

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
 Data File : VY022170.D
 Acq On : 06 May 2025 09:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 07 04:30:22 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	7.713	168	239745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	360580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	331226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	184988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	110746	50.010	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.020%	
35) Dibromofluoromethane	7.640	113	120311	50.504	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.000%	
50) Toluene-d8	10.109	98	462783	51.530	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.060%	
62) 4-Bromofluorobenzene	12.408	95	157189	51.992	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.980%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	90373	44.239	ug/l	98
3) Chloromethane	2.074	50	137200	47.167	ug/l	97
4) Vinyl Chloride	2.208	62	183551	51.350	ug/l	100
5) Bromomethane	2.598	94	140971	45.776	ug/l	98
6) Chloroethane	2.739	64	125216	51.436	ug/l	99
7) Trichlorofluoromethane	3.062	101	227379	48.240	ug/l	99
8) Diethyl Ether	3.458	74	57631	46.976	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	126132	49.329	ug/l	98
10) Methyl Iodide	4.007	142	142230	48.044	ug/l	98
11) Tert butyl alcohol	4.866	59	29710	244.379	ug/l	100
12) 1,1-Dichloroethene	3.793	96	114957	48.234	ug/l	94
13) Acrolein	3.659	56	20342	93.226	ug/l	97
14) Allyl chloride	4.385	41	143009	51.533	ug/l	97
15) Acrylonitrile	5.061	53	114463	254.854	ug/l	99
16) Acetone	3.873	43	92493	325.552	ug/l	99
17) Carbon Disulfide	4.110	76	354211	46.612	ug/l	99
18) Methyl Acetate	4.391	43	59387	57.410	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	268286	50.294	ug/l	99
20) Methylene Chloride	4.616	84	126376	45.132	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	133224	49.912	ug/l	94
22) Diisopropyl ether	6.025	45	334127	54.103	ug/l	96
23) Vinyl Acetate	5.964	43	892371	268.116	ug/l	98
24) 1,1-Dichloroethane	5.921	63	221609	51.769	ug/l	99
25) 2-Butanone	6.903	43	135410	268.255	ug/l	96
26) 2,2-Dichloropropane	6.884	77	198938	53.023	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	150949	50.577	ug/l	95
28) Bromochloromethane	7.244	49	83906	50.463	ug/l	96
29) Tetrahydrofuran	7.262	42	89042	271.597	ug/l	99
30) Chloroform	7.427	83	244222	51.434	ug/l	99
31) Cyclohexane	7.707	56	185967	50.801	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	217798	50.699	ug/l	99
36) 1,1-Dichloropropene	7.841	75	171489	53.592	ug/l	98
37) Ethyl Acetate	6.982	43	62672	54.533	ug/l	97
38) Carbon Tetrachloride	7.823	117	203555	53.235	ug/l	97
39) Methylcyclohexane	9.109	83	217351	53.975	ug/l	94
40) Benzene	8.085	78	529500	52.935	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	32904	52.375	ug/l	95
42) 1,2-Dichloroethane	8.165	62	131950	53.280	ug/l	98
43) Isopropyl Acetate	8.201	43	118191	53.552	ug/l	99
44) Trichloroethene	8.866	130	144198	52.045	ug/l	99
45) 1,2-Dichloropropane	9.146	63	121282	54.827	ug/l	98
46) Dibromomethane	9.237	93	73119	52.804	ug/l	97
47) Bromodichloromethane	9.426	83	184993	53.477	ug/l	99
48) Methyl methacrylate	9.225	41	56815	55.686	ug/l	97
49) 1,4-Dioxane	9.231	88	15422	1044.921	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	329679	284.953	ug/l	98
52) Toluene	10.176	92	351869	54.344	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	163371	55.059	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	189466	53.717	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	99416	53.748	ug/l	97
56) Ethyl methacrylate	10.445	69	115554	54.630	ug/l	96
57) 1,3-Dichloropropane	10.719	76	158472	53.442	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	283721	274.338	ug/l	99
59) 2-Hexanone	10.762	43	221418	290.152	ug/l	98
60) Dibromochloromethane	10.914	129	135560	52.935	ug/l	100
61) 1,2-Dibromoethane	11.018	107	92378	52.902	ug/l	100
64) Tetrachloroethene	10.652	164	162239	51.922	ug/l	99
65) Chlorobenzene	11.444	112	390272	52.689	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	136983	52.530	ug/l	98
67) Ethyl Benzene	11.524	91	672576	55.508	ug/l	99
68) m/p-Xylenes	11.633	106	541347	112.277	ug/l	100
69) o-Xylene	11.957	106	246335	55.432	ug/l	98
70) Styrene	11.969	104	423444	56.750	ug/l	99
71) Bromoform	12.133	173	79117	52.185	ug/l #	100
73) Isopropylbenzene	12.255	105	654161	52.929	ug/l	100
74) N-amyl acetate	12.072	43	109786	51.702	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	106920	51.312	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	143008	90.254	ug/l #	100
77) Bromobenzene	12.536	156	155166	49.685	ug/l	96
78) n-propylbenzene	12.597	91	802900	54.551	ug/l	99
79) 2-Chlorotoluene	12.682	91	452344	52.846	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	553534	54.357	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	33948	51.594	ug/l	98
82) 4-Chlorotoluene	12.780	91	474107	53.283	ug/l	99
83) tert-Butylbenzene	12.999	119	484239	53.022	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	557633	54.747	ug/l	100
85) sec-Butylbenzene	13.176	105	727224	54.416	ug/l	99
86) p-Isopropyltoluene	13.292	119	620080	54.641	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	327645	51.656	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	323350	51.473	ug/l	99
89) n-Butylbenzene	13.621	91	560229	55.231	ug/l	100
90) Hexachloroethane	13.883	117	129569	51.967	ug/l	97
91) 1,2-Dichlorobenzene	13.664	146	284643	51.452	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	16698	50.369	ug/l	89
93) 1,2,4-Trichlorobenzene	14.925	180	157369	50.198	ug/l	100
94) Hexachlorobutadiene	15.029	225	95951	49.746	ug/l	99
95) Naphthalene	15.145	128	259824	49.892	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	135284	49.992	ug/l	100

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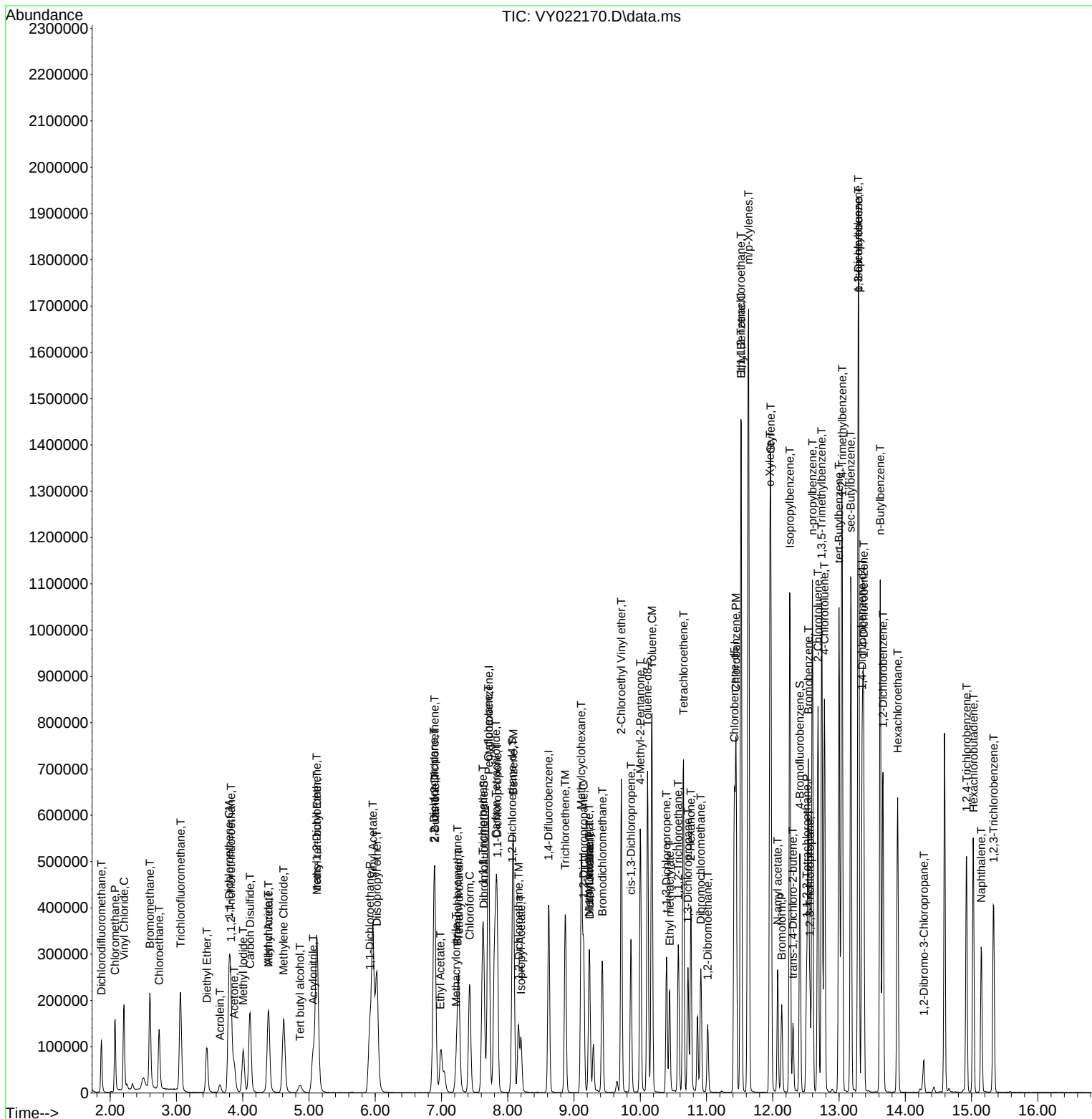
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MSVOA_Y
ClientSampleId :
VSTDCCC050

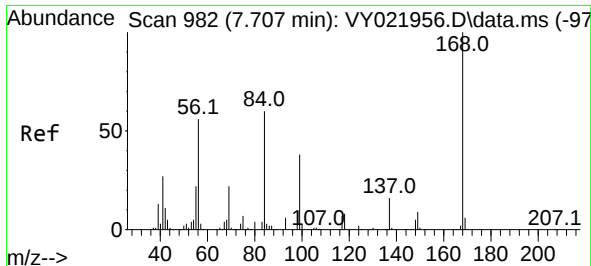
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QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

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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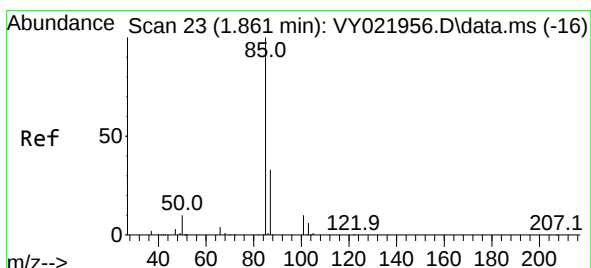
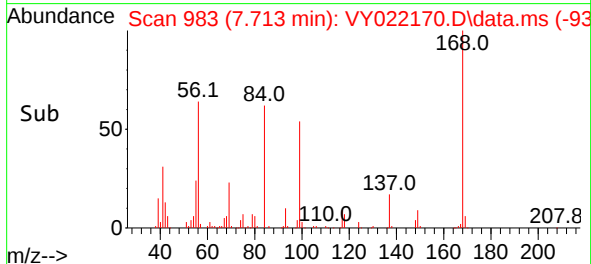
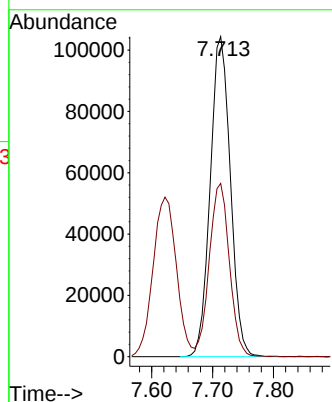
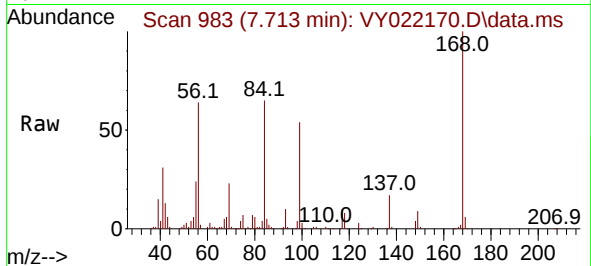




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022170.D
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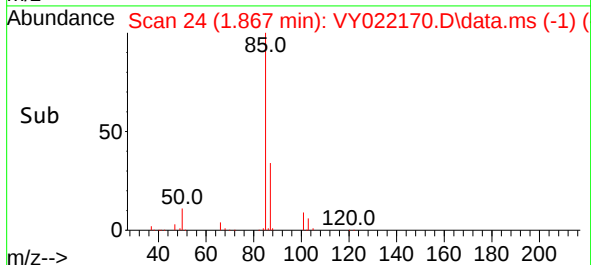
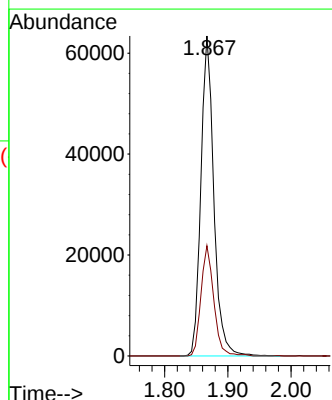
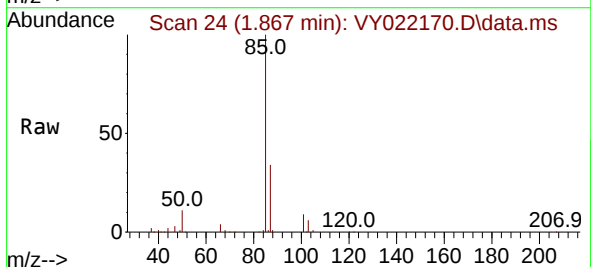
Instrument :
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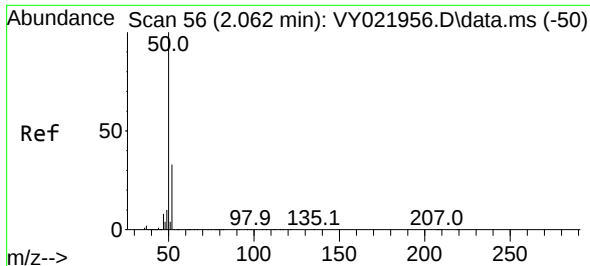
Tgt Ion:168 Resp: 239745
Ion Ratio Lower Upper
168 100
99 54.1 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 44.239 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 85 Resp: 90373
Ion Ratio Lower Upper
85 100
87 34.4 16.6 49.7

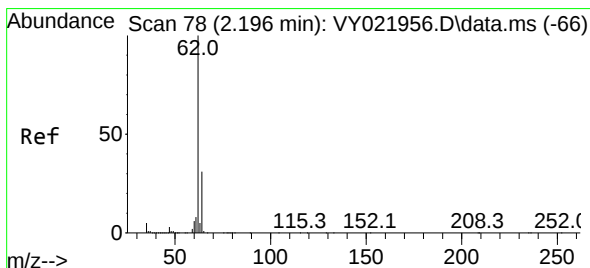
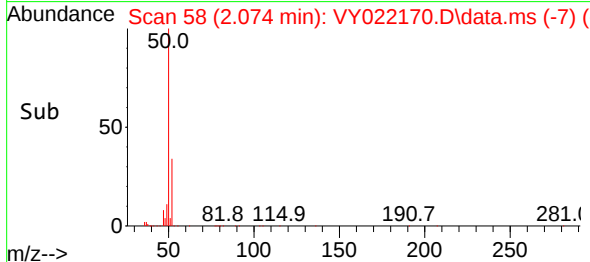
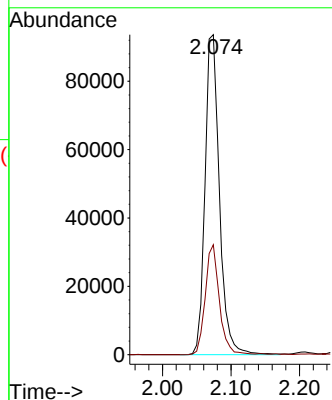
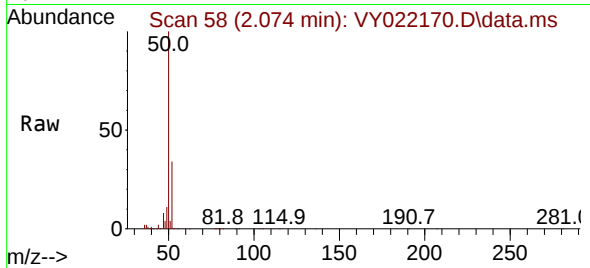




#3
Chloromethane
Concen: 47.167 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

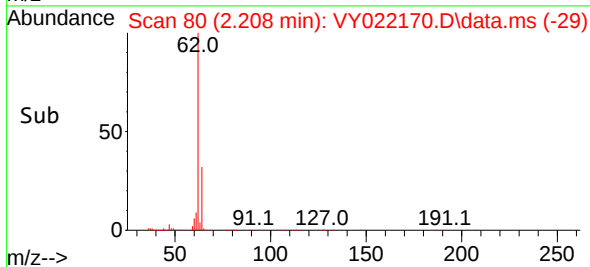
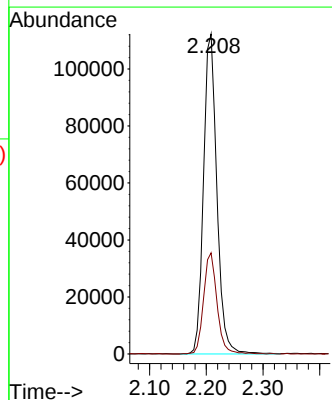
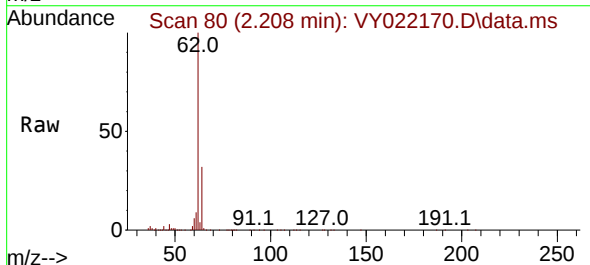
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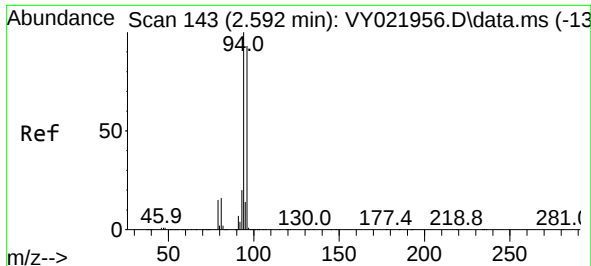
Tgt Ion: 50 Resp: 137200
Ion Ratio Lower Upper
50 100
52 34.4 26.1 39.1



#4
Vinyl Chloride
Concen: 51.350 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 62 Resp: 183551
Ion Ratio Lower Upper
62 100
64 31.6 25.1 37.7

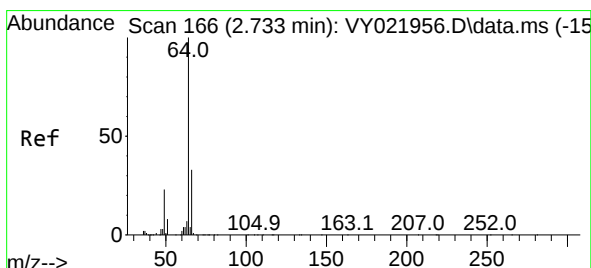
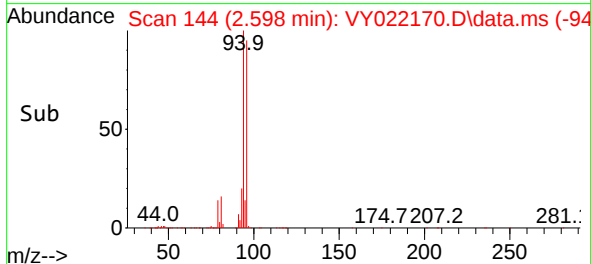
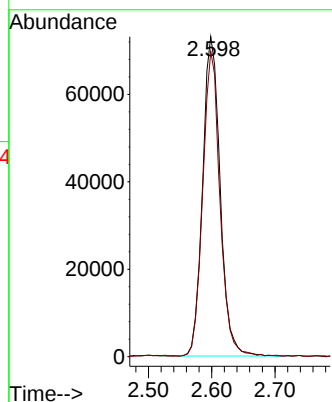
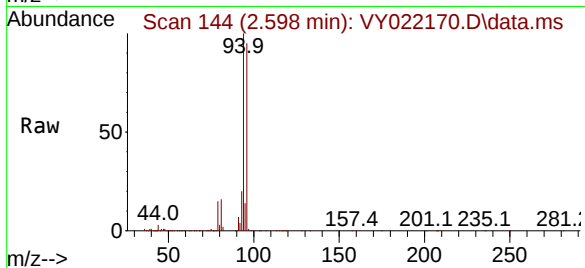




#5
Bromomethane
Concen: 45.776 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

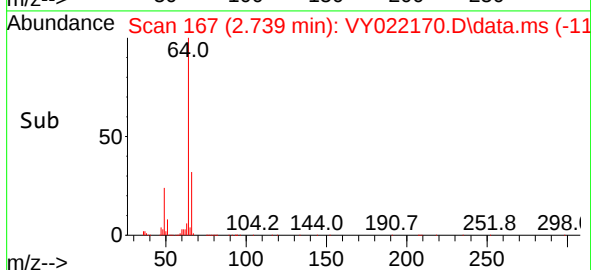
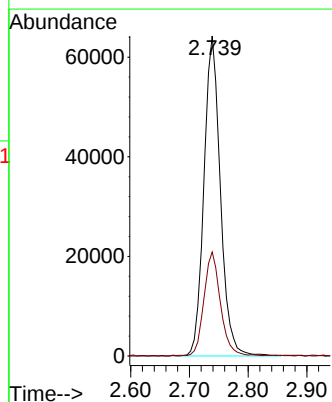
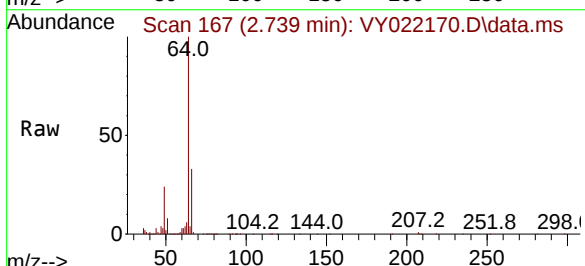
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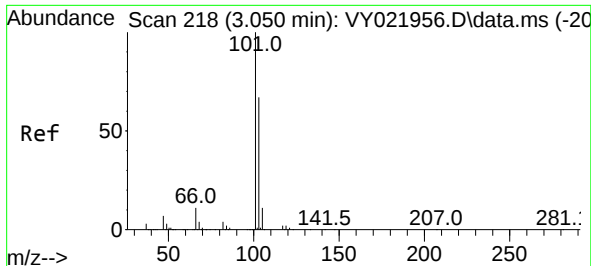
Tgt Ion: 94 Resp: 140971
Ion Ratio Lower Upper
94 100
96 95.4 74.6 111.8



#6
Chloroethane
Concen: 51.436 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 64 Resp: 125216
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4

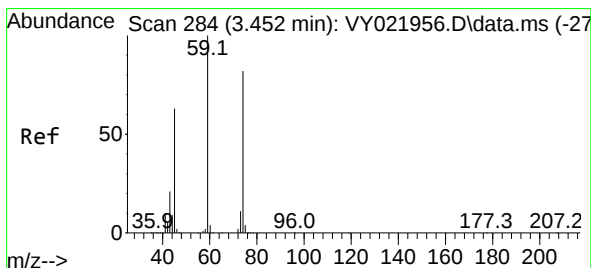
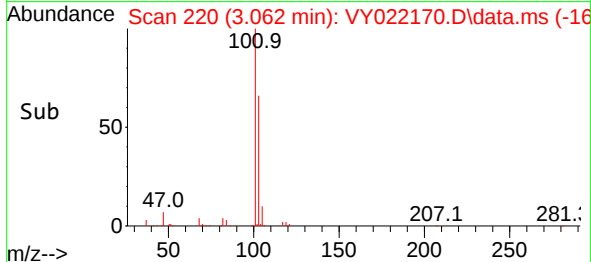
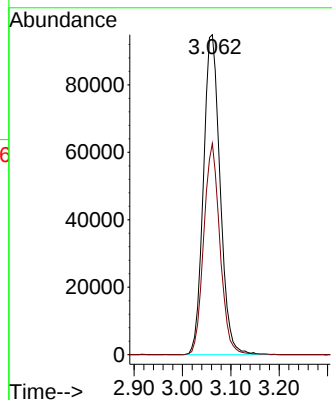
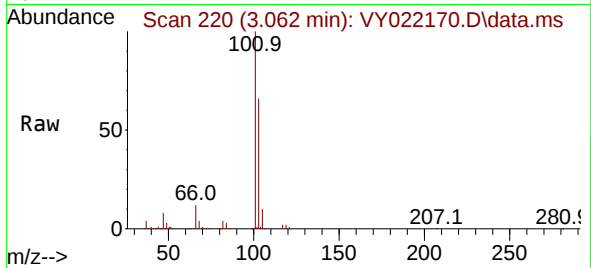




#7
 Trichlorofluoromethane
 Concen: 48.240 ug/l
 RT: 3.062 min Scan# 218
 Delta R.T. 0.012 min
 Lab File: VY022170.D
 Acq: 06 May 2025 09:14

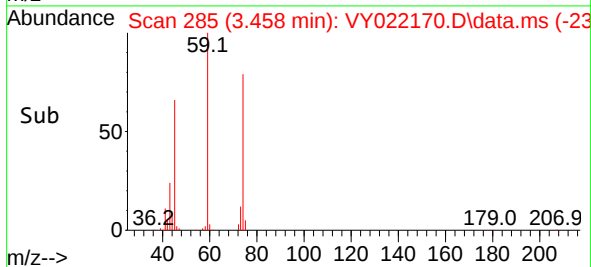
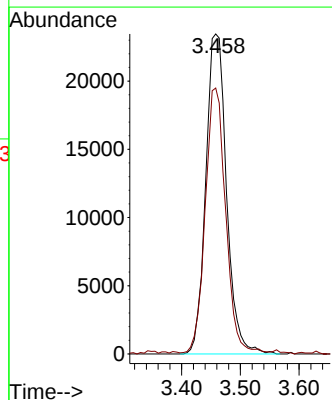
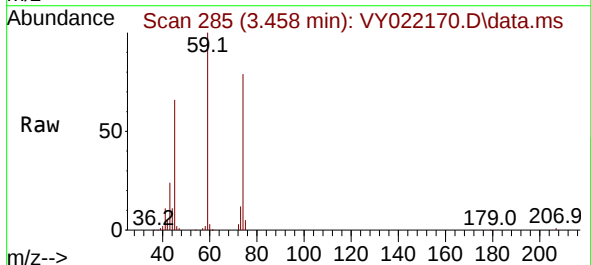
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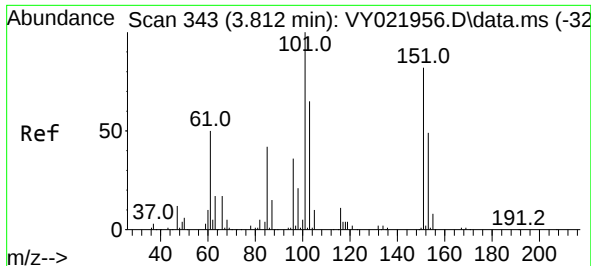
Tgt Ion:101 Resp: 227379
 Ion Ratio Lower Upper
 101 100
 103 66.0 53.6 80.4



#8
 Diethyl Ether
 Concen: 46.976 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY022170.D
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Tgt Ion: 74 Resp: 57631
 Ion Ratio Lower Upper
 74 100
 45 81.2 39.1 117.5

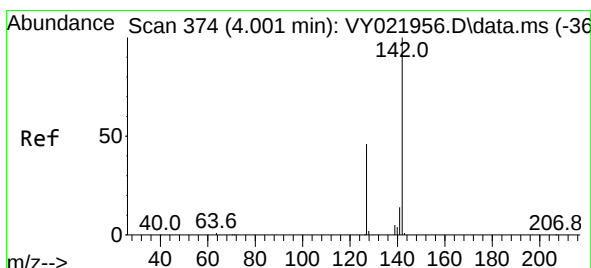
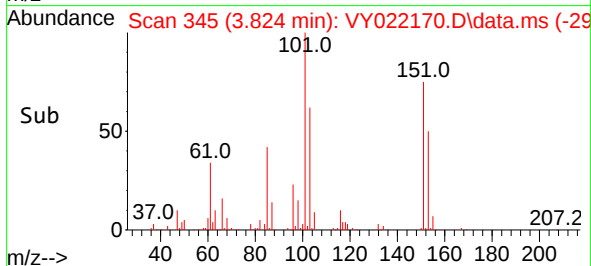
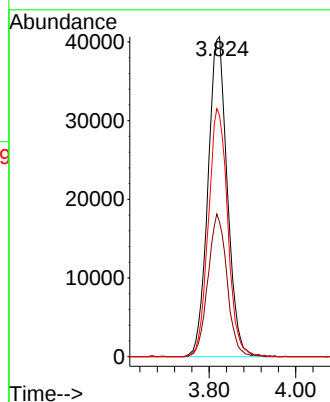
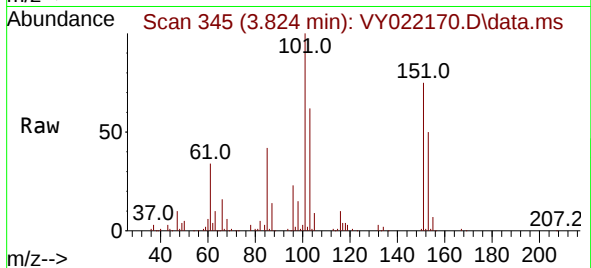




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.329 ug/l
RT: 3.824 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

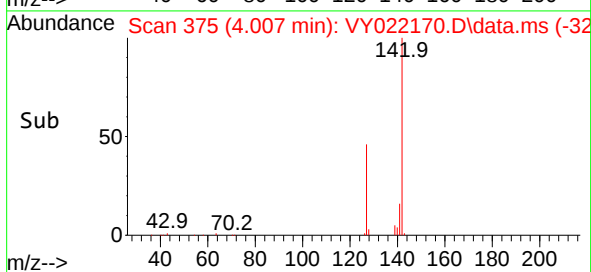
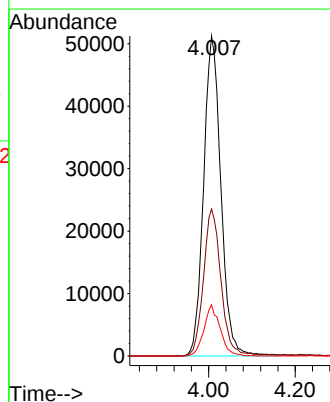
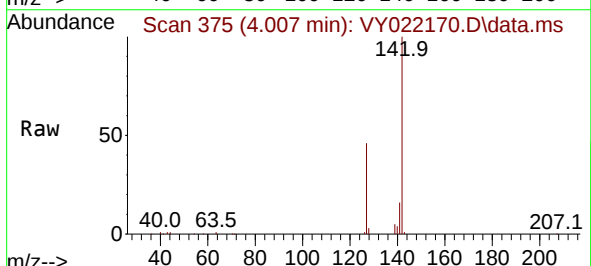
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

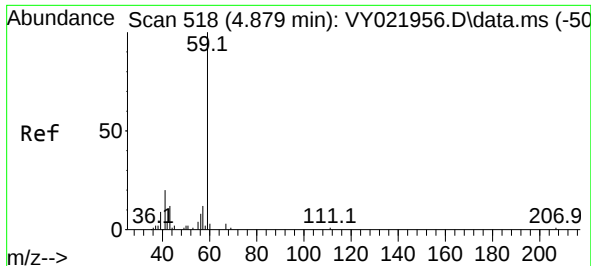
Tgt Ion:101 Resp: 126132
Ion Ratio Lower Upper
101 100
85 44.0 34.6 51.8
151 77.5 63.7 95.5



#10
Methyl Iodide
Concen: 48.044 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:142 Resp: 142230
Ion Ratio Lower Upper
142 100
127 46.4 36.2 54.2
141 15.0 11.7 17.5

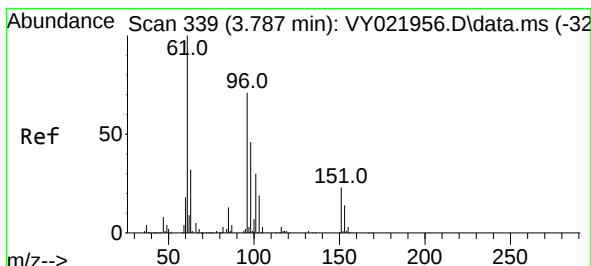
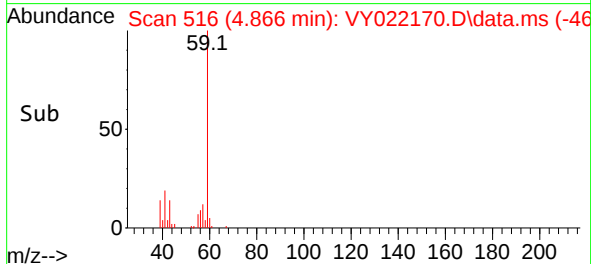
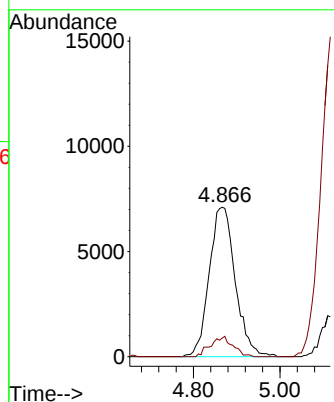
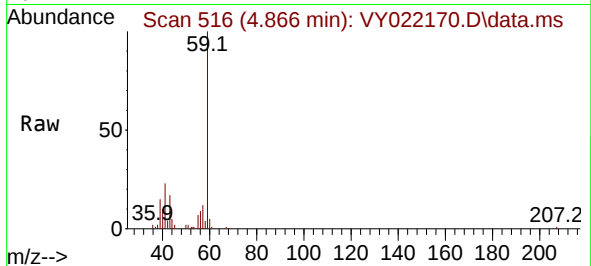




#11
Tert butyl alcohol
Concen: 244.379 ug/l
RT: 4.866 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

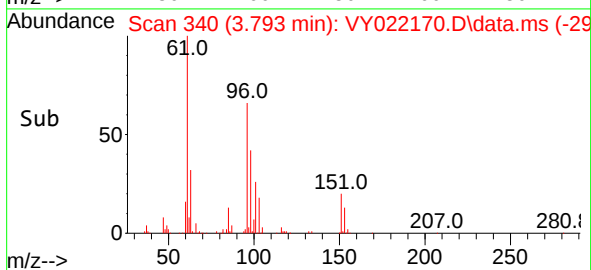
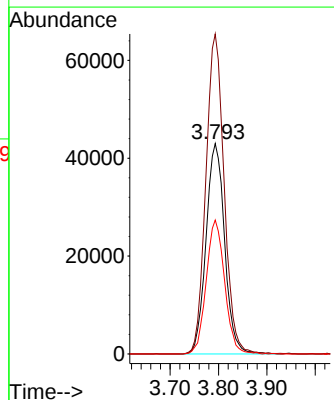
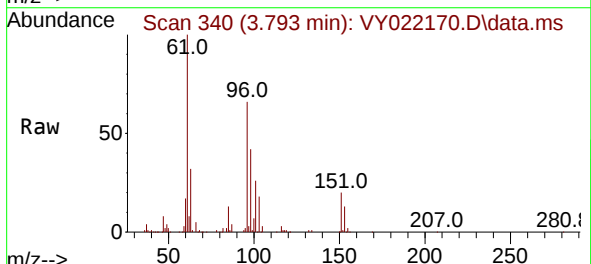
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

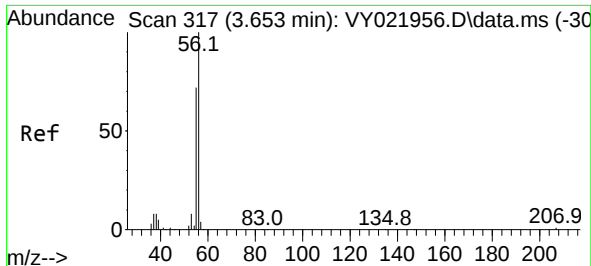
Tgt Ion: 59 Resp: 29710
Ion Ratio Lower Upper
59 100
57 11.7 9.3 13.9



#12
1,1-Dichloroethene
Concen: 48.234 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 96 Resp: 114957
Ion Ratio Lower Upper
96 100
61 152.1 113.0 169.4
98 63.7 51.4 77.2

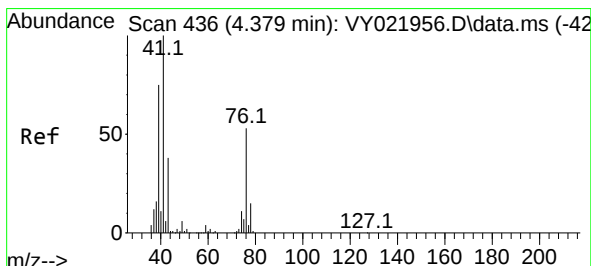
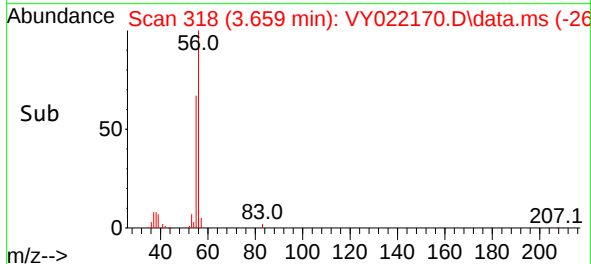
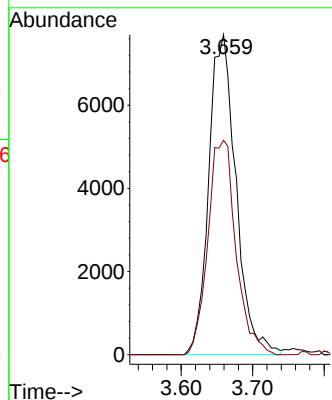
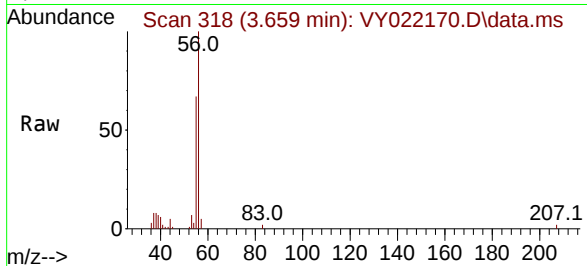




#13
Acrolein
Concen: 93.226 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

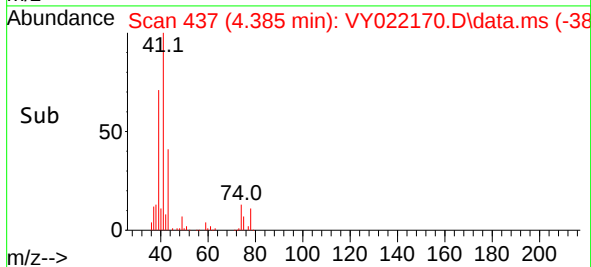
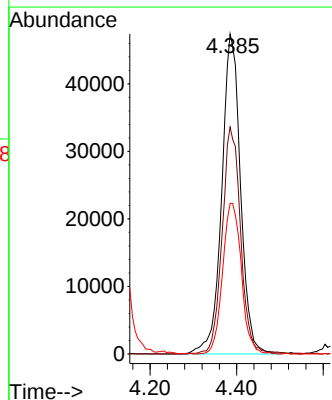
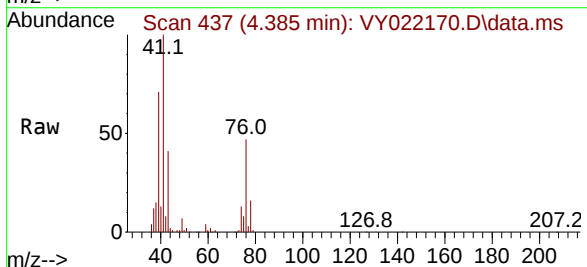
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 20342
Ion Ratio Lower Upper
56 100
55 69.0 57.4 86.0



#14
Allyl chloride
Concen: 51.533 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 41 Resp: 143009
Ion Ratio Lower Upper
41 100
39 69.3 57.2 85.8
76 47.0 39.7 59.5

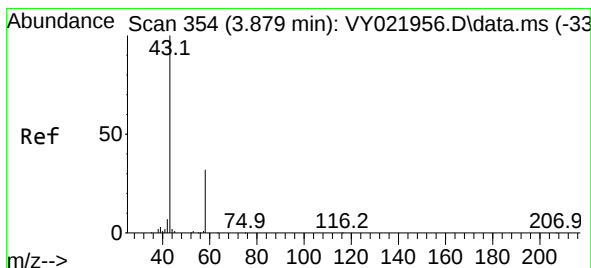
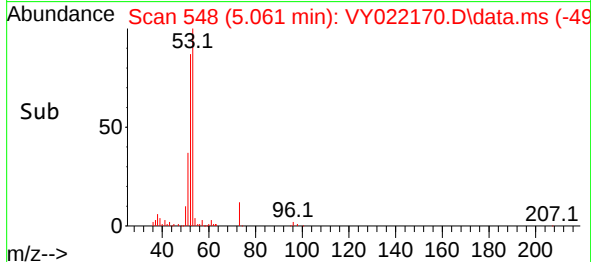
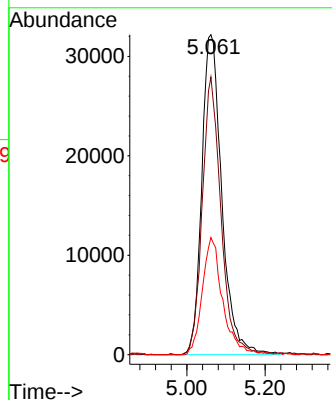
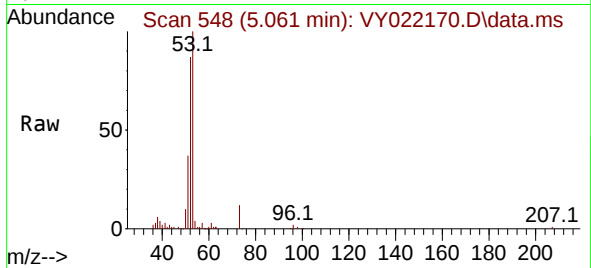




#15
Acrylonitrile
Concen: 254.854 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

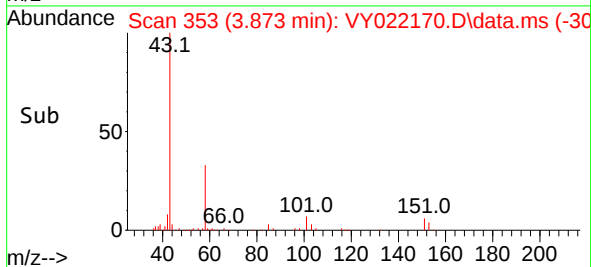
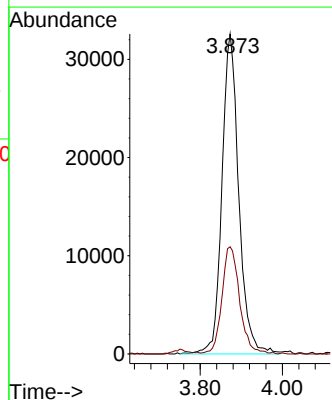
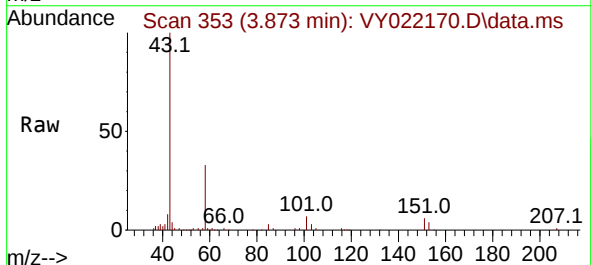
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

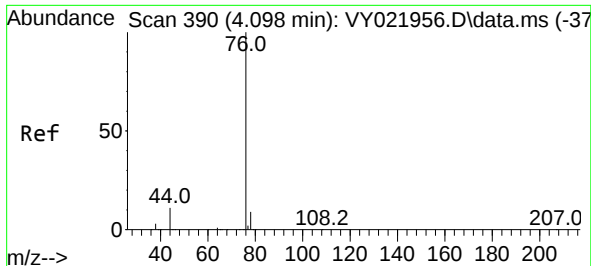
Tgt Ion: 53 Resp: 114463
Ion Ratio Lower Upper
53 100
52 80.5 65.0 97.6
51 36.8 28.9 43.3



#16
Acetone
Concen: 325.552 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 43 Resp: 92493
Ion Ratio Lower Upper
43 100
58 33.3 27.0 40.4

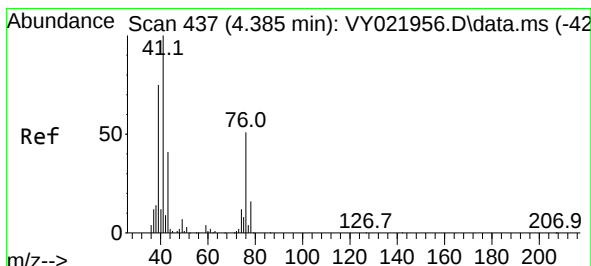
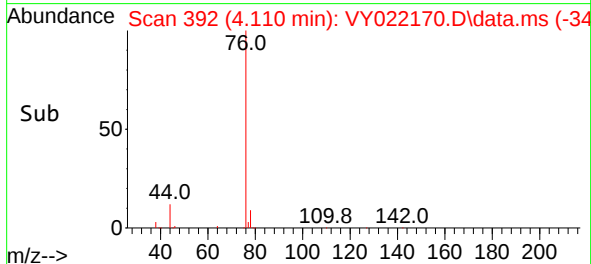
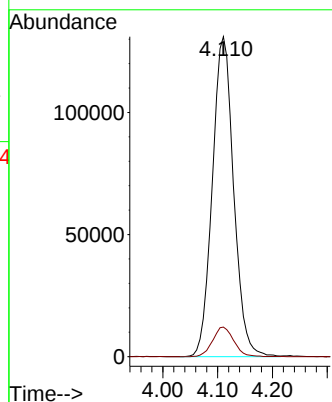
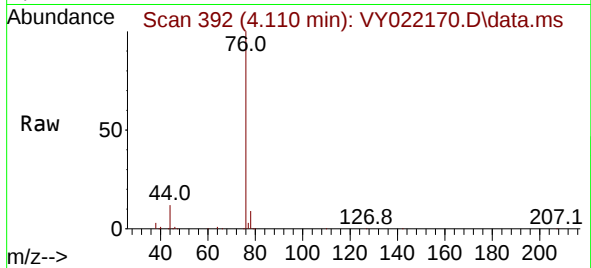




#17
Carbon Disulfide
Concen: 46.612 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

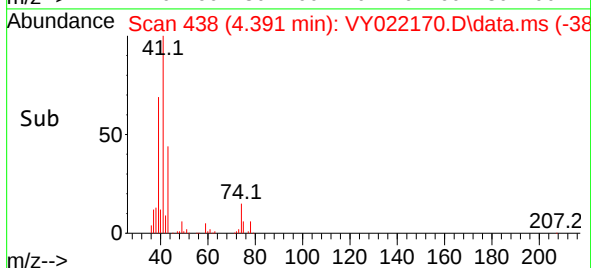
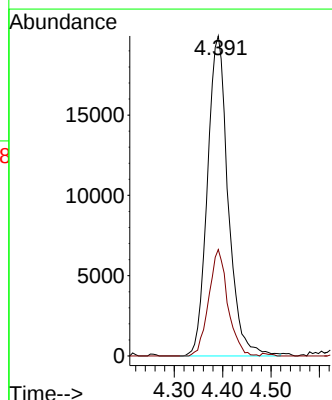
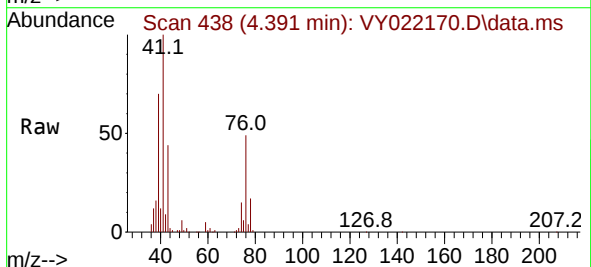
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 354211
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 57.410 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 43 Resp: 59387
Ion Ratio Lower Upper
43 100
74 30.6 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 50.294 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

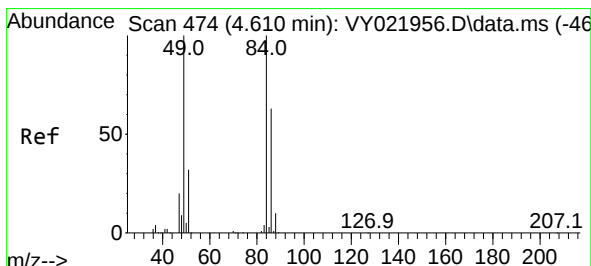
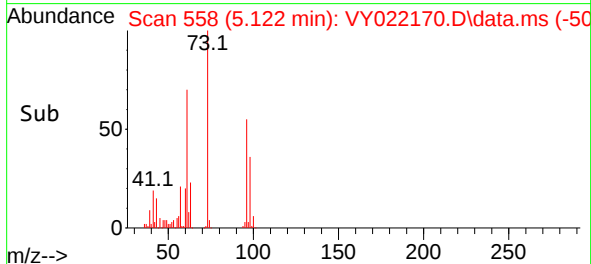
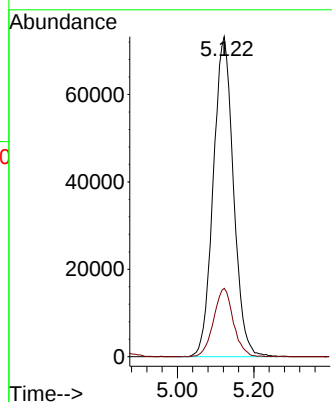
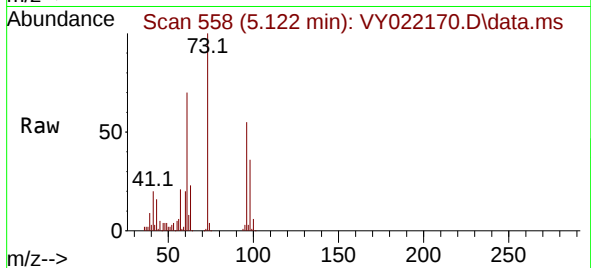
VSTDCCC050

Tgt Ion: 73 Resp: 268286

Ion Ratio Lower Upper

73 100

57 21.4 16.9 25.3



#20

Methylene Chloride

Concen: 45.132 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Tgt Ion: 84 Resp: 126376

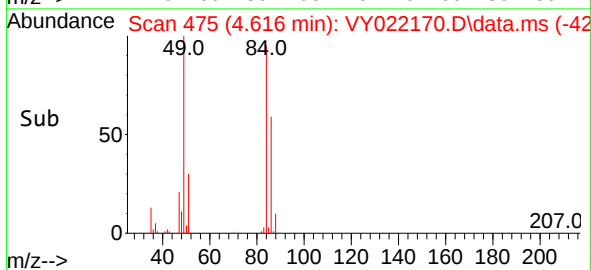
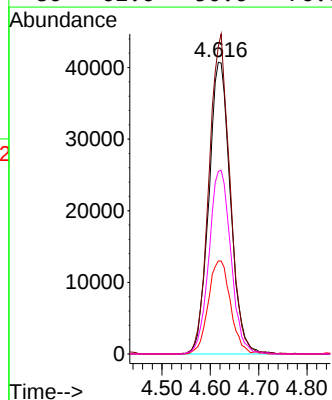
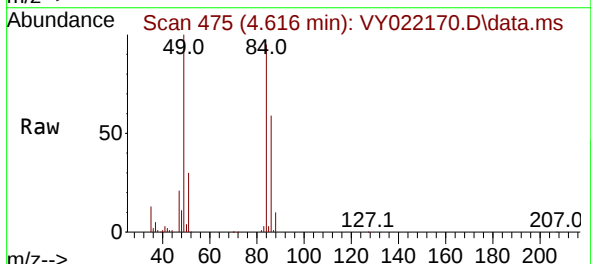
Ion Ratio Lower Upper

84 100

49 105.3 79.9 119.9

51 31.8 25.4 38.0

86 62.6 50.6 76.0

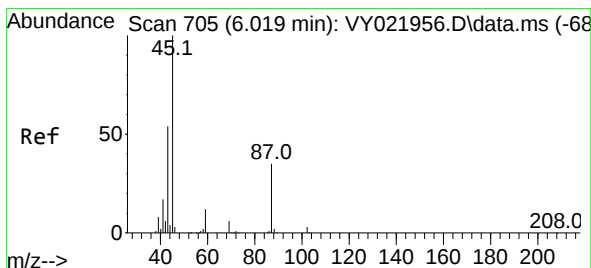
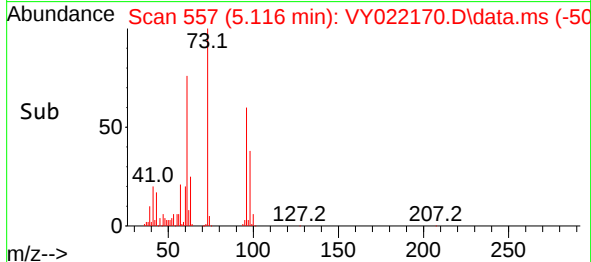
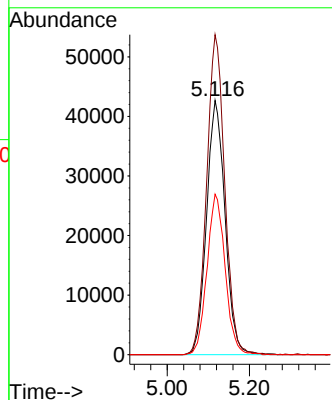
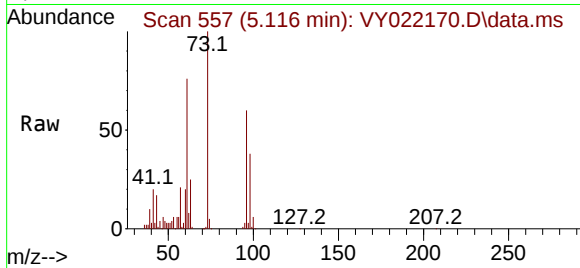




#21
trans-1,2-Dichloroethene
Concen: 49.912 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

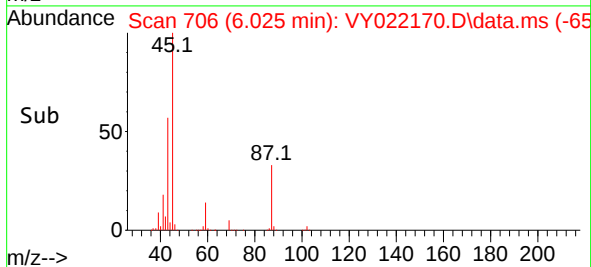
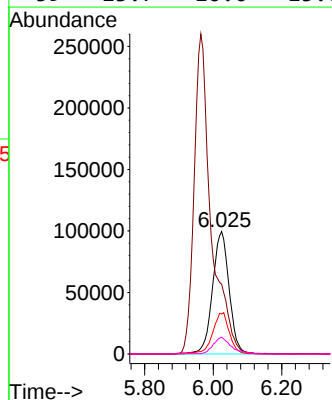
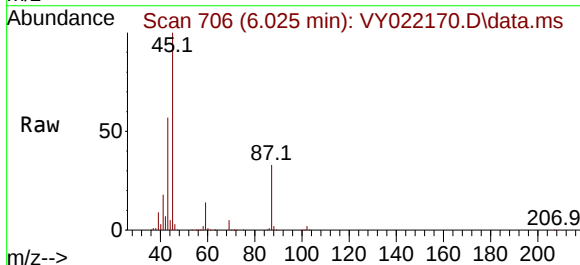
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

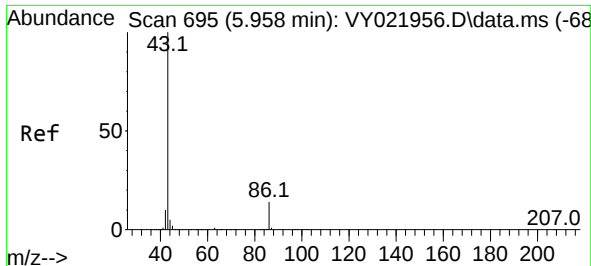
Tgt Ion: 96 Resp: 133224
Ion Ratio Lower Upper
96 100
61 125.9 92.6 138.8
98 63.1 50.2 75.4



#22
Diisopropyl ether
Concen: 54.103 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 45 Resp: 334127
Ion Ratio Lower Upper
45 100
43 56.9 43.6 65.4
87 32.8 28.2 42.4
59 13.7 10.0 15.0

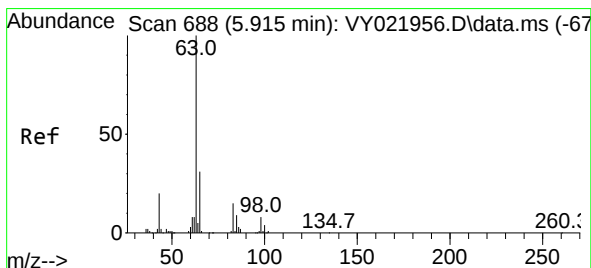
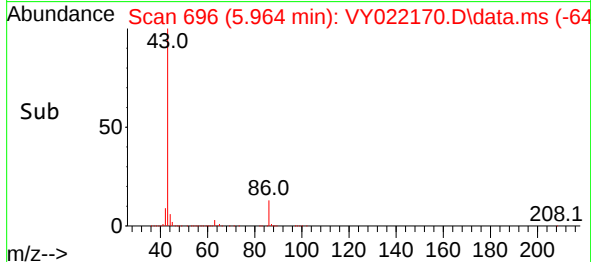
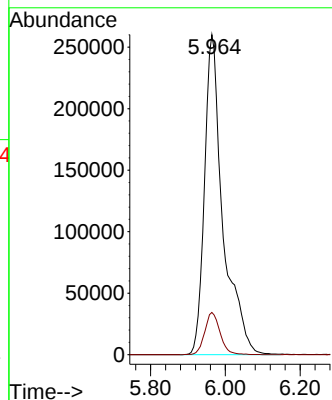
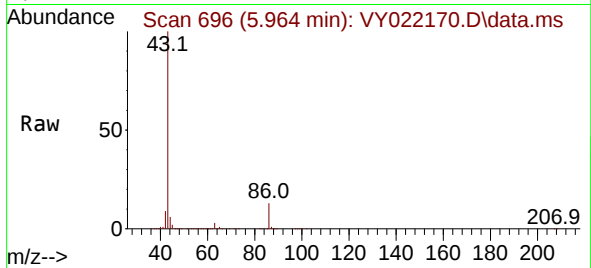




#23
 Vinyl Acetate
 Concen: 268.116 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022170.D
 Acq: 06 May 2025 09:14

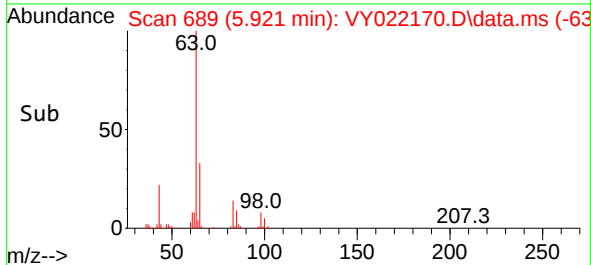
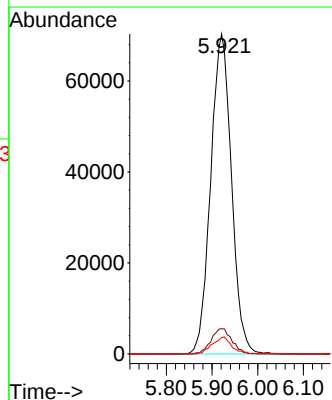
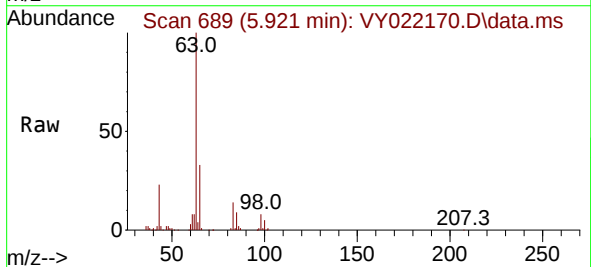
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

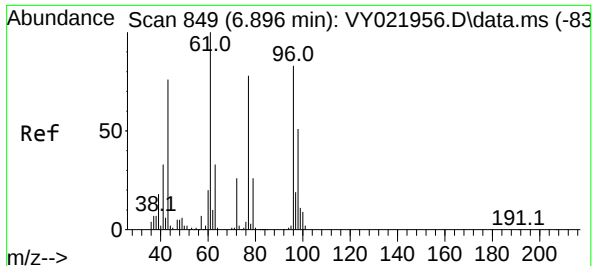
Tgt Ion: 43 Resp: 892371
 Ion Ratio Lower Upper
 43 100
 86 13.2 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 51.769 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY022170.D
 Acq: 06 May 2025 09:14

Tgt Ion: 63 Resp: 221609
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 11.9
 100 5.1 2.0 6.0





#25

2-Butanone

Concen: 268.255 ug/l

RT: 6.903 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

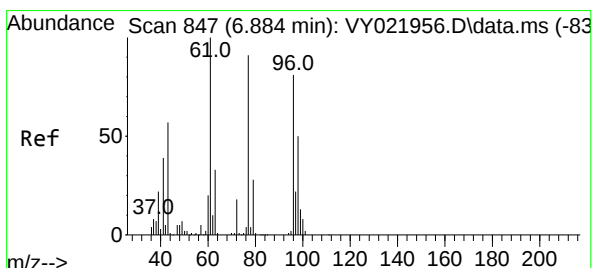
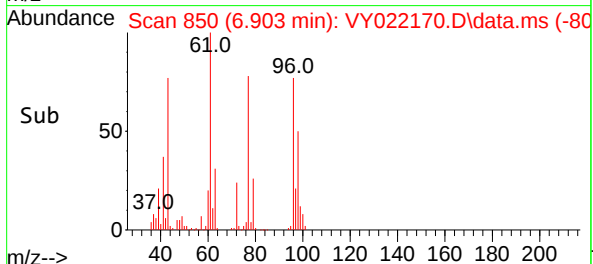
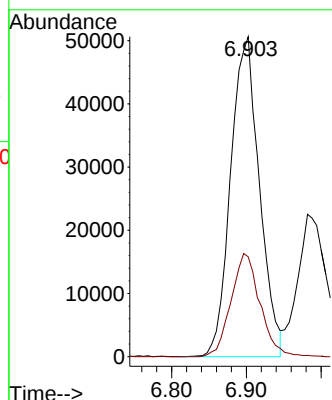
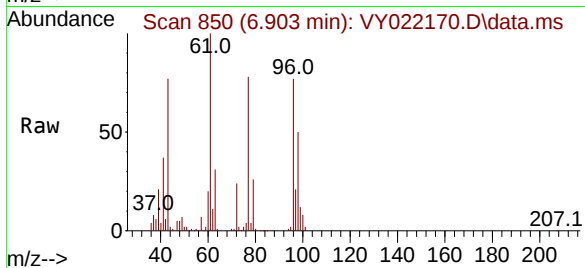
VSTDCCC050

Tgt Ion: 43 Resp: 135410

Ion Ratio Lower Upper

43 100

72 31.2 27.0 40.4



#26

2,2-Dichloropropane

Concen: 53.023 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022170.D

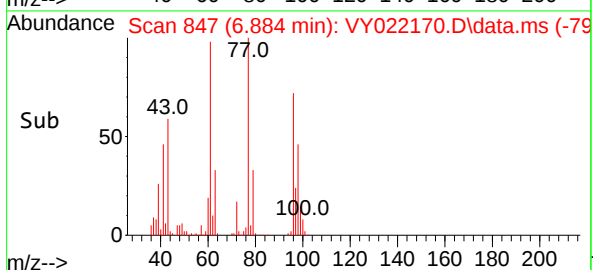
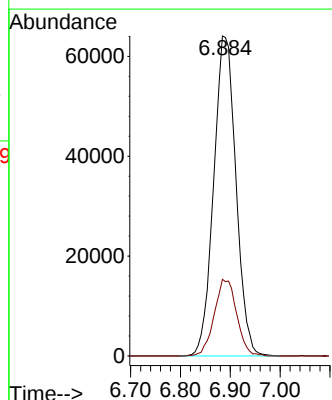
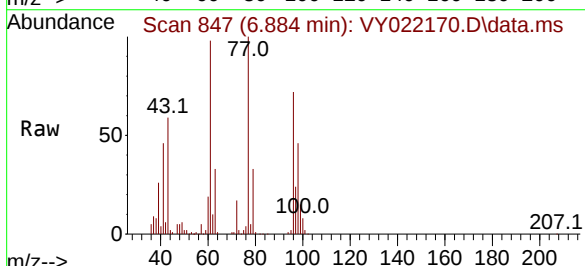
Acq: 06 May 2025 09:14

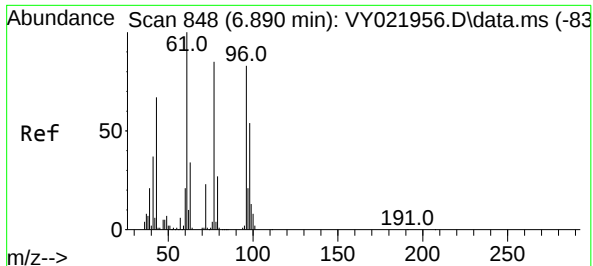
Tgt Ion: 77 Resp: 198938

Ion Ratio Lower Upper

77 100

97 24.1 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 50.577 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

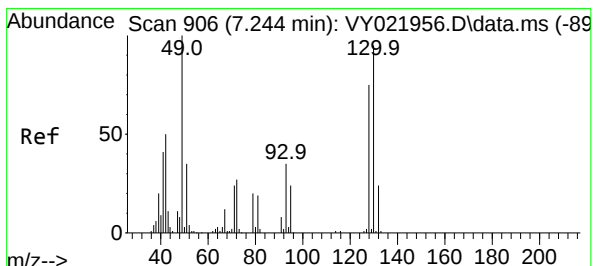
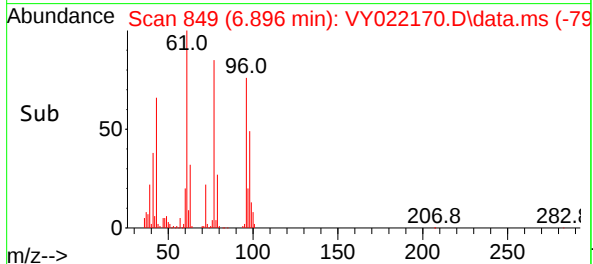
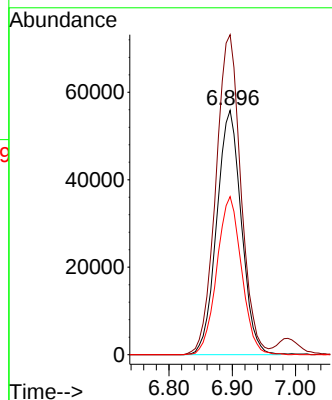
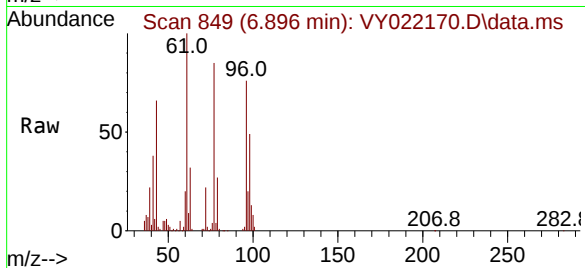
Tgt Ion: 96 Resp: 150949

Ion Ratio Lower Upper

96 100

61 133.1 0.0 251.4

98 64.8 0.0 128.4



#28

Bromochloromethane

Concen: 50.463 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

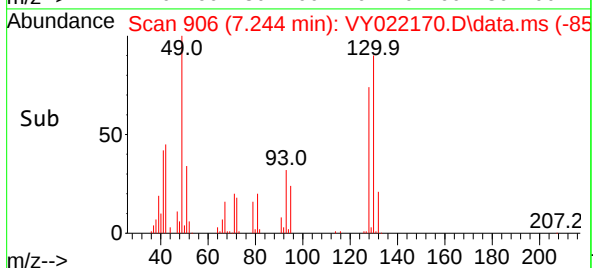
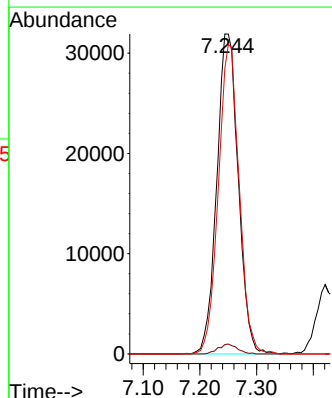
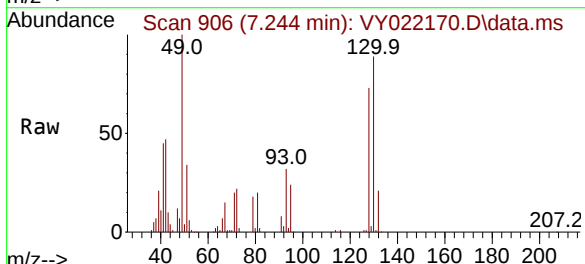
Tgt Ion: 49 Resp: 83906

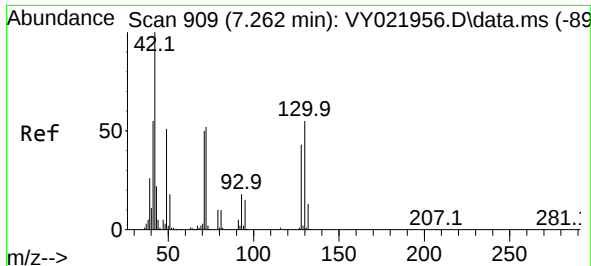
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.0

130 93.7 78.2 117.4

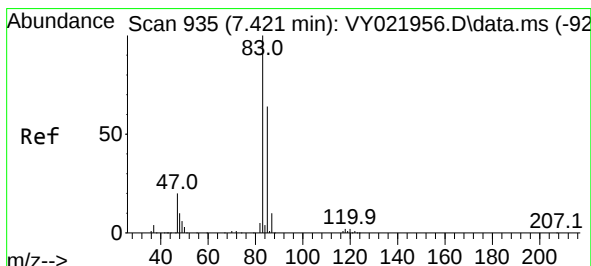
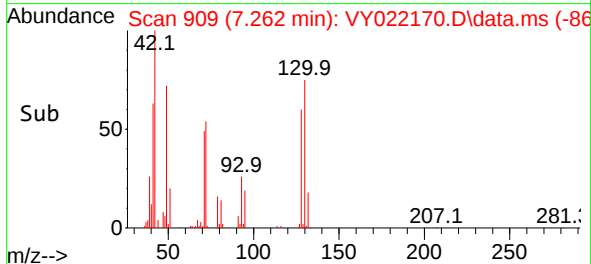
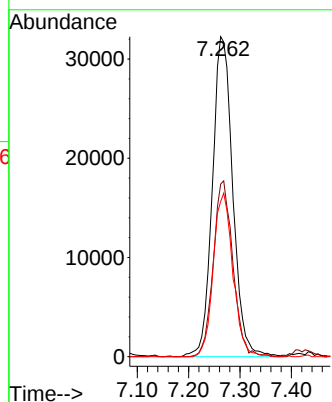
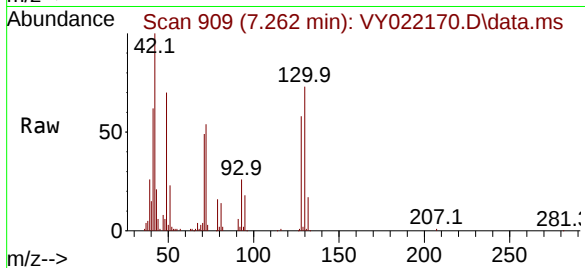




#29
Tetrahydrofuran
Concen: 271.597 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

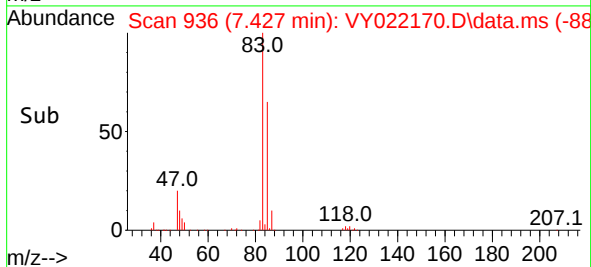
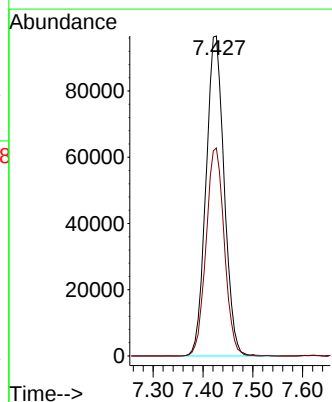
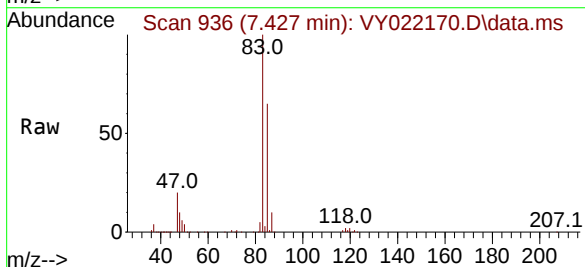
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

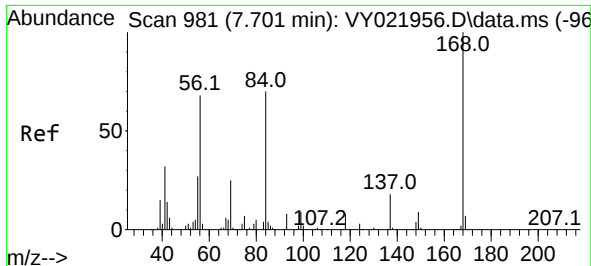
Tgt Ion: 42 Resp: 89042
Ion Ratio Lower Upper
42 100
72 52.9 42.6 63.8
71 49.2 40.6 61.0



#30
Chloroform
Concen: 51.434 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 83 Resp: 244222
Ion Ratio Lower Upper
83 100
85 65.0 51.3 76.9

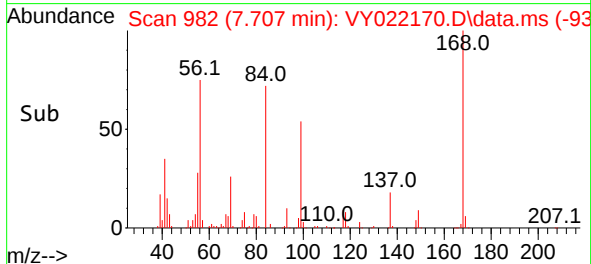
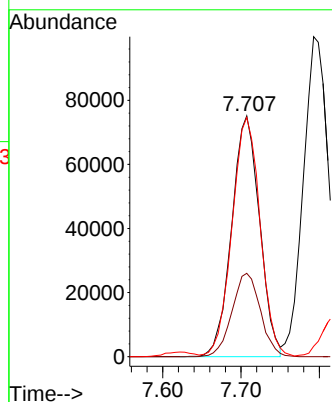
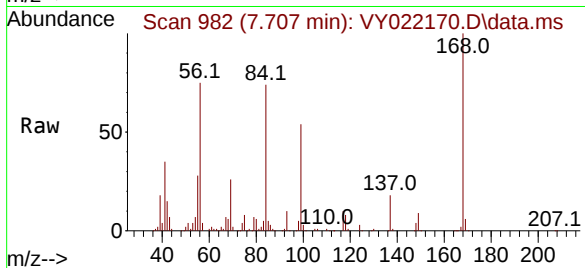




#31
Cyclohexane
Concen: 50.801 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

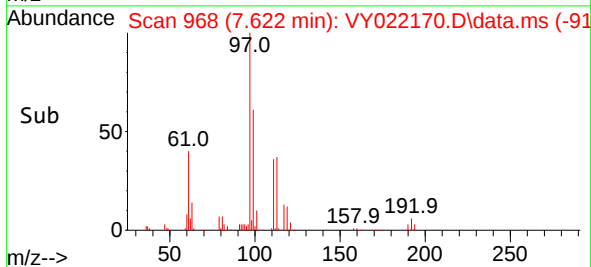
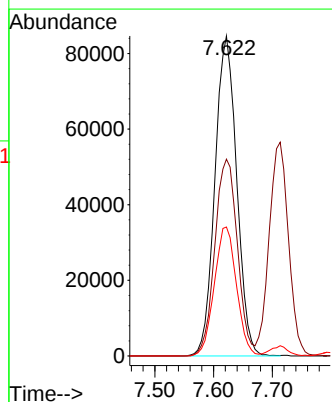
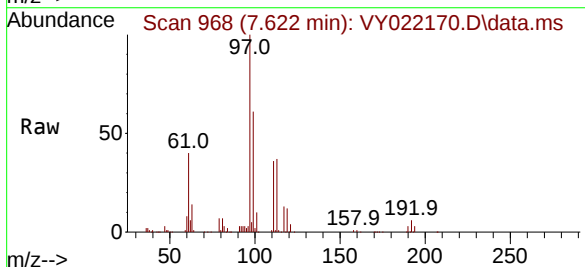
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

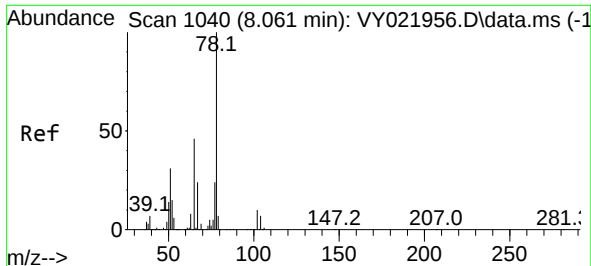
Tgt Ion: 56 Resp: 185967
Ion Ratio Lower Upper
56 100
69 34.6 29.4 44.2
84 97.4 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 50.699 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 97 Resp: 217798
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.2
61 41.1 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 50.010 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

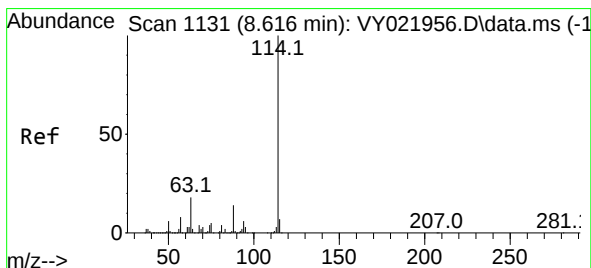
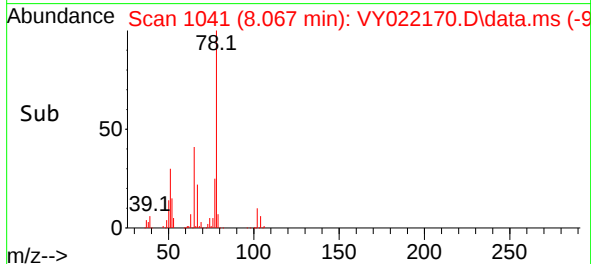
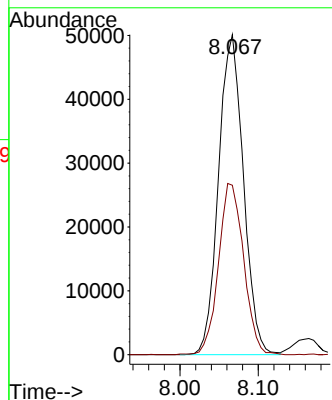
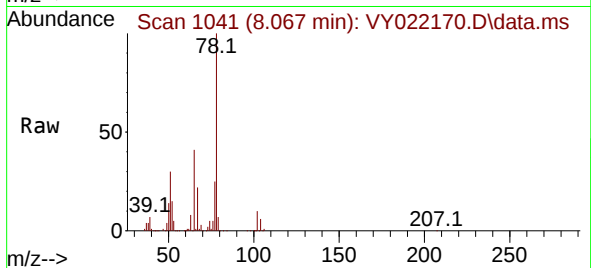
VSTDCCC050

Tgt Ion: 65 Resp: 110746

Ion Ratio Lower Upper

65 100

67 54.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

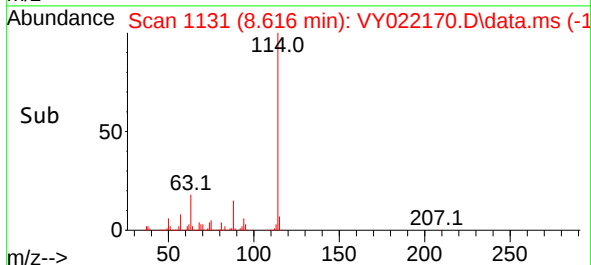
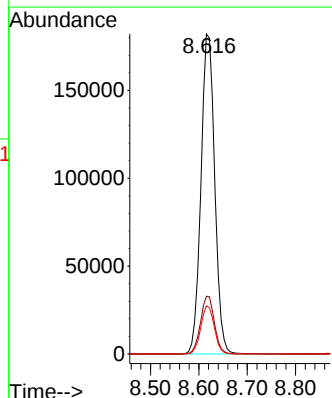
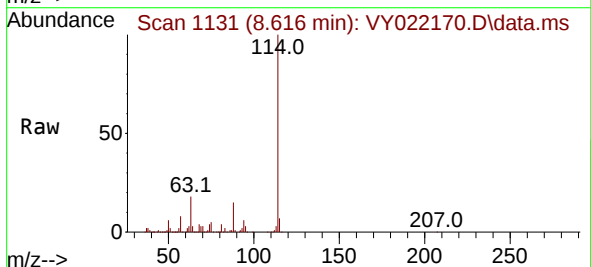
Tgt Ion:114 Resp: 360580

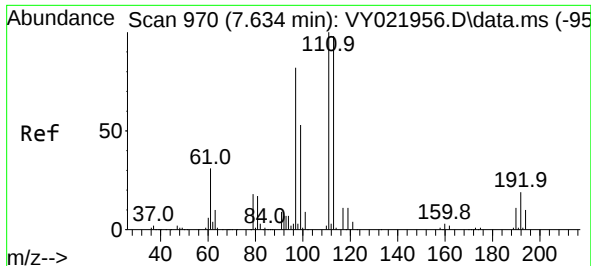
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.4

88 15.1 0.0 28.2

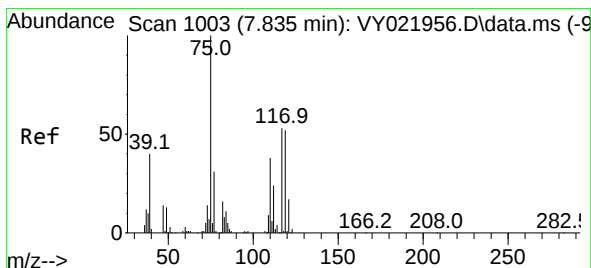
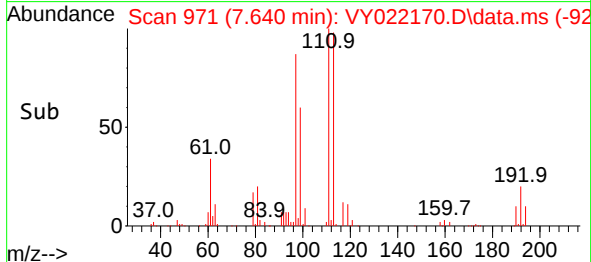
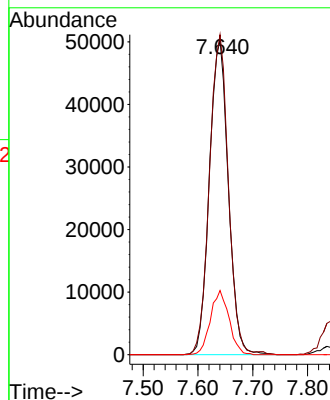
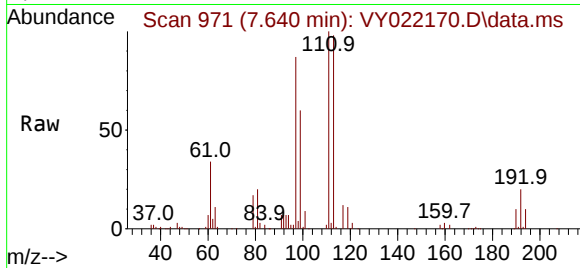




#35
Dibromofluoromethane
Concen: 50.504 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

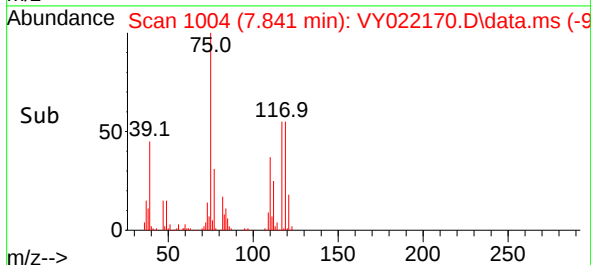
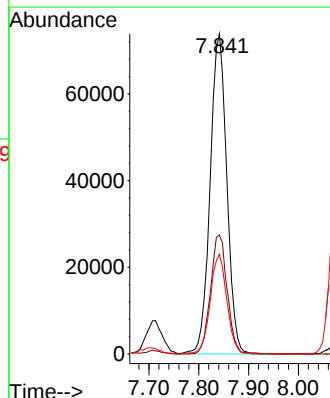
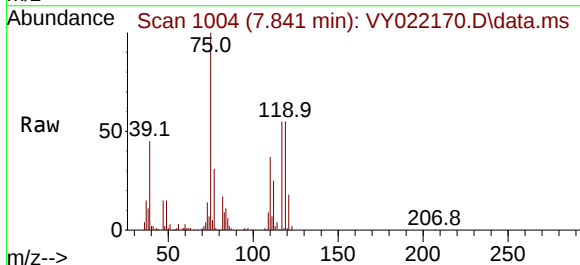
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

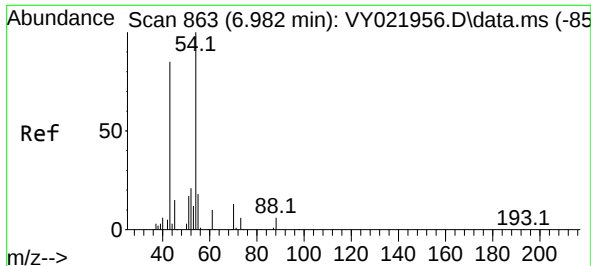
Tgt Ion:113 Resp: 120311
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 20.1 15.6 23.4



#36
1,1-Dichloropropene
Concen: 53.592 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 75 Resp: 171489
Ion Ratio Lower Upper
75 100
110 37.0 19.1 57.3
77 31.1 25.5 38.3





#37

Ethyl Acetate

Concen: 54.533 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

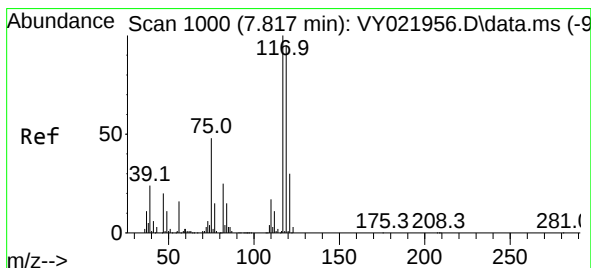
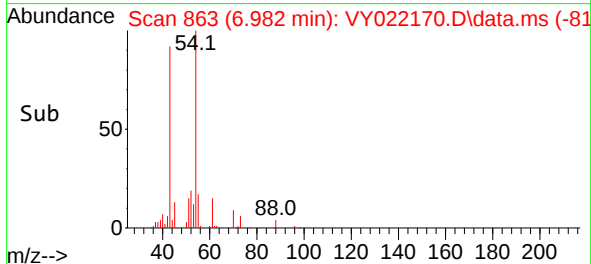
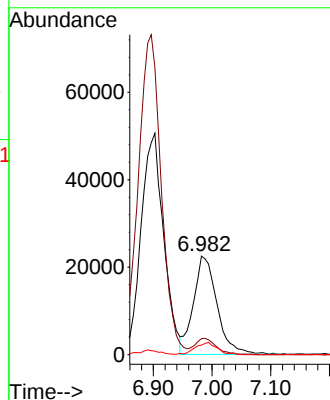
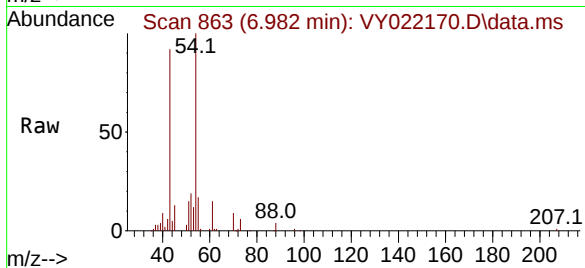
Tgt Ion: 43 Resp: 62672

Ion Ratio Lower Upper

43 100

61 15.4 13.8 20.6

70 11.5 9.2 13.8



#38

Carbon Tetrachloride

Concen: 53.235 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

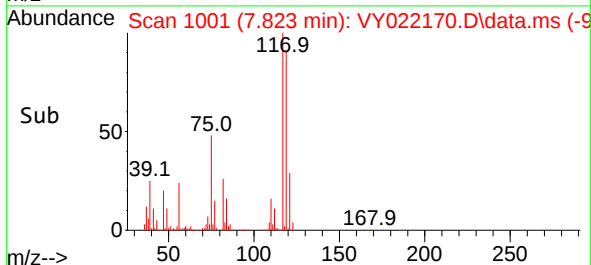
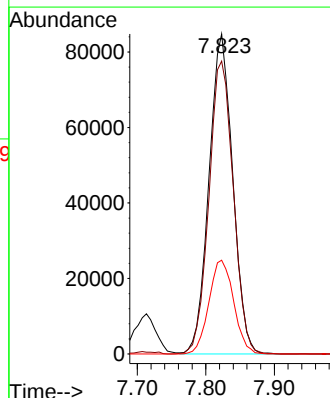
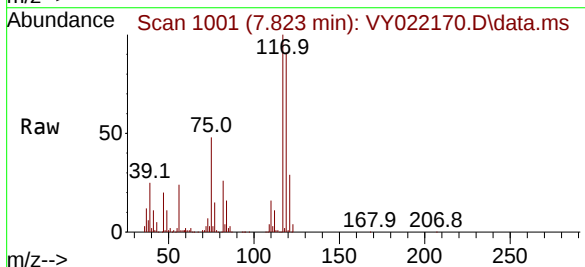
Tgt Ion: 117 Resp: 203555

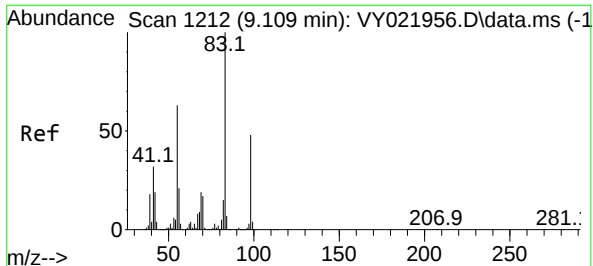
Ion Ratio Lower Upper

117 100

119 91.5 76.2 114.4

121 29.3 24.0 36.0





#39

Methylcyclohexane

Concen: 53.975 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

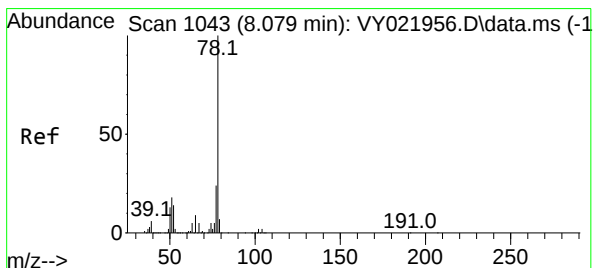
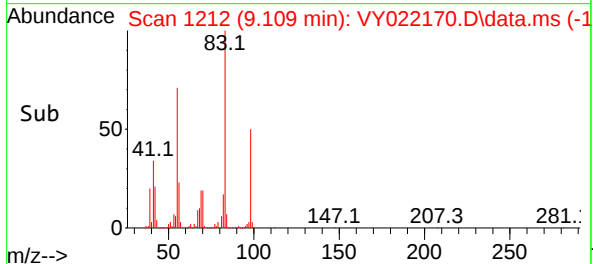
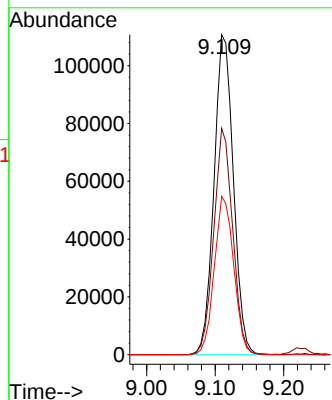
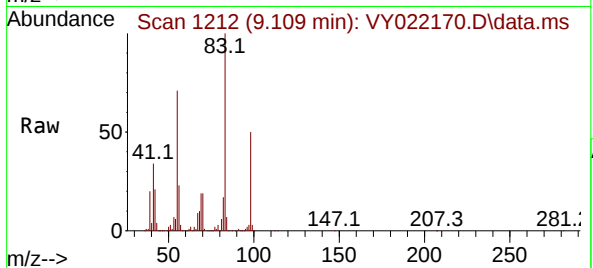
Tgt Ion: 83 Resp: 217351

Ion Ratio Lower Upper

83 100

55 70.7 50.6 75.8

98 49.5 38.6 58.0



#40

Benzene

Concen: 52.935 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY022170.D

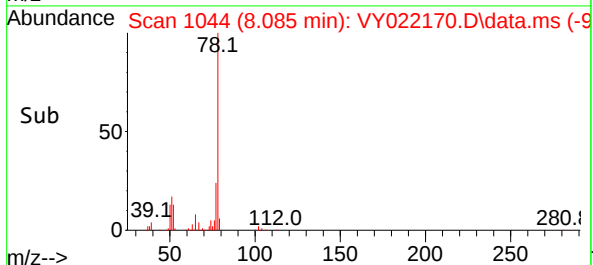
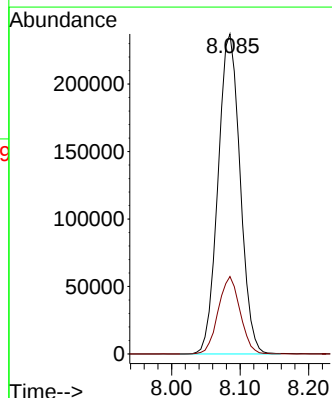
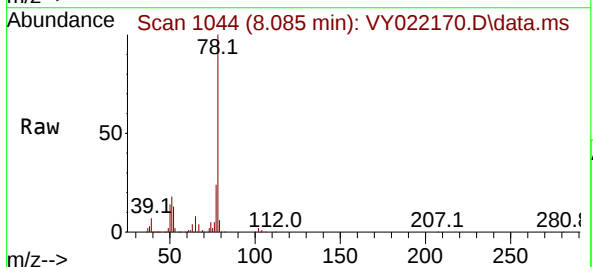
Acq: 06 May 2025 09:14

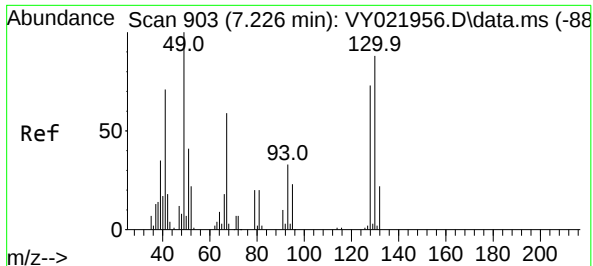
Tgt Ion: 78 Resp: 529500

Ion Ratio Lower Upper

78 100

77 24.2 19.3 28.9

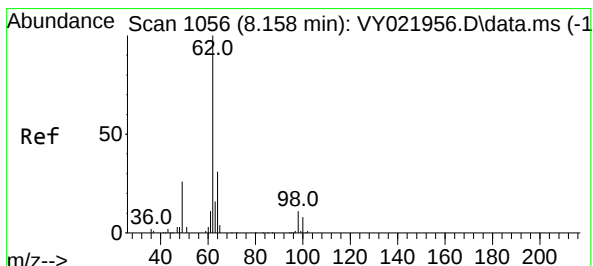
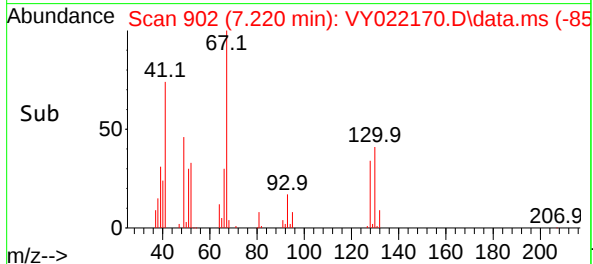
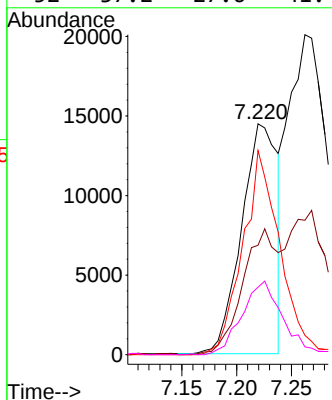
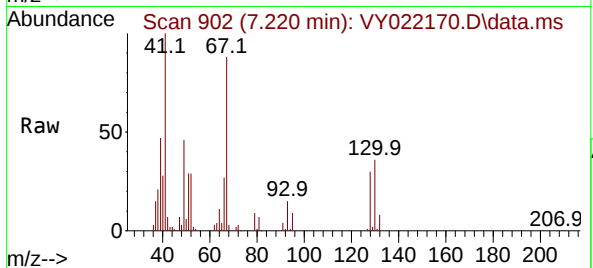




#41
Methacrylonitrile
Concen: 52.375 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

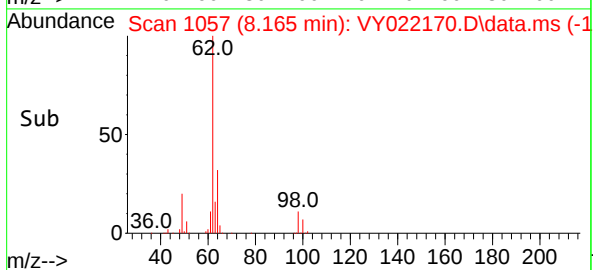
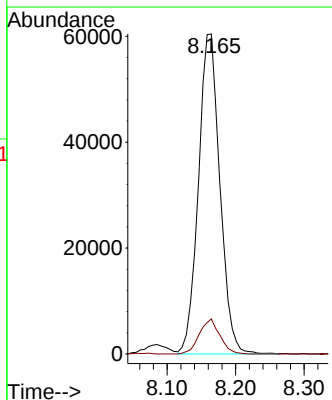
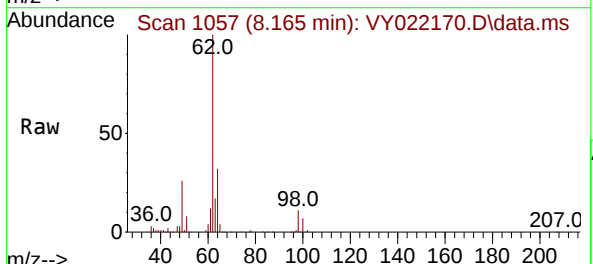
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

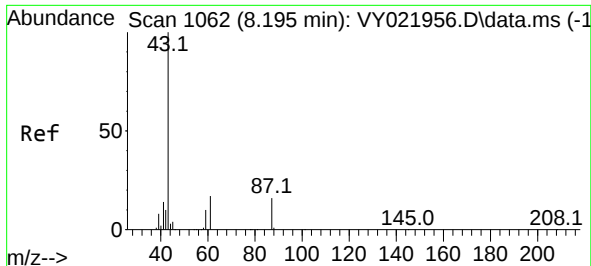
Tgt Ion:	41	Resp:	32904
Ion	Ratio	Lower	Upper
41	100		
39	52.5	36.6	55.0
67	92.1	72.2	108.4
52	37.2	27.6	41.4



#42
1,2-Dichloroethane
Concen: 53.280 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:	62	Resp:	131950
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	22.0





#43

Isopropyl Acetate

Concen: 53.552 ug/l

RT: 8.201 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

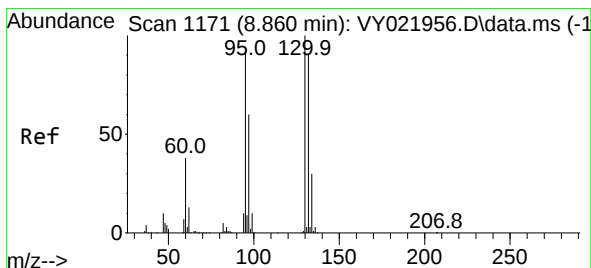
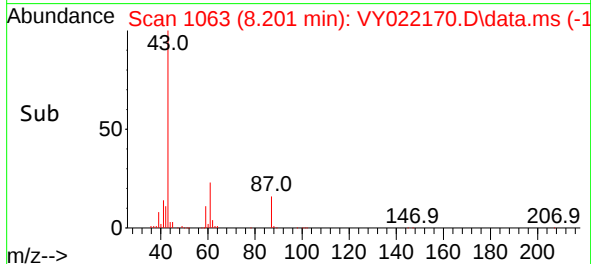
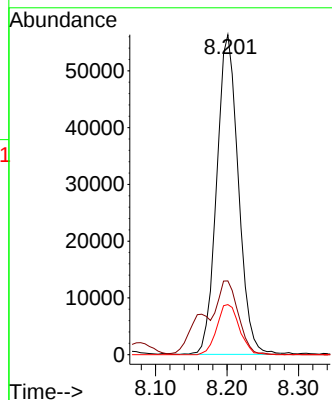
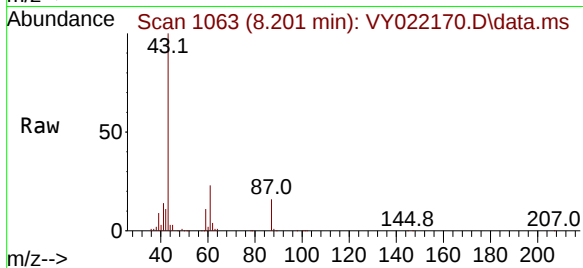
Tgt Ion: 43 Resp: 118191

Ion Ratio Lower Upper

43 100

61 23.1 18.9 28.3

87 16.3 13.7 20.5



#44

Trichloroethene

Concen: 52.045 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VY022170.D

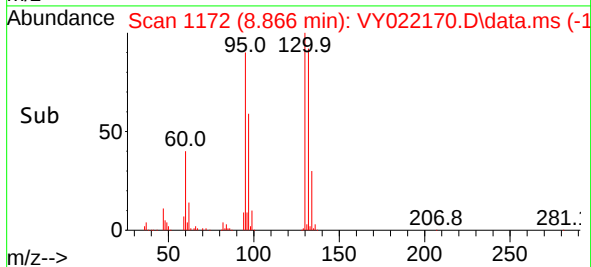
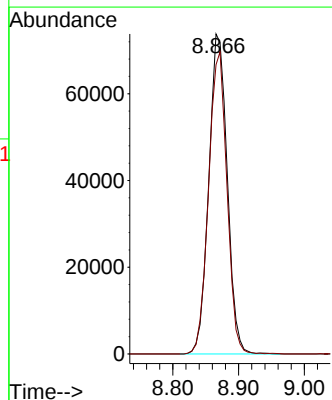
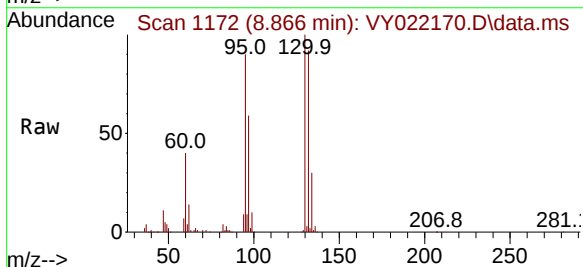
Acq: 06 May 2025 09:14

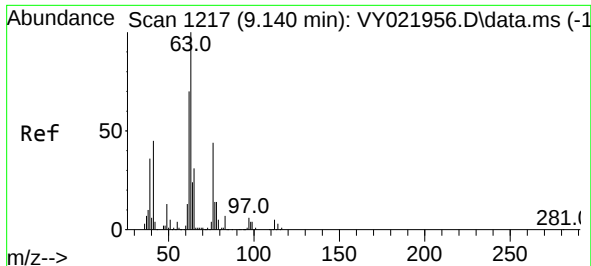
Tgt Ion:130 Resp: 144198

Ion Ratio Lower Upper

130 100

95 90.4 0.0 183.2





#45

1,2-Dichloropropane

Concen: 54.827 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

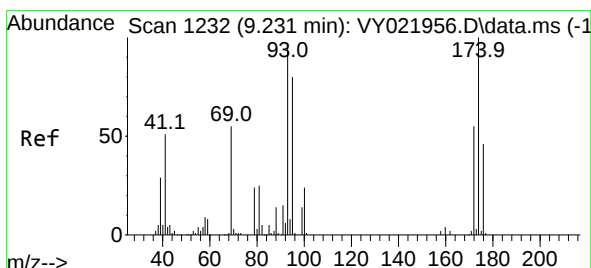
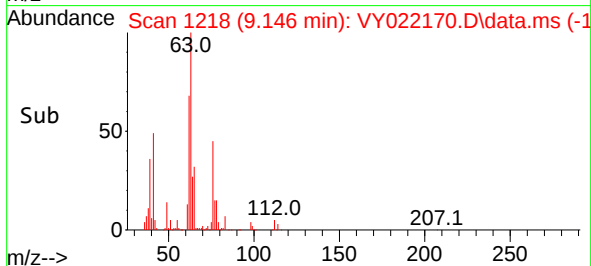
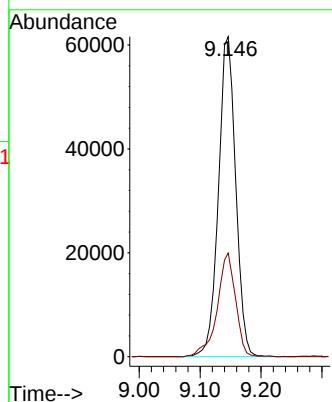
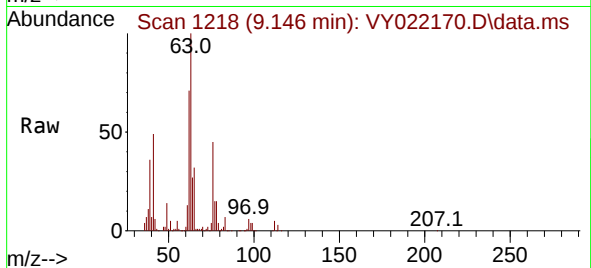
VSTDCCC050

Tgt Ion: 63 Resp: 121282

Ion Ratio Lower Upper

63 100

65 32.4 25.2 37.8



#46

Dibromomethane

Concen: 52.804 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

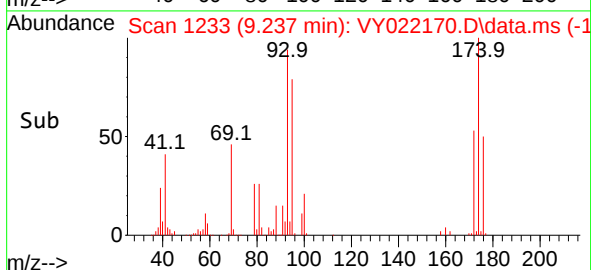
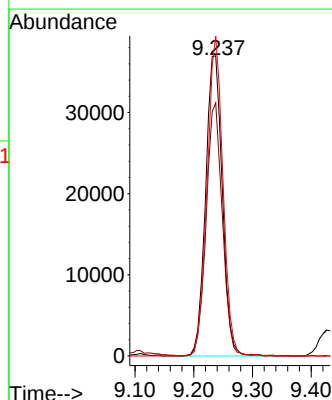
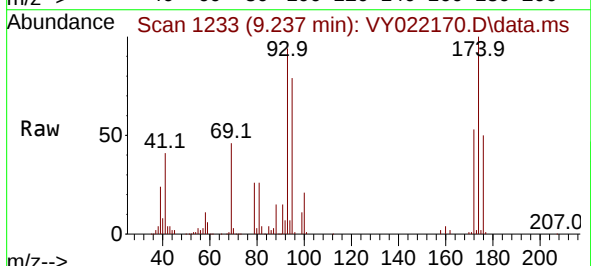
Tgt Ion: 93 Resp: 73119

Ion Ratio Lower Upper

93 100

95 81.7 66.7 100.1

174 100.9 84.6 127.0

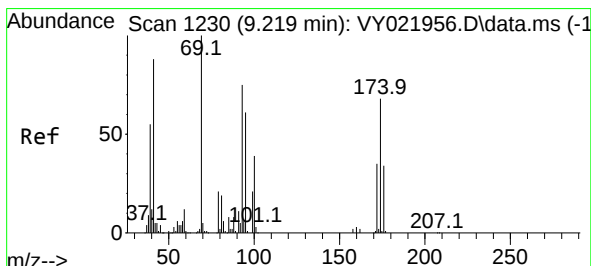
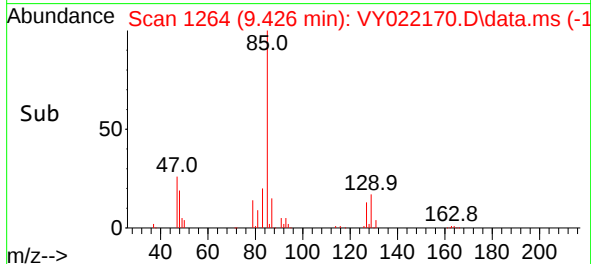
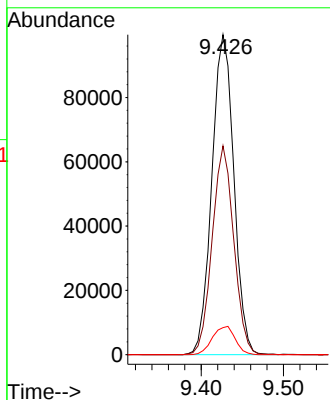
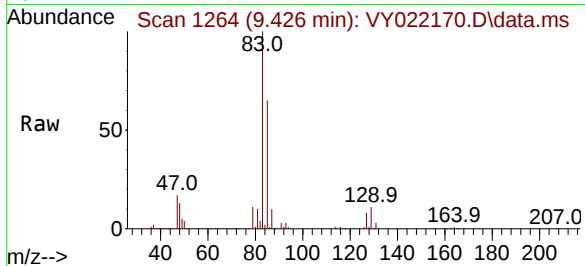




#47
Bromodichloromethane
Concen: 53.477 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

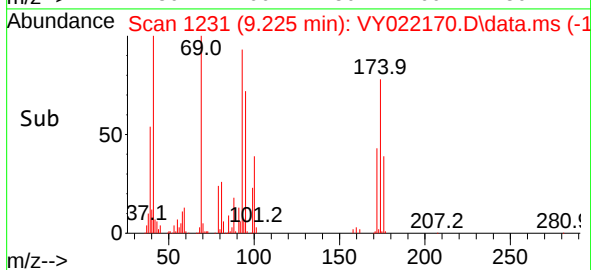
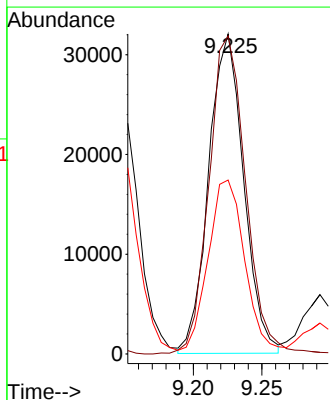
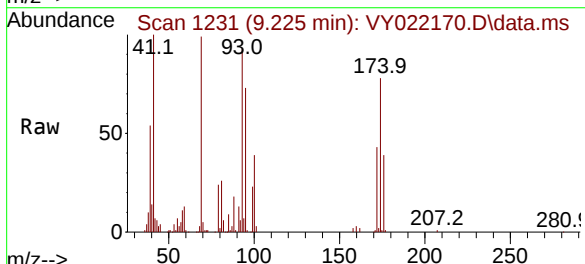
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

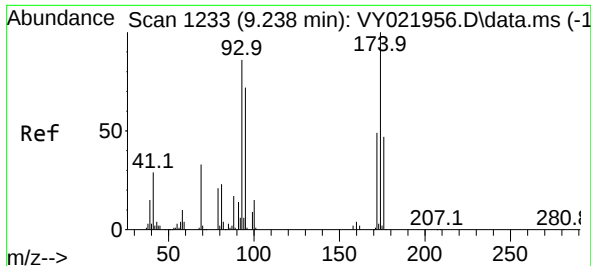
Tgt Ion: 83 Resp: 184993
Ion Ratio Lower Upper
83 100
85 65.2 51.8 77.8
127 8.4 7.0 10.6



#48
Methyl methacrylate
Concen: 55.686 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 41 Resp: 56815
Ion Ratio Lower Upper
41 100
69 104.8 85.5 128.3
39 55.0 46.2 69.4





#49

1,4-Dioxane

Concen: 1044.921 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

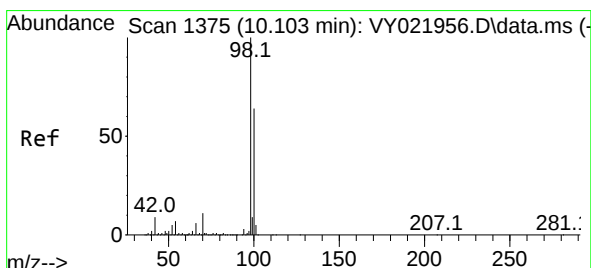
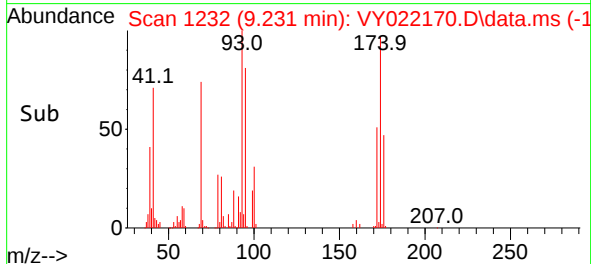
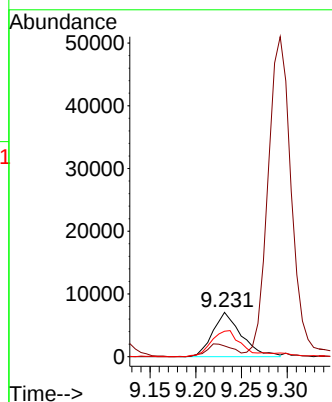
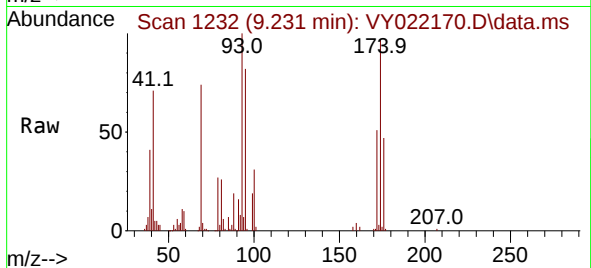
Tgt Ion: 88 Resp: 15422

Ion Ratio Lower Upper

88 100

43 26.1 21.3 31.9

58 69.3 50.5 75.7



#50

Toluene-d8

Concen: 51.530 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022170.D

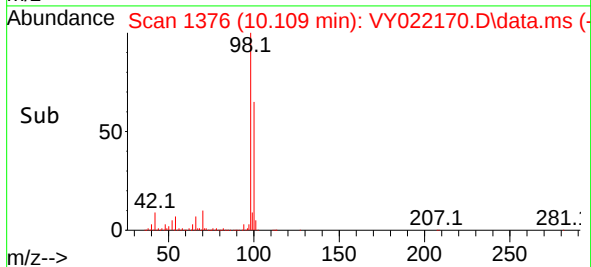
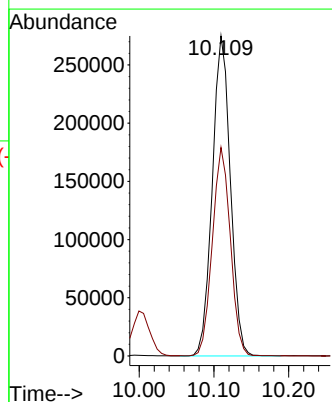
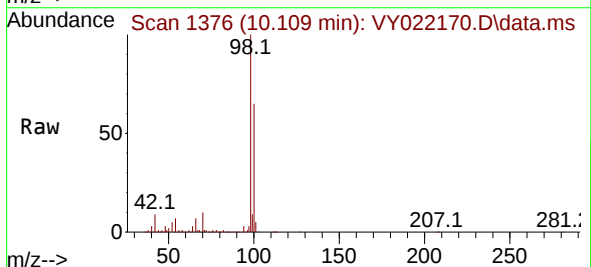
Acq: 06 May 2025 09:14

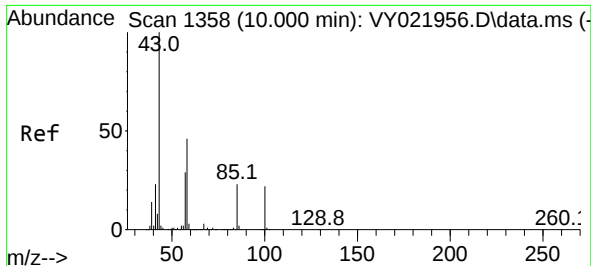
Tgt Ion: 98 Resp: 462783

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4

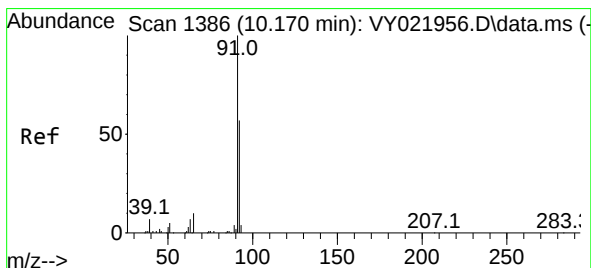
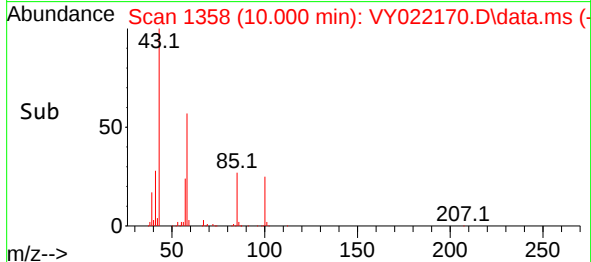
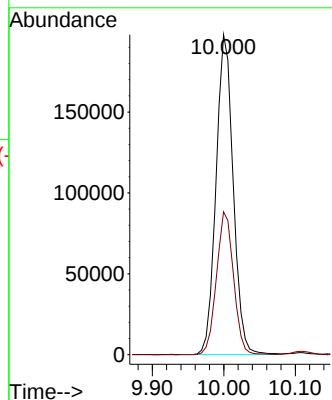
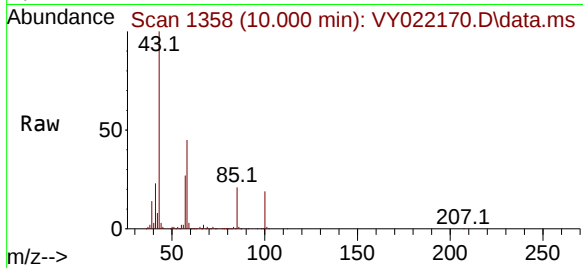




#51
4-Methyl-2-Pentanone
Concen: 284.953 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

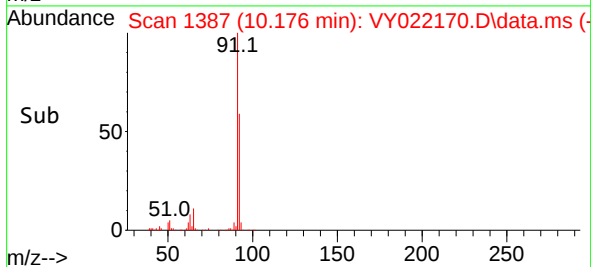
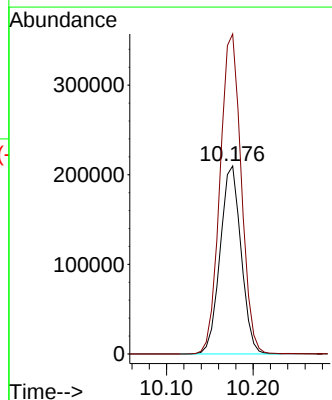
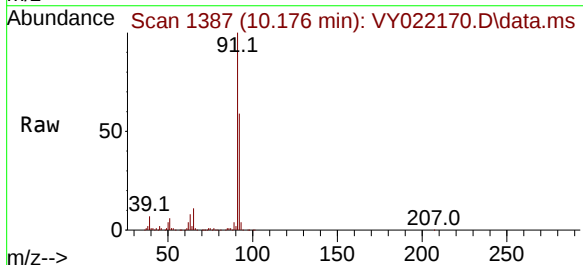
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

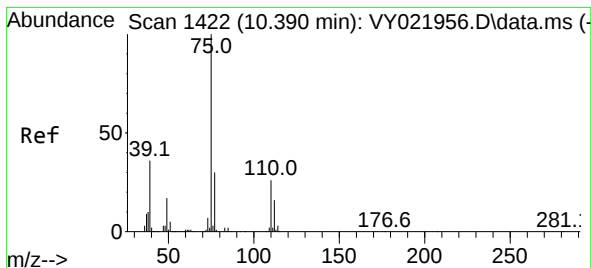
Tgt Ion: 43 Resp: 329679
Ion Ratio Lower Upper
43 100
58 44.5 36.6 55.0



#52
Toluene
Concen: 54.344 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 92 Resp: 351869
Ion Ratio Lower Upper
92 100
91 173.0 138.6 207.8

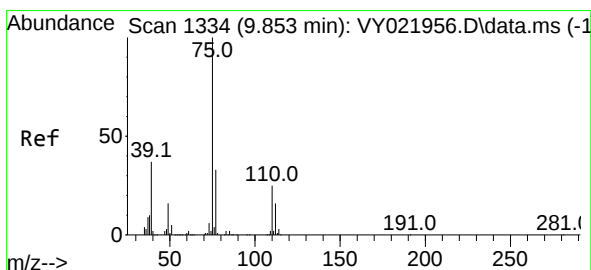
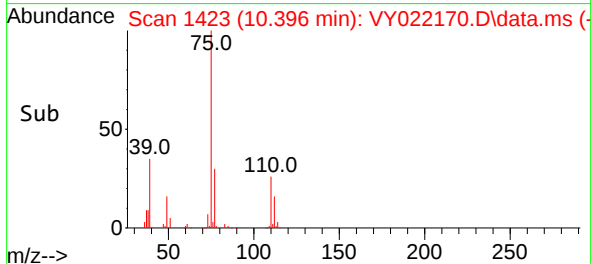
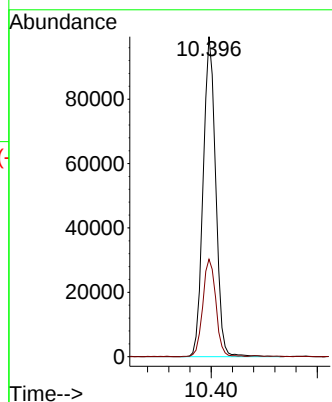
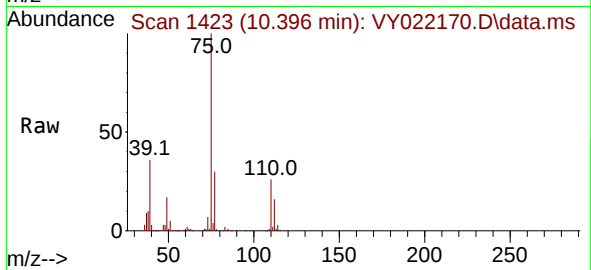




#53
 t-1,3-Dichloropropene
 Concen: 55.059 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022170.D
 Acq: 06 May 2025 09:14

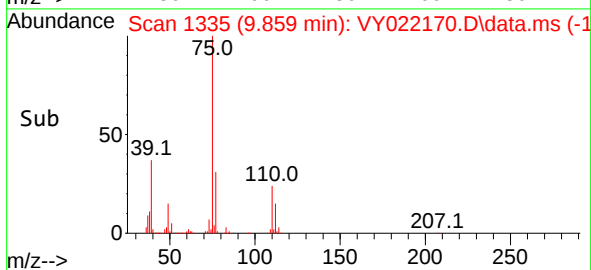
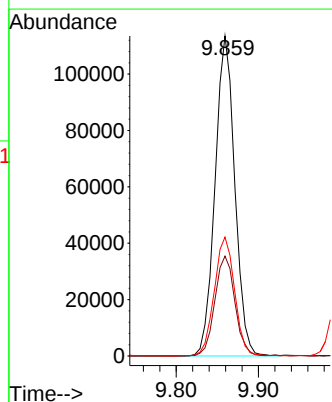
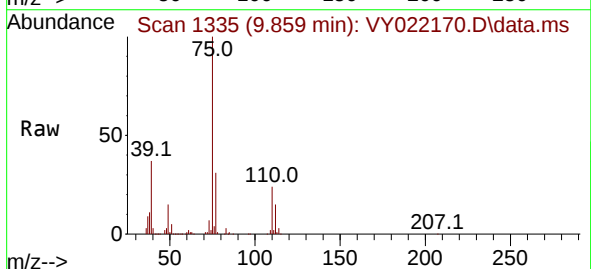
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

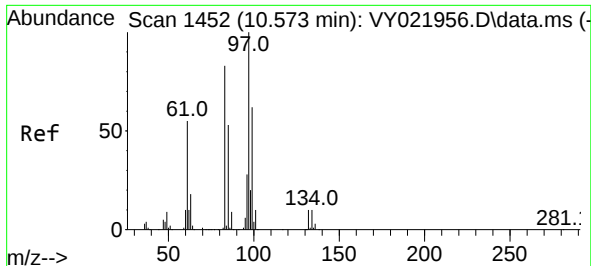
Tgt Ion: 75 Resp: 163371
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.717 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY022170.D
 Acq: 06 May 2025 09:14

Tgt Ion: 75 Resp: 189466
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.6 40.0
 39 37.1 29.6 44.4

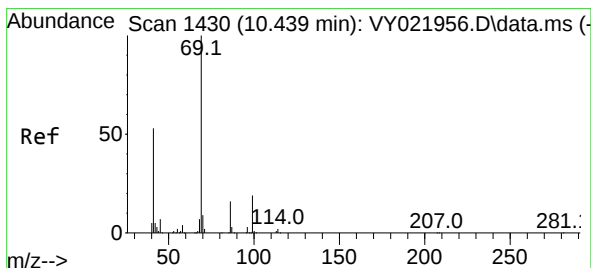
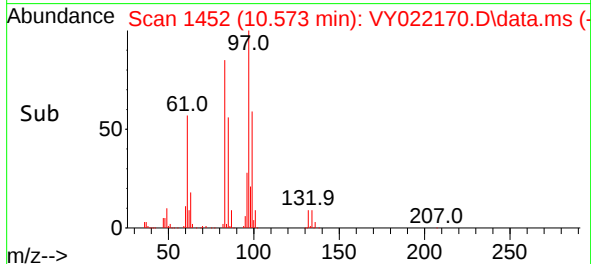
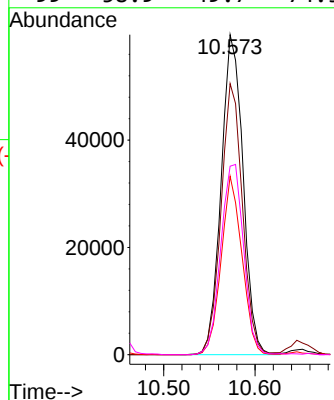
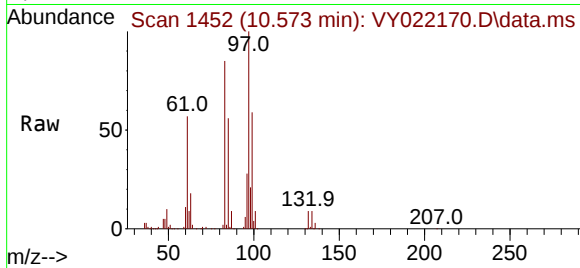




#55
1,1,2-Trichloroethane
Concen: 53.748 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

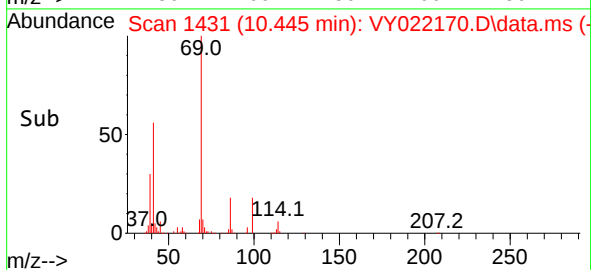
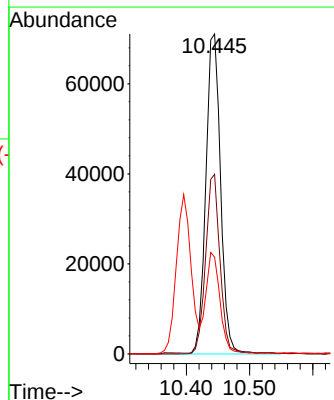
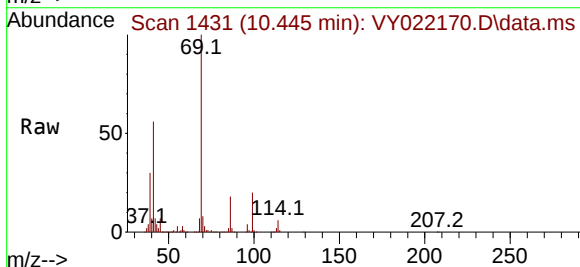
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

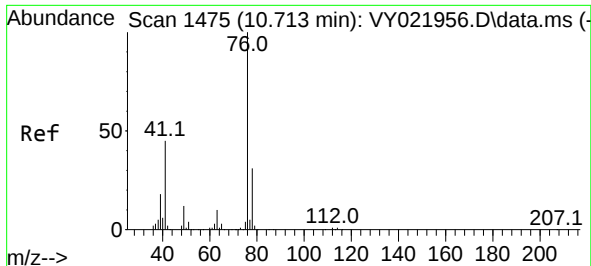
Tgt Ion: 97	Resp: 99416
Ion Ratio	Lower Upper
97 100	
83 84.7	66.7 100.1
85 55.8	42.6 64.0
99 58.9	49.7 74.5



#56
Ethyl methacrylate
Concen: 54.630 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 69	Resp: 115554
Ion Ratio	Lower Upper
69 100	
41 53.9	40.7 61.1
39 30.3	23.3 34.9





#57

1,3-Dichloropropane

Concen: 53.442 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

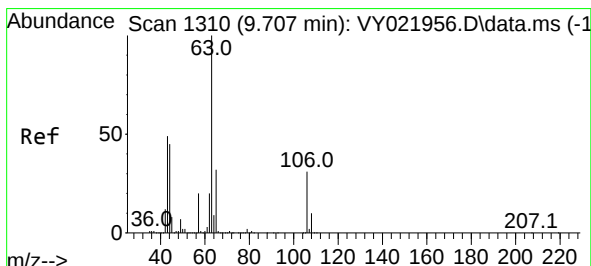
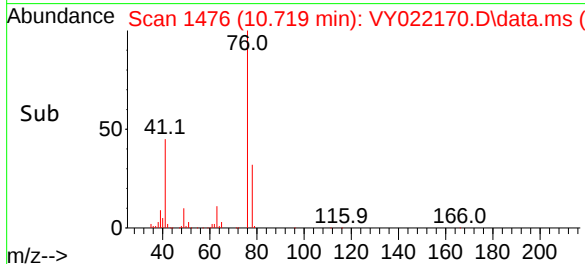
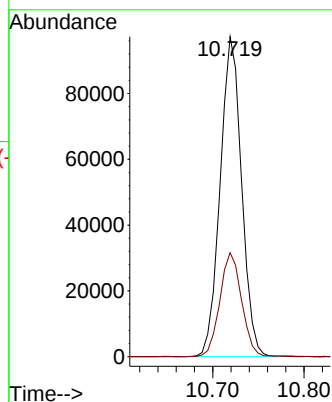
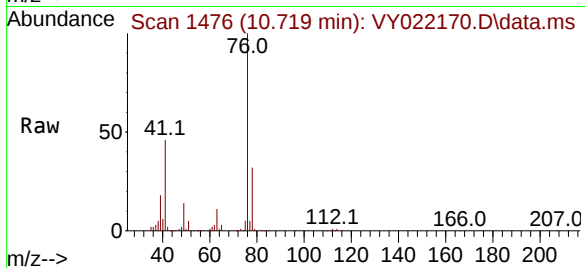
VSTDCCC050

Tgt Ion: 76 Resp: 158472

Ion Ratio Lower Upper

76 100

78 33.0 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 274.338 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022170.D

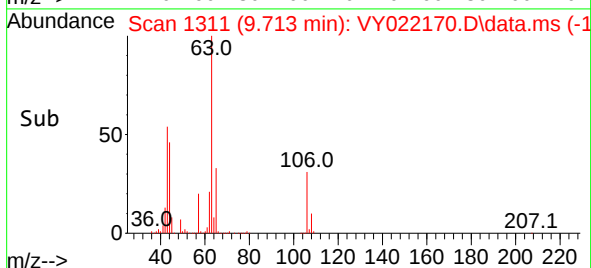
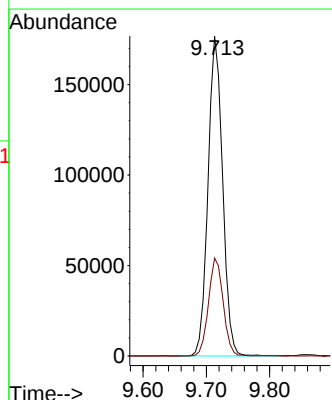
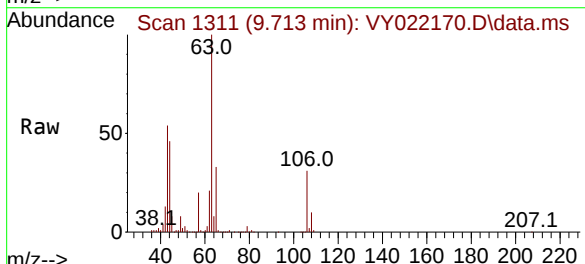
Acq: 06 May 2025 09:14

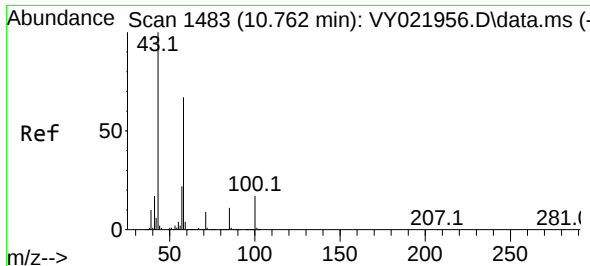
Tgt Ion: 63 Resp: 283721

Ion Ratio Lower Upper

63 100

106 30.9 25.3 37.9

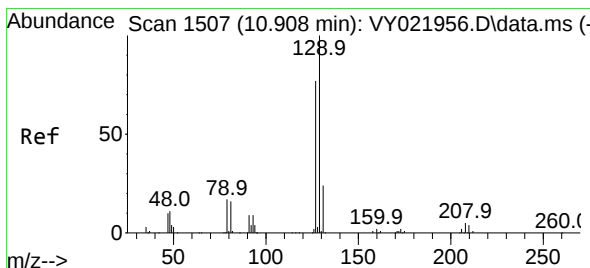
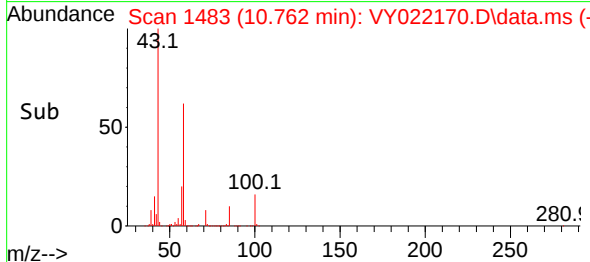
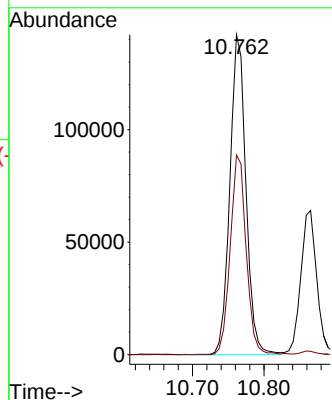
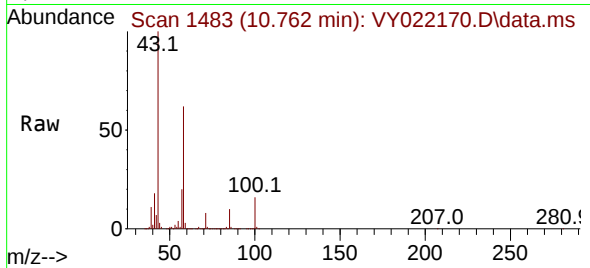




#59
2-Hexanone
Concen: 290.152 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

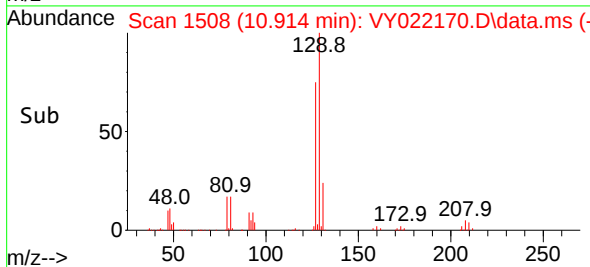
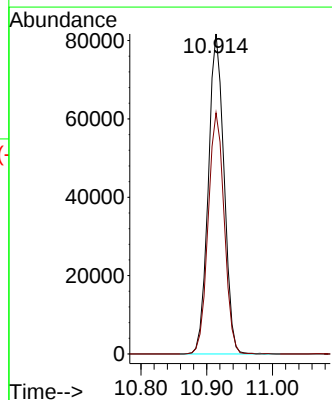
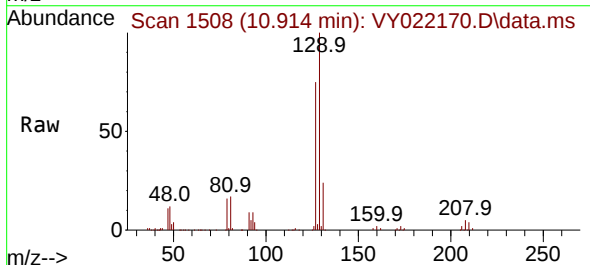
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

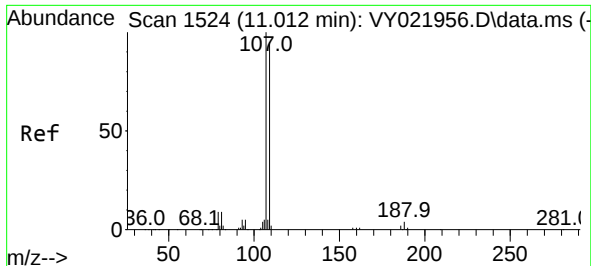
Tgt Ion: 43 Resp: 221418
Ion Ratio Lower Upper
43 100
58 62.3 32.0 96.0



#60
Dibromochloromethane
Concen: 52.935 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 129 Resp: 135560
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.902 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

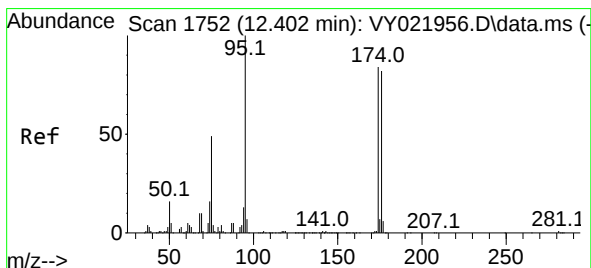
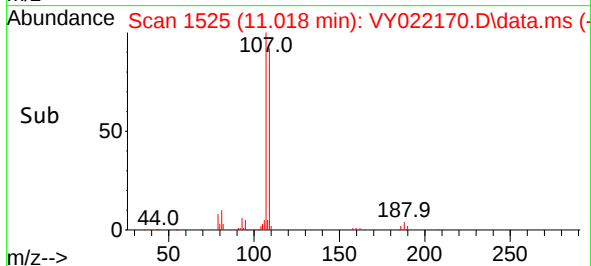
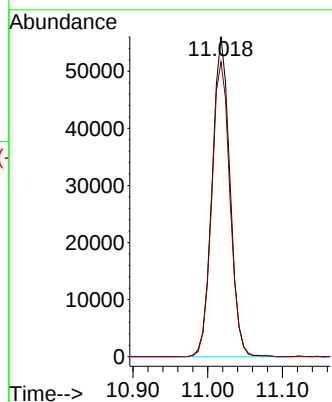
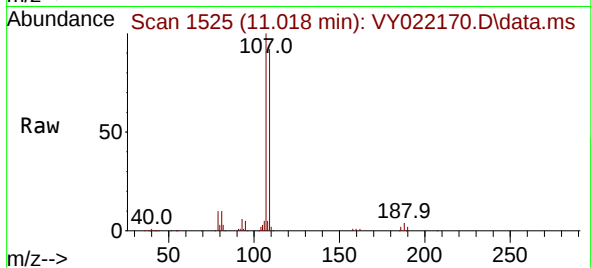
VSTDCCC050

Tgt Ion:107 Resp: 92378

Ion Ratio Lower Upper

107 100

109 94.4 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 51.992 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

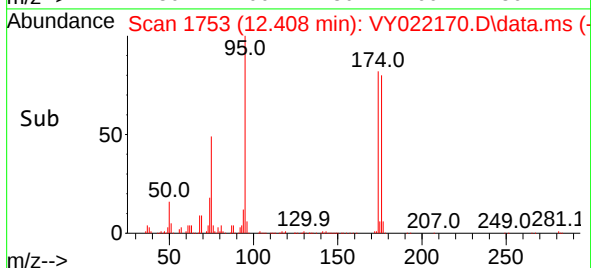
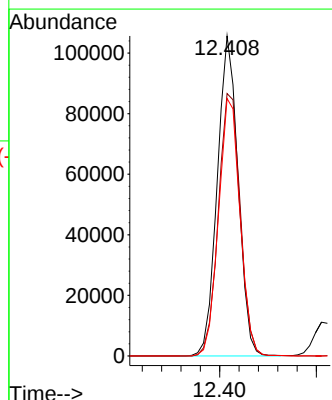
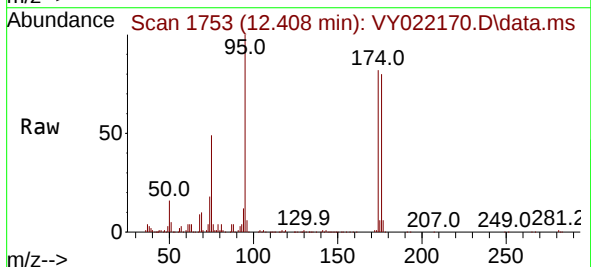
Tgt Ion: 95 Resp: 157189

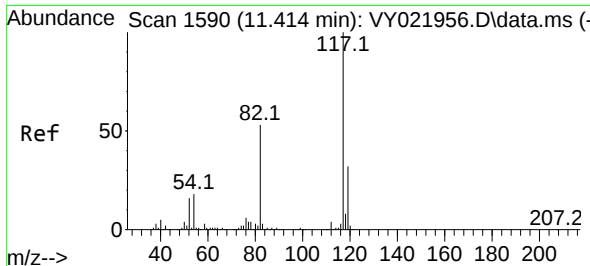
Ion Ratio Lower Upper

95 100

174 86.5 0.0 179.0

176 83.3 0.0 171.8

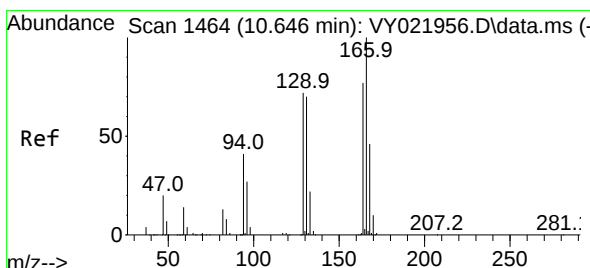
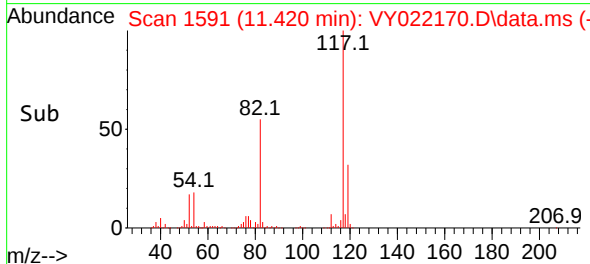
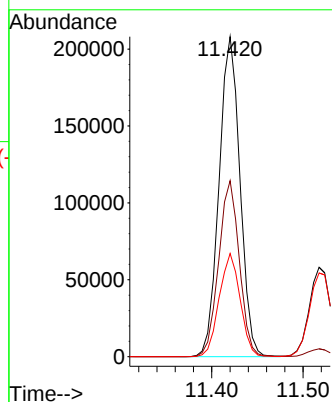
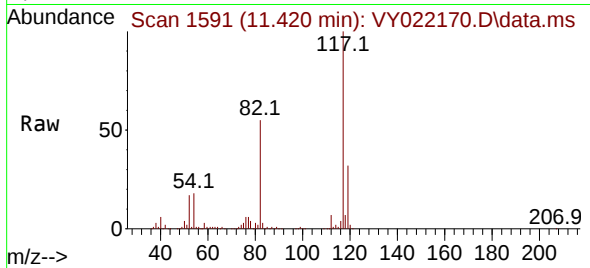




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

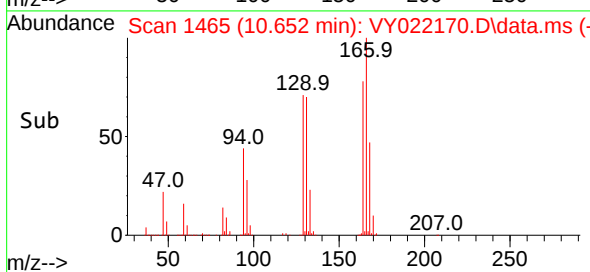
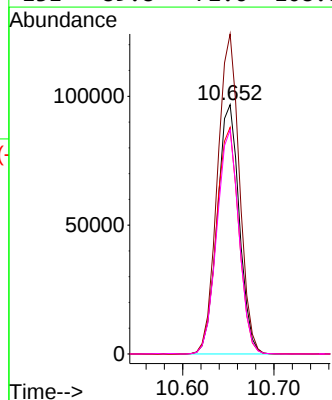
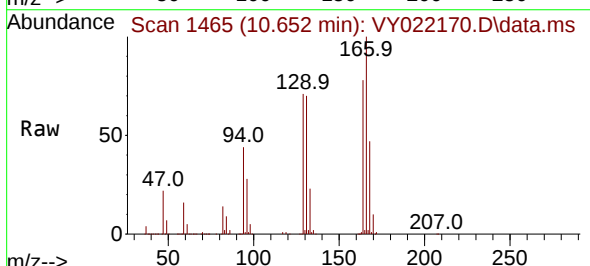
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

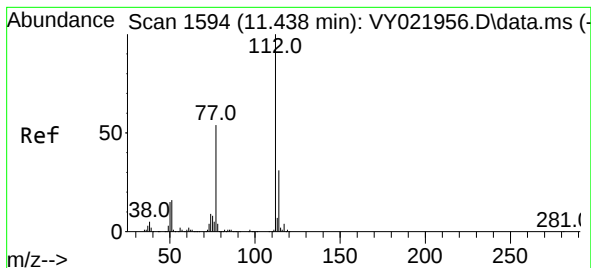
Tgt Ion:117 Resp: 331226
Ion Ratio Lower Upper
117 100
82 55.0 42.1 63.1
119 32.3 25.7 38.5



#64
Tetrachloroethene
Concen: 51.922 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:164 Resp: 162239
Ion Ratio Lower Upper
164 100
166 128.3 103.6 155.4
129 90.9 74.2 111.4
131 89.8 72.6 108.8

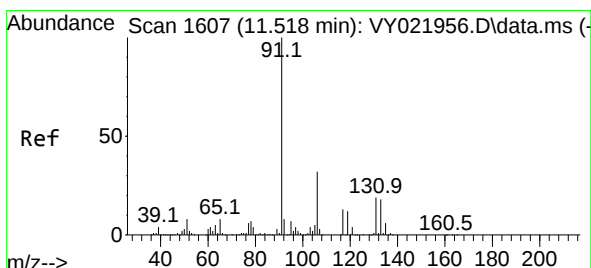
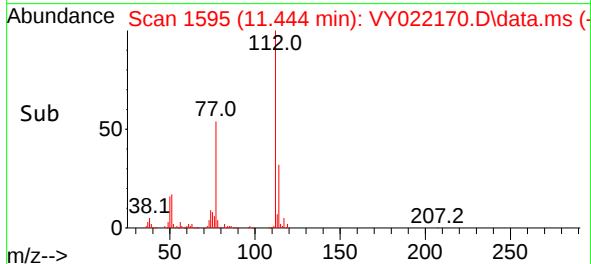
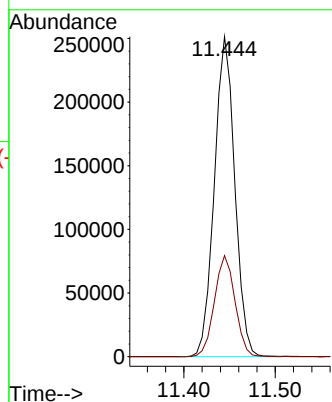
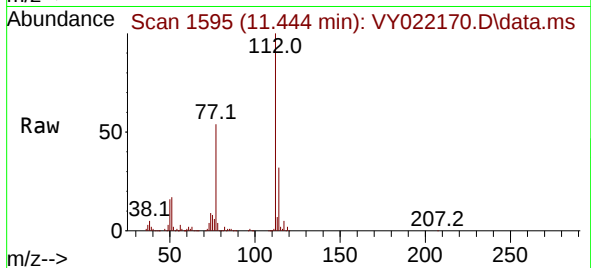




#65
Chlorobenzene
Concen: 52.689 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

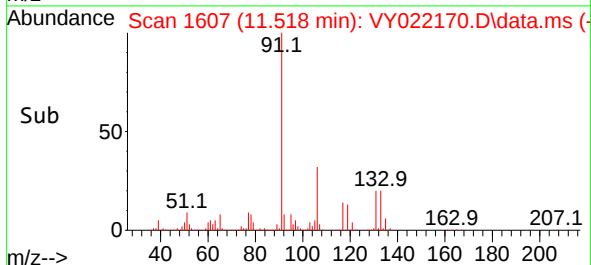
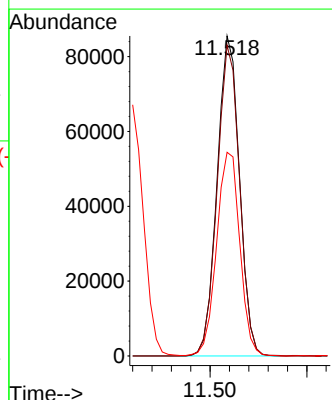
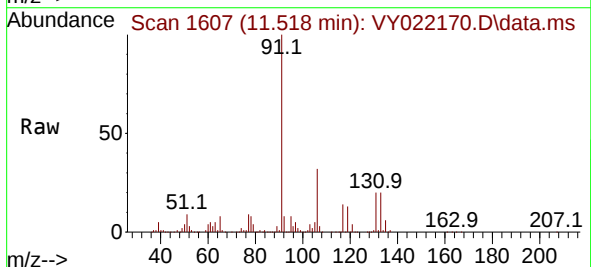
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

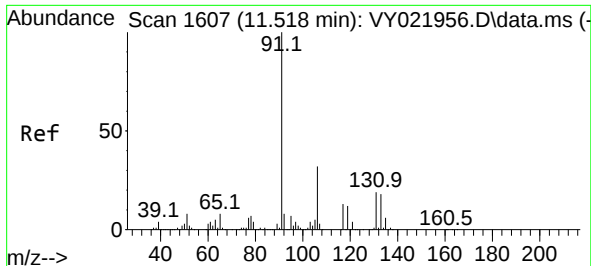
Tgt Ion:112 Resp: 390272
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.530 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:131 Resp: 136983
Ion Ratio Lower Upper
131 100
133 97.4 47.8 143.3
119 66.3 32.4 97.0





#67

Ethyl Benzene

Concen: 55.508 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

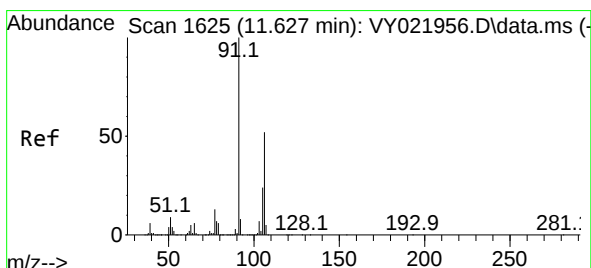
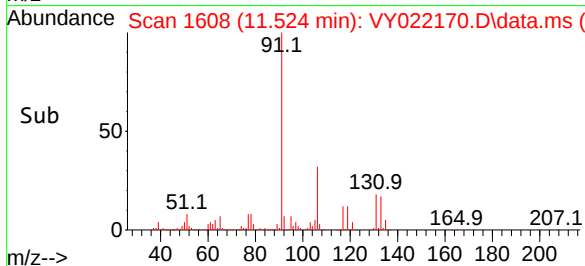
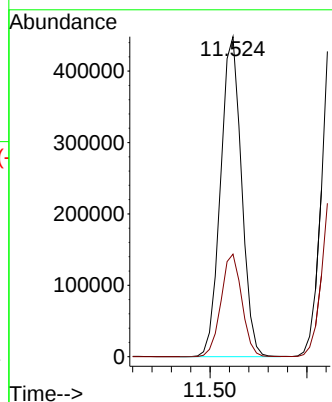
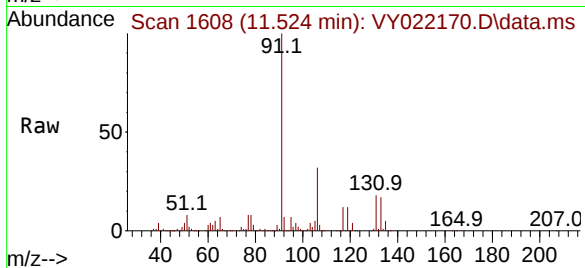
VSTDCCC050

Tgt Ion: 91 Resp: 672576

Ion Ratio Lower Upper

91 100

106 32.1 25.9 38.9



#68

m/p-Xylenes

Concen: 112.277 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022170.D

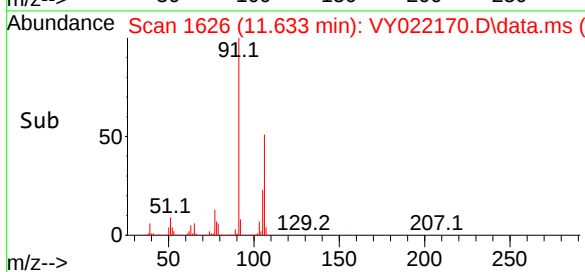
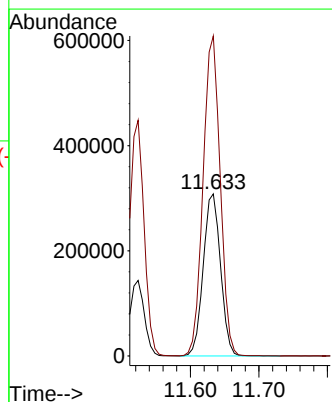
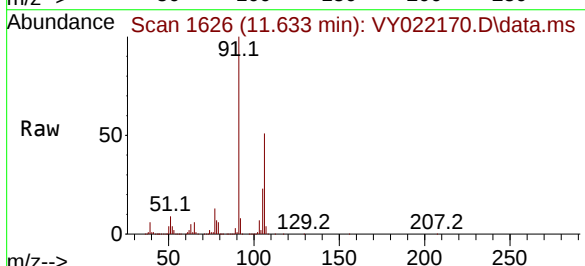
Acq: 06 May 2025 09:14

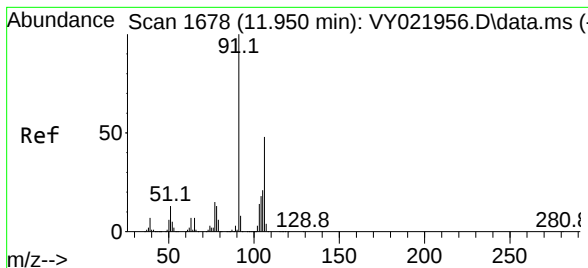
Tgt Ion: 106 Resp: 541347

Ion Ratio Lower Upper

106 100

91 195.6 156.2 234.2





#69

o-Xylene

Concen: 55.432 ug/l

RT: 11.957 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

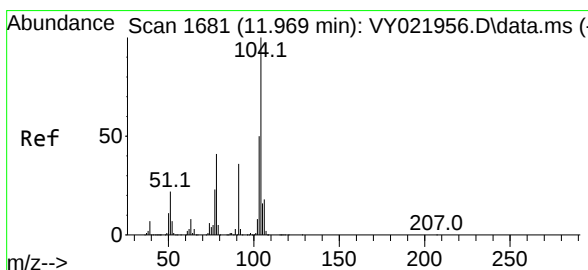
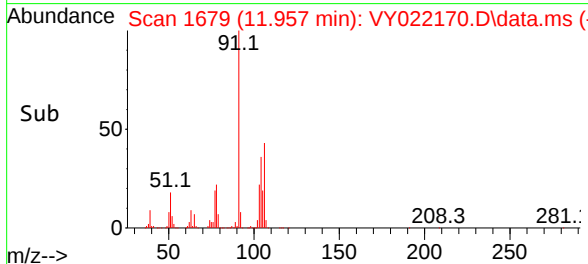
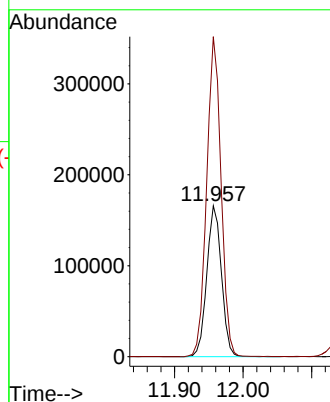
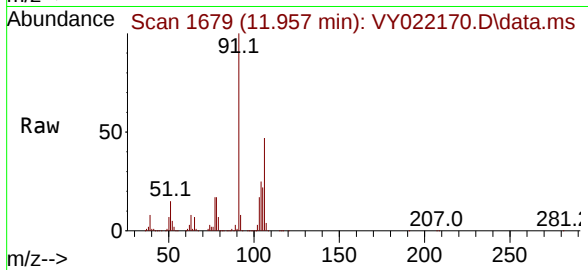
VSTDCCC050

Tgt Ion:106 Resp: 246335

Ion Ratio Lower Upper

106 100

91 208.5 103.0 308.9



#70

Styrene

Concen: 56.750 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

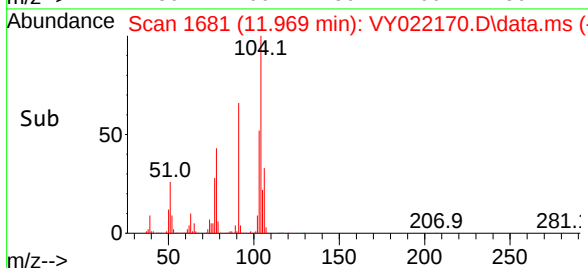
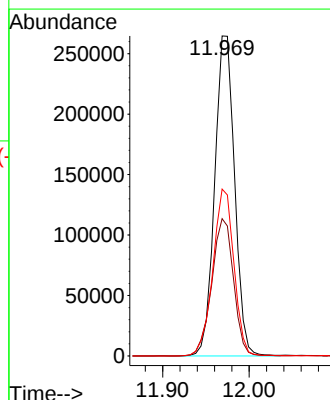
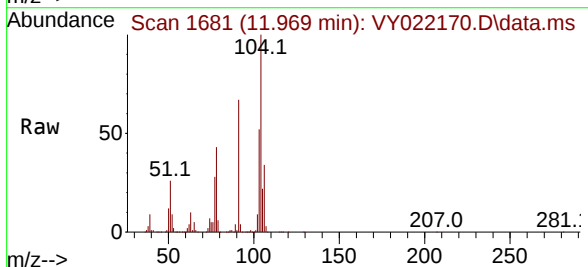
Tgt Ion:104 Resp: 423444

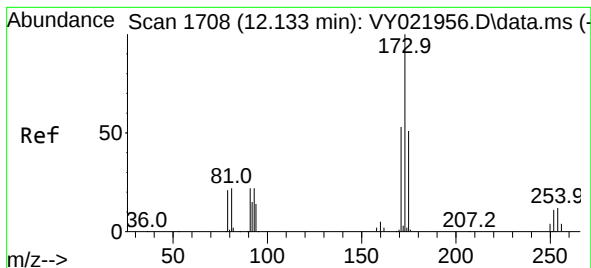
Ion Ratio Lower Upper

104 100

78 46.8 36.6 54.8

103 55.1 43.8 65.8





#71

Bromoform

Concen: 52.185 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

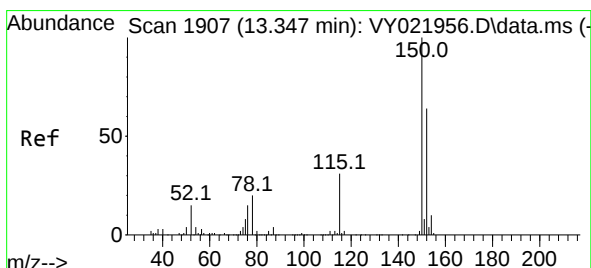
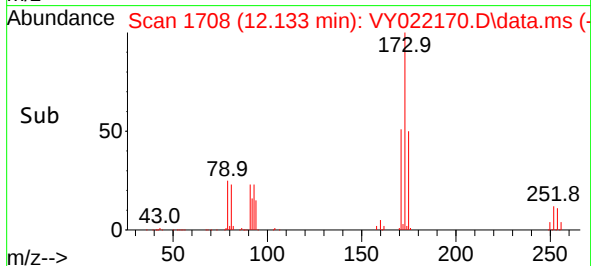
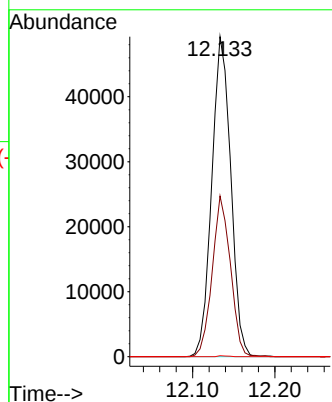
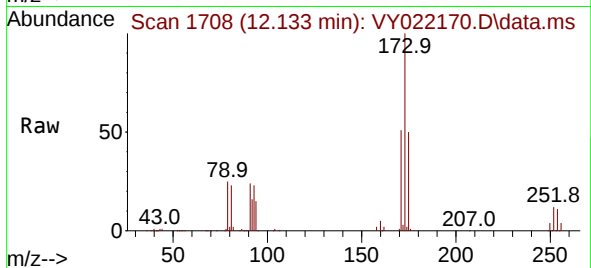
Tgt Ion:173 Resp: 79117

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

254 0.1 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: VY022170.D

Acq: 06 May 2025 09:14

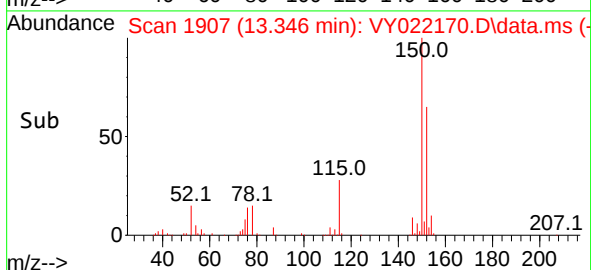
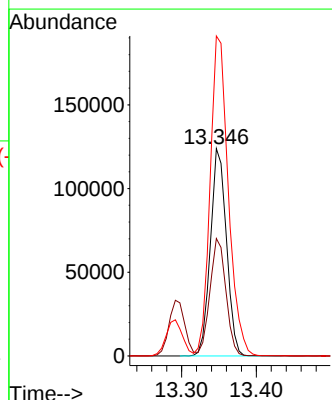
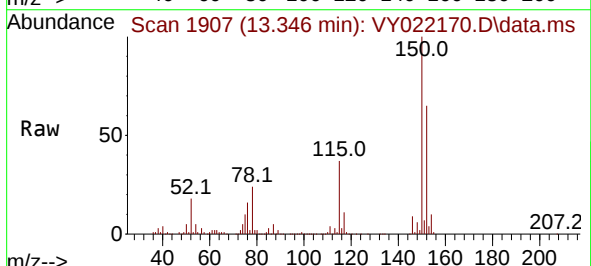
Tgt Ion:152 Resp: 184988

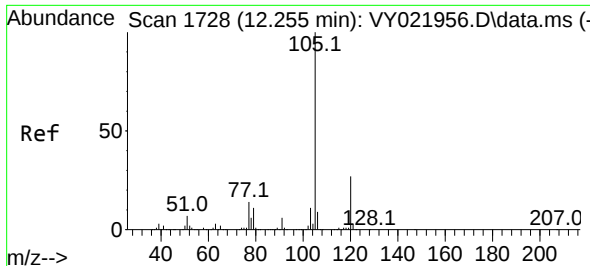
Ion Ratio Lower Upper

152 100

115 56.0 28.0 84.0

150 174.8 0.0 345.6

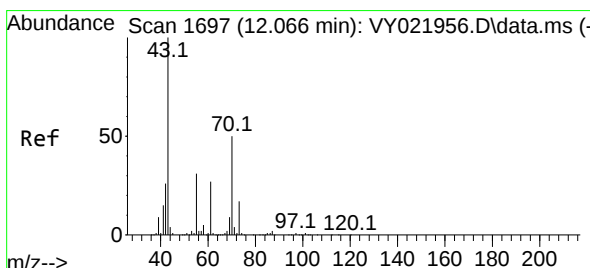
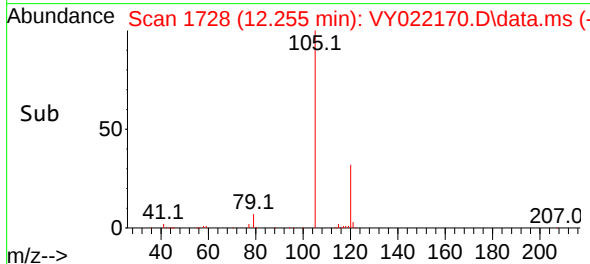
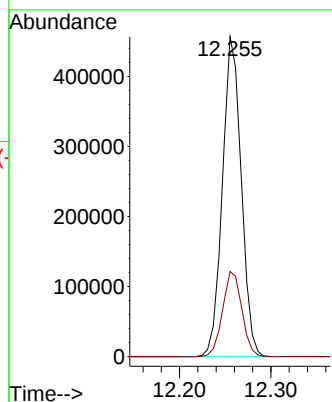
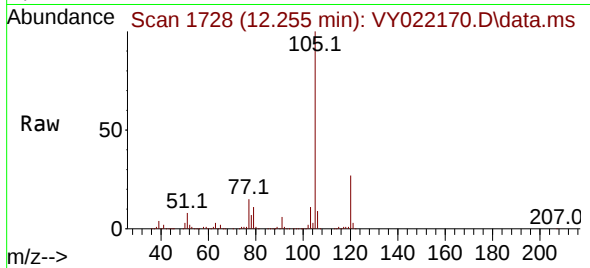




#73
Isopropylbenzene
Concen: 52.929 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

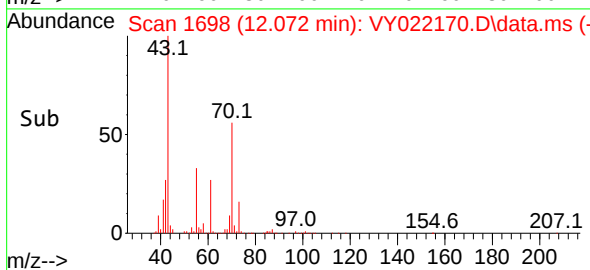
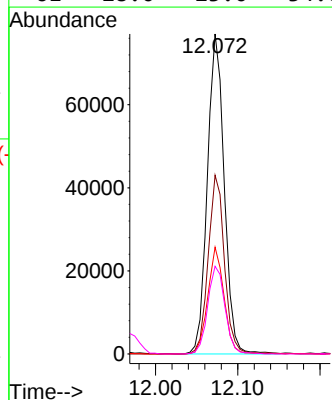
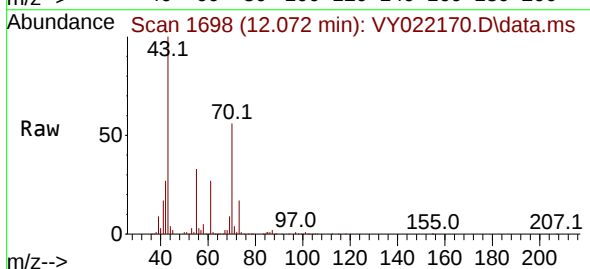
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

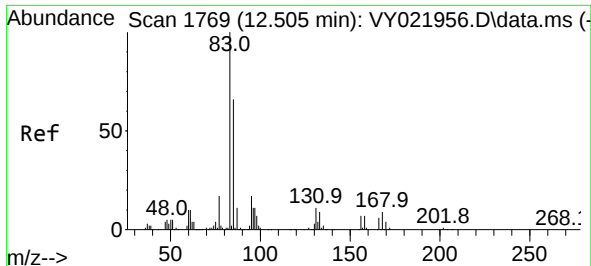
Tgt Ion:105 Resp: 654161
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.5



#74
N-ethyl acetate
Concen: 51.702 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 43 Resp: 109786
Ion Ratio Lower Upper
43 100
70 53.9 43.2 64.8
55 32.3 25.7 38.5
61 28.0 23.0 34.6

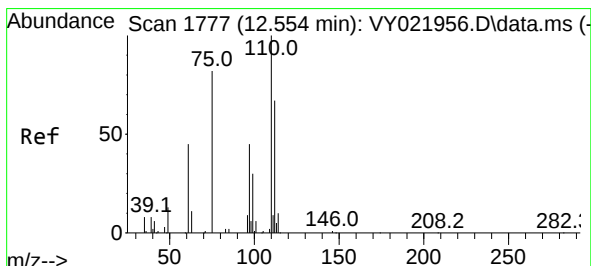
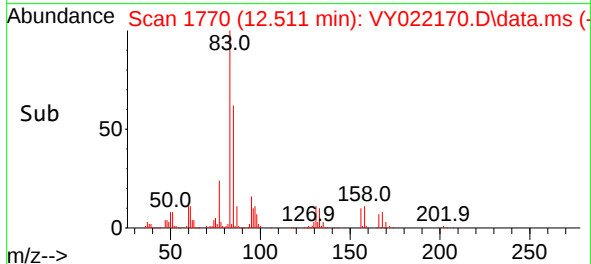
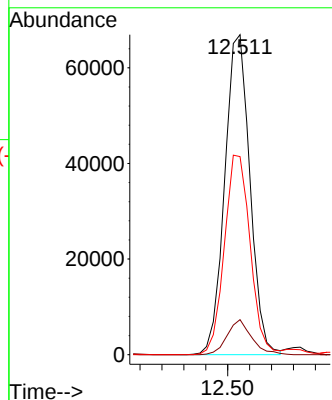
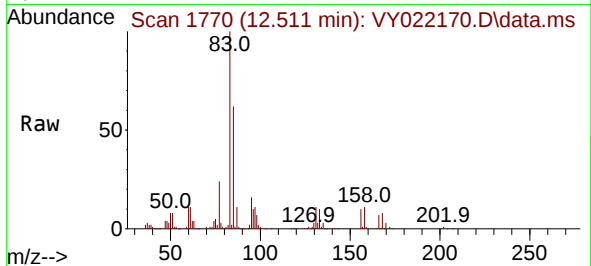




#75
1,1,2,2-Tetrachloroethane
Concen: 51.312 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

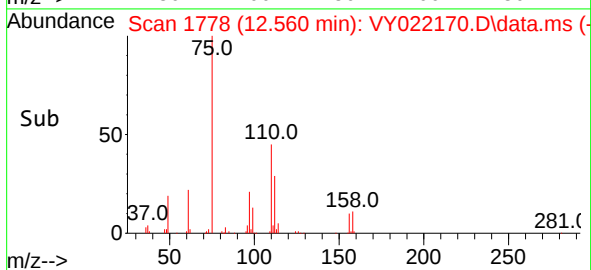
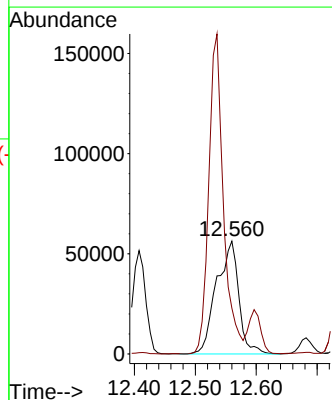
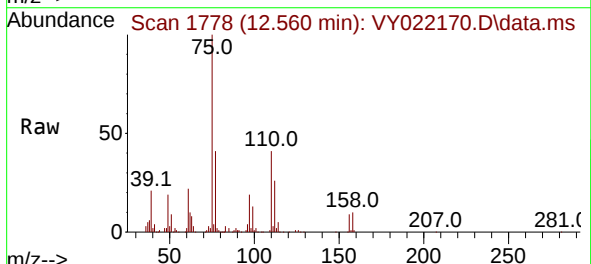
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

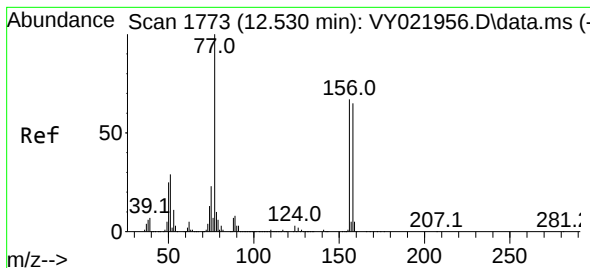
Tgt Ion: 83 Resp: 106920
Ion Ratio Lower Upper
83 100
131 10.6 5.5 16.4
85 63.8 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 90.254 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 75 Resp: 143008
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.685 ug/l

RT: 12.536 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

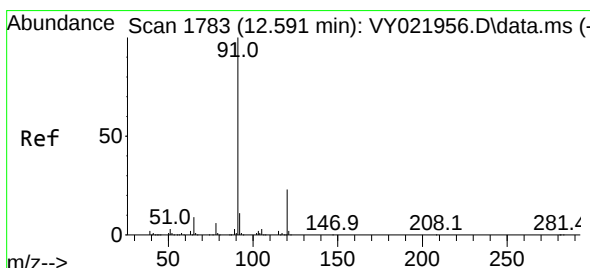
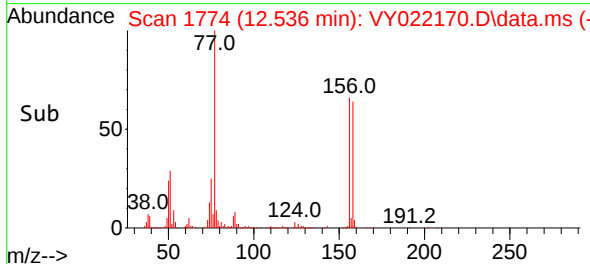
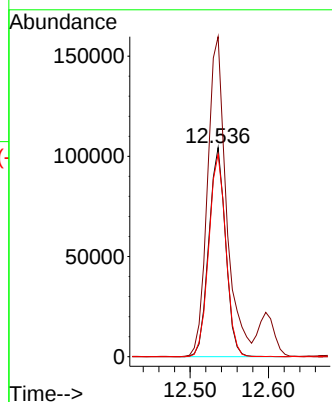
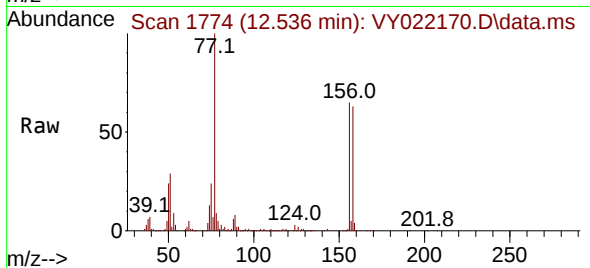
Tgt Ion:156 Resp: 155166

Ion Ratio Lower Upper

156 100

77 172.7 82.7 248.1

158 98.5 48.1 144.4



#78

n-propylbenzene

Concen: 54.551 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022170.D

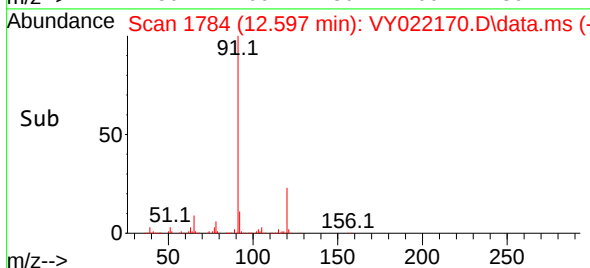
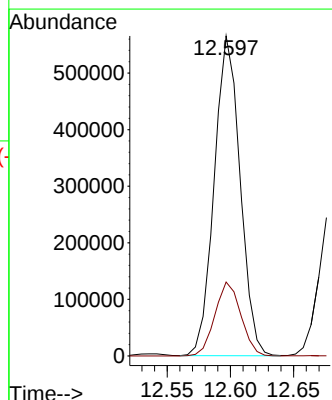
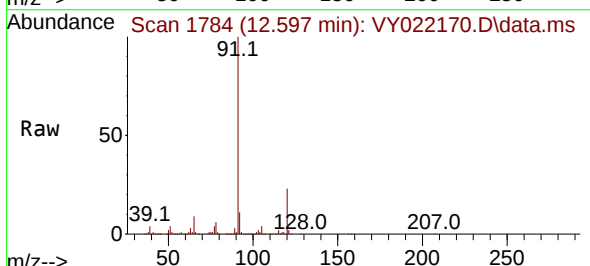
Acq: 06 May 2025 09:14

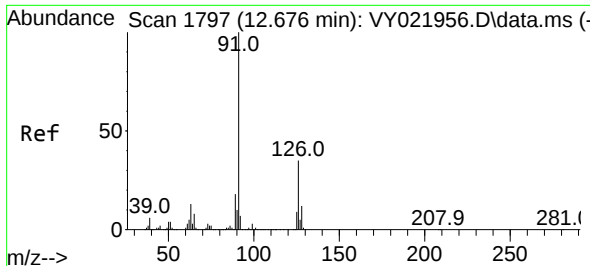
Tgt Ion: 91 Resp: 802900

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.5

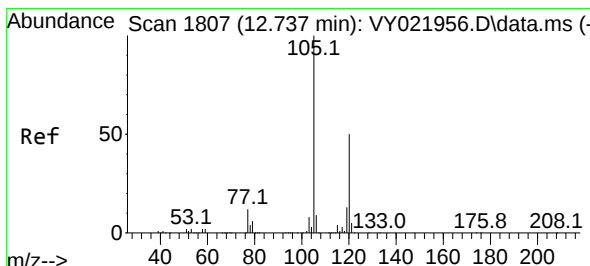
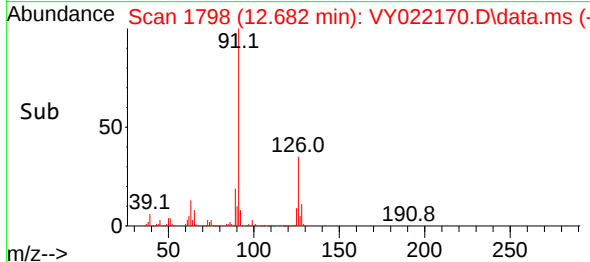
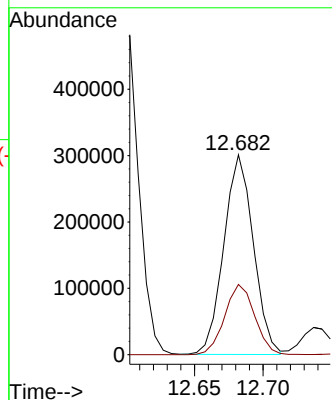
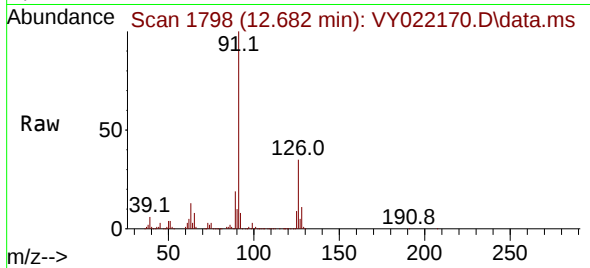




#79
2-Chlorotoluene
Concen: 52.846 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

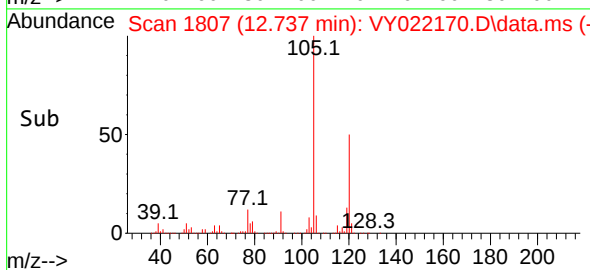
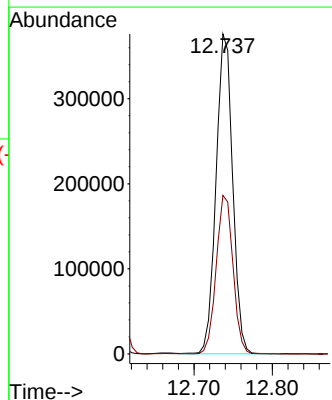
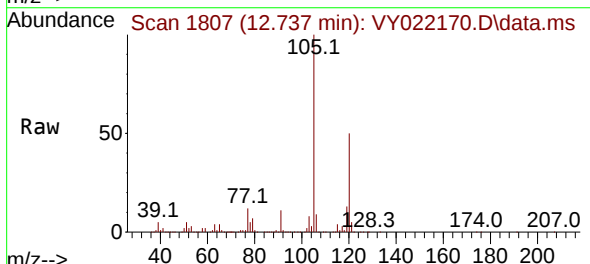
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

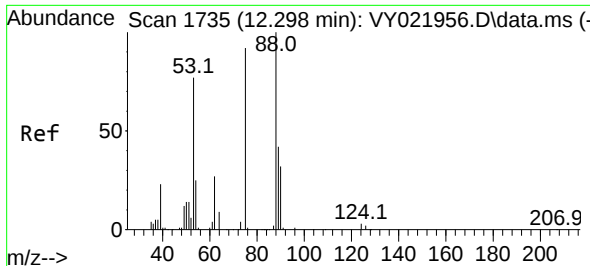
Tgt Ion: 91 Resp: 452344
Ion Ratio Lower Upper
91 100
126 35.7 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 54.357 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 105 Resp: 553534
Ion Ratio Lower Upper
105 100
120 50.2 25.0 75.0

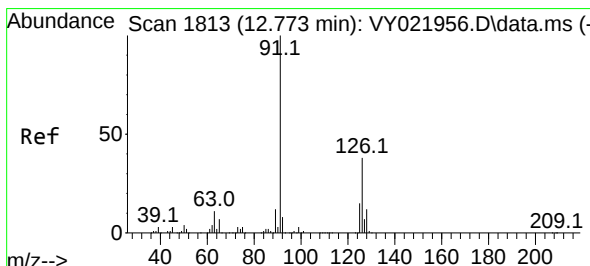
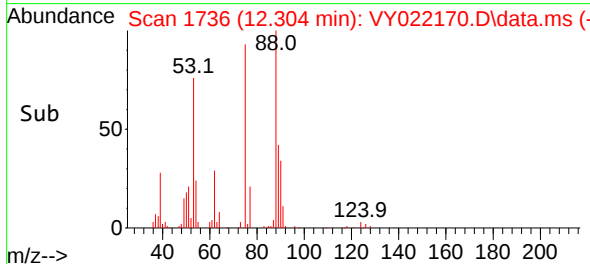
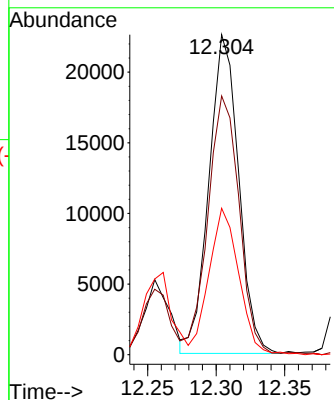
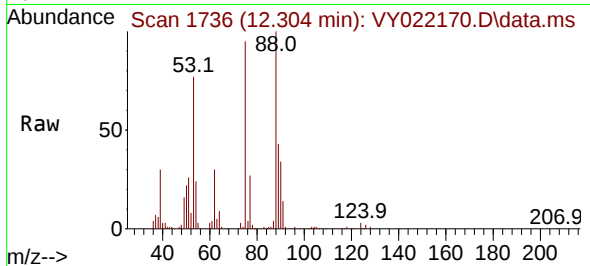




#81
trans-1,4-Dichloro-2-butene
Concen: 51.594 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

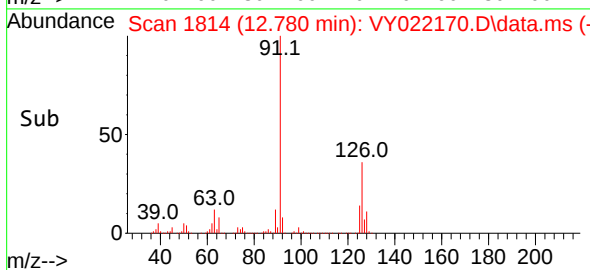
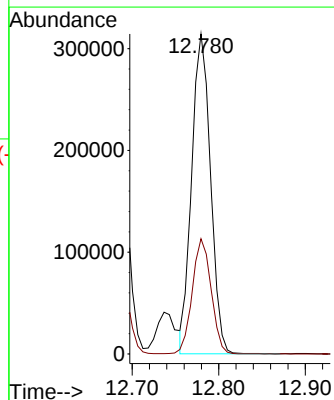
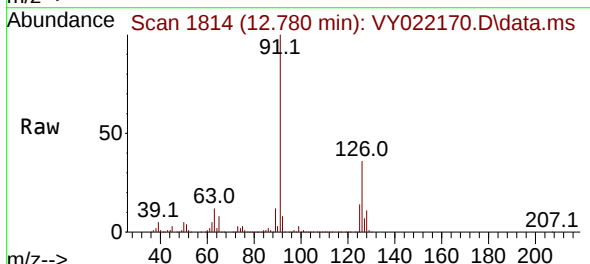
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

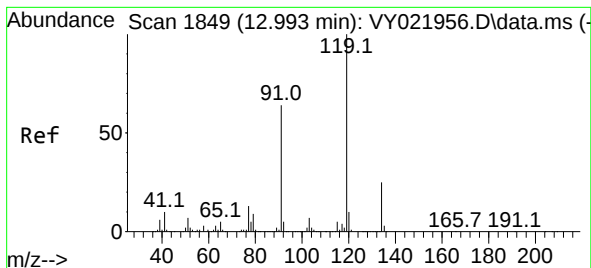
Tgt Ion: 75 Resp: 33948
Ion Ratio Lower Upper
75 100
53 84.8 66.0 99.0
89 46.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 53.283 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 91 Resp: 474107
Ion Ratio Lower Upper
91 100
126 36.3 17.9 53.8





#83

tert-Butylbenzene

Concen: 53.022 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

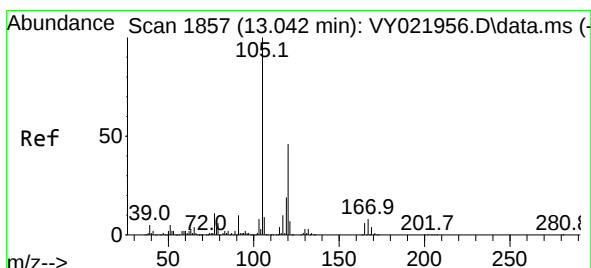
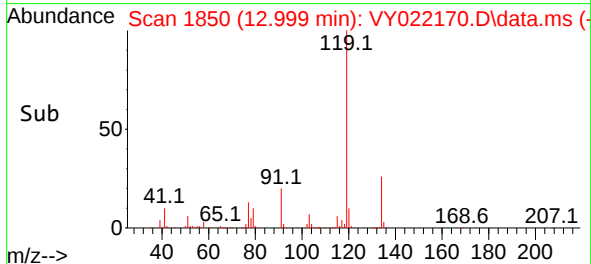
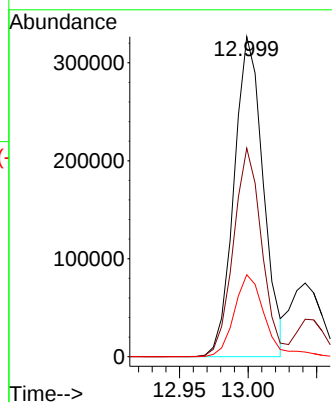
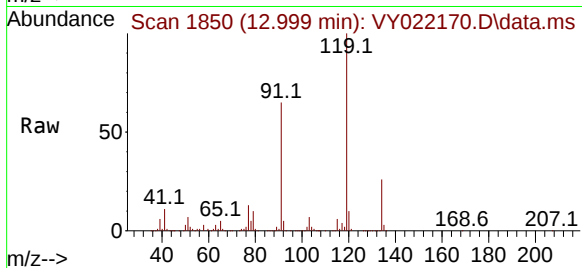
Tgt Ion:119 Resp: 484239

Ion Ratio Lower Upper

119 100

91 63.9 30.3 90.9

134 26.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 54.747 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY022170.D

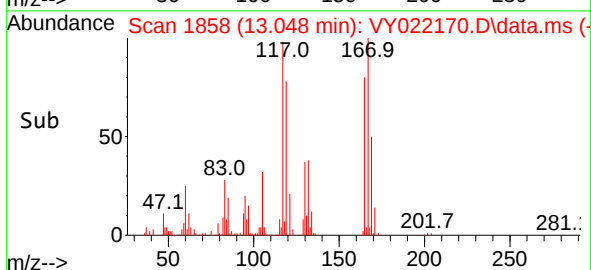
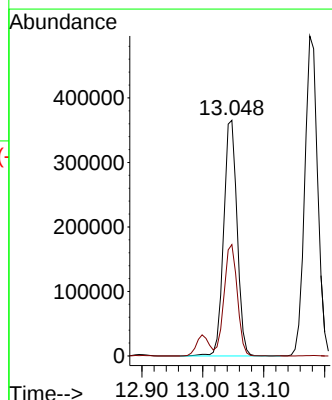
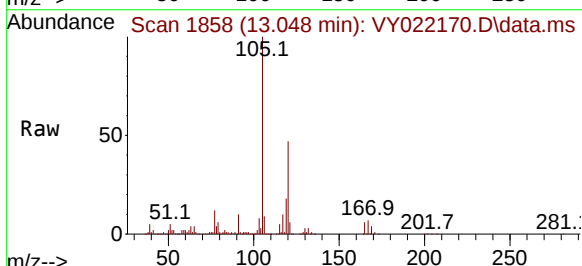
Acq: 06 May 2025 09:14

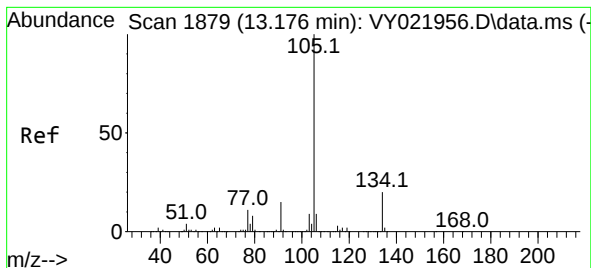
Tgt Ion:105 Resp: 557633

Ion Ratio Lower Upper

105 100

120 46.6 23.4 70.0





#85

sec-Butylbenzene

Concen: 54.416 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

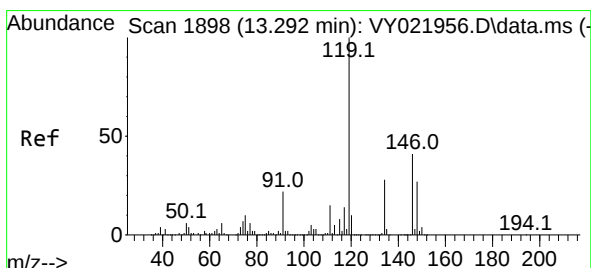
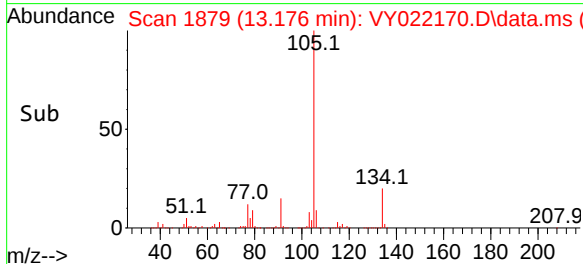
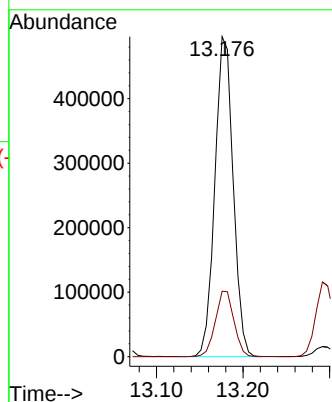
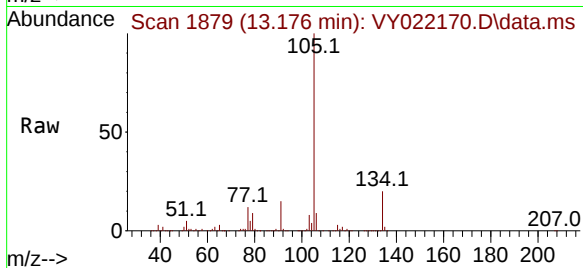
VSTDCCC050

Tgt Ion:105 Resp: 727224

Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.9



#86

p-Isopropyltoluene

Concen: 54.641 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

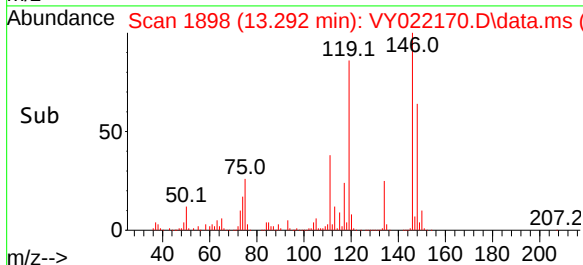
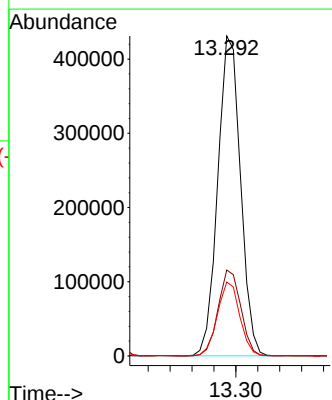
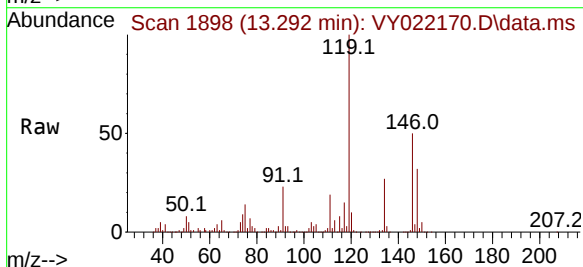
Tgt Ion:119 Resp: 620080

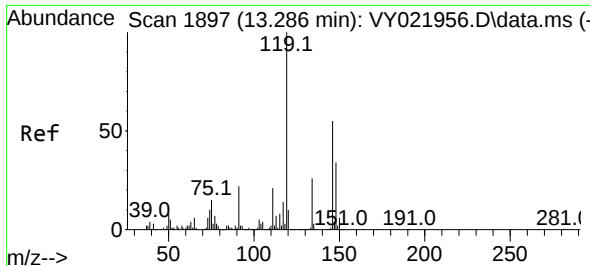
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 22.8 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 51.656 ug/l

RT: 13.292 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

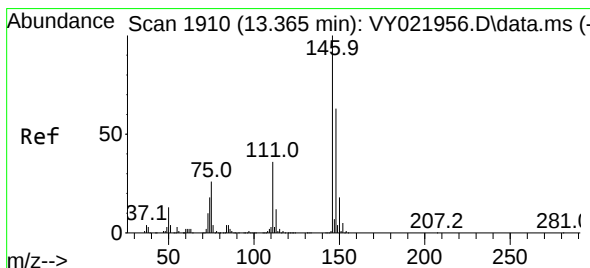
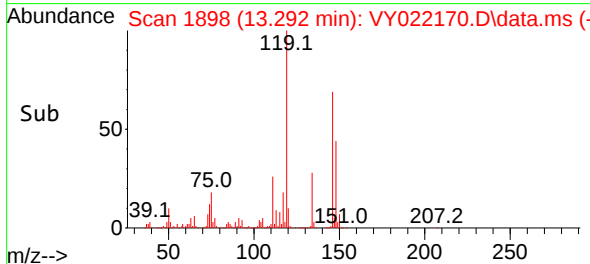
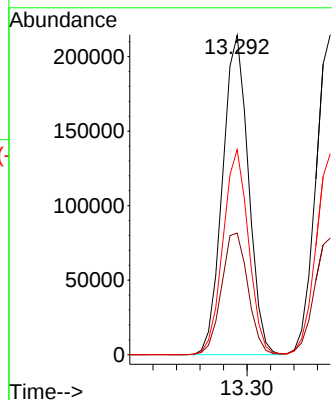
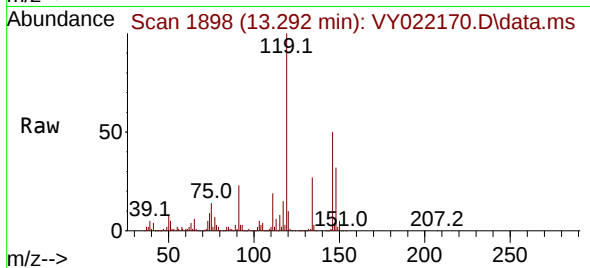
Tgt Ion:146 Resp: 327645

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.5

148 63.4 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 51.473 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

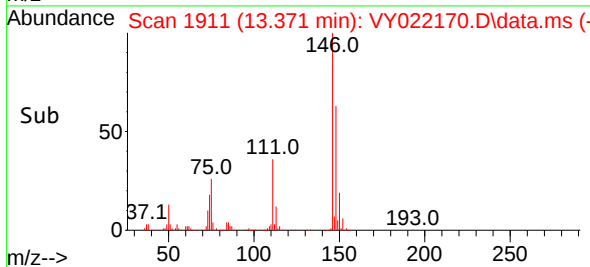
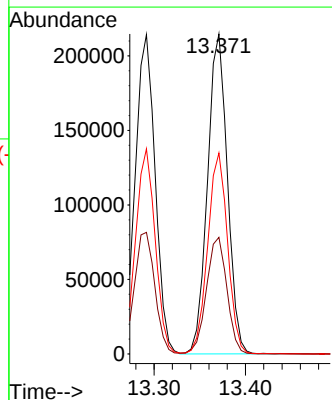
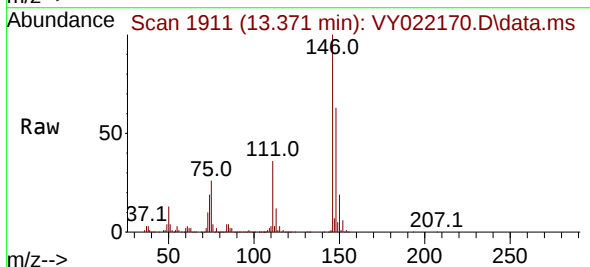
Tgt Ion:146 Resp: 323350

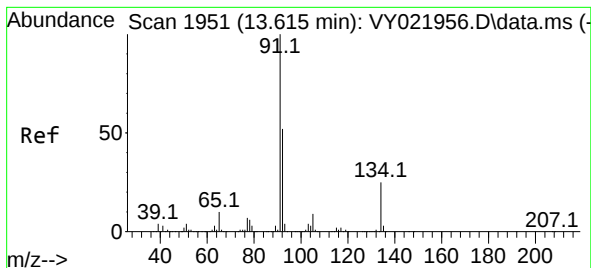
Ion Ratio Lower Upper

146 100

111 37.6 19.2 57.6

148 63.0 32.0 96.0





#89

n-Butylbenzene

Concen: 55.231 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

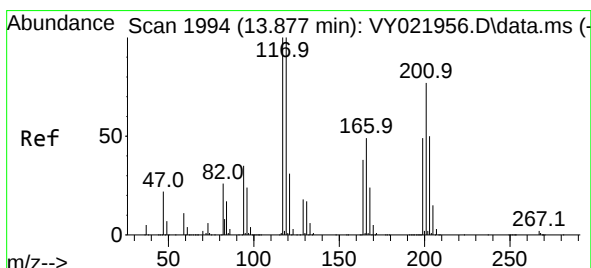
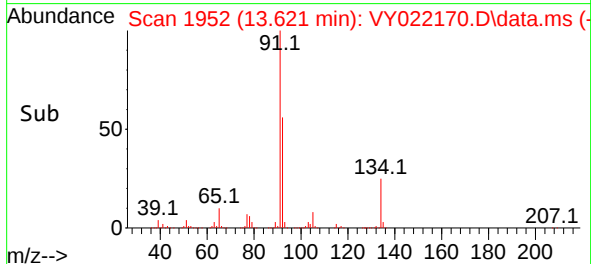
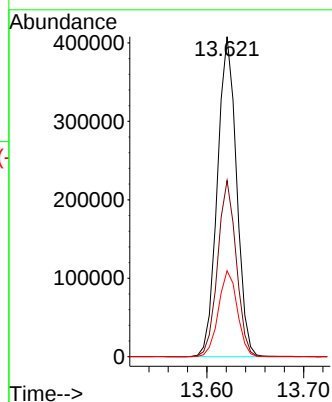
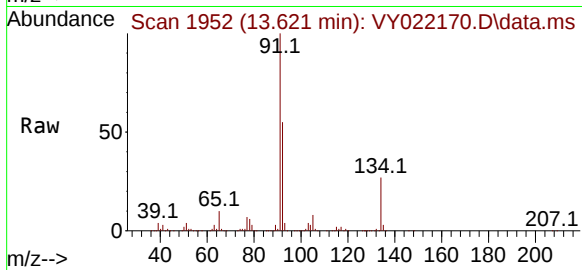
Tgt Ion: 91 Resp: 560229

Ion Ratio Lower Upper

91 100

92 53.3 26.5 79.5

134 26.5 13.4 40.1



#90

Hexachloroethane

Concen: 51.967 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022170.D

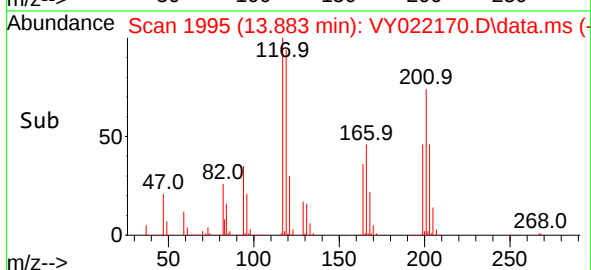
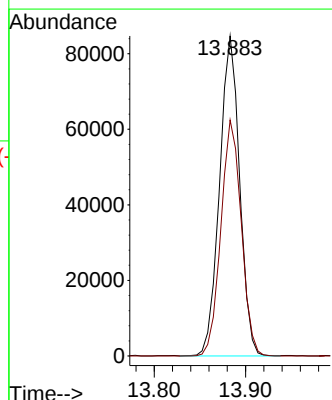
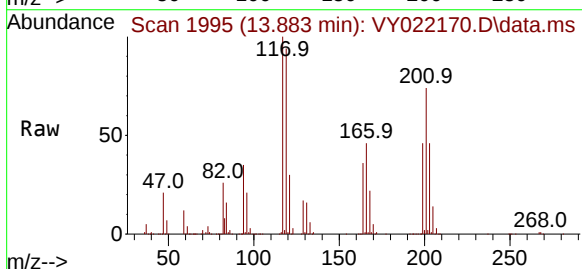
Acq: 06 May 2025 09:14

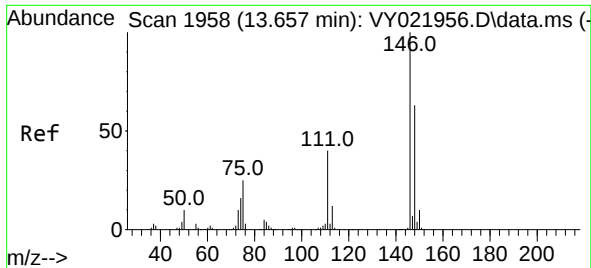
Tgt Ion: 117 Resp: 129569

Ion Ratio Lower Upper

117 100

201 74.7 38.7 116.1

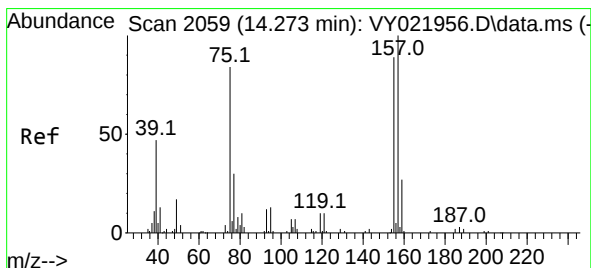
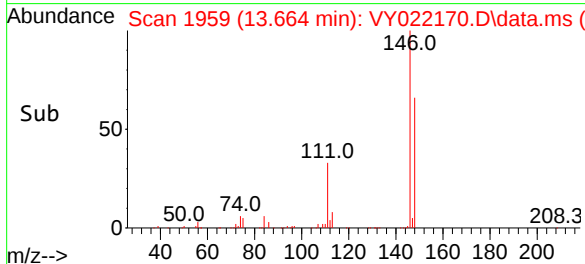
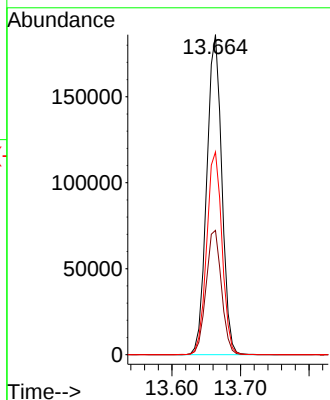
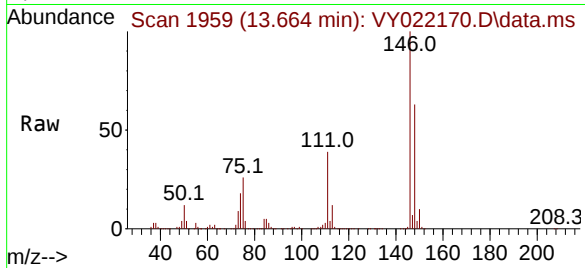




#91
1,2-Dichlorobenzene
Concen: 51.452 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

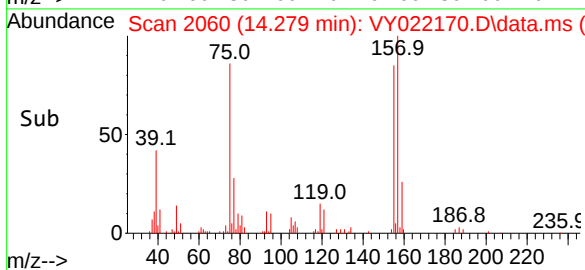
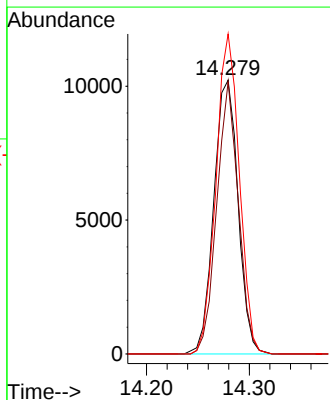
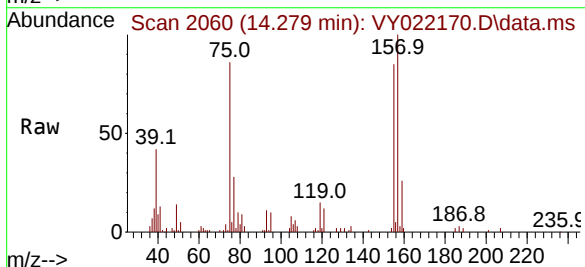
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 284643
Ion Ratio Lower Upper
146 100
111 39.8 19.7 59.1
148 64.2 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.369 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 75 Resp: 16698
Ion Ratio Lower Upper
75 100
155 88.9 50.7 152.3
157 113.1 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 50.198 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

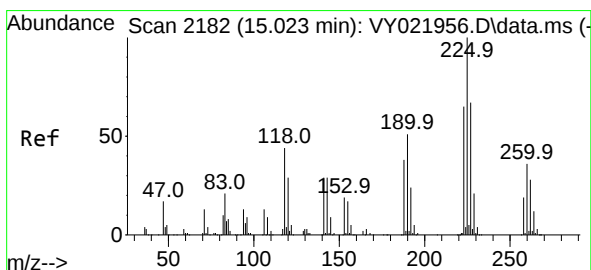
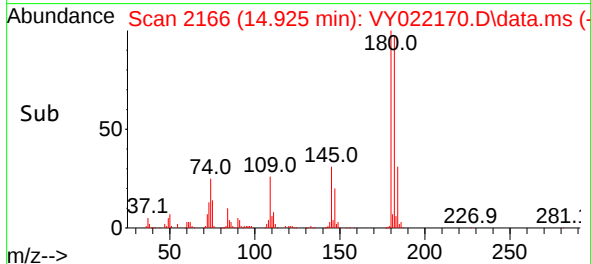
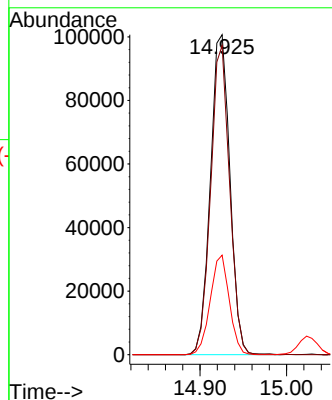
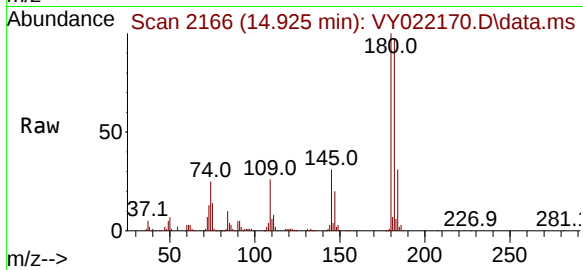
Tgt Ion:180 Resp: 157369

Ion Ratio Lower Upper

180 100

182 93.9 47.1 141.4

145 30.4 15.0 45.0



#94

Hexachlorobutadiene

Concen: 49.746 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

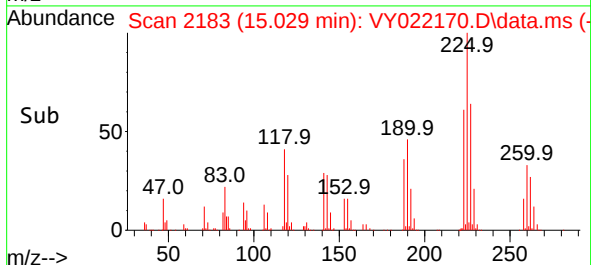
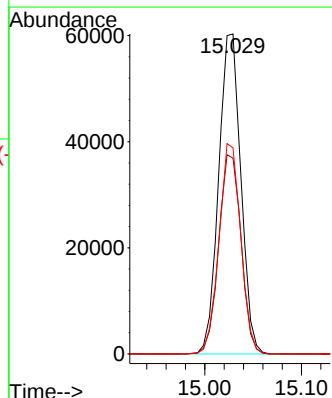
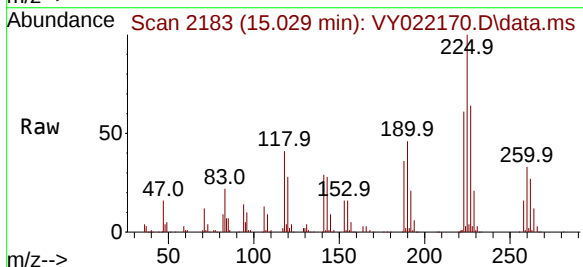
Tgt Ion:225 Resp: 95951

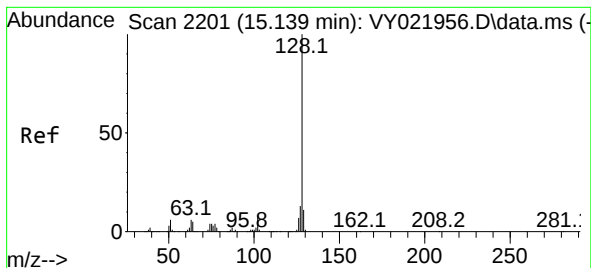
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.5

227 64.4 32.3 96.9





#95

Naphthalene

Concen: 49.892 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

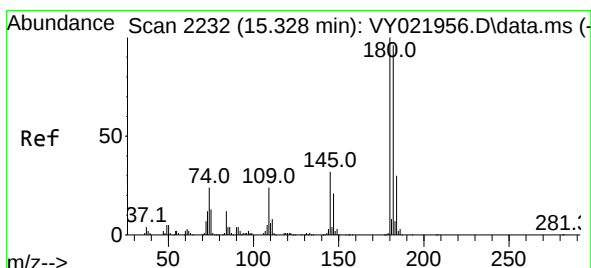
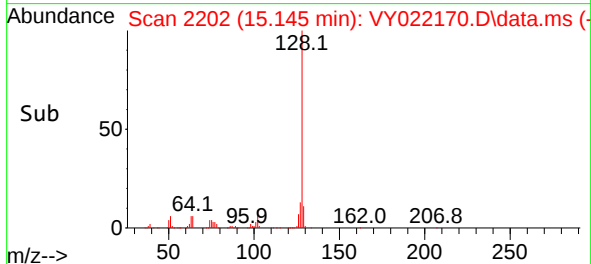
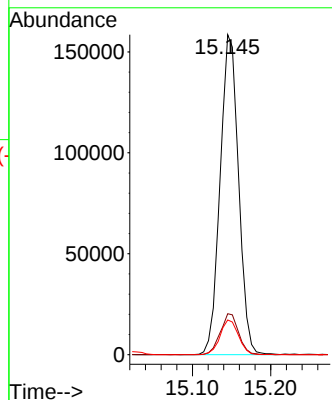
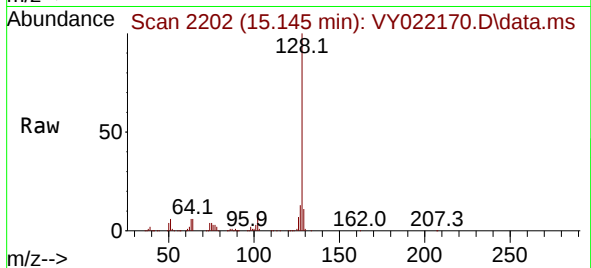
Tgt Ion:128 Resp: 259824

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 49.992 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Tgt Ion:180 Resp: 135284

Ion Ratio Lower Upper

180 100

182 95.8 48.1 144.4

145 32.1 16.0 48.0

