

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
 Data File : VY022356.D
 Acq On : 21 May 2025 10:35
 Operator : SY/MD
 Sample : VY0521SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS01

Quant Time: May 22 00:05:20 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	164670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	280143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	238357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	110395	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	86818	48.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.480%
35) Dibromofluoromethane	7.640	113	80971	48.426	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.860%
50) Toluene-d8	10.115	98	328068	47.907	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.820%
62) 4-Bromofluorobenzene	12.408	95	98452	45.357	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	34138	19.868	ug/l	98
3) Chloromethane	2.068	50	97076	26.858	ug/l	100
4) Vinyl Chloride	2.208	62	110643	27.399	ug/l	100
5) Bromomethane	2.598	94	122163	37.162	ug/l	99
6) Chloroethane	2.732	64	82714	32.924	ug/l	99
7) Trichlorofluoromethane	3.049	101	101107	24.729	ug/l	98
8) Diethyl Ether	3.464	74	20408	20.799	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	37897	21.351	ug/l	97
10) Methyl Iodide	4.007	142	39030	18.999	ug/l	99
11) Tert butyl alcohol	4.897	59	14356	104.460	ug/l #	100
12) 1,1-Dichloroethene	3.799	96	37155	21.094	ug/l	89
13) Acrolein	3.659	56	12494	62.187	ug/l	95
14) Allyl chloride	4.391	41	57737	18.694	ug/l	96
15) Acrylonitrile	5.067	53	43574	107.777	ug/l	97
16) Acetone	3.885	43	31735	94.042	ug/l	97
17) Carbon Disulfide	4.110	76	116347	20.256	ug/l	99
18) Methyl Acetate	4.391	43	20399	19.173	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	103046	21.217	ug/l	92
20) Methylene Chloride	4.622	84	42530	19.505	ug/l	93
21) trans-1,2-Dichloroethene	5.116	96	39956	20.551	ug/l	93
22) Diisopropyl ether	6.025	45	125549	19.249	ug/l	96
23) Vinyl Acetate	5.970	43	382139	96.982	ug/l	97
24) 1,1-Dichloroethane	5.921	63	74003	20.309	ug/l	97
25) 2-Butanone	6.909	43	54351	96.288	ug/l	98
26) 2,2-Dichloropropane	6.890	77	63731	19.664	ug/l	98
27) cis-1,2-Dichloroethene	6.902	96	47008	20.952	ug/l	97
28) Bromochloromethane	7.256	49	31153	20.044	ug/l	98
29) Tetrahydrofuran	7.274	42	36661	100.953	ug/l	94
30) Chloroform	7.427	83	72715	20.805	ug/l	97
31) Cyclohexane	7.707	56	70259	19.298	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	64315	20.057	ug/l	99
36) 1,1-Dichloropropene	7.841	75	54176	19.671	ug/l	98
37) Ethyl Acetate	6.994	43	25337	19.120	ug/l	97
38) Carbon Tetrachloride	7.823	117	56336	19.762	ug/l	100
39) Methylcyclohexane	9.115	83	71670	19.370	ug/l	98
40) Benzene	8.085	78	164958	20.204	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	13925	15.842	ug/l #	55
42) 1,2-Dichloroethane	8.164	62	45120	20.436	ug/l	100
43) Isopropyl Acetate	8.207	43	56123	19.420	ug/l	98
44) Trichloroethene	8.872	130	40988	20.191	ug/l	98
45) 1,2-Dichloropropane	9.146	63	39052	19.840	ug/l	97
46) Dibromomethane	9.237	93	21913	20.640	ug/l	98
47) Bromodichloromethane	9.426	83	55778	20.252	ug/l	97
48) Methyl methacrylate	9.225	41	25313	18.730	ug/l	95
49) 1,4-Dioxane	9.250	88	4878	406.715	ug/l	92
51) 4-Methyl-2-Pentanone	10.006	43	136690	96.396	ug/l	98
52) Toluene	10.176	92	103033	19.929	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	52044	19.362	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	61214	19.878	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	28278	20.800	ug/l	98
56) Ethyl methacrylate	10.444	69	41124	19.419	ug/l	98
57) 1,3-Dichloropropane	10.725	76	49500	20.493	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	80930	85.143	ug/l	99
59) 2-Hexanone	10.768	43	91150	95.872	ug/l	97
60) Dibromochloromethane	10.914	129	36605	20.744	ug/l	98
61) 1,2-Dibromoethane	11.018	107	26112	20.608	ug/l	99
64) Tetrachloroethene	10.652	164	44880	20.371	ug/l	98
65) Chlorobenzene	11.450	112	108362	20.151	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	36004	19.475	ug/l	98
67) Ethyl Benzene	11.524	91	194067	19.270	ug/l	98
68) m/p-Xylenes	11.633	106	146681	38.652	ug/l	98
69) o-Xylene	11.956	106	69558	19.373	ug/l	97
70) Styrene	11.975	104	115812	19.122	ug/l	98
71) Bromoform	12.139	173	19242	19.283	ug/l #	97
73) Isopropylbenzene	12.261	105	181695	19.867	ug/l	99
74) N-amyl acetate	12.078	43	50097	19.152	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	29384	20.891	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	43056	38.497	ug/l #	100
77) Bromobenzene	12.536	156	39412	20.177	ug/l	99
78) n-propylbenzene	12.603	91	219624	19.909	ug/l	100
79) 2-Chlorotoluene	12.682	91	118240	19.504	ug/l	97
80) 1,3,5-Trimethylbenzene	12.743	105	143263	19.405	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	10533	19.078	ug/l	98
82) 4-Chlorotoluene	12.779	91	118914	19.071	ug/l	97
83) tert-Butylbenzene	13.005	119	130367	19.867	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	142961	19.507	ug/l	97
85) sec-Butylbenzene	13.182	105	192742	19.787	ug/l	100
86) p-Isopropyltoluene	13.298	119	157967	19.282	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	77746	19.497	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	76937	20.058	ug/l	100
89) n-Butylbenzene	13.621	91	152333	19.655	ug/l	99
90) Hexachloroethane	13.883	117	31863	19.268	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	67362	20.111	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4571	20.154	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	38942	20.127	ug/l	98
94) Hexachlorobutadiene	15.029	225	20290	18.805	ug/l	95
95) Naphthalene	15.151	128	74806	20.374	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	32242	19.644	ug/l	97

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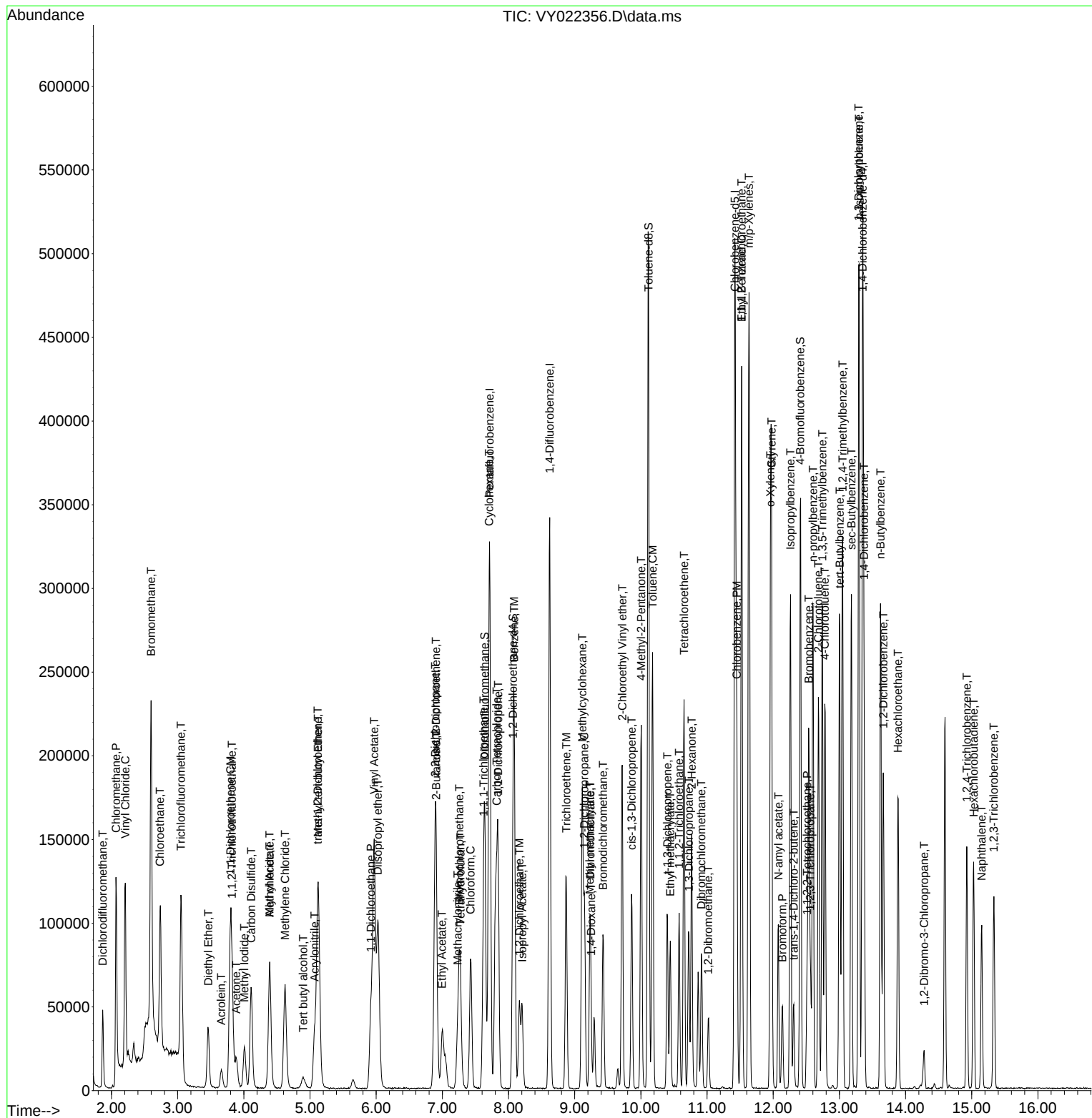
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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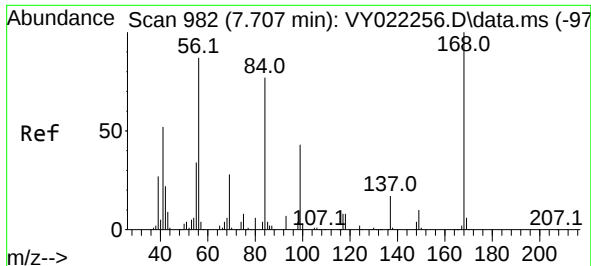
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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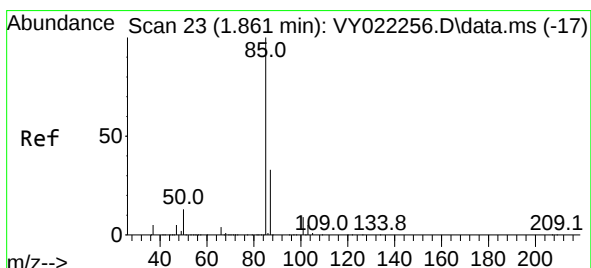
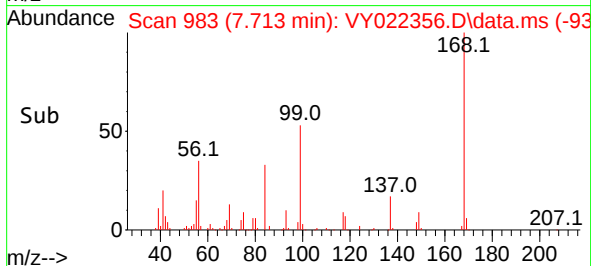
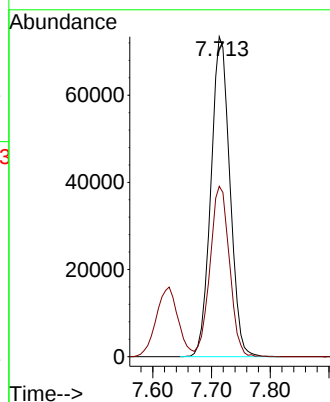
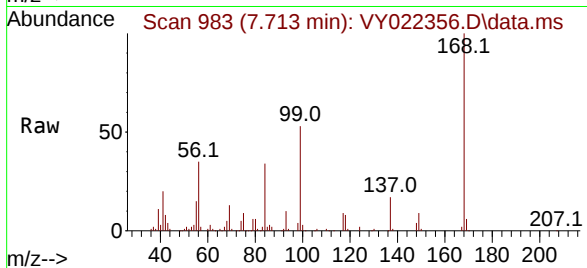




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
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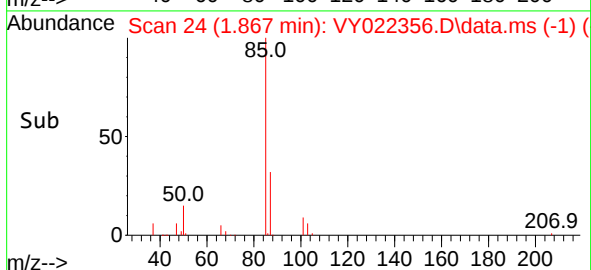
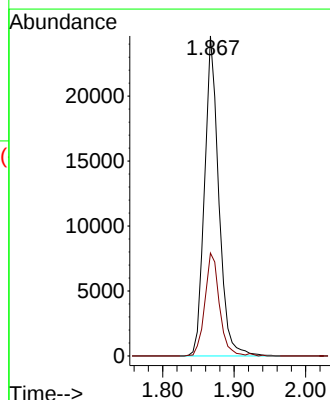
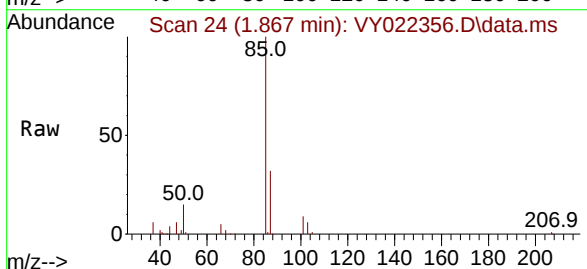
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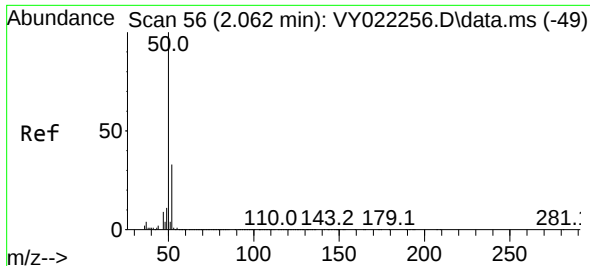
Tgt Ion:168 Resp: 164670
Ion Ratio Lower Upper
168 100
99 53.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 19.868 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion: 85 Resp: 34138
Ion Ratio Lower Upper
85 100
87 32.1 16.5 49.5

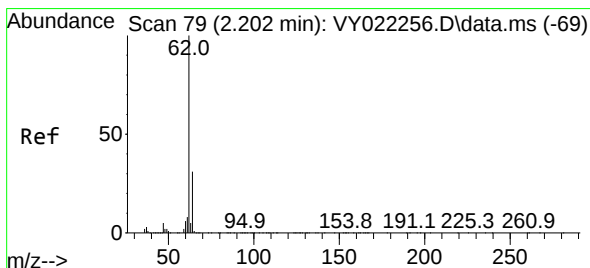
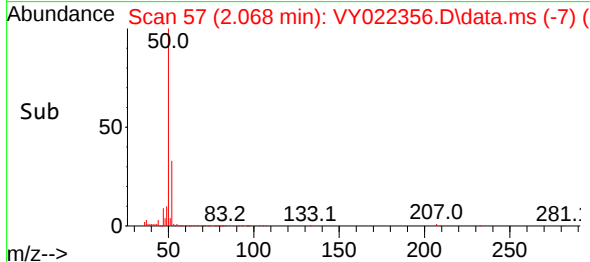
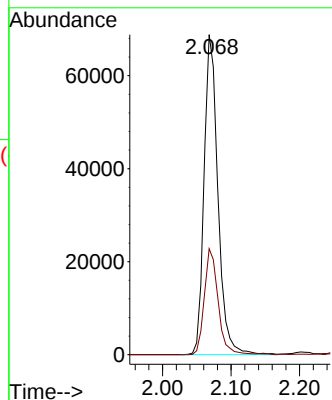
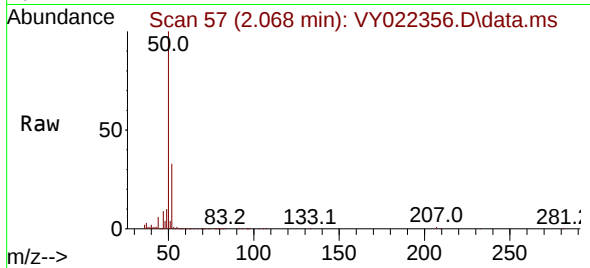




#3
Chloromethane
Concen: 26.858 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

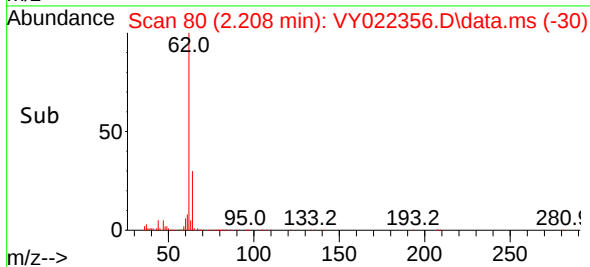
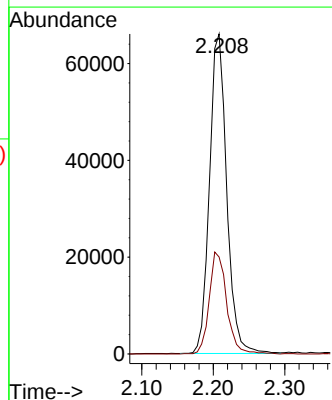
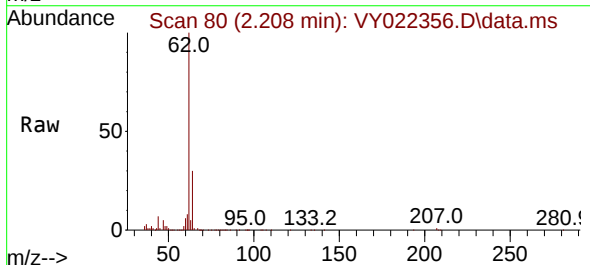
Instrument :
MSVOA_Y
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Tgt Ion: 50 Resp: 97076
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7



#4
Vinyl Chloride
Concen: 27.399 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion: 62 Resp: 110643
Ion Ratio Lower Upper
62 100
64 30.3 24.5 36.7

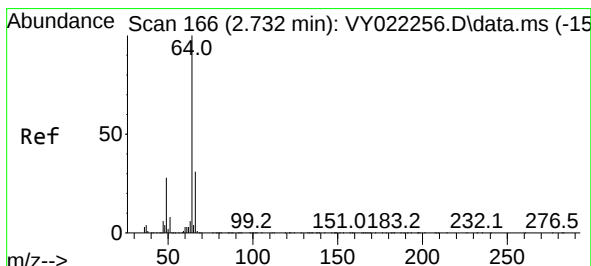
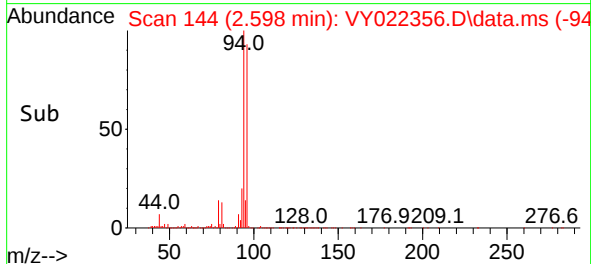
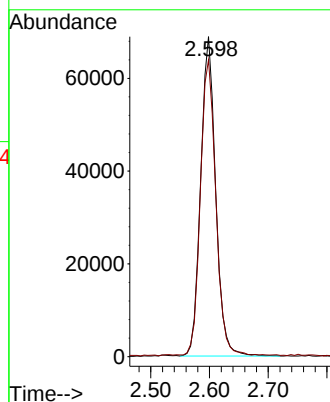
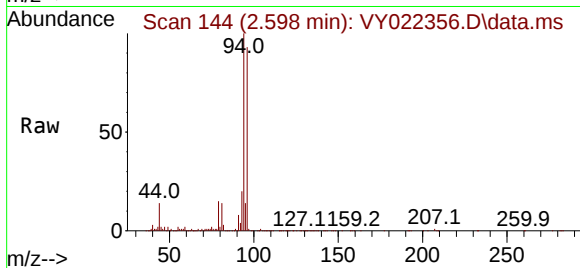




#5
Bromomethane
Concen: 37.162 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY022356.D
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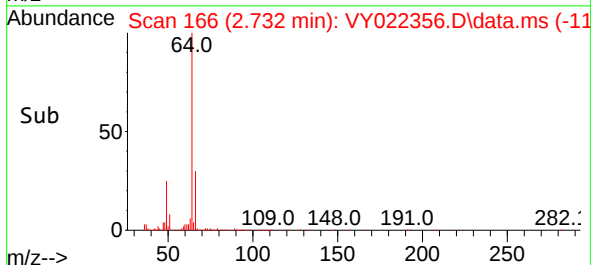
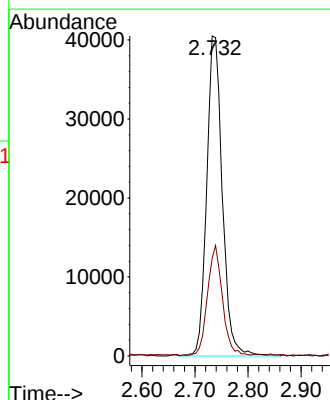
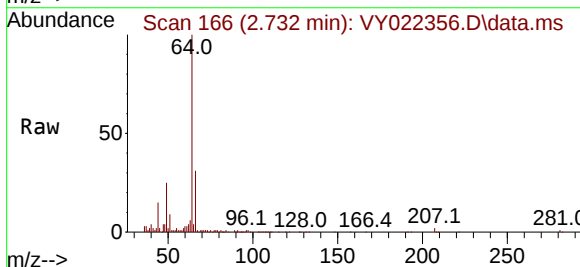
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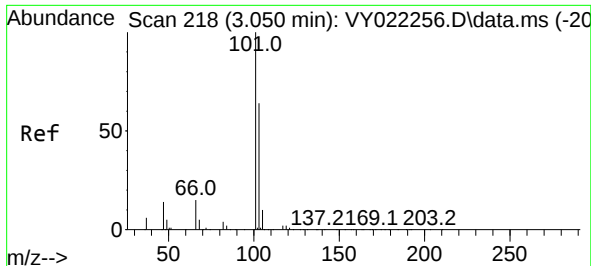
Tgt Ion: 94 Resp: 122163
Ion Ratio Lower Upper
94 100
96 92.5 73.4 110.0



#6
Chloroethane
Concen: 32.924 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022356.D
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Tgt Ion: 64 Resp: 82714
Ion Ratio Lower Upper
64 100
66 30.4 24.8 37.2

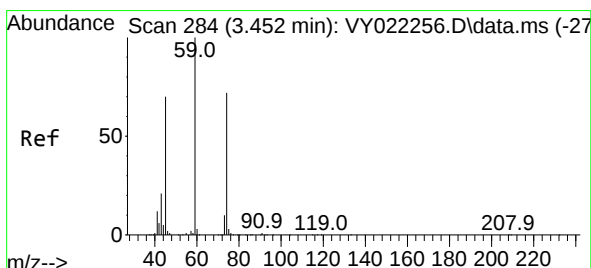
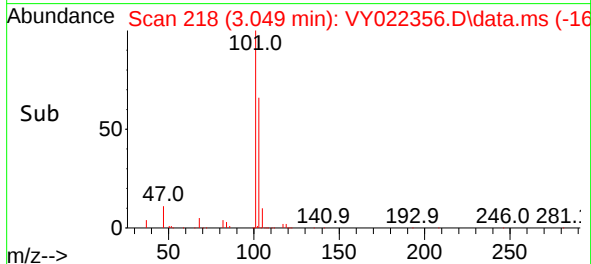
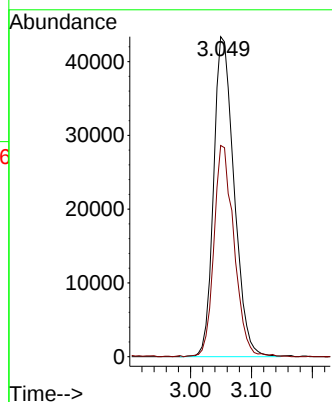
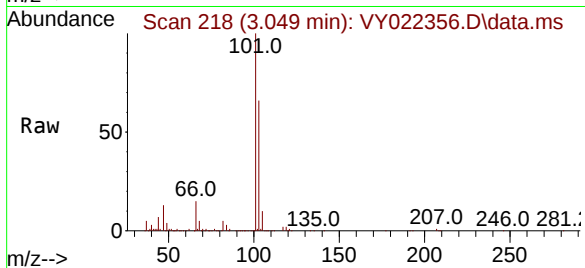




#7
 Trichlorofluoromethane
 Concen: 24.729 ug/l
 RT: 3.049 min Scan# 218
 Delta R.T. -0.000 min
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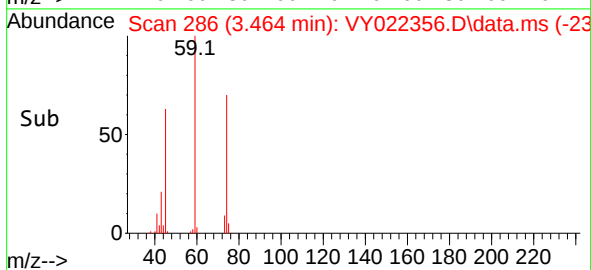
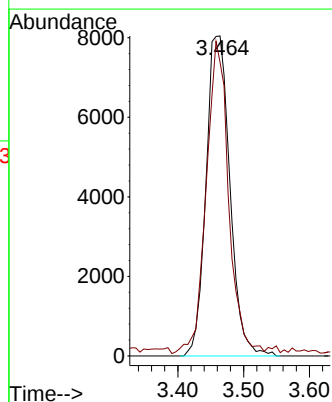
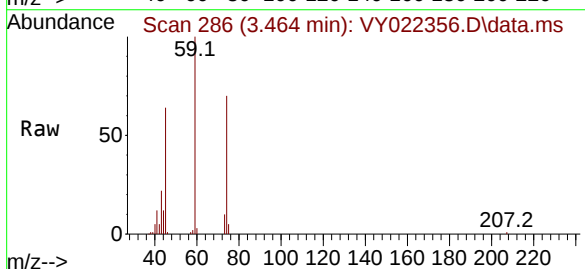
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Tgt Ion:101 Resp: 101107
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.7 77.5



#8
 Diethyl Ether
 Concen: 20.799 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.012 min
 Lab File: VY022356.D
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Tgt Ion: 74 Resp: 20408
 Ion Ratio Lower Upper
 74 100
 45 90.8 48.6 145.8

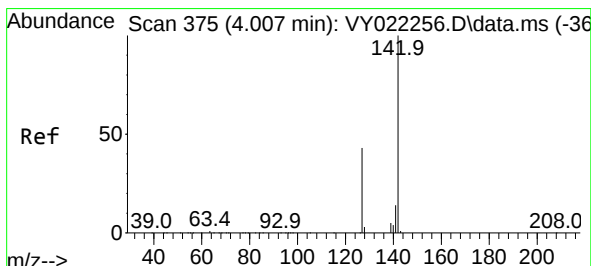
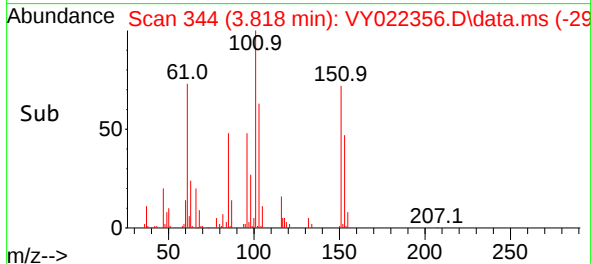
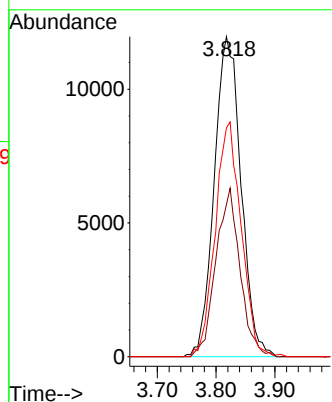
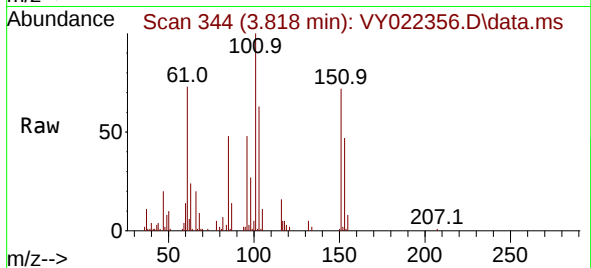




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.351 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

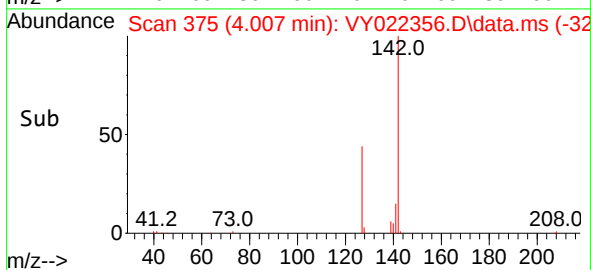
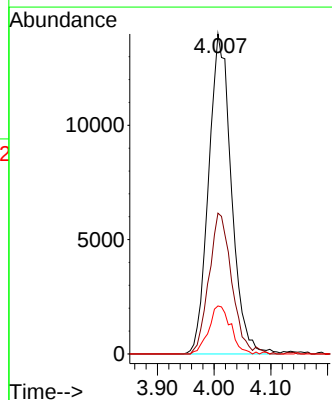
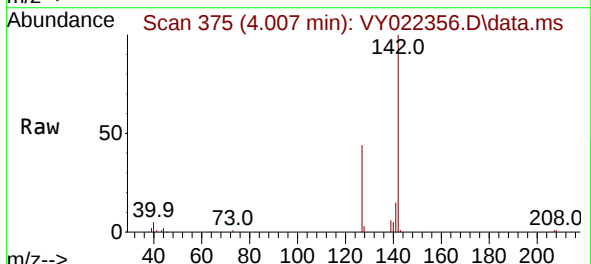
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

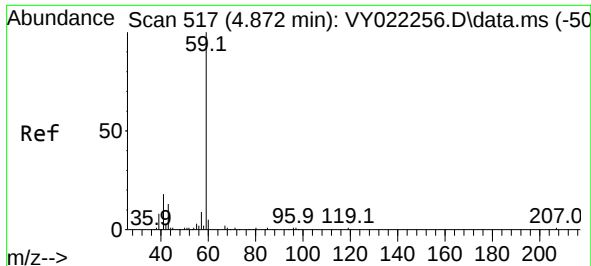
Tgt Ion:101 Resp: 37897
Ion Ratio Lower Upper
101 100
85 47.7 38.6 58.0
151 71.3 59.7 89.5



#10
Methyl Iodide
Concen: 18.999 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion:142 Resp: 39030
Ion Ratio Lower Upper
142 100
127 44.2 35.7 53.5
141 14.5 11.1 16.7

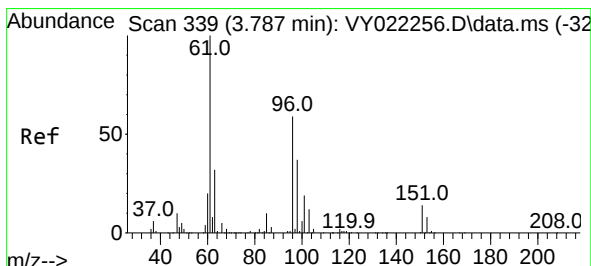
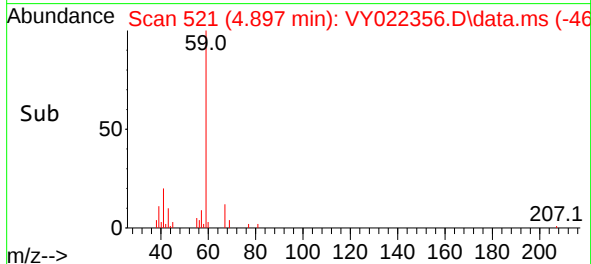
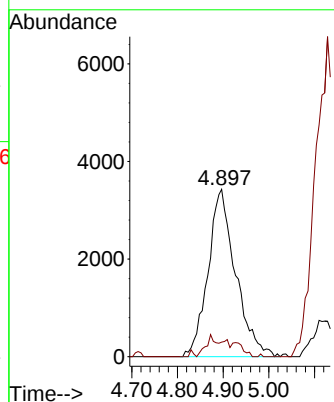
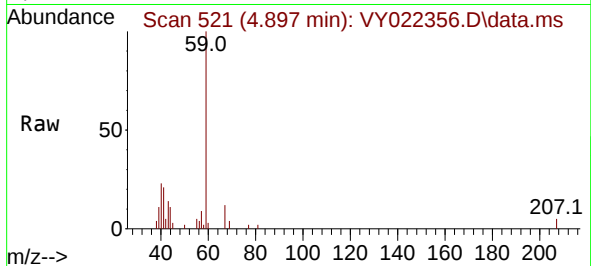




#11
Tert butyl alcohol
Concen: 104.460 ug/l
RT: 4.897 min Scan# 517
Delta R.T. 0.024 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

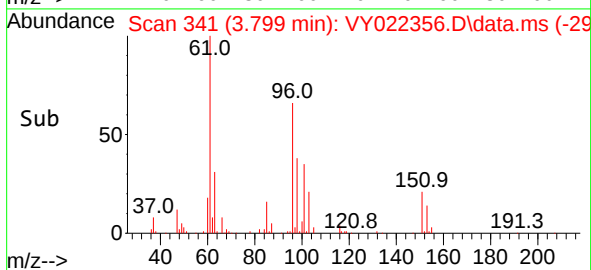
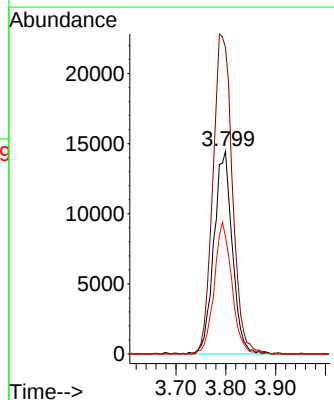
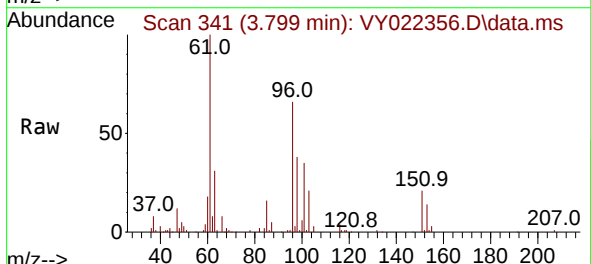
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

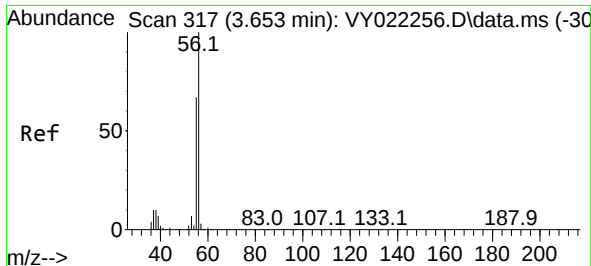
Tgt Ion: 59 Resp: 14356
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#12
1,1-Dichloroethene
Concen: 21.094 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion: 96 Resp: 37155
Ion Ratio Lower Upper
96 100
61 151.0 134.9 202.3
98 57.9 49.9 74.9





#13

Acrolein

Concen: 62.187 ug/l

RT: 3.659 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

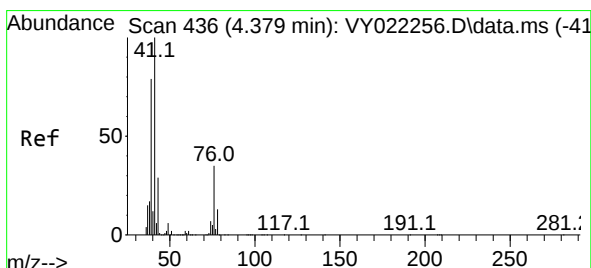
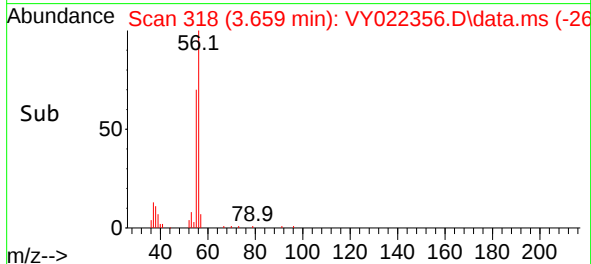
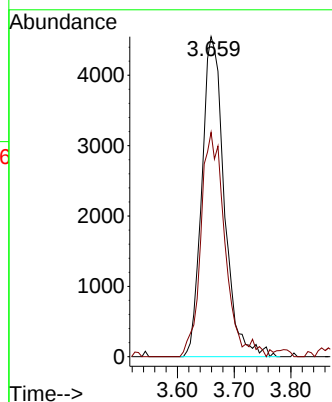
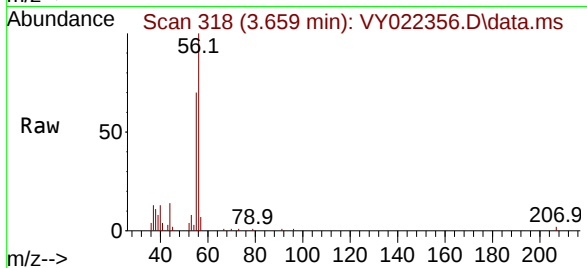
VY0521SBS01

Tgt Ion: 56 Resp: 12494

Ion Ratio Lower Upper

56 100

55 73.7 55.6 83.4



#14

Allyl chloride

Concen: 18.694 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

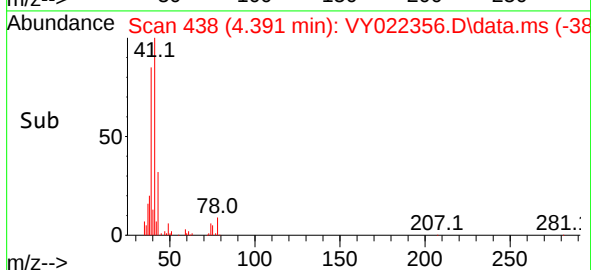
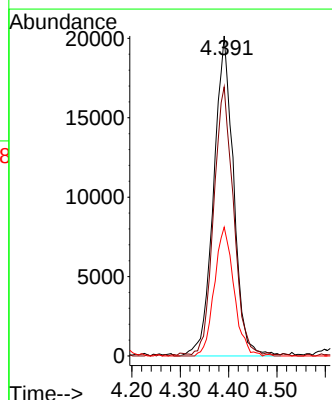
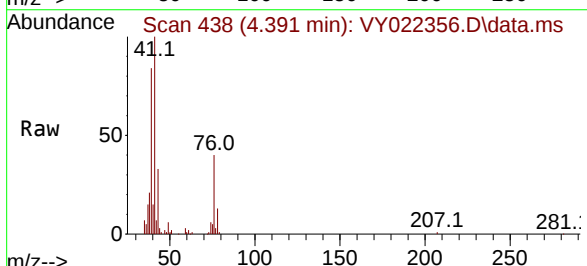
Tgt Ion: 41 Resp: 57737

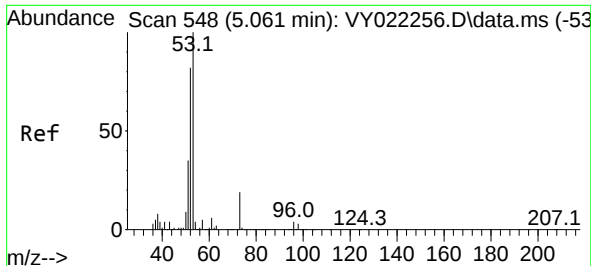
Ion Ratio Lower Upper

41 100

39 82.6 63.4 95.0

76 39.4 29.5 44.3

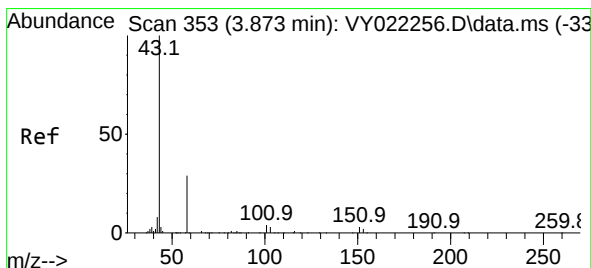
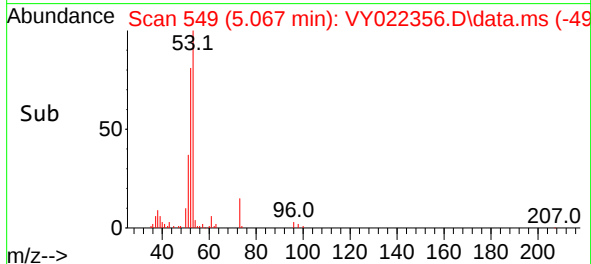
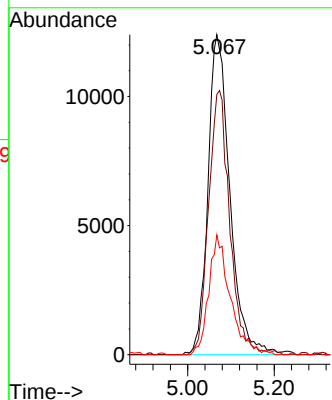
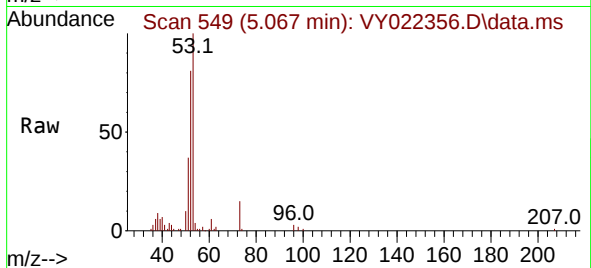




#15
Acrylonitrile
Concen: 107.777 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

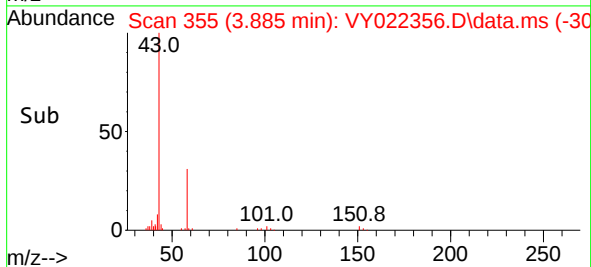
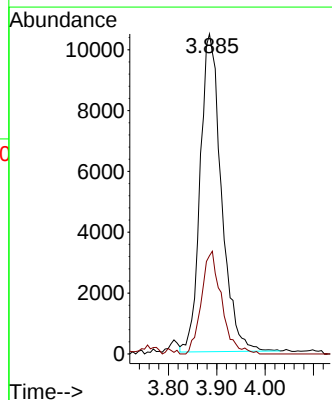
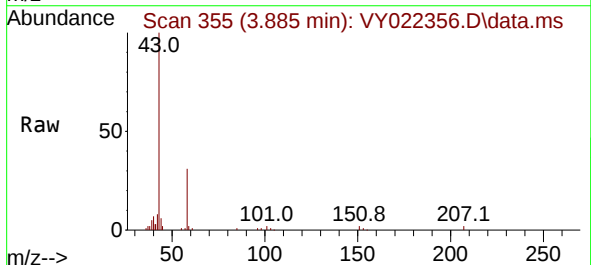
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

Tgt Ion: 53 Resp: 43574
Ion Ratio Lower Upper
53 100
52 79.5 66.1 99.1
51 36.7 30.0 45.0



#16
Acetone
Concen: 94.042 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion: 43 Resp: 31735
Ion Ratio Lower Upper
43 100
58 31.0 23.6 35.4

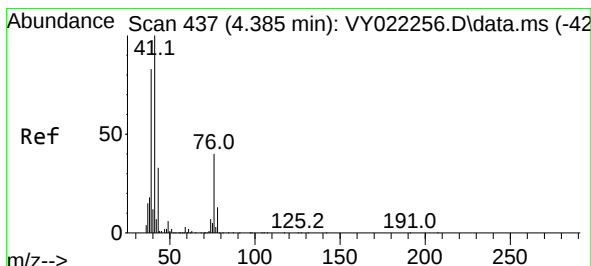
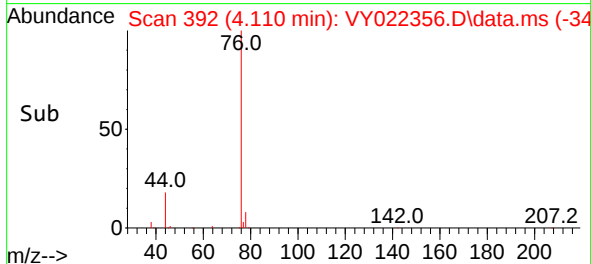
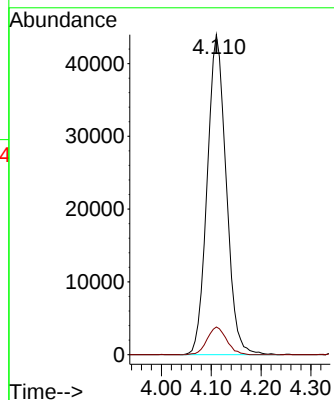
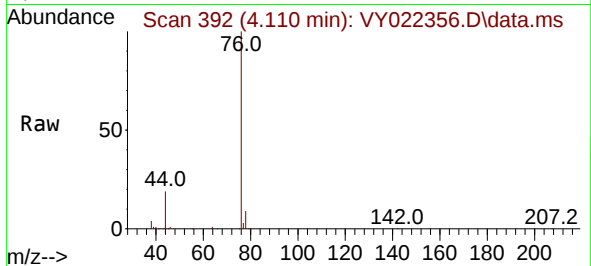




#17
Carbon Disulfide
Concen: 20.256 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

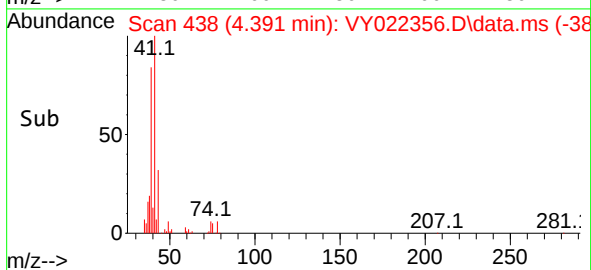
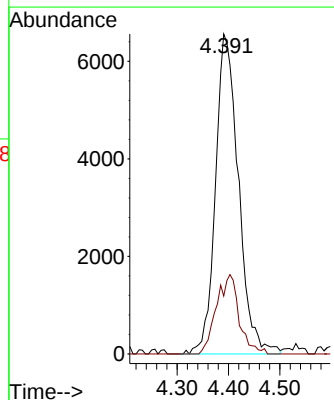
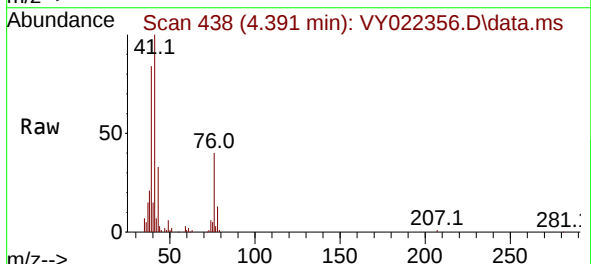
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

Tgt Ion: 76 Resp: 116347
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 19.173 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion: 43 Resp: 20399
Ion Ratio Lower Upper
43 100
74 24.4 18.2 27.4

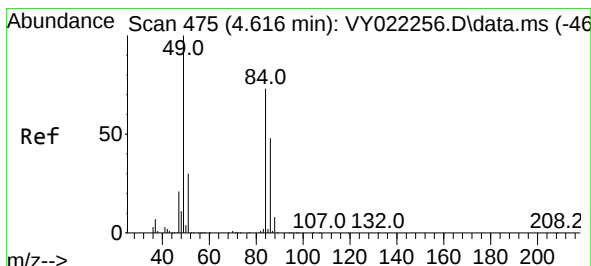
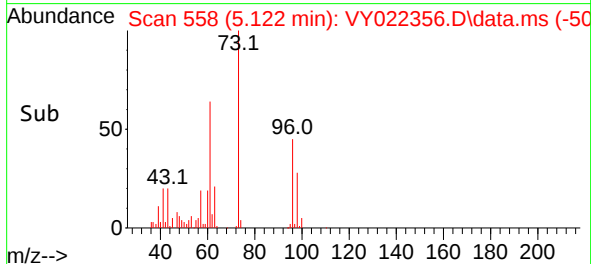
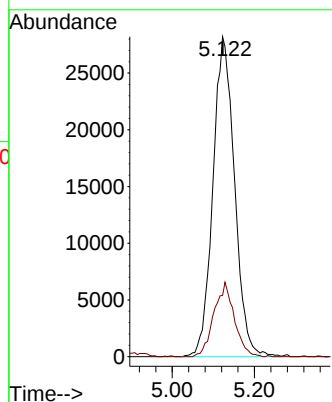
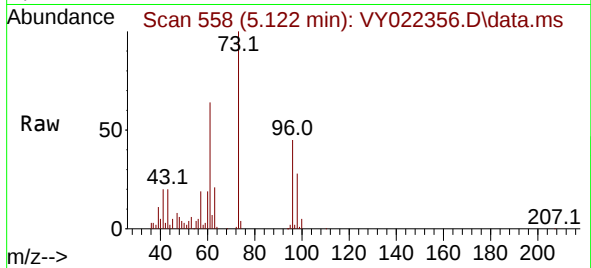




#19
Methyl tert-butyl Ether
Concen: 21.217 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

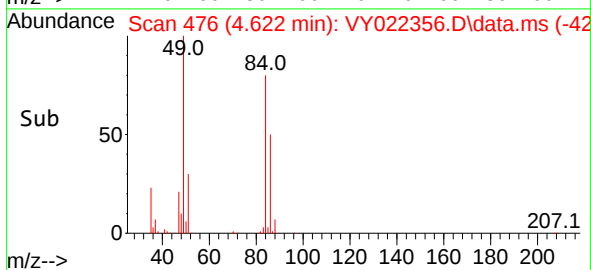
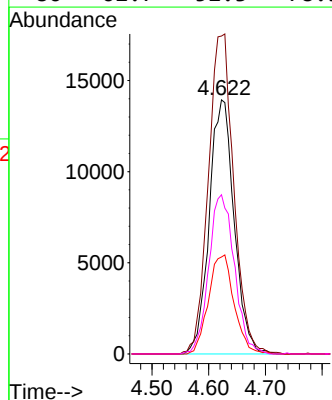
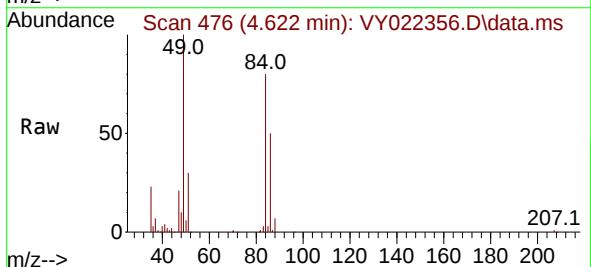
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

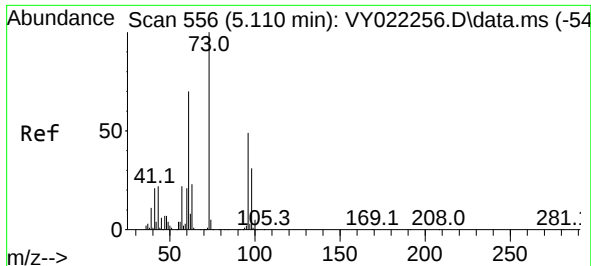
Tgt Ion: 73 Resp: 103046
Ion Ratio Lower Upper
73 100
57 19.2 18.6 28.0



#20
Methylene Chloride
Concen: 19.505 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion: 84 Resp: 42530
Ion Ratio Lower Upper
84 100
49 125.1 109.6 164.4
51 38.2 32.4 48.6
86 62.7 52.3 78.5

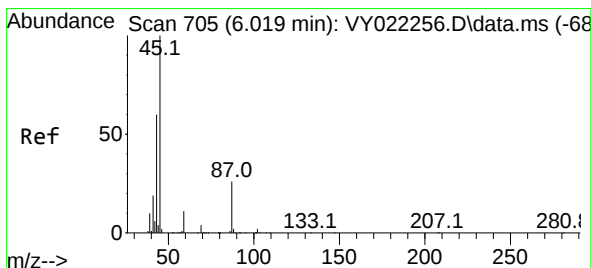
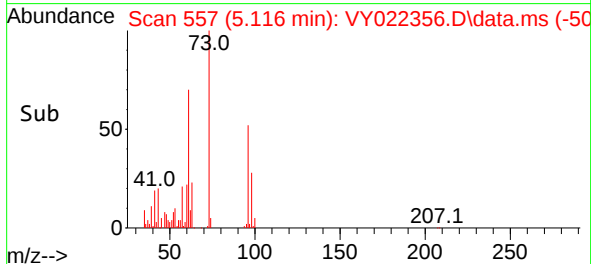
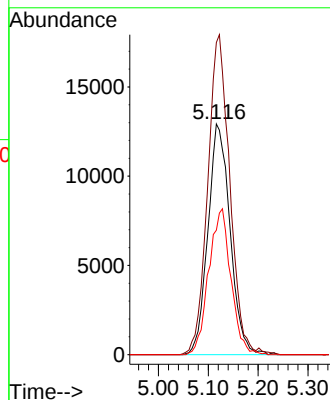
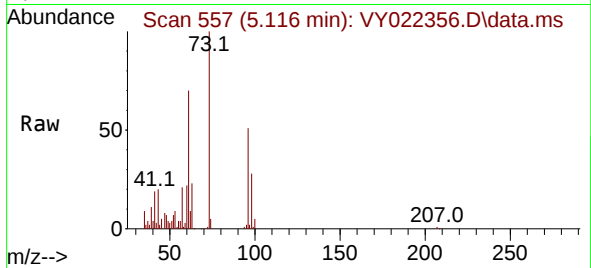




#21
trans-1,2-Dichloroethene
Concen: 20.551 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

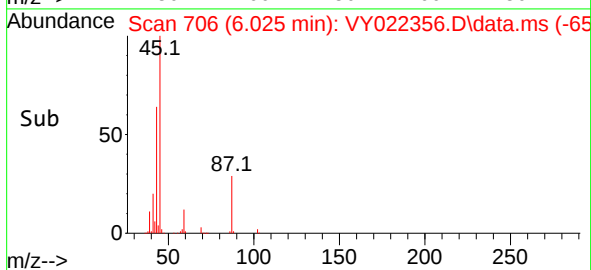
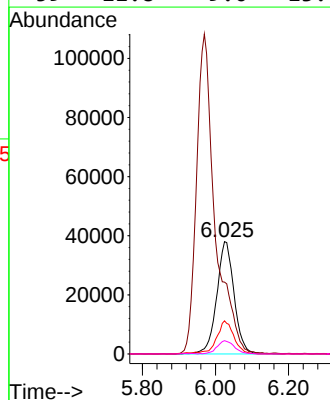
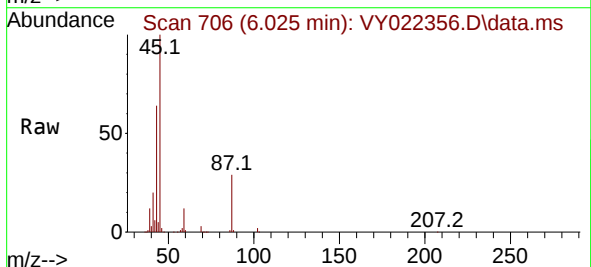
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

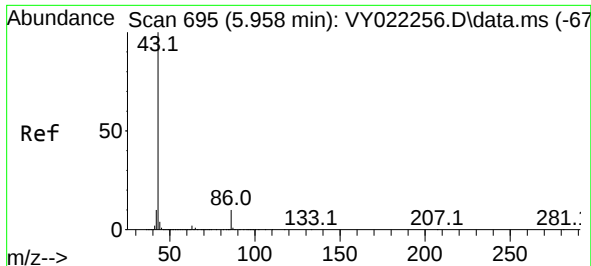
Tgt Ion: 96 Resp: 39956
Ion Ratio Lower Upper
96 100
61 135.3 113.4 170.0
98 54.0 50.9 76.3



#22
Diisopropyl ether
Concen: 19.249 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion: 45 Resp: 125549
Ion Ratio Lower Upper
45 100
43 63.6 48.2 72.2
87 29.4 21.4 32.0
59 11.8 9.0 13.4

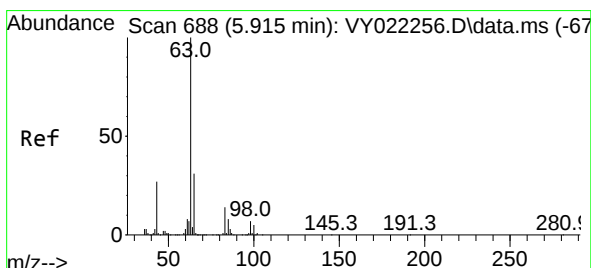
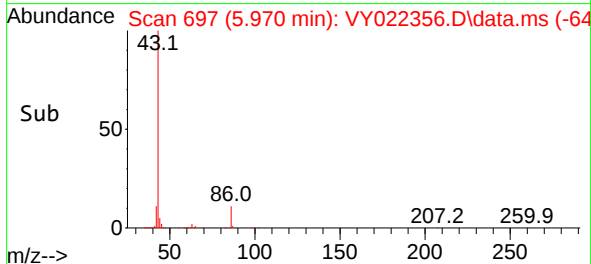
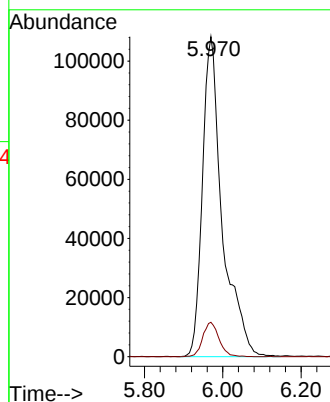
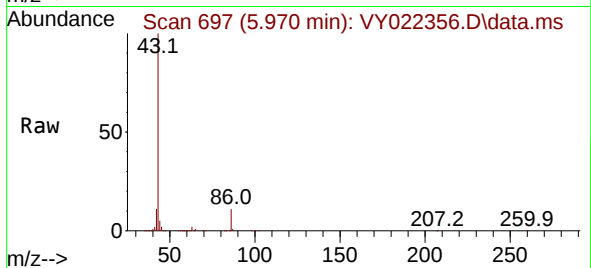




#23
 Vinyl Acetate
 Concen: 96.982 ug/l
 RT: 5.970 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY022356.D
 Acq: 21 May 2025 10:35

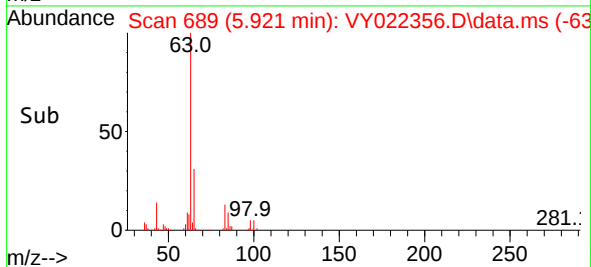
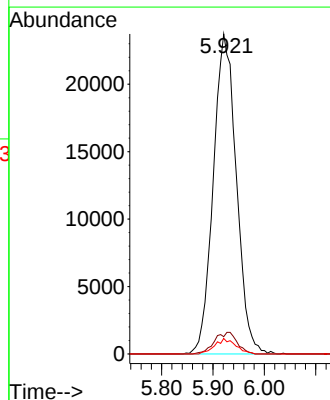
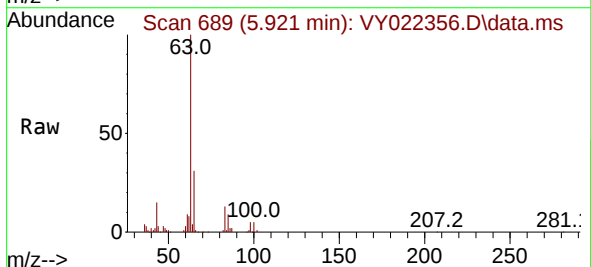
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS01

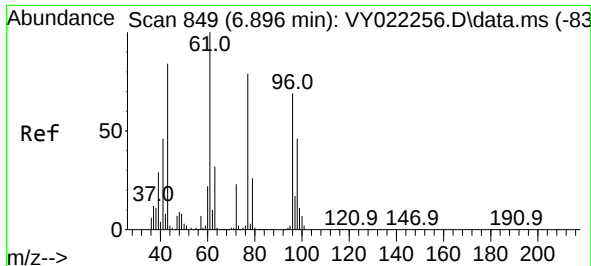
Tgt Ion: 43 Resp: 382139
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.309 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY022356.D
 Acq: 21 May 2025 10:35

Tgt Ion: 63 Resp: 74003
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.5 10.5
 100 4.8 2.4 7.2





#25

2-Butanone

Concen: 96.288 ug/l

RT: 6.909 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

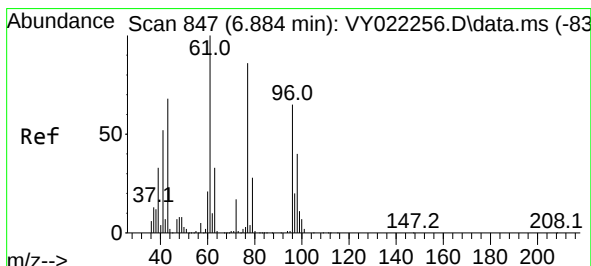
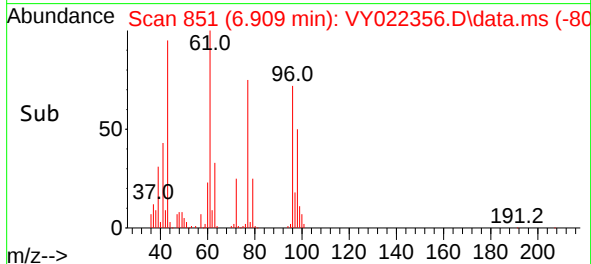
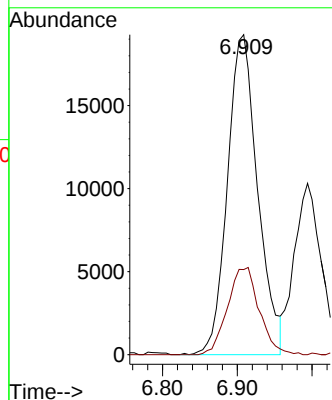
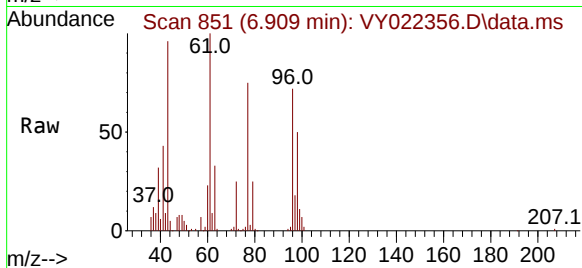
VY0521SBS01

Tgt Ion: 43 Resp: 54351

Ion Ratio Lower Upper

43 100

72 26.6 22.1 33.1



#26

2,2-Dichloropropane

Concen: 19.664 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY022356.D

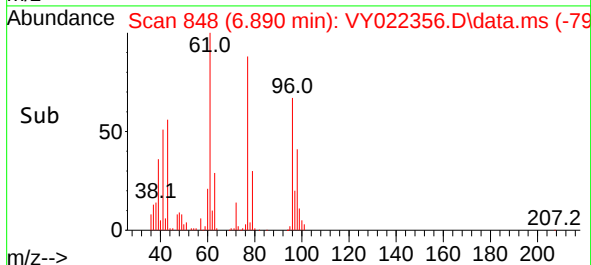
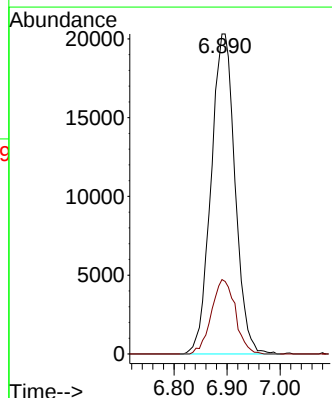
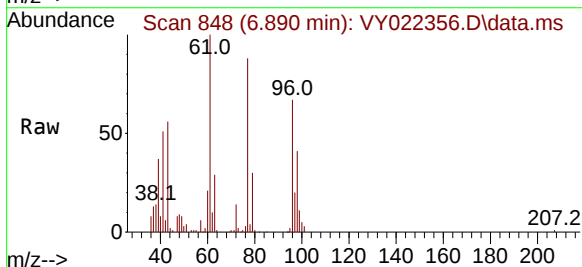
Acq: 21 May 2025 10:35

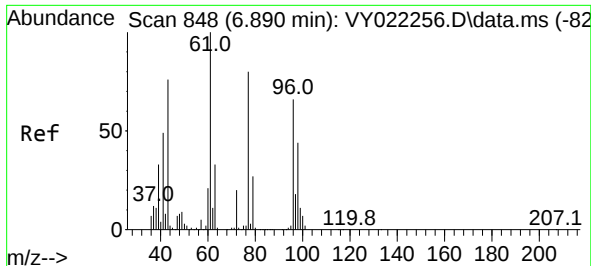
Tgt Ion: 77 Resp: 63731

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.5

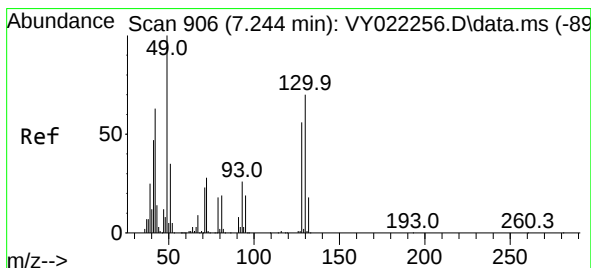
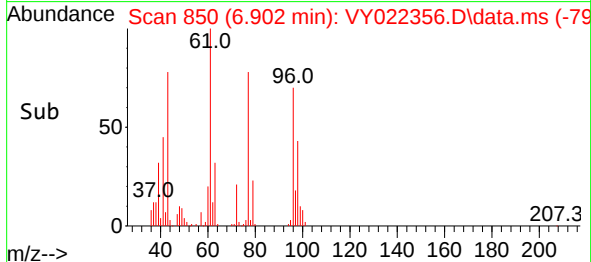
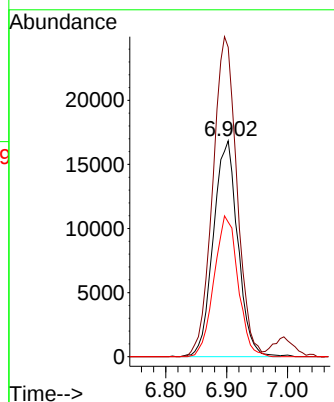
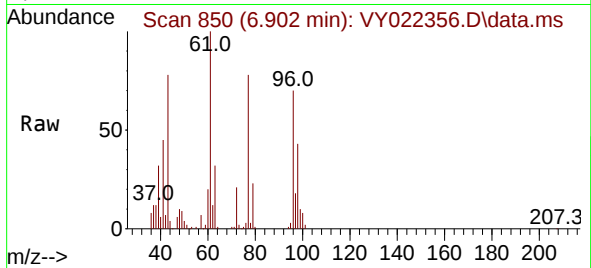




#27
 cis-1,2-Dichloroethene
 Concen: 20.952 ug/l
 RT: 6.902 min Scan# 848
 Delta R.T. 0.012 min
 Lab File: VY022356.D
 Acq: 21 May 2025 10:35

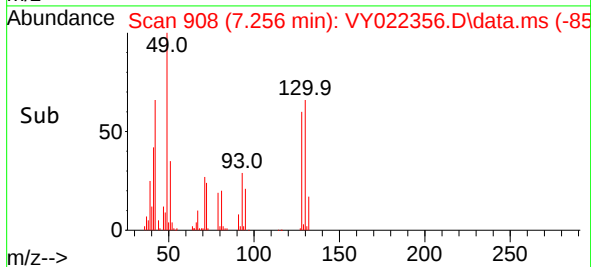
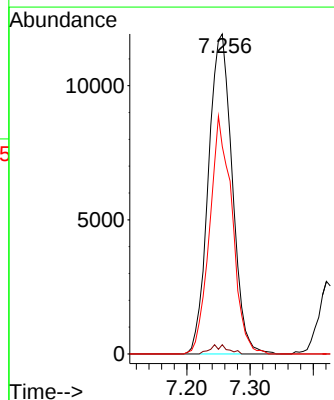
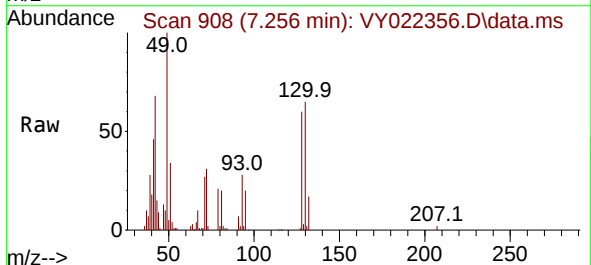
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS01

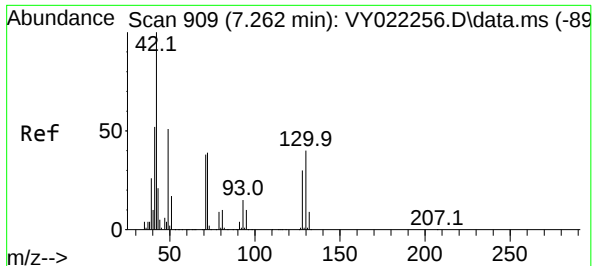
Tgt Ion: 96 Resp: 47008
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 302.6
 98 64.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 20.044 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY022356.D
 Acq: 21 May 2025 10:35

Tgt Ion: 49 Resp: 31153
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.6
 130 70.3 54.7 82.1

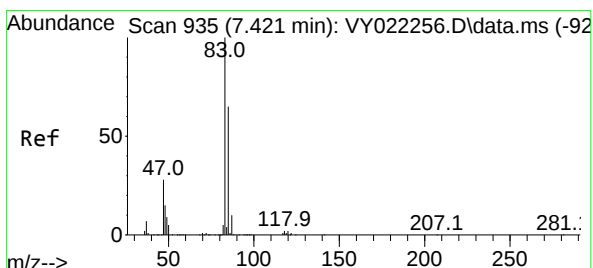
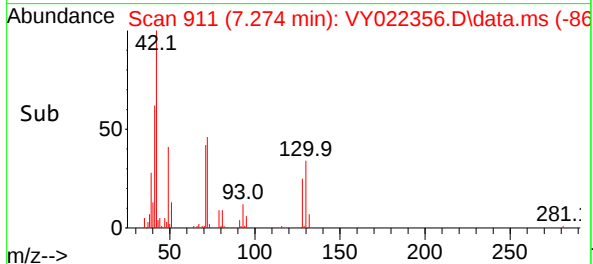
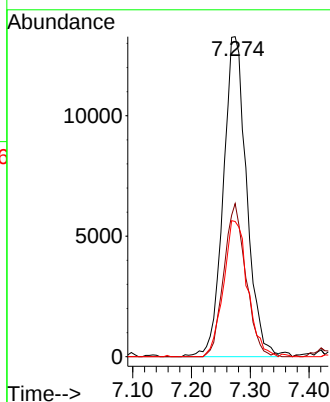
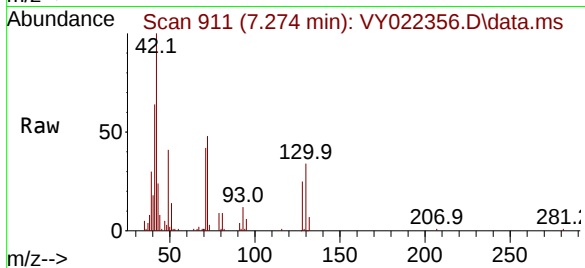




#29
Tetrahydrofuran
Concen: 100.953 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

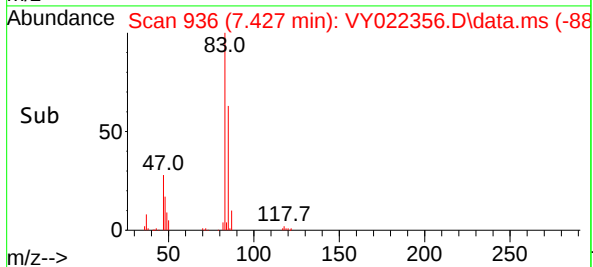
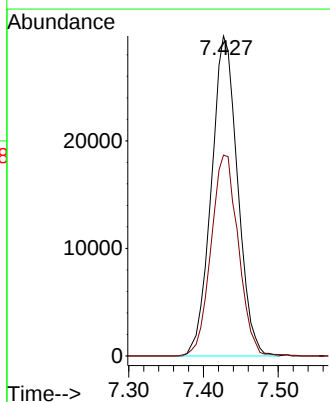
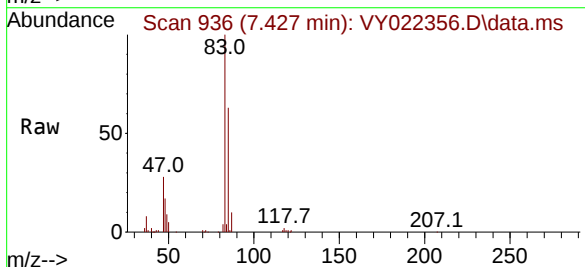
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

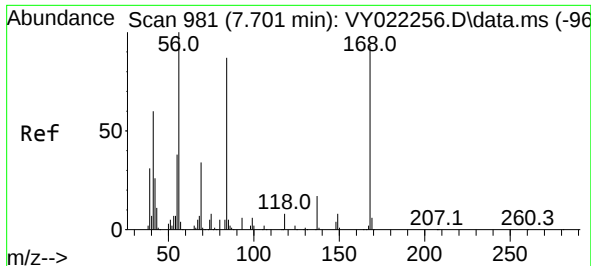
Tgt Ion: 42 Resp: 36661
Ion Ratio Lower Upper
42 100
72 45.2 33.8 50.6
71 43.7 31.5 47.3



#30
Chloroform
Concen: 20.805 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion: 83 Resp: 72715
Ion Ratio Lower Upper
83 100
85 62.8 51.8 77.8

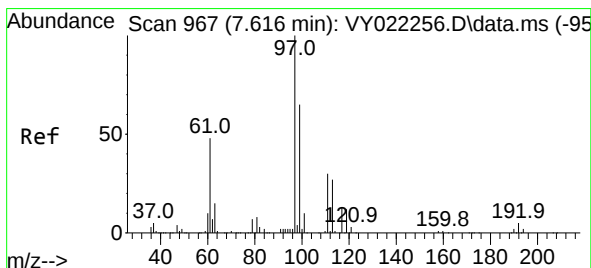
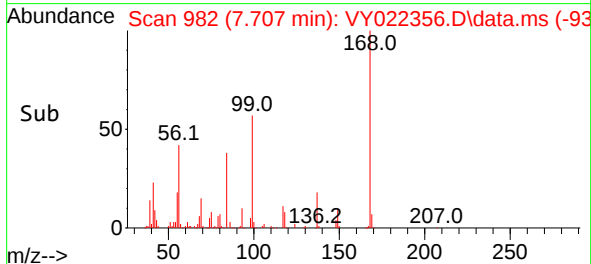
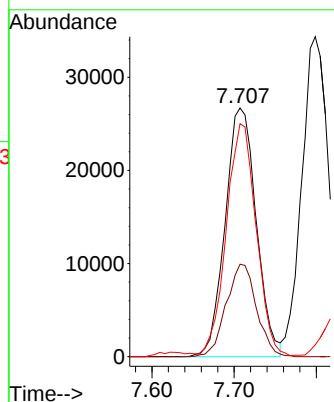
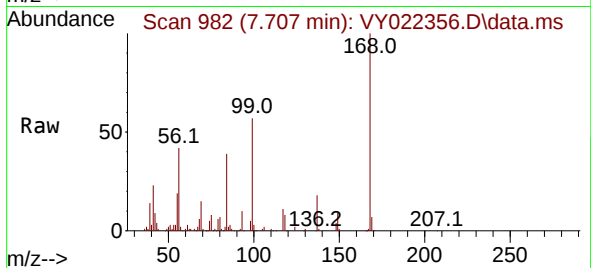




#31
Cyclohexane
Concen: 19.298 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

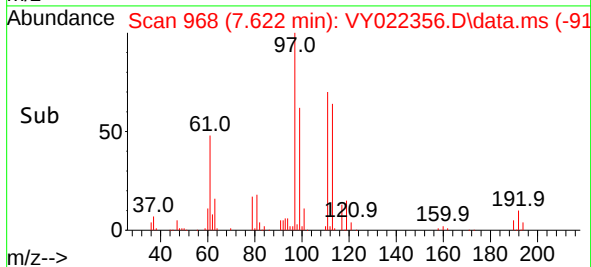
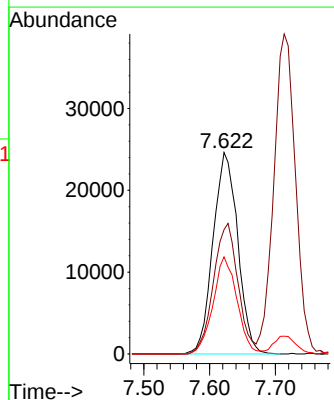
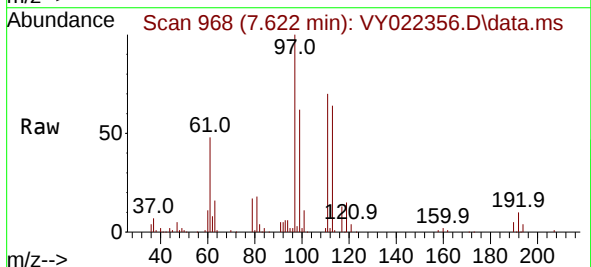
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

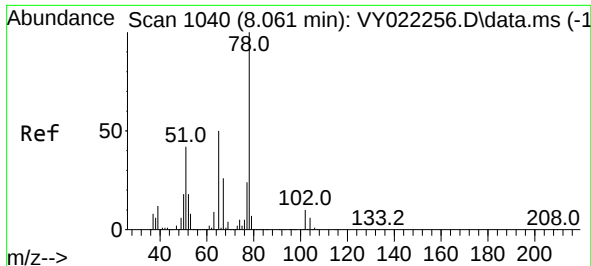
Tgt Ion: 56 Resp: 70259
Ion Ratio Lower Upper
56 100
69 37.2 27.4 41.2
84 92.1 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 20.057 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion: 97 Resp: 64315
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 46.6 38.1 57.1

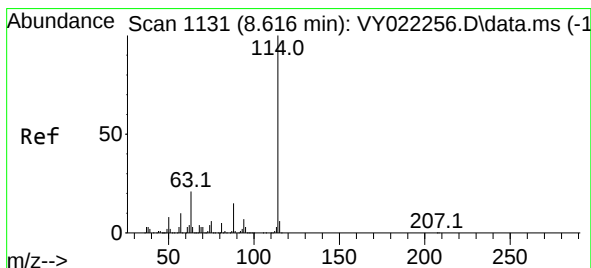
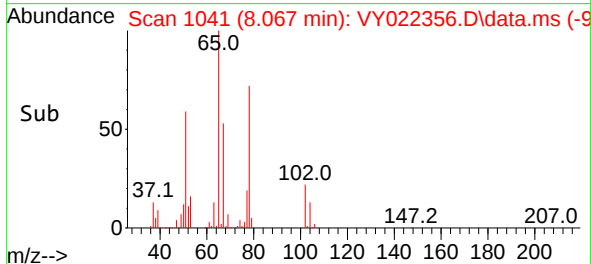
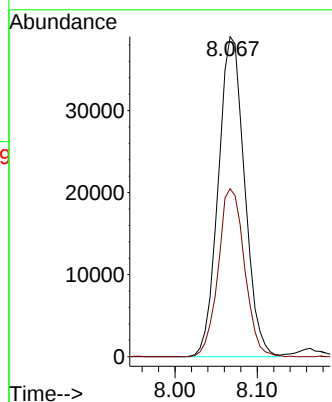
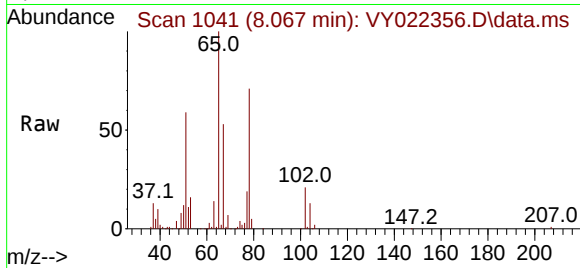




#33
 1,2-Dichloroethane-d4
 Concen: 48.241 ug/l
 RT: 8.067 min Scan# 1040
 Delta R.T. 0.006 min
 Lab File: VY022356.D
 Acq: 21 May 2025 10:35

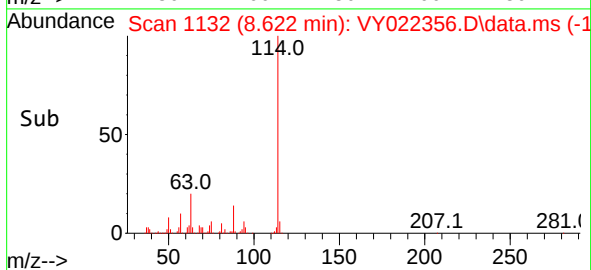
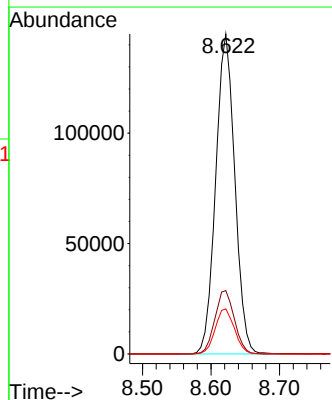
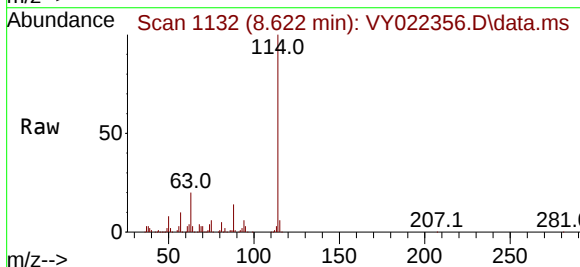
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS01

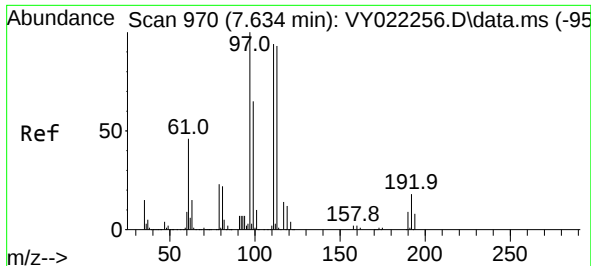
Tgt Ion: 65 Resp: 86818
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1132
 Delta R.T. 0.006 min
 Lab File: VY022356.D
 Acq: 21 May 2025 10:35

Tgt Ion: 114 Resp: 280143
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.0
 88 14.1 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.426 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

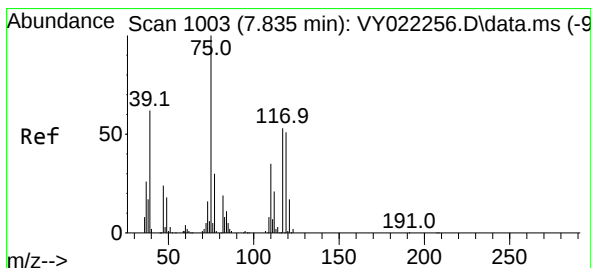
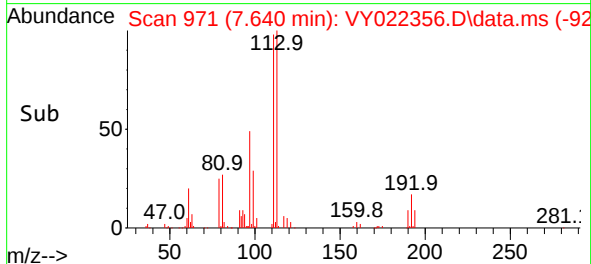
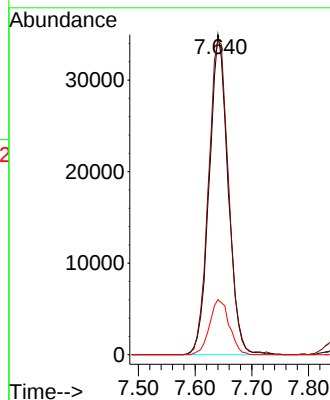
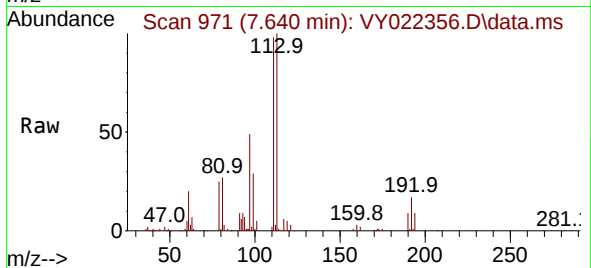
Tgt Ion:113 Resp: 80971

Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 17.9 15.2 22.8



#36

1,1-Dichloropropene

Concen: 19.671 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

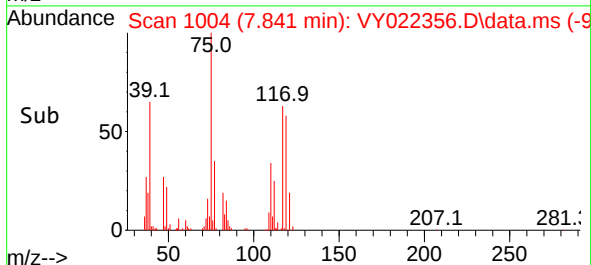
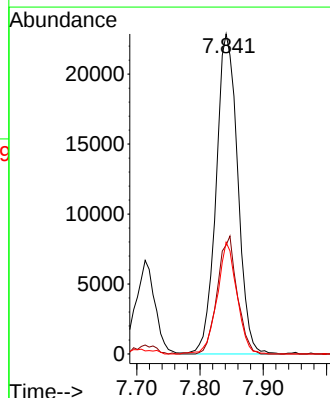
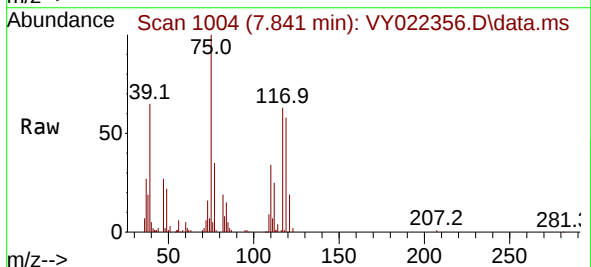
Tgt Ion: 75 Resp: 54176

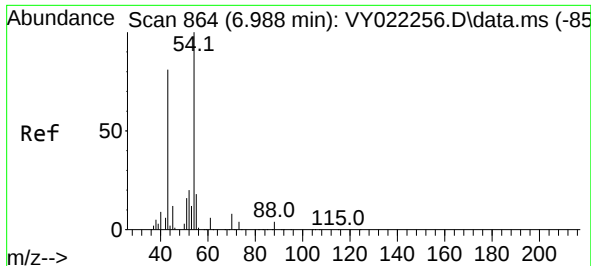
Ion Ratio Lower Upper

75 100

110 33.8 16.6 49.8

77 31.9 24.6 37.0





#37

Ethyl Acetate

Concen: 19.120 ug/l

RT: 6.994 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

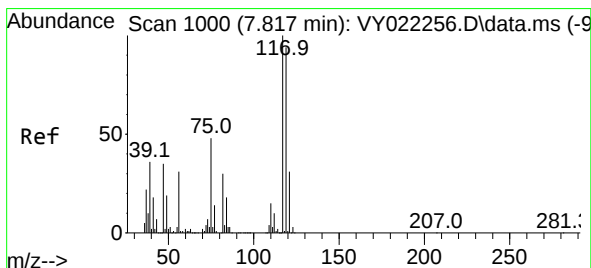
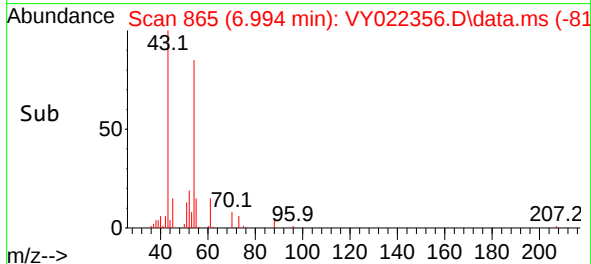
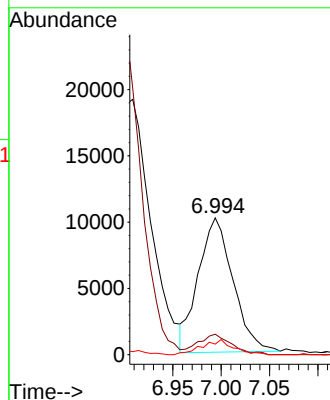
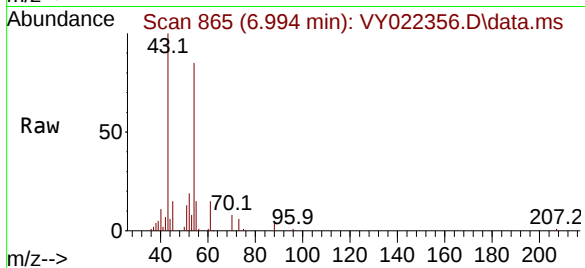
Tgt Ion: 43 Resp: 25337

Ion Ratio Lower Upper

43 100

61 14.3 10.2 15.2

70 10.1 7.6 11.4



#38

Carbon Tetrachloride

Concen: 19.762 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

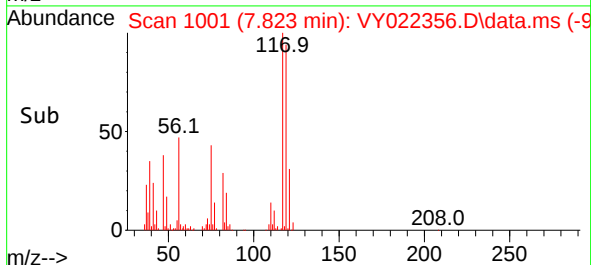
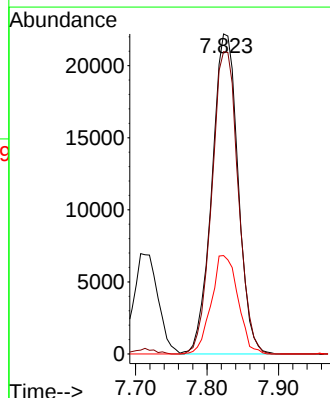
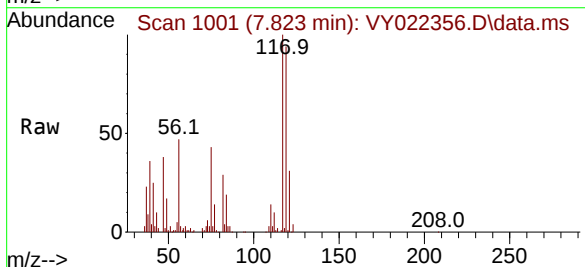
Tgt Ion: 117 Resp: 56336

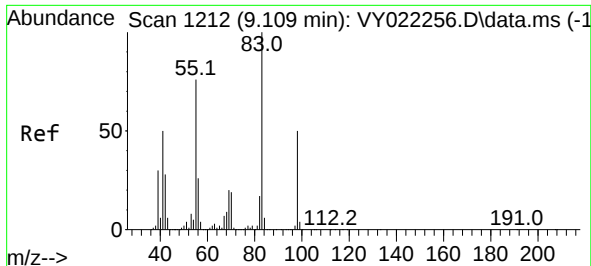
Ion Ratio Lower Upper

117 100

119 94.5 75.3 112.9

121 30.8 24.7 37.1

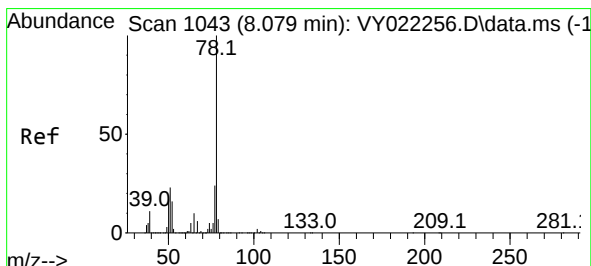
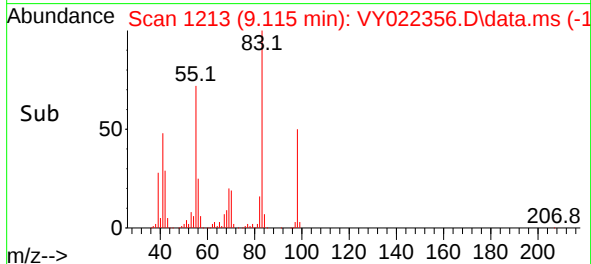
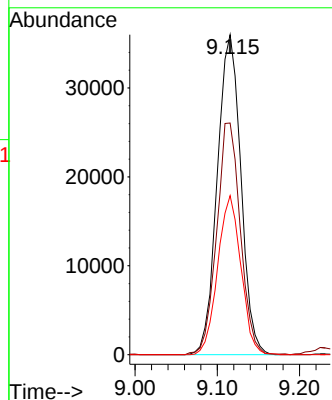
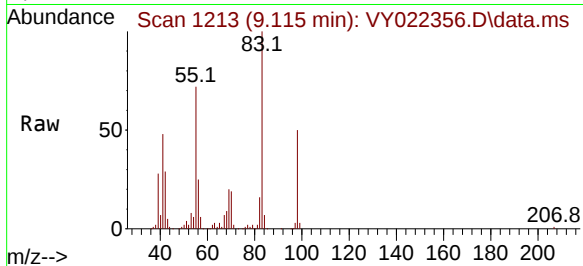




#39
Methylcyclohexane
Concen: 19.370 ug/l
RT: 9.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

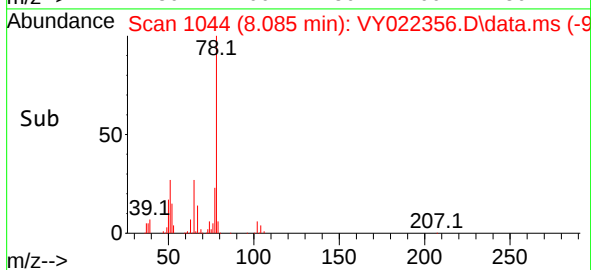
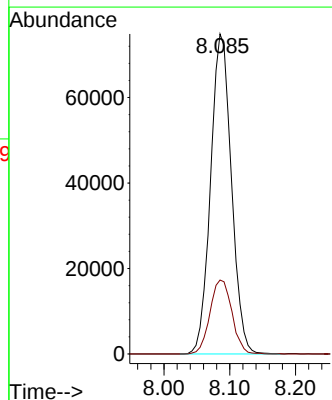
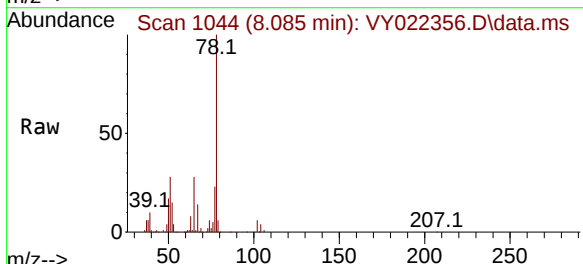
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

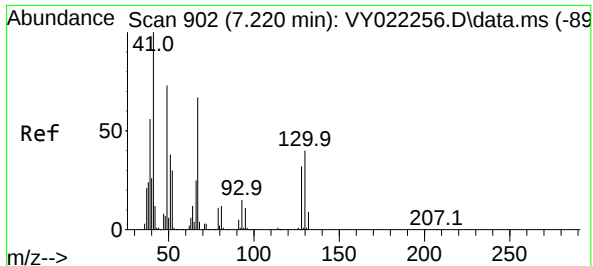
Tgt Ion: 83 Resp: 71670
Ion Ratio Lower Upper
83 100
55 72.4 60.6 90.8
98 49.7 40.0 60.0



#40
Benzene
Concen: 20.204 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion: 78 Resp: 164958
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3

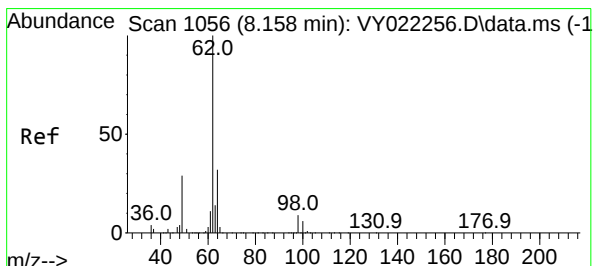
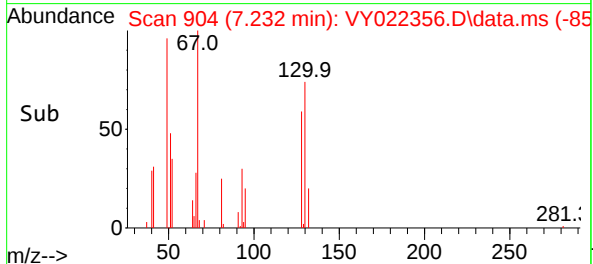
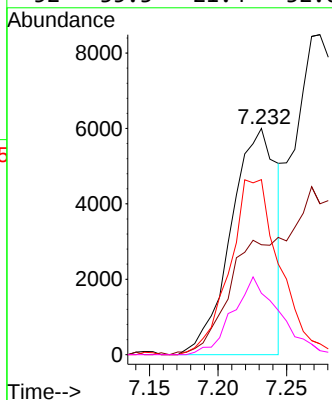
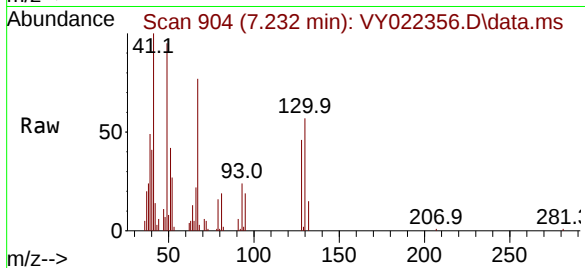




#41
Methacrylonitrile
Concen: 15.842 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

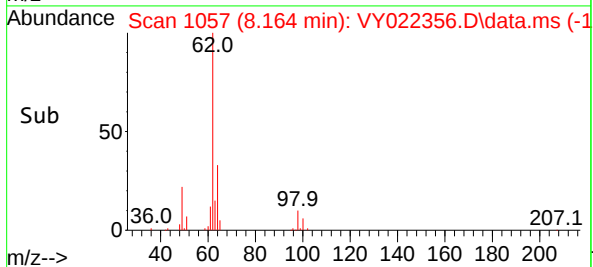
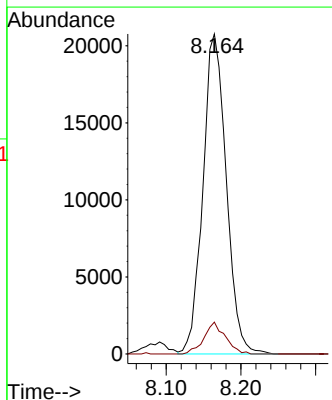
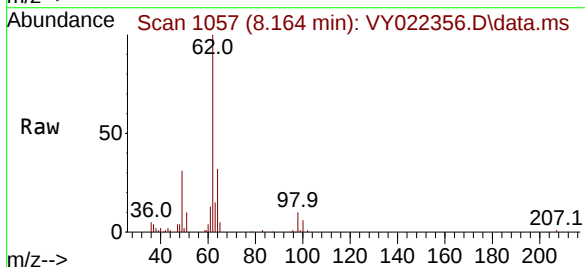
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

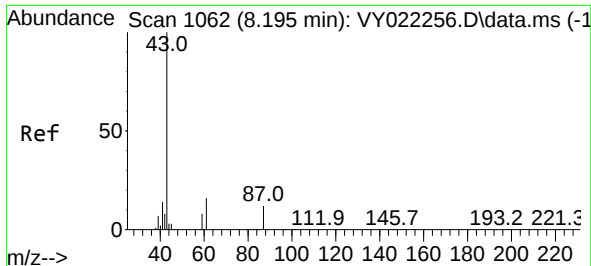
Tgt Ion:	41	Resp:	13925
Ion	Ratio	Lower	Upper
41	100		
39	0.0	39.1	58.7#
67	85.0	47.1	70.7#
52	35.3	21.4	32.0#



#42
1,2-Dichloroethane
Concen: 20.436 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion:	62	Resp:	45120
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4

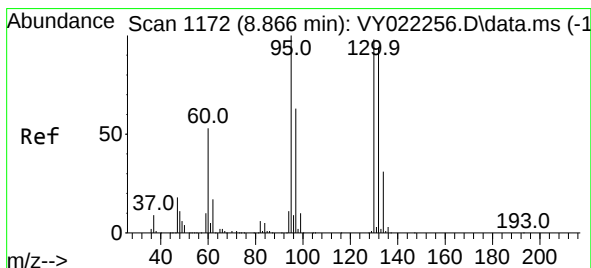
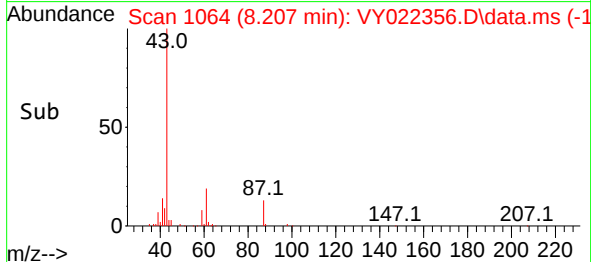
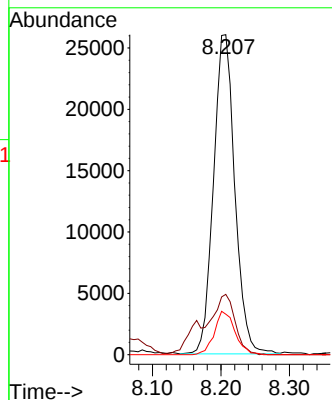
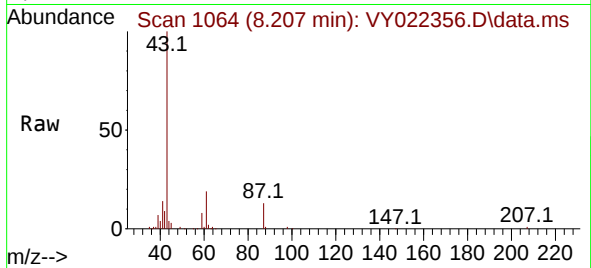




#43
Isopropyl Acetate
Concen: 19.420 ug/l
RT: 8.207 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

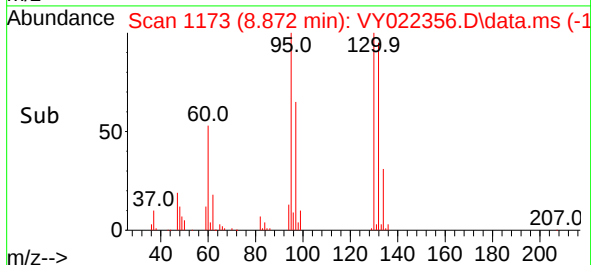
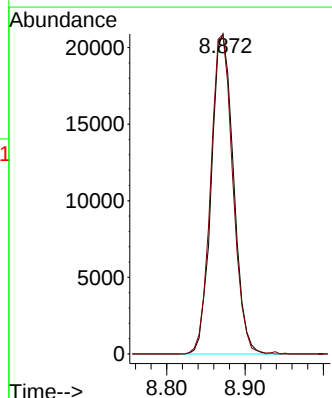
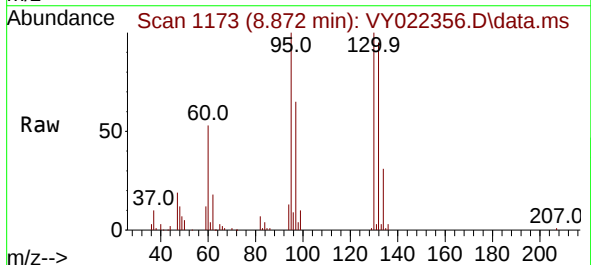
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

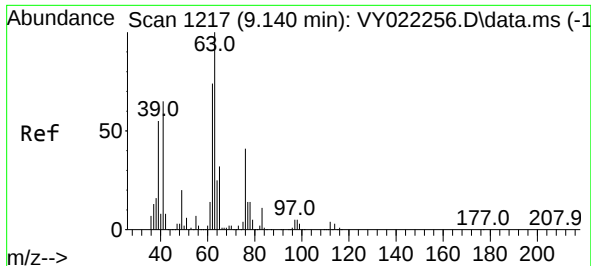
Tgt Ion: 43 Resp: 56123
Ion Ratio Lower Upper
43 100
61 19.4 15.1 22.7
87 13.2 9.7 14.5



#44
Trichloroethene
Concen: 20.191 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion:130 Resp: 40988
Ion Ratio Lower Upper
130 100
95 99.9 0.0 204.8





#45

1,2-Dichloropropane

Concen: 19.840 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

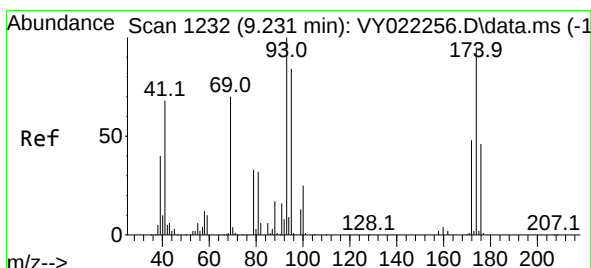
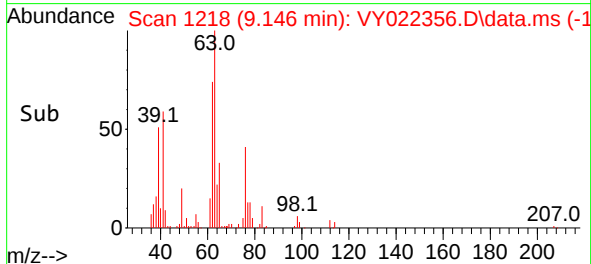
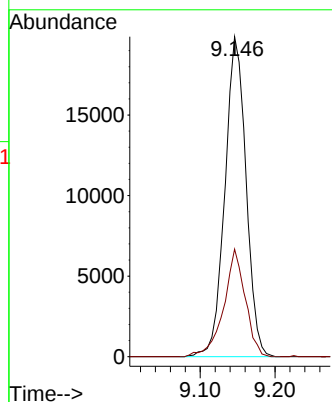
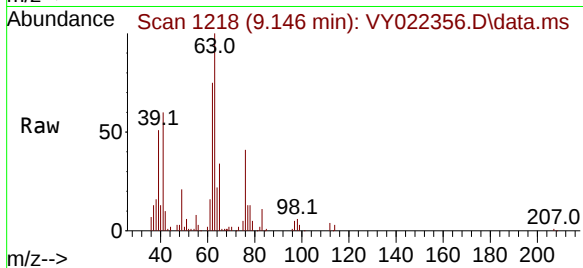
VY0521SBS01

Tgt Ion: 63 Resp: 39052

Ion Ratio Lower Upper

63 100

65 33.6 25.7 38.5



#46

Dibromomethane

Concen: 20.640 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

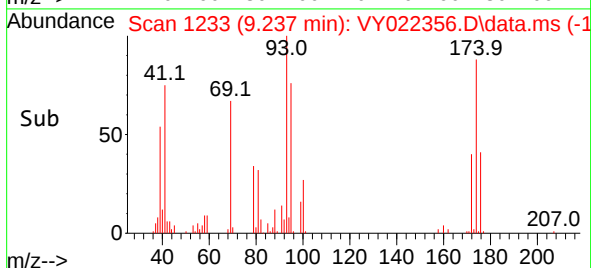
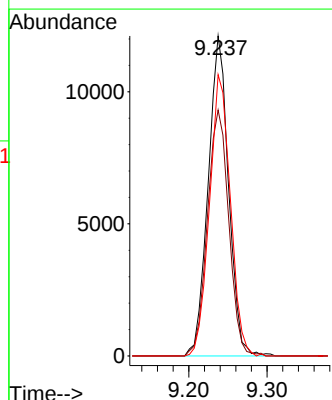
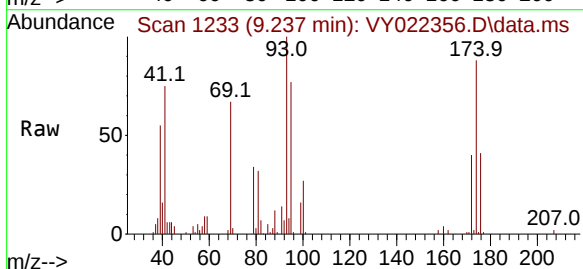
Tgt Ion: 93 Resp: 21913

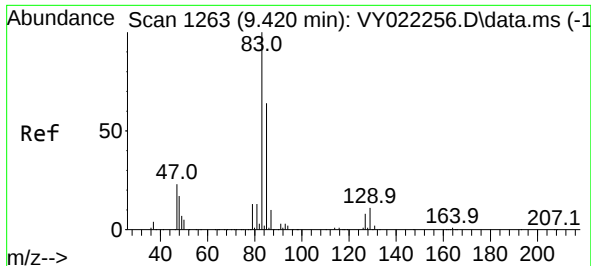
Ion Ratio Lower Upper

93 100

95 80.4 65.2 97.8

174 89.9 74.3 111.5

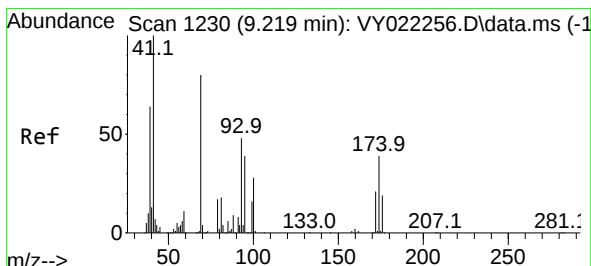
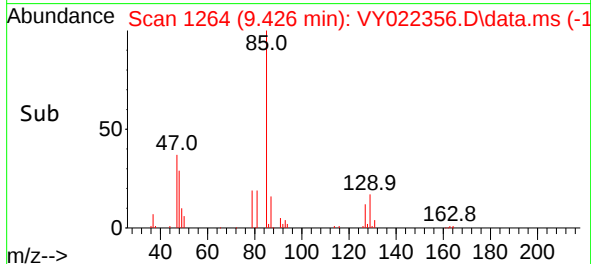
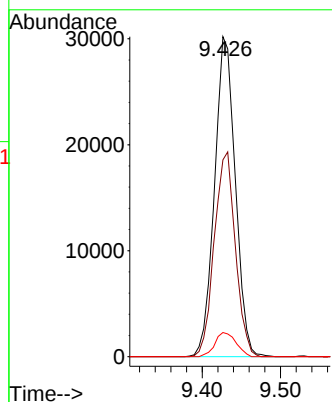
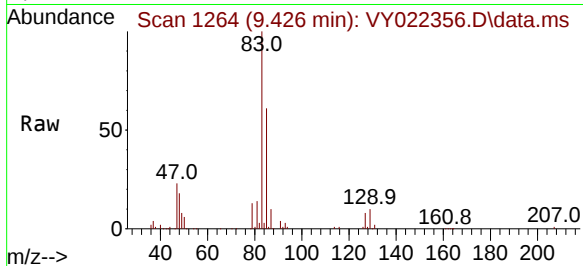




#47
Bromodichloromethane
Concen: 20.252 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

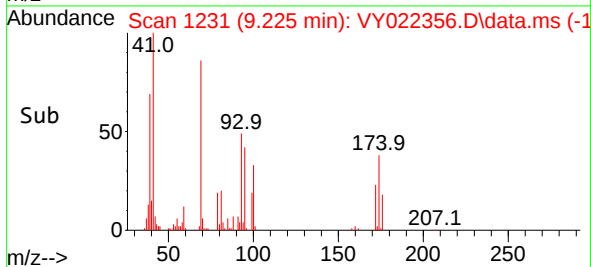
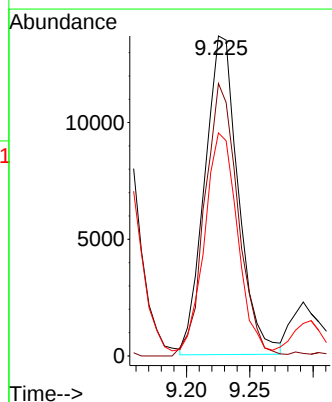
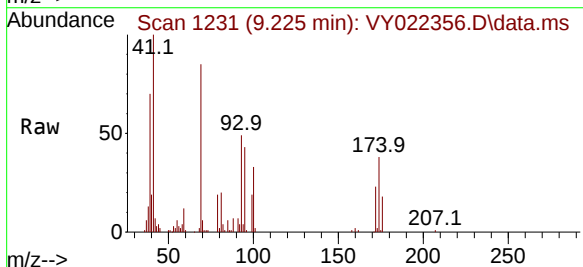
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

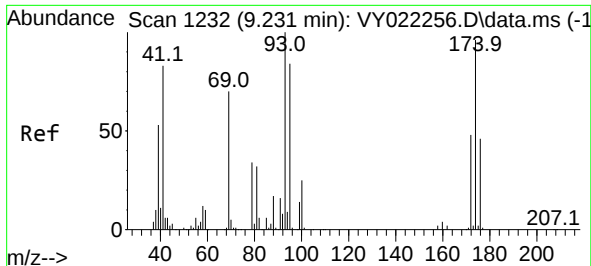
Tgt Ion: 83 Resp: 55778
Ion Ratio Lower Upper
83 100
85 61.5 51.1 76.7
127 7.6 6.6 10.0



#48
Methyl methacrylate
Concen: 18.730 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion: 41 Resp: 25313
Ion Ratio Lower Upper
41 100
69 84.0 63.5 95.3
39 66.2 50.8 76.2





#49

1,4-Dioxane

Concen: 406.715 ug/l

RT: 9.250 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

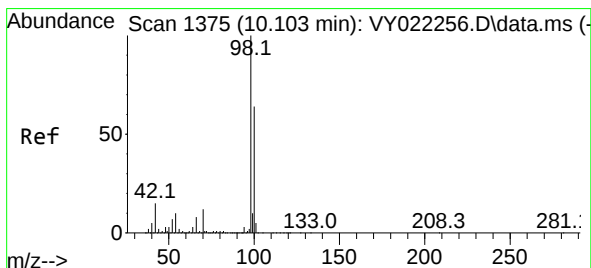
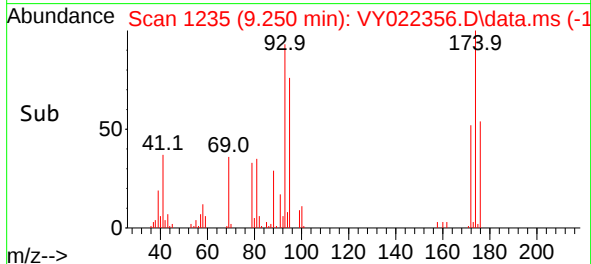
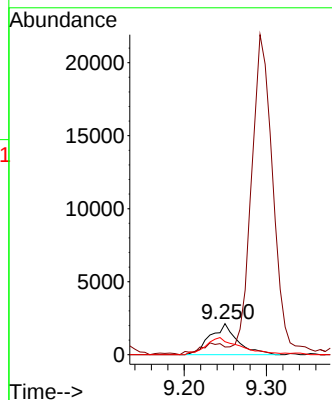
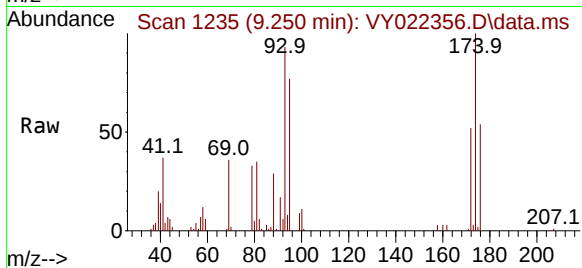
Tgt Ion: 88 Resp: 4878

Ion Ratio Lower Upper

88 100

43 32.6 28.5 42.7

58 68.9 61.4 92.2



#50

Toluene-d8

Concen: 47.907 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.012 min

Lab File: VY022356.D

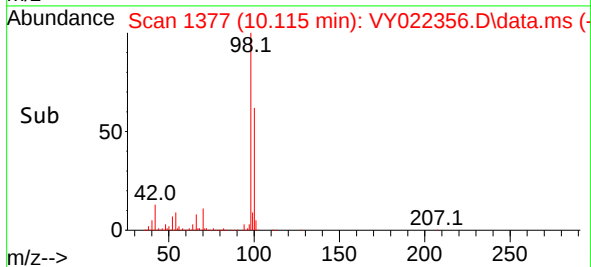
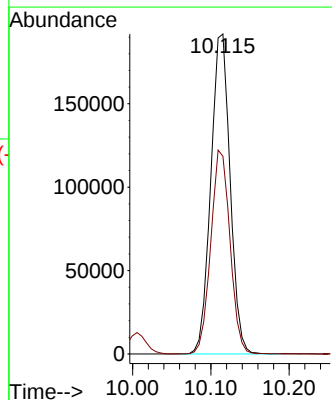
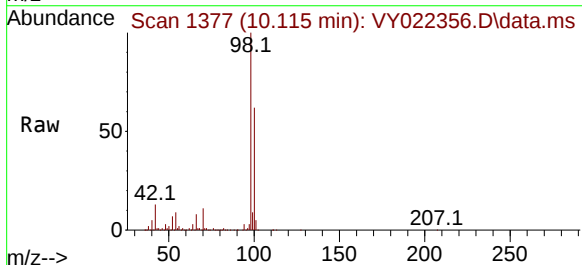
Acq: 21 May 2025 10:35

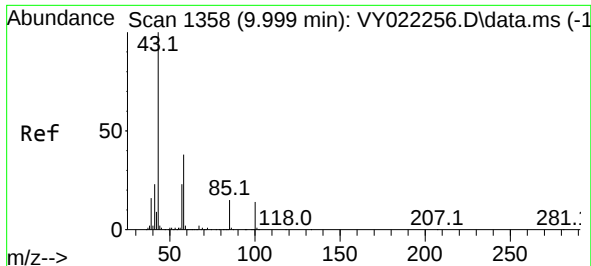
Tgt Ion: 98 Resp: 328068

Ion Ratio Lower Upper

98 100

100 63.6 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 96.396 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

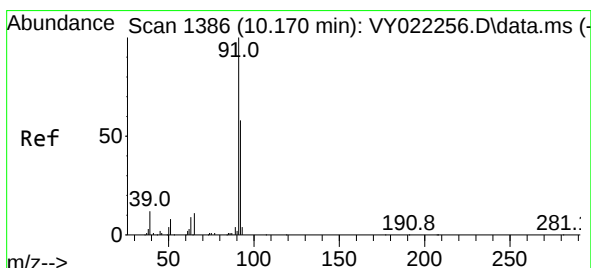
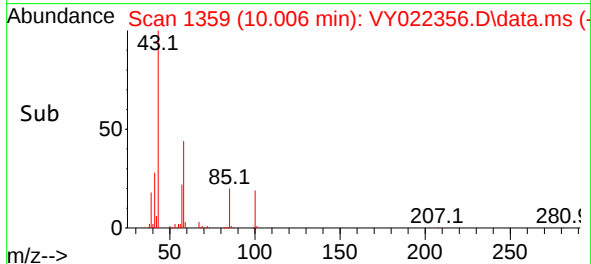
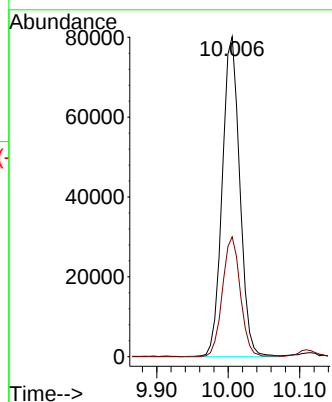
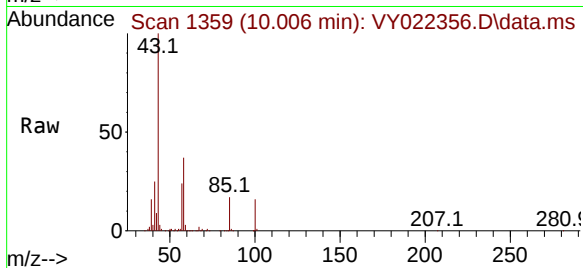
VY0521SBS01

Tgt Ion: 43 Resp: 136690

Ion Ratio Lower Upper

43 100

58 38.3 29.4 44.2



#52

Toluene

Concen: 19.929 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY022356.D

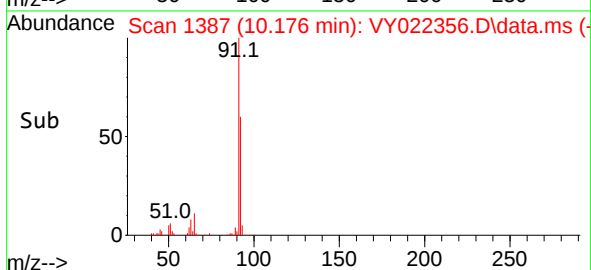
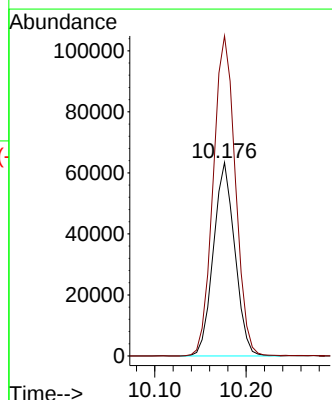
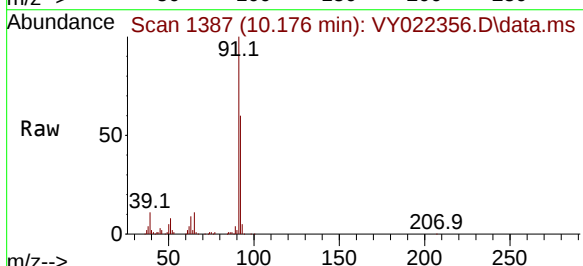
Acq: 21 May 2025 10:35

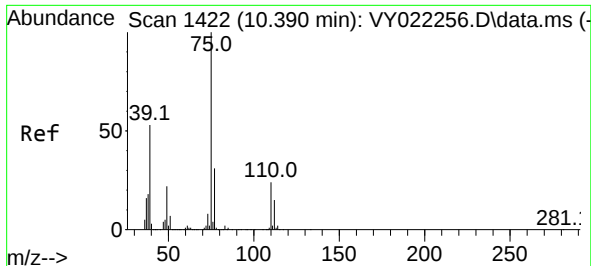
Tgt Ion: 92 Resp: 103033

Ion Ratio Lower Upper

92 100

91 171.7 139.1 208.7

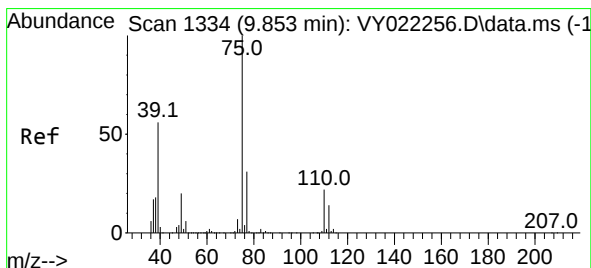
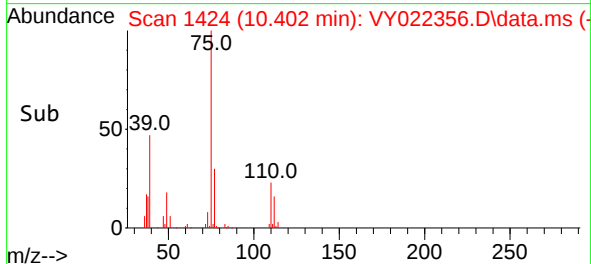
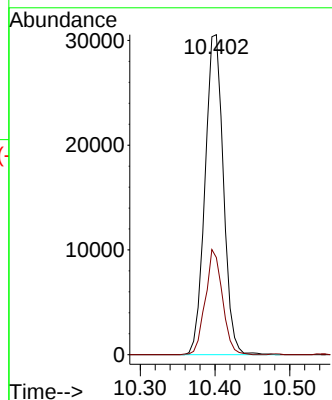
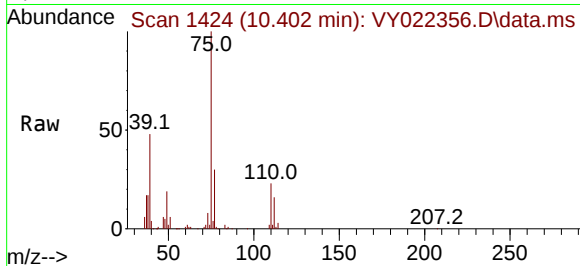




#53
 t-1,3-Dichloropropene
 Concen: 19.362 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.012 min
 Lab File: VY022356.D
 Acq: 21 May 2025 10:35

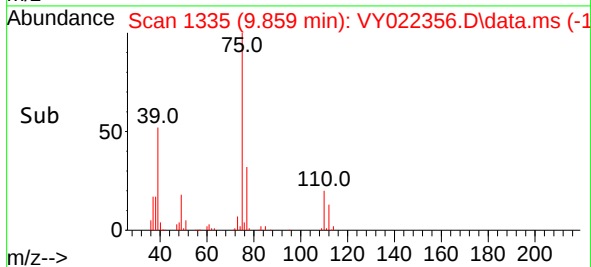
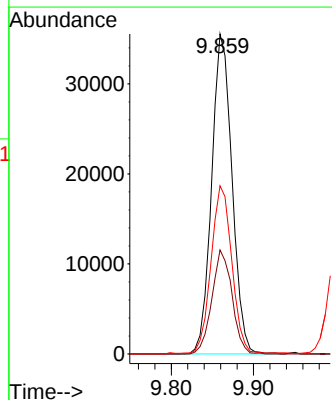
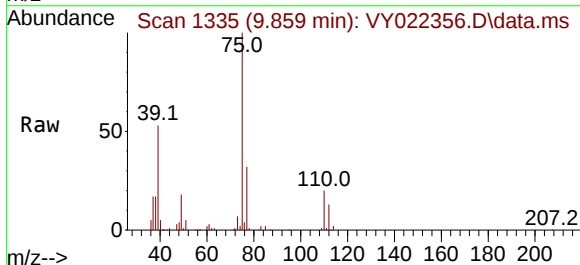
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS01

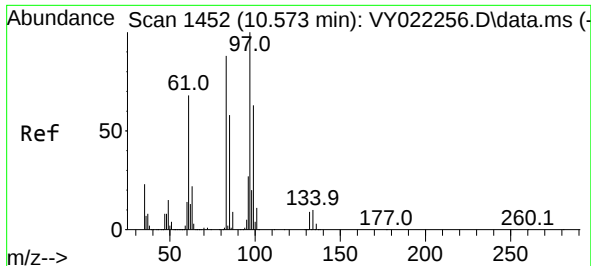
Tgt Ion: 75 Resp: 52044
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.878 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY022356.D
 Acq: 21 May 2025 10:35

Tgt Ion: 75 Resp: 61214
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.1 37.7
 39 52.4 44.5 66.7

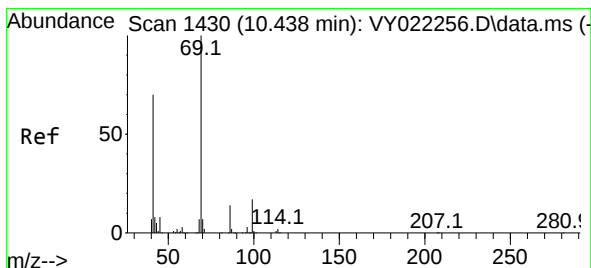
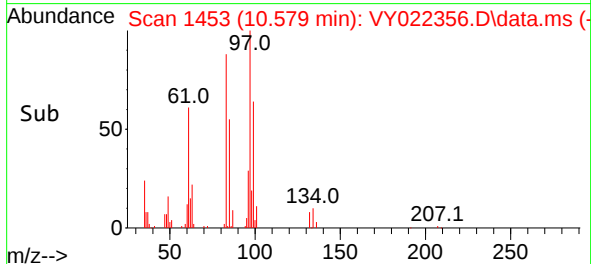
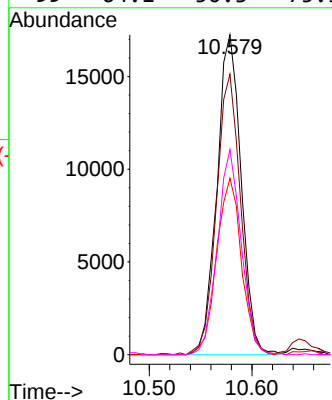
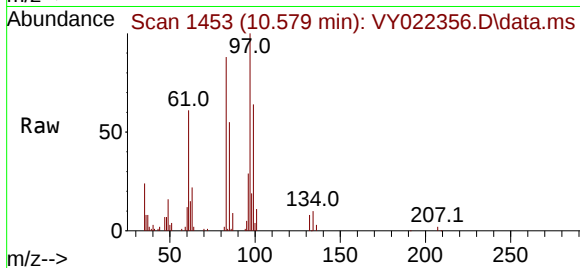




#55
1,1,2-Trichloroethane
Concen: 20.800 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

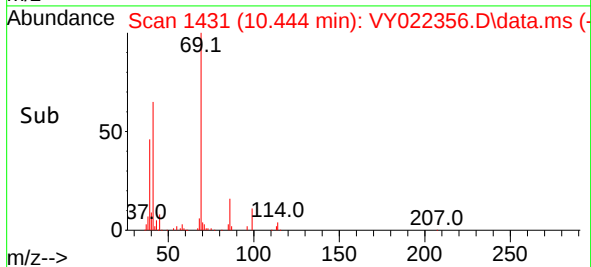
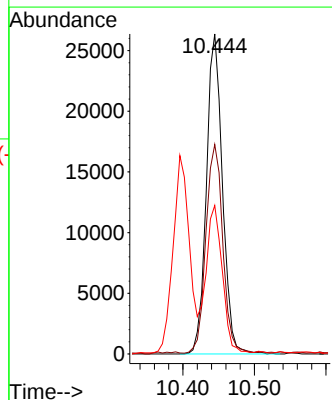
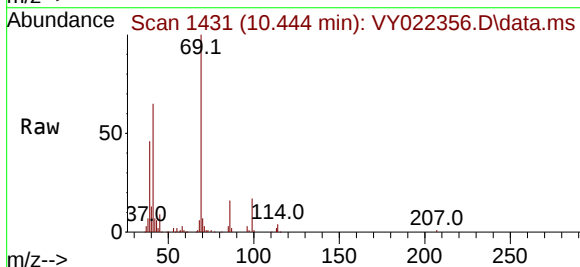
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

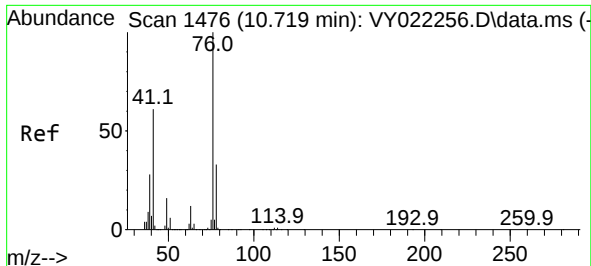
Tgt Ion:	97	Resp:	28278
Ion	Ratio	Lower	Upper
97	100		
83	87.1	70.3	105.5
85	55.2	46.2	69.4
99	64.1	50.3	75.5



#56
Ethyl methacrylate
Concen: 19.419 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion:	69	Resp:	41124
Ion	Ratio	Lower	Upper
69	100		
41	68.6	56.5	84.7
39	46.7	37.1	55.7

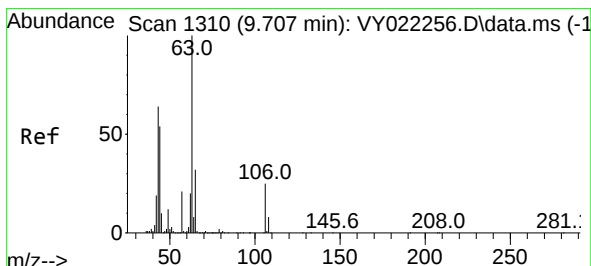
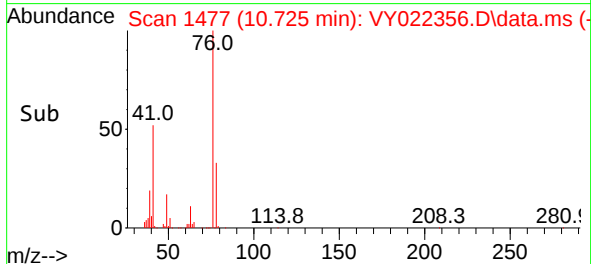
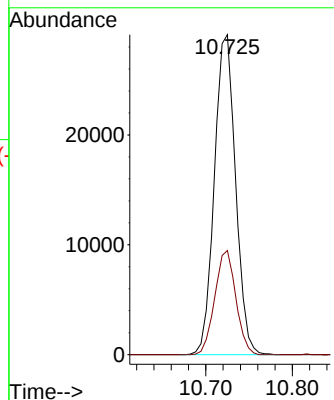
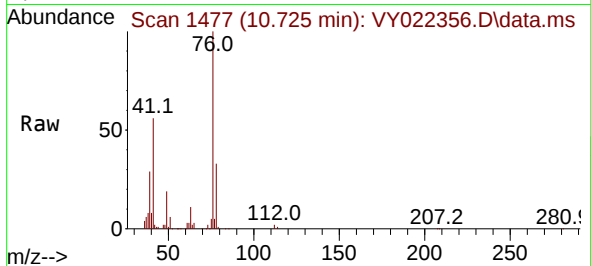




#57
1,3-Dichloropropane
Concen: 20.493 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

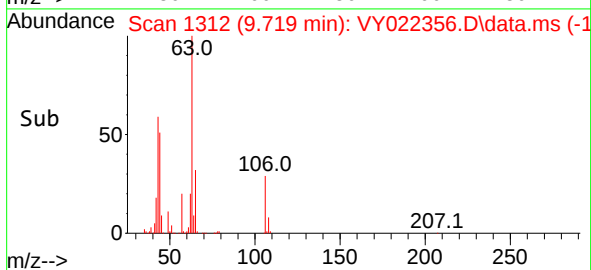
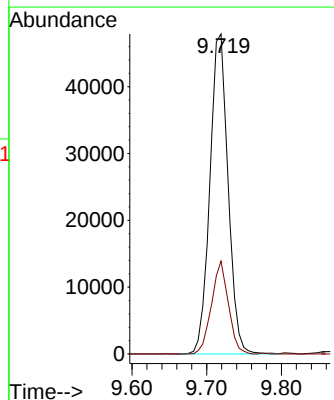
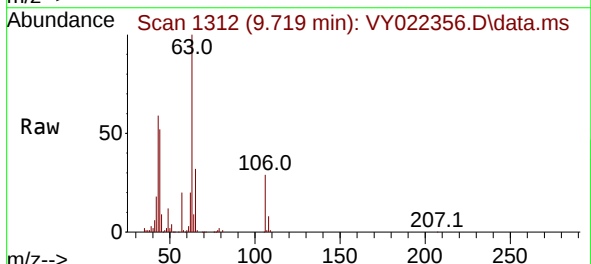
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

Tgt Ion: 76 Resp: 49500
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 85.143 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.012 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion: 63 Resp: 80930
Ion Ratio Lower Upper
63 100
106 26.9 21.0 31.4





#59

2-Hexanone

Concen: 95.872 ug/l

RT: 10.768 min Scan# 1483

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

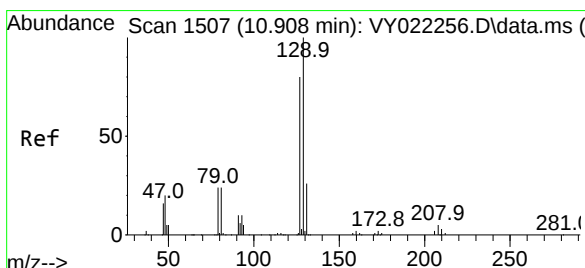
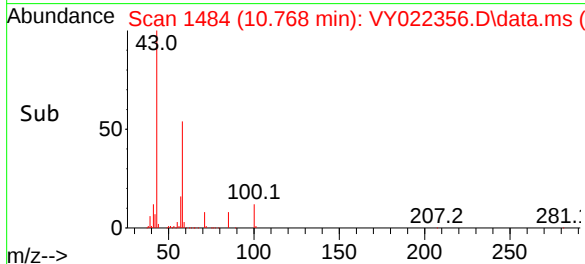
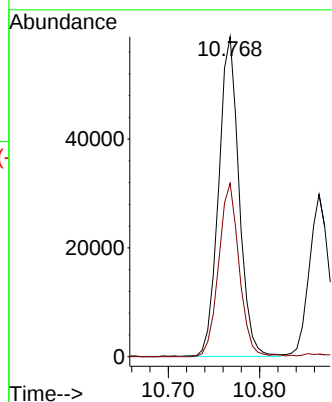
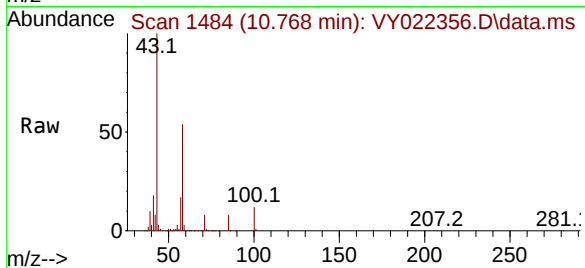
VY0521SBS01

Tgt Ion: 43 Resp: 91150

Ion Ratio Lower Upper

43 100

58 54.5 26.1 78.3



#60

Dibromochloromethane

Concen: 20.744 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY022356.D

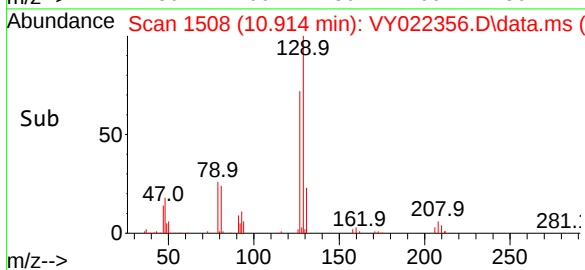
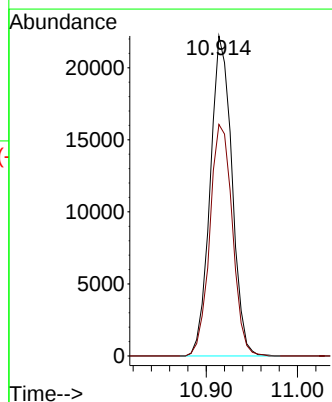
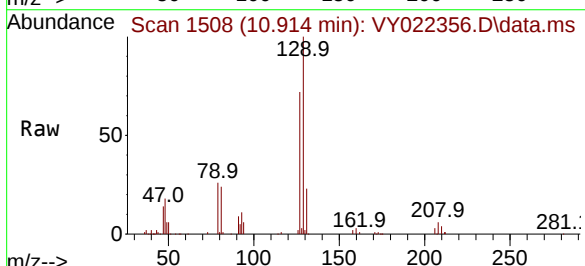
Acq: 21 May 2025 10:35

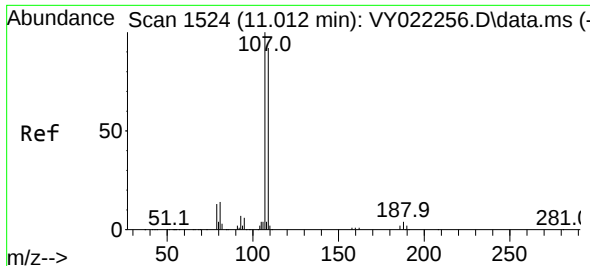
Tgt Ion: 129 Resp: 36605

Ion Ratio Lower Upper

129 100

127 75.2 38.6 115.7

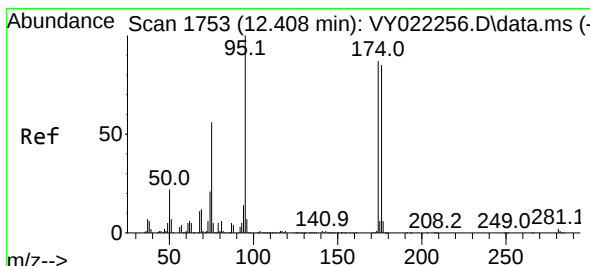
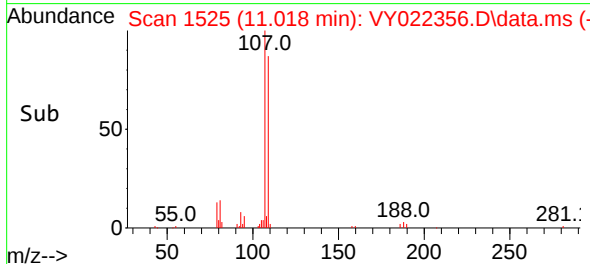
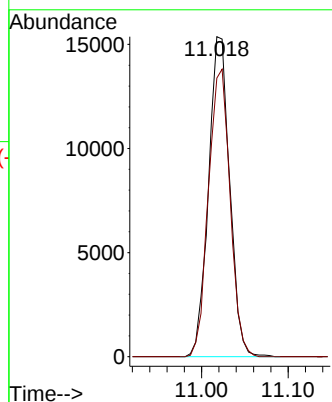
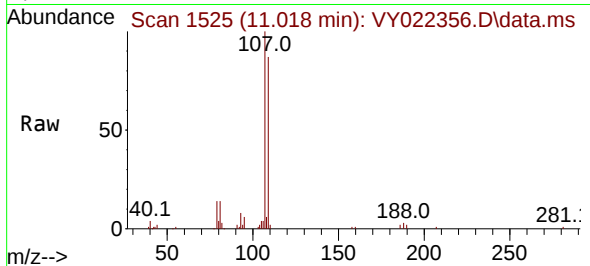




#61
1,2-Dibromoethane
Concen: 20.608 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

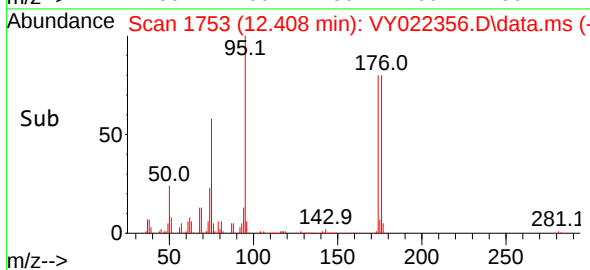
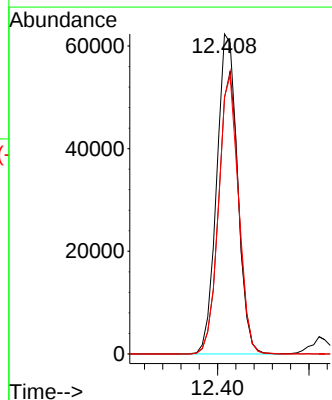
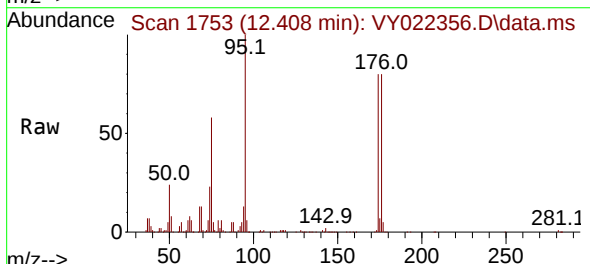
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

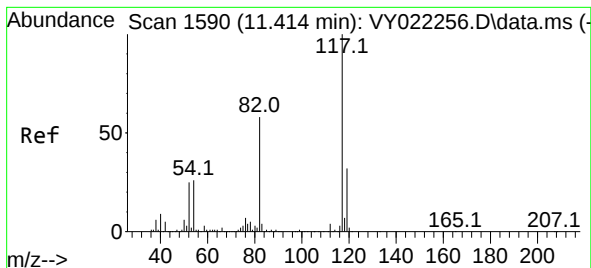
Tgt Ion:107 Resp: 26112
Ion Ratio Lower Upper
107 100
109 92.0 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 45.357 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion: 95 Resp: 98452
Ion Ratio Lower Upper
95 100
174 84.5 0.0 166.8
176 83.7 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: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

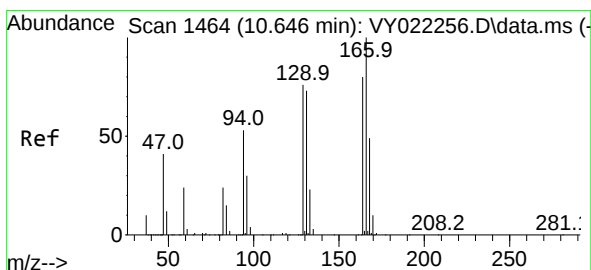
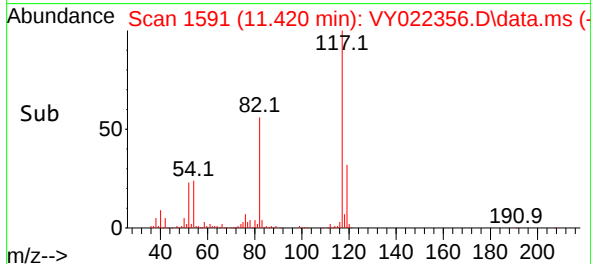
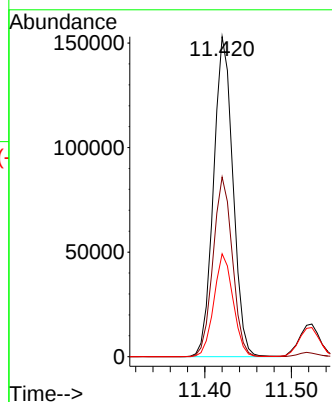
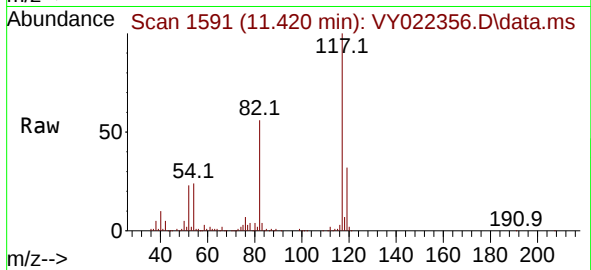
Tgt Ion:117 Resp: 238357

Ion Ratio Lower Upper

117 100

82 56.2 46.6 70.0

119 32.1 25.8 38.6



#64

Tetrachloroethene

Concen: 20.371 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Tgt Ion:164 Resp: 44880

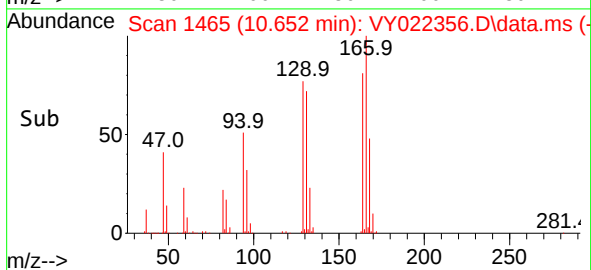
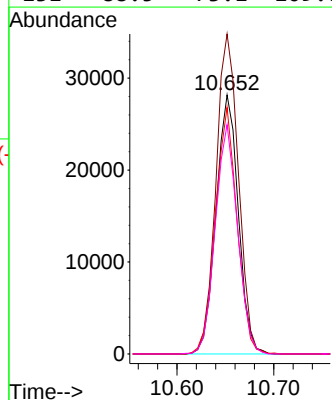
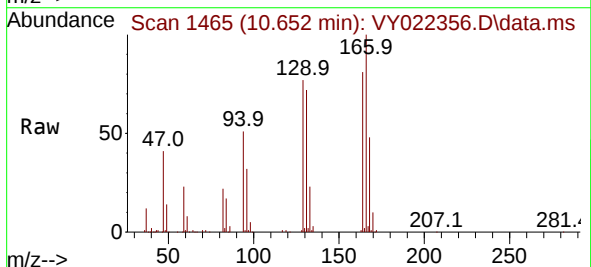
Ion Ratio Lower Upper

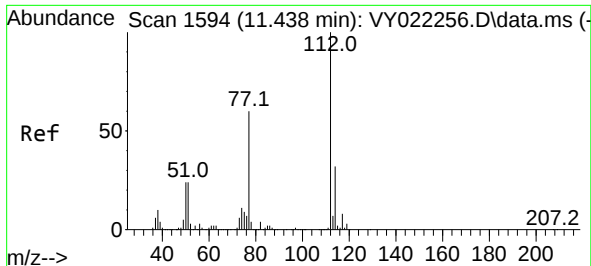
164 100

166 123.5 100.4 150.6

129 95.2 76.4 114.6

131 88.5 73.1 109.7

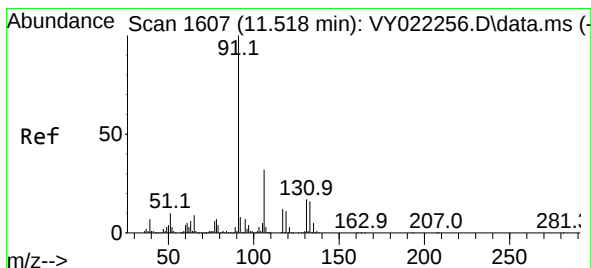
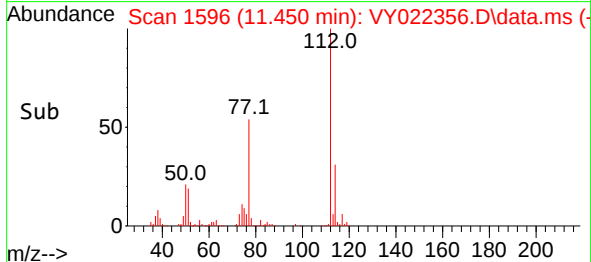
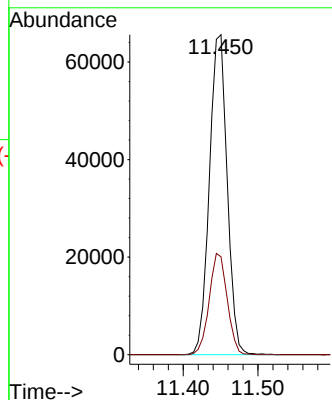
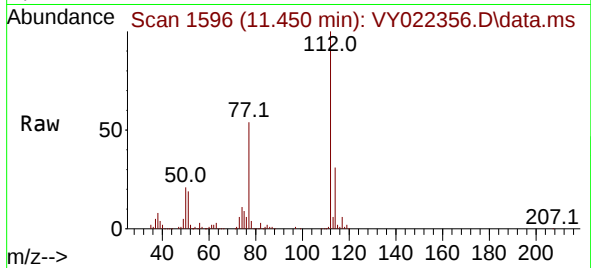




#65
Chlorobenzene
Concen: 20.151 ug/l
RT: 11.450 min Scan# 111
Delta R.T. 0.012 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

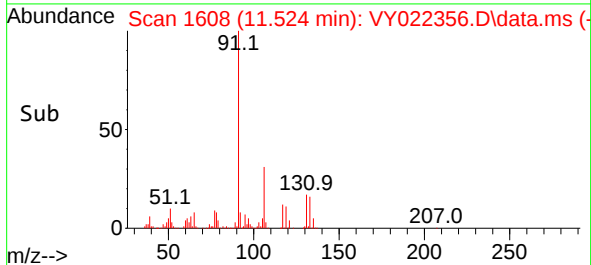
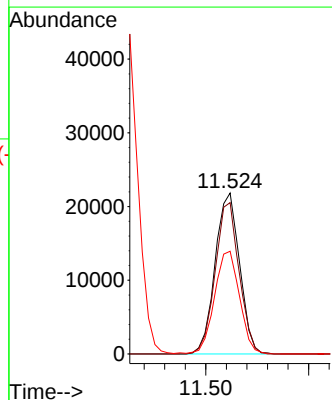
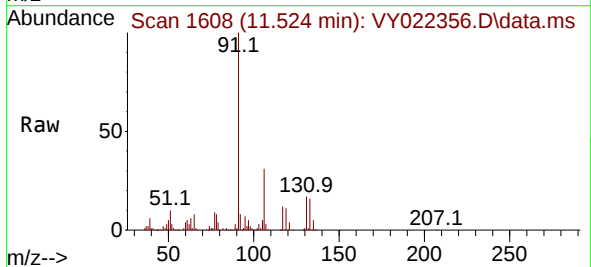
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

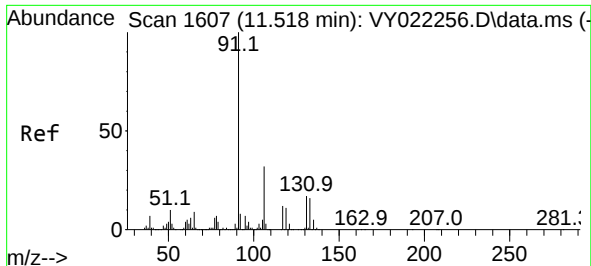
Tgt Ion:112 Resp: 108362
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.475 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion:131 Resp: 36004
Ion Ratio Lower Upper
131 100
133 92.3 47.3 141.9
119 65.5 33.1 99.2





#67

Ethyl Benzene

Concen: 19.270 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

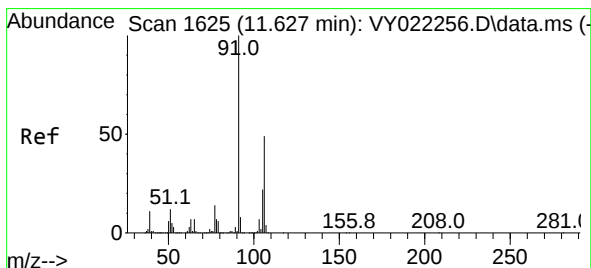
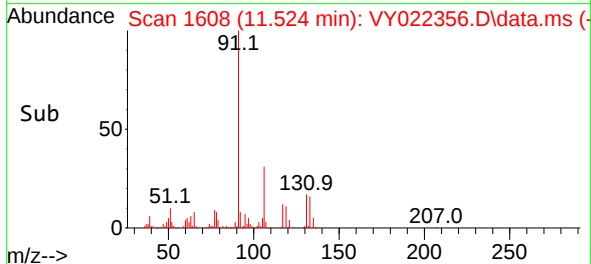
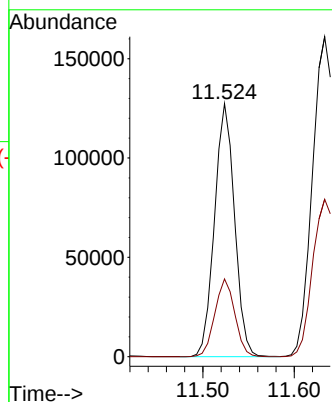
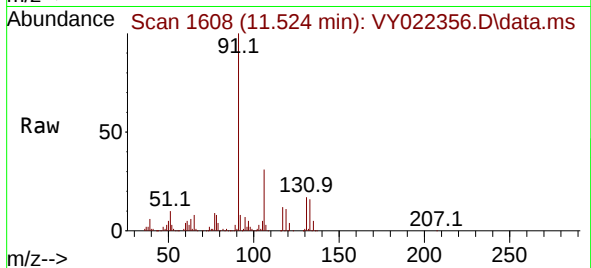
VY0521SBS01

Tgt Ion: 91 Resp: 194067

Ion Ratio Lower Upper

91 100

106 30.7 25.4 38.0



#68

m/p-Xylenes

Concen: 38.652 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022356.D

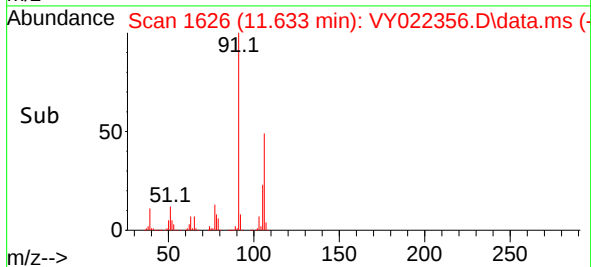
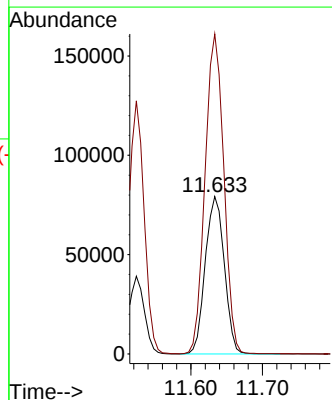
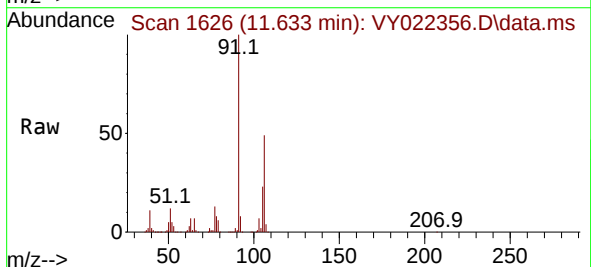
Acq: 21 May 2025 10:35

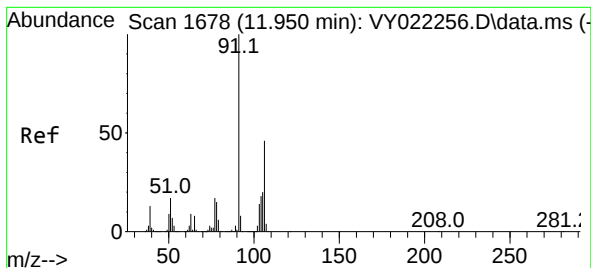
Tgt Ion:106 Resp: 146681

Ion Ratio Lower Upper

106 100

91 199.9 163.0 244.4





#69

o-Xylene

Concen: 19.373 ug/l

RT: 11.956 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

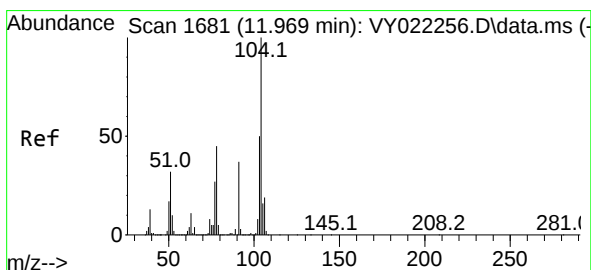
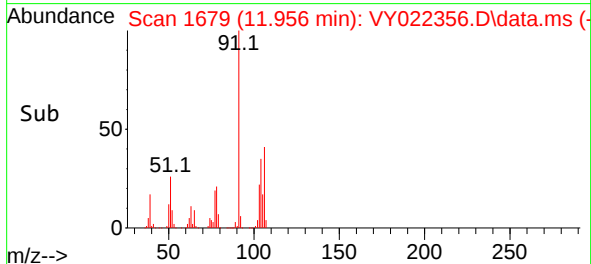
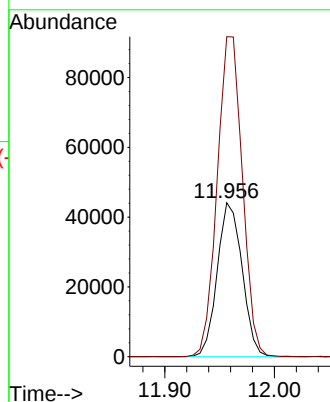
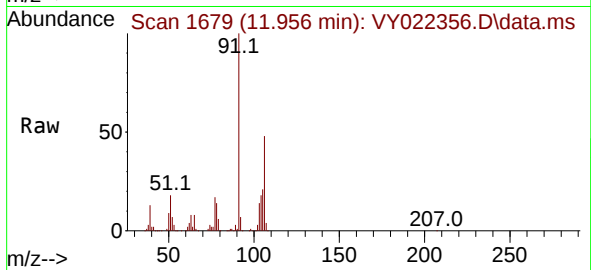
VY0521SBS01

Tgt Ion:106 Resp: 69558

Ion Ratio Lower Upper

106 100

91 211.2 108.3 324.8



#70

Styrene

Concen: 19.122 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

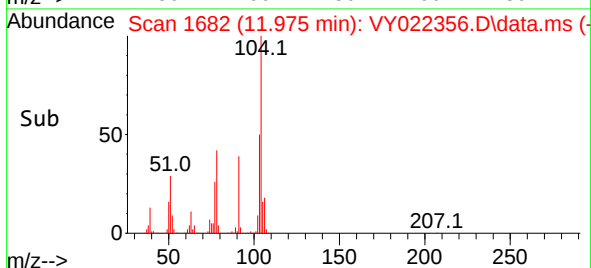
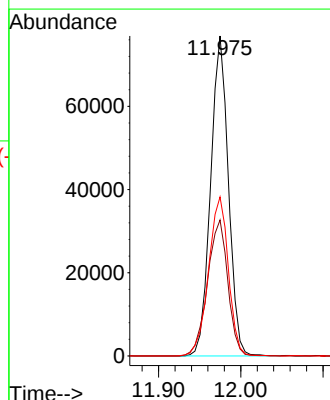
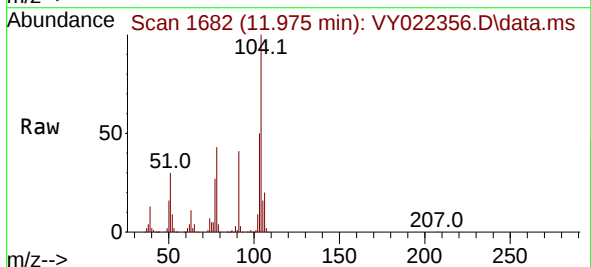
Tgt Ion:104 Resp: 115812

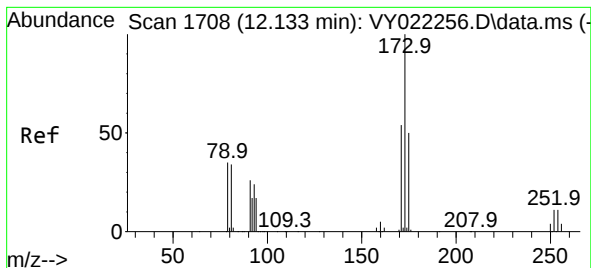
Ion Ratio Lower Upper

104 100

78 48.6 40.9 61.3

103 55.4 43.7 65.5





#71

Bromoform

Concen: 19.283 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

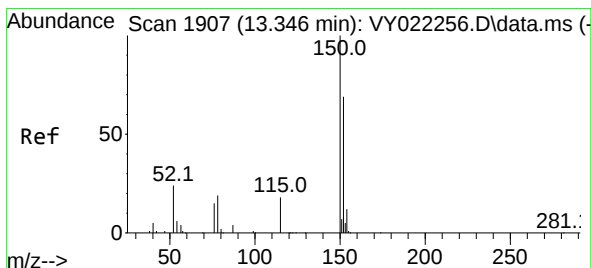
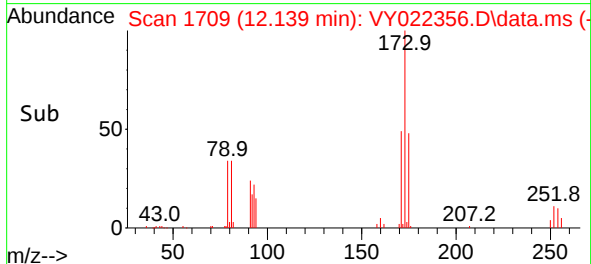
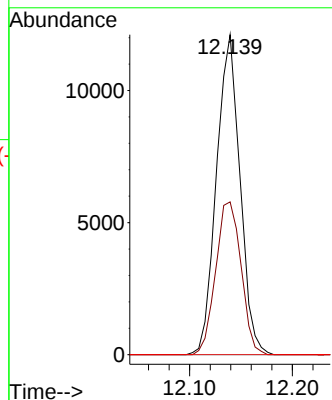
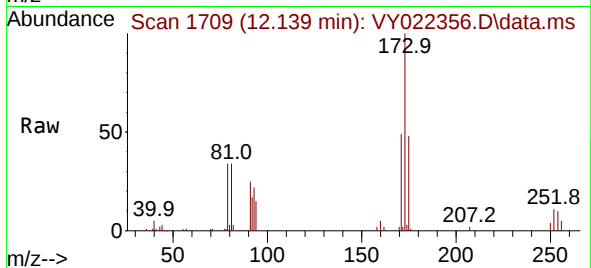
Tgt Ion:173 Resp: 19242

Ion Ratio Lower Upper

173 100

175 51.5 24.7 74.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

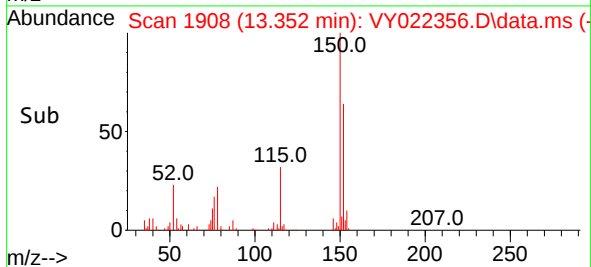
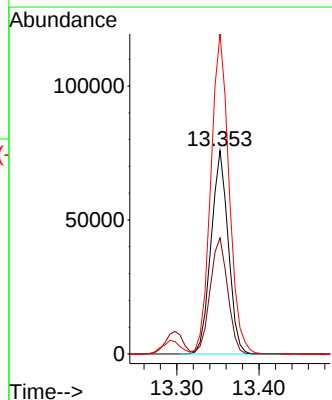
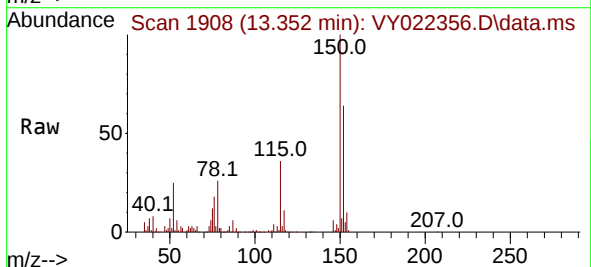
Tgt Ion:152 Resp: 110395

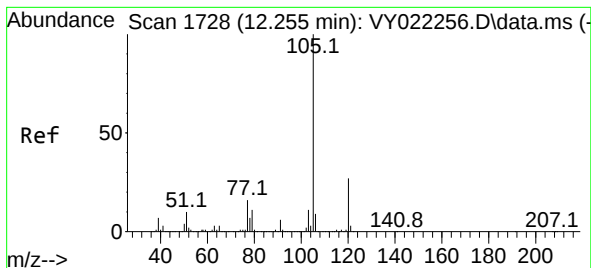
Ion Ratio Lower Upper

152 100

115 58.4 29.4 88.2

150 167.3 0.0 353.8





#73

Isopropylbenzene

Concen: 19.867 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

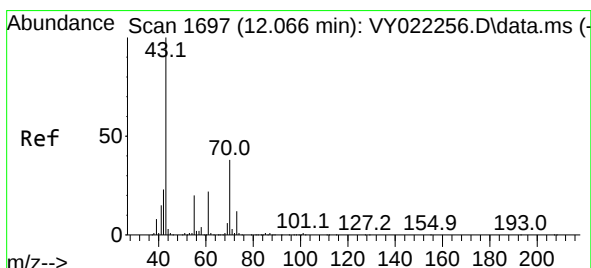
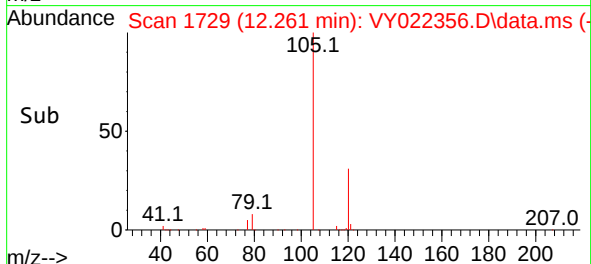
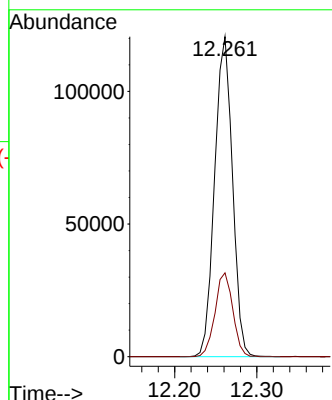
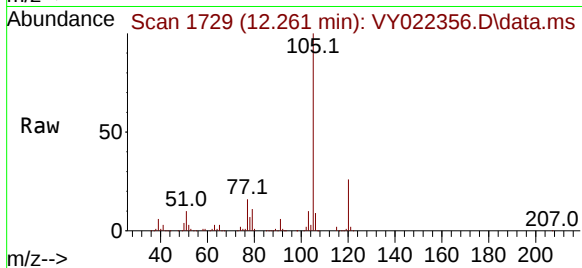
VY0521SBS01

Tgt Ion:105 Resp: 181695

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 19.152 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.012 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Tgt Ion: 43 Resp: 50097

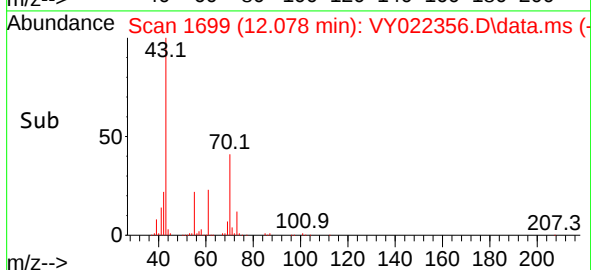
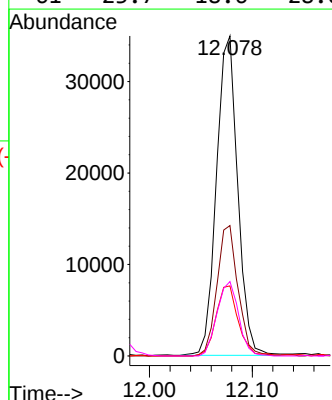
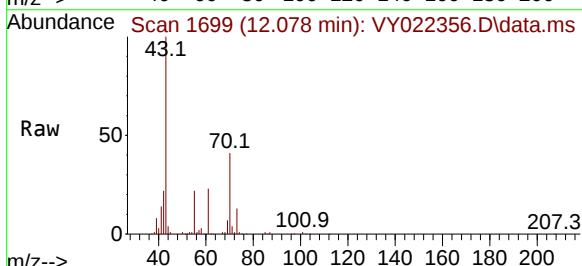
Ion Ratio Lower Upper

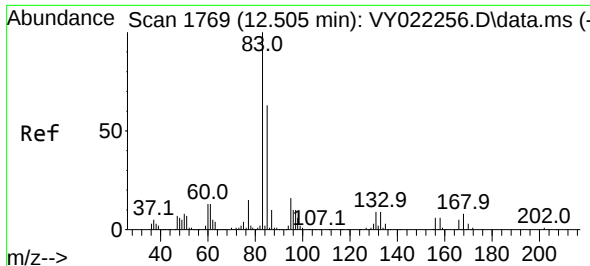
43 100

70 40.4 31.4 47.0

55 23.1 17.0 25.6

61 23.7 18.6 28.0

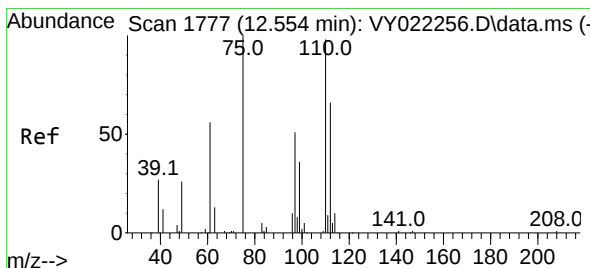
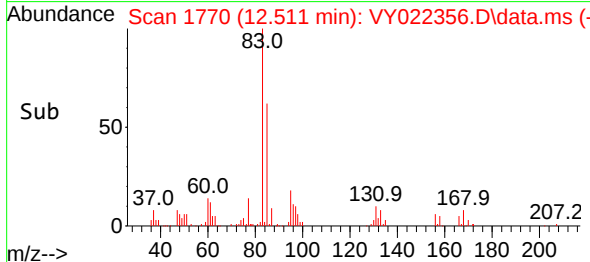
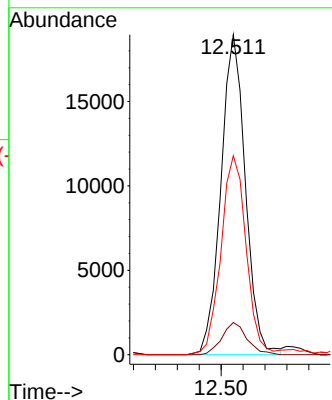
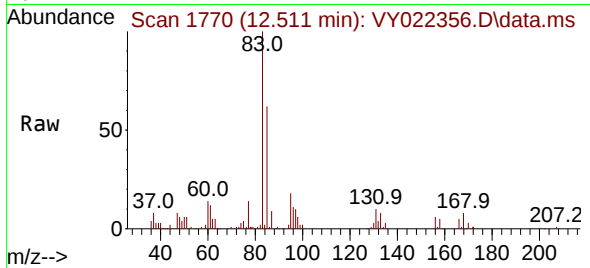




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.891 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.006 min
 Lab File: VY022356.D
 Acq: 21 May 2025 10:35

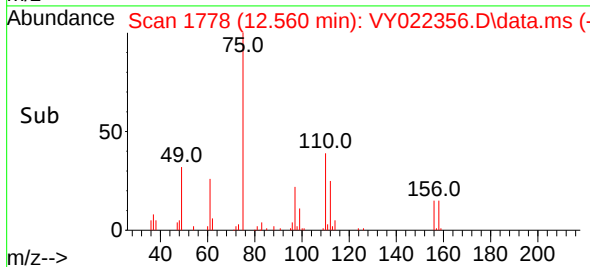
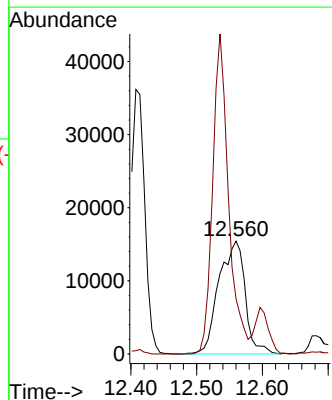
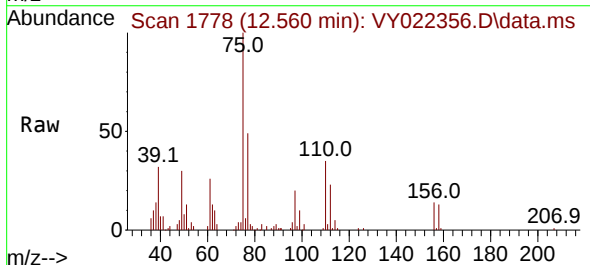
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS01

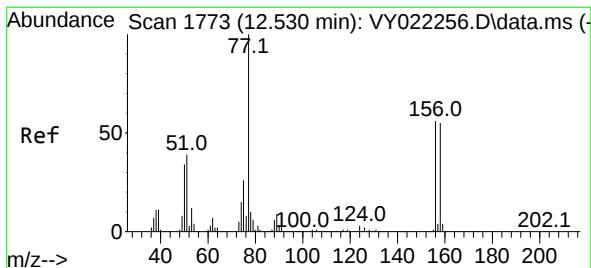
Tgt Ion: 83 Resp: 29384
 Ion Ratio Lower Upper
 83 100
 131 10.3 4.9 14.7
 85 63.7 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 38.497 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY022356.D
 Acq: 21 May 2025 10:35

Tgt Ion: 75 Resp: 43056
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.177 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

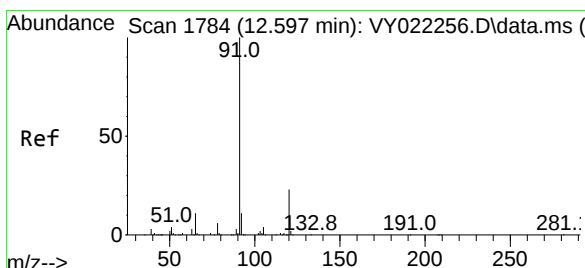
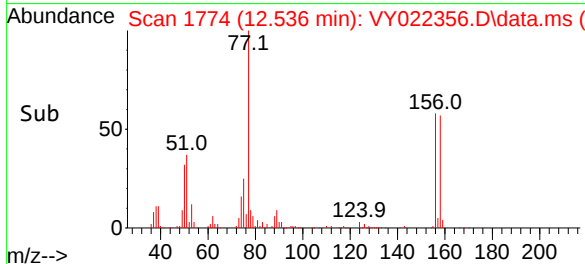
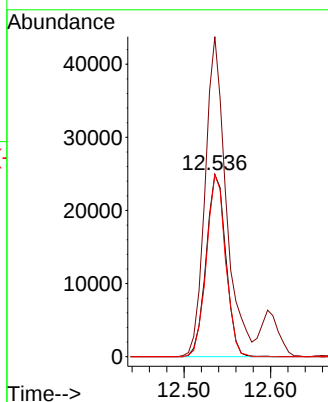
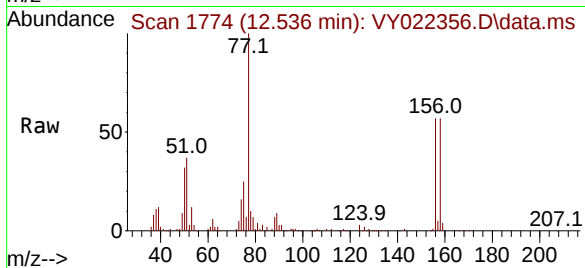
Tgt Ion:156 Resp: 39412

Ion Ratio Lower Upper

156 100

77 187.1 94.5 283.6

158 97.1 48.4 145.3



#78

n-propylbenzene

Concen: 19.909 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY022356.D

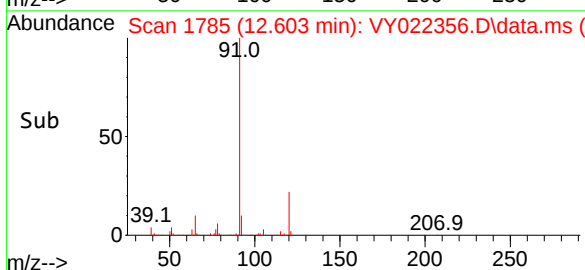
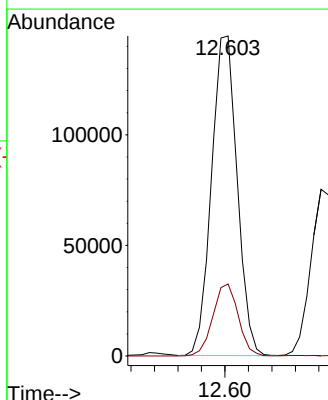
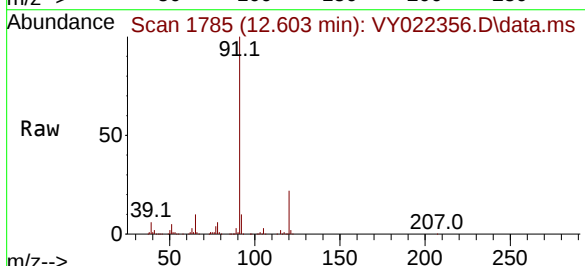
Acq: 21 May 2025 10:35

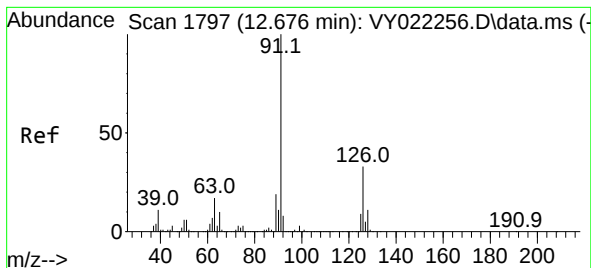
Tgt Ion: 91 Resp: 219624

Ion Ratio Lower Upper

91 100

120 22.2 11.1 33.3





#79

2-Chlorotoluene

Concen: 19.504 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

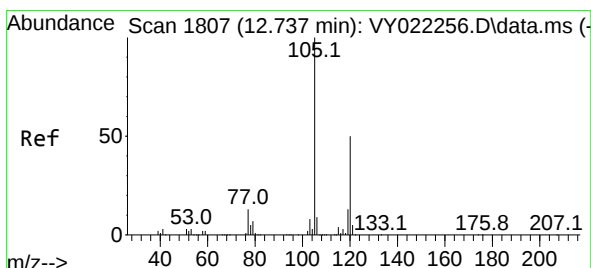
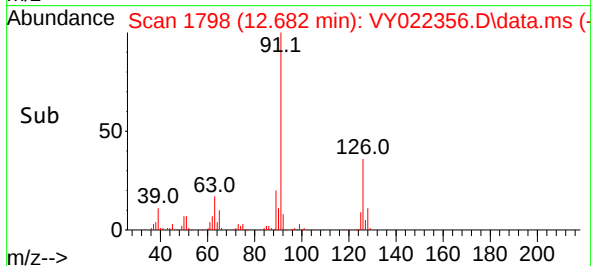
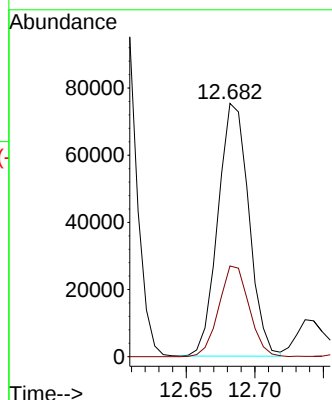
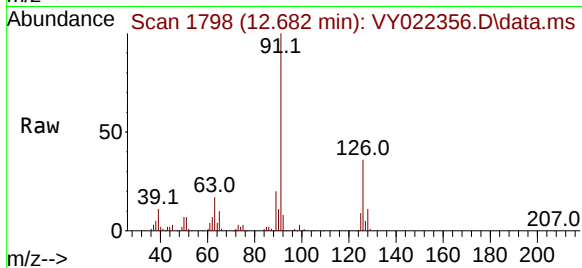
VY0521SBS01

Tgt Ion: 91 Resp: 118240

Ion Ratio Lower Upper

91 100

126 35.2 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 19.405 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VY022356.D

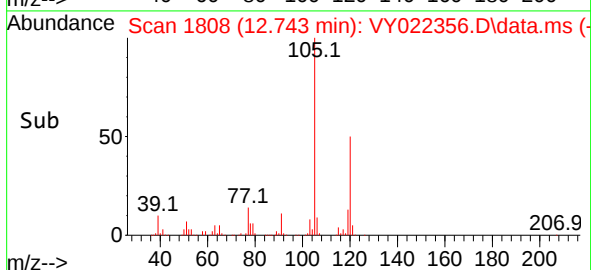
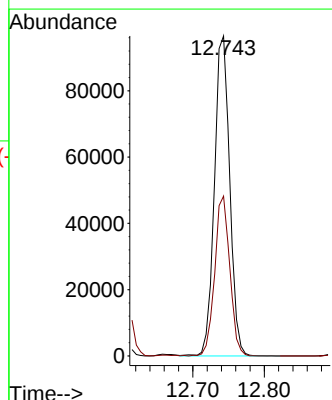
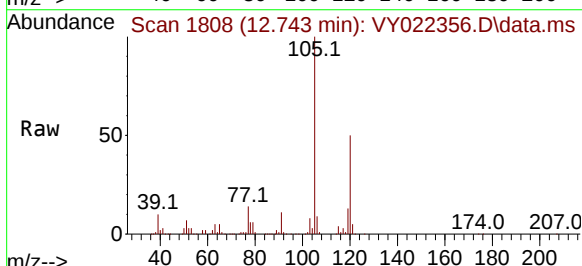
Acq: 21 May 2025 10:35

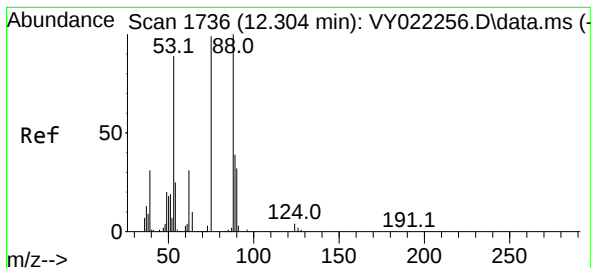
Tgt Ion:105 Resp: 143263

Ion Ratio Lower Upper

105 100

120 49.3 24.2 72.6

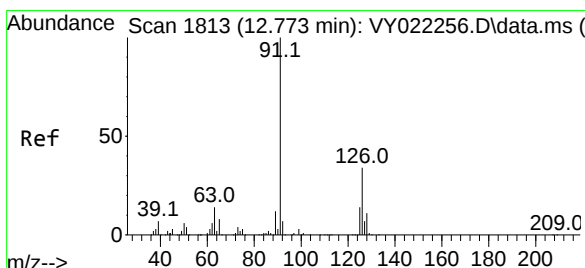
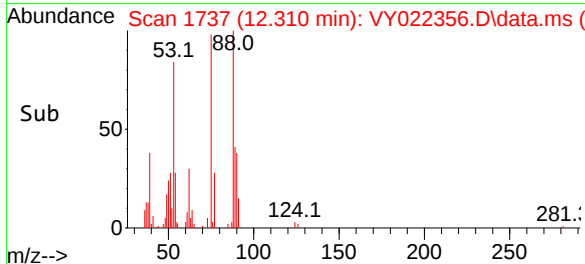
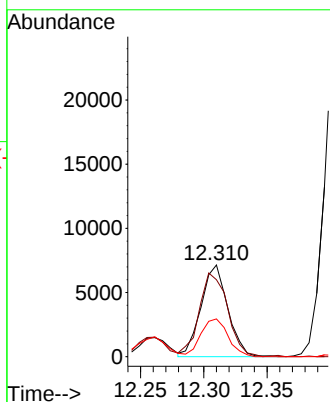
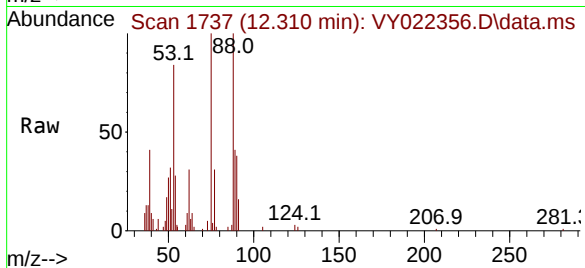




#81
trans-1,4-Dichloro-2-butene
Concen: 19.078 ug/l
RT: 12.310 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

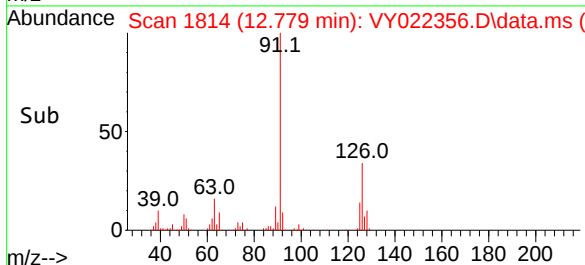
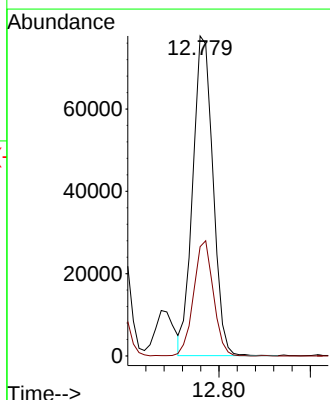
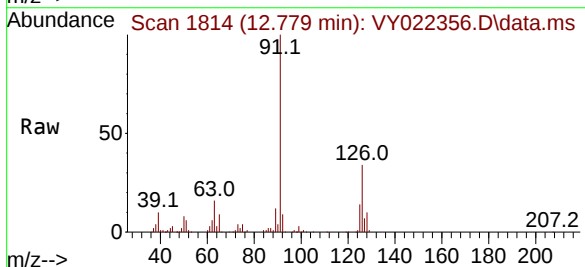
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

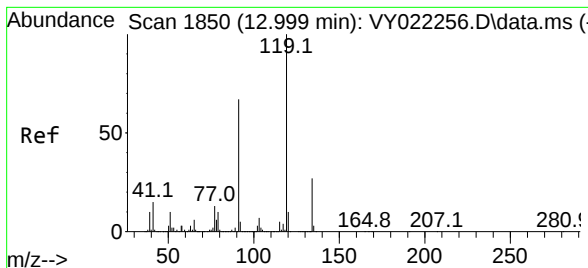
Tgt Ion: 75 Resp: 10533
Ion Ratio Lower Upper
75 100
53 95.4 75.8 113.8
89 41.5 36.2 54.2



#82
4-Chlorotoluene
Concen: 19.071 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022356.D
Acq: 21 May 2025 10:35

Tgt Ion: 91 Resp: 118914
Ion Ratio Lower Upper
91 100
126 35.5 16.8 50.4





#83

tert-Butylbenzene

Concen: 19.867 ug/l

RT: 13.005 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

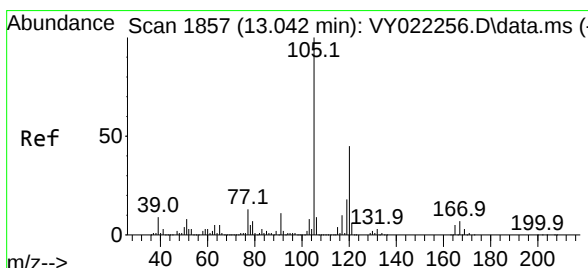
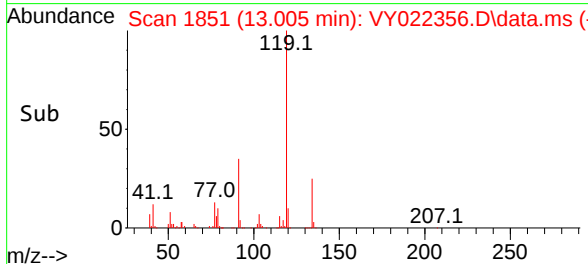
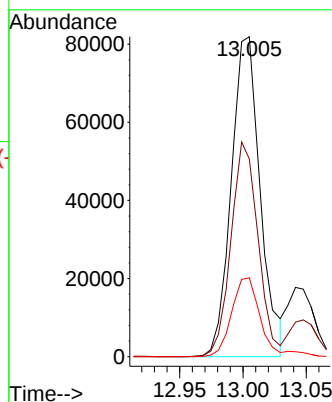
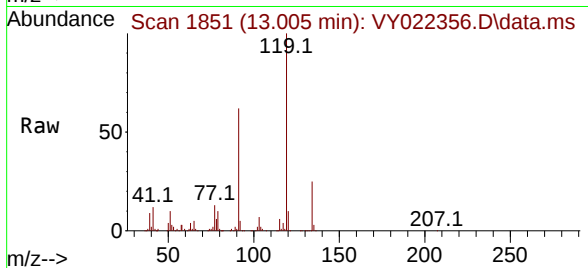
Tgt Ion:119 Resp: 130367

Ion Ratio Lower Upper

119 100

91 62.9 32.8 98.3

134 24.9 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 19.507 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY022356.D

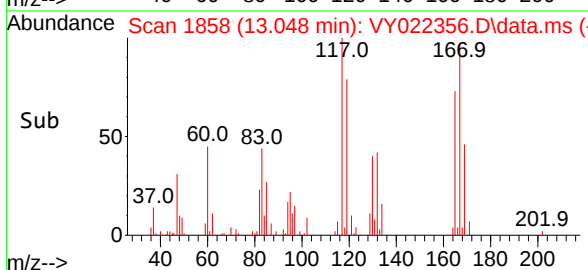
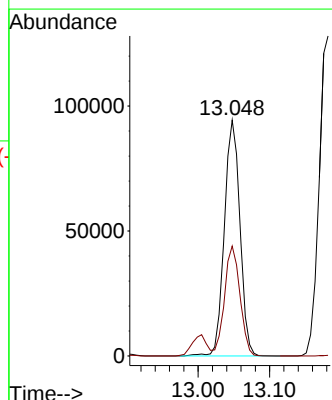
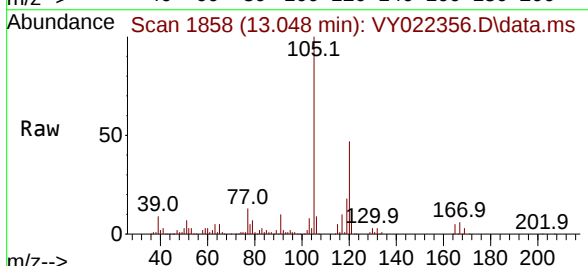
Acq: 21 May 2025 10:35

Tgt Ion:105 Resp: 142961

Ion Ratio Lower Upper

105 100

120 46.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.787 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

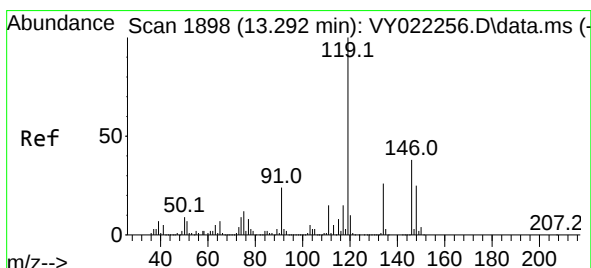
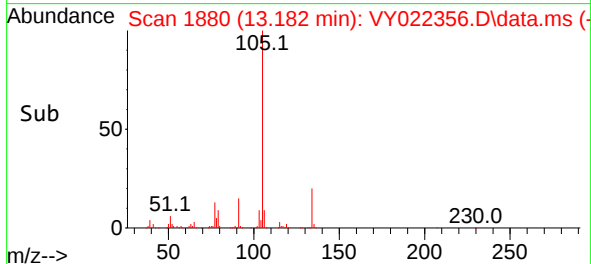
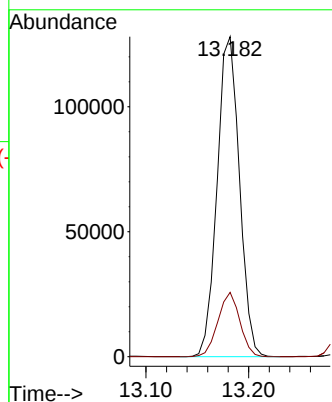
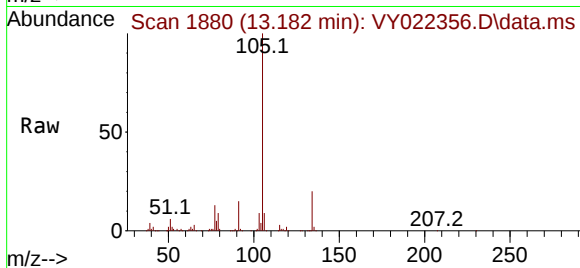
VY0521SBS01

Tgt Ion:105 Resp: 192742

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 19.282 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

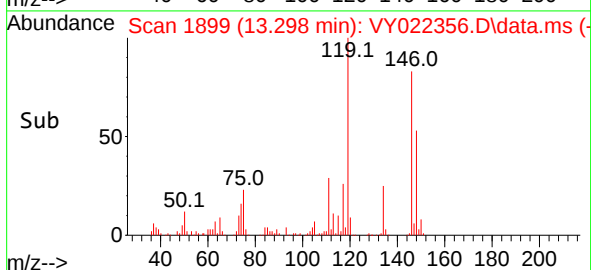
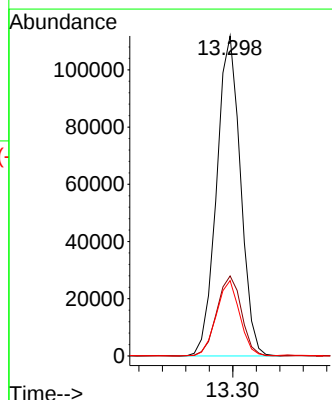
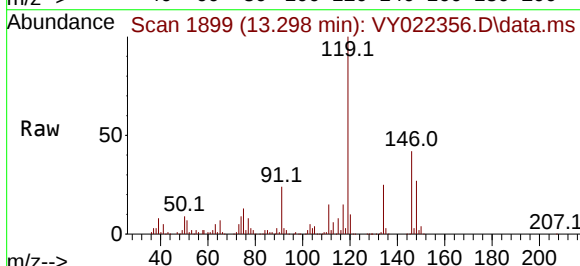
Tgt Ion:119 Resp: 157967

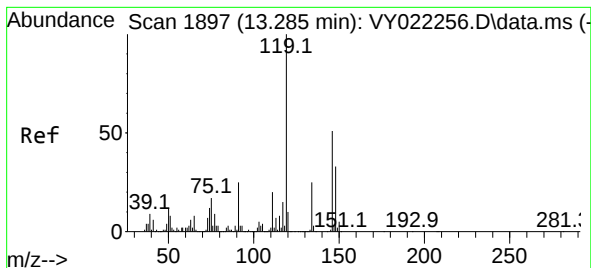
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.6

91 23.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.497 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

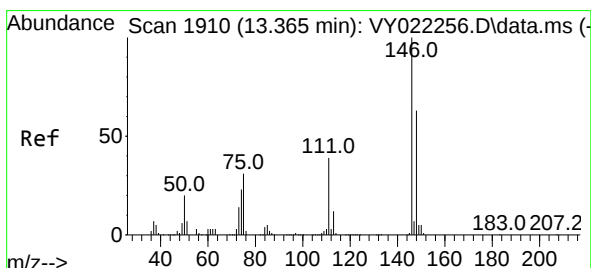
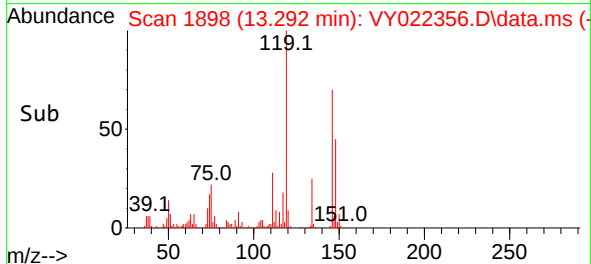
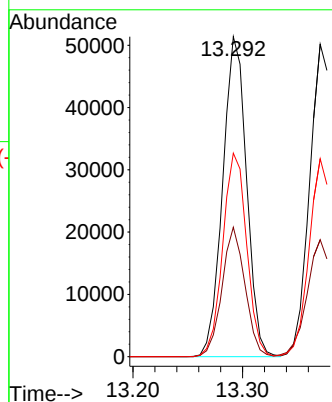
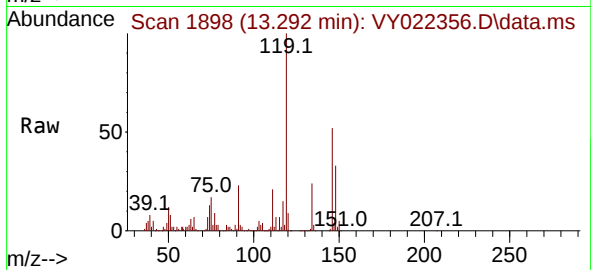
Tgt Ion:146 Resp: 77746

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

148 63.6 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 20.058 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

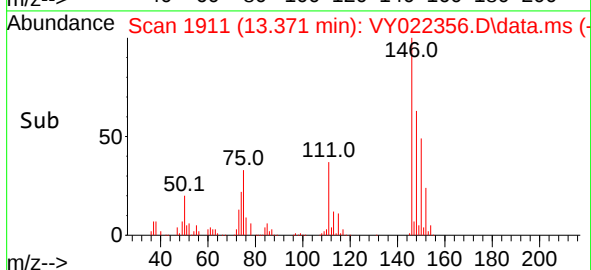
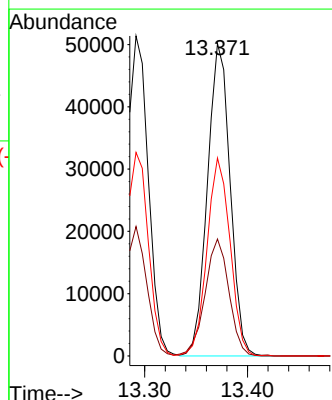
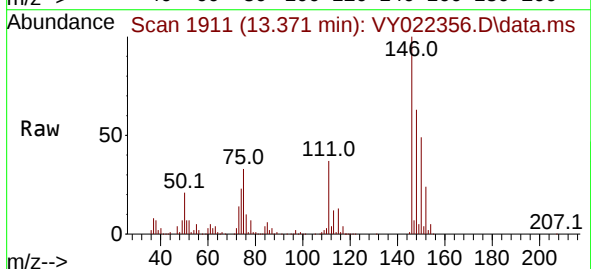
Tgt Ion:146 Resp: 76937

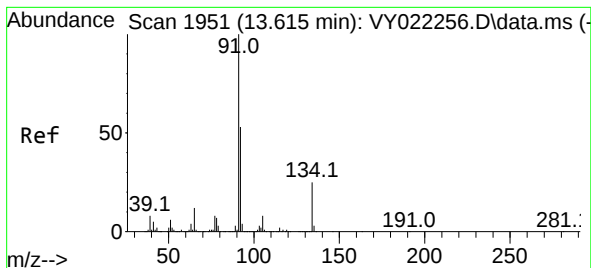
Ion Ratio Lower Upper

146 100

111 39.4 20.0 59.9

148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 19.655 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

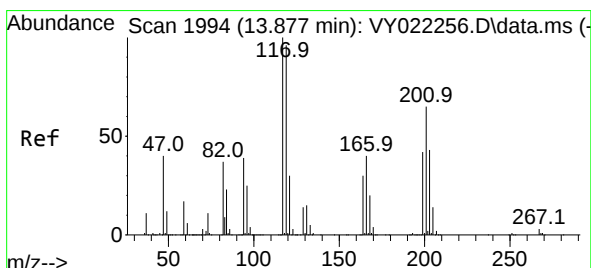
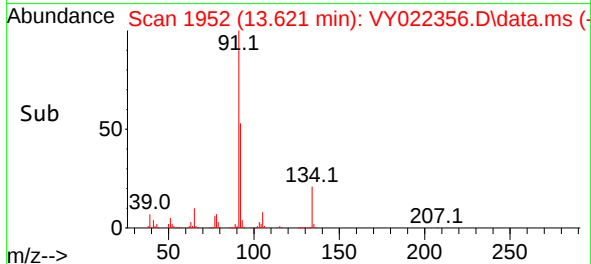
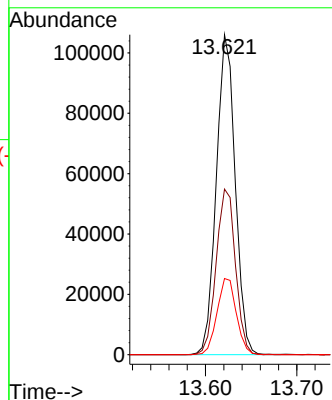
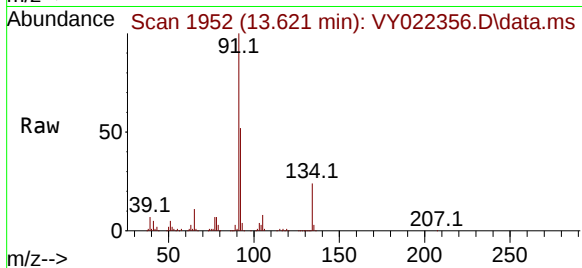
Tgt Ion: 91 Resp: 152333

Ion Ratio Lower Upper

91 100

92 53.0 26.3 78.9

134 24.4 12.4 37.4



#90

Hexachloroethane

Concen: 19.268 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022356.D

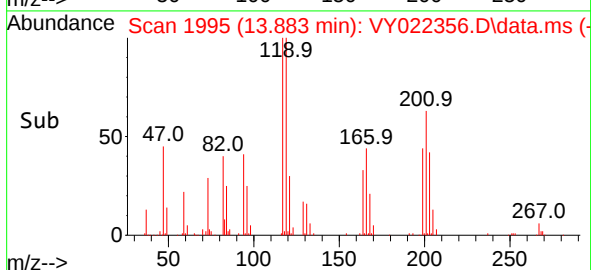
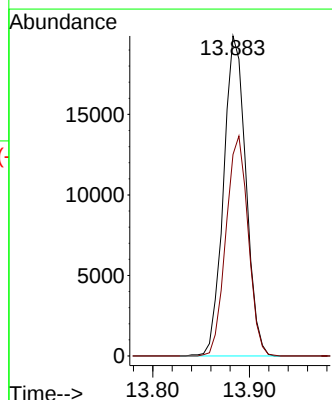
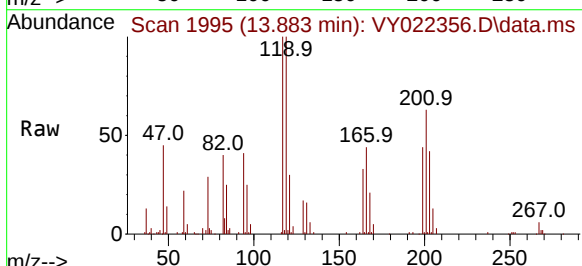
Acq: 21 May 2025 10:35

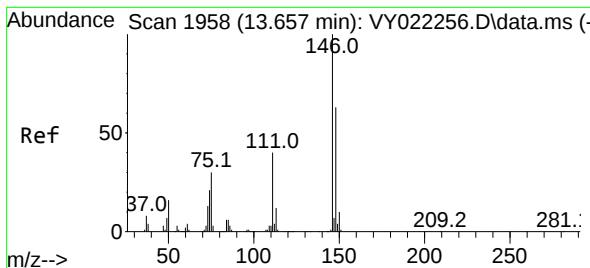
Tgt Ion: 117 Resp: 31863

Ion Ratio Lower Upper

117 100

201 68.1 35.2 105.6





#91

1,2-Dichlorobenzene

Concen: 20.111 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

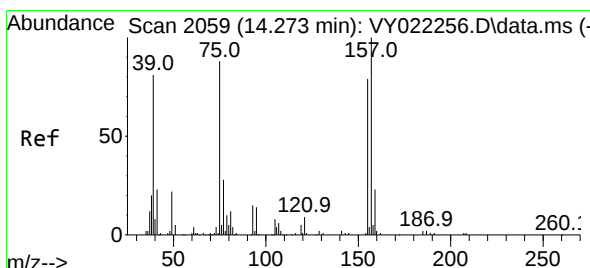
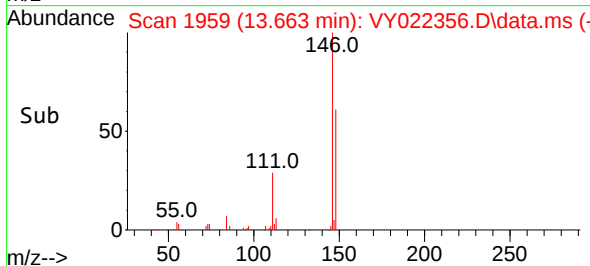
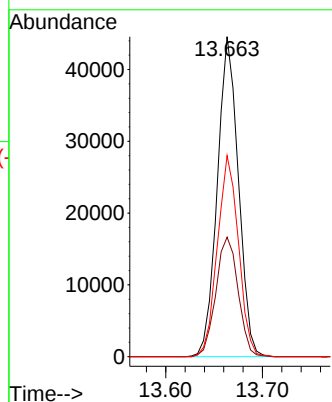
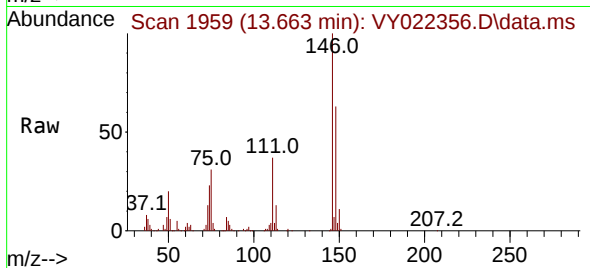
Tgt Ion:146 Resp: 67362

Ion Ratio Lower Upper

146 100

111 39.4 20.5 61.5

148 62.9 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.154 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

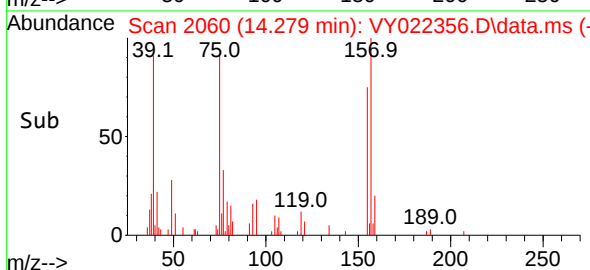
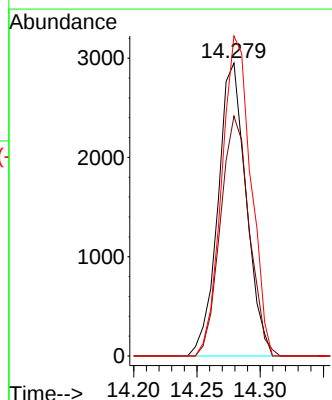
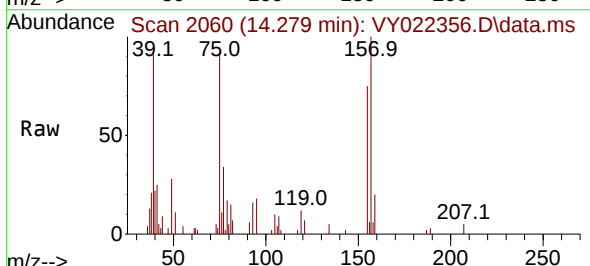
Tgt Ion: 75 Resp: 4571

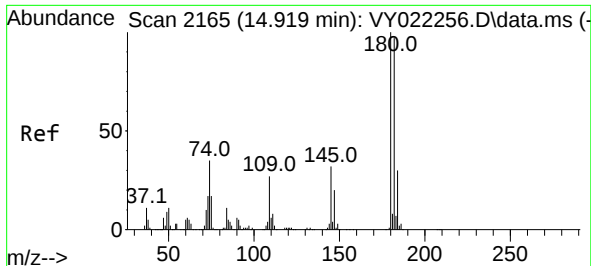
Ion Ratio Lower Upper

75 100

155 83.5 43.4 130.1

157 112.9 54.6 163.9

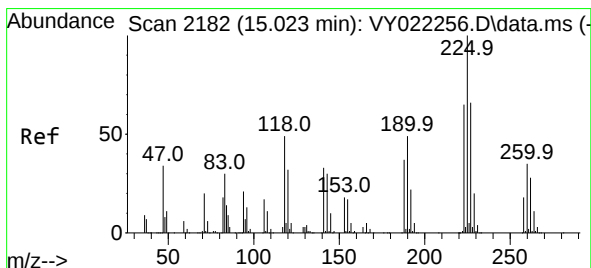
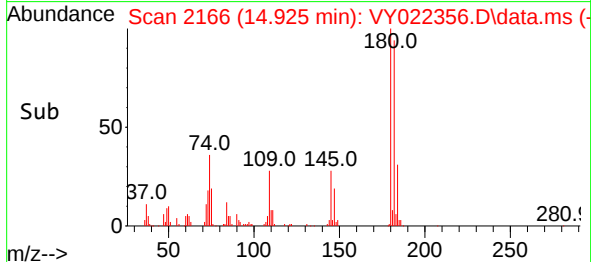
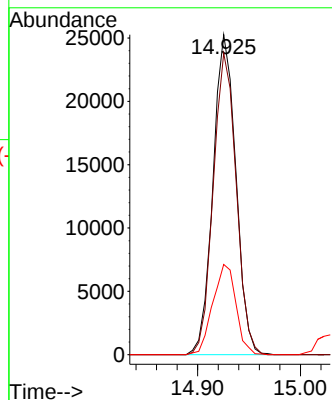
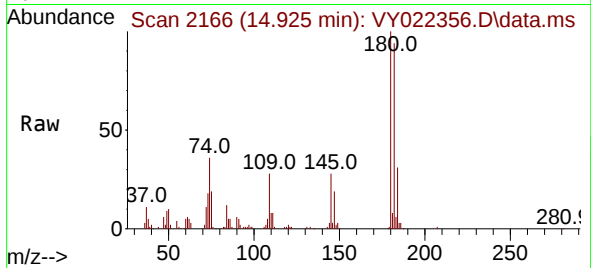




#93
 1,2,4-Trichlorobenzene
 Concen: 20.127 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.006 min
 Lab File: VY022356.D
 Acq: 21 May 2025 10:35

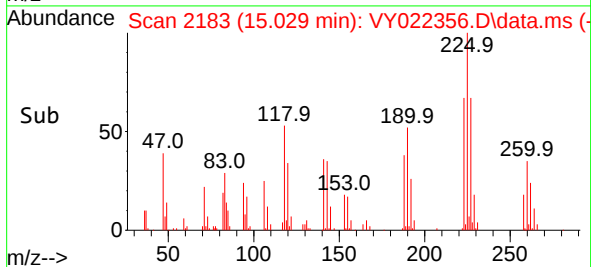
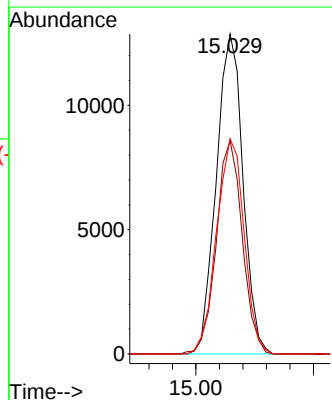
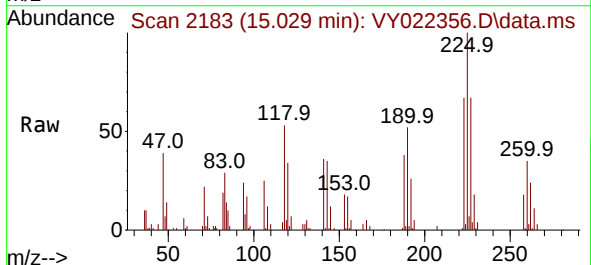
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS01

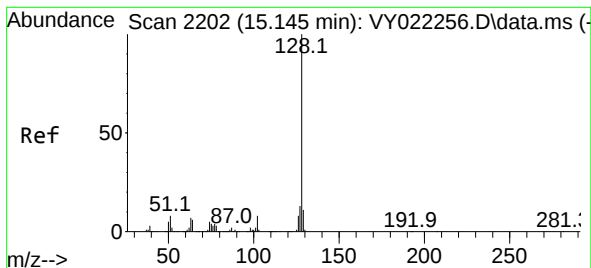
Tgt Ion:180 Resp: 38942
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.0 144.0
 145 28.6 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 18.805 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.006 min
 Lab File: VY022356.D
 Acq: 21 May 2025 10:35

Tgt Ion:225 Resp: 20290
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.5 94.5
 227 69.3 32.1 96.3





#95

Naphthalene

Concen: 20.374 ug/l

RT: 15.151 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

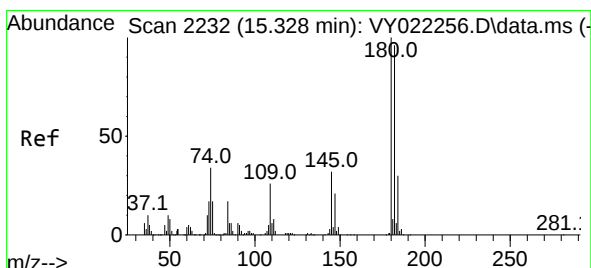
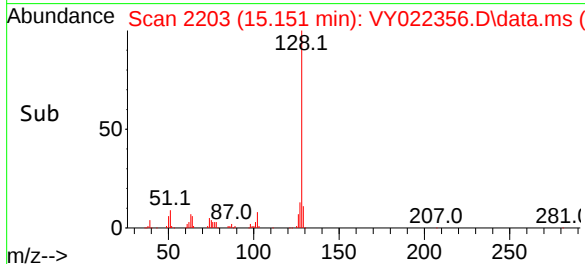
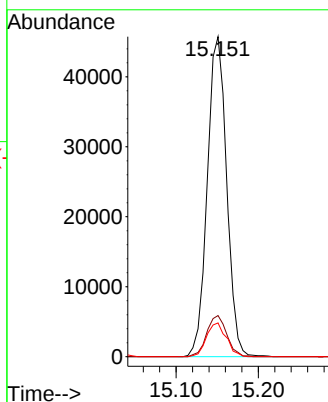
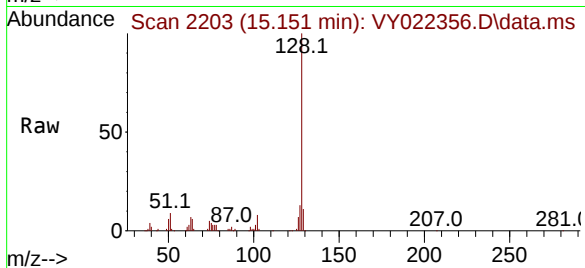
Tgt Ion:128 Resp: 74806

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.644 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022356.D

Acq: 21 May 2025 10:35

Tgt Ion:180 Resp: 32242

Ion Ratio Lower Upper

180 100

182 97.6 47.1 141.3

145 32.7 15.9 47.6

