

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050525\
 Data File : VY022148.D
 Acq On : 05 May 2025 10:17
 Operator : SY/MD
 Sample : VY0505SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0505SBS01

Quant Time: May 06 05:19:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	278339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	430328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	393385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	209502	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	125920	48.978	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.960%
35) Dibromofluoromethane	7.634	113	137332	48.306	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.620%
50) Toluene-d8	10.109	98	519993	48.516	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.407	95	174772	48.439	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.880%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	48796	20.574	ug/l	100
3) Chloromethane	2.068	50	63002	18.656	ug/l	98
4) Vinyl Chloride	2.202	62	81425	19.621	ug/l	98
5) Bromomethane	2.592	94	72343	20.234	ug/l	95
6) Chloroethane	2.732	64	57058	20.188	ug/l	97
7) Trichlorofluoromethane	3.055	101	113669	20.772	ug/l	95
8) Diethyl Ether	3.452	74	30207	21.208	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.811	101	62216	20.958	ug/l	99
10) Methyl Iodide	4.007	142	66651	19.392	ug/l	98
11) Tert butyl alcohol	4.866	59	15270	108.187	ug/l #	88
12) 1,1-Dichloroethene	3.793	96	57099	20.636	ug/l	95
13) Acrolein	3.653	56	12848	50.717	ug/l	99
14) Allyl chloride	4.385	41	66330	20.588	ug/l	99
15) Acrylonitrile	5.055	53	55315	106.083	ug/l	99
16) Acetone	3.872	43	39800	105.963	ug/l	99
17) Carbon Disulfide	4.110	76	173566	19.673	ug/l	99
18) Methyl Acetate	4.391	43	29081	24.215	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	130362	21.050	ug/l	97
20) Methylene Chloride	4.616	84	70498	21.685	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	62834	20.277	ug/l	95
22) Diisopropyl ether	6.024	45	156404	21.814	ug/l	98
23) Vinyl Acetate	5.957	43	399269	103.328	ug/l	100
24) 1,1-Dichloroethane	5.921	63	105587	21.245	ug/l	97
25) 2-Butanone	6.896	43	60604	103.413	ug/l	94
26) 2,2-Dichloropropane	6.884	77	94987	21.806	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	71338	20.588	ug/l	97
28) Bromochloromethane	7.244	49	39685	20.558	ug/l	100
29) Tetrahydrofuran	7.262	42	39553	103.917	ug/l	96
30) Chloroform	7.421	83	117982	21.402	ug/l	99
31) Cyclohexane	7.701	56	87134	20.502	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	105680	21.189	ug/l	99
36) 1,1-Dichloropropene	7.835	75	81491	21.339	ug/l	98
37) Ethyl Acetate	6.988	43	29484	21.497	ug/l	98
38) Carbon Tetrachloride	7.817	117	96698	21.190	ug/l	97
39) Methylcyclohexane	9.109	83	98904	20.580	ug/l	93
40) Benzene	8.079	78	251594	21.076	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	12806	17.080	ug/l #	72
42) 1,2-Dichloroethane	8.158	62	65776	22.255	ug/l	100
43) Isopropyl Acetate	8.195	43	54824	20.814	ug/l	97
44) Trichloroethene	8.865	130	70239	21.242	ug/l	93
45) 1,2-Dichloropropane	9.140	63	57088	21.625	ug/l	97
46) Dibromomethane	9.231	93	34924	21.133	ug/l	99
47) Bromodichloromethane	9.426	83	89301	21.631	ug/l	95
48) Methyl methacrylate	9.219	41	25748	21.146	ug/l	100
49) 1,4-Dioxane	9.231	88	7171	407.122	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	149456	108.242	ug/l	97
52) Toluene	10.170	92	163538	21.164	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	75653	21.364	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	88548	21.036	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	46999	21.291	ug/l	97
56) Ethyl methacrylate	10.438	69	51580	20.433	ug/l	96
57) 1,3-Dichloropropane	10.719	76	75869	21.439	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	125334	101.547	ug/l	99
59) 2-Hexanone	10.761	43	96724	106.206	ug/l	97
60) Dibromochloromethane	10.914	129	64549	21.121	ug/l	100
61) 1,2-Dibromoethane	11.017	107	44870	21.531	ug/l	96
64) Tetrachloroethene	10.652	164	81301	21.908	ug/l	92
65) Chlorobenzene	11.444	112	187475	21.311	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	66154	21.360	ug/l	99
67) Ethyl Benzene	11.517	91	291549	20.260	ug/l	98
68) m/p-Xylenes	11.627	106	242458	42.341	ug/l	99
69) o-Xylene	11.956	106	107465	20.361	ug/l	96
70) Styrene	11.969	104	183329	20.688	ug/l	99
71) Bromoform	12.133	173	37567	20.863	ug/l #	99
73) Isopropylbenzene	12.255	105	289313	20.670	ug/l	100
74) N-amyl acetate	12.072	43	46534	19.350	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	48444	20.529	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	66073	36.820	ug/l #	100
77) Bromobenzene	12.536	156	72220	20.419	ug/l	96
78) n-propylbenzene	12.596	91	346937	20.814	ug/l	100
79) 2-Chlorotoluene	12.682	91	202404	20.879	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	241006	20.898	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	14532	19.502	ug/l	88
82) 4-Chlorotoluene	12.779	91	212250	21.063	ug/l	99
83) tert-Butylbenzene	12.999	119	210708	20.372	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	243968	21.150	ug/l	99
85) sec-Butylbenzene	13.176	105	316220	20.893	ug/l	100
86) p-Isopropyltoluene	13.291	119	264257	20.562	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	148429	20.663	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	147690	20.759	ug/l	99
89) n-Butylbenzene	13.621	91	234967	20.454	ug/l	99
90) Hexachloroethane	13.883	117	59652	21.125	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	130998	20.908	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7151	19.047	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	71753	20.210	ug/l	99
94) Hexachlorobutadiene	15.023	225	43802	20.052	ug/l	99
95) Naphthalene	15.145	128	112613	19.094	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	62663	20.446	ug/l	97

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

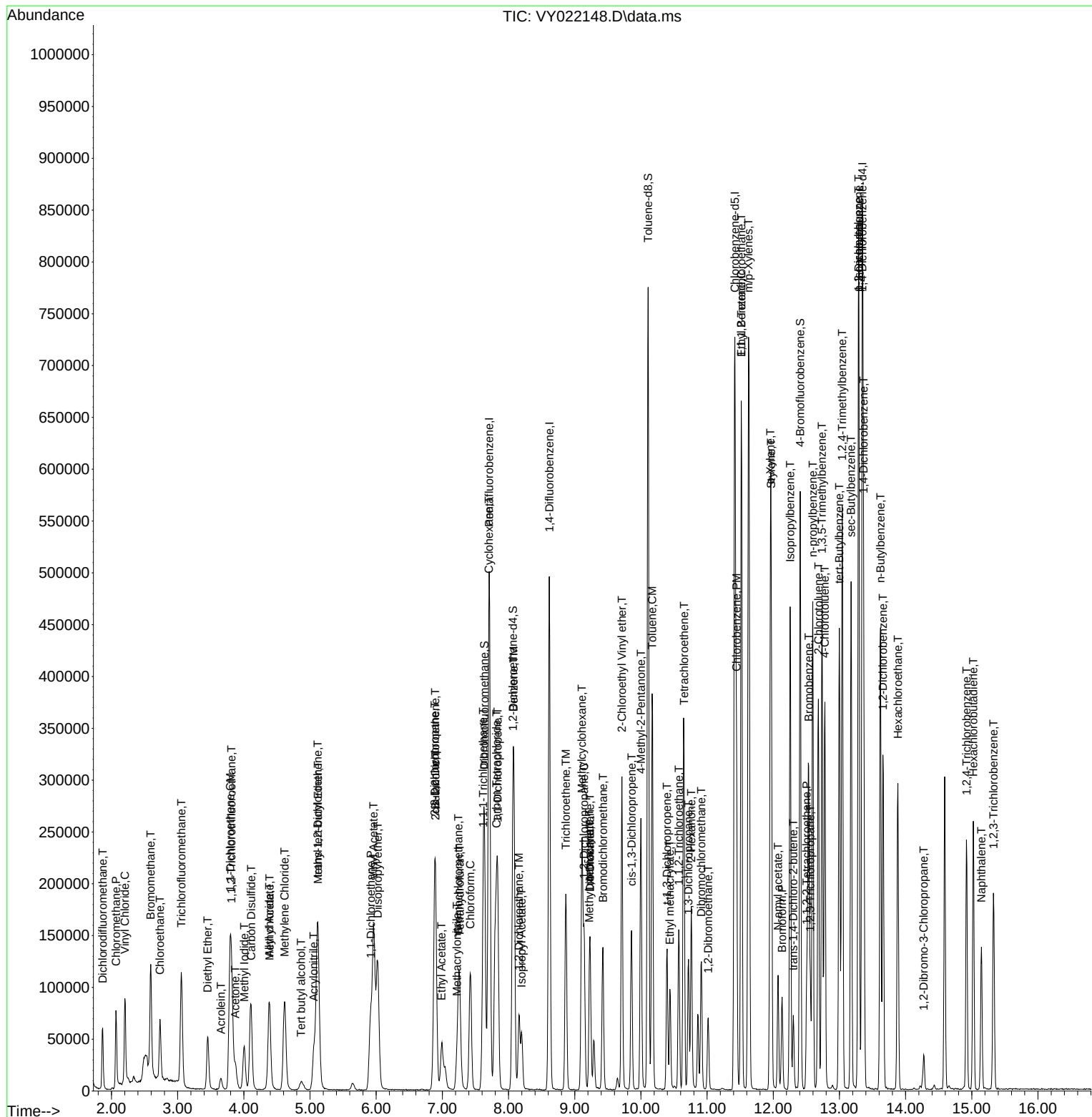
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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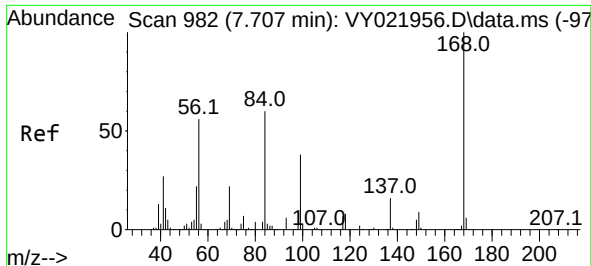
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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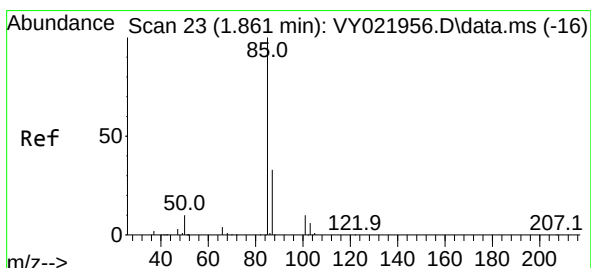
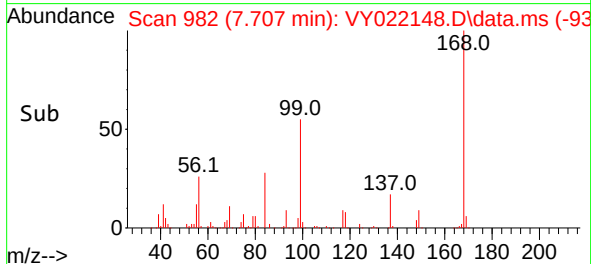
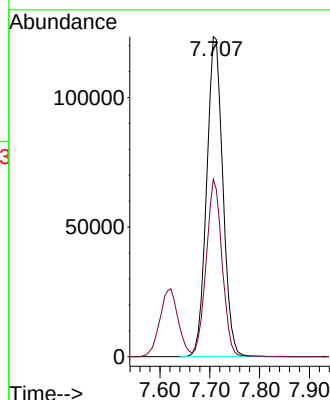
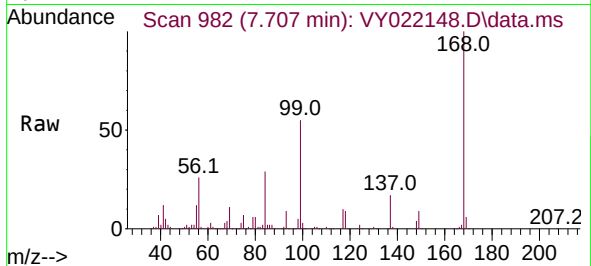




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022148.D
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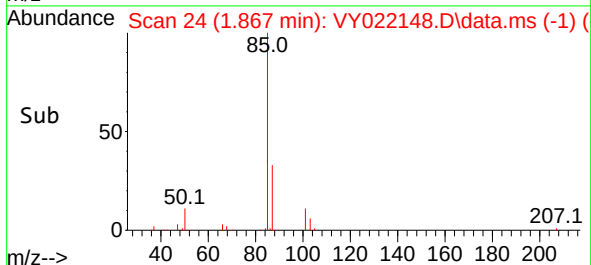
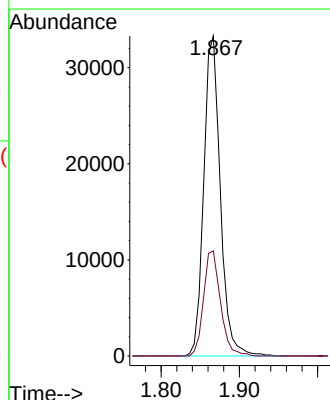
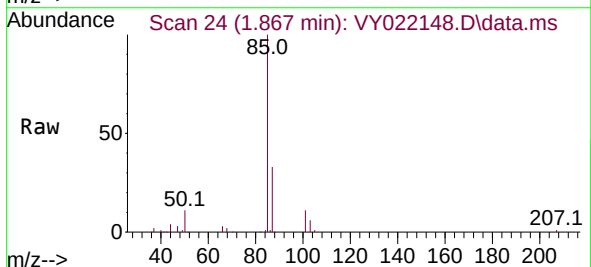
Instrument :
MSVOA_Y
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VY0505SBSD01

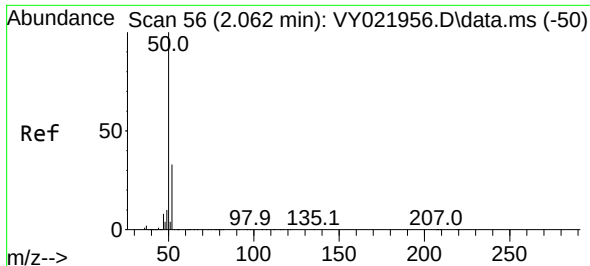
Tgt Ion:168 Resp: 278339
Ion Ratio Lower Upper
168 100
99 55.3 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 20.574 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 85 Resp: 48796
Ion Ratio Lower Upper
85 100
87 32.8 16.6 49.7

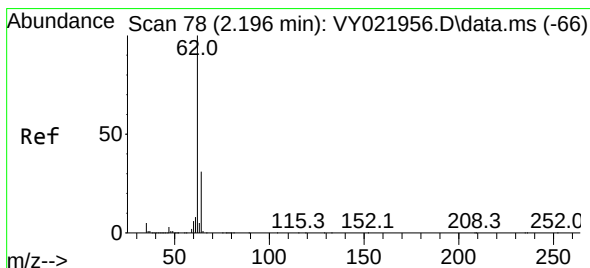
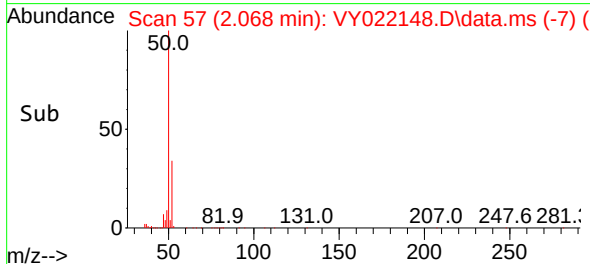
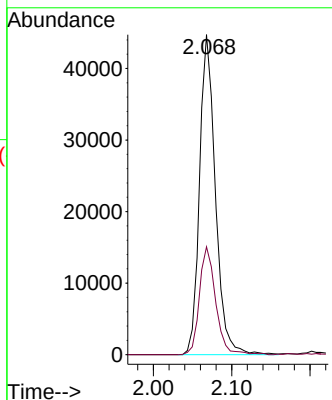
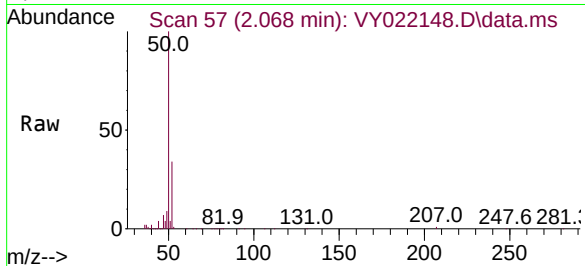




#3
Chloromethane
Concen: 18.656 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

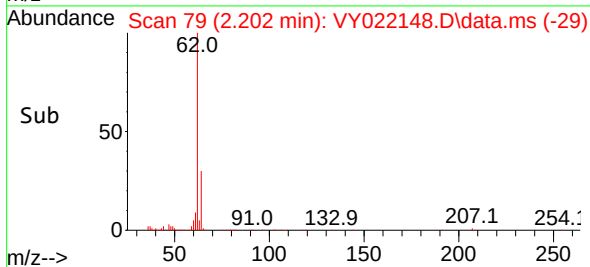
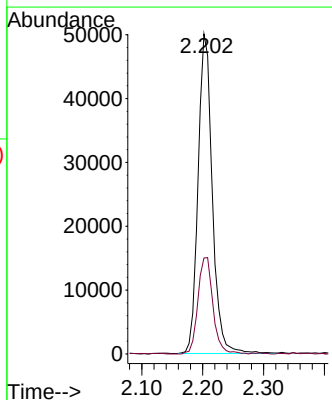
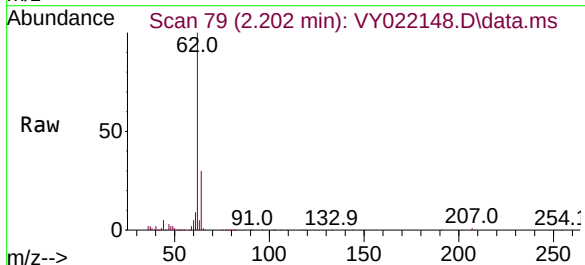
Instrument :
MSVOA_Y
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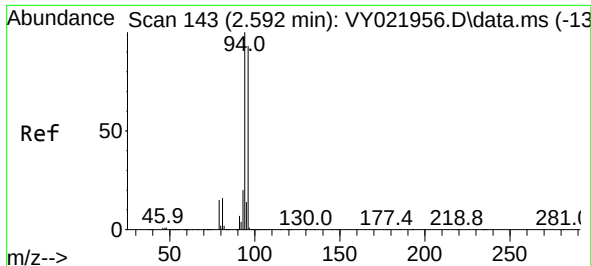
Tgt Ion: 50 Resp: 63002
Ion Ratio Lower Upper
50 100
52 33.7 26.1 39.1



#4
Vinyl Chloride
Concen: 19.621 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 62 Resp: 81425
Ion Ratio Lower Upper
62 100
64 30.1 25.1 37.7

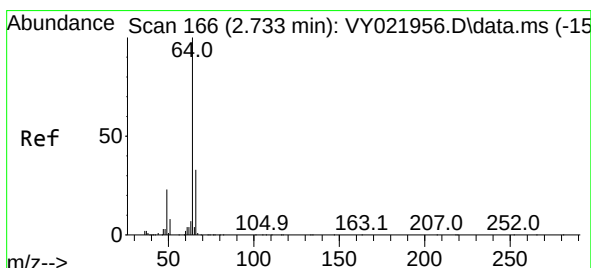
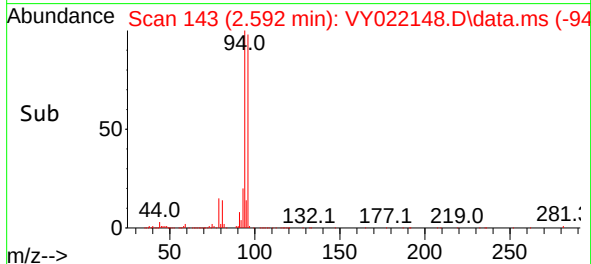
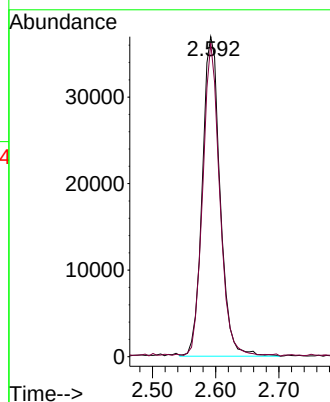
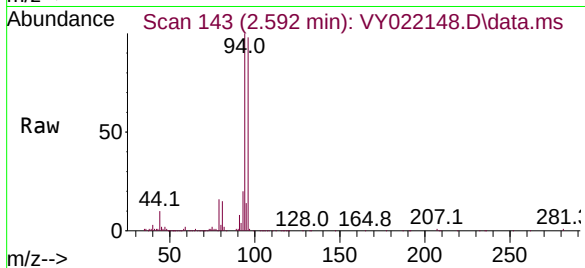




#5
Bromomethane
Concen: 20.234 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022148.D
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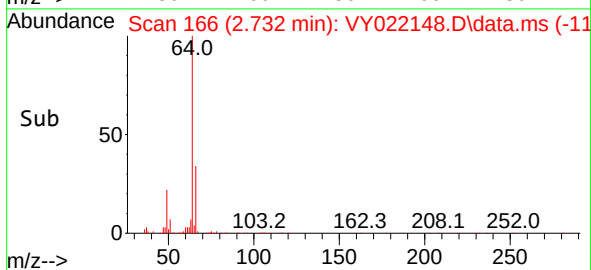
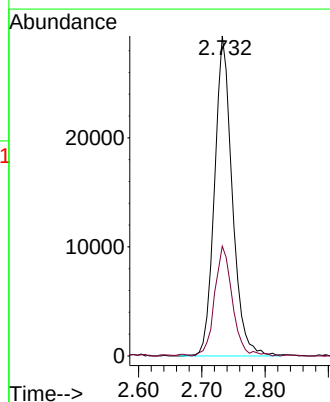
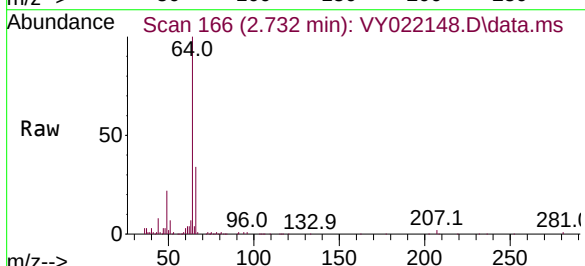
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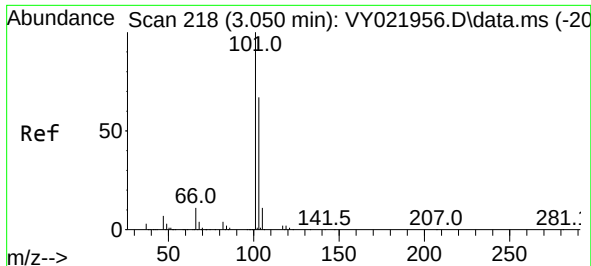
Tgt Ion: 94 Resp: 72343
Ion Ratio Lower Upper
94 100
96 97.9 74.6 111.8



#6
Chloroethane
Concen: 20.188 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022148.D
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Tgt Ion: 64 Resp: 57058
Ion Ratio Lower Upper
64 100
66 34.3 26.2 39.4

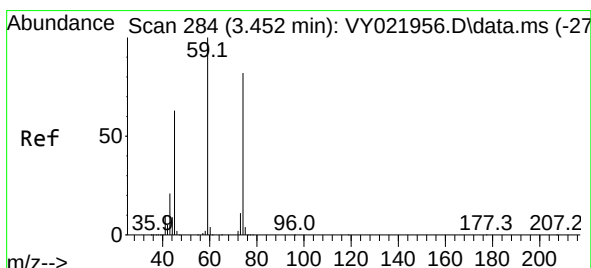
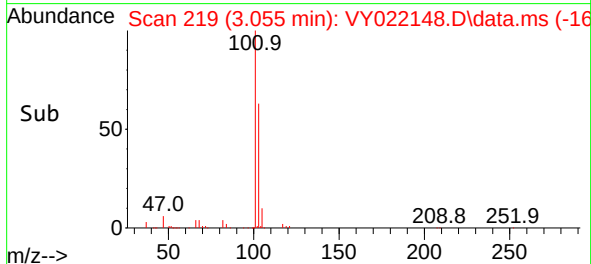
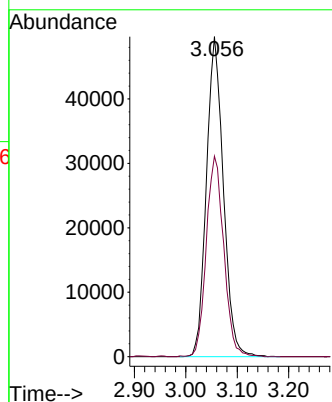
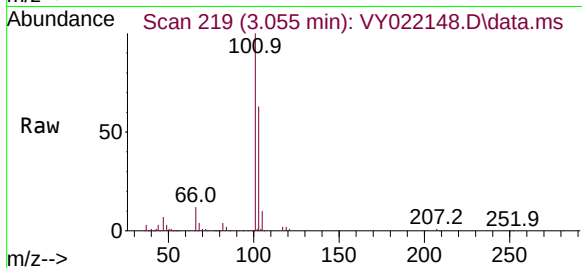




#7
 Trichlorofluoromethane
 Concen: 20.772 ug/l
 RT: 3.055 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022148.D
 Acq: 05 May 2025 10:17

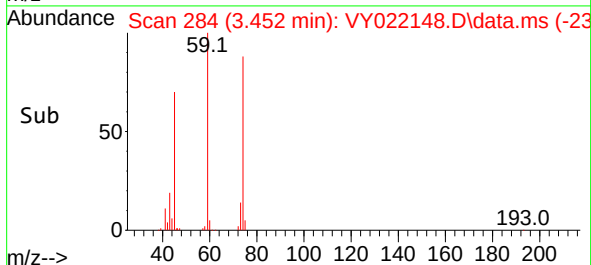
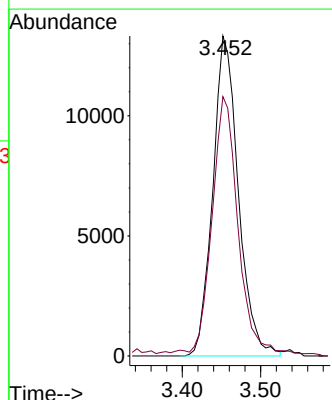
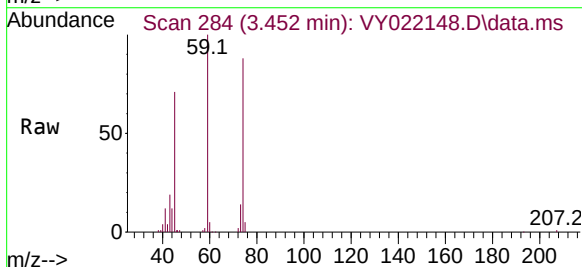
Instrument :
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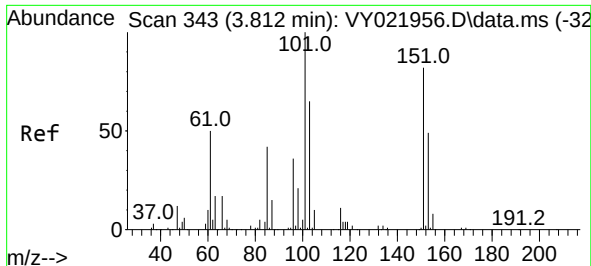
Tgt Ion:101 Resp: 113669
 Ion Ratio Lower Upper
 101 100
 103 62.6 53.6 80.4



#8
 Diethyl Ether
 Concen: 21.208 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY022148.D
 Acq: 05 May 2025 10:17

Tgt Ion: 74 Resp: 30207
 Ion Ratio Lower Upper
 74 100
 45 84.8 39.1 117.5

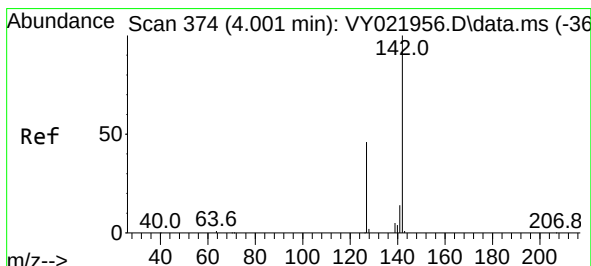
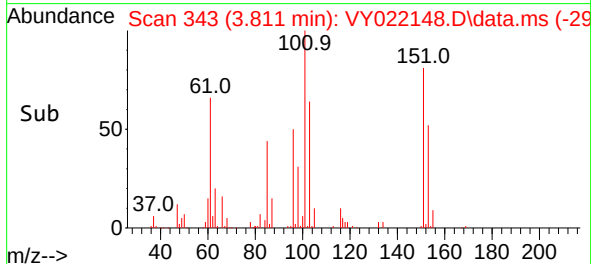
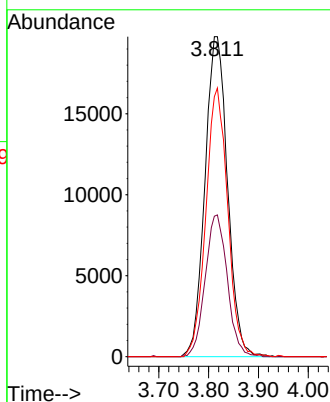
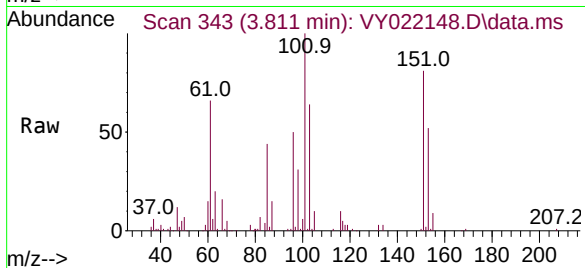




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.958 ug/l
RT: 3.811 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

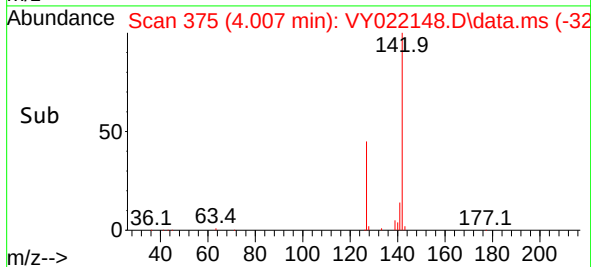
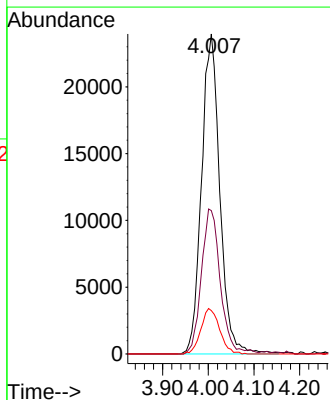
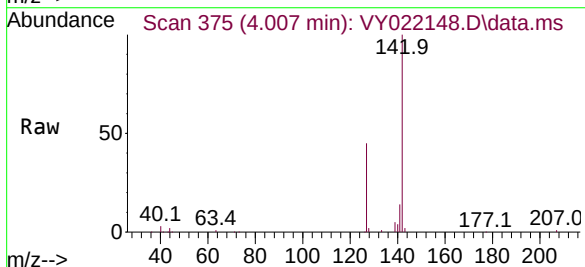
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBSD01

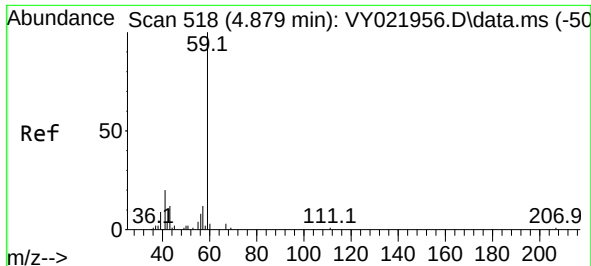
Tgt Ion:101 Resp: 62216
Ion Ratio Lower Upper
101 100
85 43.4 34.6 51.8
151 81.2 63.7 95.5



#10
Methyl Iodide
Concen: 19.392 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion:142 Resp: 66651
Ion Ratio Lower Upper
142 100
127 46.8 36.2 54.2
141 14.5 11.7 17.5

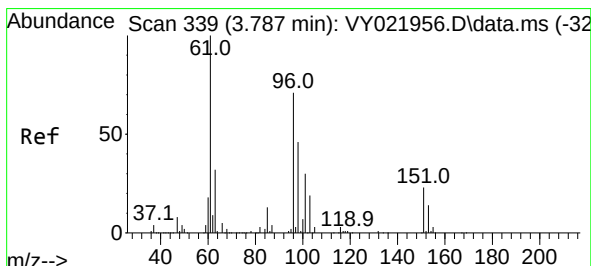
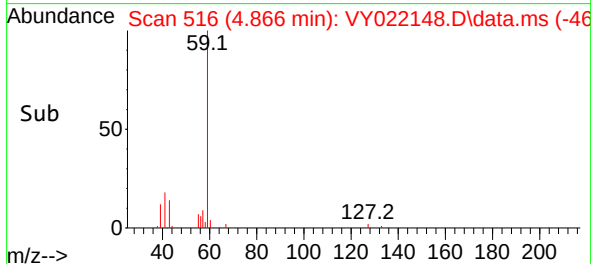
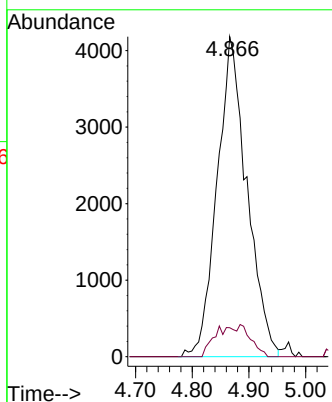
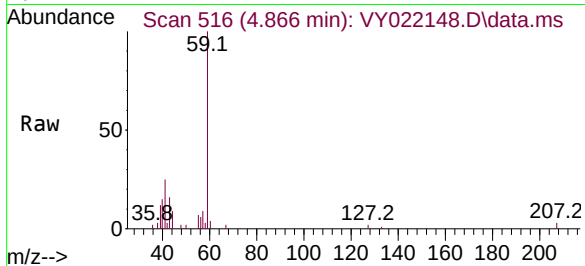




#11
Tert butyl alcohol
Concen: 108.187 ug/l
RT: 4.866 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

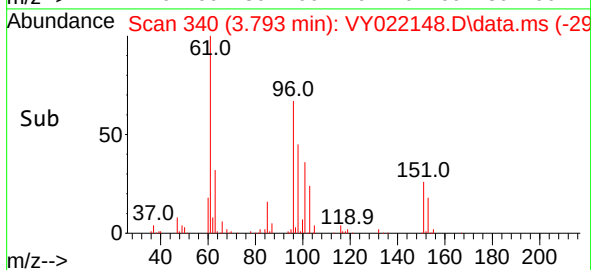
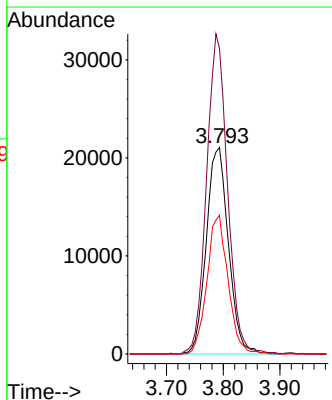
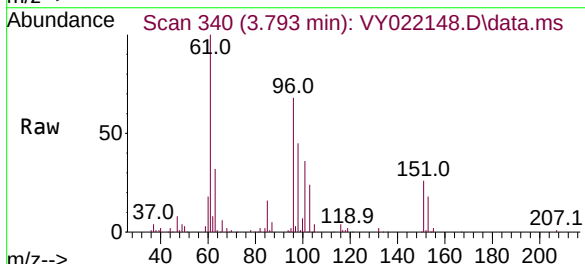
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBSD01

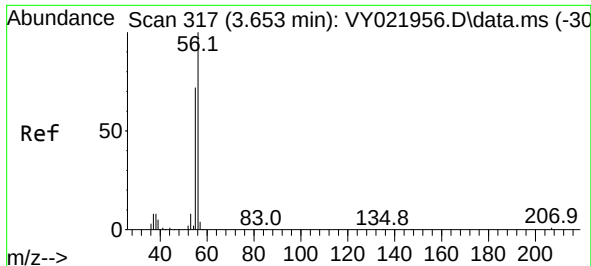
Tgt Ion: 59 Resp: 15270
Ion Ratio Lower Upper
59 100
57 7.1 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 20.636 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 96 Resp: 57099
Ion Ratio Lower Upper
96 100
61 147.9 113.0 169.4
98 67.2 51.4 77.2

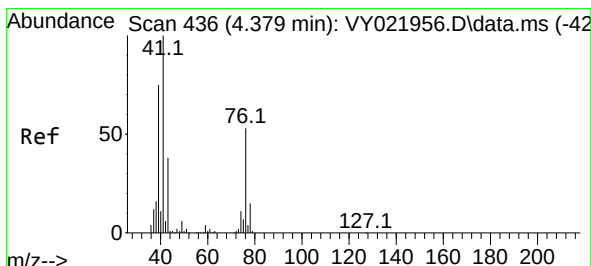
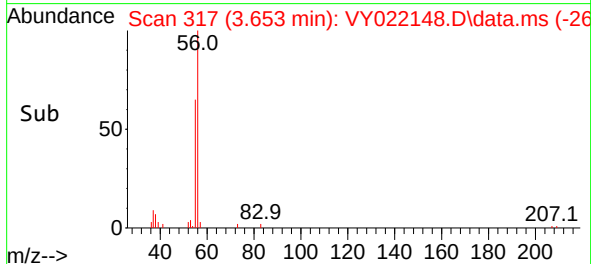
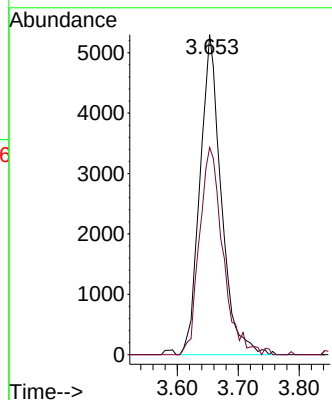
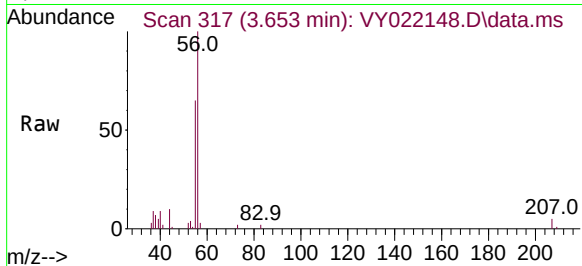




#13
Acrolein
Concen: 50.717 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

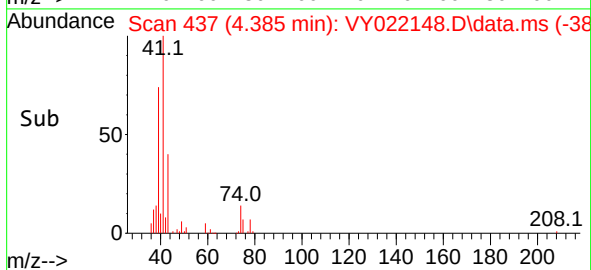
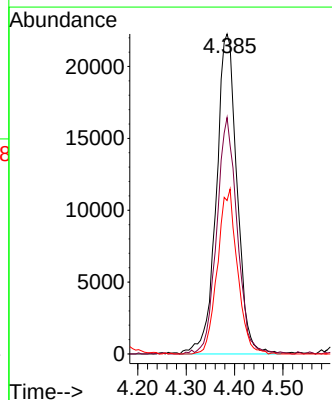
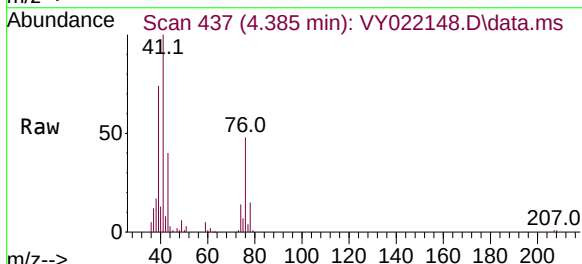
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBSD01

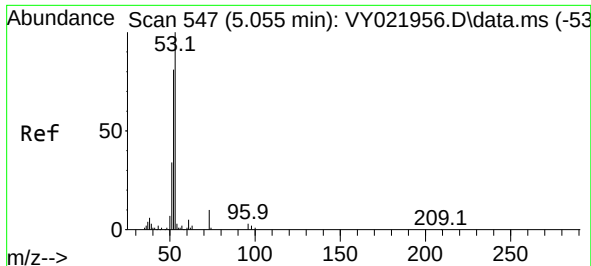
Tgt Ion: 56 Resp: 12848
Ion Ratio Lower Upper
56 100
55 71.0 57.4 86.0



#14
Allyl chloride
Concen: 20.588 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 41 Resp: 66330
Ion Ratio Lower Upper
41 100
39 72.9 57.2 85.8
76 49.6 39.7 59.5

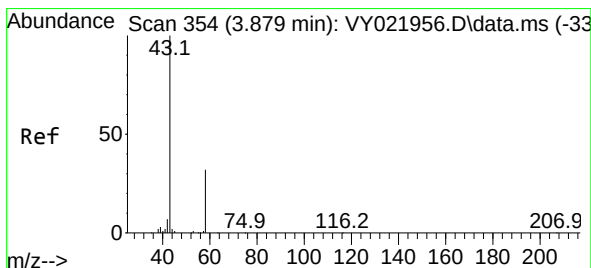
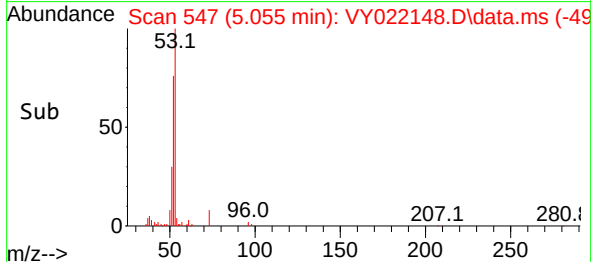
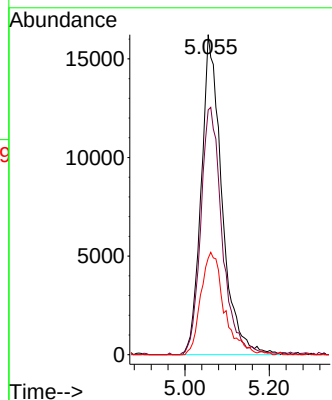
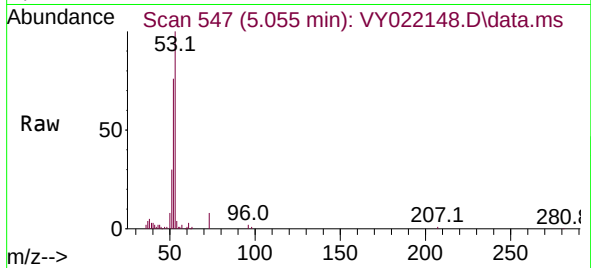




#15
Acrylonitrile
Concen: 106.083 ug/l
RT: 5.055 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

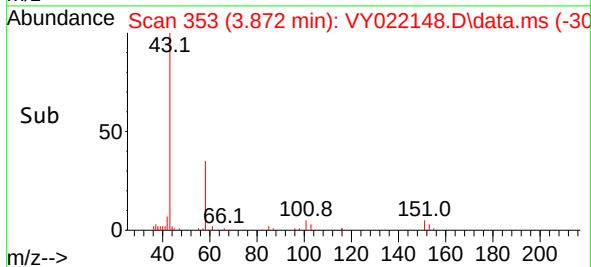
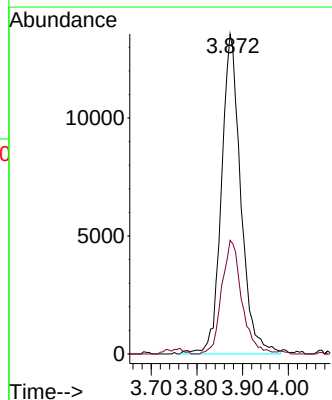
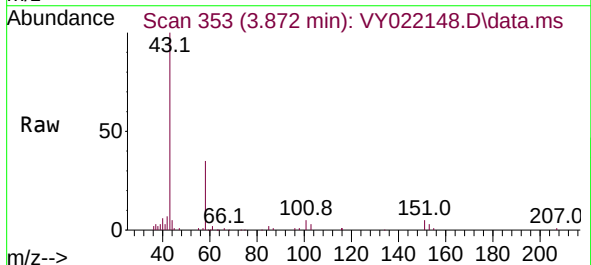
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBSD01

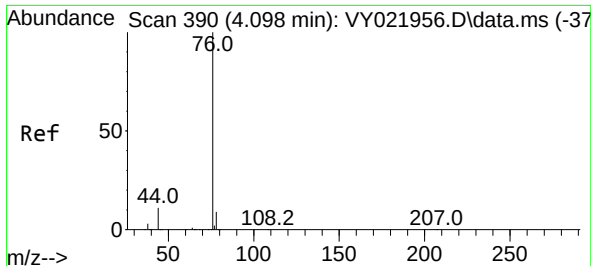
Tgt Ion: 53 Resp: 55315
Ion Ratio Lower Upper
53 100
52 80.1 65.0 97.6
51 36.0 28.9 43.3



#16
Acetone
Concen: 105.963 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 43 Resp: 39800
Ion Ratio Lower Upper
43 100
58 34.5 27.0 40.4

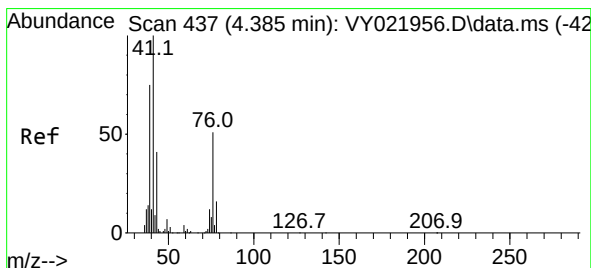
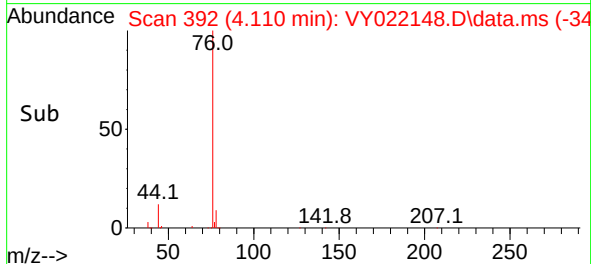
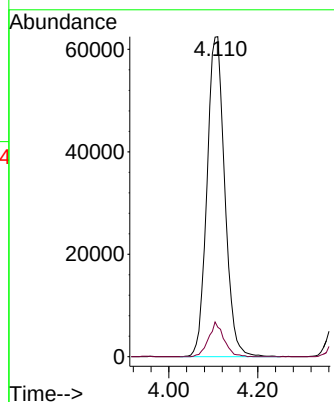
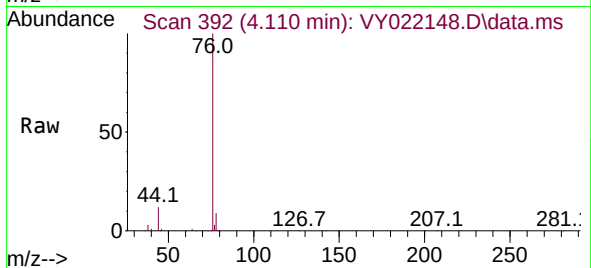




#17
Carbon Disulfide
Concen: 19.673 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

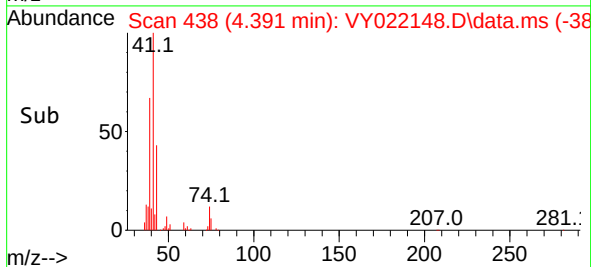
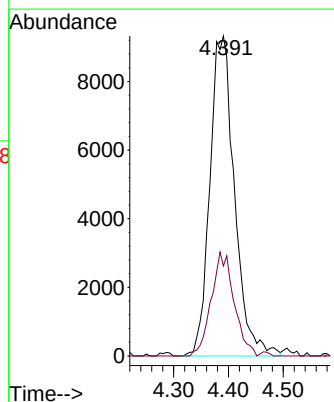
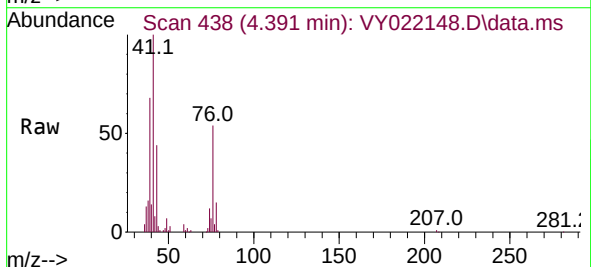
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBSD01

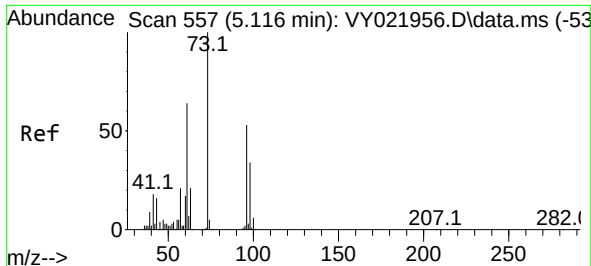
Tgt Ion: 76 Resp: 173566
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 24.215 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 43 Resp: 29081
Ion Ratio Lower Upper
43 100
74 30.1 24.2 36.4

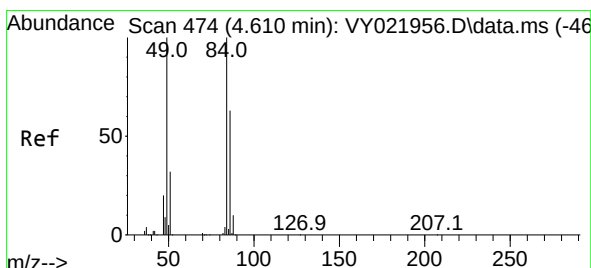
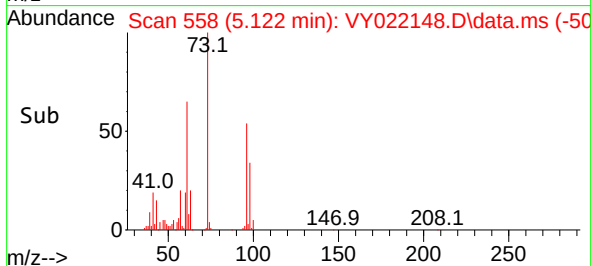
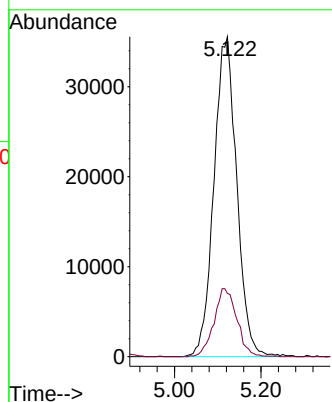
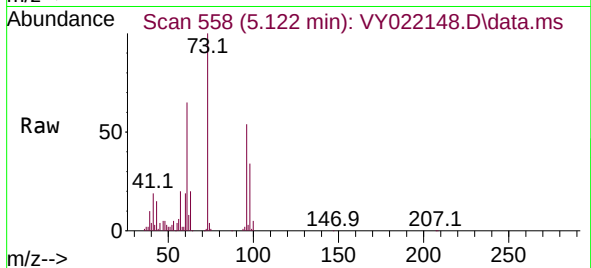




#19
Methyl tert-butyl Ether
Concen: 21.050 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

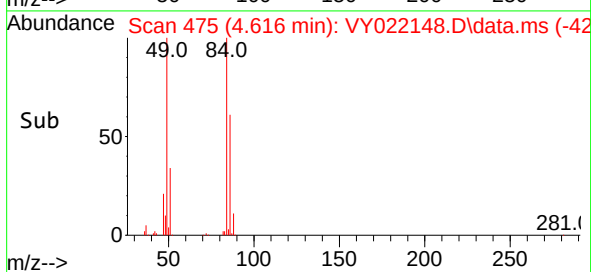
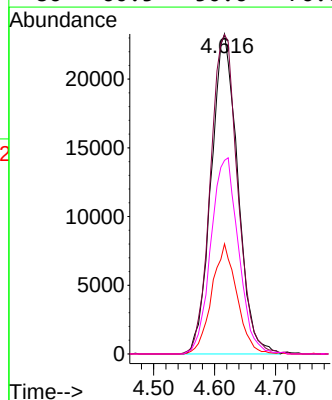
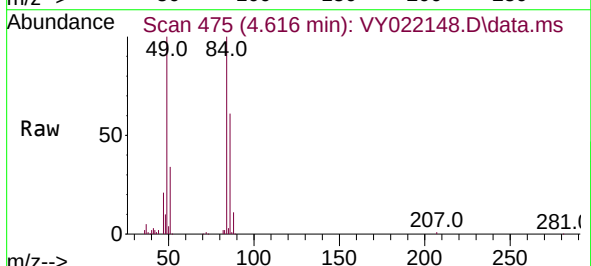
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBSD01

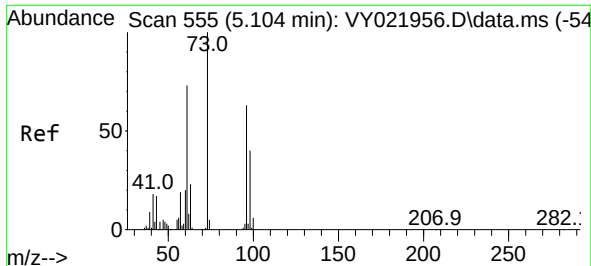
Tgt Ion: 73 Resp: 130362
Ion Ratio Lower Upper
73 100
57 19.7 16.9 25.3



#20
Methylene Chloride
Concen: 21.685 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 84 Resp: 70498
Ion Ratio Lower Upper
84 100
49 99.8 79.9 119.9
51 34.4 25.4 38.0
86 60.5 50.6 76.0

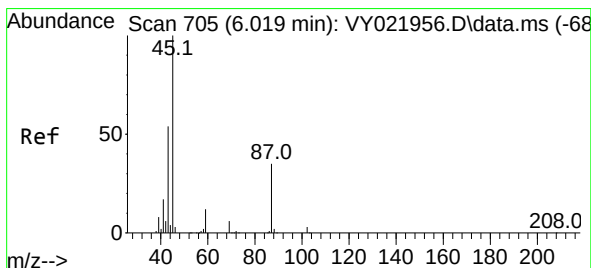
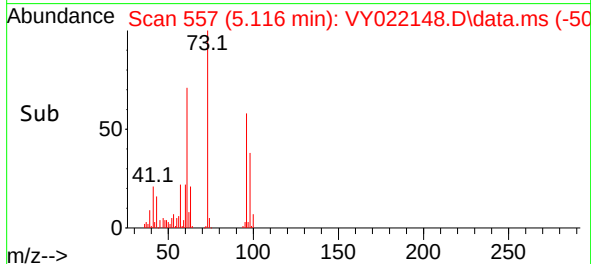
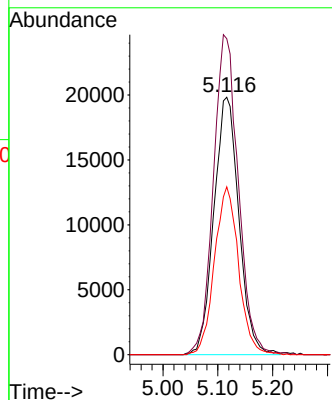
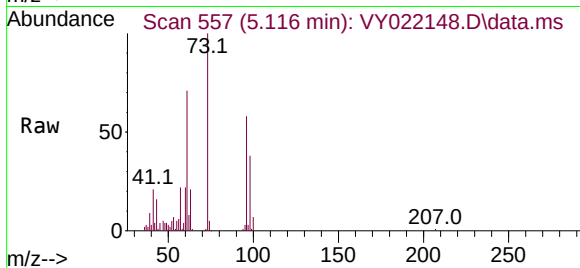




#21
trans-1,2-Dichloroethene
Concen: 20.277 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

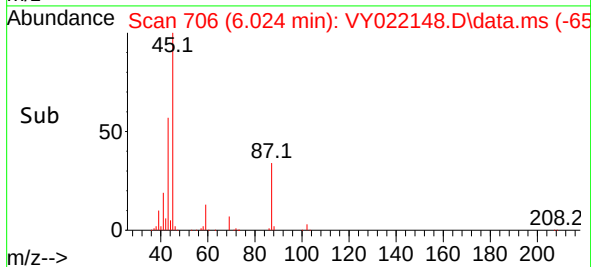
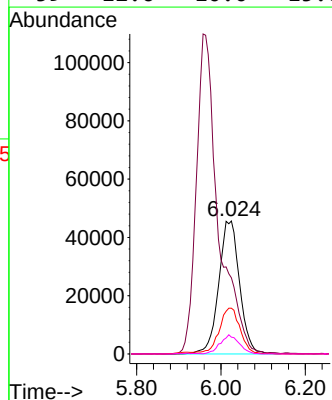
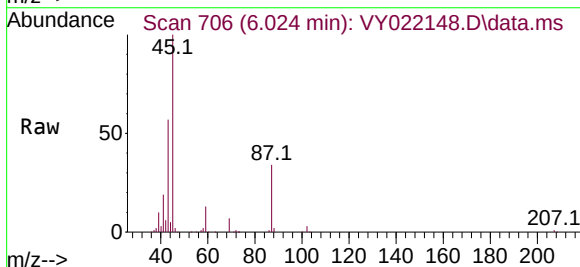
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBSD01

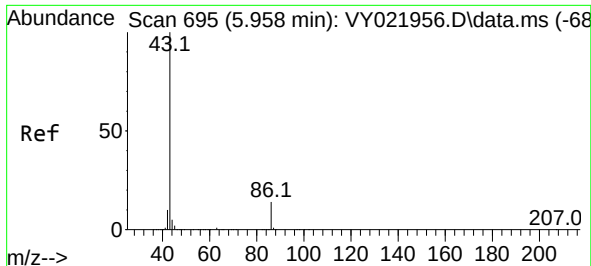
Tgt Ion: 96 Resp: 62834
Ion Ratio Lower Upper
96 100
61 122.7 92.6 138.8
98 65.2 50.2 75.4



#22
Diisopropyl ether
Concen: 21.814 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

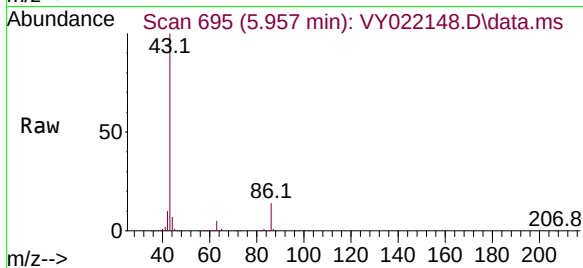
Tgt Ion: 45 Resp: 156404
Ion Ratio Lower Upper
45 100
43 56.9 43.6 65.4
87 34.4 28.2 42.4
59 12.6 10.0 15.0



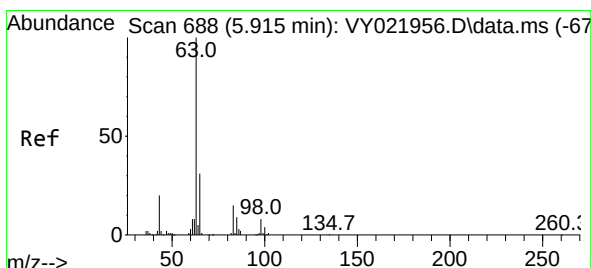
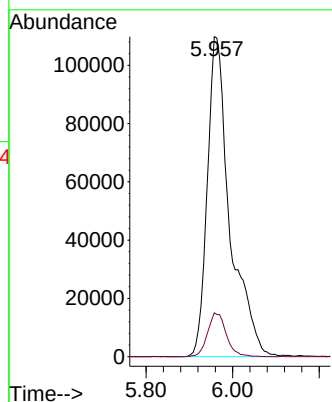
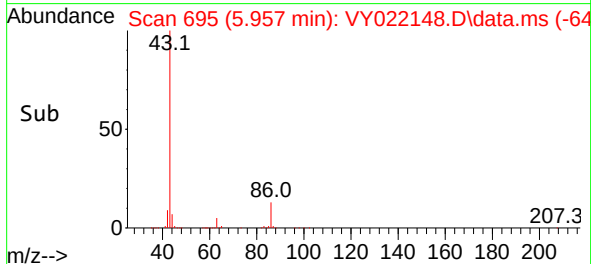


#23
Vinyl Acetate
Concen: 103.328 ug/l
RT: 5.957 min Scan# 695
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

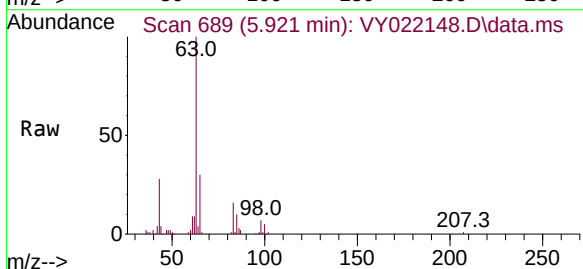
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBSD01



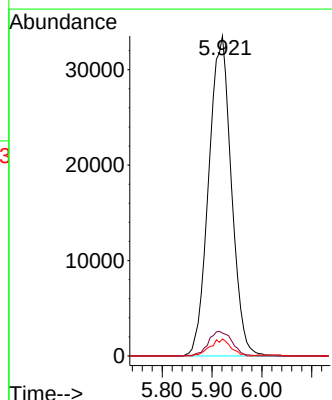
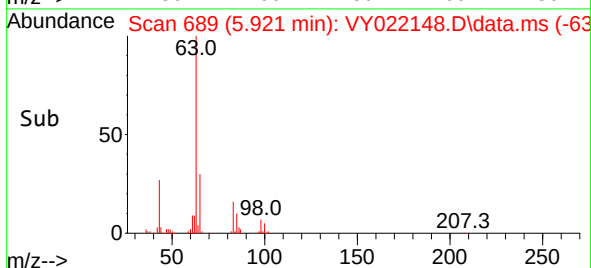
Tgt Ion: 43 Resp: 399269
Ion Ratio Lower Upper
43 100
86 13.7 11.1 16.7

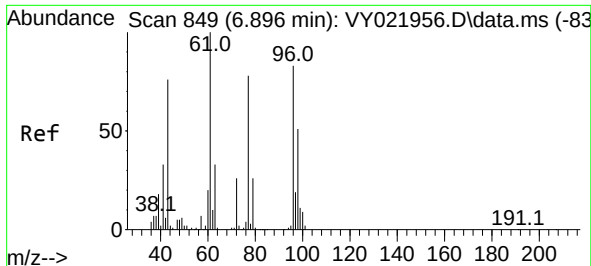


#24
1,1-Dichloroethane
Concen: 21.245 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17



Tgt Ion: 63 Resp: 105587
Ion Ratio Lower Upper
63 100
98 7.2 4.0 11.9
100 5.3 2.0 6.0





#25

2-Butanone

Concen: 103.413 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

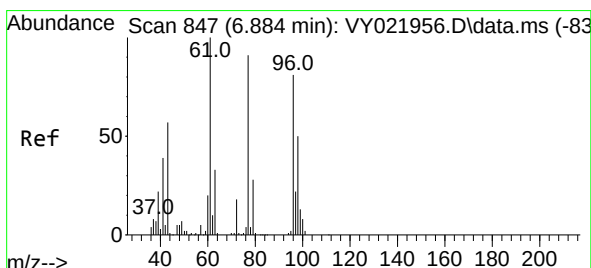
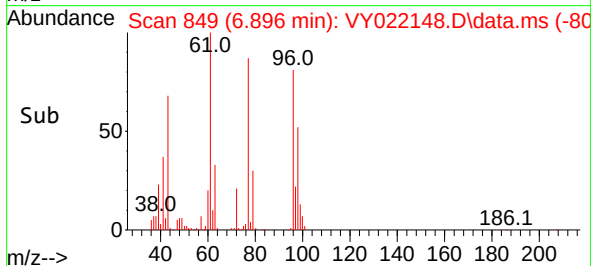
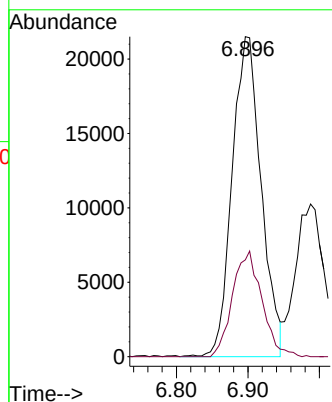
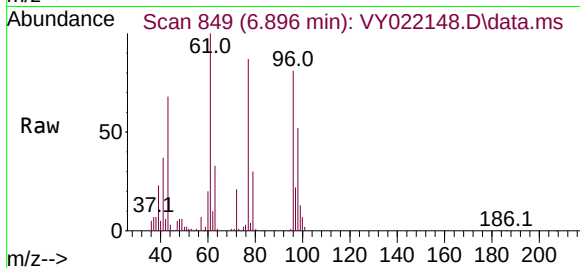
VY0505SBS01

Tgt Ion: 43 Resp: 60604

Ion Ratio Lower Upper

43 100

72 30.3 27.0 40.4



#26

2,2-Dichloropropane

Concen: 21.806 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022148.D

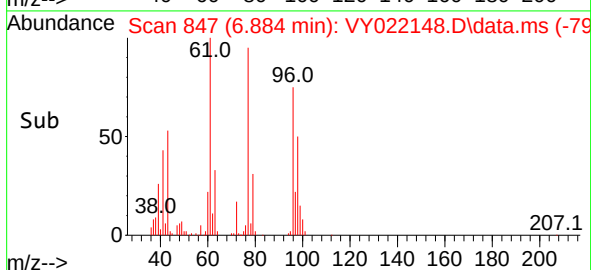
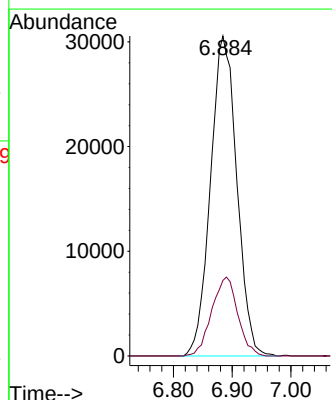
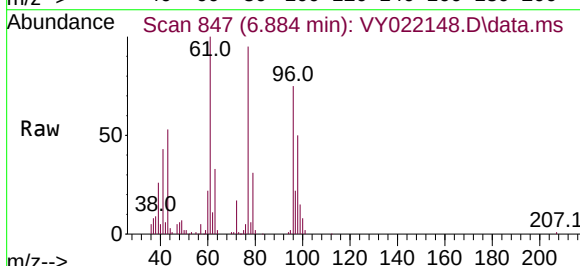
Acq: 05 May 2025 10:17

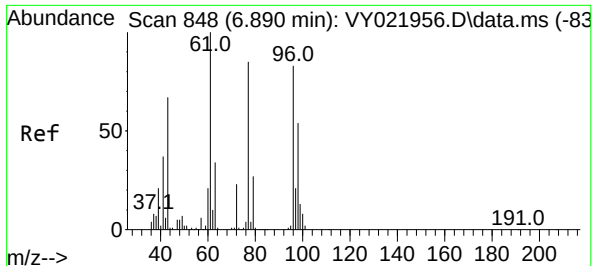
Tgt Ion: 77 Resp: 94987

Ion Ratio Lower Upper

77 100

97 24.4 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 20.588 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBSD01

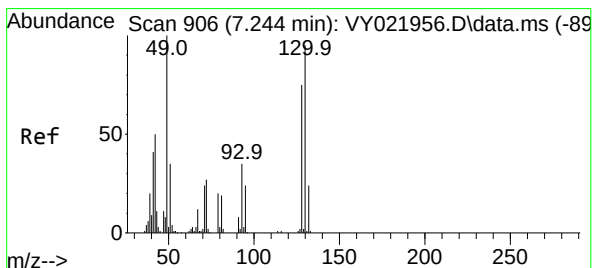
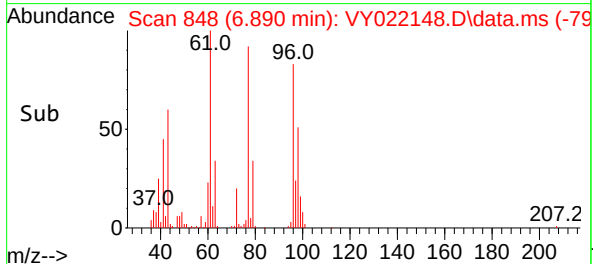
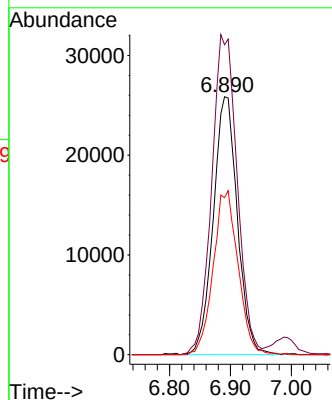
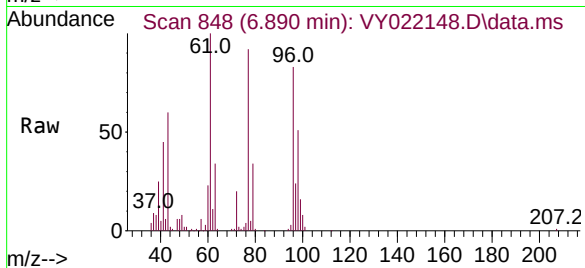
Tgt Ion: 96 Resp: 71338

Ion Ratio Lower Upper

96 100

61 130.6 0.0 251.4

98 65.3 0.0 128.4



#28

Bromochloromethane

Concen: 20.558 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

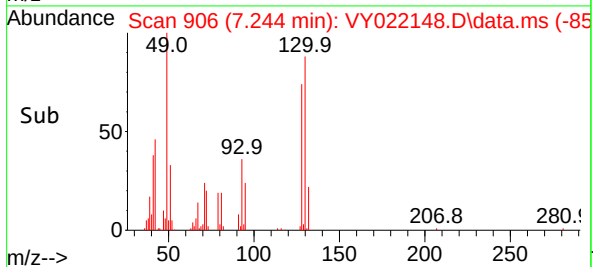
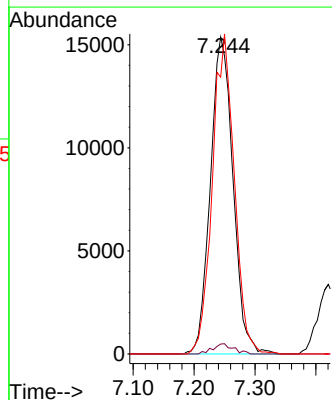
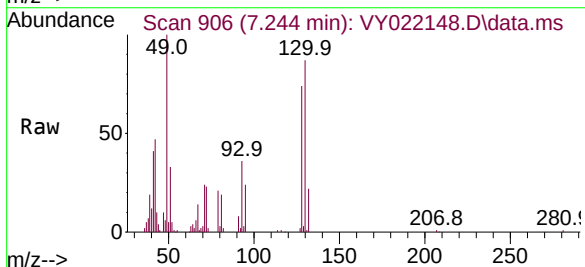
Tgt Ion: 49 Resp: 39685

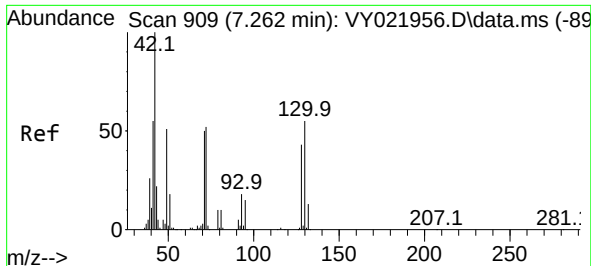
Ion Ratio Lower Upper

49 100

129 2.9 0.0 5.0

130 97.8 78.2 117.4





#29

Tetrahydrofuran

Concen: 103.917 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

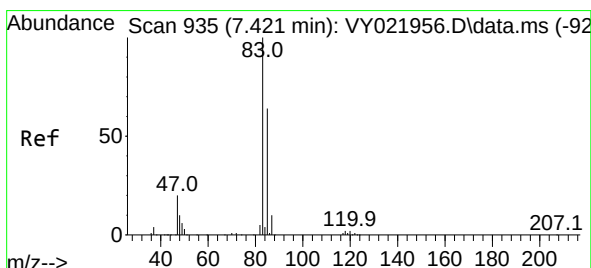
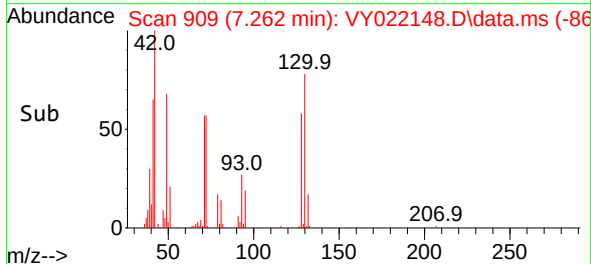
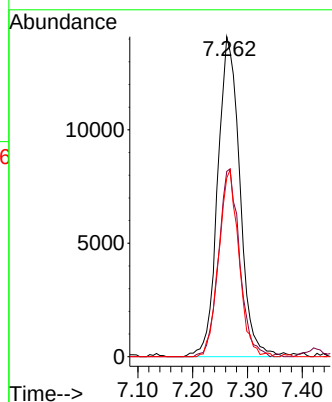
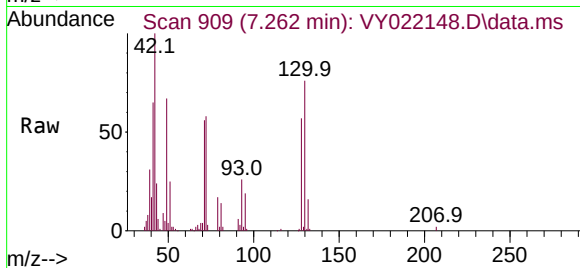
Tgt Ion: 42 Resp: 39553

Ion Ratio Lower Upper

42 100

72 55.8 42.6 63.8

71 53.4 40.6 61.0



#30

Chloroform

Concen: 21.402 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022148.D

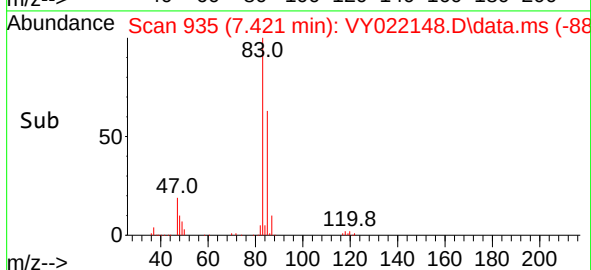
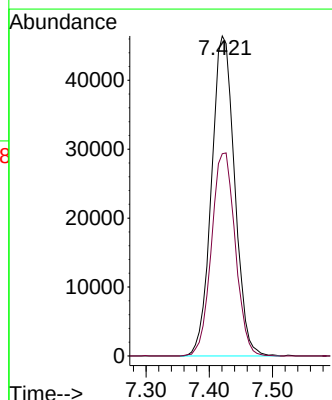
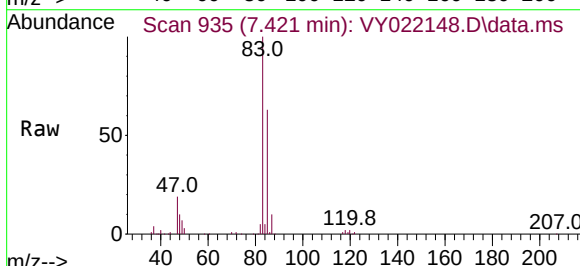
Acq: 05 May 2025 10:17

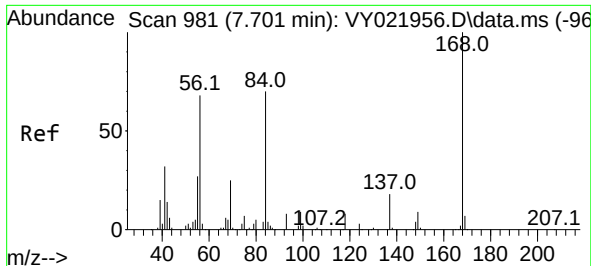
Tgt Ion: 83 Resp: 117982

Ion Ratio Lower Upper

83 100

85 63.2 51.3 76.9

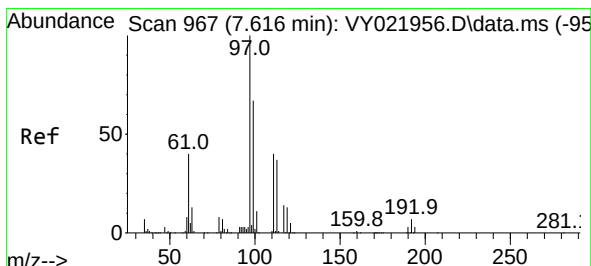
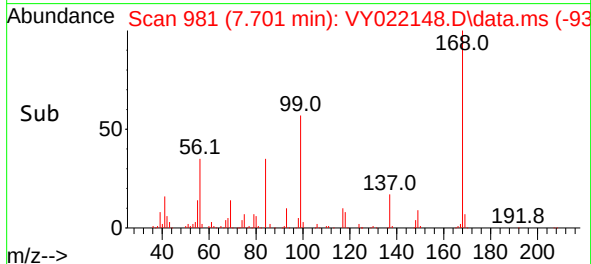
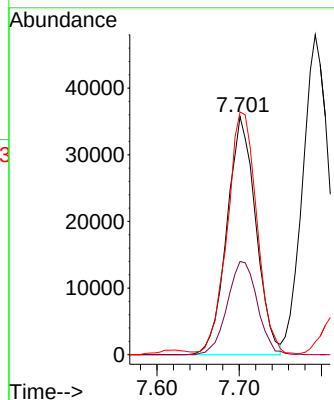
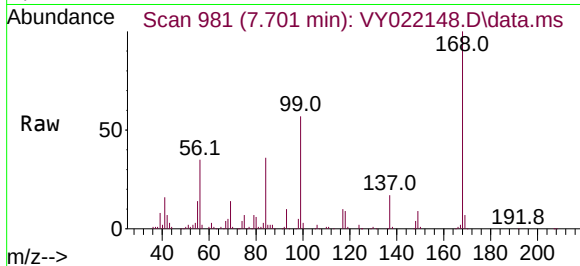




#31
Cyclohexane
Concen: 20.502 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

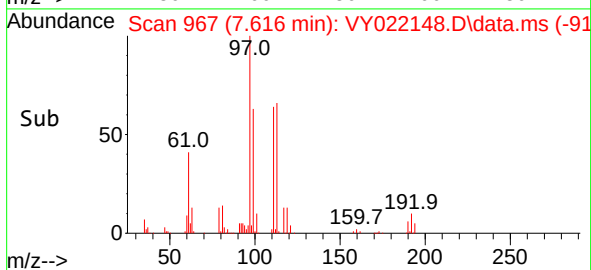
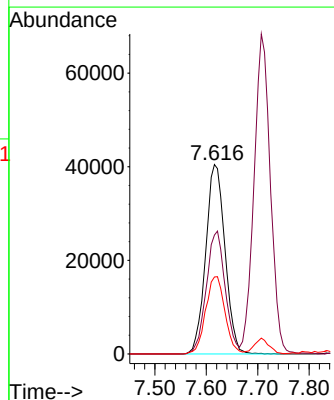
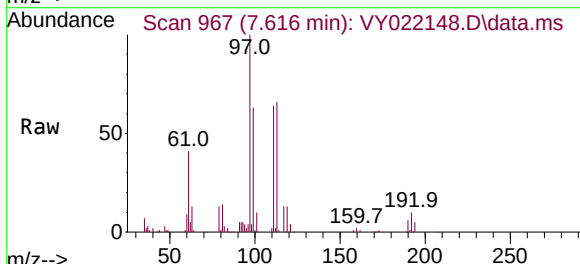
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

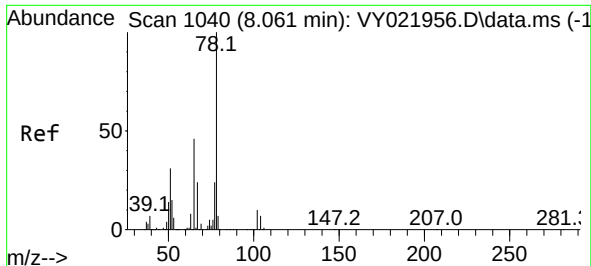
Tgt Ion: 56 Resp: 87134
Ion Ratio Lower Upper
56 100
69 39.2 29.4 44.2
84 100.2 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 21.189 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 97 Resp: 105680
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.2
61 40.8 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 48.978 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

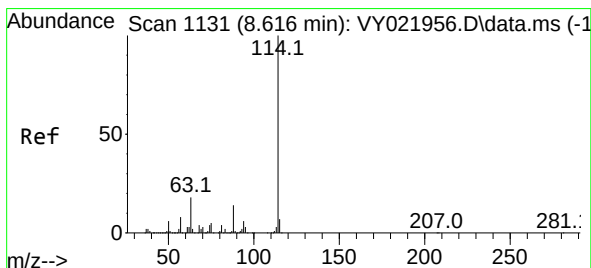
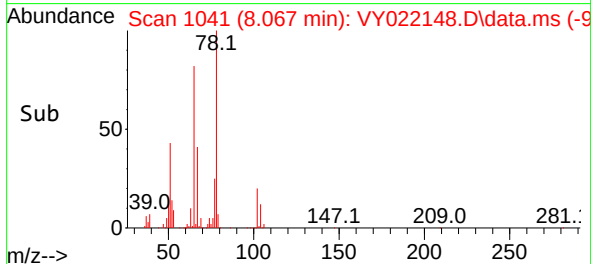
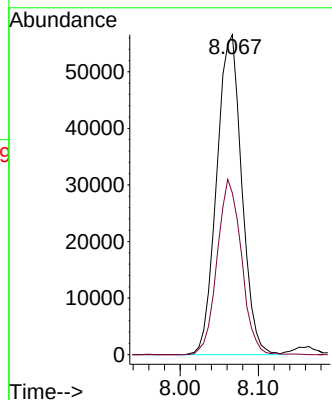
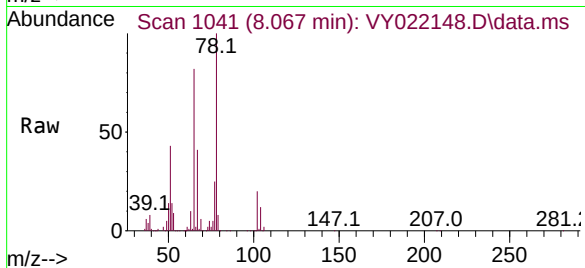
VY0505SBS01

Tgt Ion: 65 Resp: 125920

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

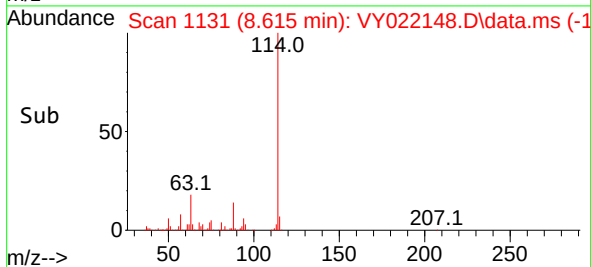
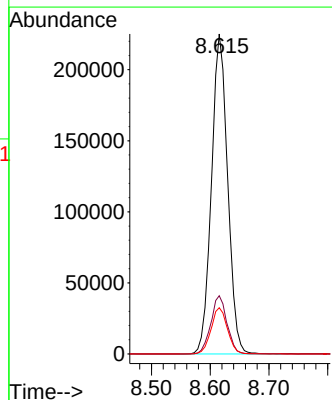
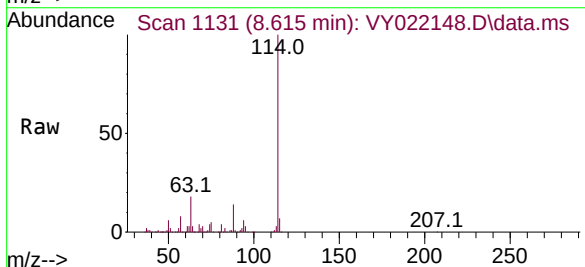
Tgt Ion: 114 Resp: 430328

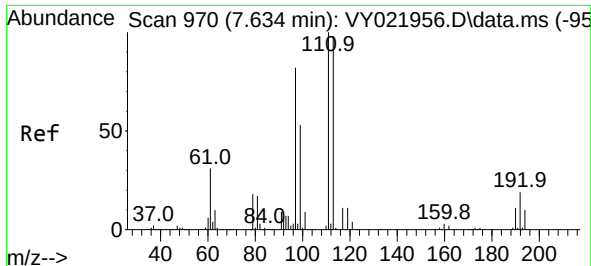
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.4

88 14.4 0.0 28.2

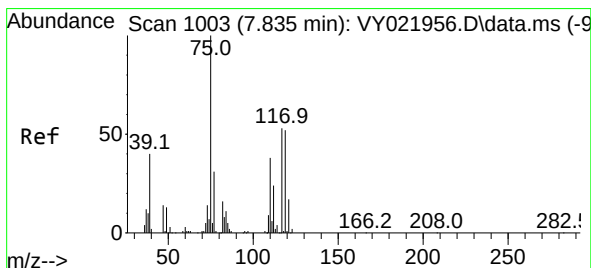
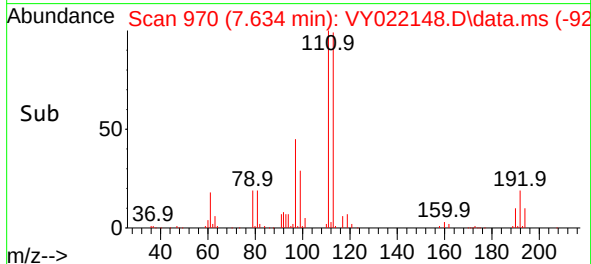
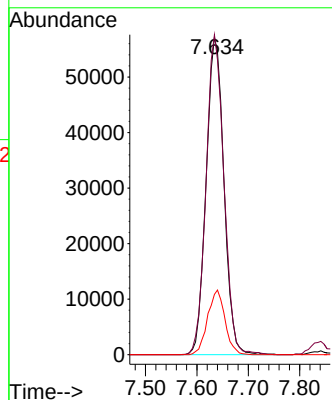
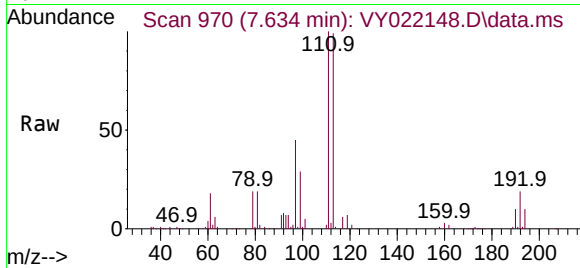




#35
Dibromofluoromethane
Concen: 48.306 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

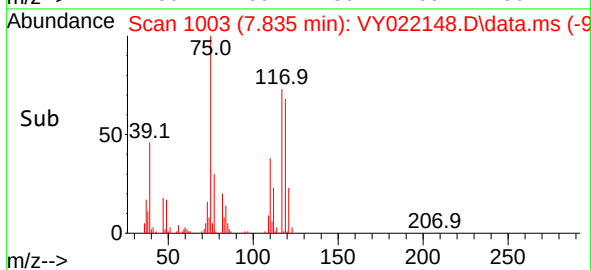
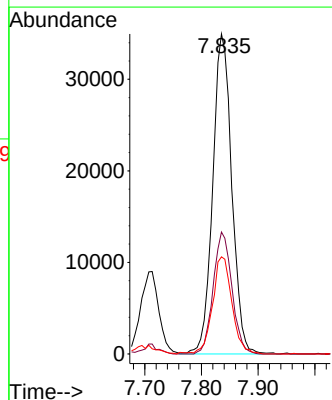
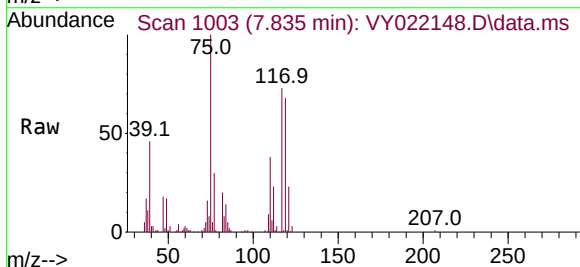
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

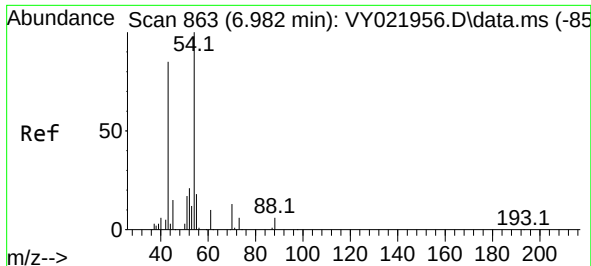
Tgt Ion:113 Resp: 137332
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.8
192 19.9 15.6 23.4



#36
1,1-Dichloropropene
Concen: 21.339 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 75 Resp: 81491
Ion Ratio Lower Upper
75 100
110 37.4 19.1 57.3
77 30.9 25.5 38.3

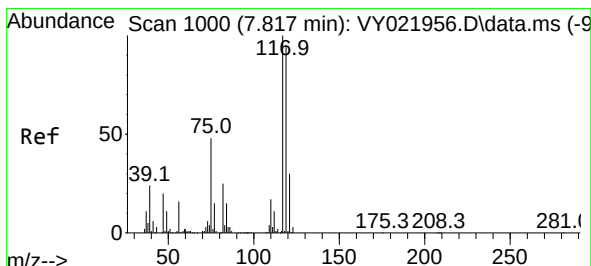
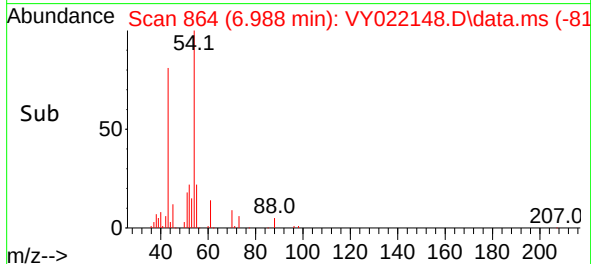
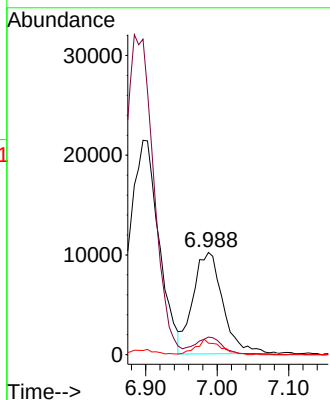
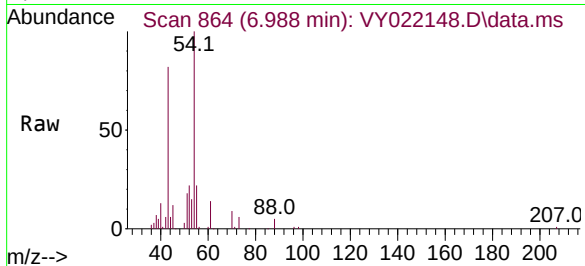




#37
Ethyl Acetate
Concen: 21.497 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

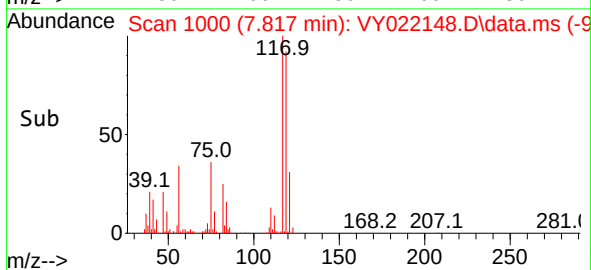
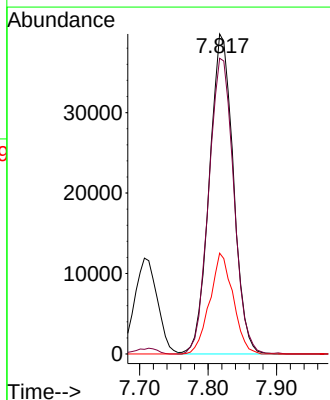
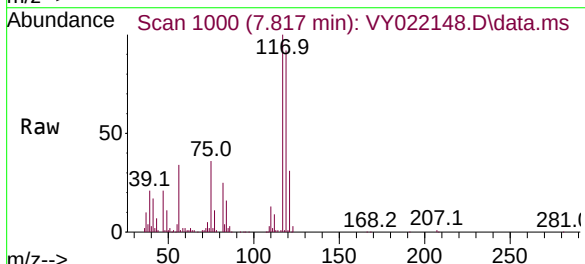
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBSD01

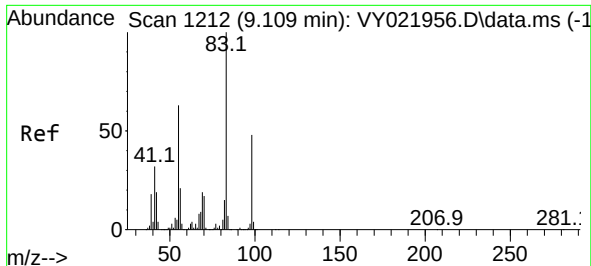
Tgt Ion:	43	Resp:	29484
Ion	Ratio	Lower	Upper
43	100		
61	15.7	13.8	20.6
70	11.8	9.2	13.8



#38
Carbon Tetrachloride
Concen: 21.190 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion:	117	Resp:	96698
Ion	Ratio	Lower	Upper
117	100		
119	92.4	76.2	114.4
121	31.5	24.0	36.0





#39

Methylcyclohexane

Concen: 20.580 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBSD01

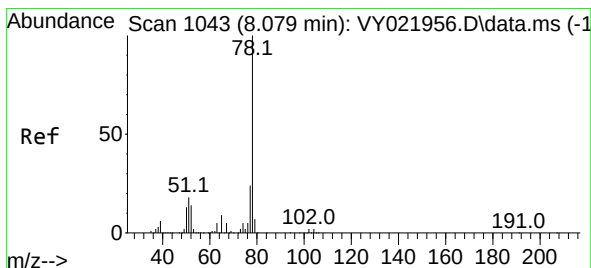
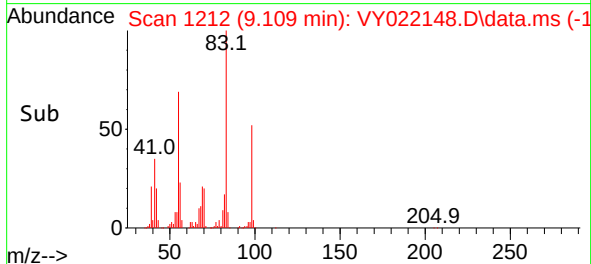
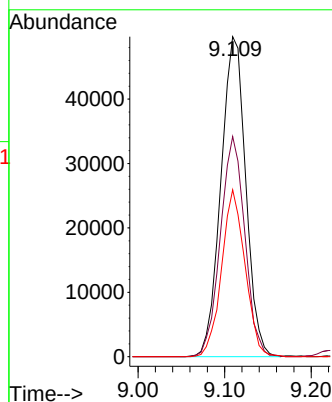
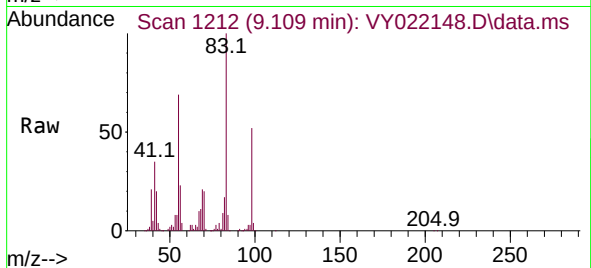
Tgt Ion: 83 Resp: 98904

Ion Ratio Lower Upper

83 100

55 68.8 50.6 75.8

98 52.2 38.6 58.0



#40

Benzene

Concen: 21.076 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022148.D

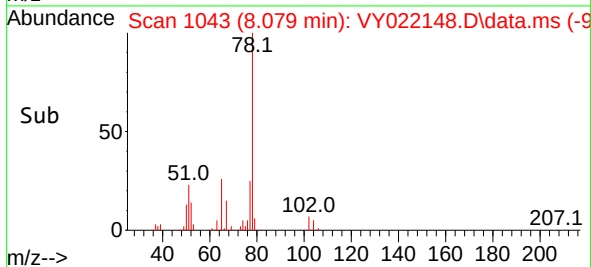
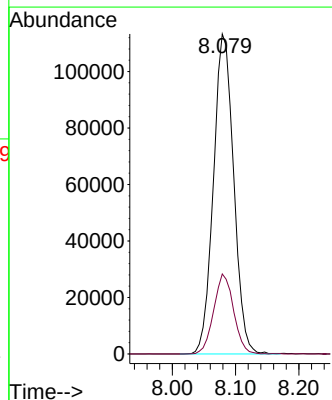
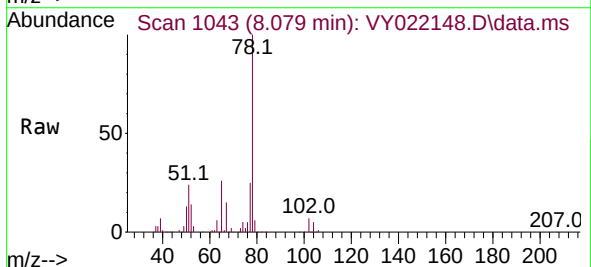
Acq: 05 May 2025 10:17

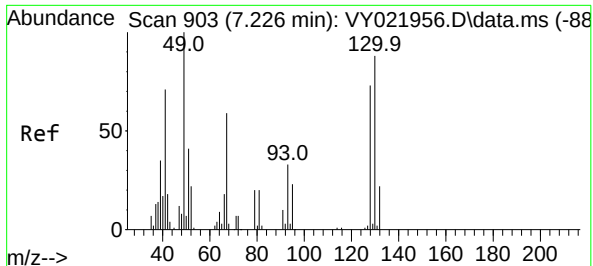
Tgt Ion: 78 Resp: 251594

Ion Ratio Lower Upper

78 100

77 25.0 19.3 28.9

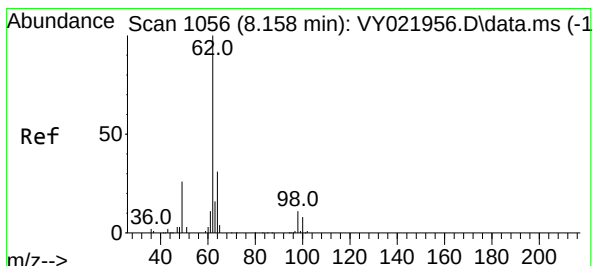
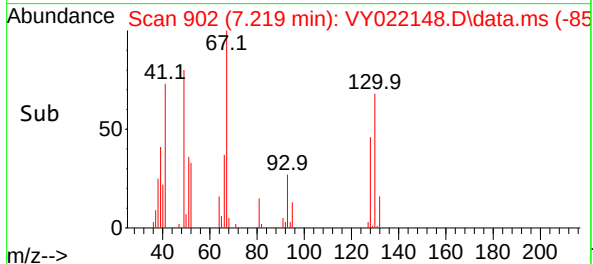
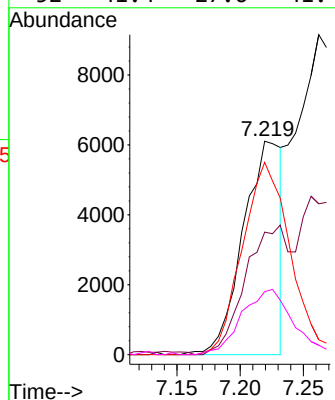
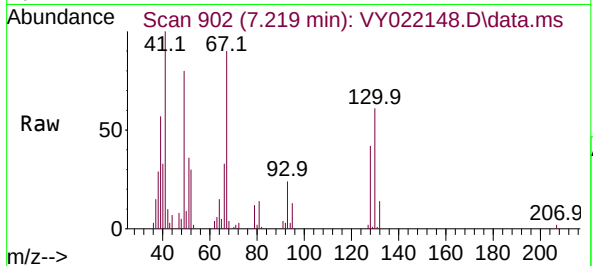




#41
Methacrylonitrile
Concen: 17.080 ug/l
RT: 7.219 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

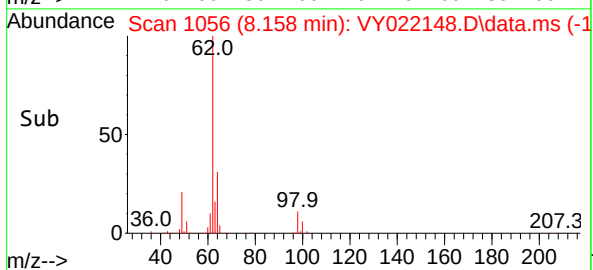
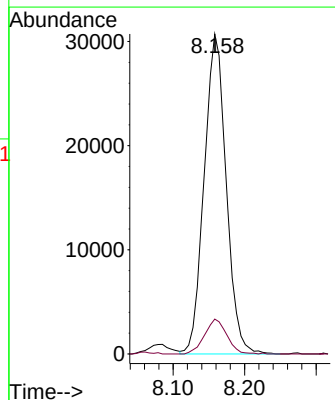
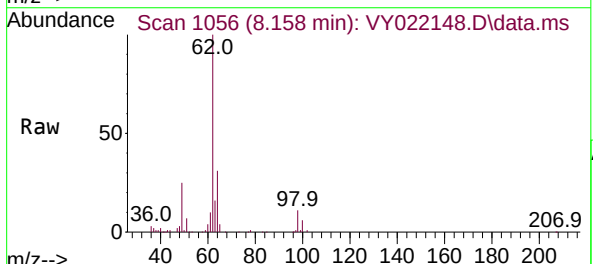
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBSD01

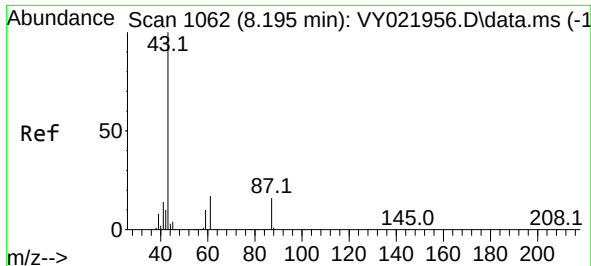
Tgt Ion: 41 Resp: 12806
Ion Ratio Lower Upper
41 100
39 74.8 36.6 55.0#
67 114.4 72.2 108.4#
52 41.4 27.6 41.4



#42
1,2-Dichloroethane
Concen: 22.255 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 62 Resp: 65776
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.0

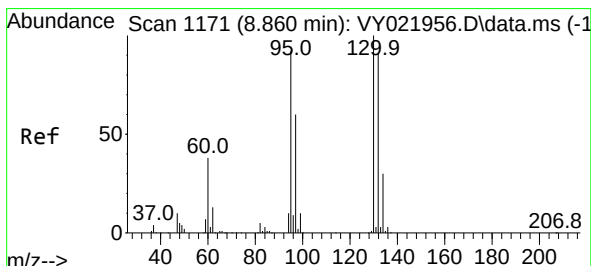
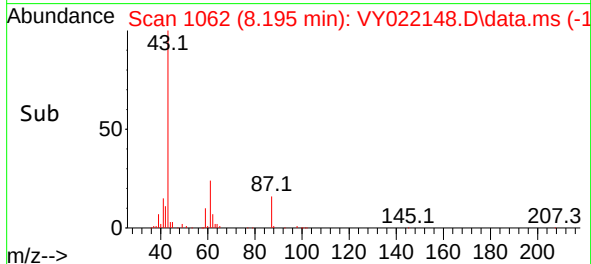
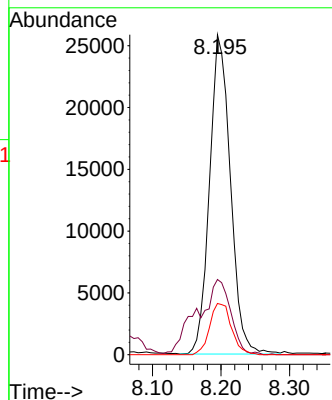
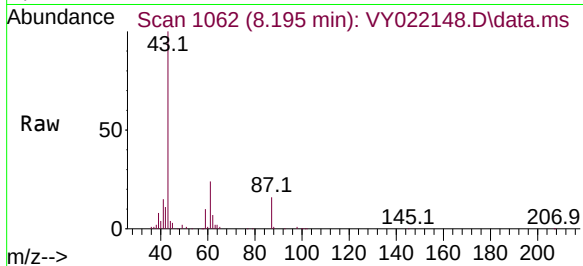




#43
Isopropyl Acetate
Concen: 20.814 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

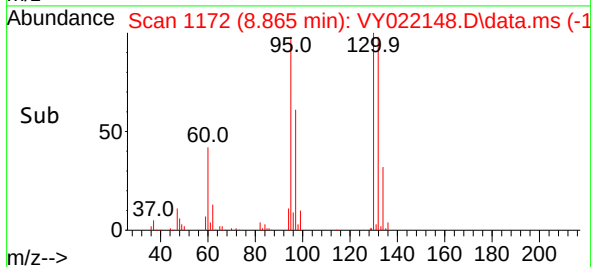
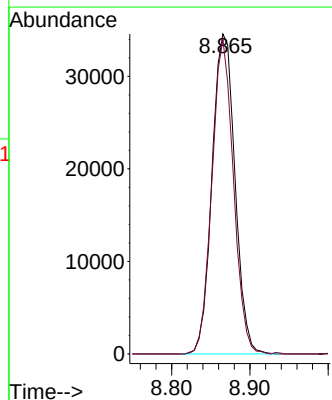
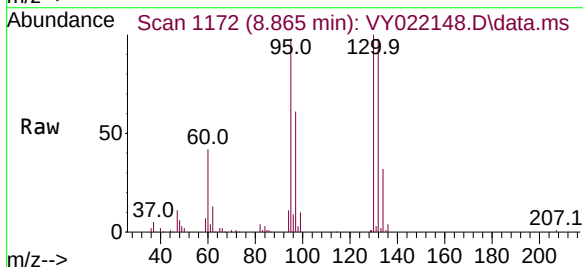
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

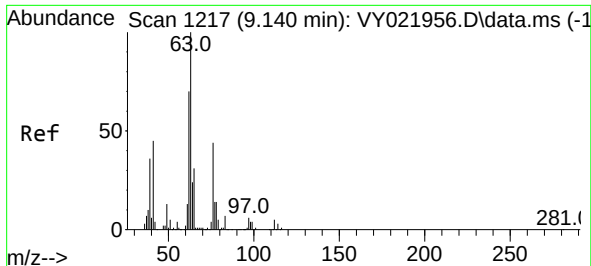
Tgt Ion: 43 Resp: 54824
Ion Ratio Lower Upper
43 100
61 25.5 18.9 28.3
87 16.7 13.7 20.5



#44
Trichloroethene
Concen: 21.242 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion:130 Resp: 70239
Ion Ratio Lower Upper
130 100
95 98.3 0.0 183.2





#45

1,2-Dichloropropane

Concen: 21.625 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

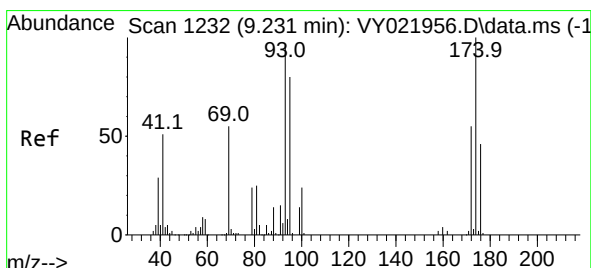
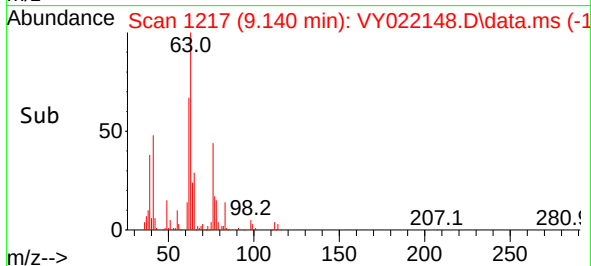
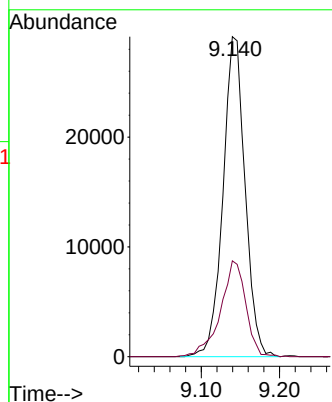
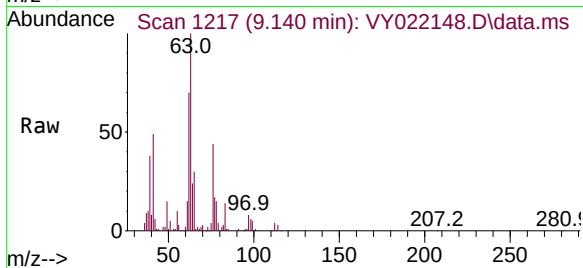
VY0505SBSD01

Tgt Ion: 63 Resp: 57088

Ion Ratio Lower Upper

63 100

65 29.9 25.2 37.8



#46

Dibromomethane

Concen: 21.133 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

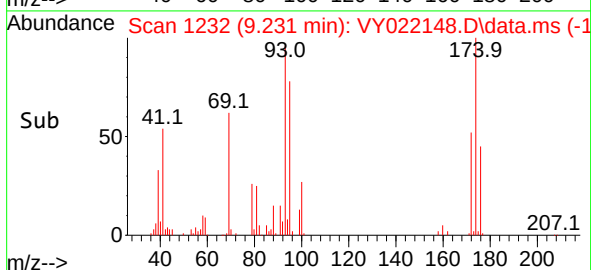
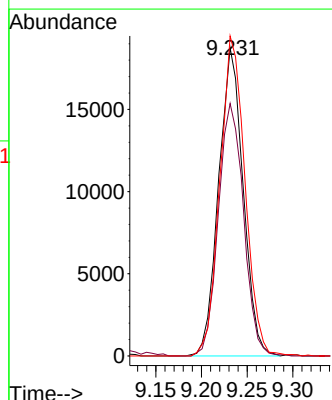
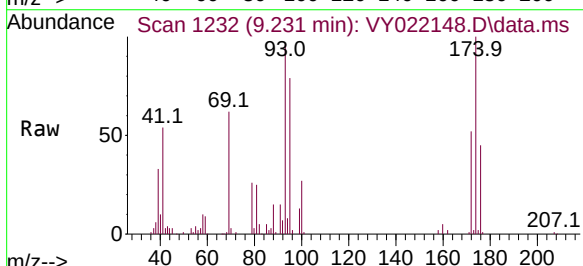
Tgt Ion: 93 Resp: 34924

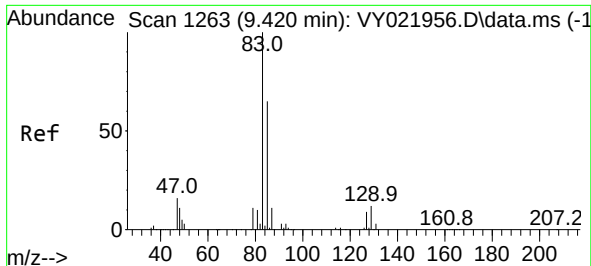
Ion Ratio Lower Upper

93 100

95 84.4 66.7 100.1

174 106.5 84.6 127.0

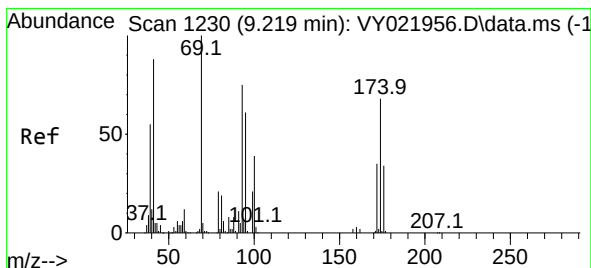
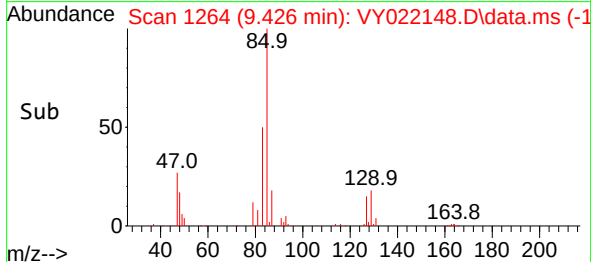
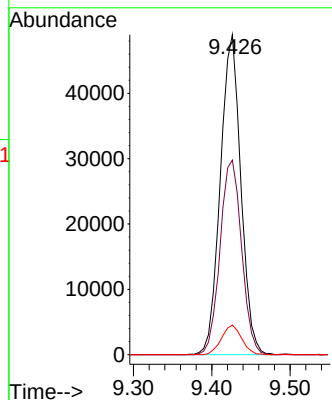
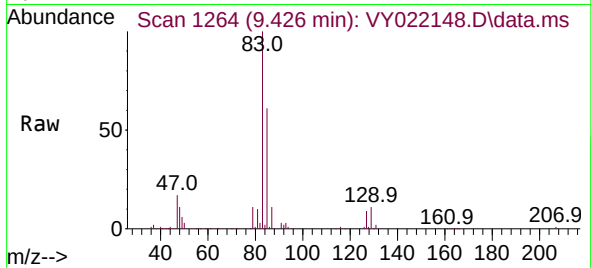




#47
Bromodichloromethane
Concen: 21.631 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

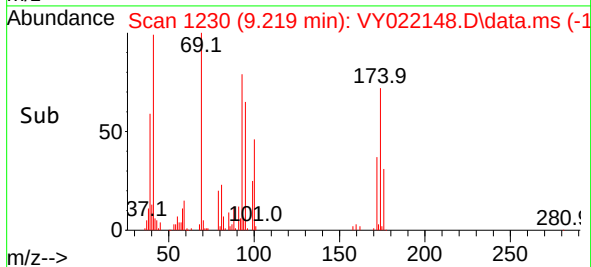
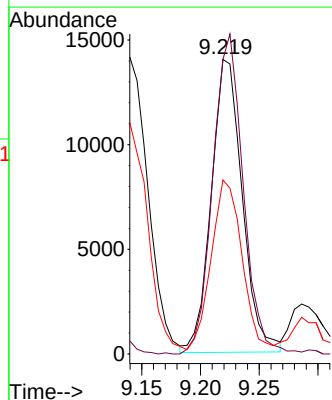
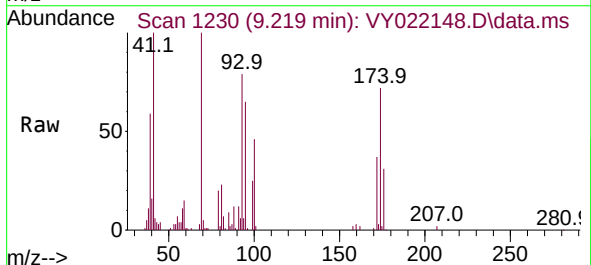
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

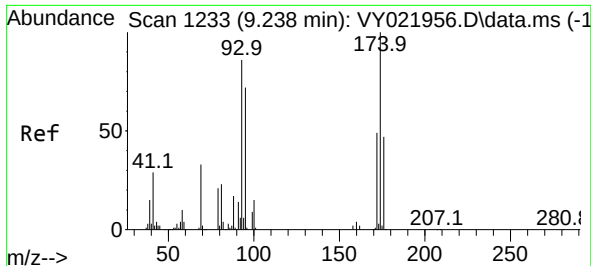
Tgt Ion: 83 Resp: 89301
Ion Ratio Lower Upper
83 100
85 60.8 51.8 77.8
127 9.2 7.0 10.6



#48
Methyl methacrylate
Concen: 21.146 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 41 Resp: 25748
Ion Ratio Lower Upper
41 100
69 106.8 85.5 128.3
39 57.3 46.2 69.4

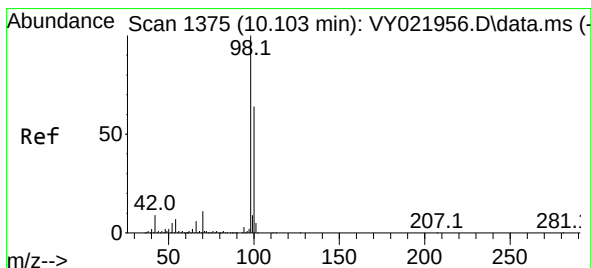
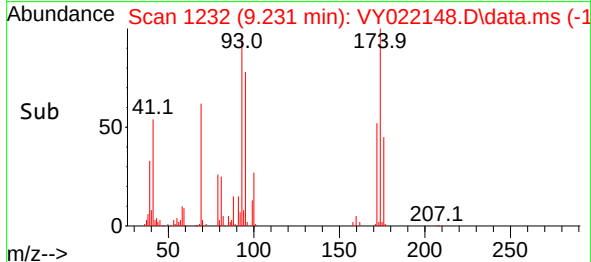
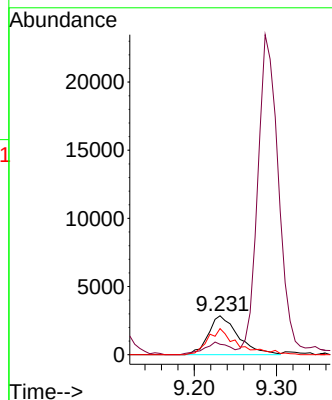
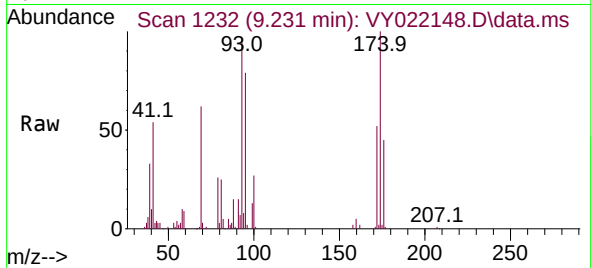




#49
1,4-Dioxane
Concen: 407.122 ug/l
RT: 9.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

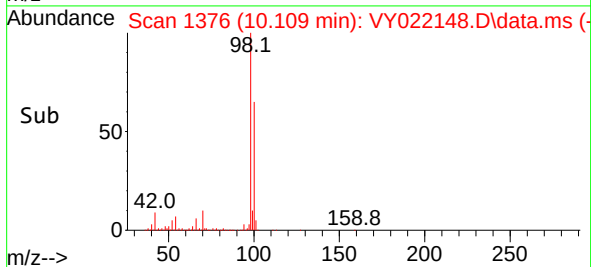
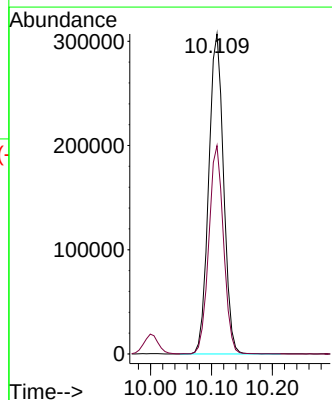
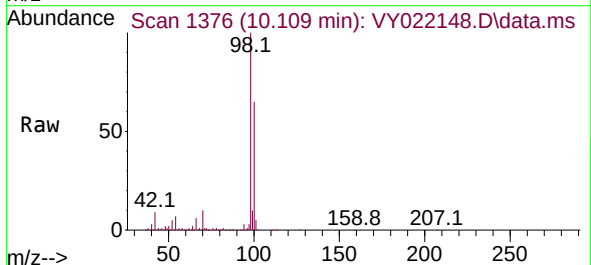
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBSD01

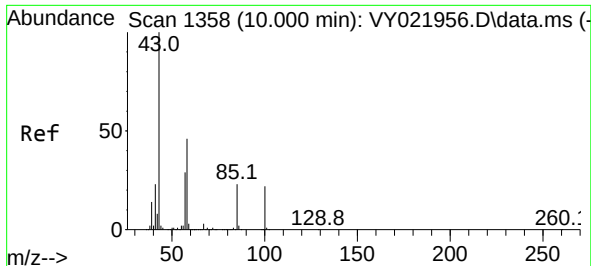
Tgt Ion: 88 Resp: 7171
Ion Ratio Lower Upper
88 100
43 26.6 21.3 31.9
58 67.4 50.5 75.7



#50
Toluene-d8
Concen: 48.516 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 98 Resp: 519993
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4

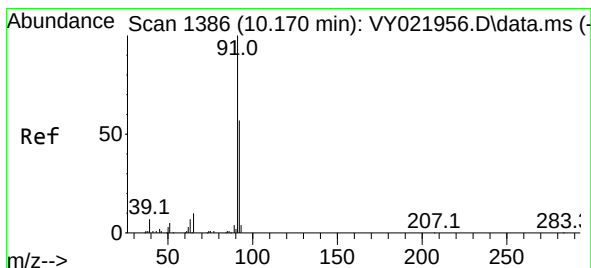
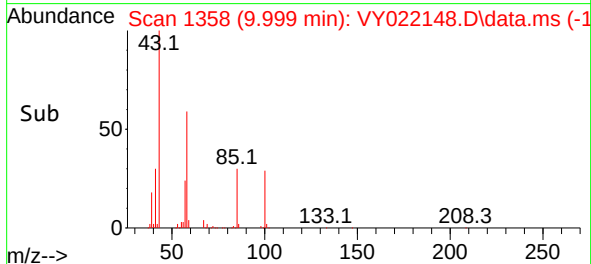
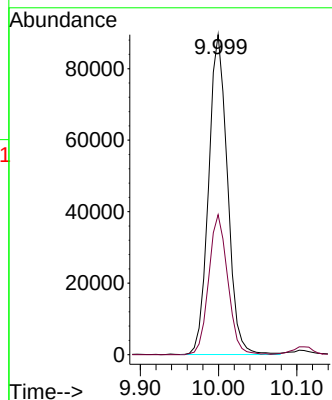
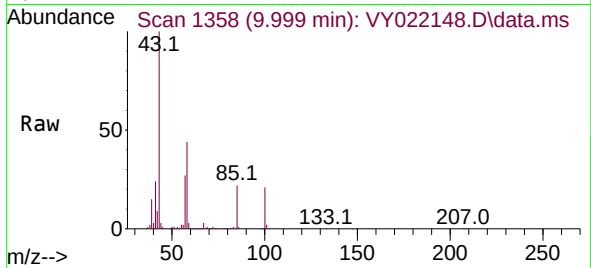




#51
4-Methyl-2-Pentanone
Concen: 108.242 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

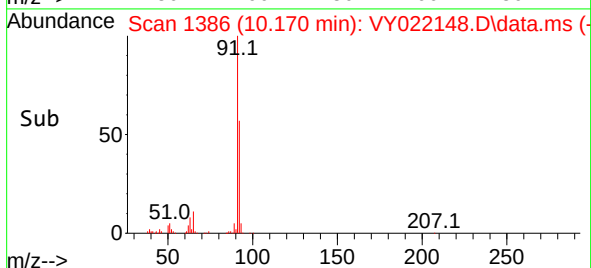
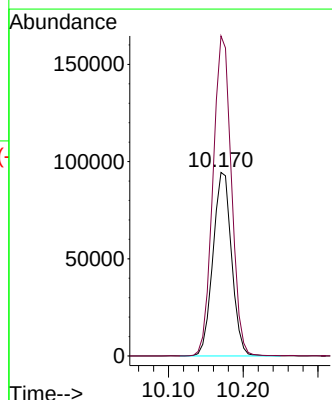
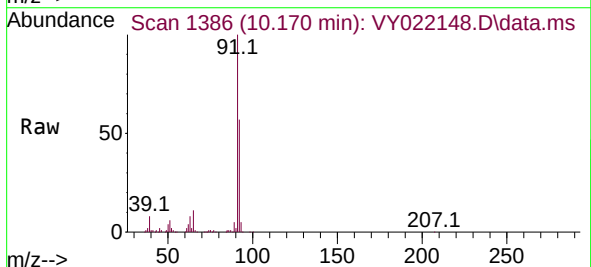
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

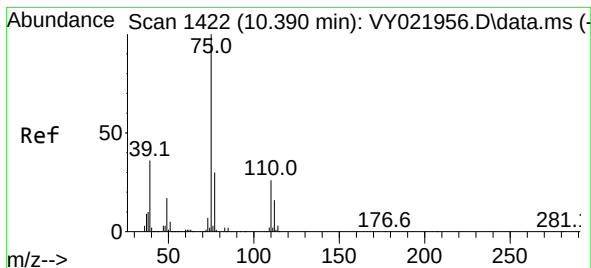
Tgt Ion: 43 Resp: 149456
Ion Ratio Lower Upper
43 100
58 44.1 36.6 55.0



#52
Toluene
Concen: 21.164 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 92 Resp: 163538
Ion Ratio Lower Upper
92 100
91 172.8 138.6 207.8

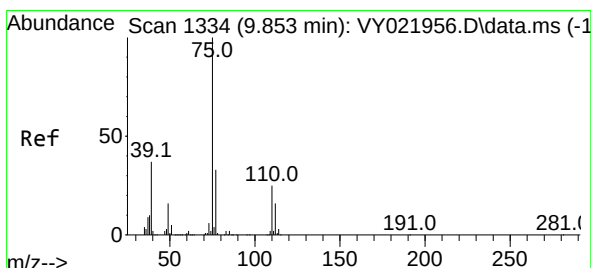
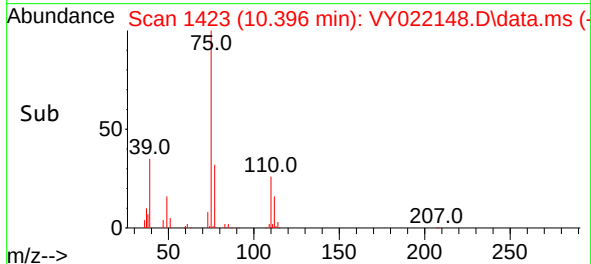
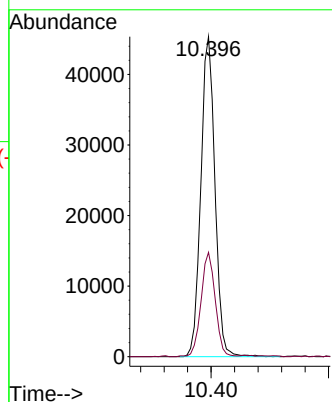
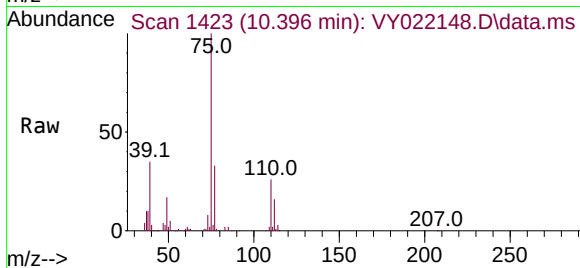




#53
 t-1,3-Dichloropropene
 Concen: 21.364 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022148.D
 Acq: 05 May 2025 10:17

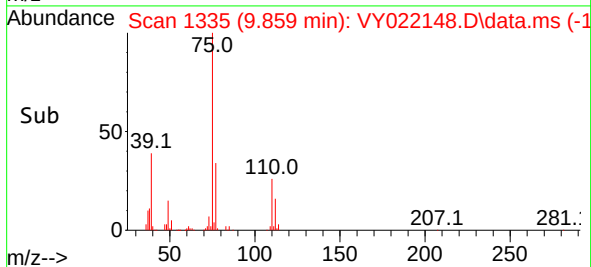
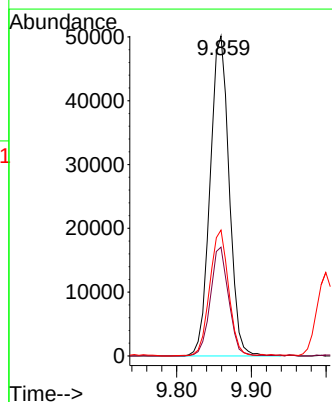
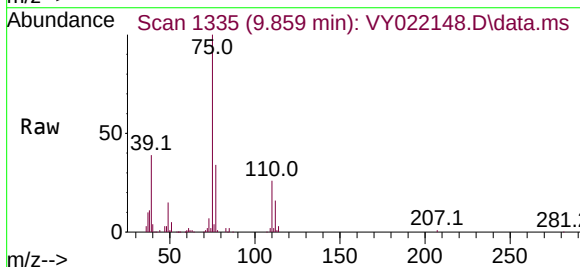
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0505SBS01

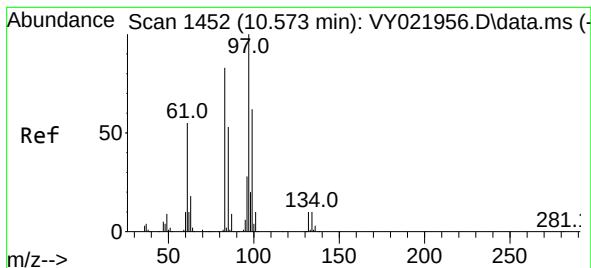
Tgt Ion: 75 Resp: 75653
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.036 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY022148.D
 Acq: 05 May 2025 10:17

Tgt Ion: 75 Resp: 88548
 Ion Ratio Lower Upper
 75 100
 77 34.0 26.6 40.0
 39 39.2 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 21.291 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBSD01

Tgt Ion: 97 Resp: 46999

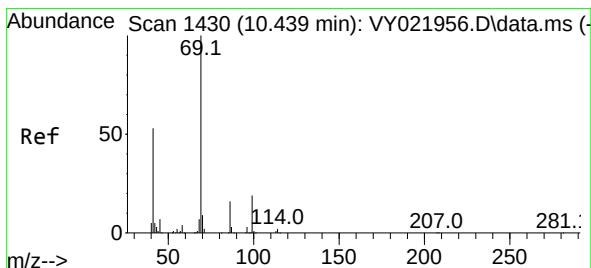
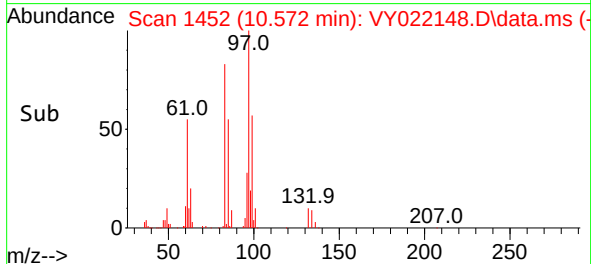
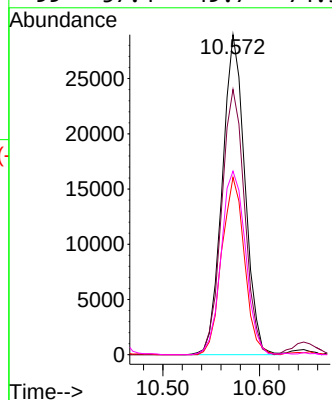
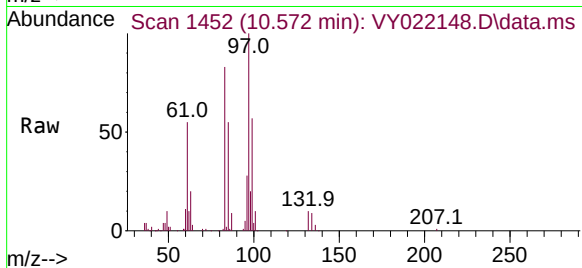
Ion Ratio Lower Upper

97 100

83 82.9 66.7 100.1

85 55.4 42.6 64.0

99 57.4 49.7 74.5



#56

Ethyl methacrylate

Concen: 20.433 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

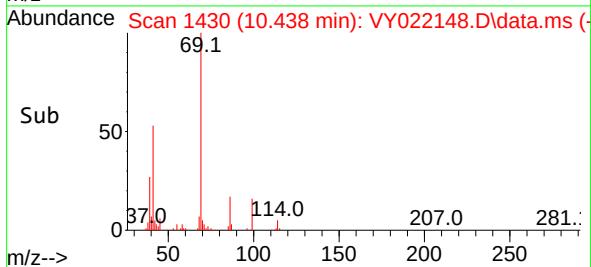
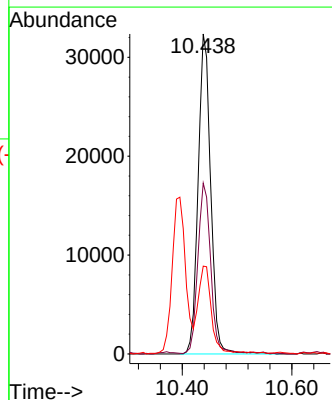
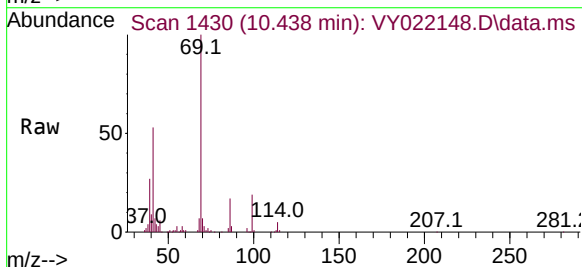
Tgt Ion: 69 Resp: 51580

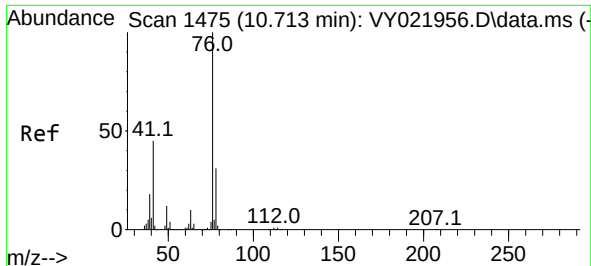
Ion Ratio Lower Upper

69 100

41 54.1 40.7 61.1

39 27.3 23.3 34.9





#57

1,3-Dichloropropane

Concen: 21.439 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

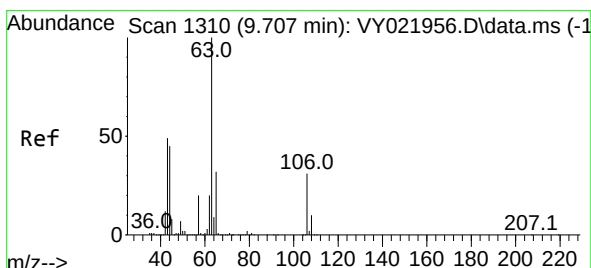
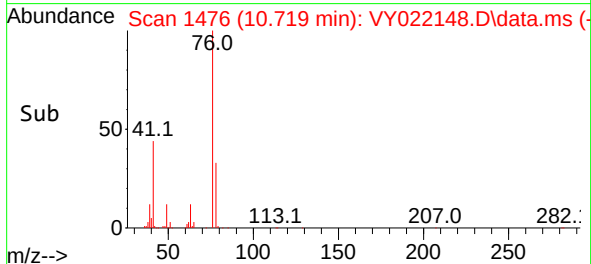
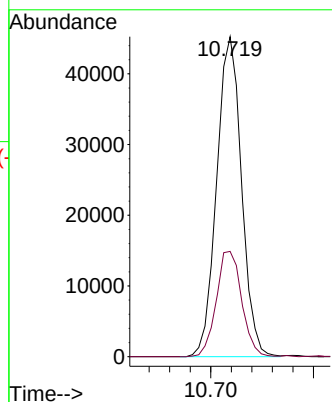
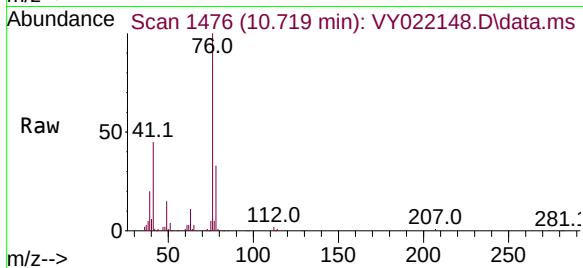
VY0505SBSD01

Tgt Ion: 76 Resp: 75869

Ion Ratio Lower Upper

76 100

78 33.7 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.547 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022148.D

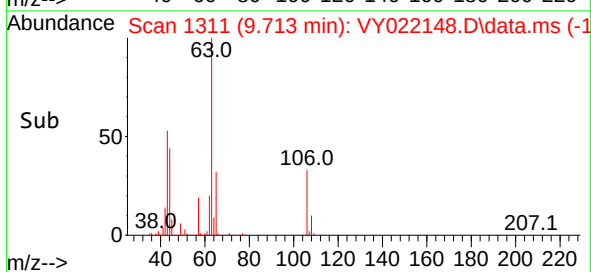
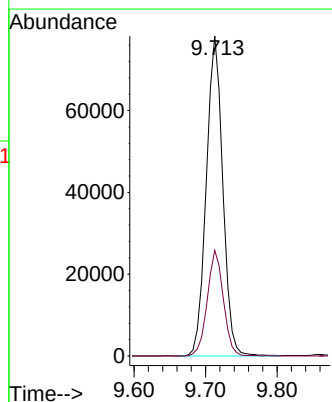
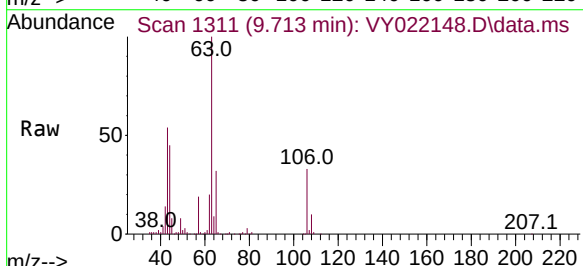
Acq: 05 May 2025 10:17

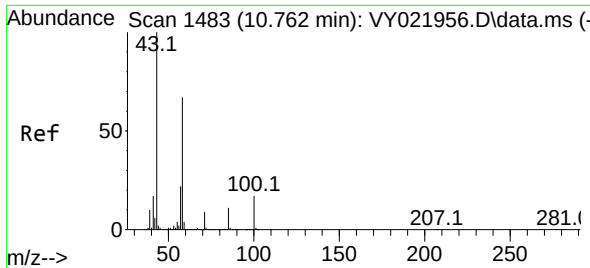
Tgt Ion: 63 Resp: 125334

Ion Ratio Lower Upper

63 100

106 32.2 25.3 37.9

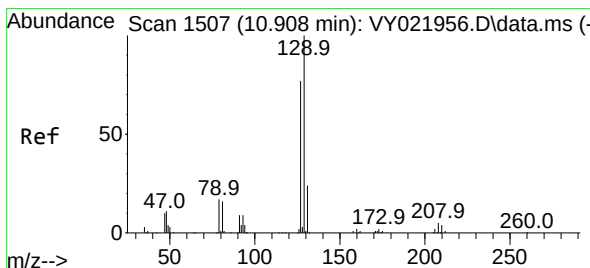
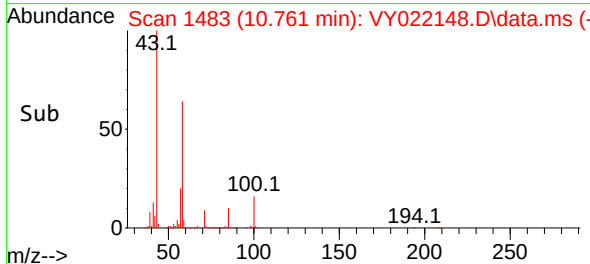
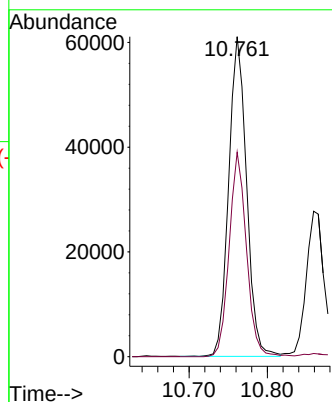
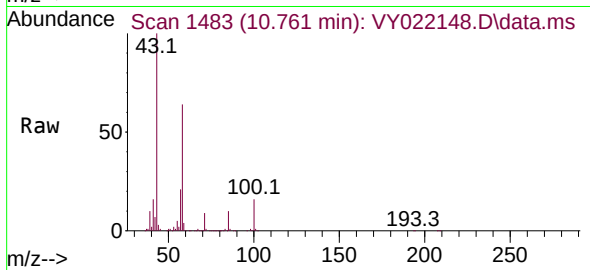




#59
2-Hexanone
Concen: 106.206 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

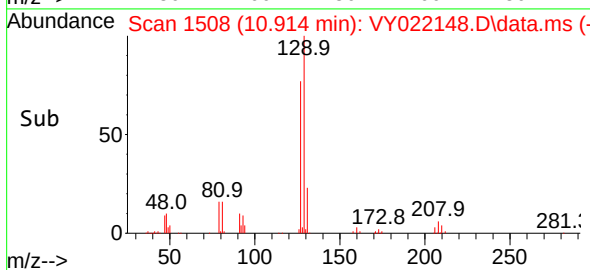
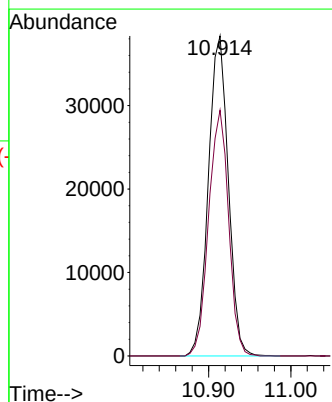
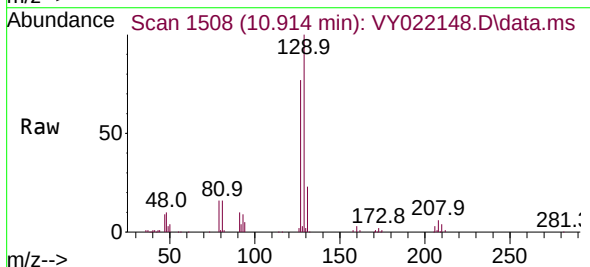
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBSD01

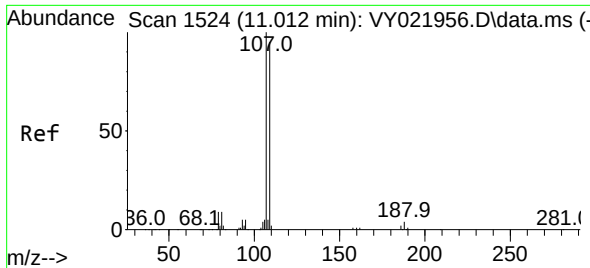
Tgt Ion: 43 Resp: 96724
Ion Ratio Lower Upper
43 100
58 62.0 32.0 96.0



#60
Dibromochloromethane
Concen: 21.121 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 129 Resp: 64549
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3

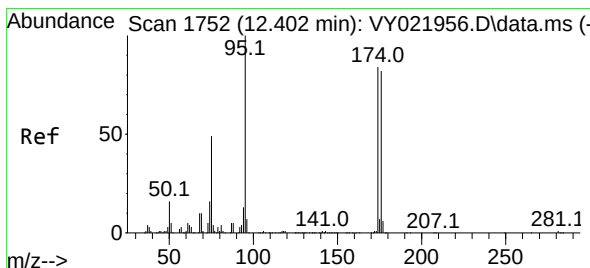
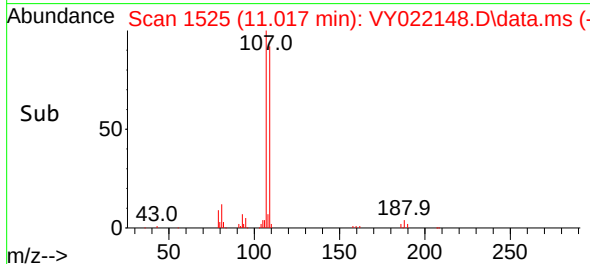
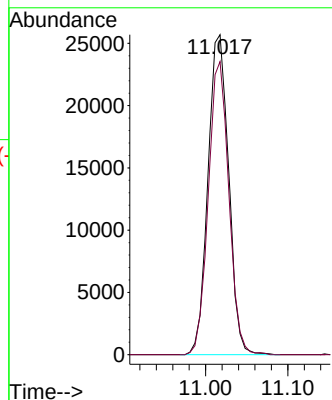
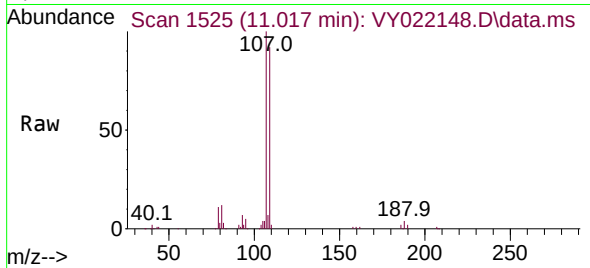




#61
1,2-Dibromoethane
Concen: 21.531 ug/l
RT: 11.017 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

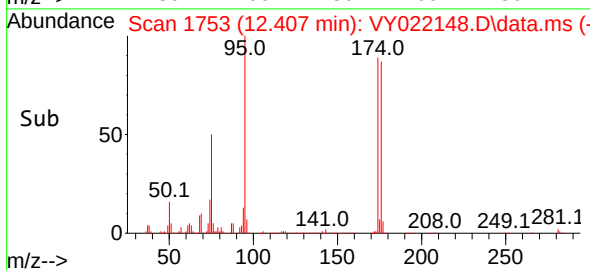
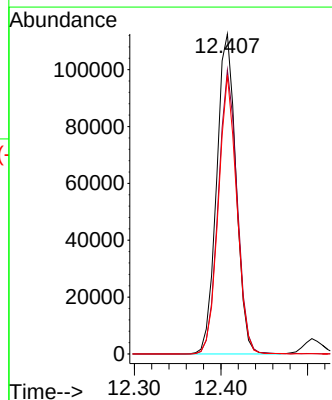
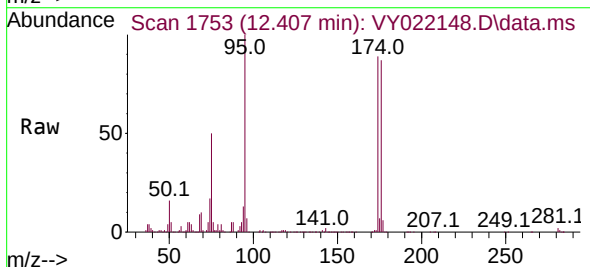
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBSD01

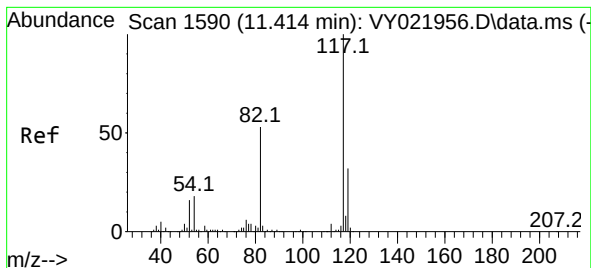
Tgt Ion:107 Resp: 44870
Ion Ratio Lower Upper
107 100
109 90.9 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 48.439 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 95 Resp: 174772
Ion Ratio Lower Upper
95 100
174 86.5 0.0 179.0
176 82.4 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBSD01

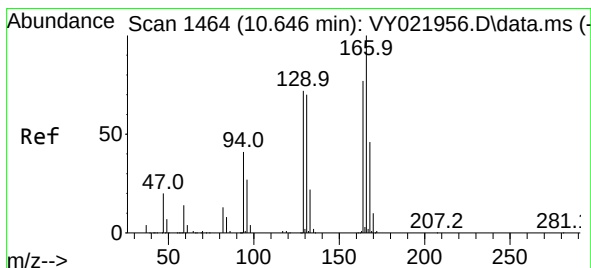
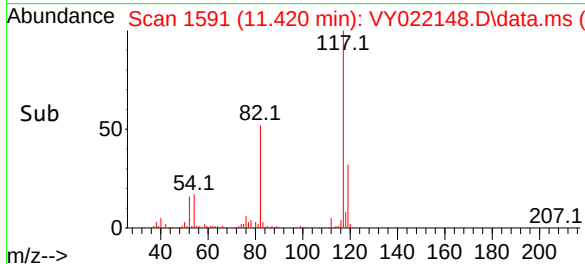
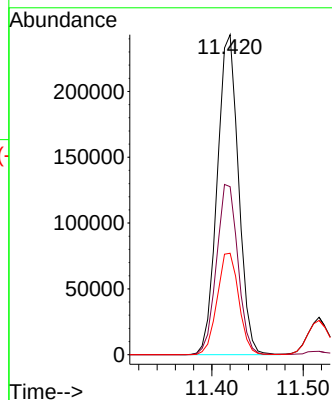
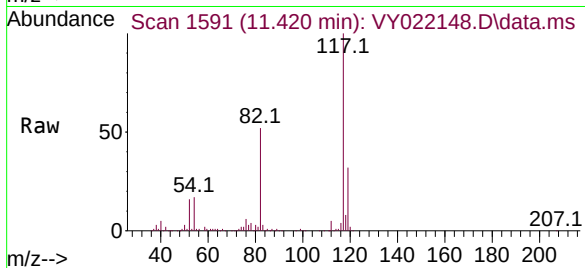
Tgt Ion:117 Resp: 393385

Ion Ratio Lower Upper

117 100

82 52.5 42.1 63.1

119 31.7 25.7 38.5



#64

Tetrachloroethene

Concen: 21.908 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

Tgt Ion:164 Resp: 81301

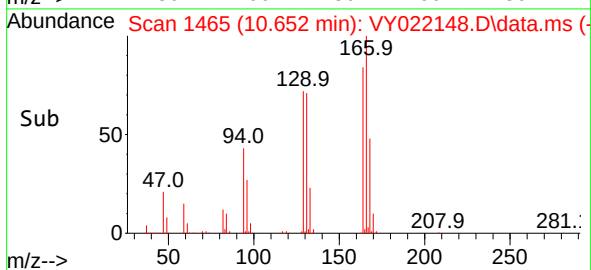
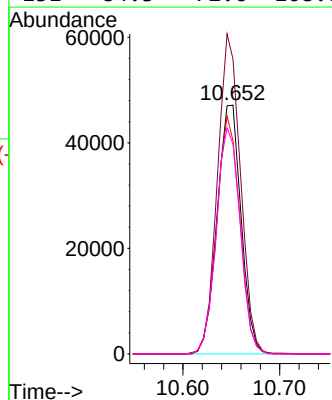
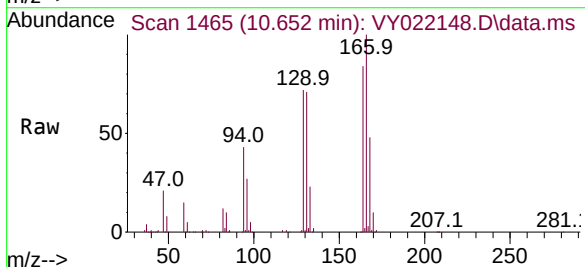
Ion Ratio Lower Upper

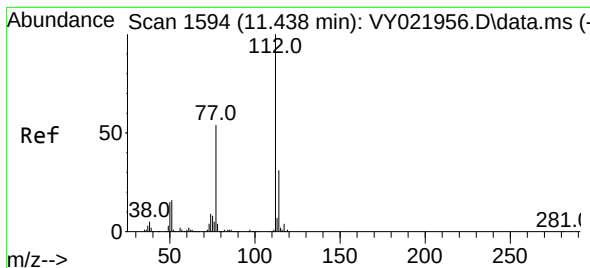
164 100

166 118.4 103.6 155.4

129 85.7 74.2 111.4

131 84.3 72.6 108.8

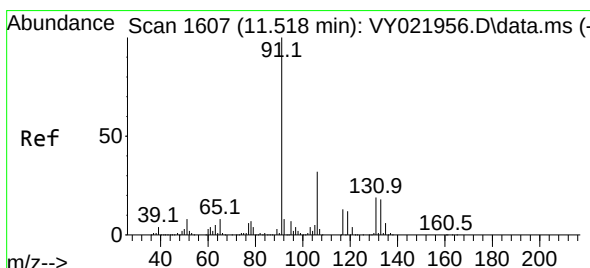
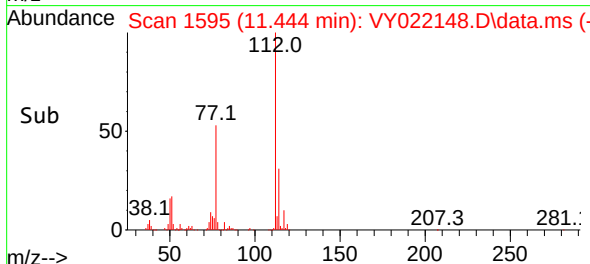
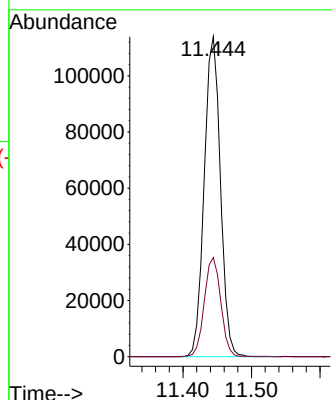
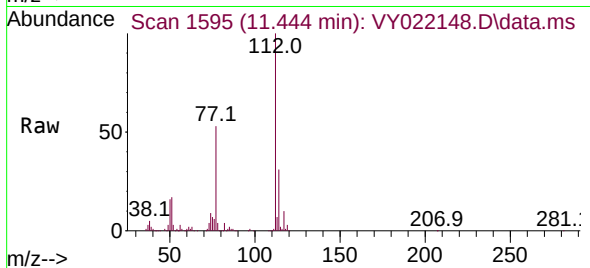




#65
Chlorobenzene
Concen: 21.311 ug/l
RT: 11.444 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

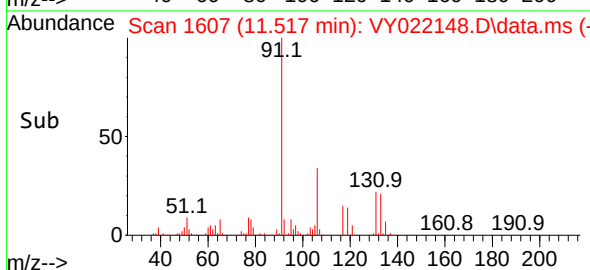
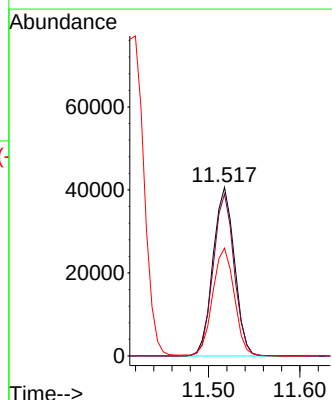
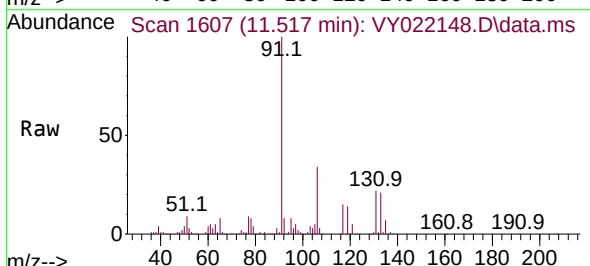
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBSD01

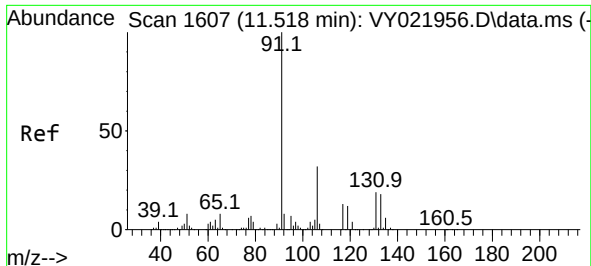
Tgt Ion:112 Resp: 187475
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.360 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion:131 Resp: 66154
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.3
119 65.0 32.4 97.0

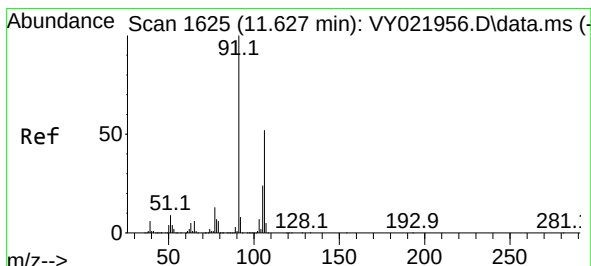
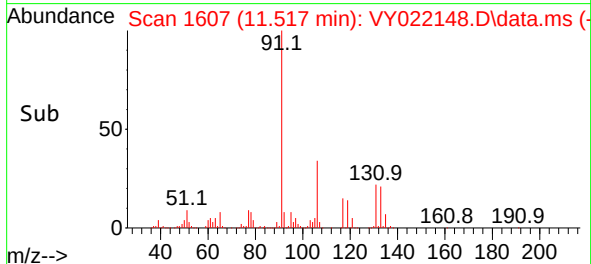
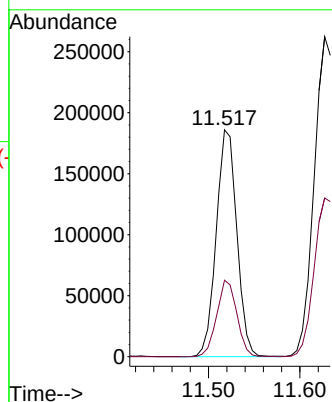
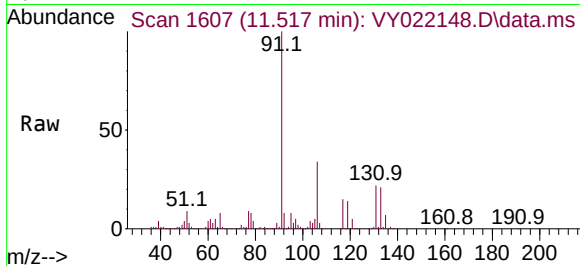




#67
Ethyl Benzene
Concen: 20.260 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

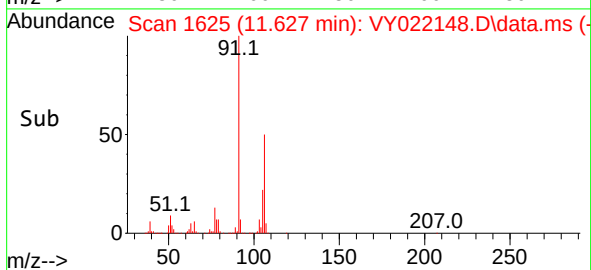
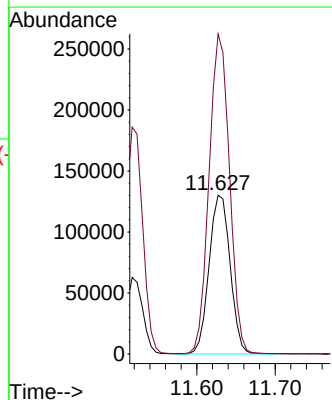
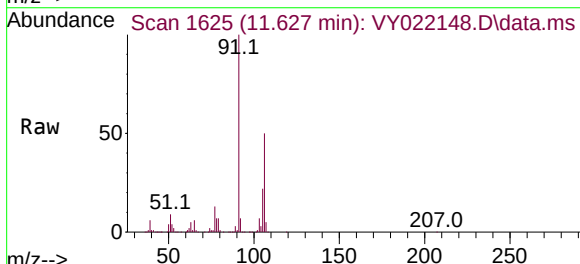
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBSD01

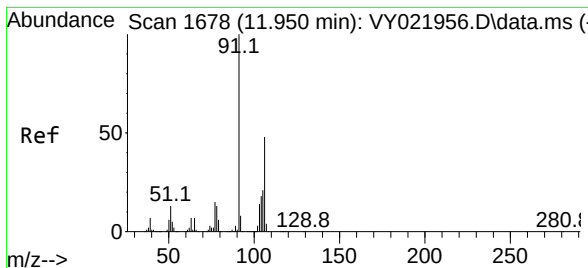
Tgt Ion: 91 Resp: 291549
Ion Ratio Lower Upper
91 100
106 33.7 25.9 38.9



#68
m/p-Xylenes
Concen: 42.341 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 106 Resp: 242458
Ion Ratio Lower Upper
106 100
91 196.1 156.2 234.2

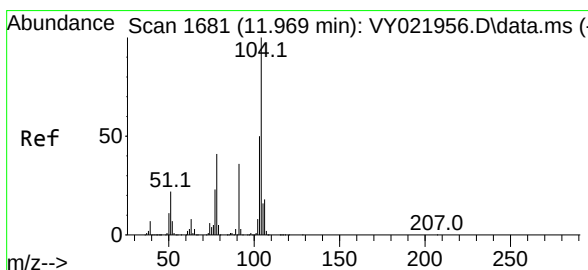
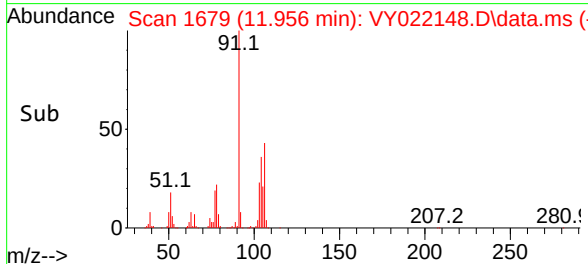
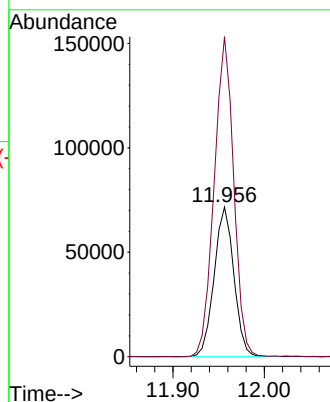
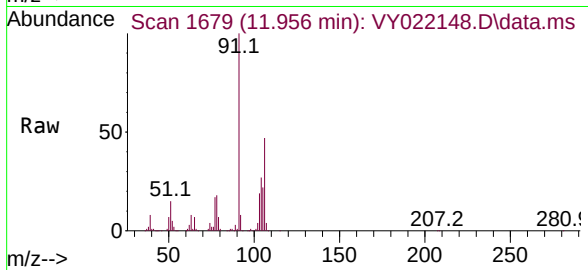




#69
o-Xylene
Concen: 20.361 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

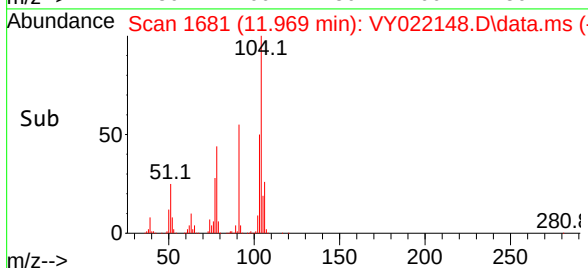
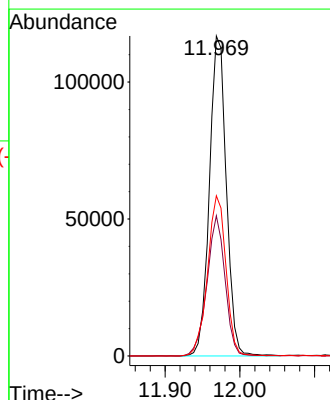
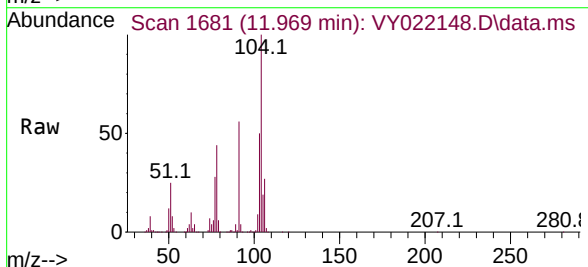
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBSD01

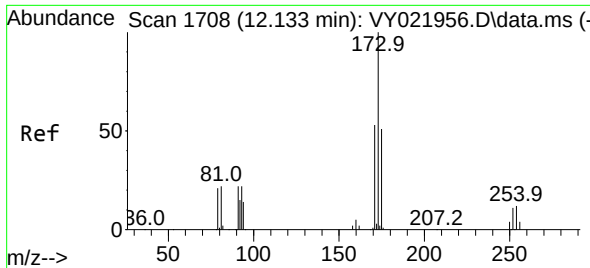
Tgt Ion:106 Resp: 107465
Ion Ratio Lower Upper
106 100
91 212.0 103.0 308.9



#70
Styrene
Concen: 20.688 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion:104 Resp: 183329
Ion Ratio Lower Upper
104 100
78 46.7 36.6 54.8
103 54.7 43.8 65.8

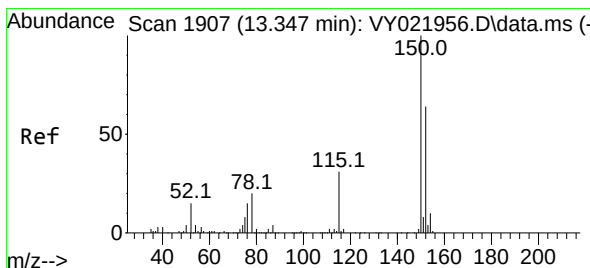
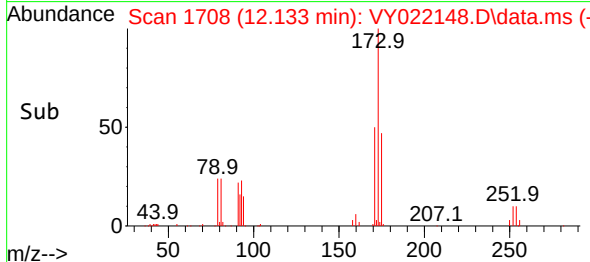
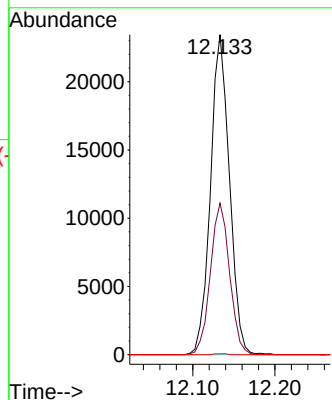
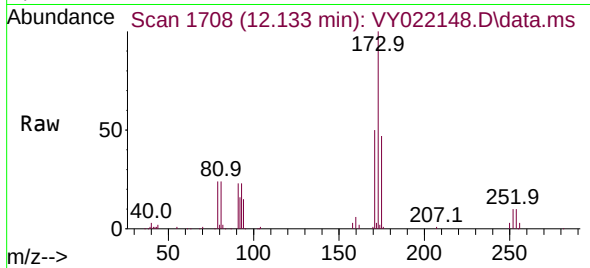




#71
Bromoform
Concen: 20.863 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

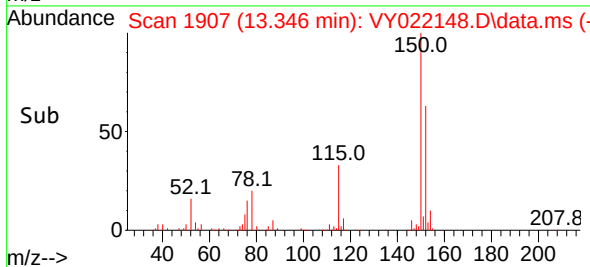
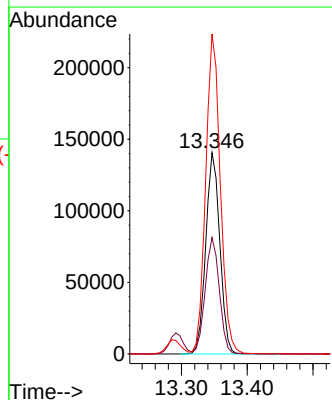
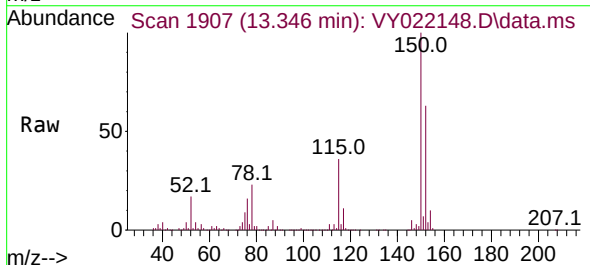
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

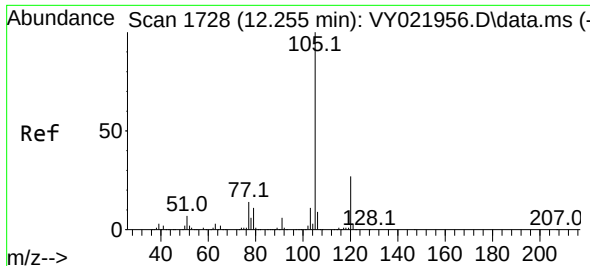
Tgt Ion:173 Resp: 37567
Ion Ratio Lower Upper
173 100
175 47.8 24.3 72.8
254 0.2 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion:152 Resp: 209502
Ion Ratio Lower Upper
152 100
115 58.1 28.0 84.0
150 165.5 0.0 345.6

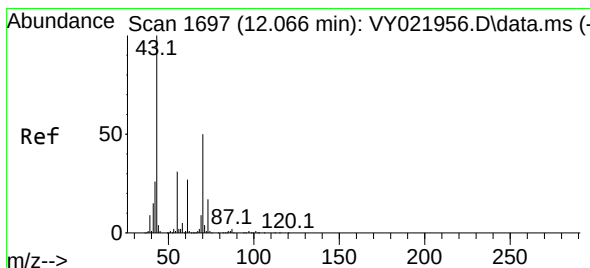
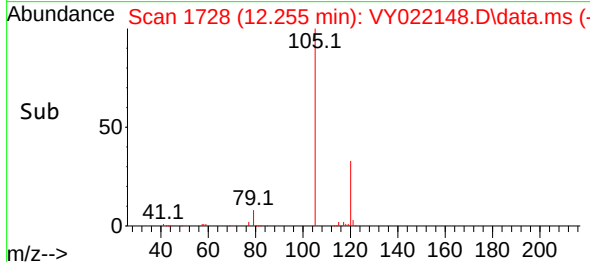
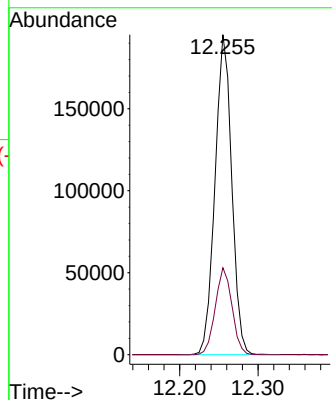
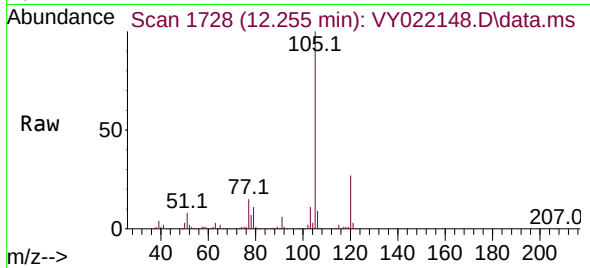




#73
Isopropylbenzene
Concen: 20.670 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

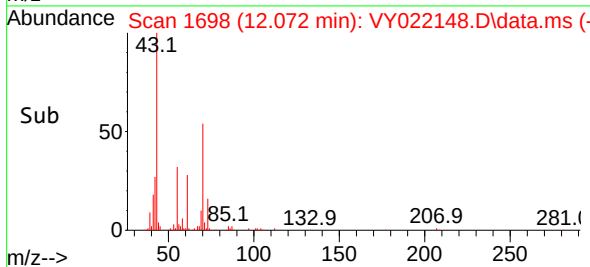
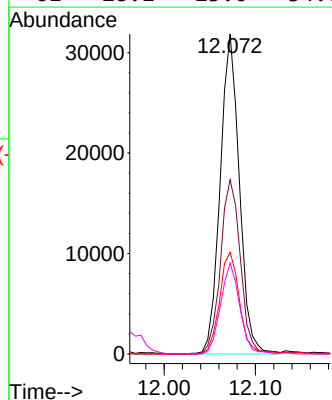
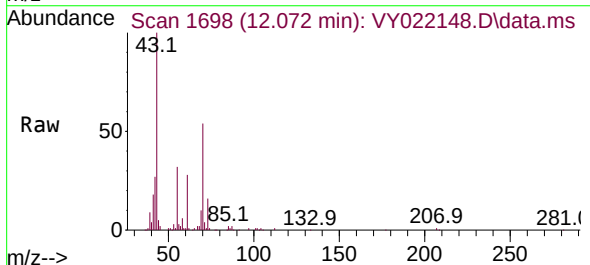
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBSD01

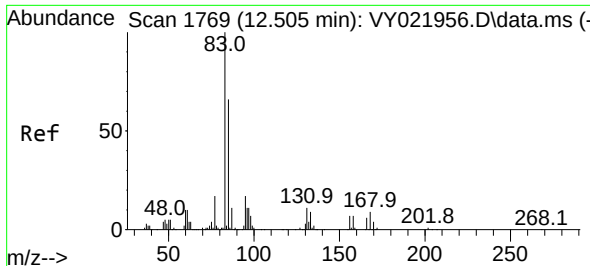
Tgt Ion:105 Resp: 289313
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.5



#74
N-ethyl acetate
Concen: 19.350 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 43 Resp: 46534
Ion Ratio Lower Upper
43 100
70 56.4 43.2 64.8
55 33.5 25.7 38.5
61 28.1 23.0 34.6

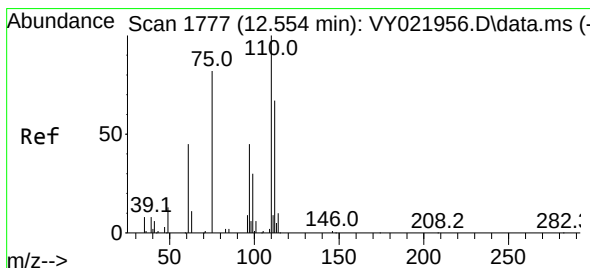
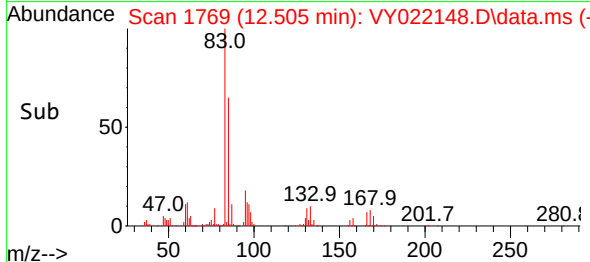
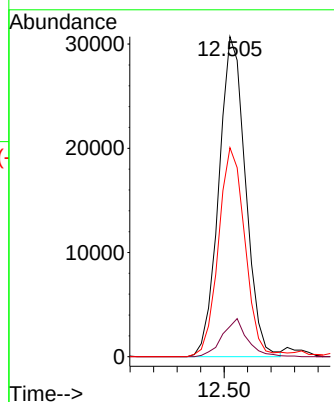
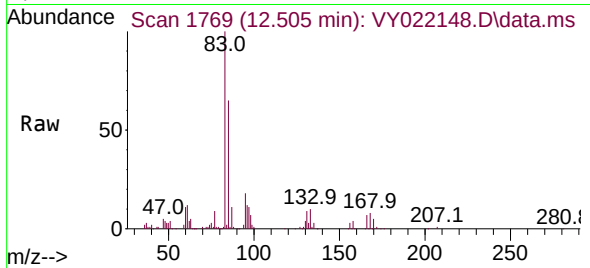




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.529 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022148.D
 Acq: 05 May 2025 10:17

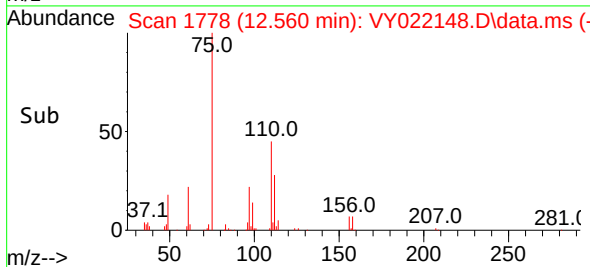
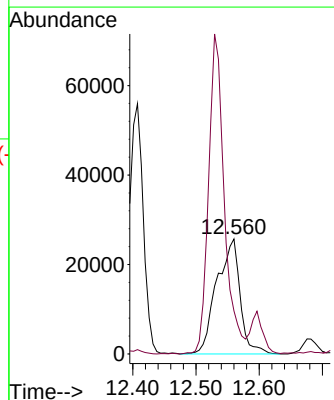
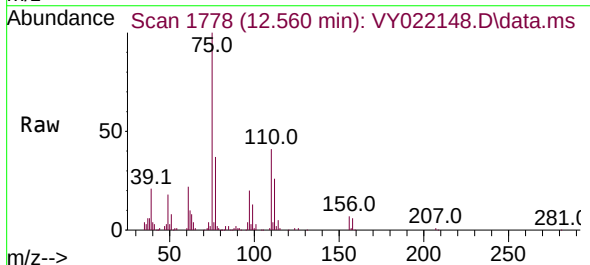
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0505SBSD01

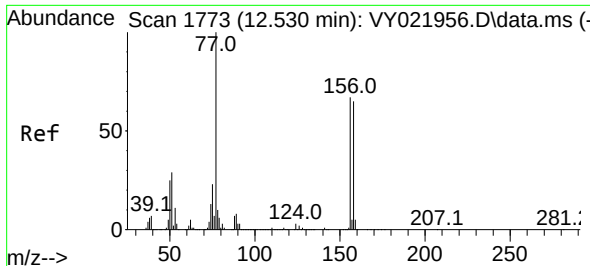
Tgt Ion: 83 Resp: 48444
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.5 16.4
 85 65.1 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 36.820 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY022148.D
 Acq: 05 May 2025 10:17

Tgt Ion: 75 Resp: 66073
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

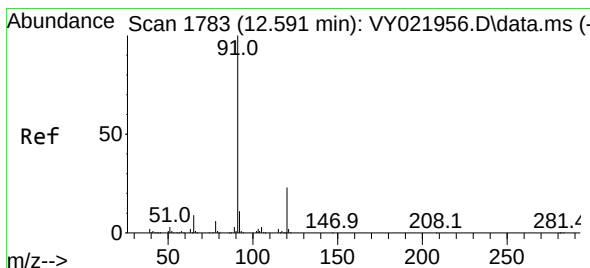
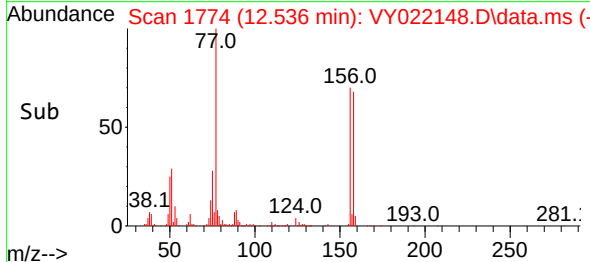
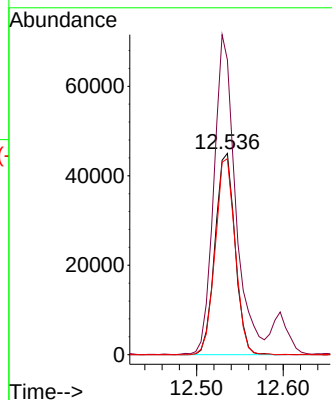
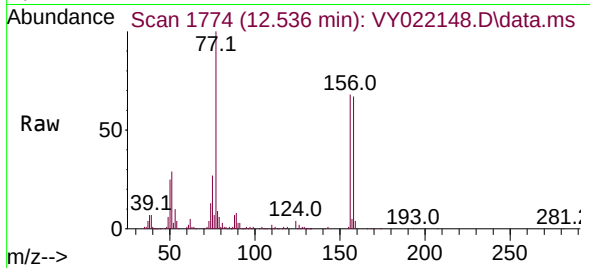




#77
Bromobenzene
Concen: 20.419 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

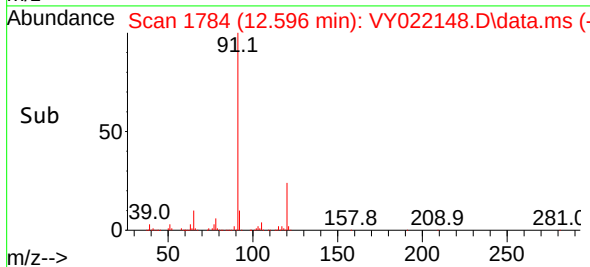
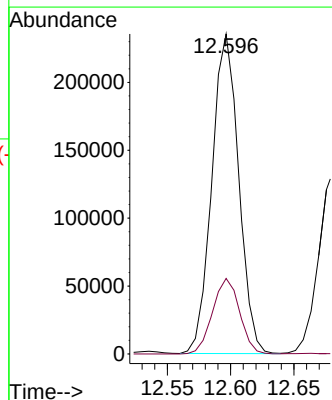
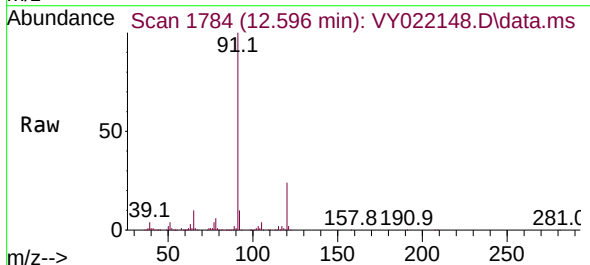
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBSD01

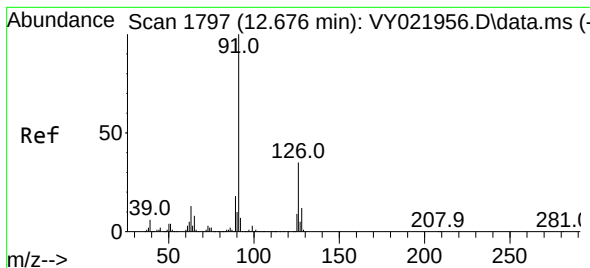
Tgt Ion:156 Resp: 72220
Ion Ratio Lower Upper
156 100
77 172.6 82.7 248.1
158 97.5 48.1 144.4



#78
n-propylbenzene
Concen: 20.814 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 91 Resp: 346937
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5

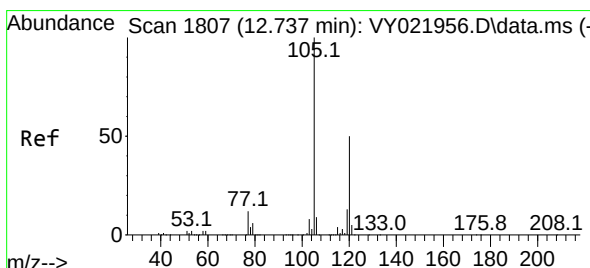
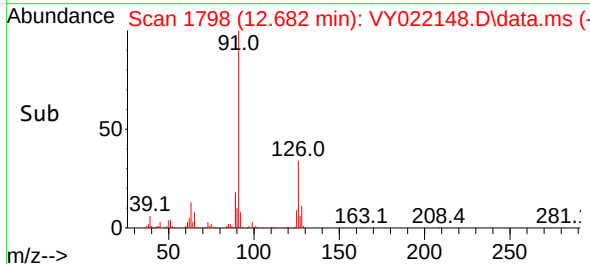
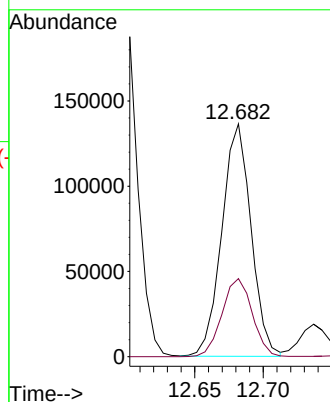
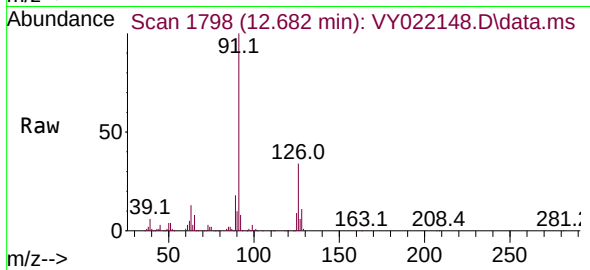




#79
2-Chlorotoluene
Concen: 20.879 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

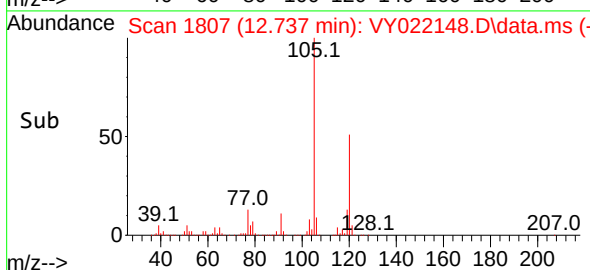
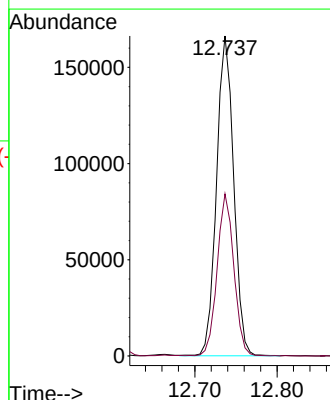
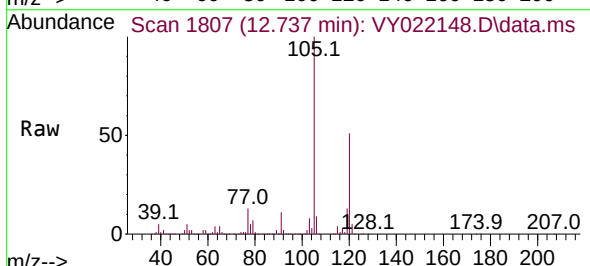
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

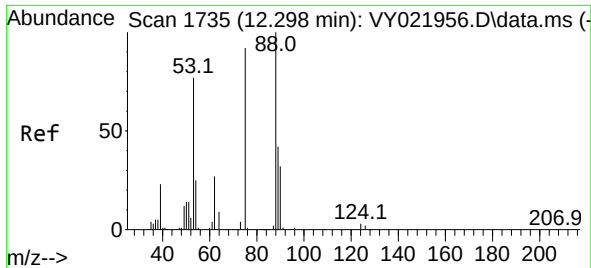
Tgt Ion: 91 Resp: 202404
Ion Ratio Lower Upper
91 100
126 34.8 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 20.898 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 105 Resp: 241006
Ion Ratio Lower Upper
105 100
120 49.2 25.0 75.0

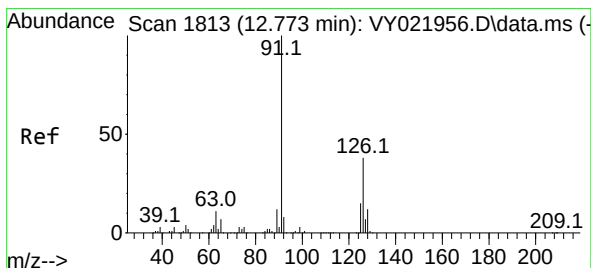
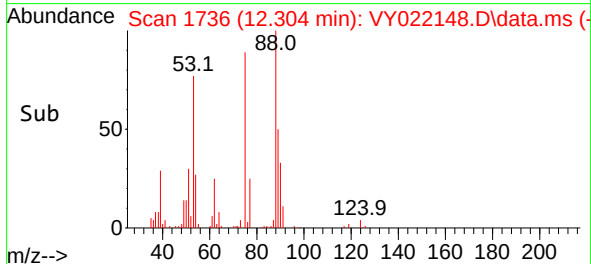
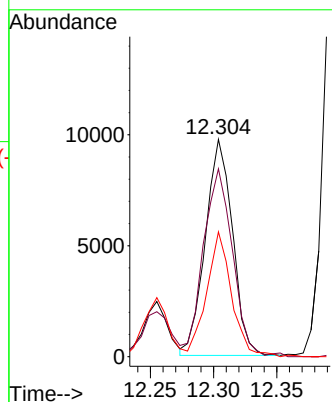
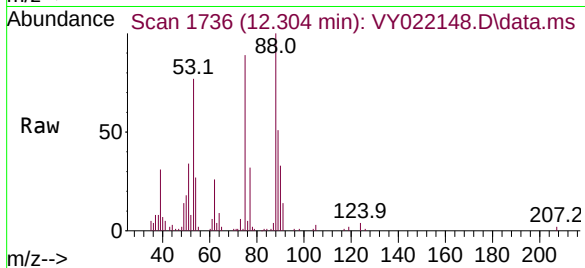




#81
trans-1,4-Dichloro-2-butene
Concen: 19.502 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

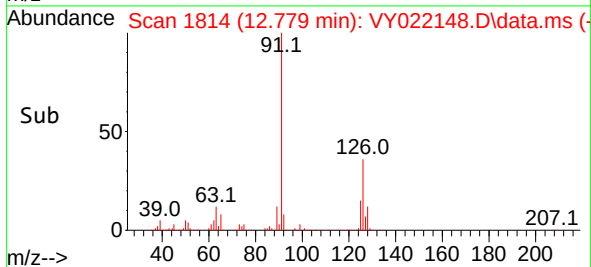
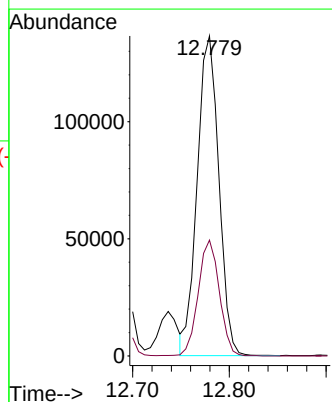
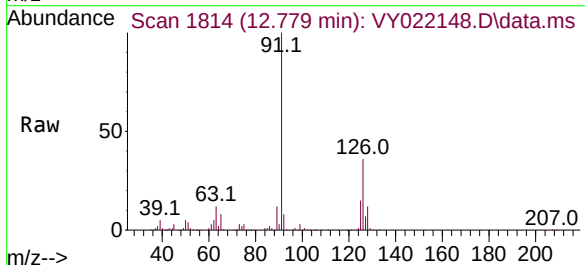
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBSD01

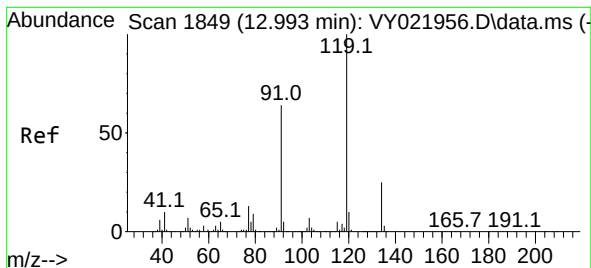
Tgt Ion: 75 Resp: 14532
Ion Ratio Lower Upper
75 100
53 93.8 66.0 99.0
89 53.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 21.063 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 91 Resp: 212250
Ion Ratio Lower Upper
91 100
126 35.5 17.9 53.8





#83

tert-Butylbenzene

Concen: 20.372 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

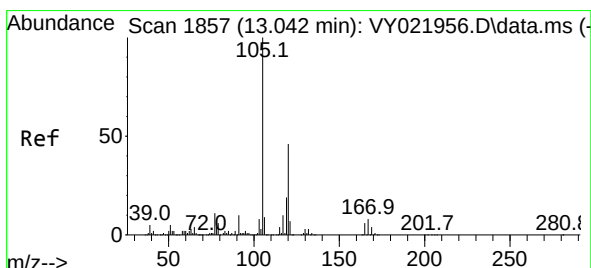
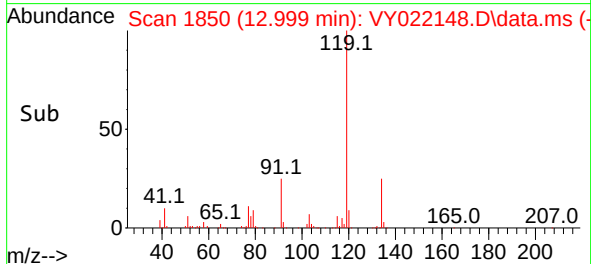
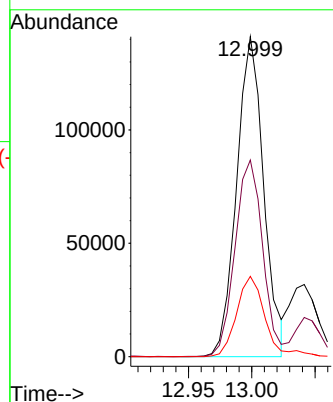
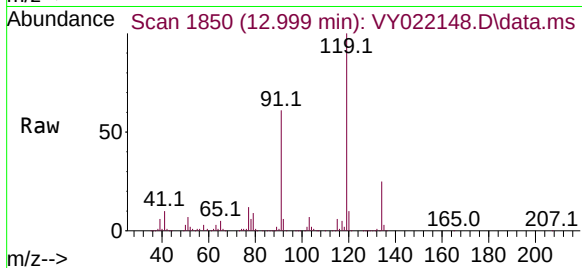
Tgt Ion:119 Resp: 210708

Ion Ratio Lower Upper

119 100

91 62.7 30.3 90.9

134 26.4 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 21.150 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022148.D

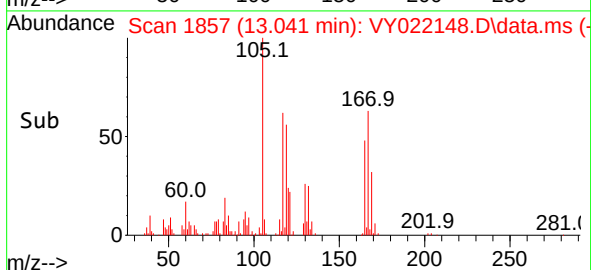
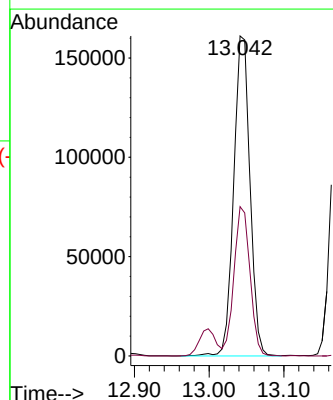
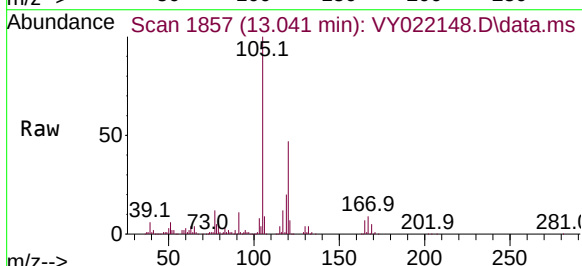
Acq: 05 May 2025 10:17

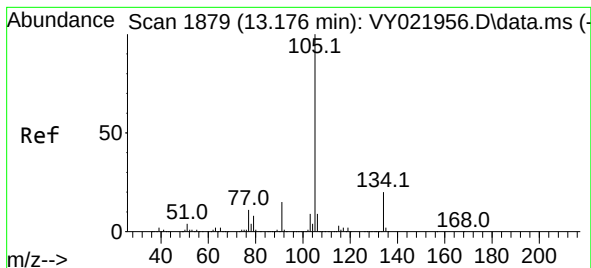
Tgt Ion:105 Resp: 243968

Ion Ratio Lower Upper

105 100

120 45.9 23.4 70.0





#85

sec-Butylbenzene

Concen: 20.893 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

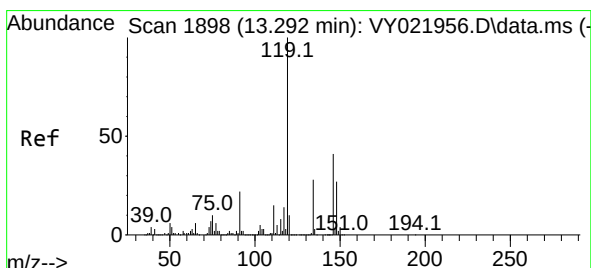
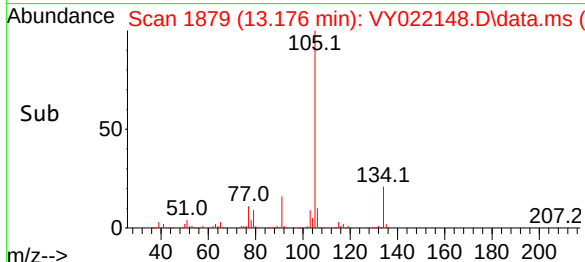
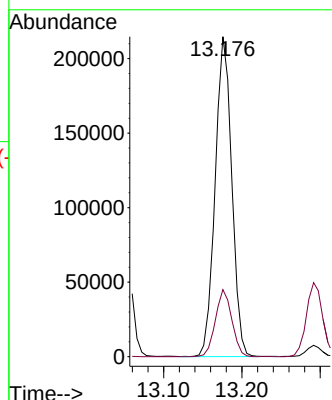
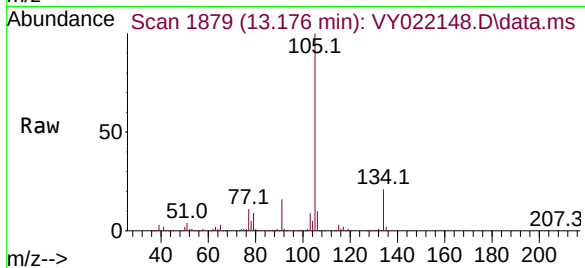
VY0505SBS01

Tgt Ion:105 Resp: 316220

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.9



#86

p-Isopropyltoluene

Concen: 20.562 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

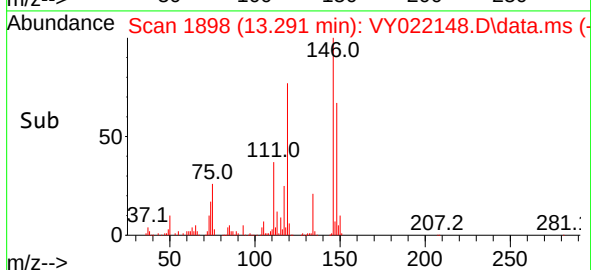
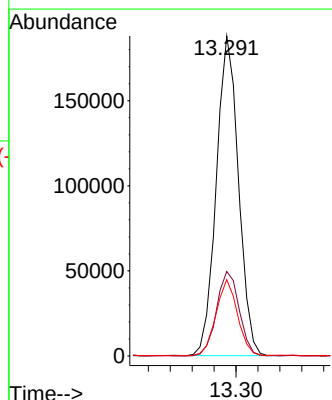
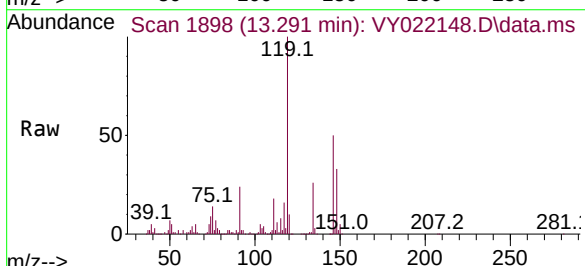
Tgt Ion:119 Resp: 264257

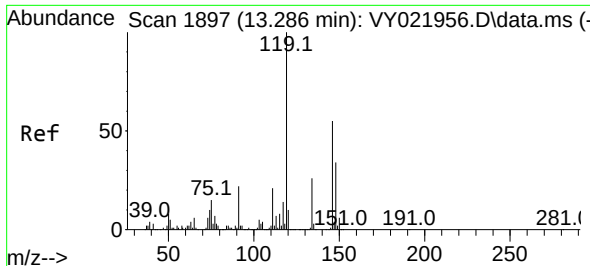
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 23.1 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 20.663 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBSD01

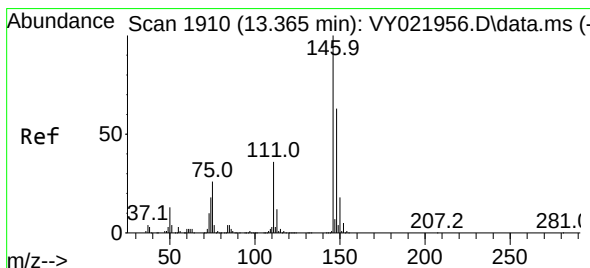
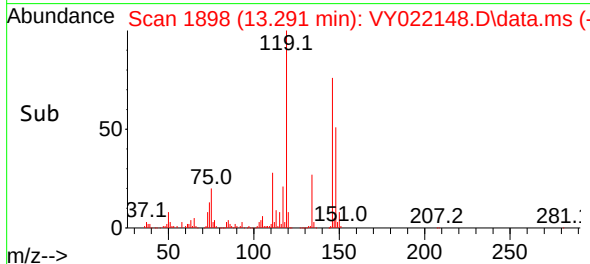
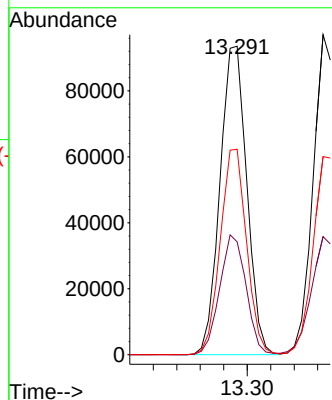
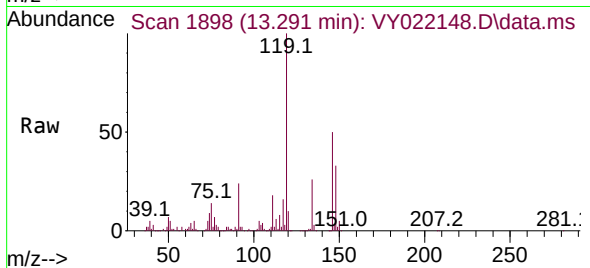
Tgt Ion:146 Resp: 148429

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.5

148 65.4 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 20.759 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

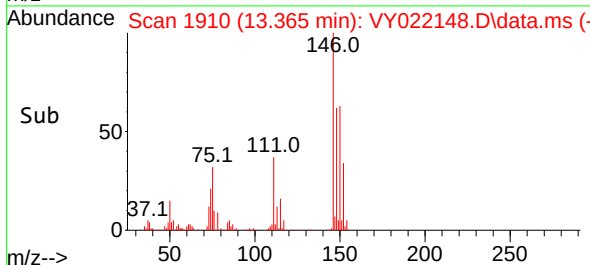
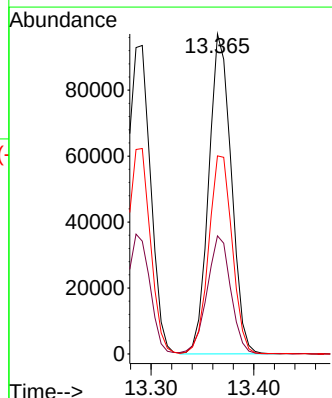
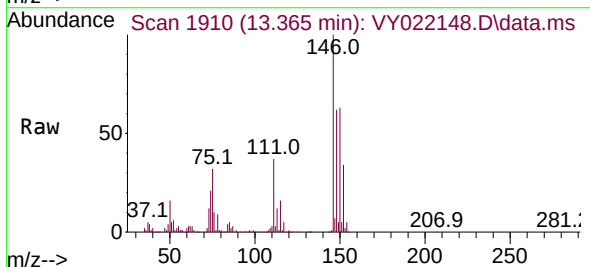
Tgt Ion:146 Resp: 147690

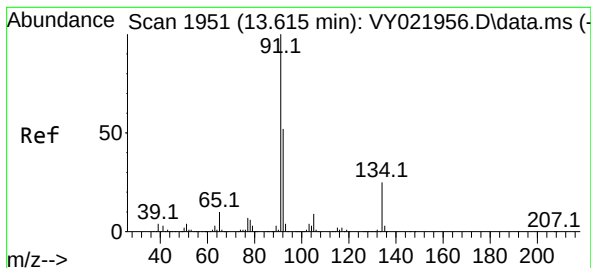
Ion Ratio Lower Upper

146 100

111 38.7 19.2 57.6

148 64.5 32.0 96.0





#89

n-Butylbenzene

Concen: 20.454 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBSD01

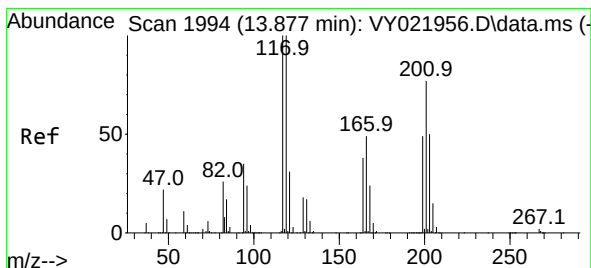
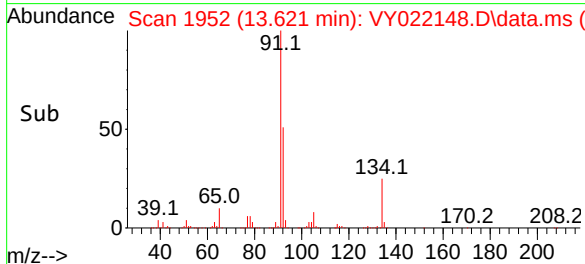
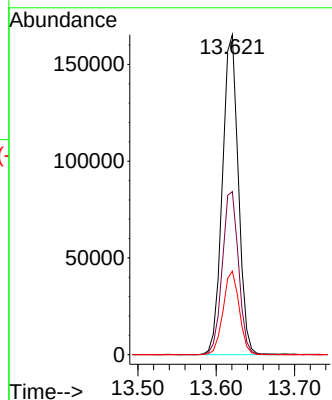
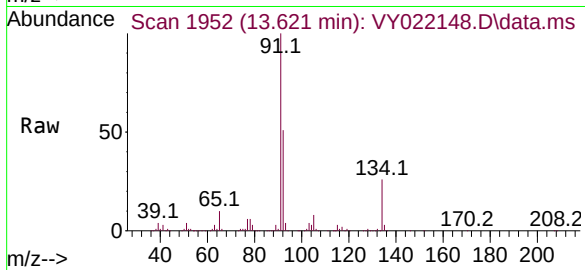
Tgt Ion: 91 Resp: 234967

Ion Ratio Lower Upper

91 100

92 52.0 26.5 79.5

134 26.3 13.4 40.1



#90

Hexachloroethane

Concen: 21.125 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022148.D

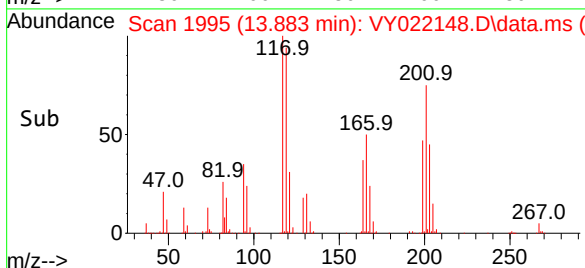
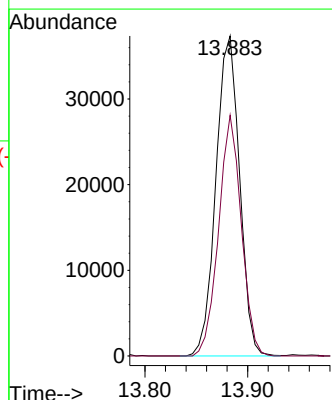
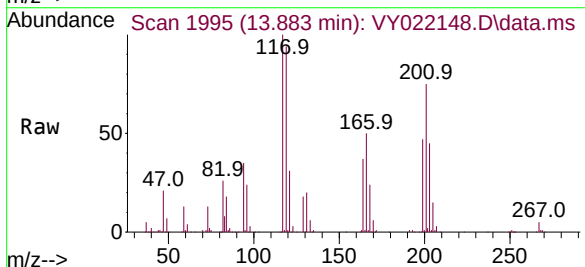
Acq: 05 May 2025 10:17

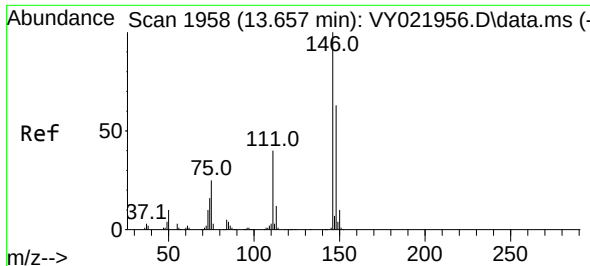
Tgt Ion: 117 Resp: 59652

Ion Ratio Lower Upper

117 100

201 72.1 38.7 116.1

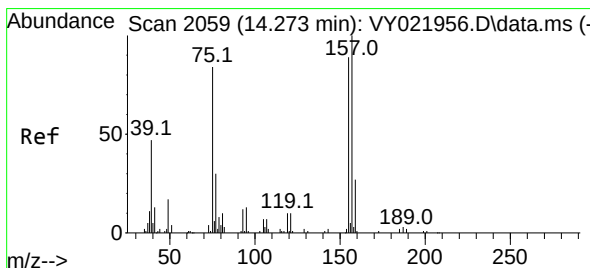
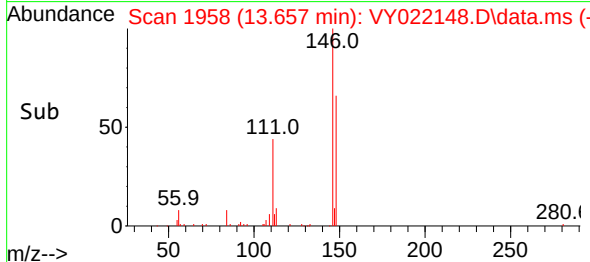
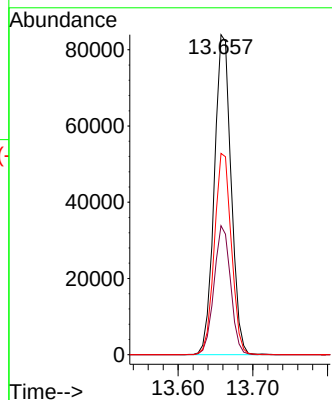
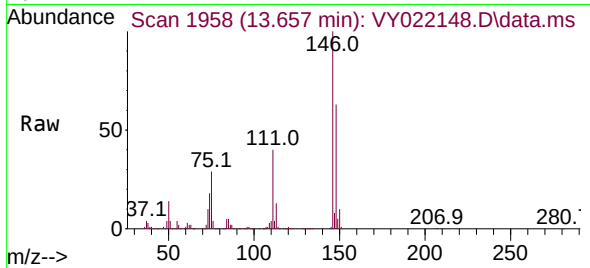




#91
1,2-Dichlorobenzene
Concen: 20.908 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

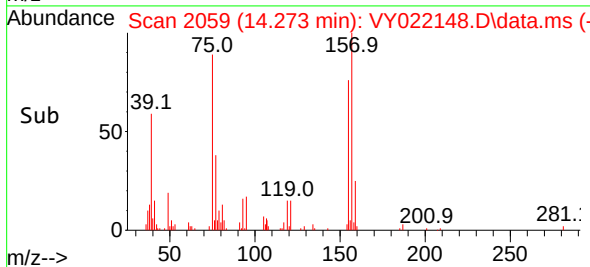
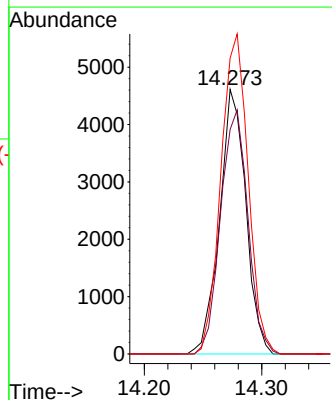
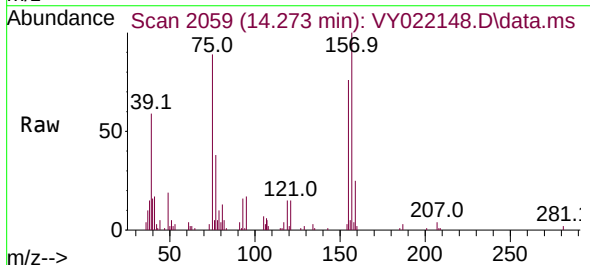
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBSD01

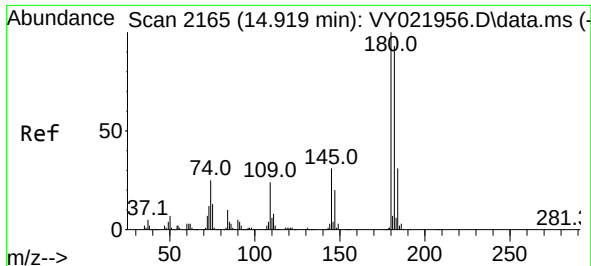
Tgt Ion:146 Resp: 130998
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.1
148 63.5 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.047 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022148.D
Acq: 05 May 2025 10:17

Tgt Ion: 75 Resp: 7151
Ion Ratio Lower Upper
75 100
155 96.1 50.7 152.3
157 125.5 62.6 187.8

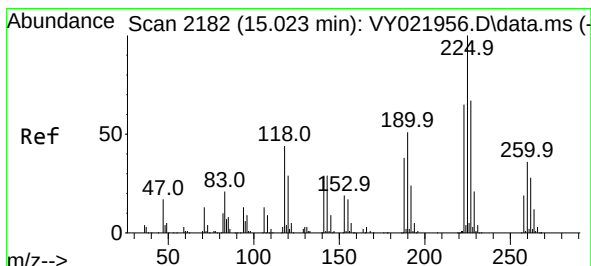
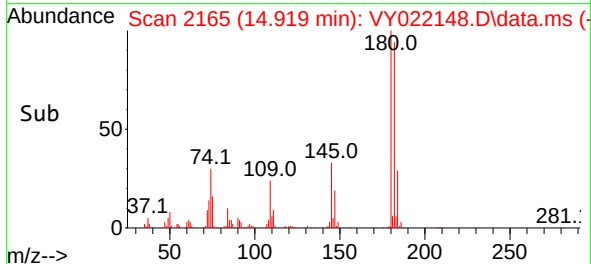
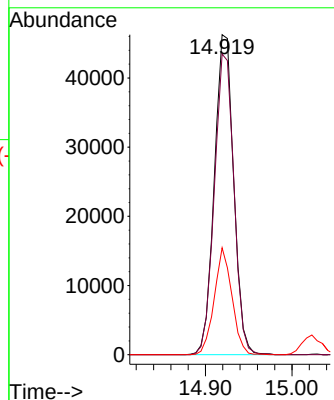
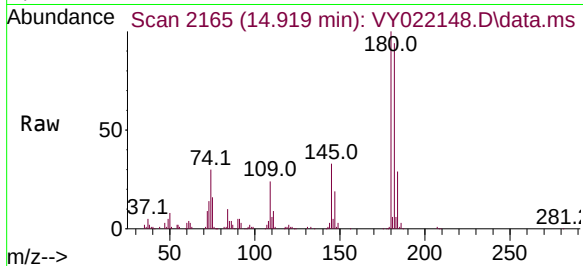




#93
 1,2,4-Trichlorobenzene
 Concen: 20.210 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY022148.D
 Acq: 05 May 2025 10:17

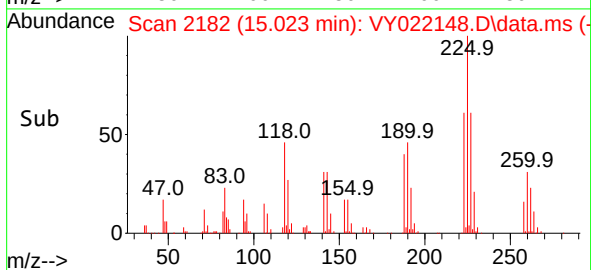
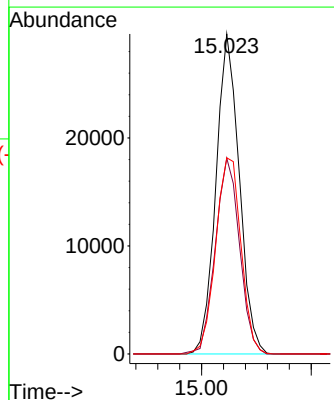
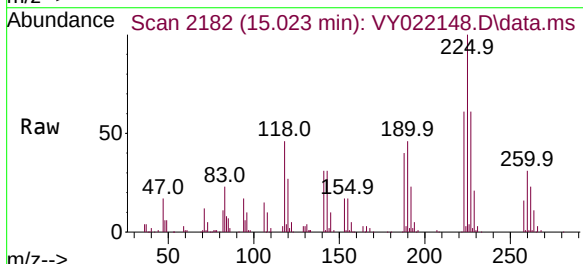
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0505SBS01

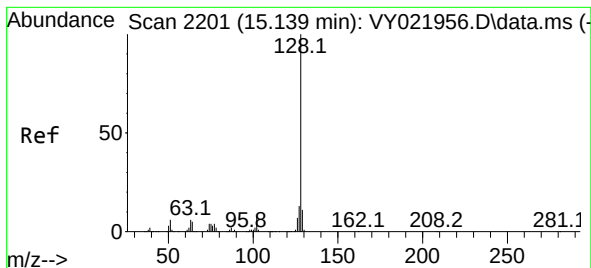
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.1	141.4
145	30.5	15.0	45.0



#94
 Hexachlorobutadiene
 Concen: 20.052 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.000 min
 Lab File: VY022148.D
 Acq: 05 May 2025 10:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.9	95.5
227	66.5	32.3	96.9





#95

Naphthalene

Concen: 19.094 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBSD01

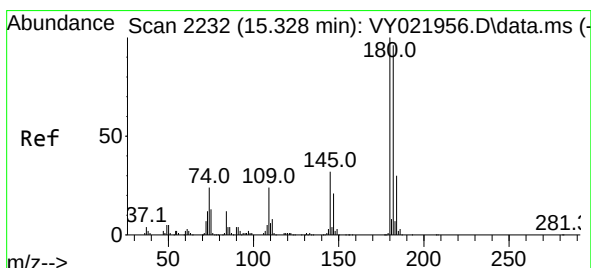
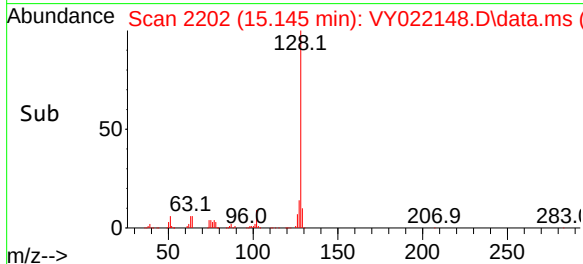
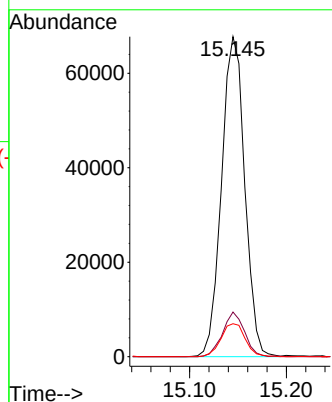
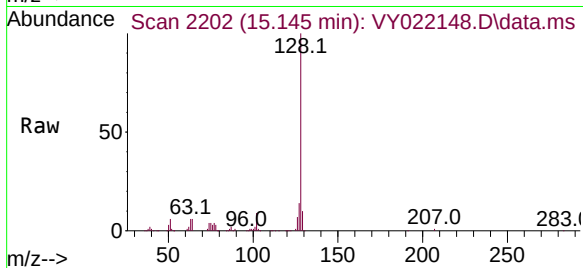
Tgt Ion:128 Resp: 112613

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 20.446 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022148.D

Acq: 05 May 2025 10:17

Tgt Ion:180 Resp: 62663

Ion Ratio Lower Upper

180 100

182 93.4 48.1 144.4

145 30.6 16.0 48.0

