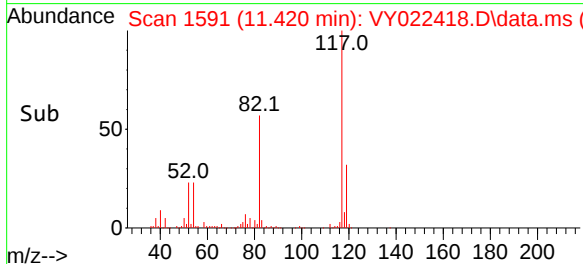
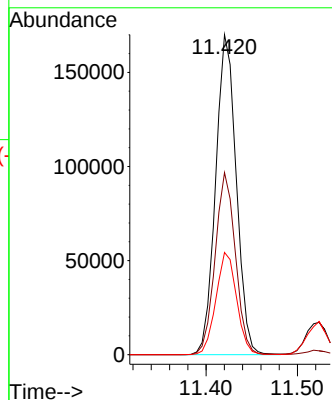
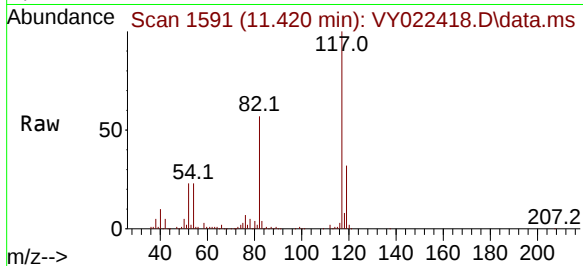




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

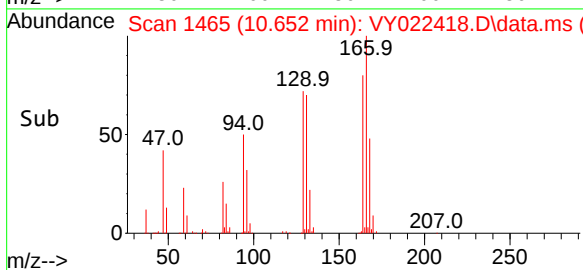
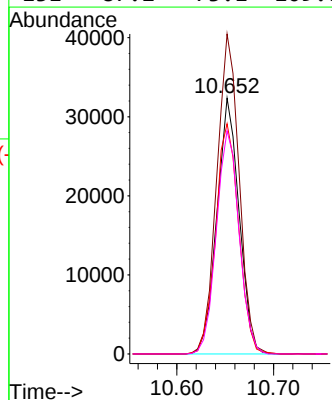
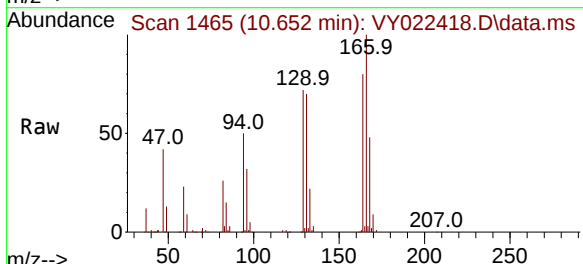
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

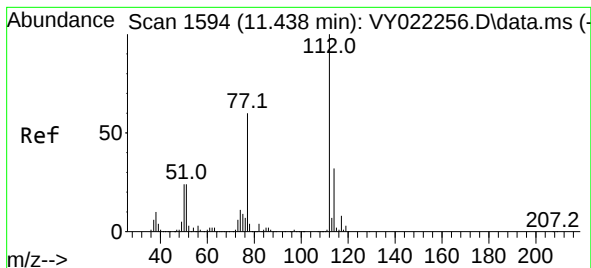
Tgt Ion:117 Resp: 266789
Ion Ratio Lower Upper
117 100
82 56.9 46.6 70.0
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 20.929 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion:164 Resp: 51610
Ion Ratio Lower Upper
164 100
166 125.0 100.4 150.6
129 90.0 76.4 114.6
131 87.2 73.1 109.7





#65

Chlorobenzene

Concen: 20.599 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

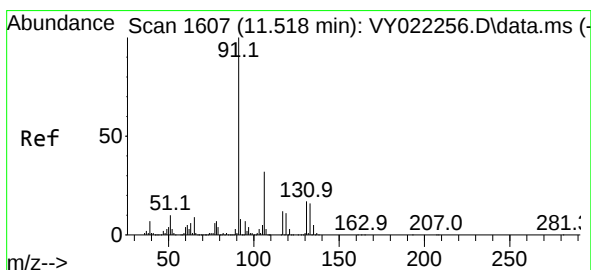
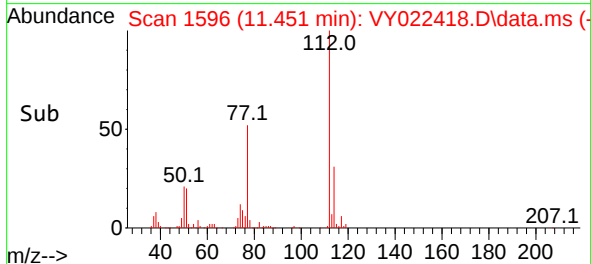
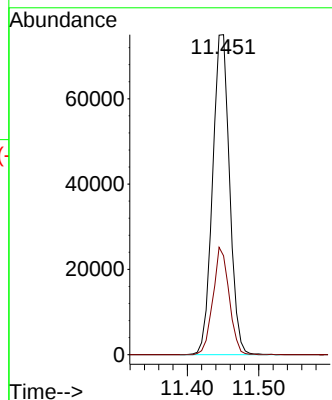
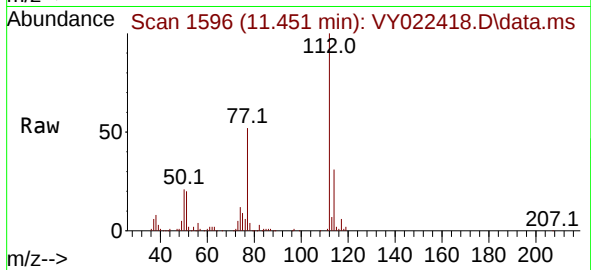
VY0523SBS02

Tgt Ion:112 Resp: 123988

Ion Ratio Lower Upper

112 100

114 30.9 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.463 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

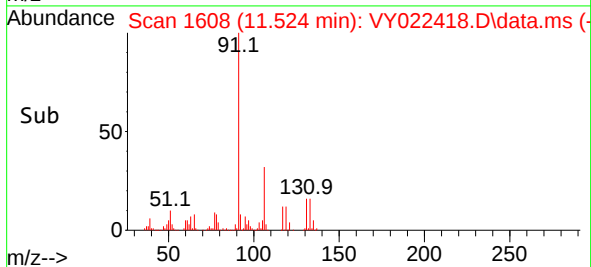
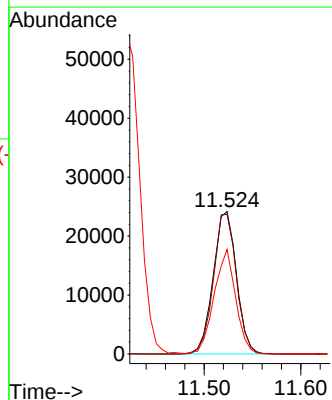
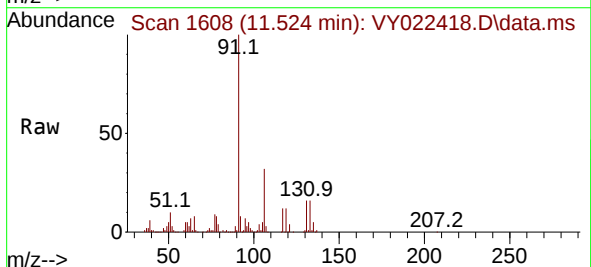
Tgt Ion:131 Resp: 40274

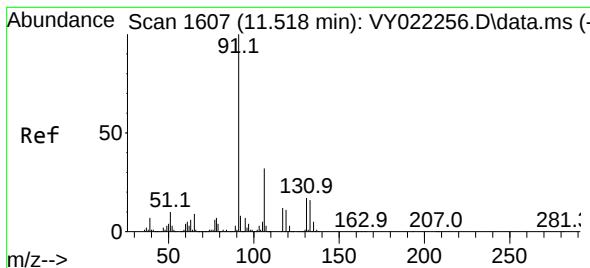
Ion Ratio Lower Upper

131 100

133 97.4 47.3 141.9

119 68.1 33.1 99.2





#67

Ethyl Benzene

Concen: 19.595 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

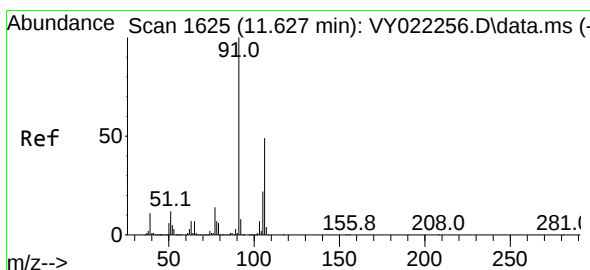
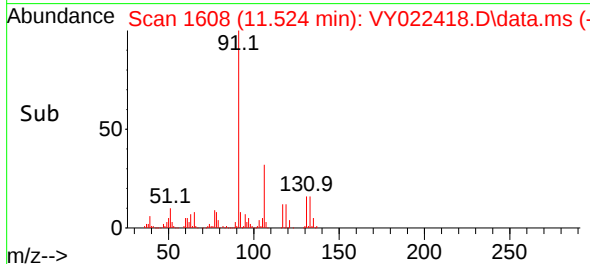
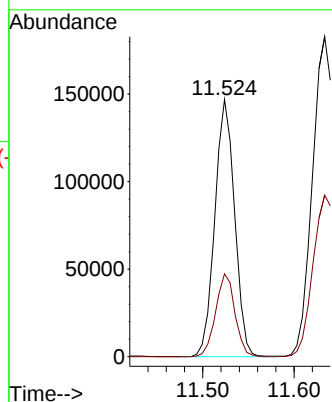
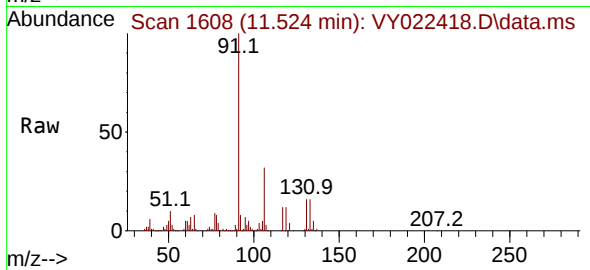
VY0523SBS02

Tgt Ion: 91 Resp: 220886

Ion Ratio Lower Upper

91 100

106 32.2 25.4 38.0



#68

m/p-Xylenes

Concen: 39.760 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022418.D

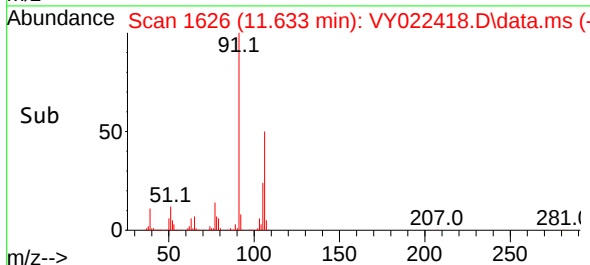
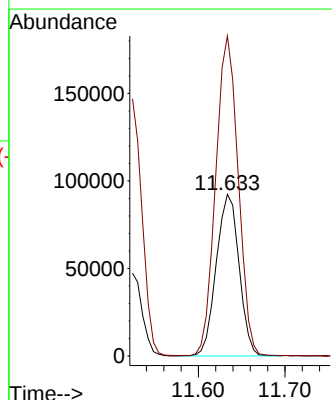
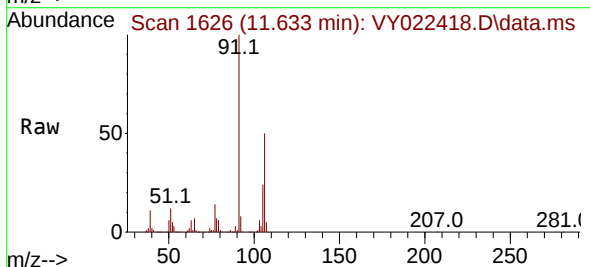
Acq: 23 May 2025 19:57

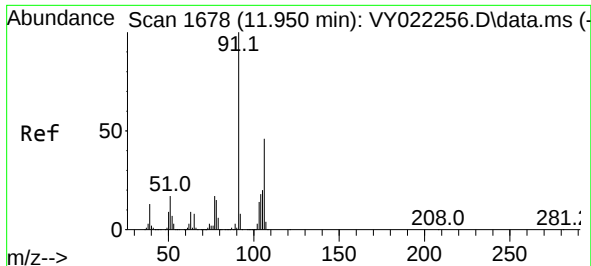
Tgt Ion: 106 Resp: 168885

Ion Ratio Lower Upper

106 100

91 195.7 163.0 244.4

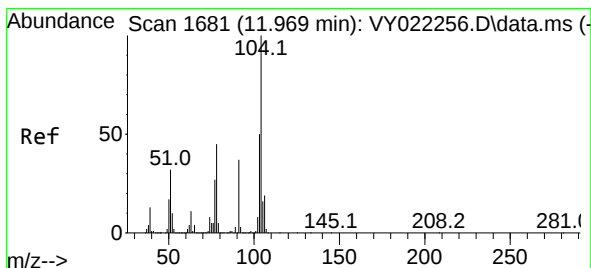
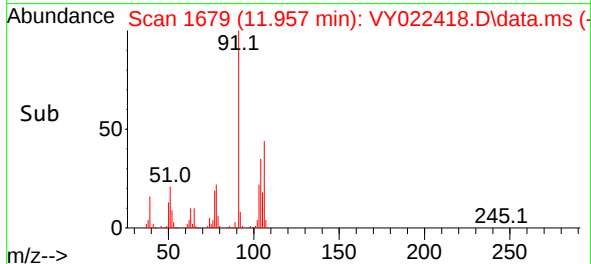
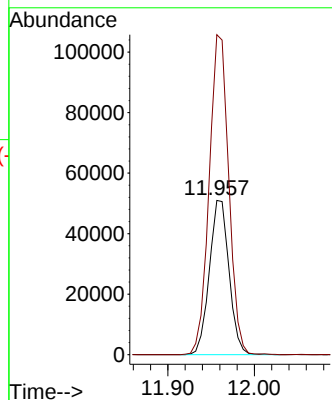
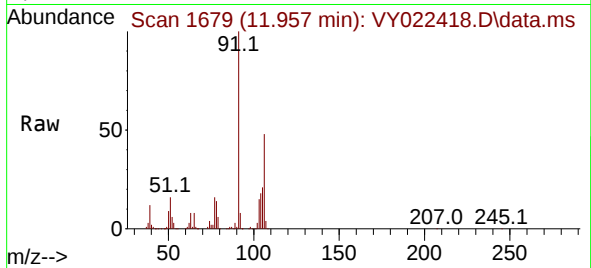




#69
o-Xylene
Concen: 20.018 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

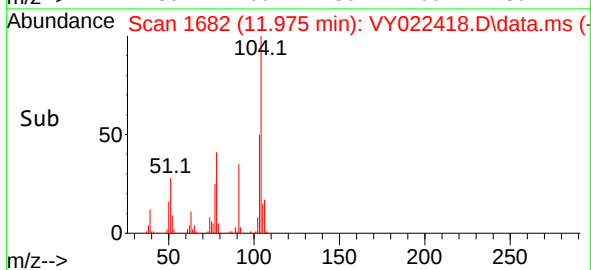
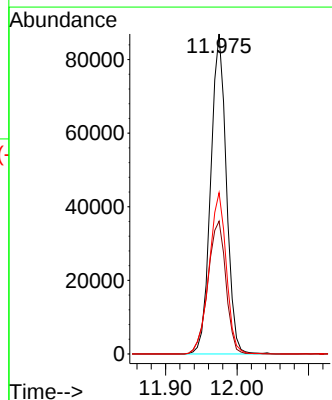
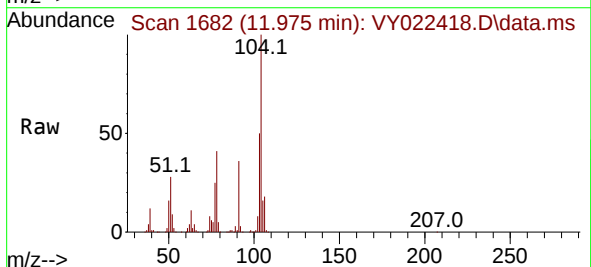
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

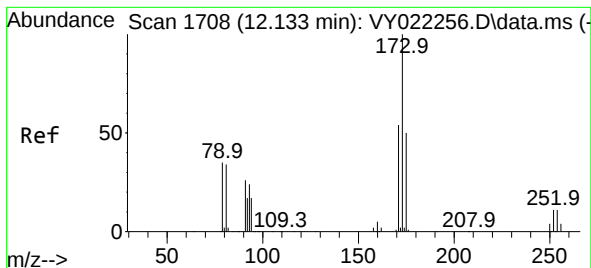
Tgt Ion:106 Resp: 80449
Ion Ratio Lower Upper
106 100
91 206.5 108.3 324.8



#70
Styrene
Concen: 19.502 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion:104 Resp: 132208
Ion Ratio Lower Upper
104 100
78 47.7 40.9 61.3
103 55.3 43.7 65.5





#71

Bromoform

Concen: 19.033 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

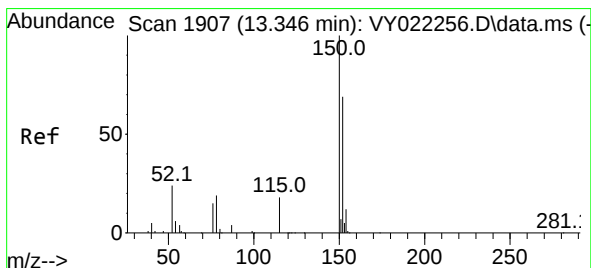
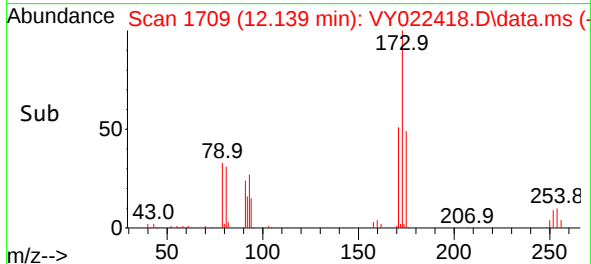
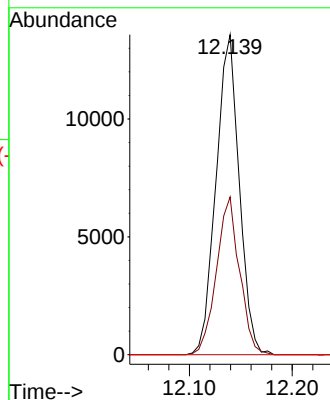
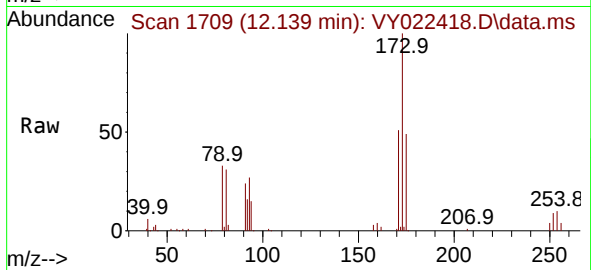
Tgt Ion:173 Resp: 21258

Ion Ratio Lower Upper

173 100

175 49.0 24.7 74.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

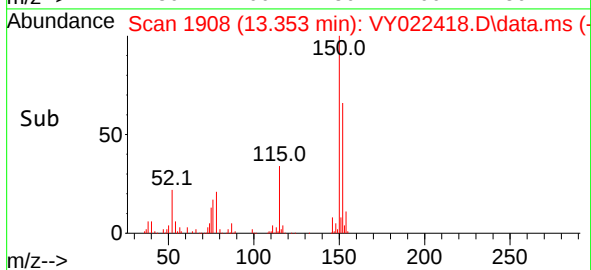
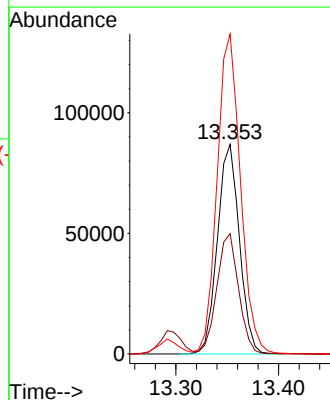
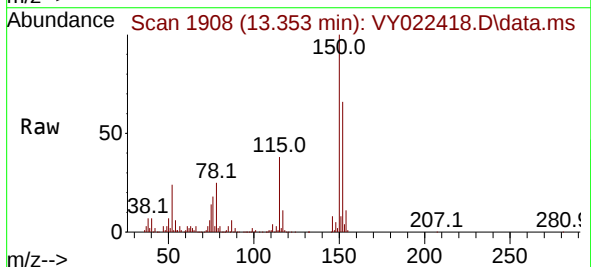
Tgt Ion:152 Resp: 128845

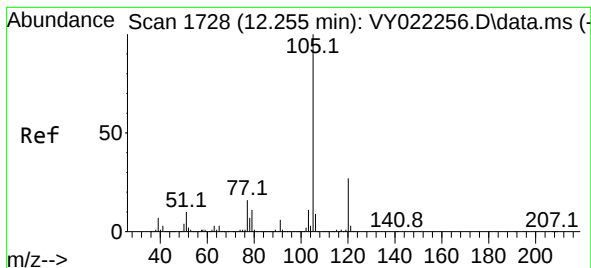
Ion Ratio Lower Upper

152 100

115 56.8 29.4 88.2

150 162.2 0.0 353.8





#73

Isopropylbenzene

Concen: 19.453 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

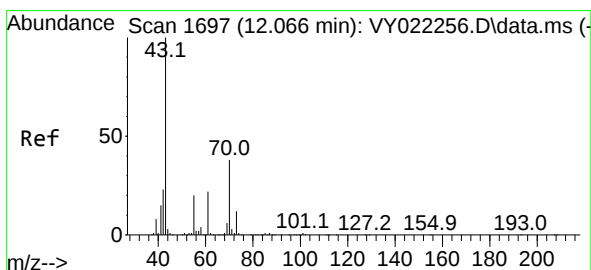
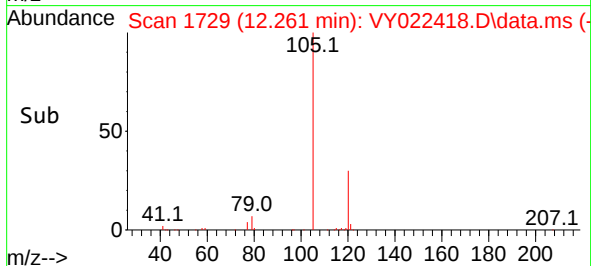
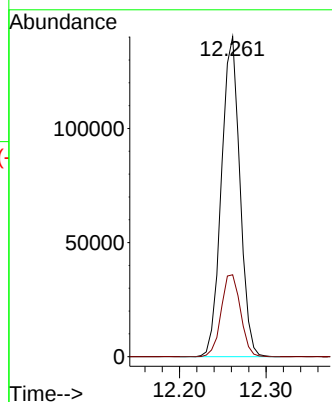
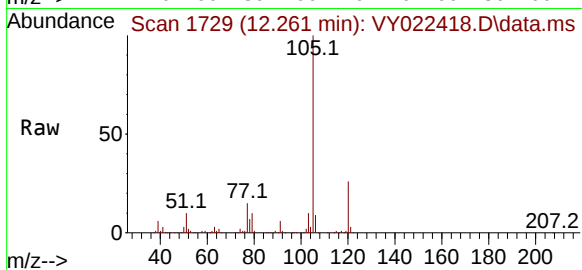
VY0523SBS02

Tgt Ion:105 Resp: 207642

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.6



#74

N-amy1 acetate

Concen: 15.779 ug/l

RT: 12.079 min Scan# 1699

Delta R.T. 0.012 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Tgt Ion: 43 Resp: 48171

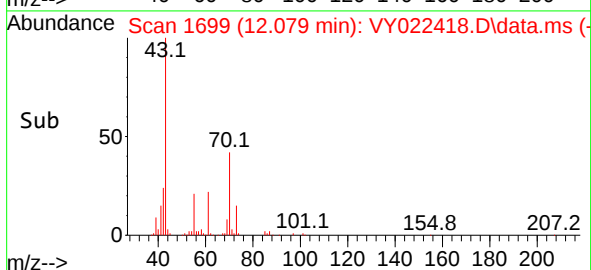
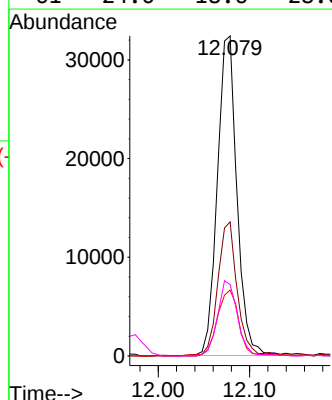
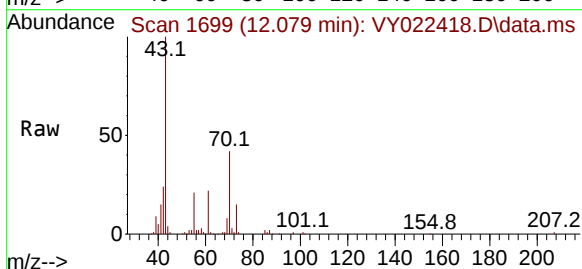
Ion Ratio Lower Upper

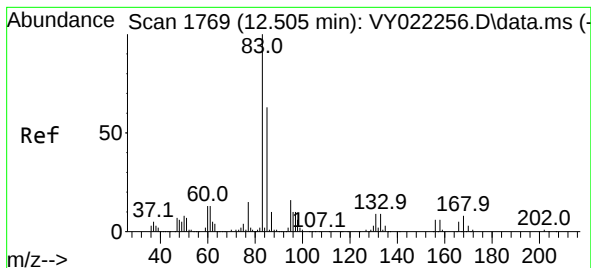
43 100

70 41.0 31.4 47.0

55 22.9 17.0 25.6

61 24.0 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.715 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

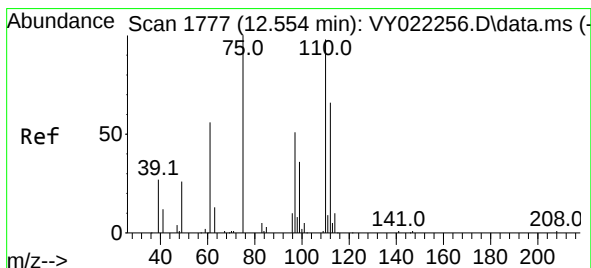
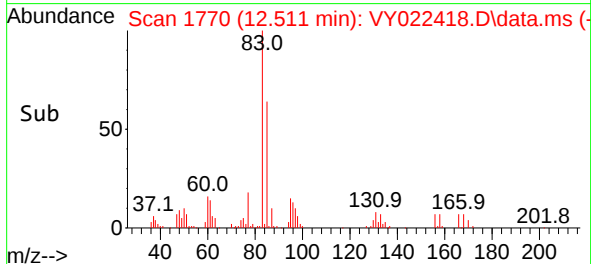
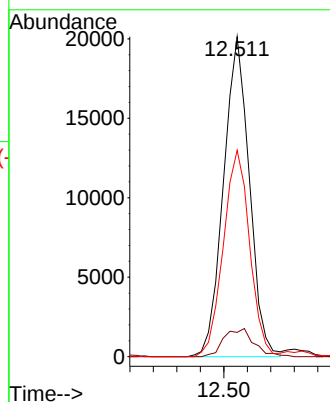
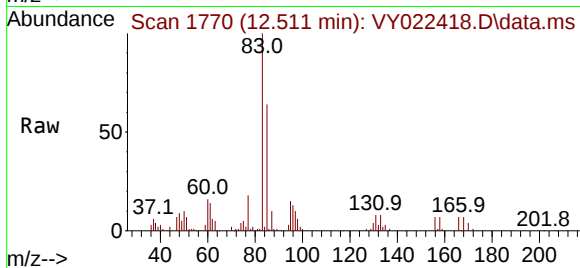
Tgt Ion: 83 Resp: 30722

Ion Ratio Lower Upper

83 100

131 10.3 4.9 14.7

85 65.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 34.134 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY022418.D

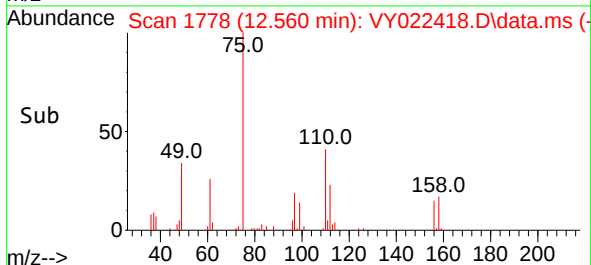
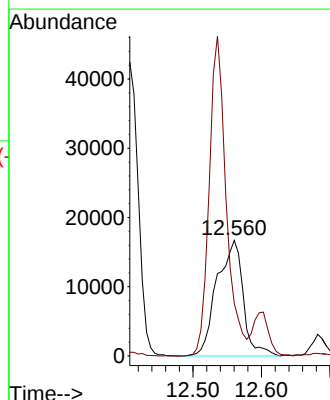
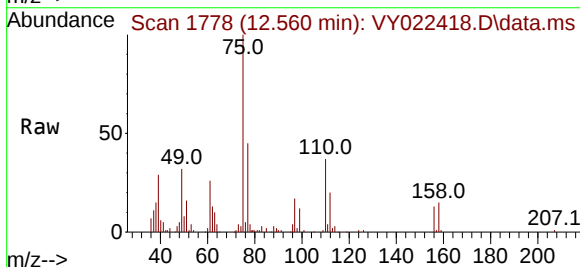
Acq: 23 May 2025 19:57

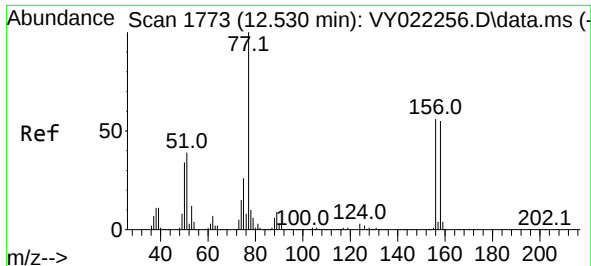
Tgt Ion: 75 Resp: 44556

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

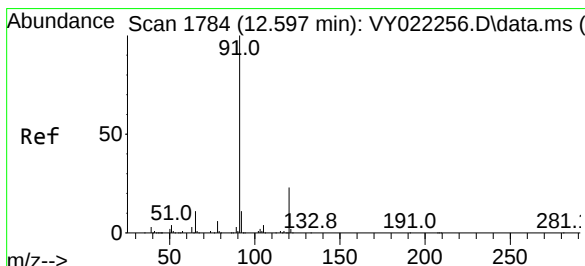
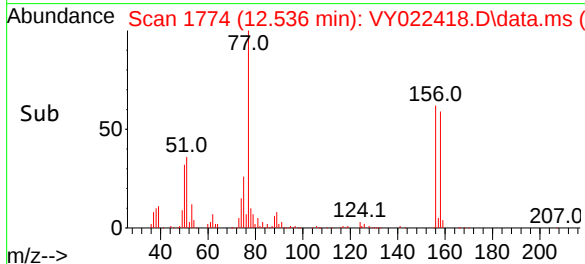
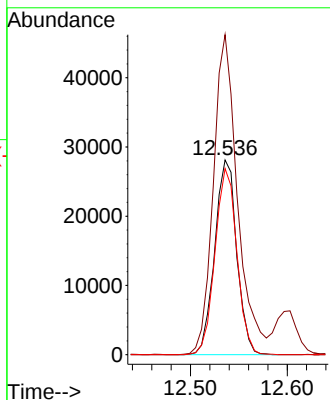
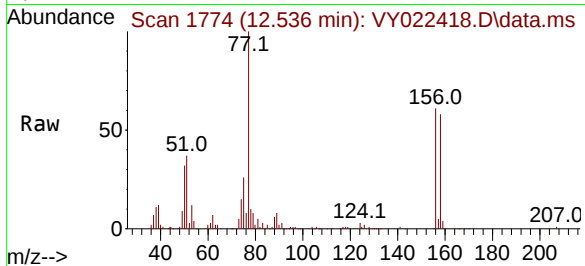




#77
Bromobenzene
Concen: 19.491 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

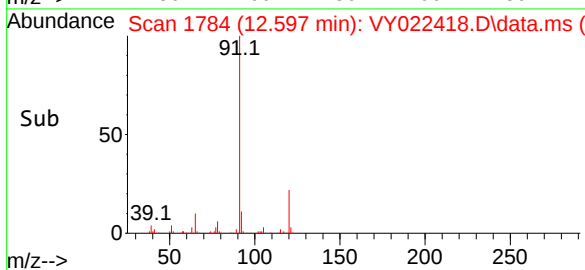
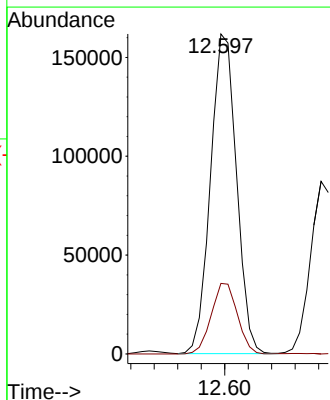
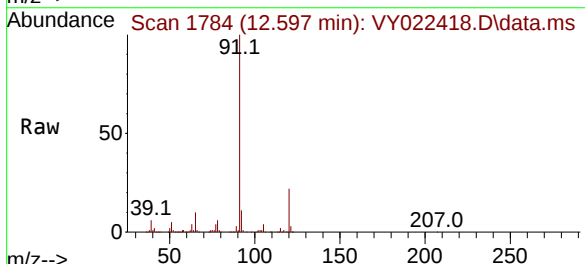
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

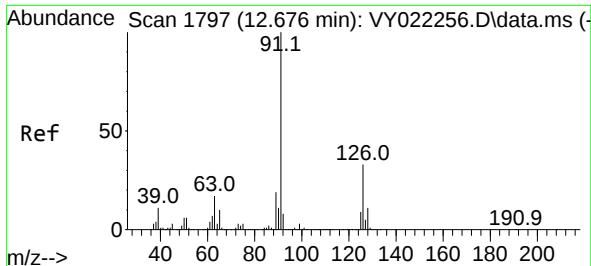
Tgt Ion:156 Resp: 44435
Ion Ratio Lower Upper
156 100
77 180.5 94.5 283.6
158 94.9 48.4 145.3



#78
n-propylbenzene
Concen: 19.298 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion: 91 Resp: 248465
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.3





#79

2-Chlorotoluene

Concen: 18.937 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

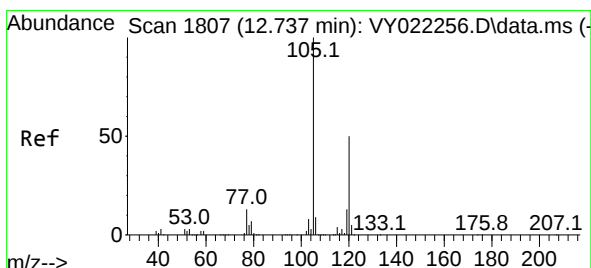
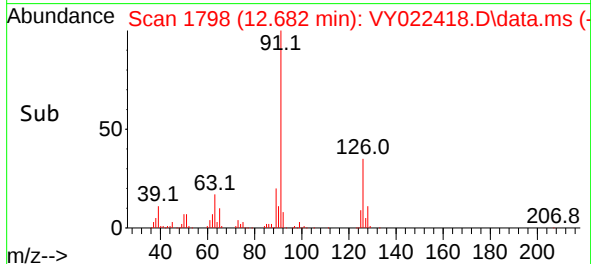
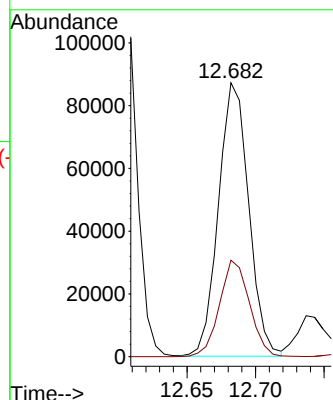
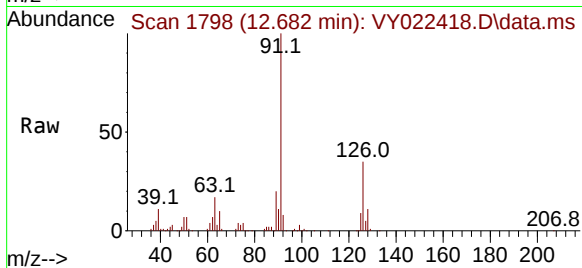
VY0523SBS02

Tgt Ion: 91 Resp: 133986

Ion Ratio Lower Upper

91 100

126 34.9 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 18.856 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VY022418.D

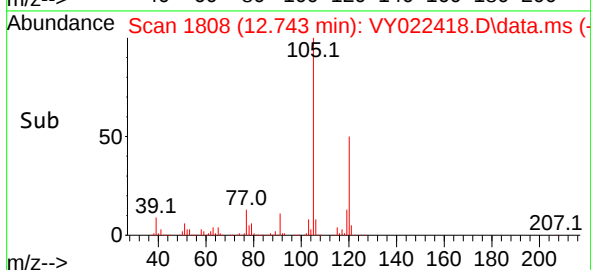
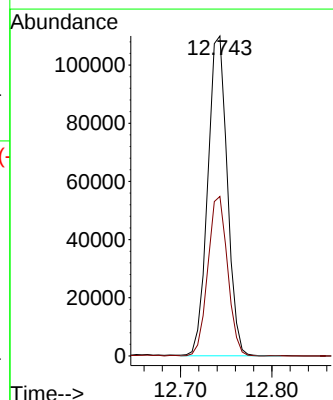
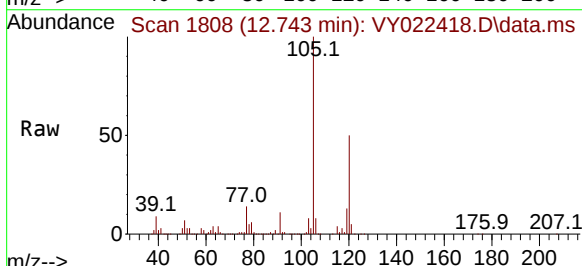
Acq: 23 May 2025 19:57

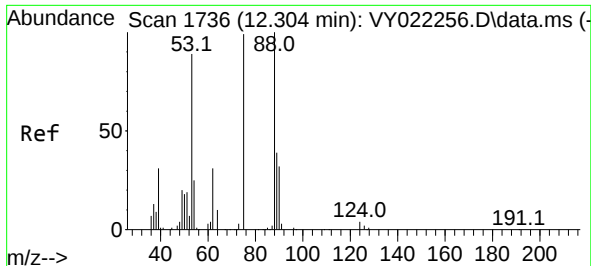
Tgt Ion: 105 Resp: 162475

Ion Ratio Lower Upper

105 100

120 50.6 24.2 72.6

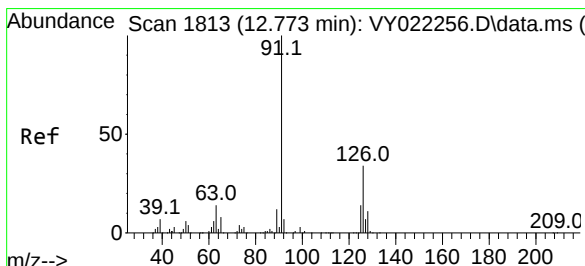
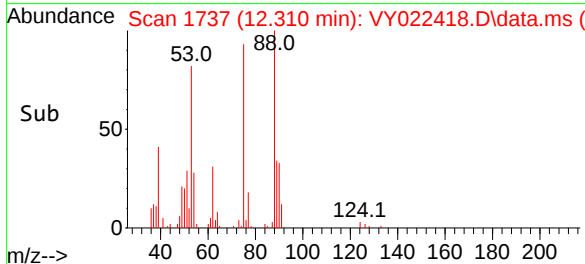
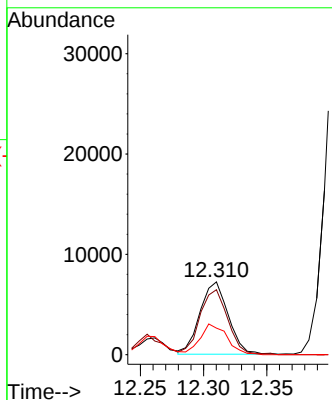
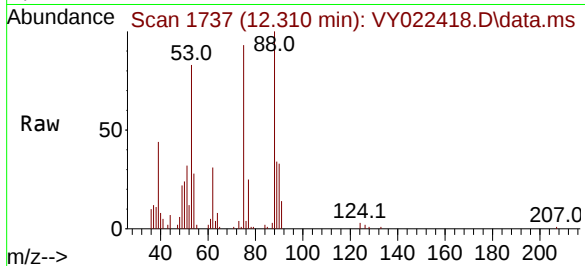




#81
trans-1,4-Dichloro-2-butene
Concen: 17.339 ug/l
RT: 12.310 min Scan# 11173
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

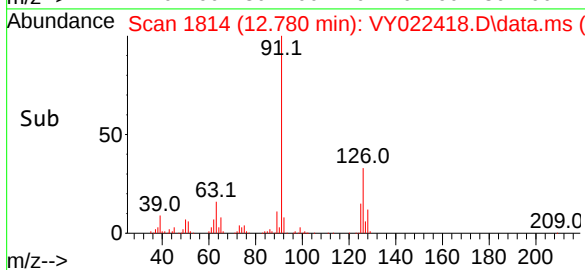
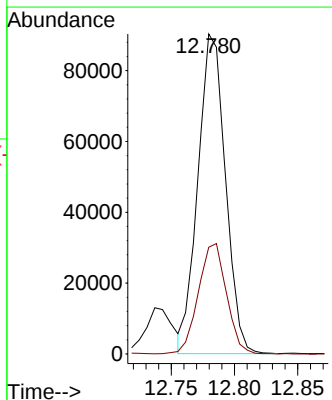
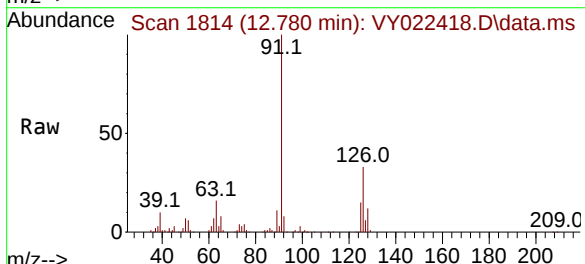
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

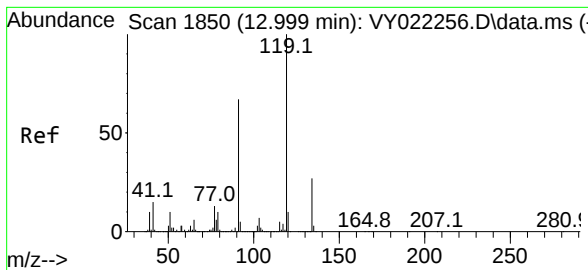
Tgt Ion: 75 Resp: 11173
Ion Ratio Lower Upper
75 100
53 89.5 75.8 113.8
89 39.8 36.2 54.2



#82
4-Chlorotoluene
Concen: 18.789 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion: 91 Resp: 136735
Ion Ratio Lower Upper
91 100
126 35.4 16.8 50.4

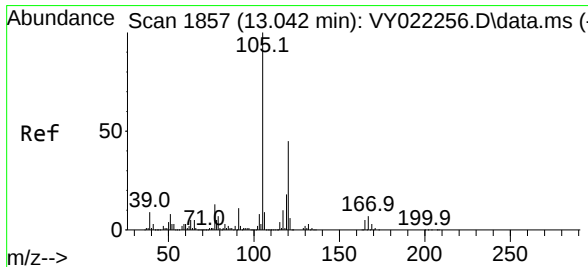
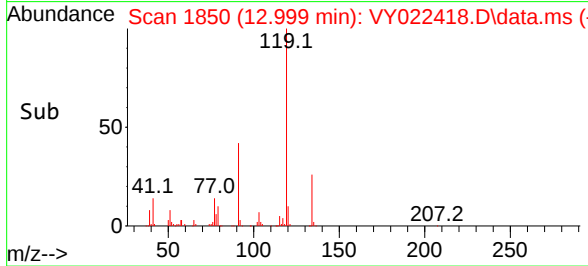
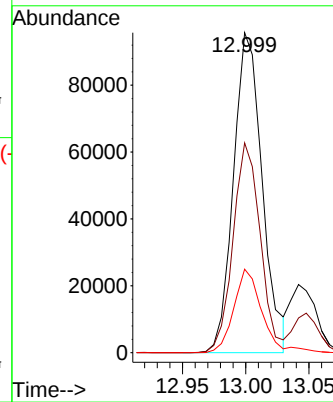
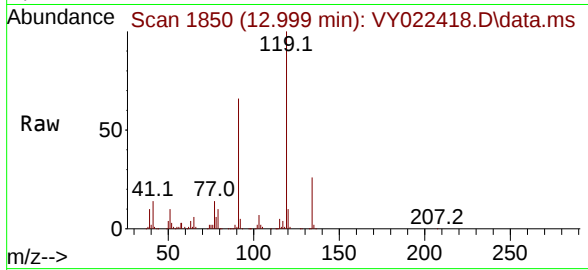




#83
tert-Butylbenzene
Concen: 19.757 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

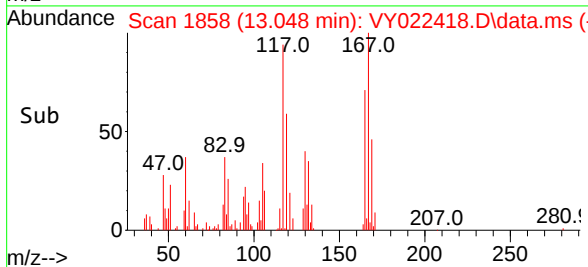
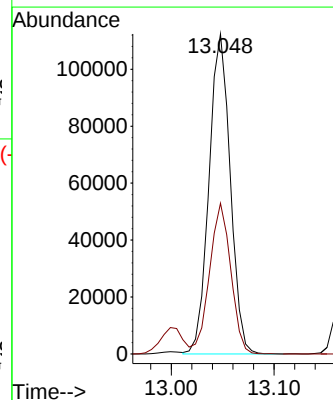
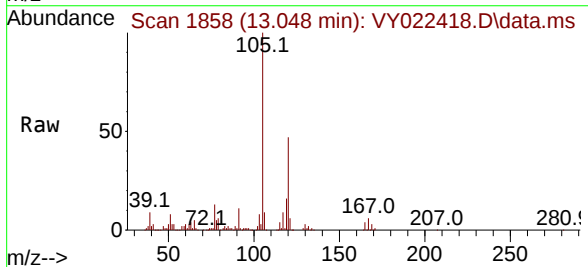
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

Tgt Ion:	119	Resp:	151311
Ion	Ratio	Lower	Upper
119	100		
91	62.2	32.8	98.3
134	25.7	12.9	38.6



#84
1,2,4-Trimethylbenzene
Concen: 18.884 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion:	105	Resp:	161528
Ion	Ratio	Lower	Upper
105	100		
120	47.0	22.3	66.9





#85

sec-Butylbenzene

Concen: 19.796 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

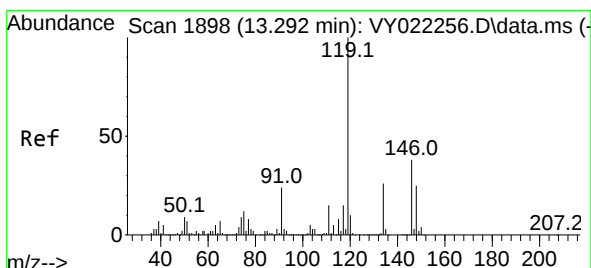
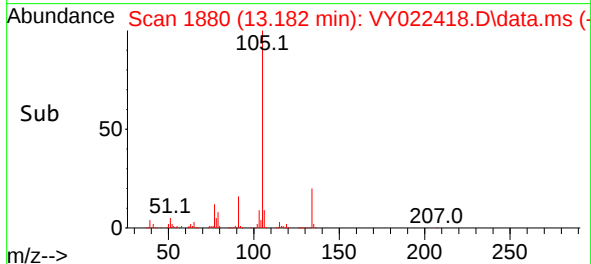
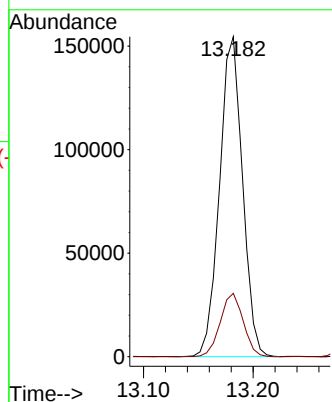
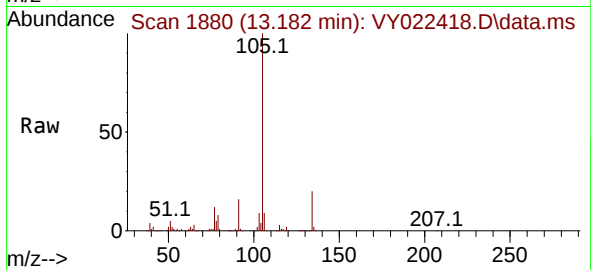
VY0523SBS02

Tgt Ion:105 Resp: 225056

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.5



#86

p-Isopropyltoluene

Concen: 19.002 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

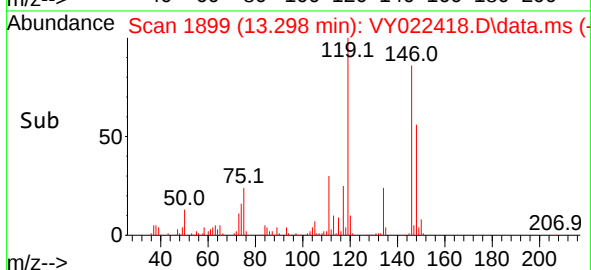
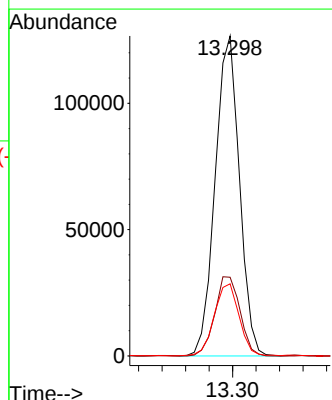
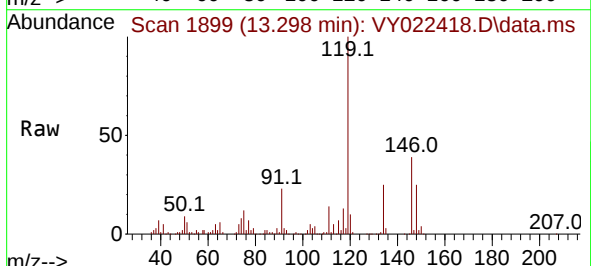
Tgt Ion:119 Resp: 181689

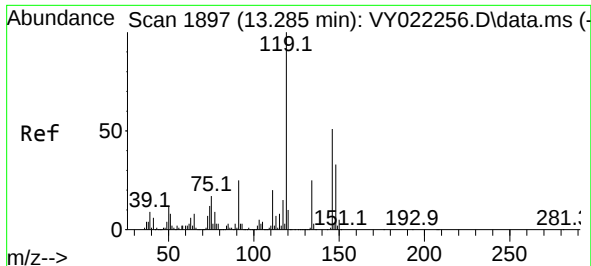
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 23.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.159 ug/l

RT: 13.292 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

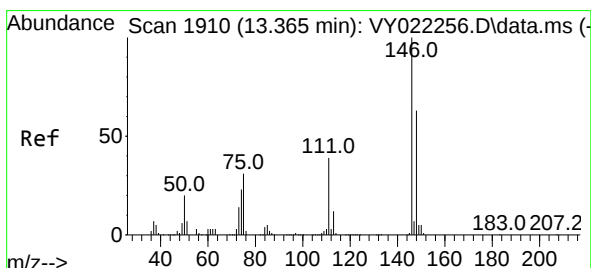
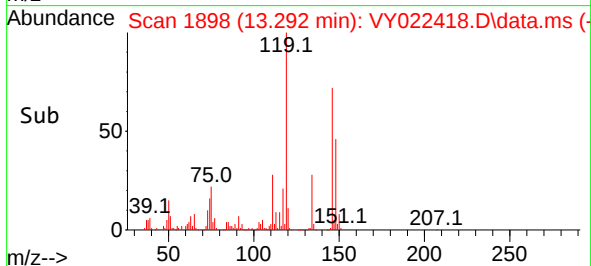
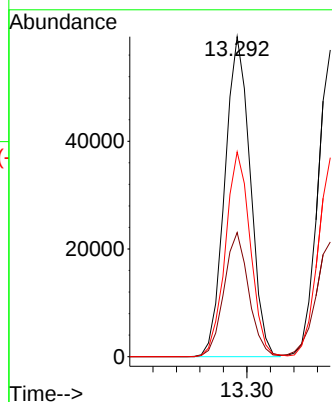
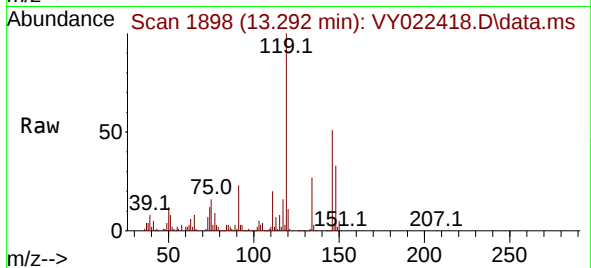
Tgt Ion:146 Resp: 89165

Ion Ratio Lower Upper

146 100

111 37.7 19.9 59.7

148 62.8 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 18.957 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

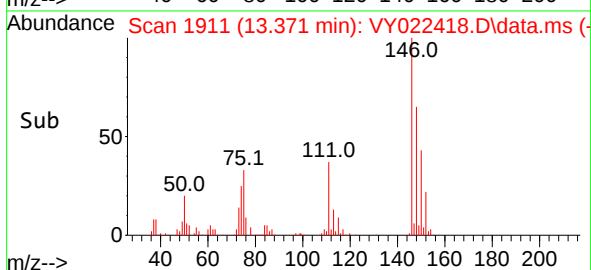
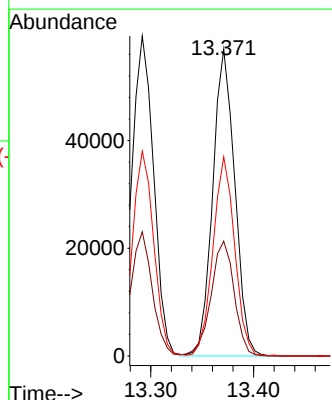
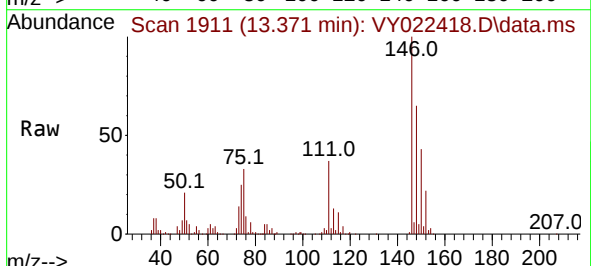
Tgt Ion:146 Resp: 84865

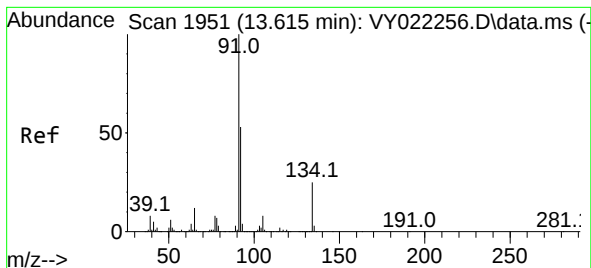
Ion Ratio Lower Upper

146 100

111 39.5 20.0 59.9

148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 19.218 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

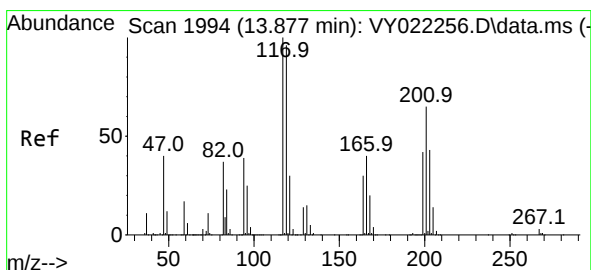
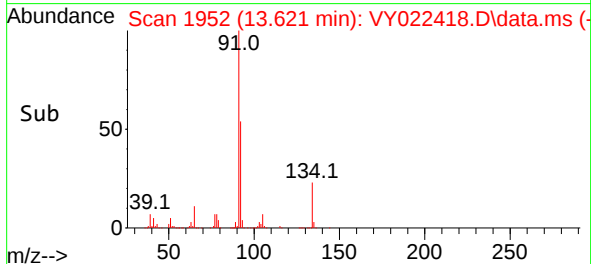
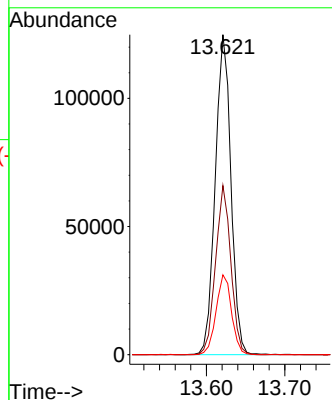
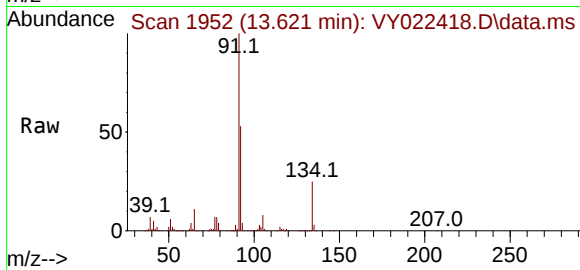
Tgt Ion: 91 Resp: 173834

Ion Ratio Lower Upper

91 100

92 51.6 26.3 78.9

134 24.7 12.4 37.4



#90

Hexachloroethane

Concen: 18.647 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022418.D

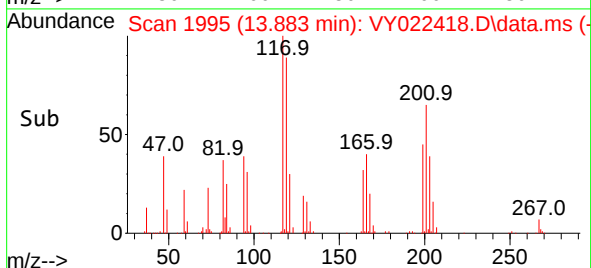
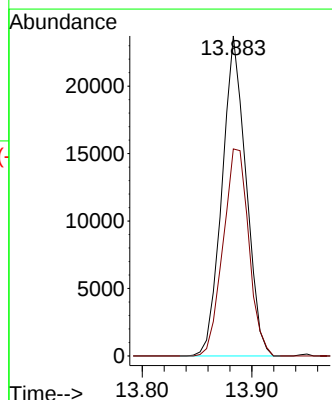
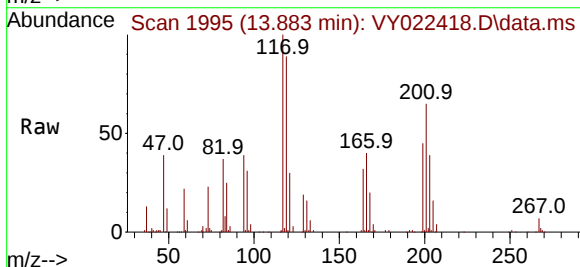
Acq: 23 May 2025 19:57

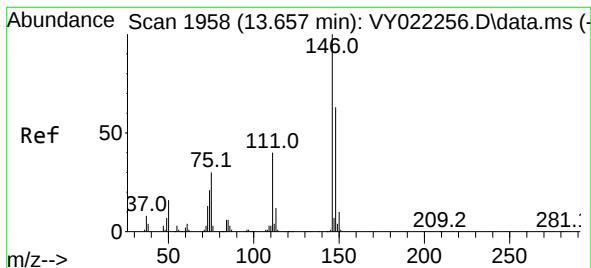
Tgt Ion: 117 Resp: 35991

Ion Ratio Lower Upper

117 100

201 69.5 35.2 105.6





#91

1,2-Dichlorobenzene

Concen: 19.511 ug/l

RT: 13.664 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

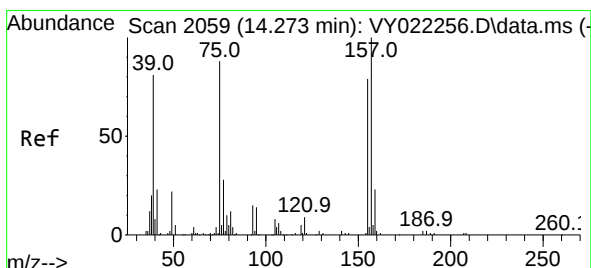
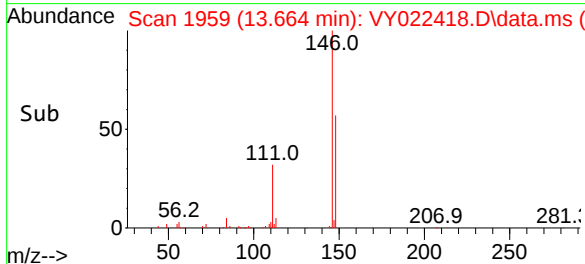
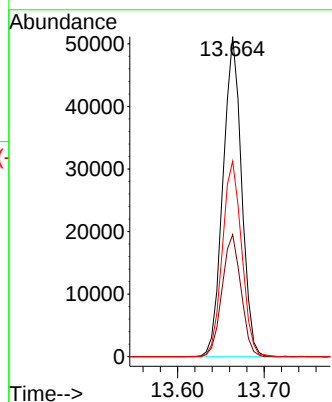
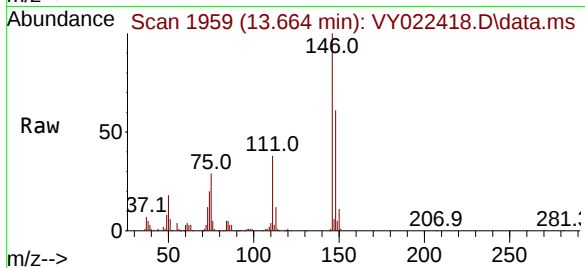
Tgt Ion:146 Resp: 76275

Ion Ratio Lower Upper

146 100

111 38.8 20.5 61.5

148 63.4 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.422 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

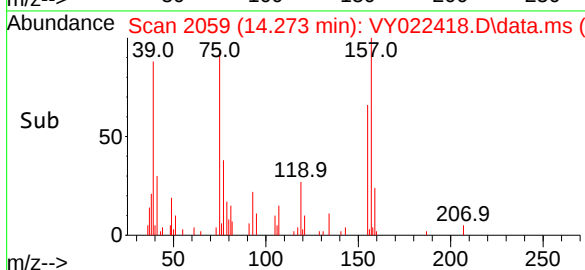
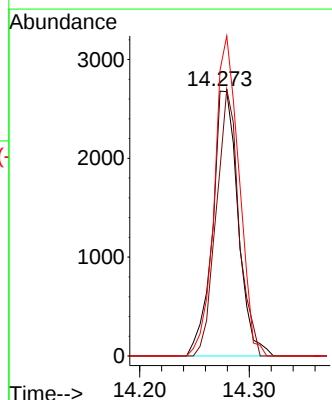
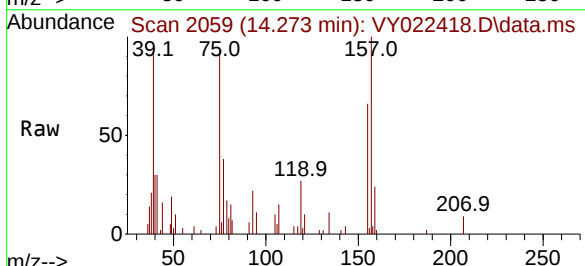
Tgt Ion: 75 Resp: 4347

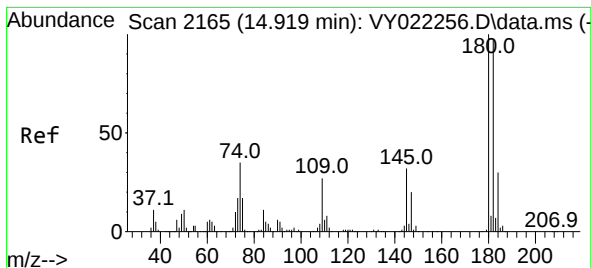
Ion Ratio Lower Upper

75 100

155 88.6 43.4 130.1

157 115.5 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 18.078 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

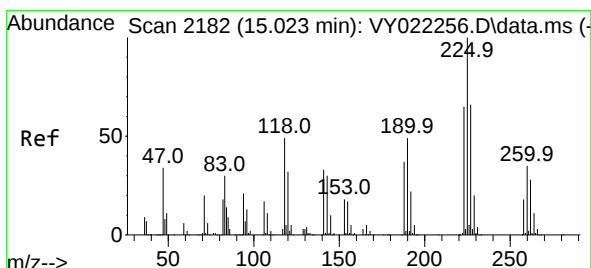
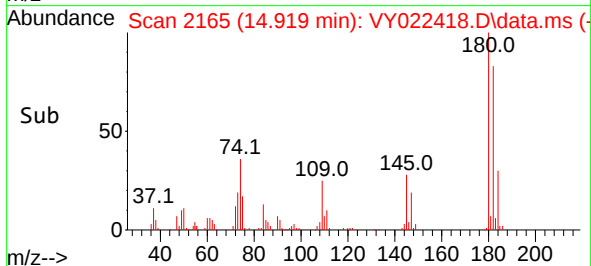
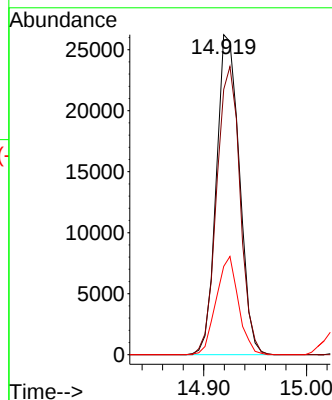
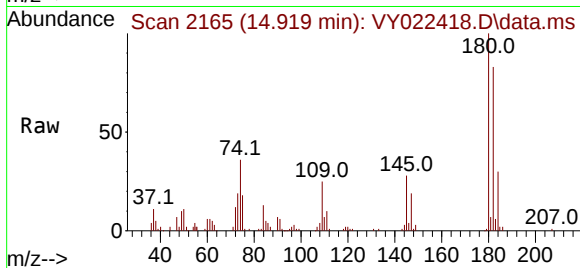
Tgt Ion:180 Resp: 40823

Ion Ratio Lower Upper

180 100

182 91.2 48.0 144.0

145 29.6 15.0 45.1



#94

Hexachlorobutadiene

Concen: 19.282 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

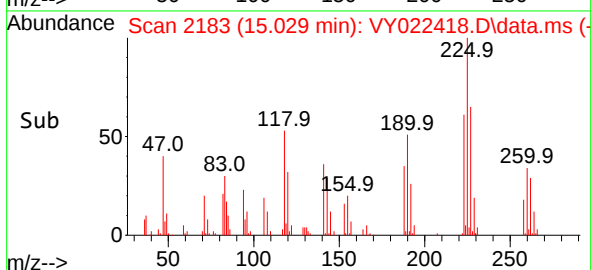
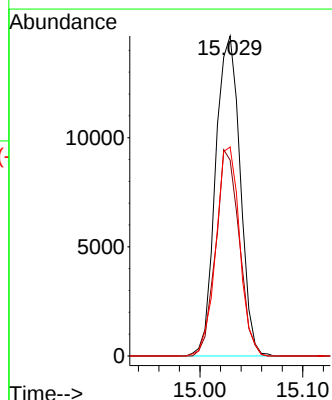
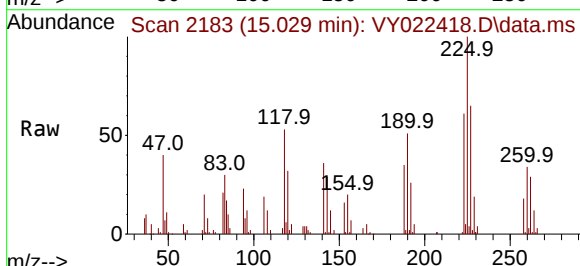
Tgt Ion:225 Resp: 24282

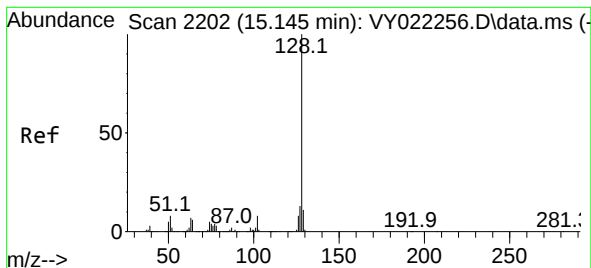
Ion Ratio Lower Upper

225 100

223 61.5 31.5 94.5

227 62.9 32.1 96.3





#95

Naphthalene

Concen: 18.083 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

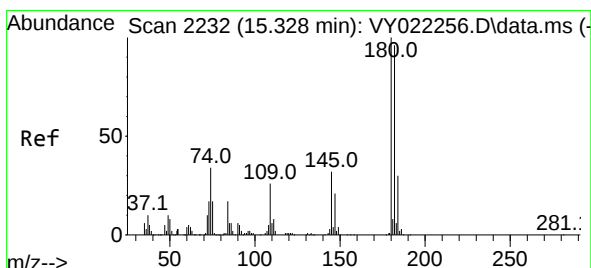
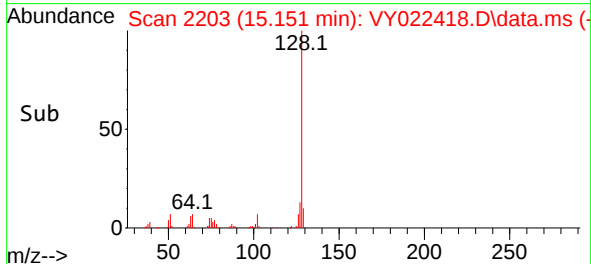
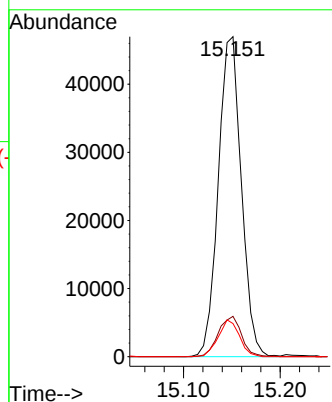
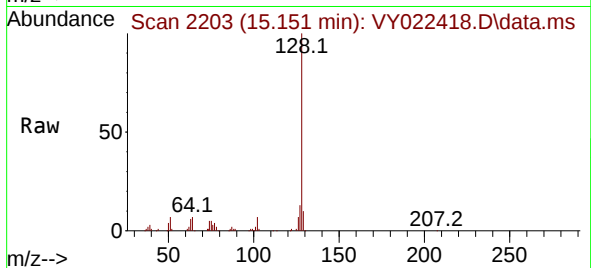
Tgt Ion:128 Resp: 77489

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.065 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Tgt Ion:180 Resp: 34606

Ion Ratio Lower Upper

180 100

182 96.6 47.1 141.3

145 31.6 15.9 47.6

