

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
 Data File : VY022180.D
 Acq On : 06 May 2025 14:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 07 04:35:27 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	216598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	327306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	301681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	176632	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	38707	19.347	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	38.700%#
35) Dibromofluoromethane	7.640	113	42127	19.482	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.960%#
50) Toluene-d8	10.109	98	167358	20.529	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	41.060%#
62) 4-Bromofluorobenzene	12.408	95	58403	21.281	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	42.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	71063	38.504	ug/l	98
3) Chloromethane	2.074	50	119021	45.290	ug/l	96
4) Vinyl Chloride	2.208	62	158889	49.201	ug/l	99
5) Bromomethane	2.598	94	126455	45.450	ug/l	99
6) Chloroethane	2.739	64	111684	50.780	ug/l	98
7) Trichlorofluoromethane	3.056	101	199313	46.804	ug/l	98
8) Diethyl Ether	3.458	74	46166	41.652	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.818	101	108587	47.006	ug/l	98
10) Methyl Iodide	4.007	142	122475	45.792	ug/l	98
11) Tert butyl alcohol	4.860	59	23889	217.498	ug/l #	70
12) 1,1-Dichloroethene	3.793	96	97450	45.258	ug/l	96
13) Acrolein	3.659	56	18802	95.377	ug/l	97
14) Allyl chloride	4.391	41	124889	49.813	ug/l	97
15) Acrylonitrile	5.067	53	94997	234.116	ug/l	99
16) Acetone	3.873	43	64571	246.254	ug/l	98
17) Carbon Disulfide	4.110	76	303346	44.184	ug/l	100
18) Methyl Acetate	4.391	43	50161	53.673	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	226997	47.101	ug/l	99
20) Methylene Chloride	4.622	84	113740	44.960	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	111533	46.251	ug/l	93
22) Diisopropyl ether	6.018	45	291943	52.324	ug/l	97
23) Vinyl Acetate	5.964	43	742681	246.987	ug/l	97
24) 1,1-Dichloroethane	5.921	63	188612	48.769	ug/l	98
25) 2-Butanone	6.896	43	108645	238.233	ug/l	92
26) 2,2-Dichloropropane	6.884	77	175380	51.739	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	131176	48.649	ug/l	96
28) Bromochloromethane	7.250	49	78710	52.397	ug/l	93
29) Tetrahydrofuran	7.268	42	74155	250.360	ug/l	97
30) Chloroform	7.421	83	213787	49.835	ug/l	95
31) Cyclohexane	7.707	56	162922	49.262	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	191048	49.225	ug/l	99
36) 1,1-Dichloropropene	7.841	75	152535	52.515	ug/l	99
37) Ethyl Acetate	6.988	43	51354	49.227	ug/l	98
38) Carbon Tetrachloride	7.823	117	177821	51.233	ug/l	97
39) Methylcyclohexane	9.109	83	191858	52.488	ug/l	95
40) Benzene	8.085	78	464940	51.206	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	27509	48.239	ug/l	97
42) 1,2-Dichloroethane	8.158	62	114961	51.139	ug/l	98
43) Isopropyl Acetate	8.201	43	99358	49.595	ug/l #	85
44) Trichloroethene	8.872	130	126041	50.117	ug/l	99
45) 1,2-Dichloropropane	9.140	63	106185	52.883	ug/l	100
46) Dibromomethane	9.231	93	64642	51.428	ug/l	96
47) Bromodichloromethane	9.426	83	164870	52.505	ug/l	99
48) Methyl methacrylate	9.225	41	48686	52.569	ug/l	99
49) 1,4-Dioxane	9.231	88	12851	959.240	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	279566	266.204	ug/l	98
52) Toluene	10.170	92	308765	52.534	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	139730	51.879	ug/l	95
54) cis-1,3-Dichloropropene	9.859	75	166146	51.894	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	86024	51.235	ug/l	98
56) Ethyl methacrylate	10.444	69	98382	51.240	ug/l	97
57) 1,3-Dichloropropane	10.719	76	139755	51.922	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	244892	260.866	ug/l	98
59) 2-Hexanone	10.762	43	184175	265.883	ug/l	97
60) Dibromochloromethane	10.914	129	119101	51.236	ug/l	99
61) 1,2-Dibromoethane	11.018	107	79178	49.952	ug/l	100
64) Tetrachloroethene	10.652	164	141191	49.611	ug/l	98
65) Chlorobenzene	11.444	112	342463	50.763	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	120483	50.728	ug/l	98
67) Ethyl Benzene	11.524	91	590158	53.476	ug/l	99
68) m/p-Xylenes	11.633	106	474983	108.161	ug/l	100
69) o-Xylene	11.956	106	217056	53.627	ug/l	100
70) Styrene	11.969	104	372427	54.801	ug/l	99
71) Bromoform	12.133	173	68542	49.637	ug/l #	98
73) Isopropylbenzene	12.255	105	580456	49.188	ug/l	100
74) N-amyl acetate	12.072	43	96014	47.356	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	91552	46.015	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	121737	80.464	ug/l #	100
77) Bromobenzene	12.536	156	135686	45.503	ug/l	96
78) n-propylbenzene	12.597	91	706421	50.267	ug/l	100
79) 2-Chlorotoluene	12.682	91	399253	48.850	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	485730	49.955	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	28567	45.470	ug/l	99
82) 4-Chlorotoluene	12.779	91	420456	49.488	ug/l	99
83) tert-Butylbenzene	12.999	119	431509	49.483	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	493529	50.746	ug/l	99
85) sec-Butylbenzene	13.176	105	655908	51.401	ug/l	99
86) p-Isopropyltoluene	13.292	119	555197	51.238	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	288028	47.558	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	285010	47.516	ug/l	99
89) n-Butylbenzene	13.621	91	501602	51.791	ug/l	99
90) Hexachloroethane	13.883	117	114386	48.048	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	247770	46.905	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	14283	45.122	ug/l	88
93) 1,2,4-Trichlorobenzene	14.925	180	137156	45.820	ug/l	99
94) Hexachlorobutadiene	15.023	225	84556	45.912	ug/l	100
95) Naphthalene	15.145	128	221642	44.574	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	117493	45.471	ug/l	98

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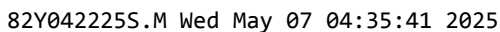
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

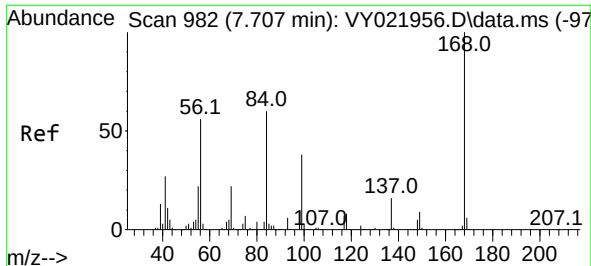
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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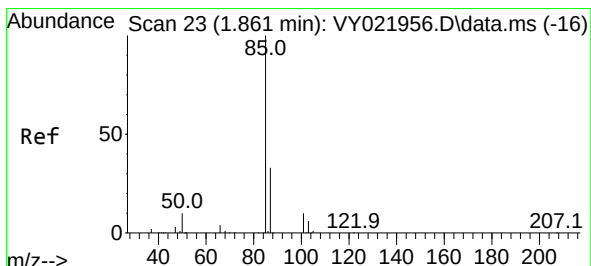
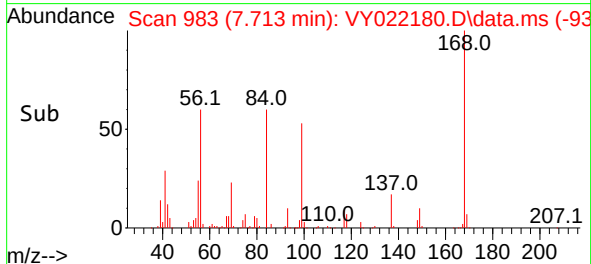
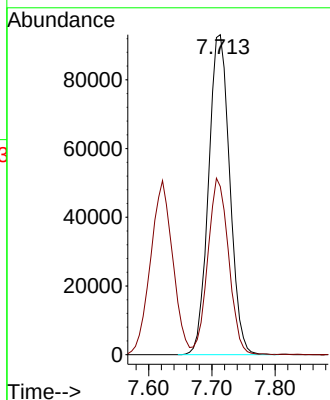
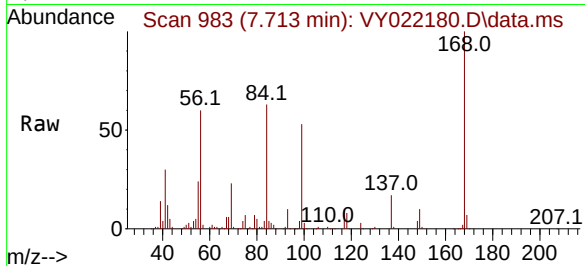




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
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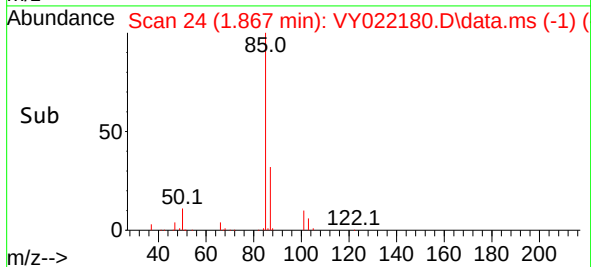
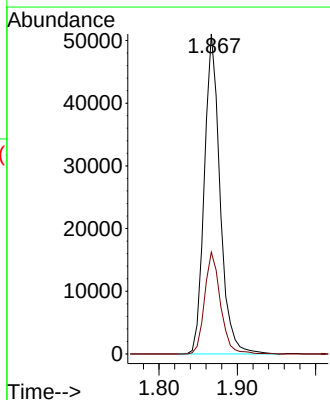
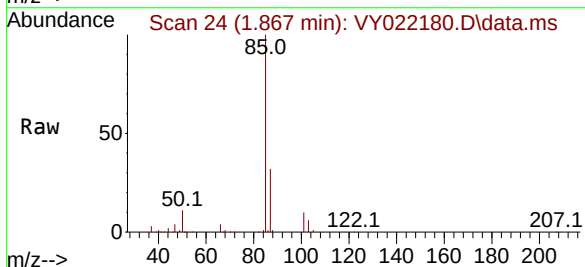
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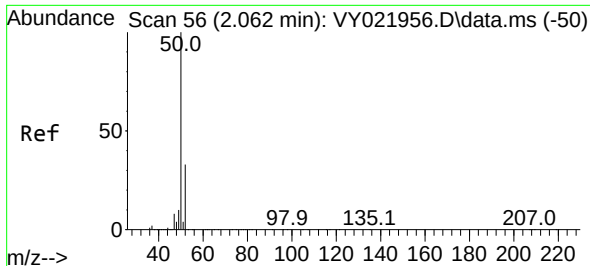
Tgt Ion:168 Resp: 216598
Ion Ratio Lower Upper
168 100
99 52.5 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 38.504 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 85 Resp: 71063
Ion Ratio Lower Upper
85 100
87 31.8 16.6 49.7

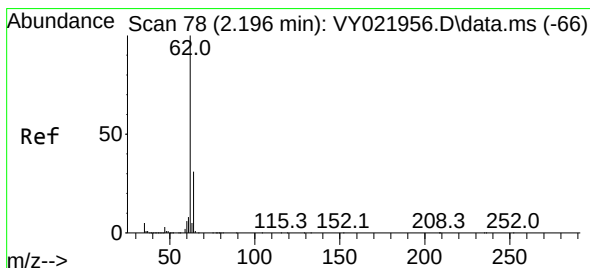
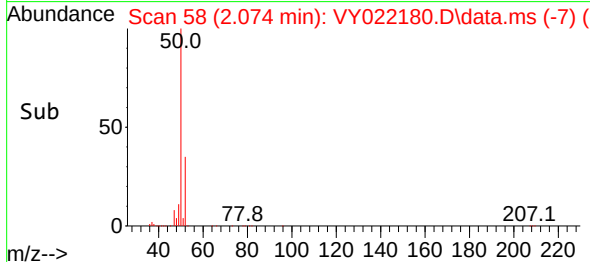
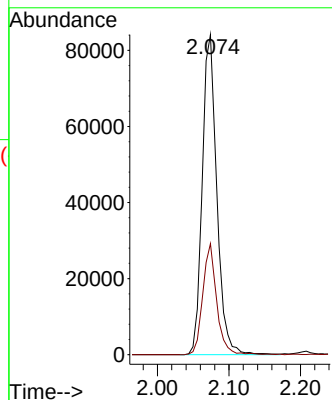
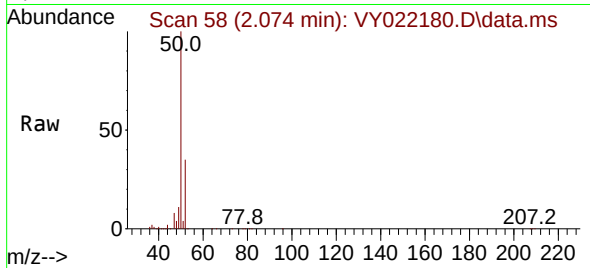




#3
Chloromethane
Concen: 45.290 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

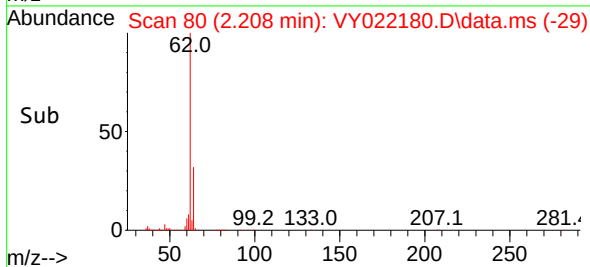
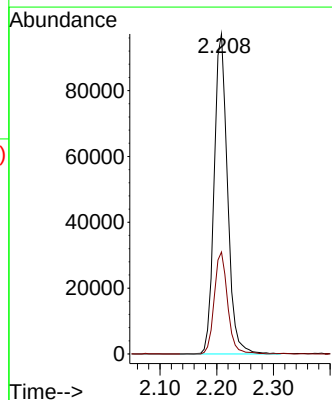
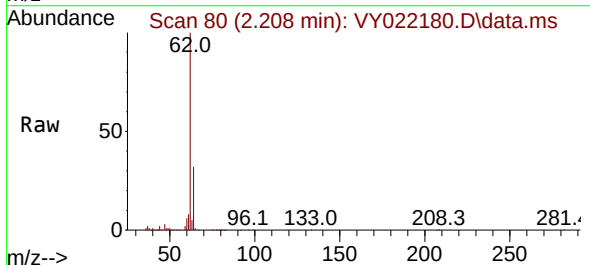
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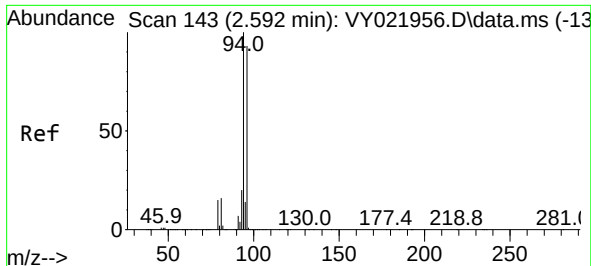
Tgt Ion: 50 Resp: 119021
Ion Ratio Lower Upper
50 100
52 34.7 26.1 39.1



#4
Vinyl Chloride
Concen: 49.201 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 62 Resp: 158889
Ion Ratio Lower Upper
62 100
64 31.8 25.1 37.7

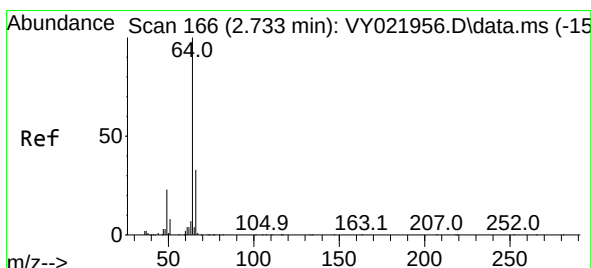
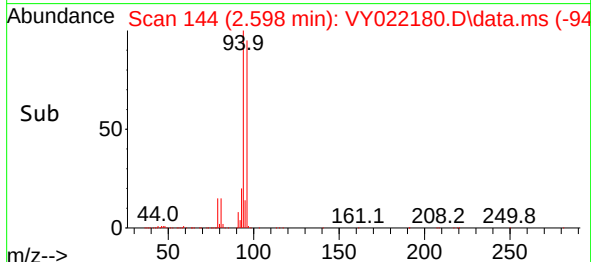
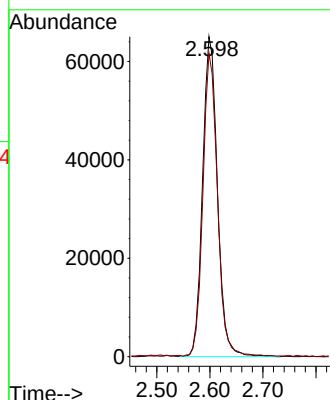
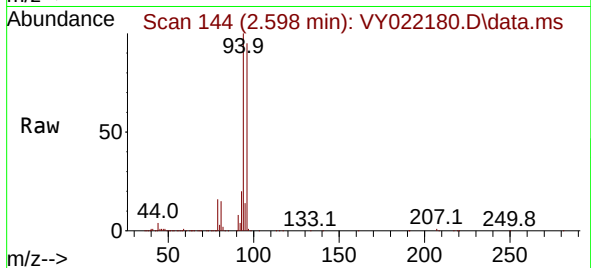




#5
Bromomethane
Concen: 45.450 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

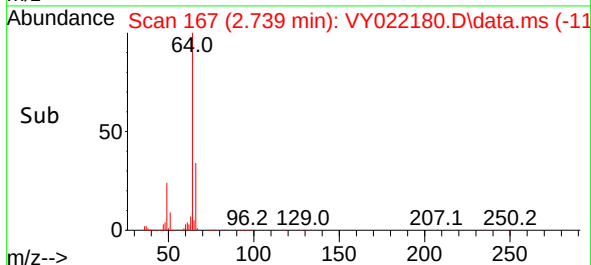
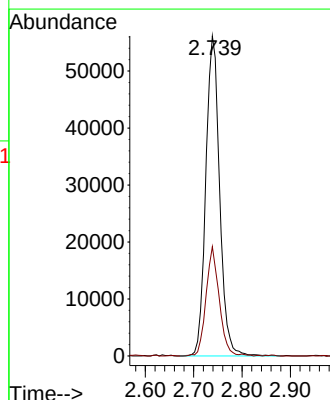
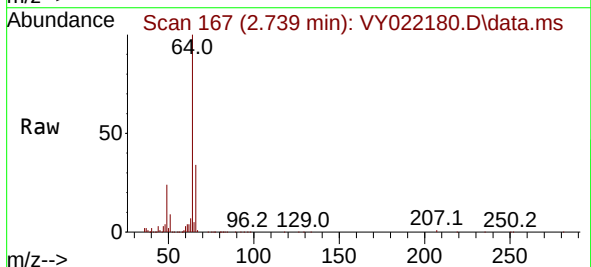
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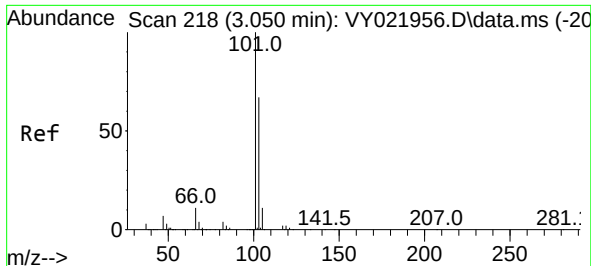
Tgt Ion: 94 Resp: 126455
Ion Ratio Lower Upper
94 100
96 94.5 74.6 111.8



#6
Chloroethane
Concen: 50.780 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 64 Resp: 111684
Ion Ratio Lower Upper
64 100
66 34.2 26.2 39.4

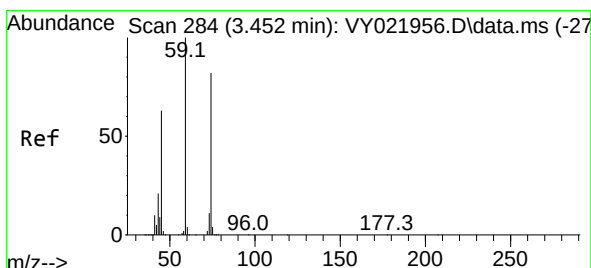
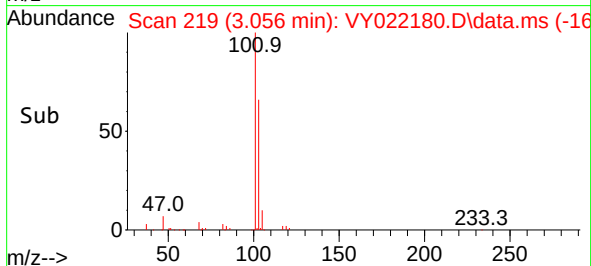
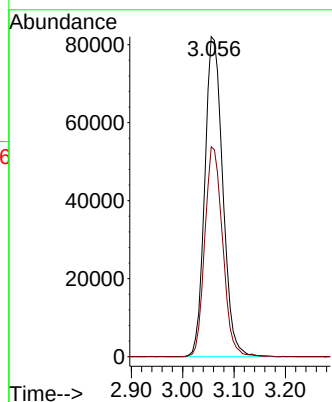
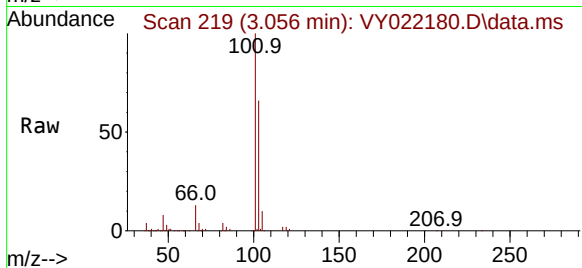




#7
Trichlorofluoromethane
Concen: 46.804 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022180.D
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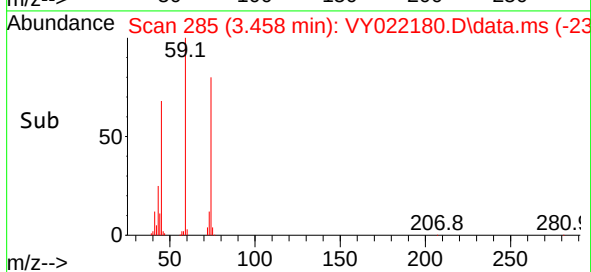
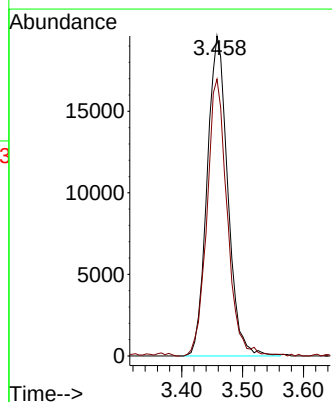
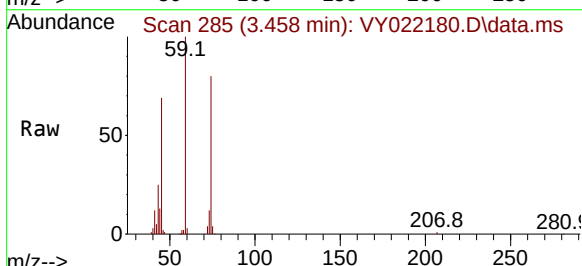
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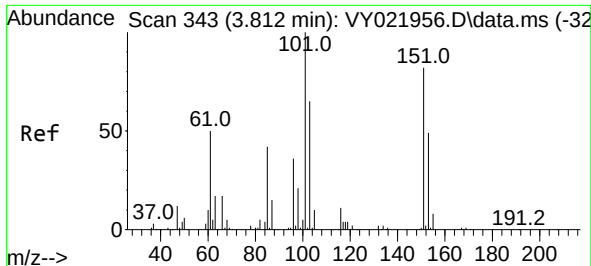
Tgt Ion:101 Resp: 199313
Ion Ratio Lower Upper
101 100
103 65.6 53.6 80.4



#8
Diethyl Ether
Concen: 41.652 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 74 Resp: 46166
Ion Ratio Lower Upper
74 100
45 84.9 39.1 117.5

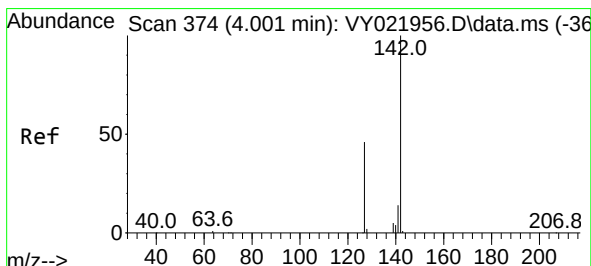
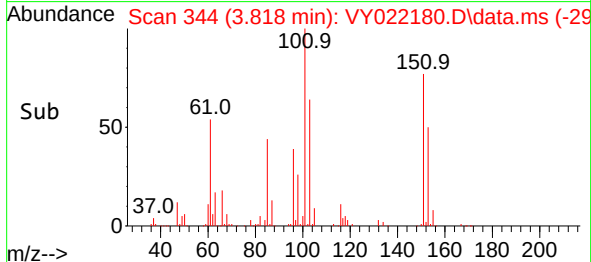
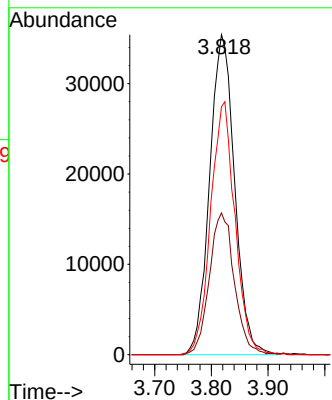
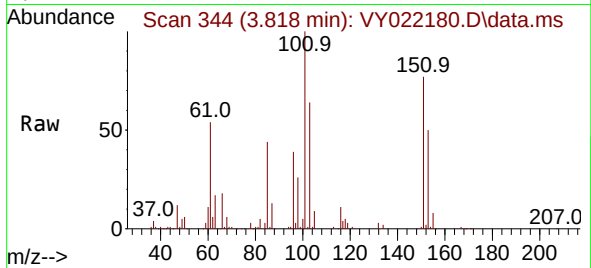




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.006 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
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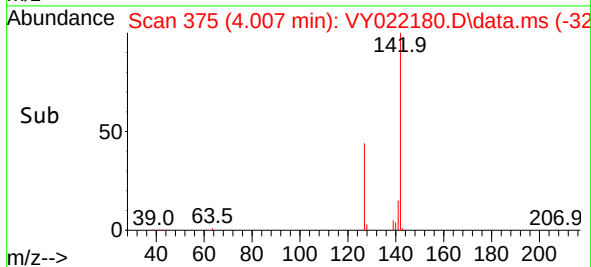
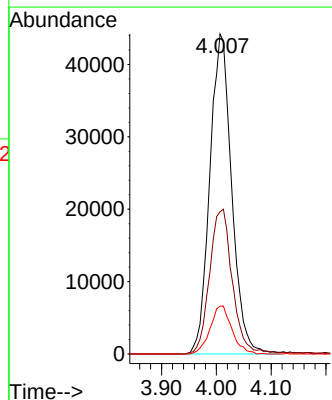
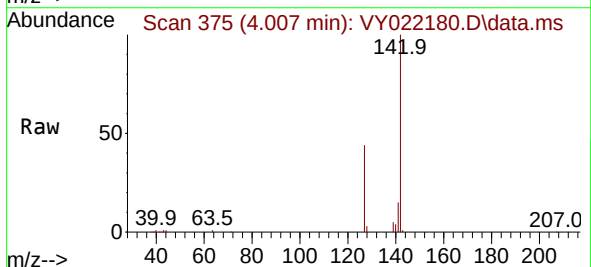
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

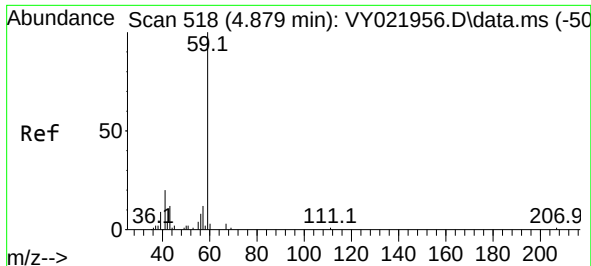
Tgt Ion:101 Resp: 108587
Ion Ratio Lower Upper
101 100
85 44.3 34.6 51.8
151 77.0 63.7 95.5



#10
Methyl Iodide
Concen: 45.792 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion:142 Resp: 122475
Ion Ratio Lower Upper
142 100
127 47.2 36.2 54.2
141 14.9 11.7 17.5

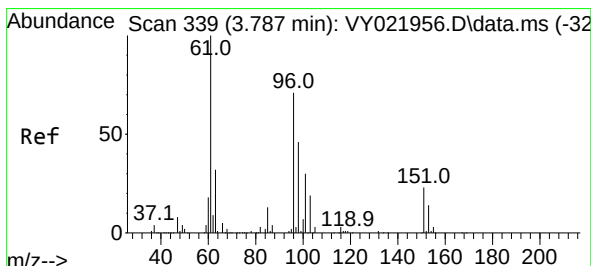
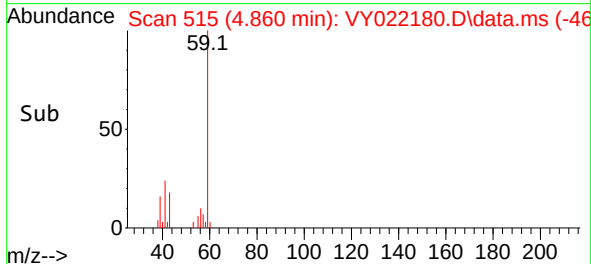
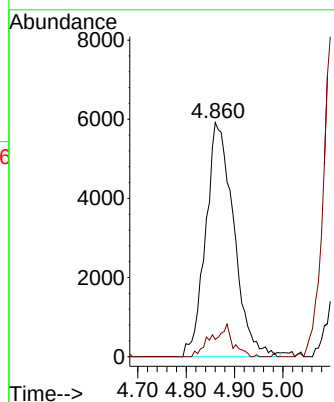
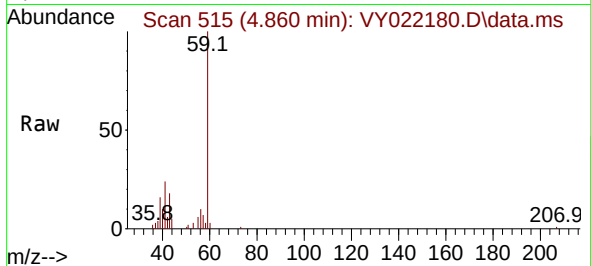




#11
Tert butyl alcohol
Concen: 217.498 ug/l
RT: 4.860 min Scan# 518
Delta R.T. -0.018 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

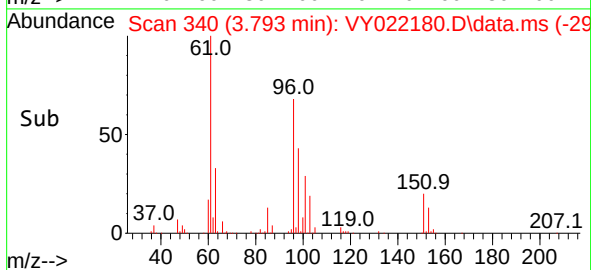
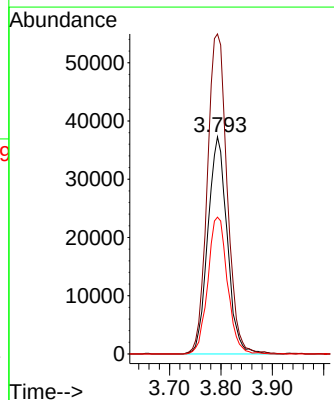
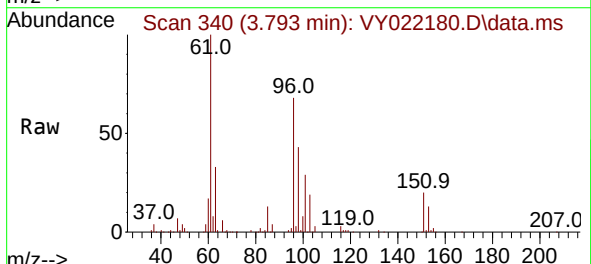
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

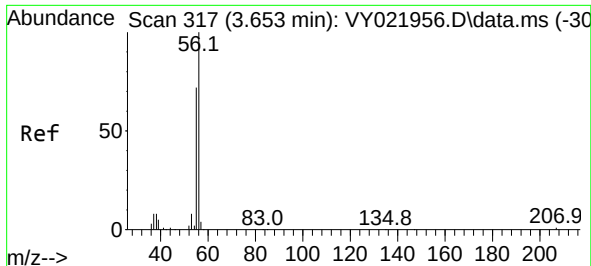
Tgt Ion: 59 Resp: 23889
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 45.258 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 96 Resp: 97450
Ion Ratio Lower Upper
96 100
61 147.4 113.0 169.4
98 63.0 51.4 77.2

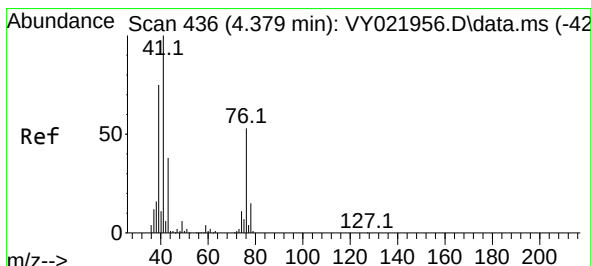
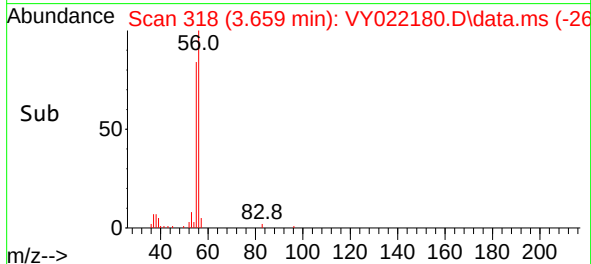
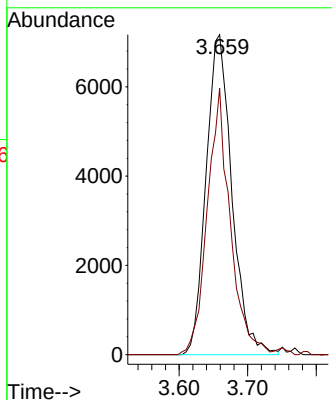
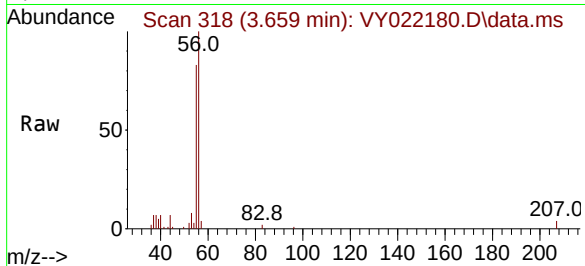




#13
Acrolein
Concen: 95.377 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

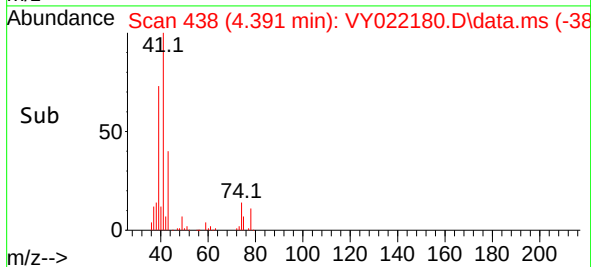
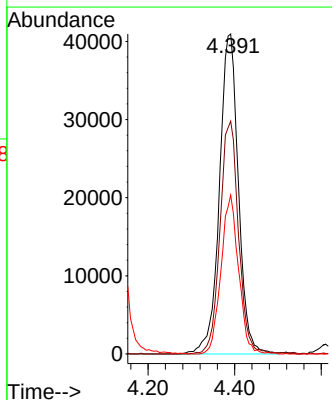
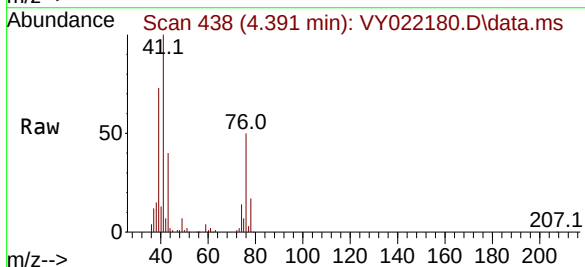
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

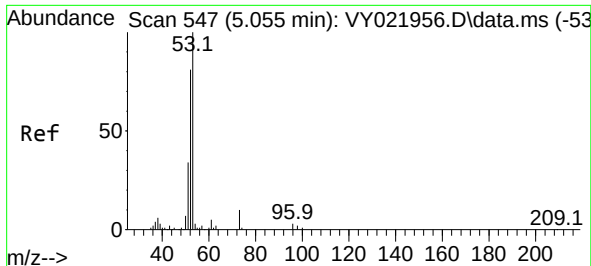
Tgt Ion: 56 Resp: 18802
Ion Ratio Lower Upper
56 100
55 73.9 57.4 86.0



#14
Allyl chloride
Concen: 49.813 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 41 Resp: 124889
Ion Ratio Lower Upper
41 100
39 71.2 57.2 85.8
76 45.7 39.7 59.5

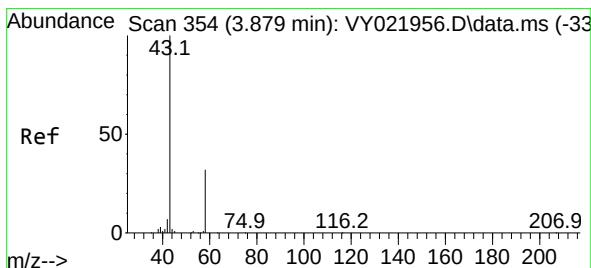
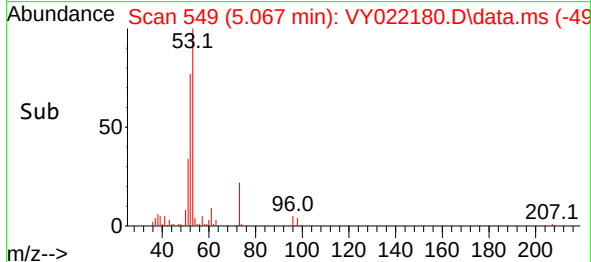
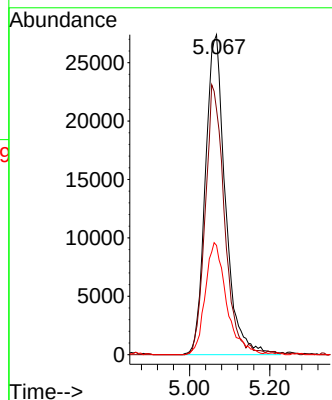
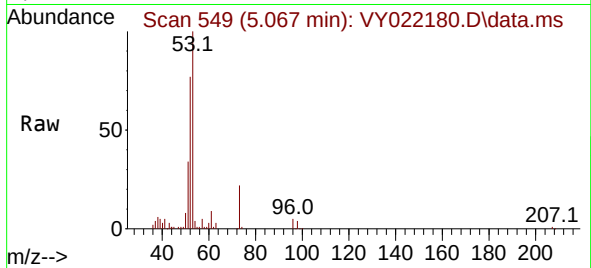




#15
Acrylonitrile
Concen: 234.116 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

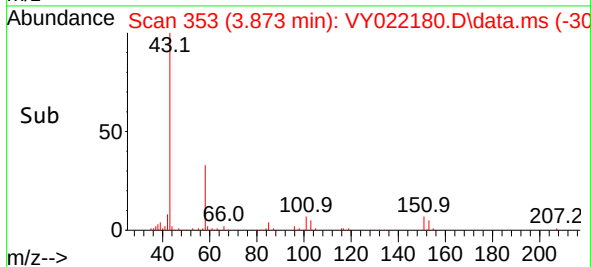
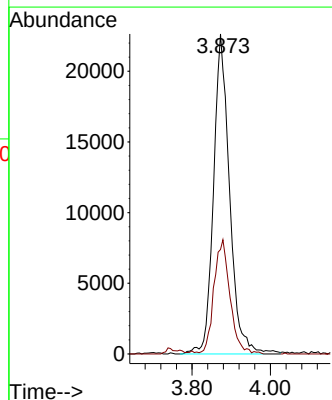
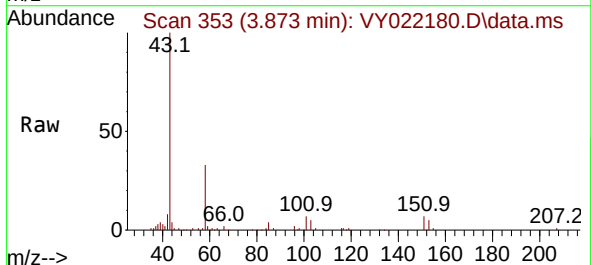
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

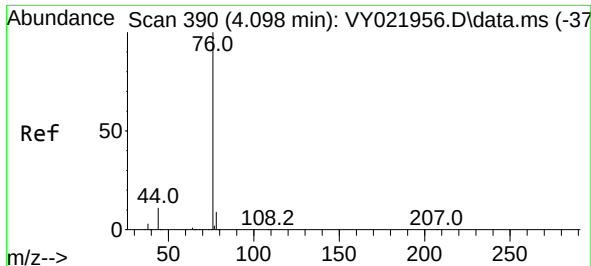
Tgt Ion: 53 Resp: 94997
Ion Ratio Lower Upper
53 100
52 80.8 65.0 97.6
51 37.3 28.9 43.3



#16
Acetone
Concen: 246.254 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 43 Resp: 64571
Ion Ratio Lower Upper
43 100
58 32.7 27.0 40.4

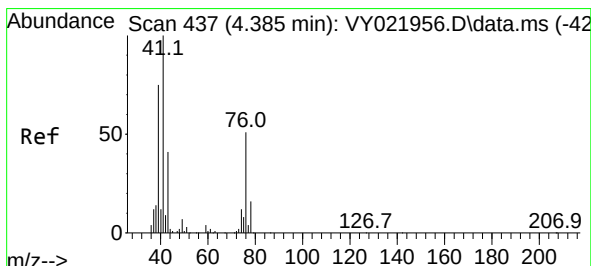
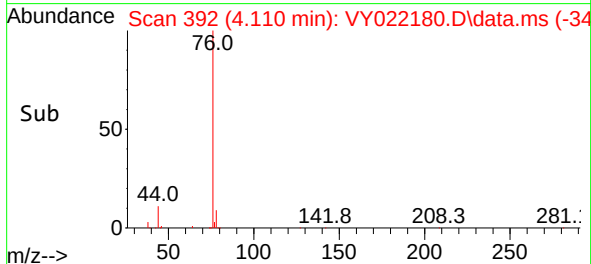
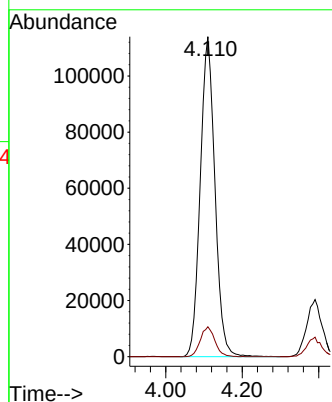
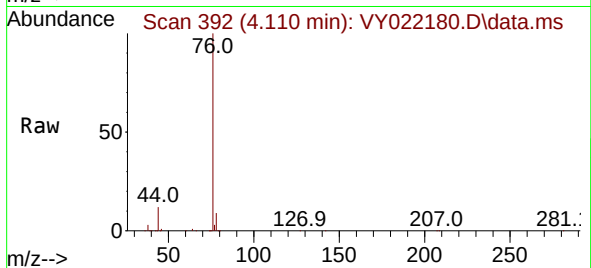




#17
Carbon Disulfide
Concen: 44.184 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

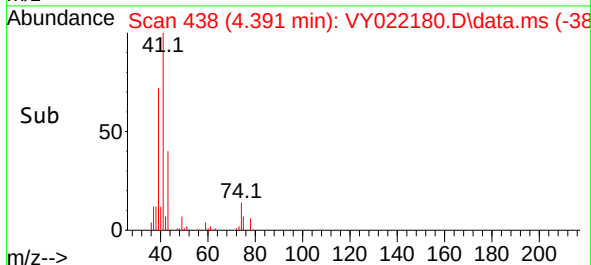
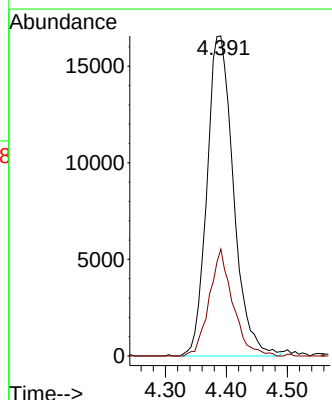
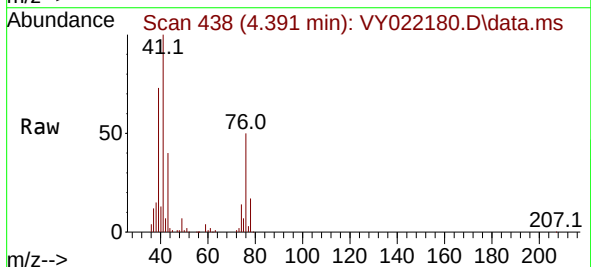
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

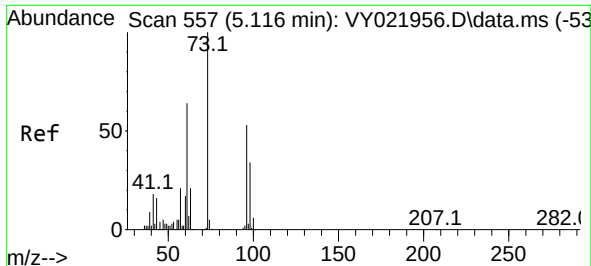
Tgt Ion: 76 Resp: 303346
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 53.673 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 43 Resp: 50161
Ion Ratio Lower Upper
43 100
74 29.7 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 47.101 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

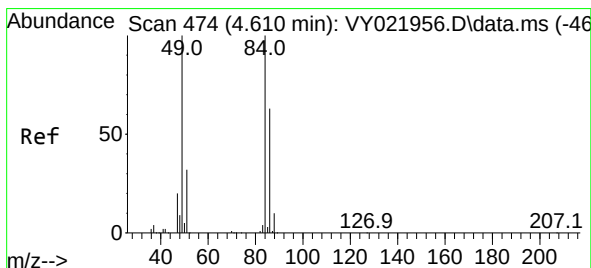
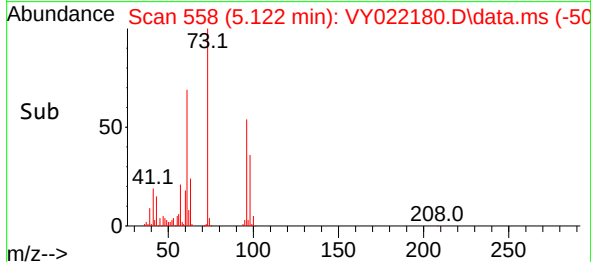
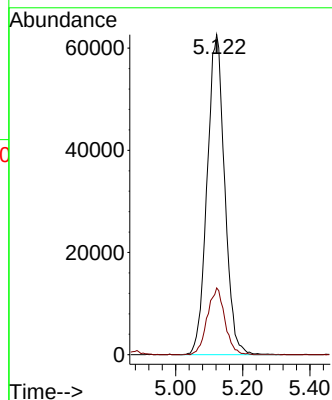
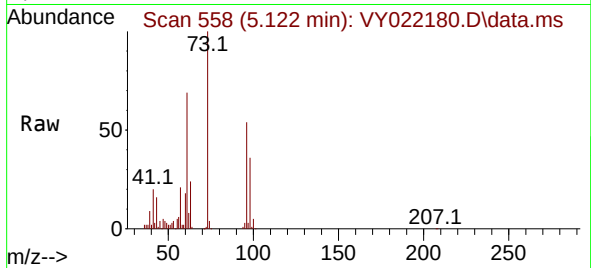
VSTDCCC050EC

Tgt Ion: 73 Resp: 226997

Ion Ratio Lower Upper

73 100

57 20.8 16.9 25.3



#20

Methylene Chloride

Concen: 44.960 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.012 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Tgt Ion: 84 Resp: 113740

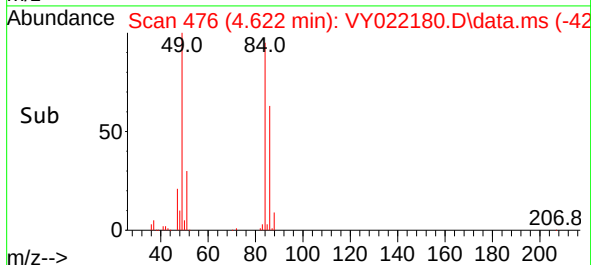
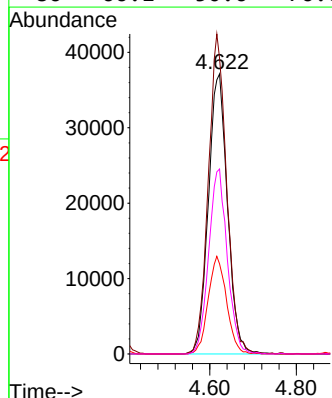
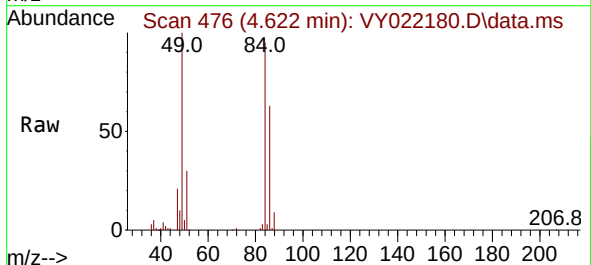
Ion Ratio Lower Upper

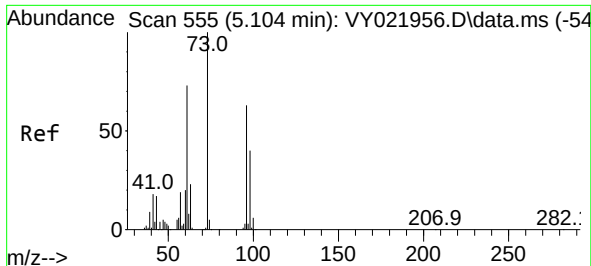
84 100

49 105.5 79.9 119.9

51 32.2 25.4 38.0

86 66.1 50.6 76.0

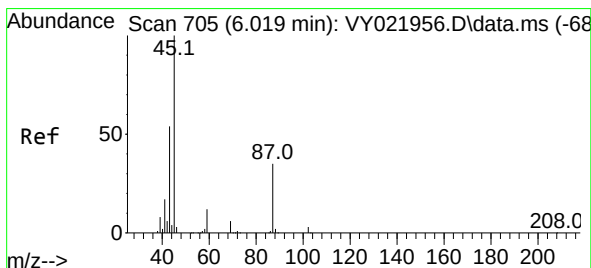
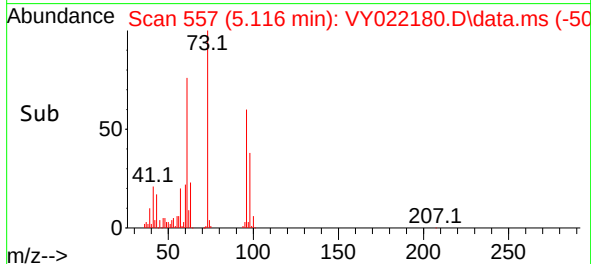
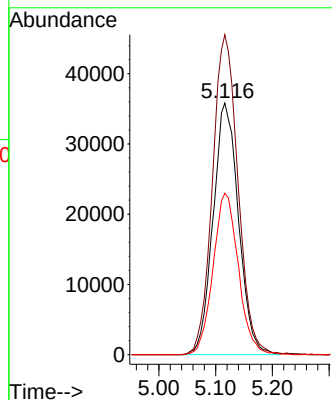
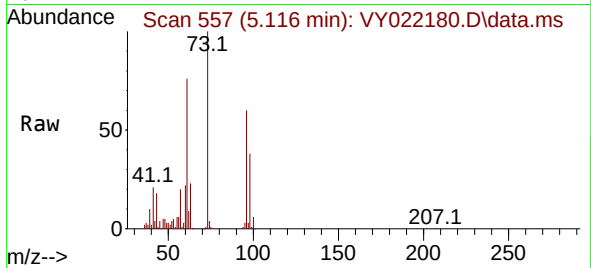




#21
trans-1,2-Dichloroethene
Concen: 46.251 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

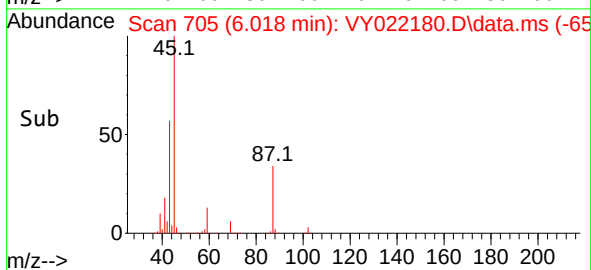
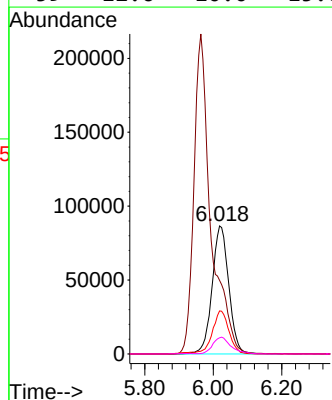
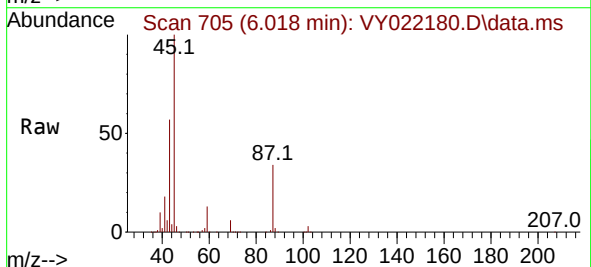
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

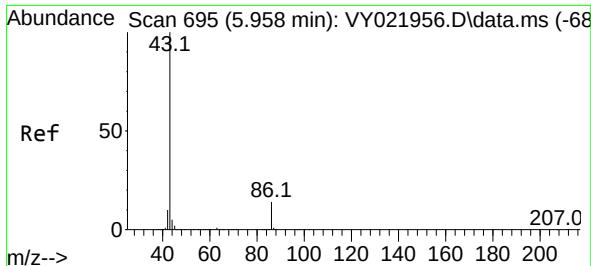
Tgt Ion: 96 Resp: 111533
Ion Ratio Lower Upper
96 100
61 127.2 92.6 138.8
98 64.2 50.2 75.4



#22
Diisopropyl ether
Concen: 52.324 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 45 Resp: 291943
Ion Ratio Lower Upper
45 100
43 57.2 43.6 65.4
87 33.6 28.2 42.4
59 12.6 10.0 15.0

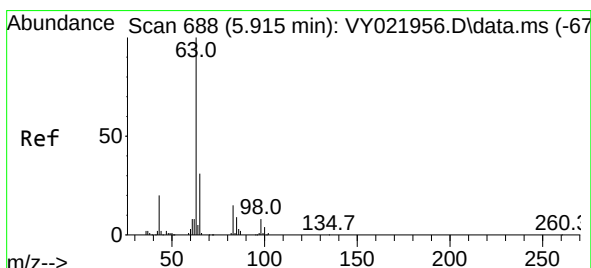
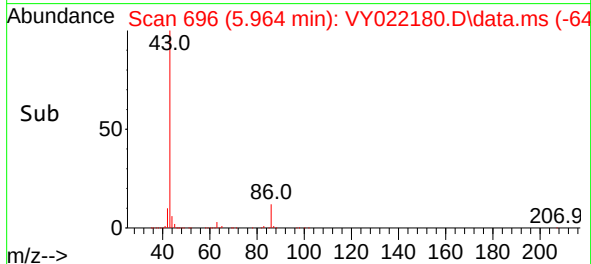
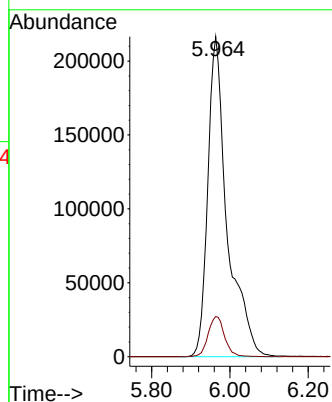
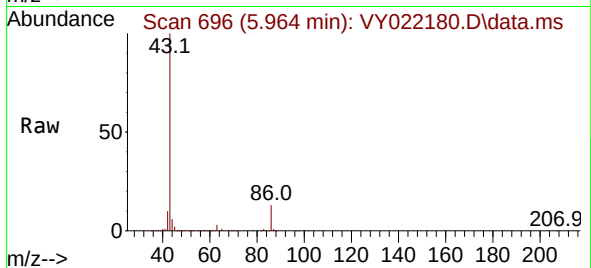




#23
 Vinyl Acetate
 Concen: 246.987 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022180.D
 Acq: 06 May 2025 14:42

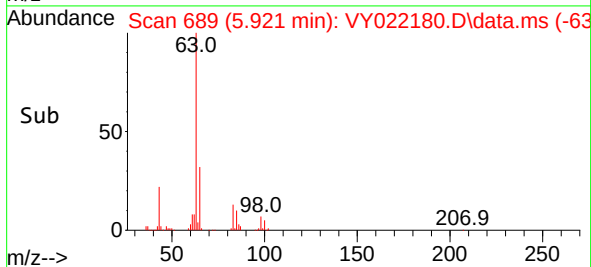
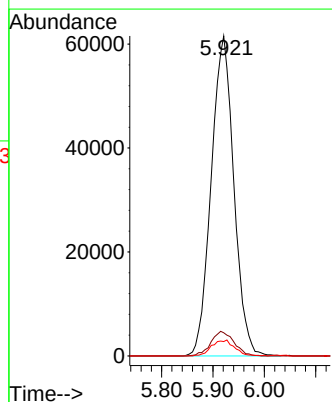
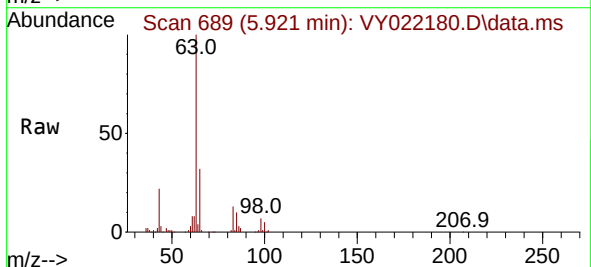
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

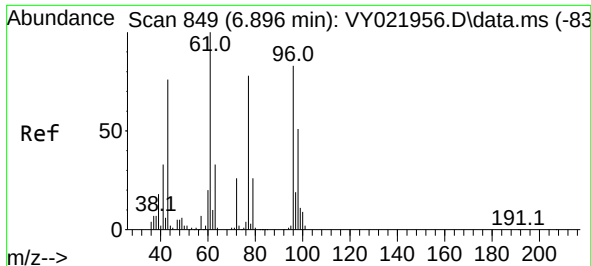
Tgt Ion: 43 Resp: 742681
 Ion Ratio Lower Upper
 43 100
 86 12.6 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 48.769 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY022180.D
 Acq: 06 May 2025 14:42

Tgt Ion: 63 Resp: 188612
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.0 11.9
 100 4.5 2.0 6.0

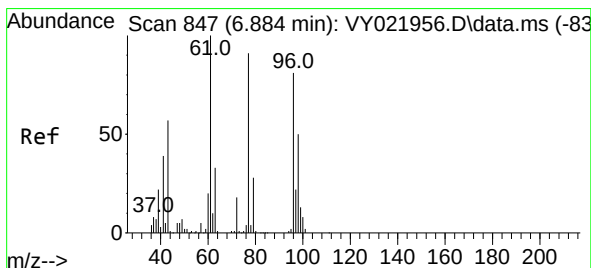
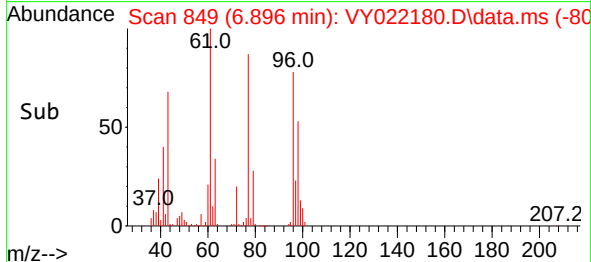
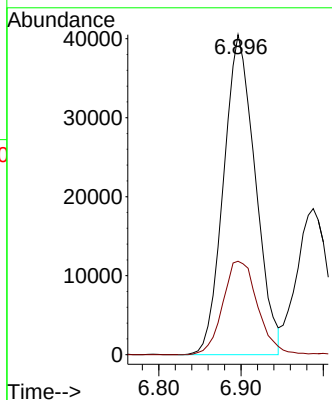
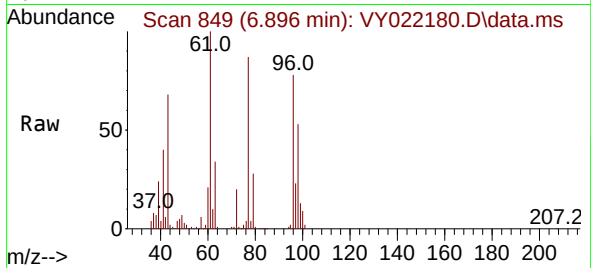




#25
2-Butanone
Concen: 238.233 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

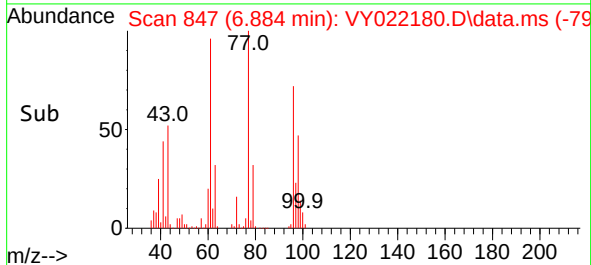
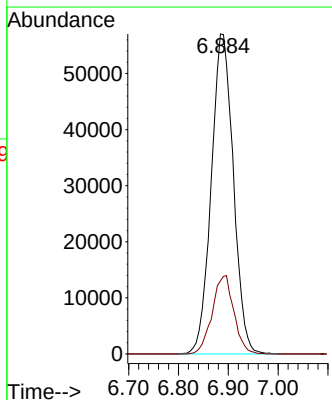
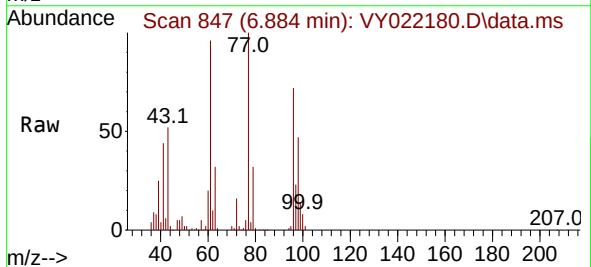
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

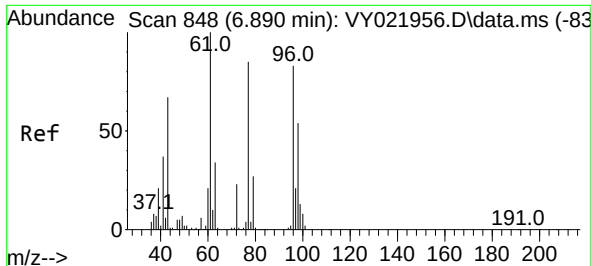
Tgt Ion: 43 Resp: 108645
Ion Ratio Lower Upper
43 100
72 29.2 27.0 40.4



#26
2,2-Dichloropropane
Concen: 51.739 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 77 Resp: 175380
Ion Ratio Lower Upper
77 100
97 24.0 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 48.649 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

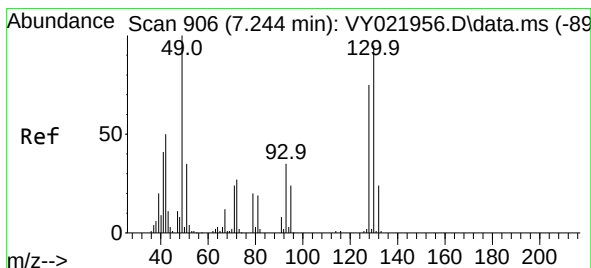
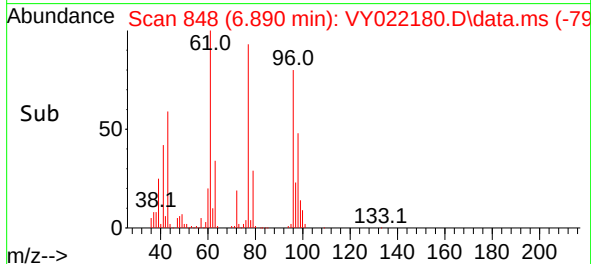
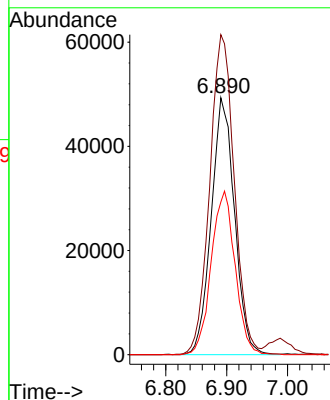
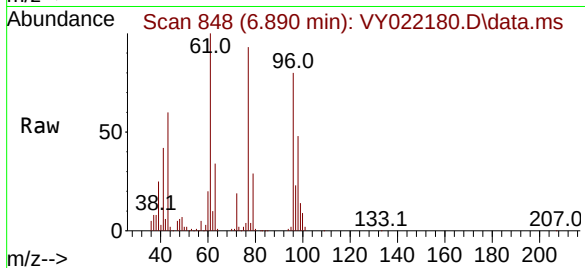
Tgt Ion: 96 Resp: 131176

Ion Ratio Lower Upper

96 100

61 131.2 0.0 251.4

98 65.5 0.0 128.4



#28

Bromochloromethane

Concen: 52.397 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

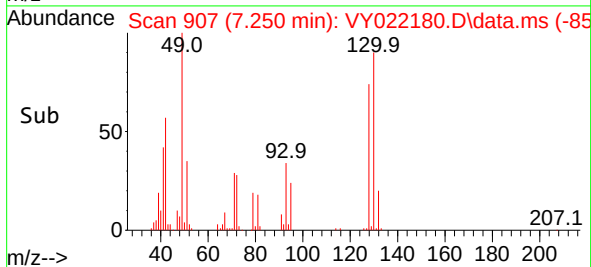
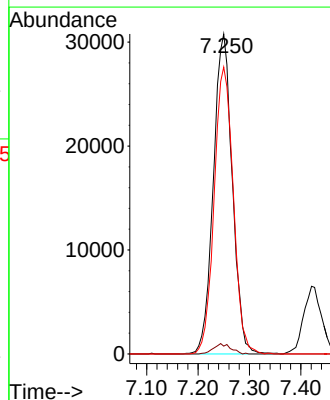
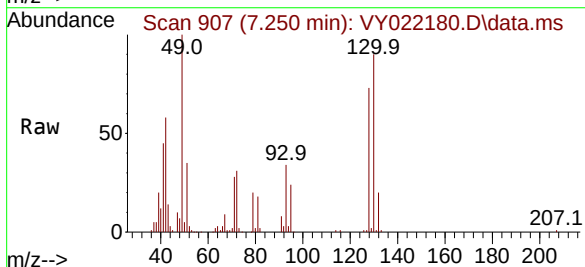
Tgt Ion: 49 Resp: 78710

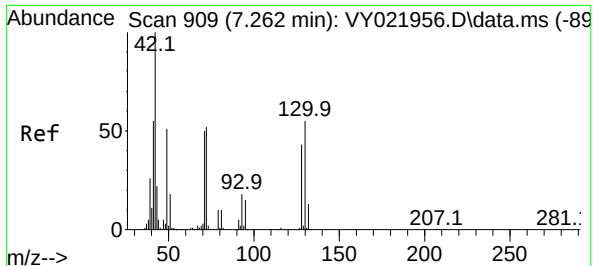
Ion Ratio Lower Upper

49 100

129 2.9 0.0 5.0

130 90.5 78.2 117.4





#29

Tetrahydrofuran

Concen: 250.360 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

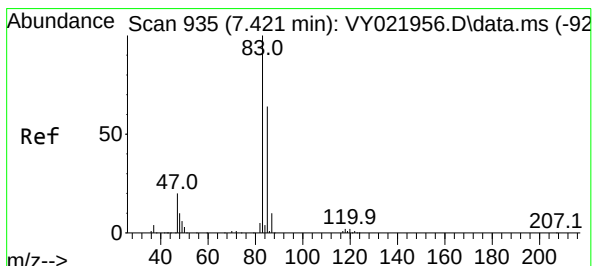
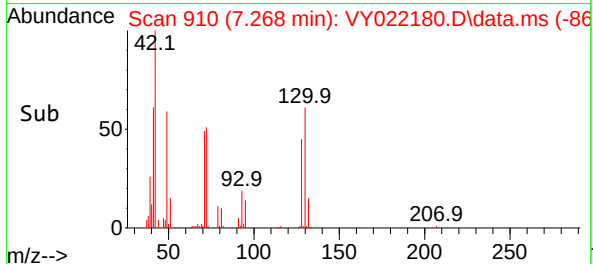
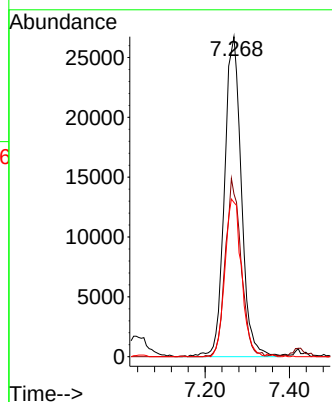
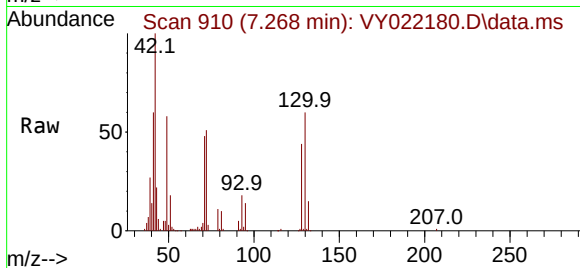
Tgt Ion: 42 Resp: 74155

Ion Ratio Lower Upper

42 100

72 51.8 42.6 63.8

71 48.4 40.6 61.0



#30

Chloroform

Concen: 49.835 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022180.D

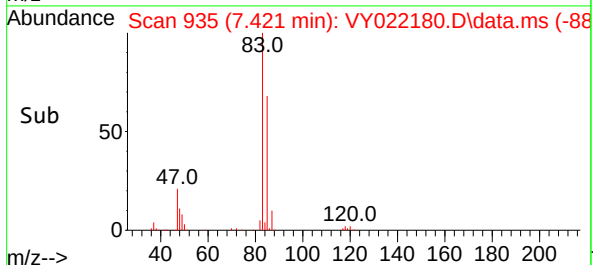
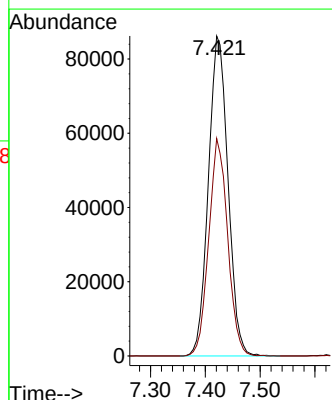
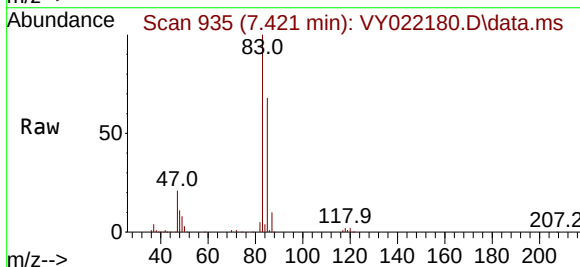
Acq: 06 May 2025 14:42

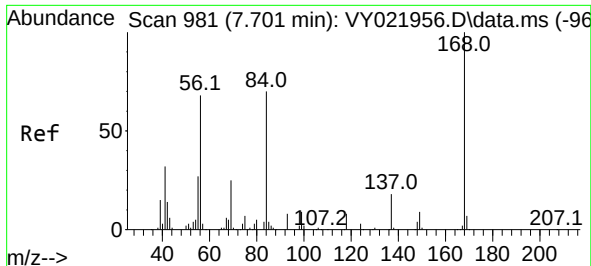
Tgt Ion: 83 Resp: 213787

Ion Ratio Lower Upper

83 100

85 68.0 51.3 76.9

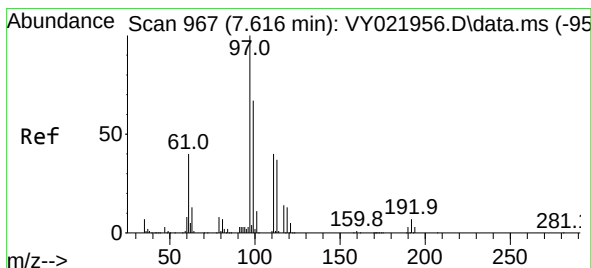
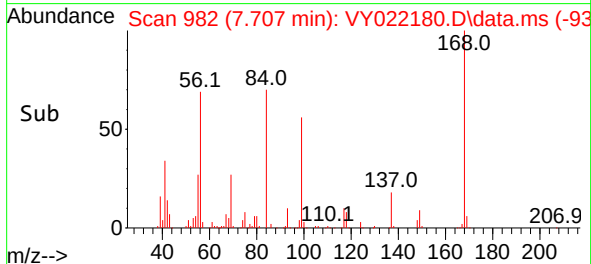
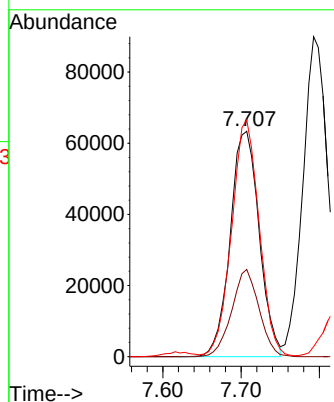
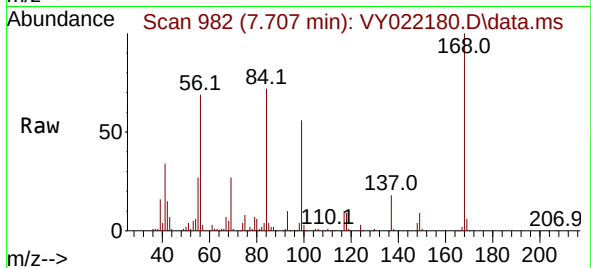




#31
Cyclohexane
Concen: 49.262 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

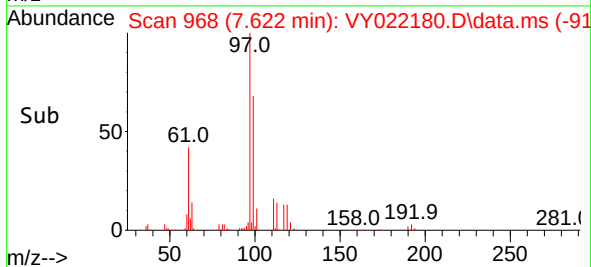
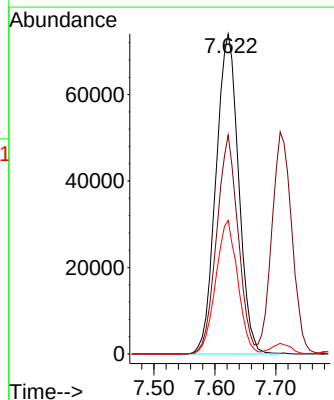
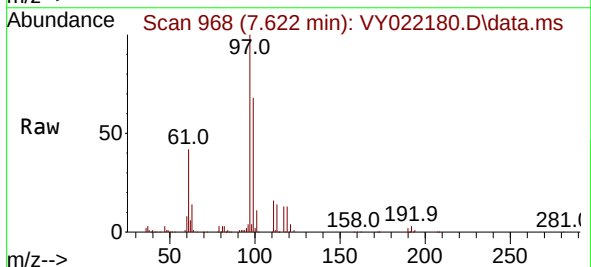
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

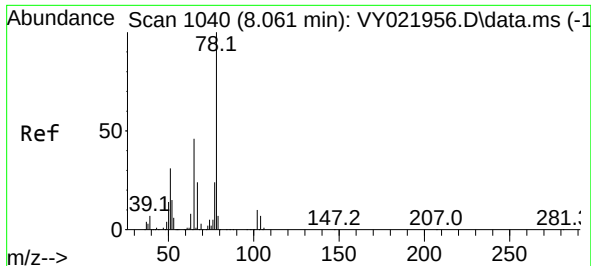
Tgt Ion: 56 Resp: 162922
Ion Ratio Lower Upper
56 100
69 38.7 29.4 44.2
84 103.4 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 49.225 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 97 Resp: 191048
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 40.7 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 19.347 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

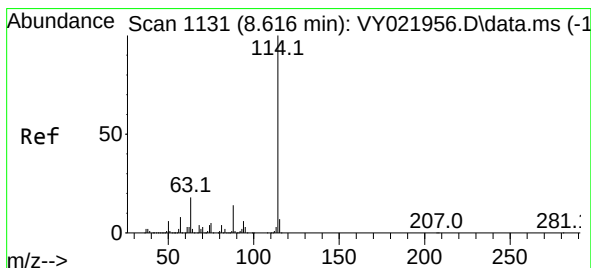
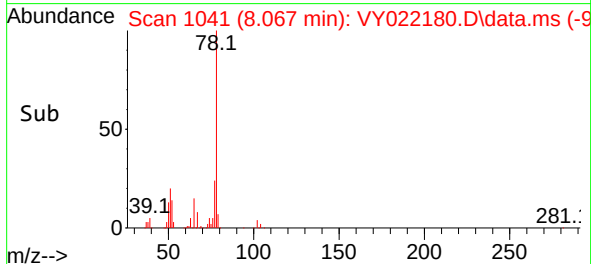
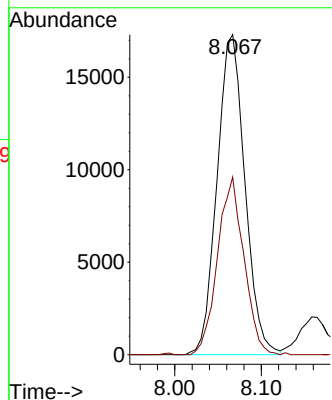
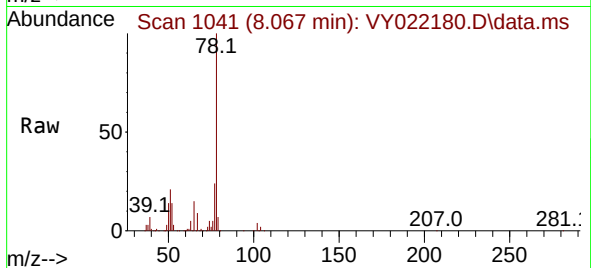
VSTDCCC050EC

Tgt Ion: 65 Resp: 38707

Ion Ratio Lower Upper

65 100

67 52.5 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: VY022180.D

Acq: 06 May 2025 14:42

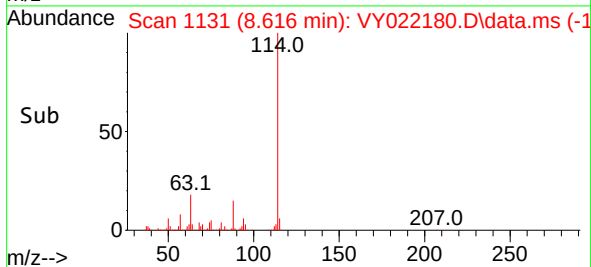
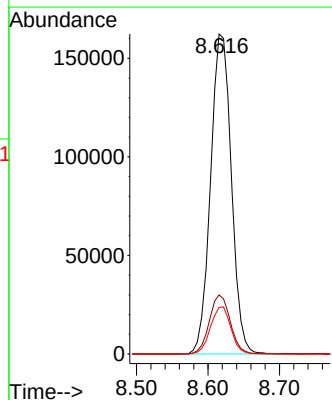
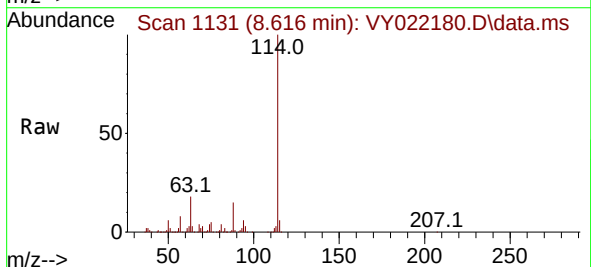
Tgt Ion: 114 Resp: 327306

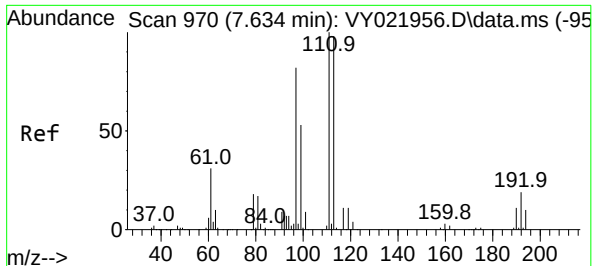
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.4

88 14.6 0.0 28.2

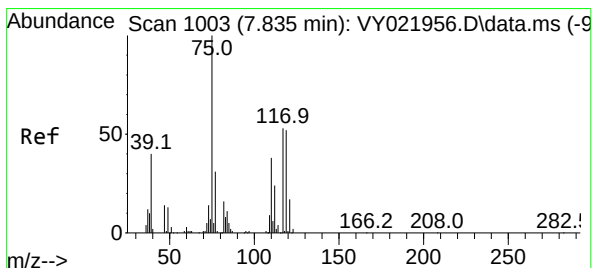
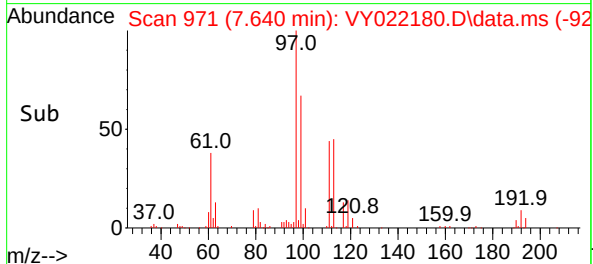
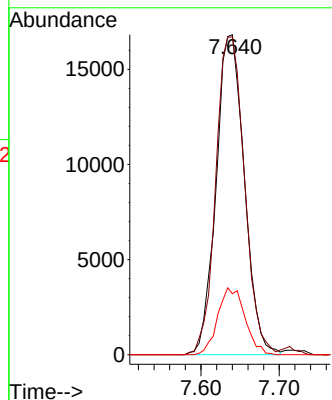
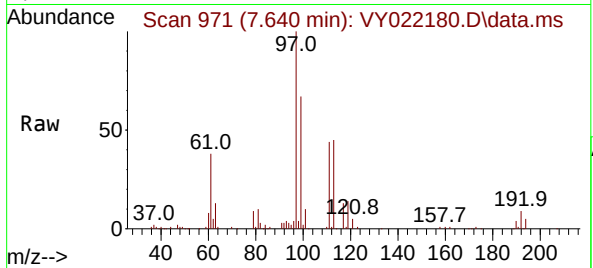




#35
Dibromofluoromethane
Concen: 19.482 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

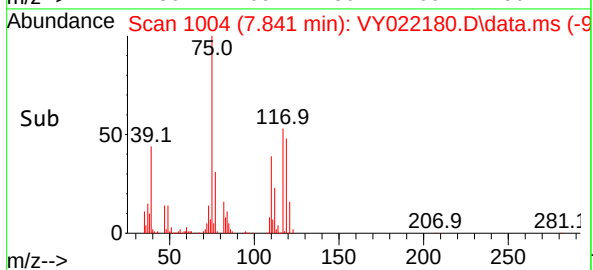
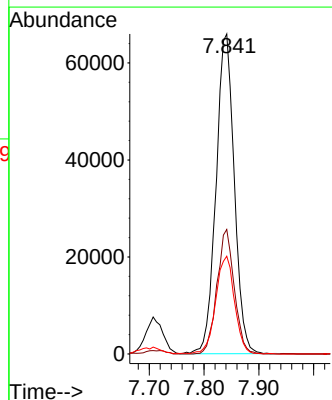
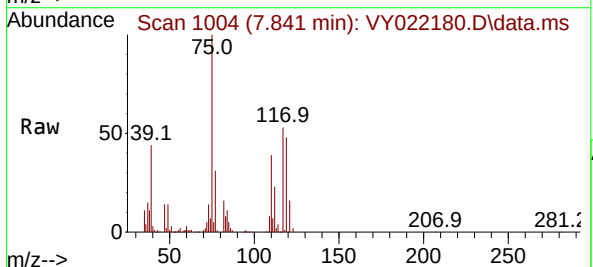
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

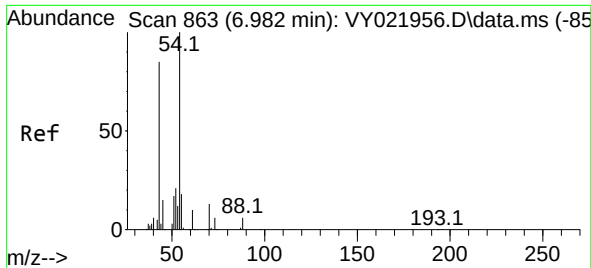
Tgt Ion:113 Resp: 42127
Ion Ratio Lower Upper
113 100
111 100.5 81.8 122.8
192 20.2 15.6 23.4



#36
1,1-Dichloropropene
Concen: 52.515 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 75 Resp: 152535
Ion Ratio Lower Upper
75 100
110 37.0 19.1 57.3
77 31.5 25.5 38.3

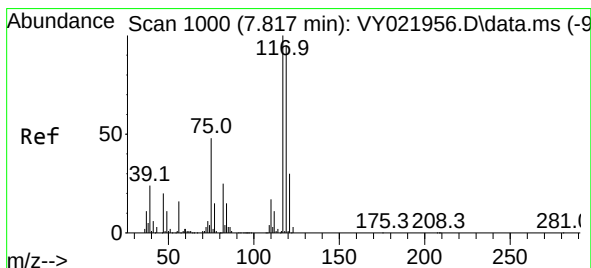
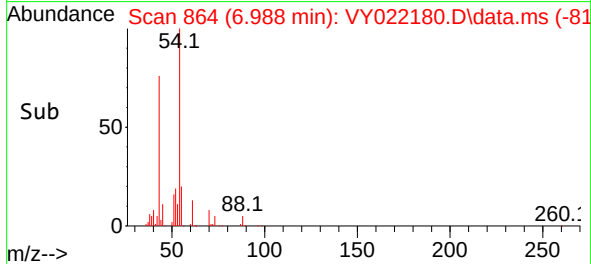
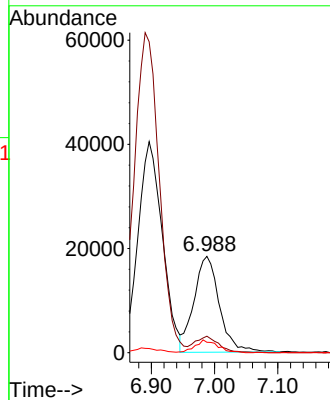
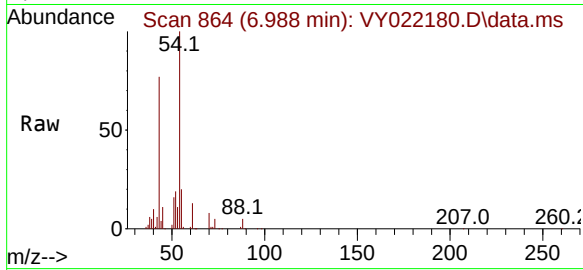




#37
Ethyl Acetate
Concen: 49.227 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

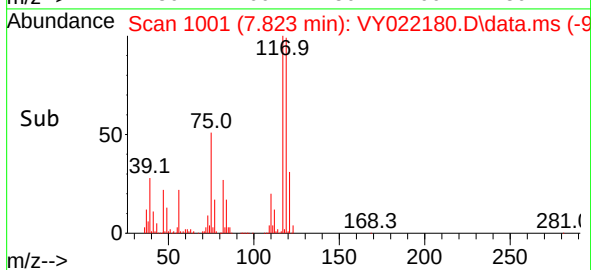
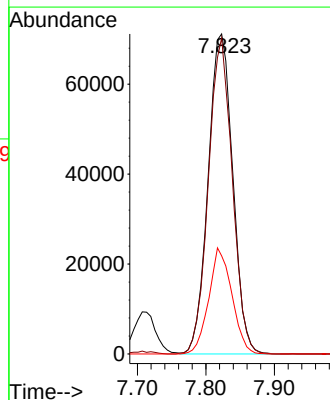
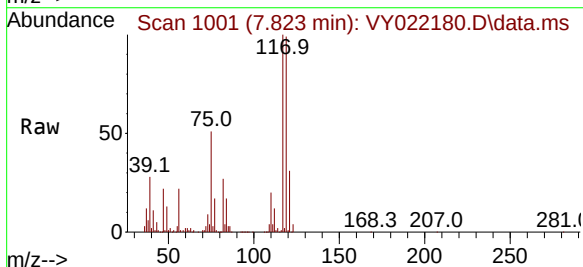
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

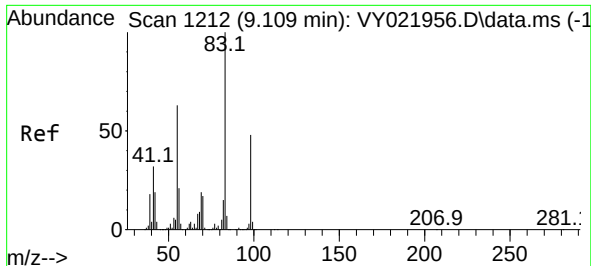
Tgt Ion: 43 Resp: 51354
Ion Ratio Lower Upper
43 100
61 16.0 13.8 20.6
70 11.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 51.233 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 117 Resp: 177821
Ion Ratio Lower Upper
117 100
119 98.8 76.2 114.4
121 30.7 24.0 36.0





#39

Methylcyclohexane

Concen: 52.488 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

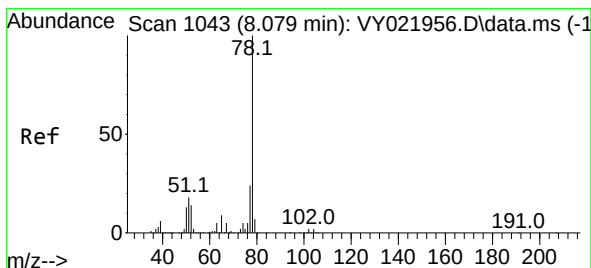
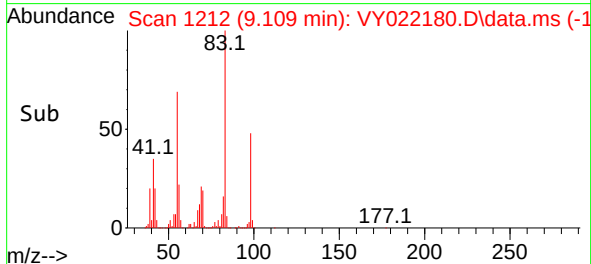
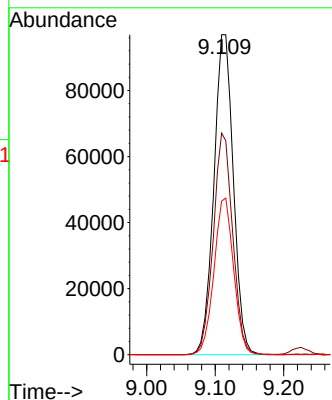
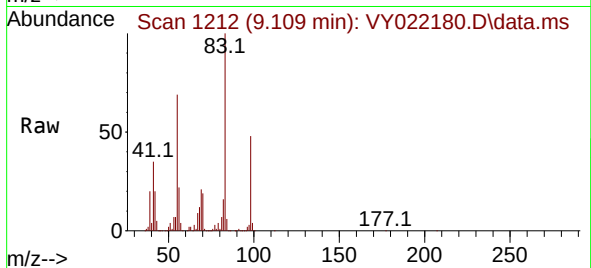
Tgt Ion: 83 Resp: 191858

Ion Ratio Lower Upper

83 100

55 69.3 50.6 75.8

98 48.0 38.6 58.0



#40

Benzene

Concen: 51.206 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY022180.D

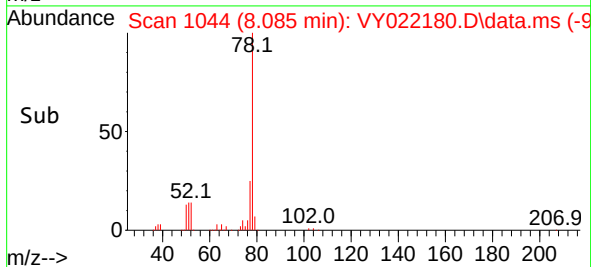
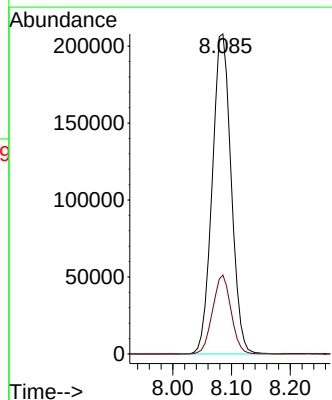
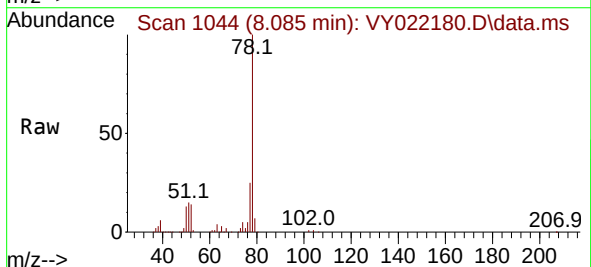
Acq: 06 May 2025 14:42

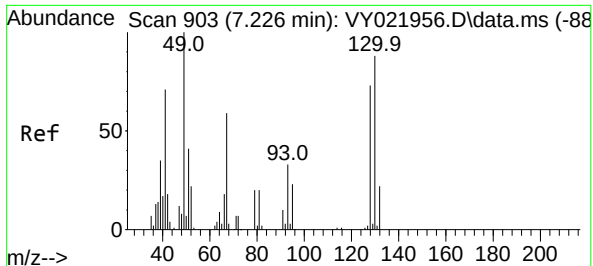
Tgt Ion: 78 Resp: 464940

Ion Ratio Lower Upper

78 100

77 24.6 19.3 28.9

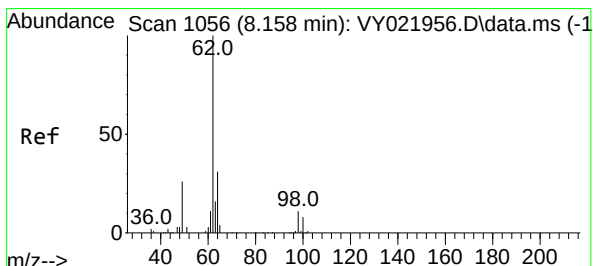
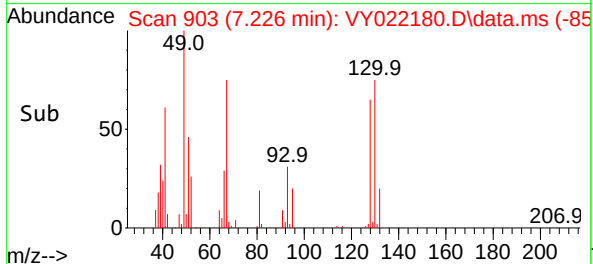
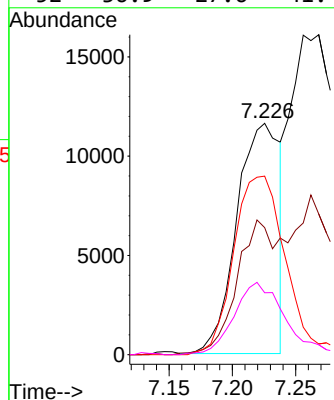
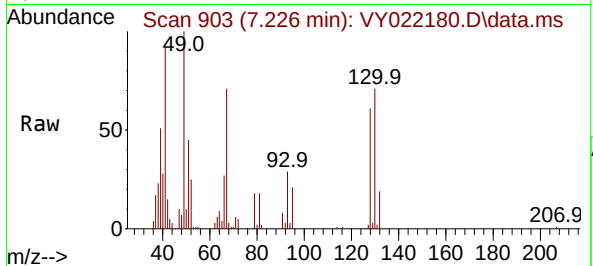




#41
Methacrylonitrile
Concen: 48.239 ug/l
RT: 7.226 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

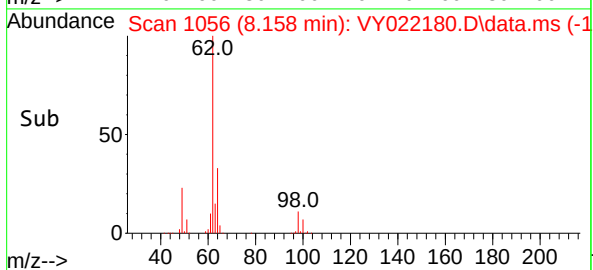
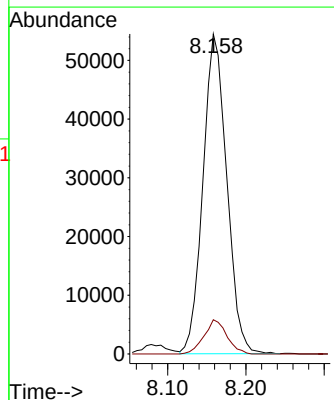
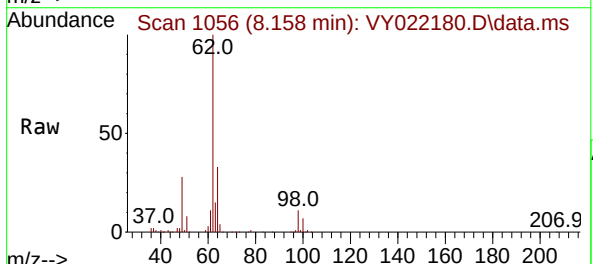
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

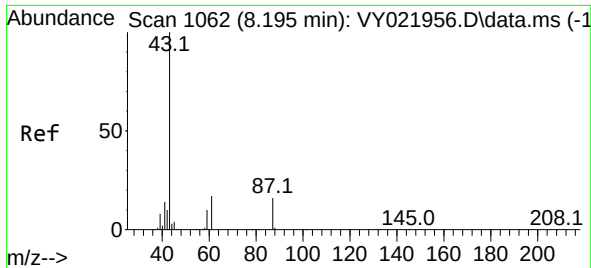
Tgt Ion:	41	Resp:	27509
Ion	Ratio	Lower	Upper
41	100		
39	47.7	36.6	55.0
67	93.0	72.2	108.4
52	36.9	27.6	41.4



#42
1,2-Dichloroethane
Concen: 51.139 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion:	62	Resp:	114961
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	22.0

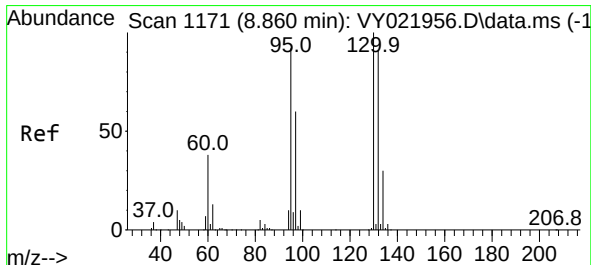
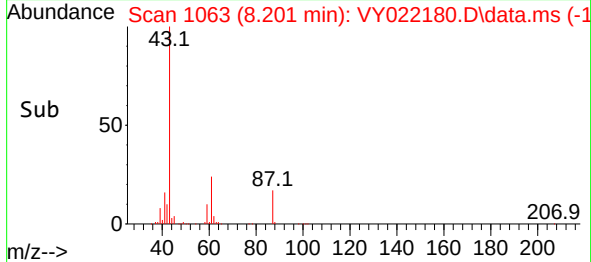
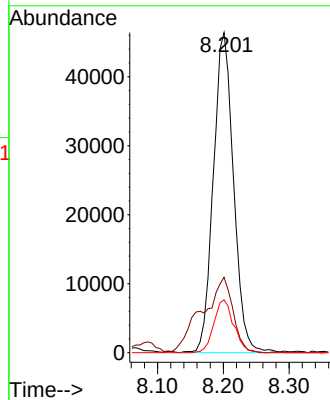
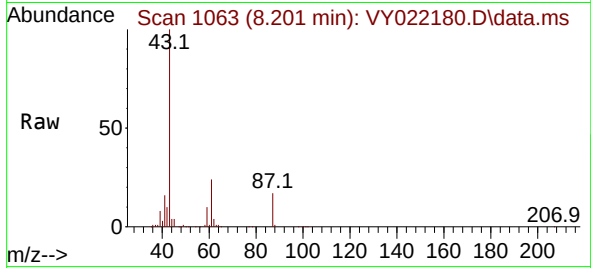




#43
Isopropyl Acetate
Concen: 49.595 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

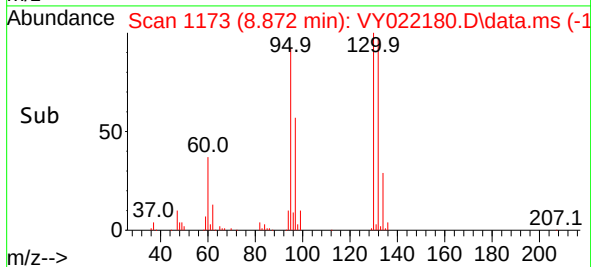
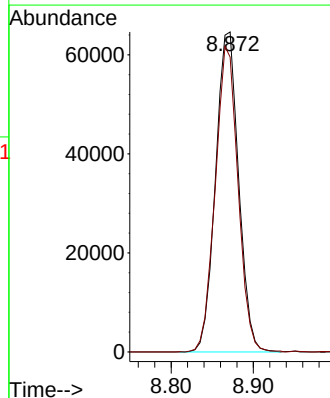
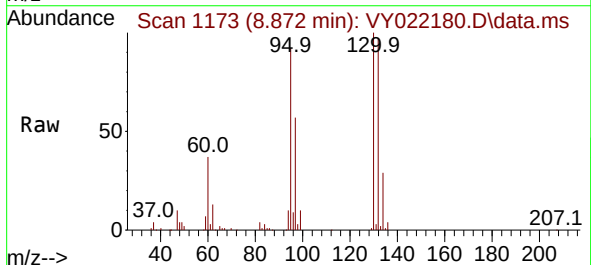
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

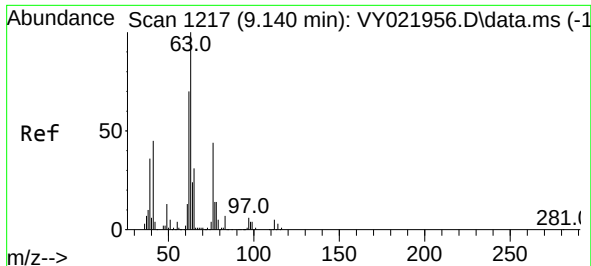
Tgt Ion: 43 Resp: 99358
Ion Ratio Lower Upper
43 100
61 35.6 18.9 28.3#
87 16.2 13.7 20.5



#44
Trichloroethene
Concen: 50.117 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.012 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion:130 Resp: 126041
Ion Ratio Lower Upper
130 100
95 92.1 0.0 183.2





#45

1,2-Dichloropropane

Concen: 52.883 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

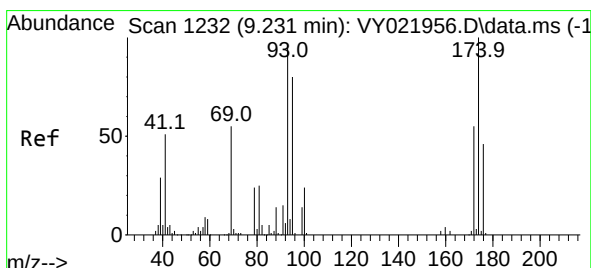
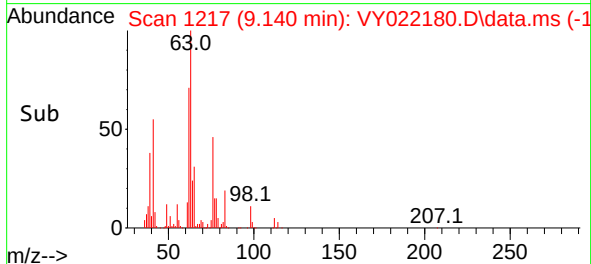
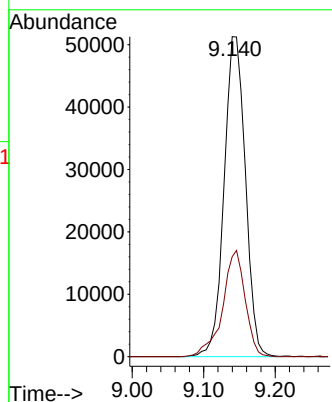
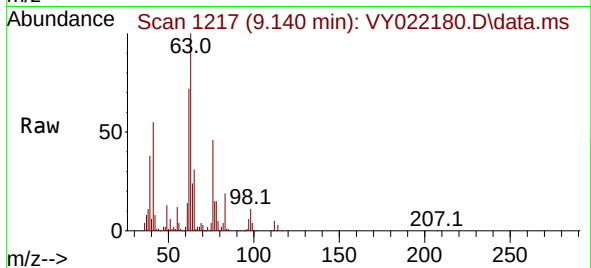
VSTDCCC050EC

Tgt Ion: 63 Resp: 106185

Ion Ratio Lower Upper

63 100

65 31.3 25.2 37.8



#46

Dibromomethane

Concen: 51.428 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

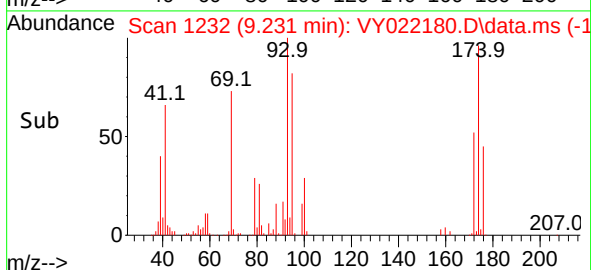
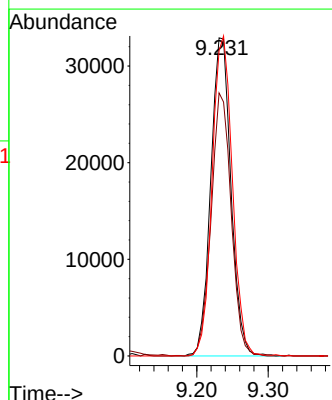
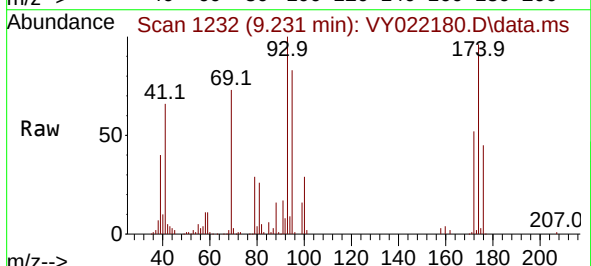
Tgt Ion: 93 Resp: 64642

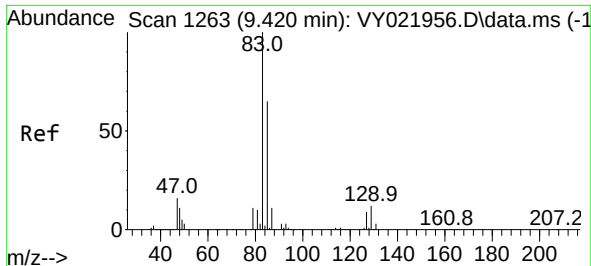
Ion Ratio Lower Upper

93 100

95 81.8 66.7 100.1

174 100.7 84.6 127.0

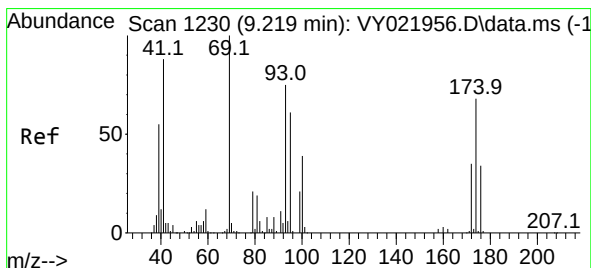
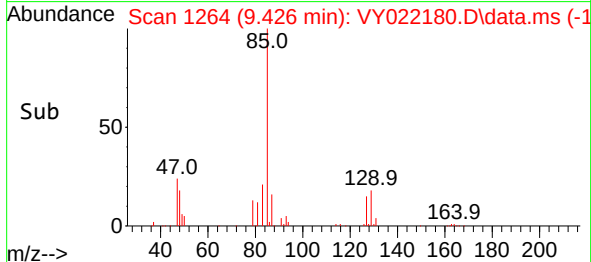
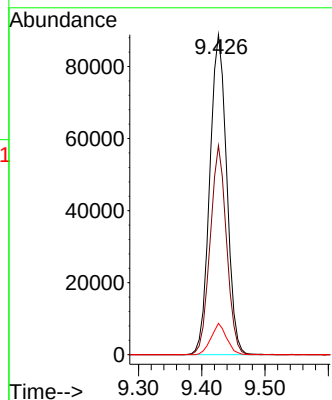
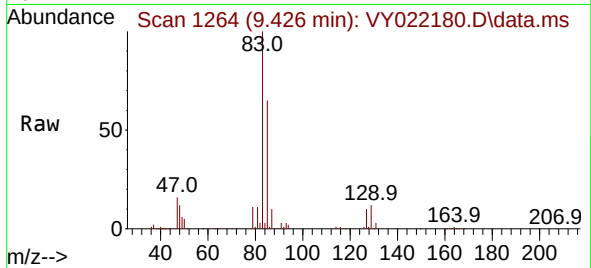




#47
Bromodichloromethane
Concen: 52.505 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

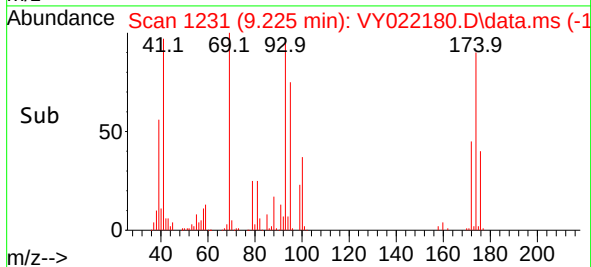
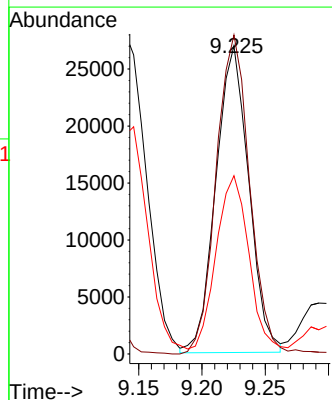
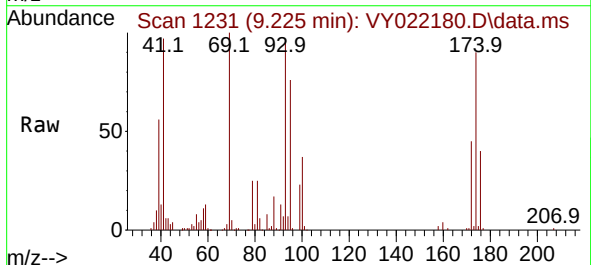
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

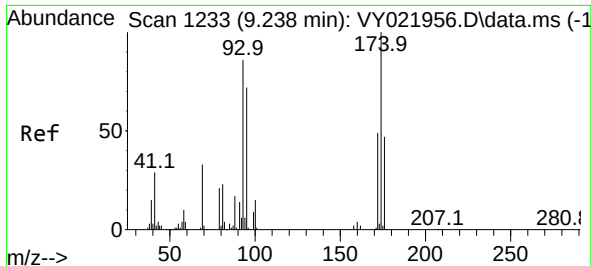
Tgt Ion: 83 Resp: 164870
Ion Ratio Lower Upper
83 100
85 65.4 51.8 77.8
127 9.8 7.0 10.6



#48
Methyl methacrylate
Concen: 52.569 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 41 Resp: 48686
Ion Ratio Lower Upper
41 100
69 106.1 85.5 128.3
39 55.9 46.2 69.4





#49

1,4-Dioxane

Concen: 959.240 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

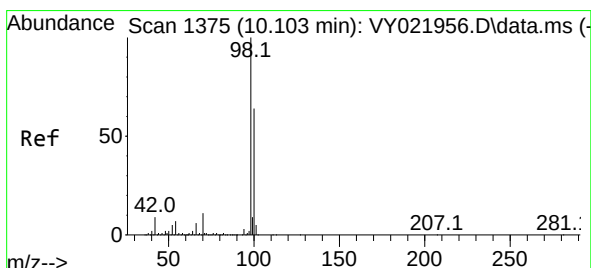
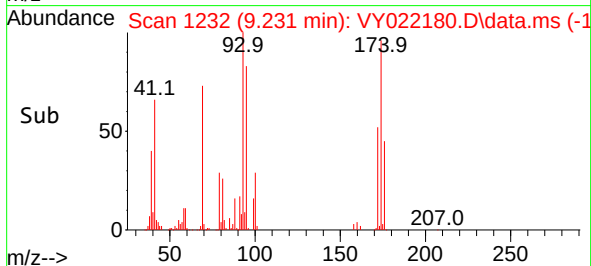
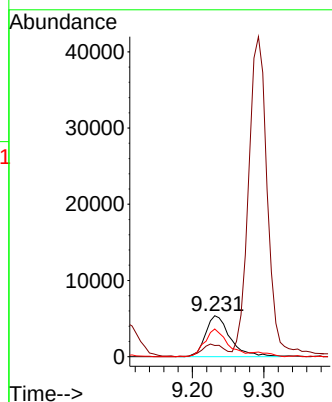
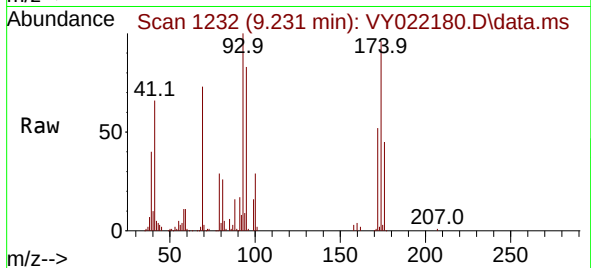
Tgt Ion: 88 Resp: 12851

Ion Ratio Lower Upper

88 100

43 28.9 21.3 31.9

58 63.6 50.5 75.7



#50

Toluene-d8

Concen: 20.529 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022180.D

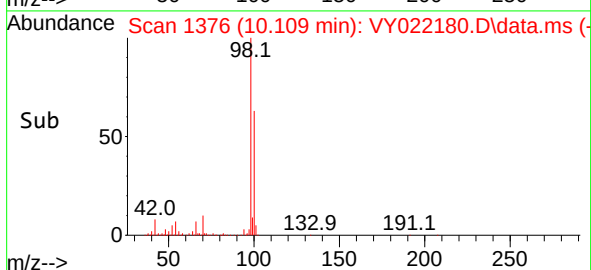
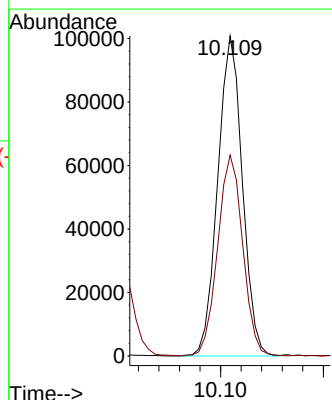
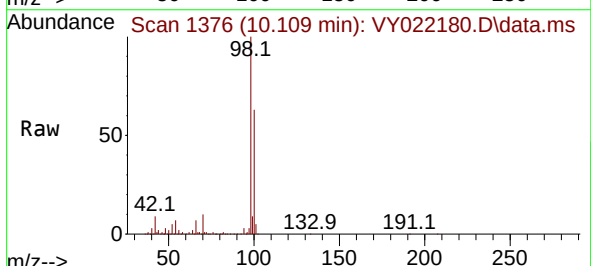
Acq: 06 May 2025 14:42

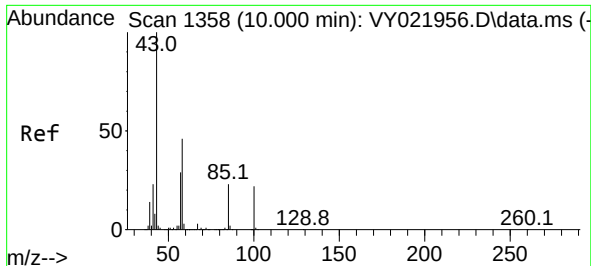
Tgt Ion: 98 Resp: 167358

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4

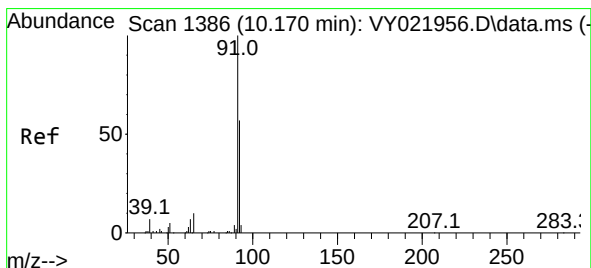
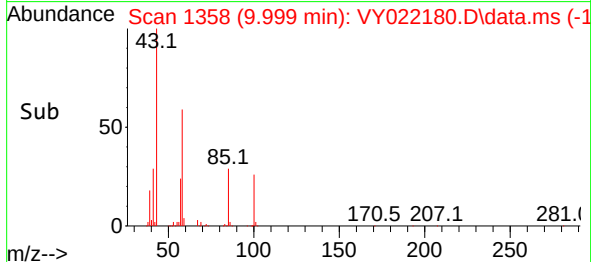
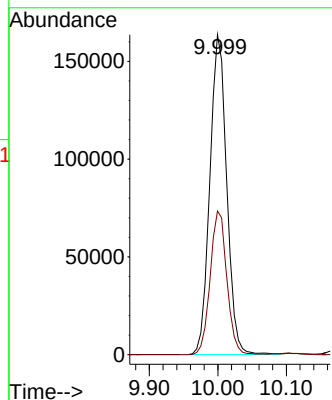
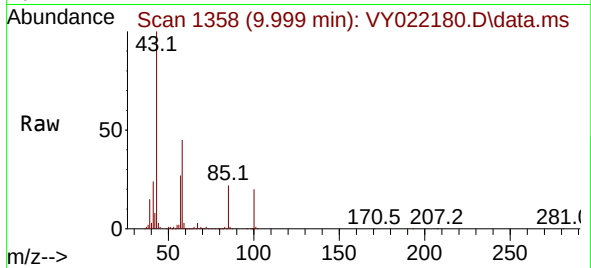




#51
4-Methyl-2-Pentanone
Concen: 266.204 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

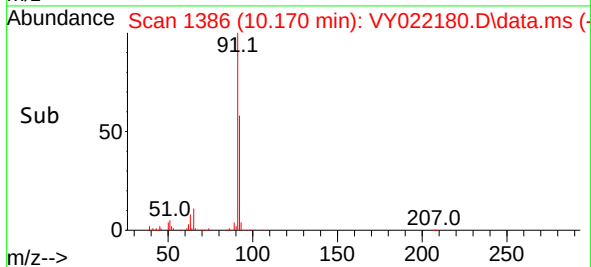
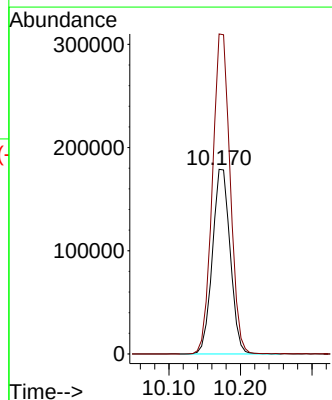
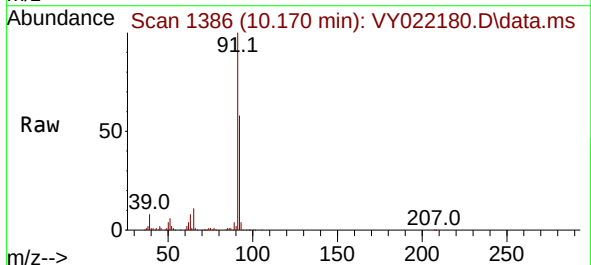
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

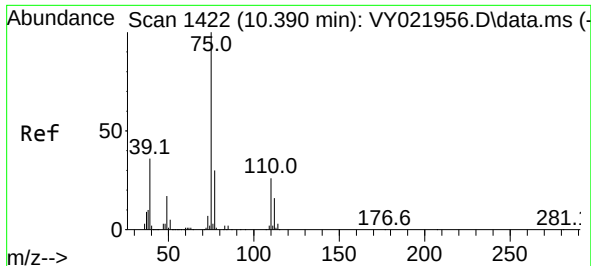
Tgt Ion: 43 Resp: 279566
Ion Ratio Lower Upper
43 100
58 44.4 36.6 55.0



#52
Toluene
Concen: 52.534 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 92 Resp: 308765
Ion Ratio Lower Upper
92 100
91 172.9 138.6 207.8

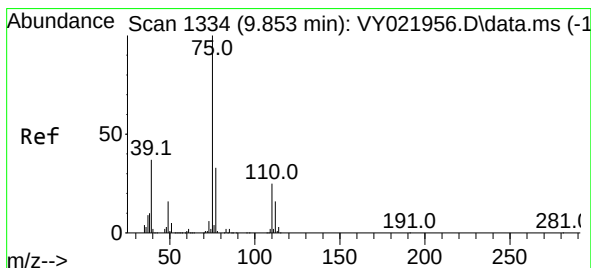
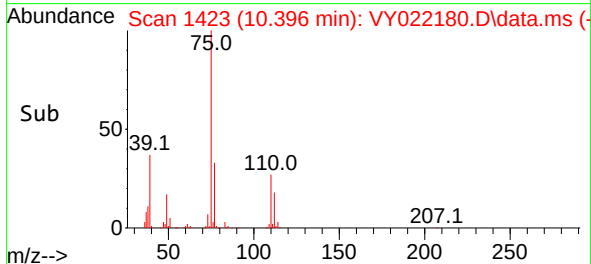
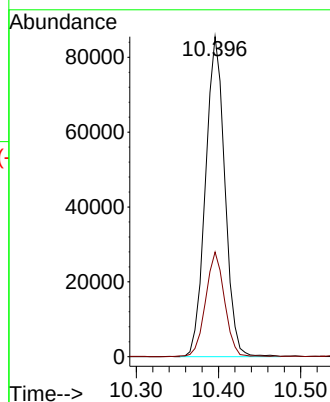
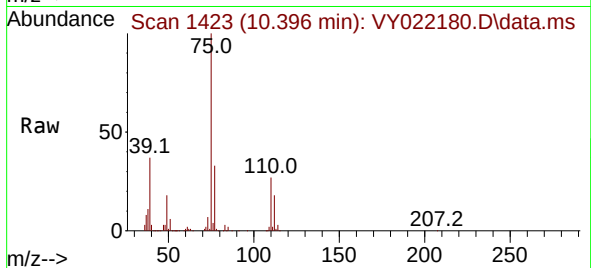




#53
 t-1,3-Dichloropropene
 Concen: 51.879 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022180.D
 Acq: 06 May 2025 14:42

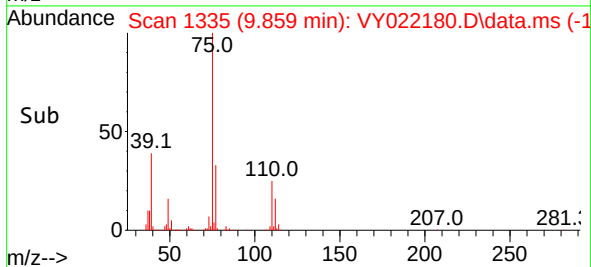
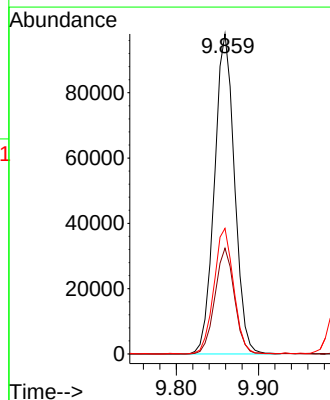
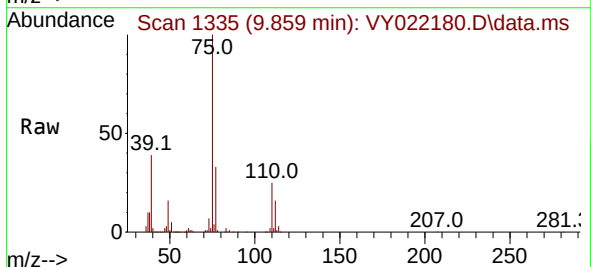
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

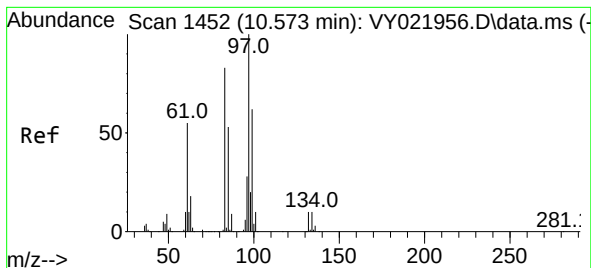
Tgt Ion: 75 Resp: 139730
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.894 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY022180.D
 Acq: 06 May 2025 14:42

Tgt Ion: 75 Resp: 166146
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.6 40.0
 39 39.2 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 51.235 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 86024

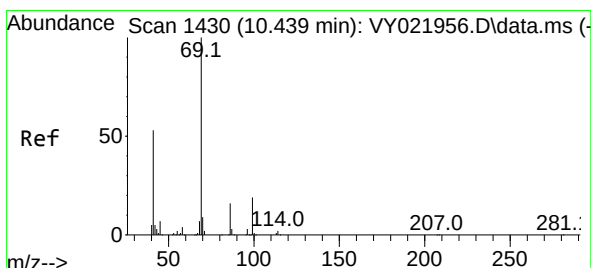
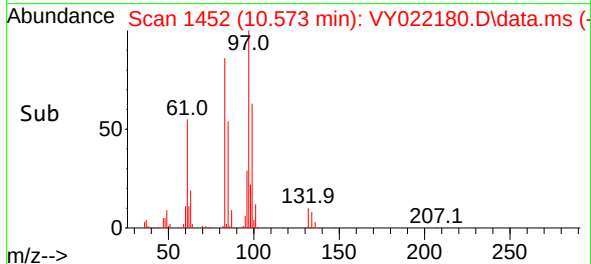
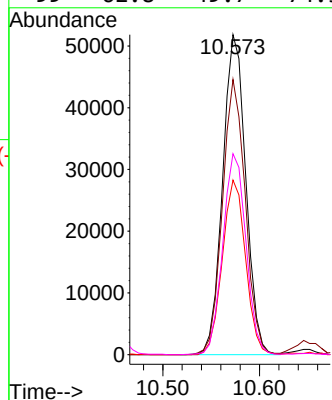
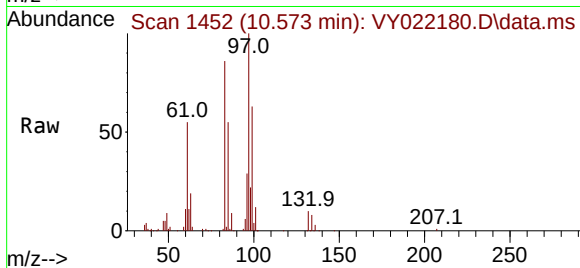
Ion Ratio Lower Upper

97 100

83 86.0 66.7 100.1

85 54.6 42.6 64.0

99 62.8 49.7 74.5



#56

Ethyl methacrylate

Concen: 51.240 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

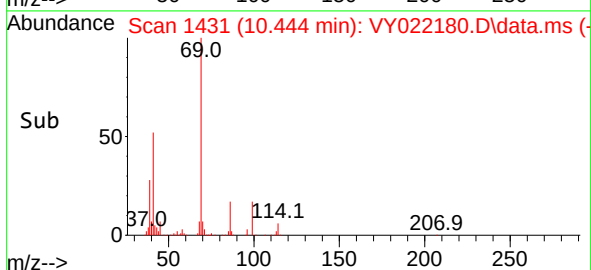
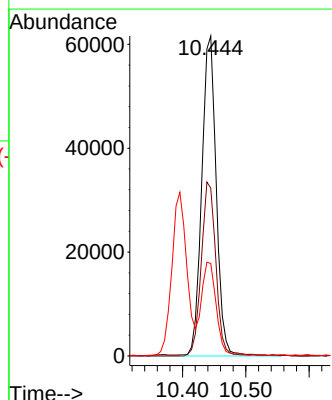
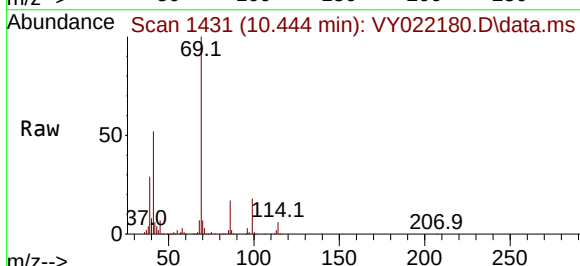
Tgt Ion: 69 Resp: 98382

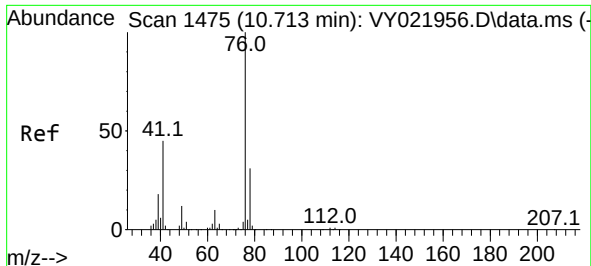
Ion Ratio Lower Upper

69 100

41 53.4 40.7 61.1

39 29.6 23.3 34.9





#57

1,3-Dichloropropane

Concen: 51.922 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

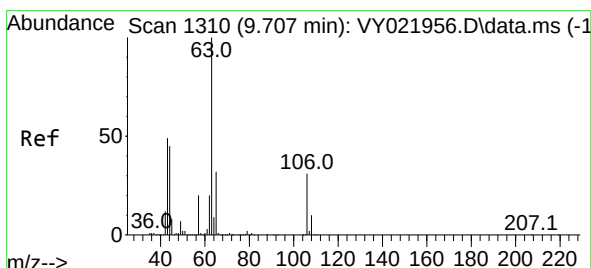
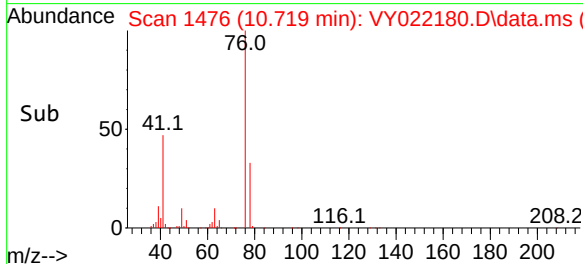
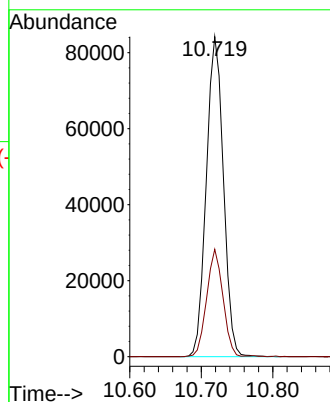
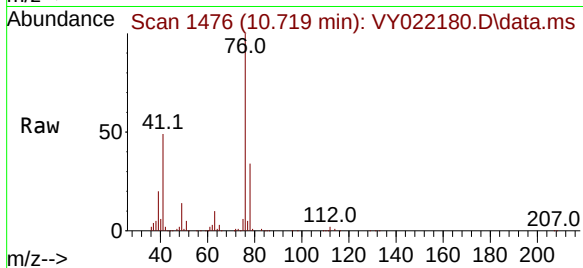
VSTDCCC050EC

Tgt Ion: 76 Resp: 139755

Ion Ratio Lower Upper

76 100

78 32.0 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 260.866 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022180.D

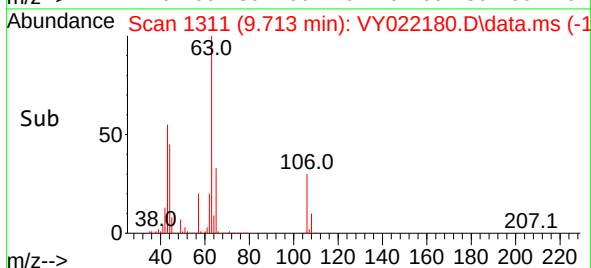
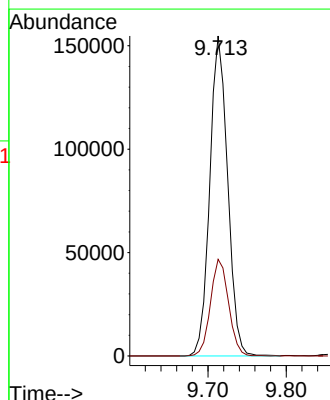
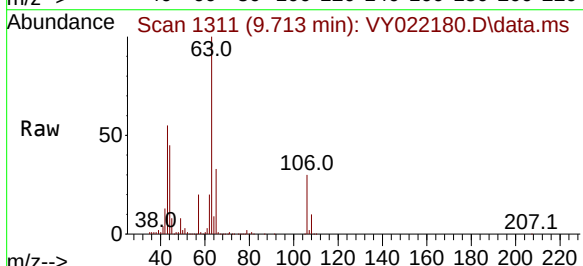
Acq: 06 May 2025 14:42

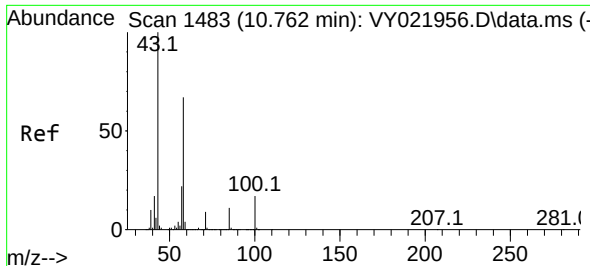
Tgt Ion: 63 Resp: 244892

Ion Ratio Lower Upper

63 100

106 30.6 25.3 37.9

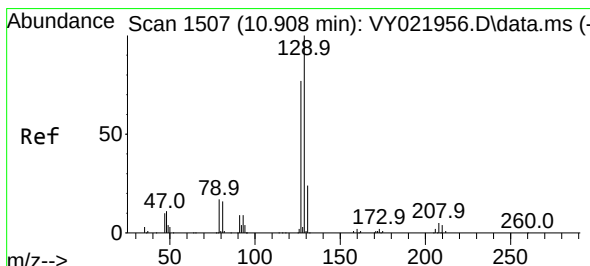
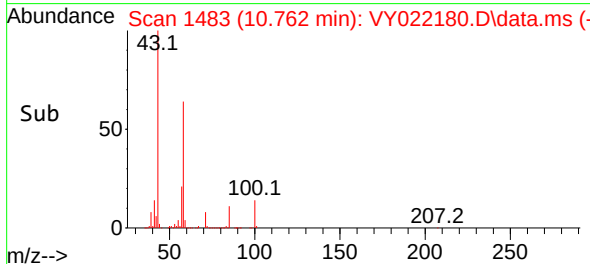
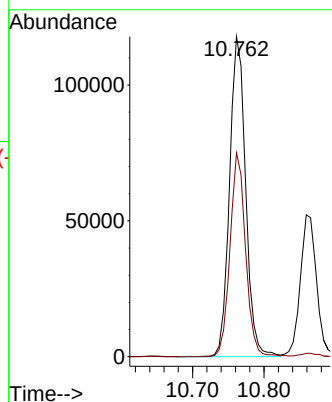
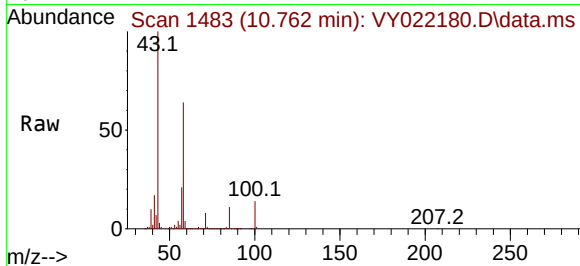




#59
2-Hexanone
Concen: 265.883 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

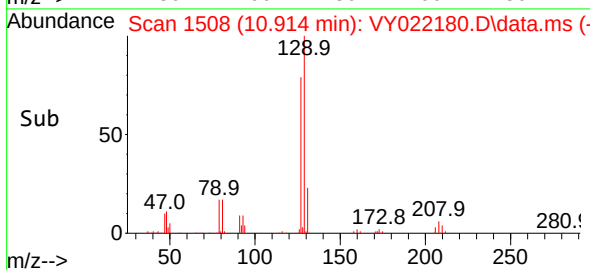
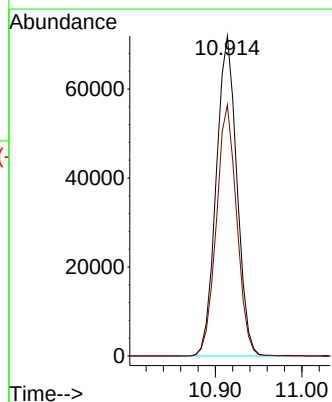
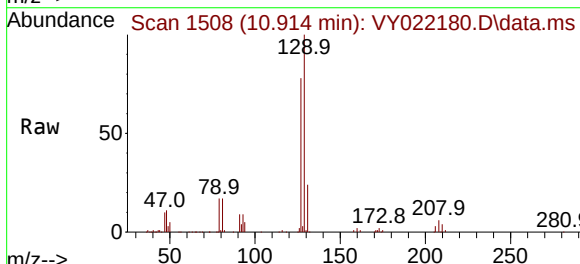
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

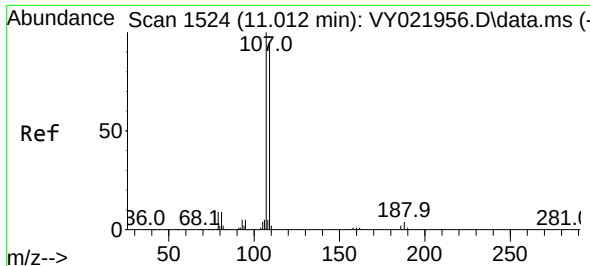
Tgt Ion: 43 Resp: 184175
Ion Ratio Lower Upper
43 100
58 61.6 32.0 96.0



#60
Dibromochloromethane
Concen: 51.236 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 129 Resp: 119101
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3

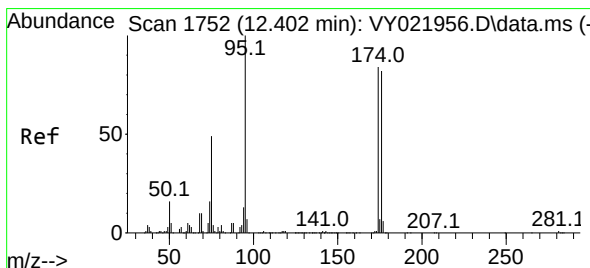
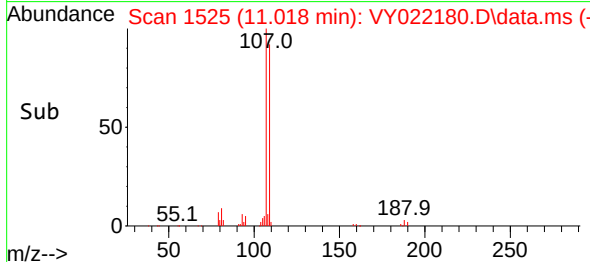
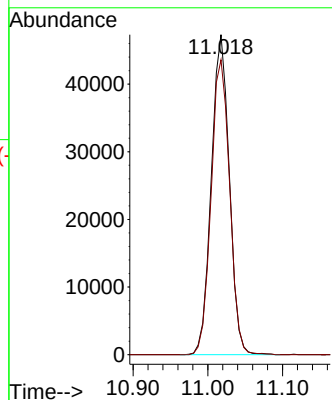
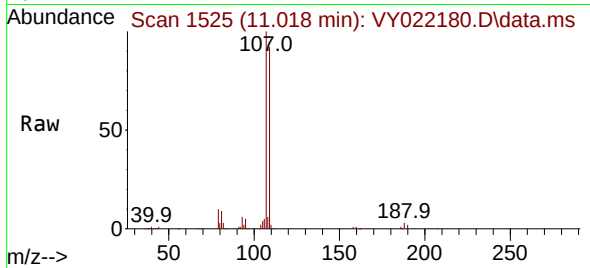




#61
1,2-Dibromoethane
Concen: 49.952 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

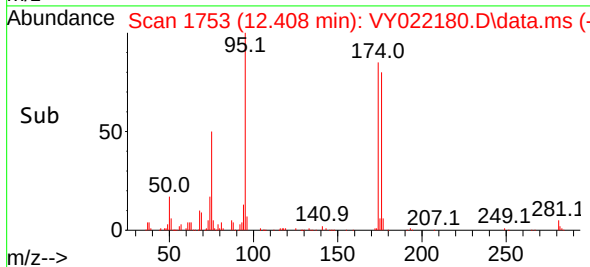
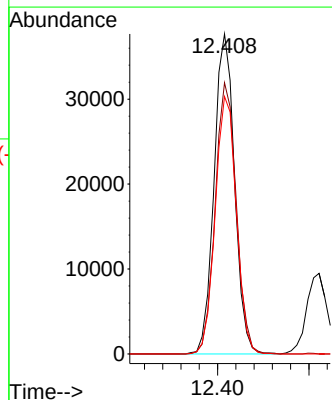
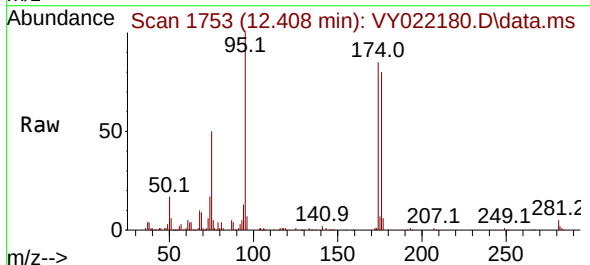
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

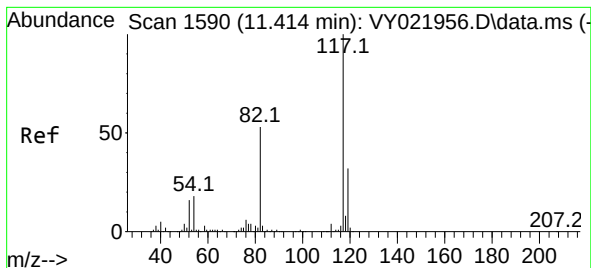
Tgt Ion:107 Resp: 79178
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 21.281 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 95 Resp: 58403
Ion Ratio Lower Upper
95 100
174 87.3 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: VY022180.D

Acq: 06 May 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

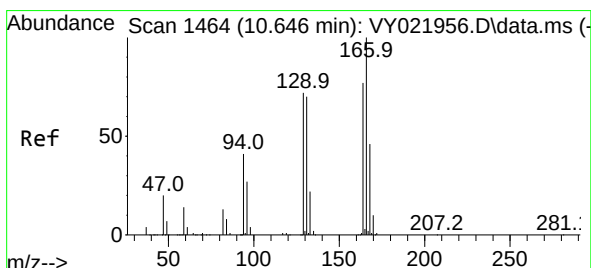
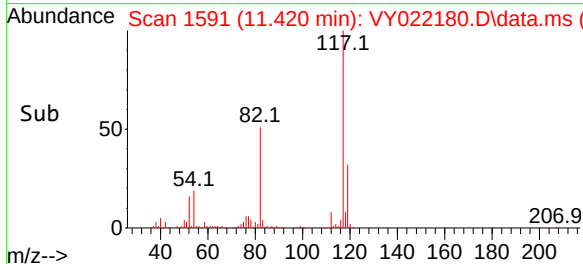
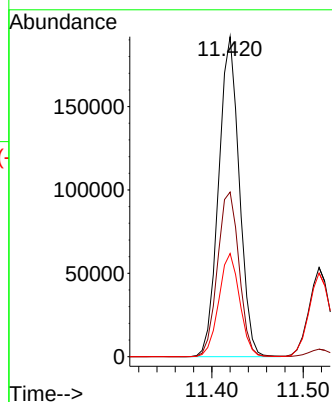
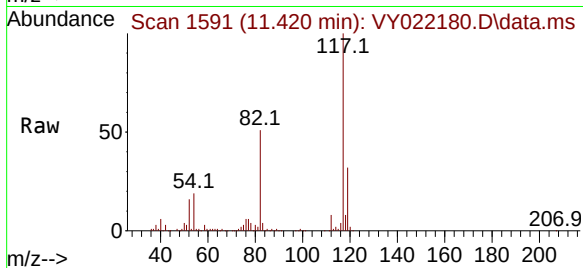
Tgt Ion:117 Resp: 301681

Ion Ratio Lower Upper

117 100

82 51.5 42.1 63.1

119 32.2 25.7 38.5



#64

Tetrachloroethene

Concen: 49.611 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Tgt Ion:164 Resp: 141191

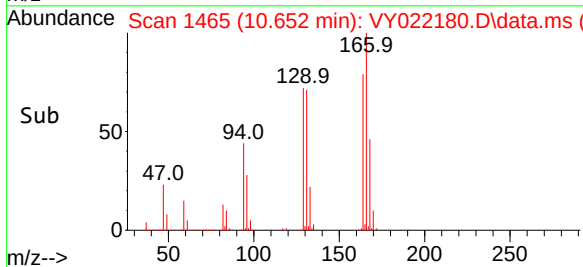
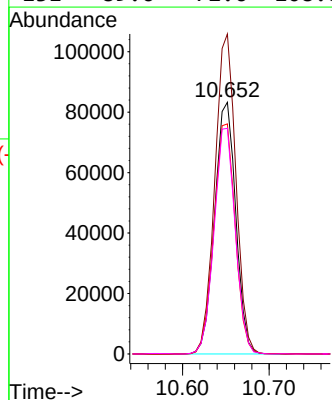
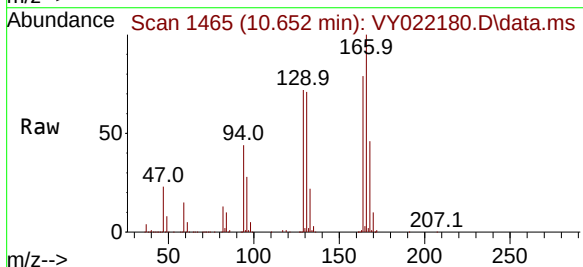
Ion Ratio Lower Upper

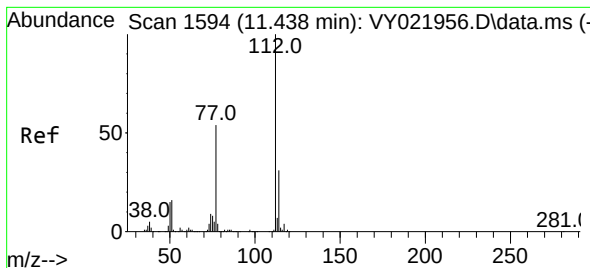
164 100

166 127.1 103.6 155.4

129 91.4 74.2 111.4

131 89.6 72.6 108.8

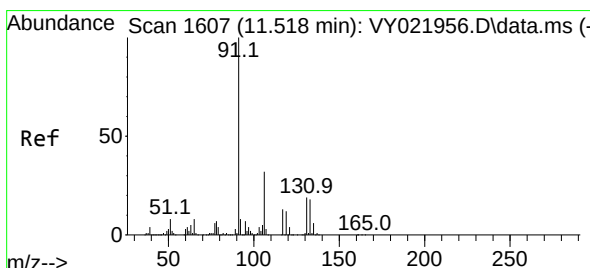
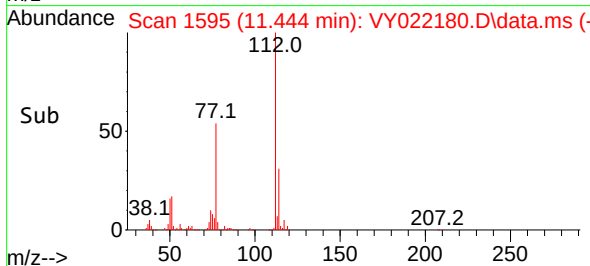
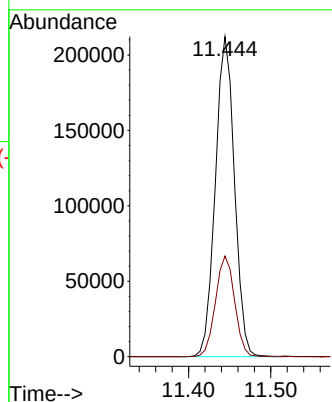
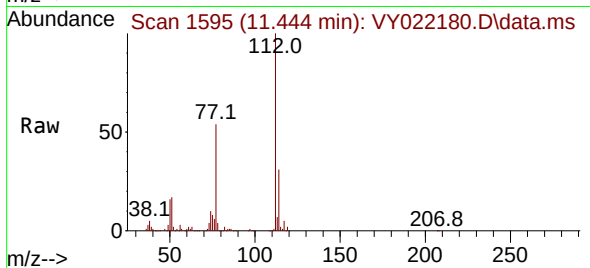




#65
Chlorobenzene
Concen: 50.763 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

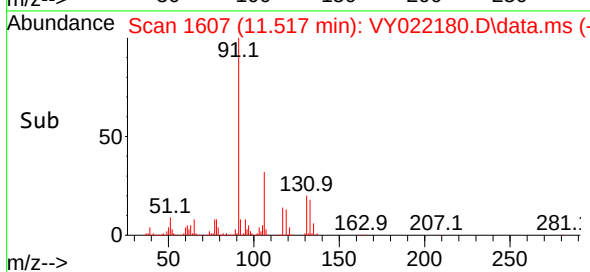
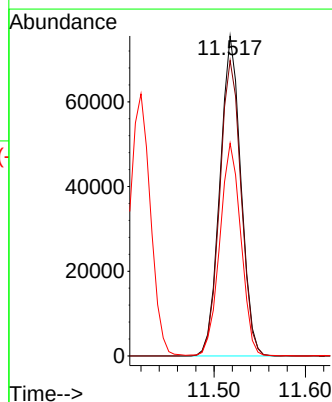
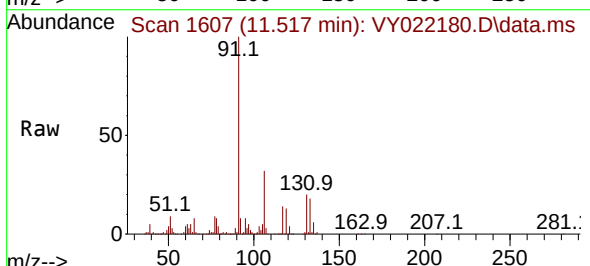
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

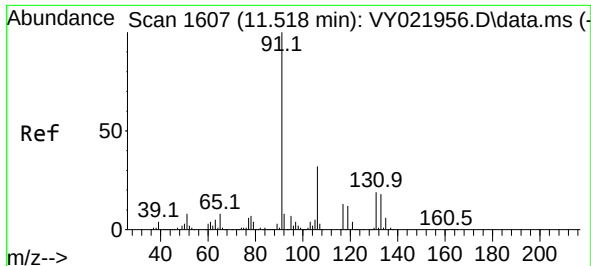
Tgt Ion:112 Resp: 342463
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.728 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion:131 Resp: 120483
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.3
119 67.1 32.4 97.0

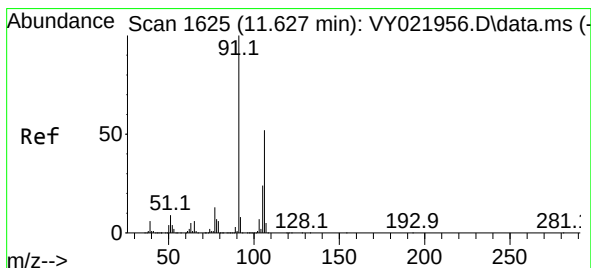
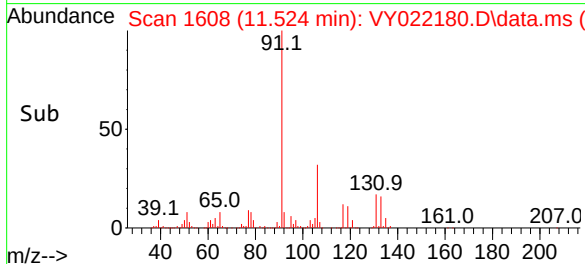
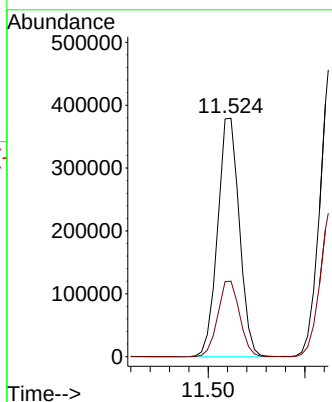
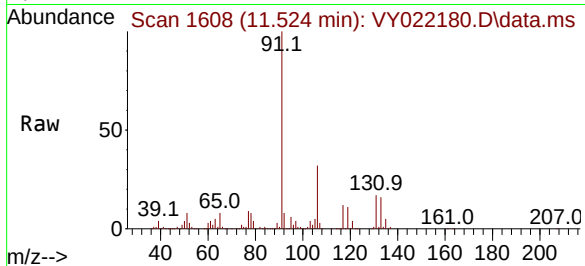




#67
Ethyl Benzene
Concen: 53.476 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

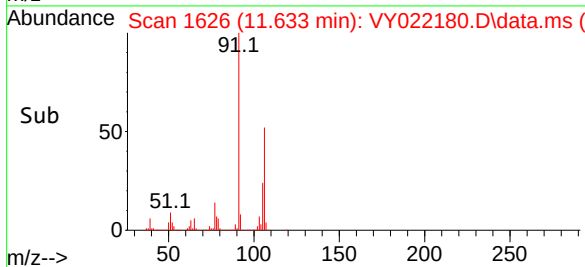
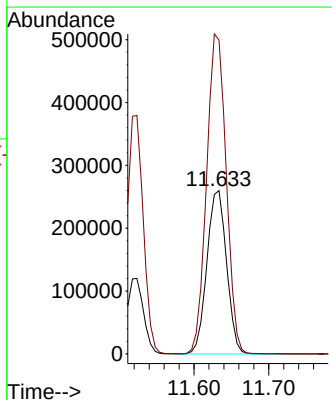
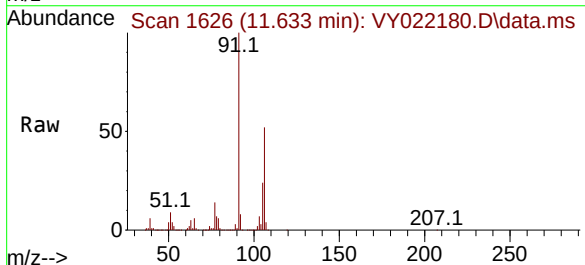
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

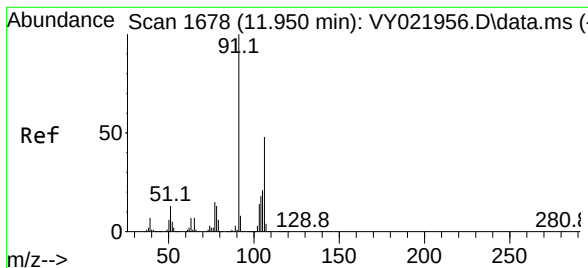
Tgt Ion: 91 Resp: 590158
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9



#68
m/p-Xylenes
Concen: 108.161 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 106 Resp: 474983
Ion Ratio Lower Upper
106 100
91 195.9 156.2 234.2

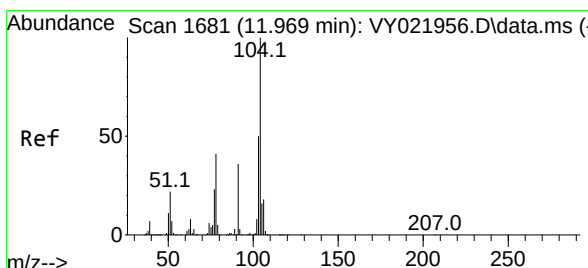
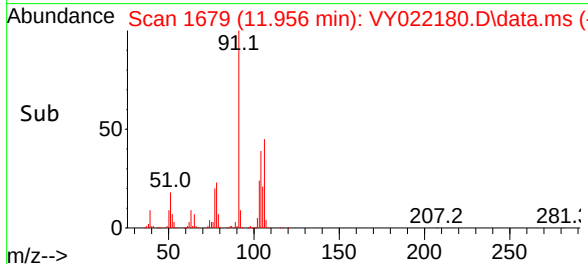
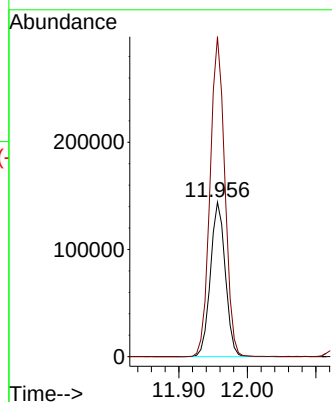
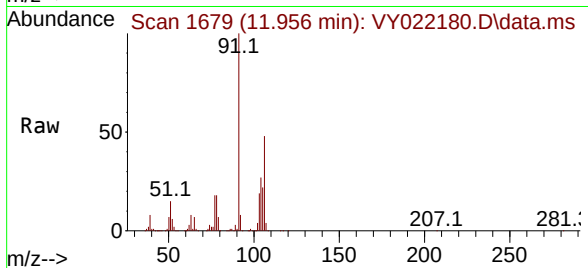




#69
o-Xylene
Concen: 53.627 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

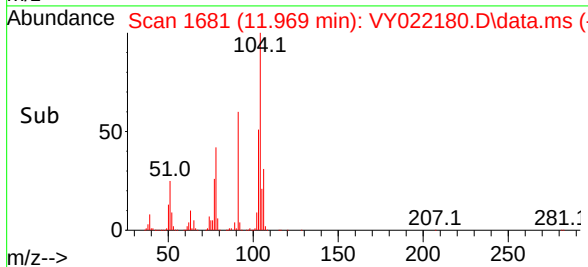
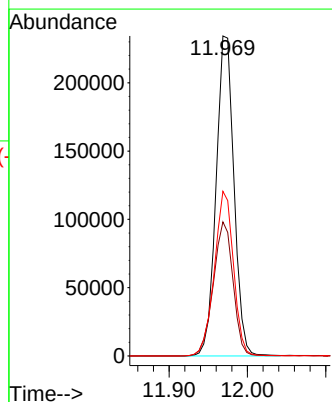
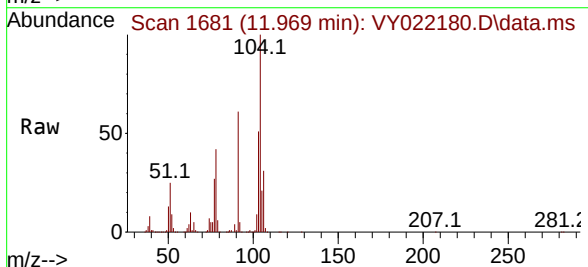
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

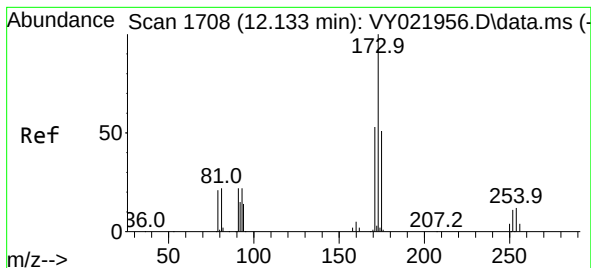
Tgt Ion:106 Resp: 217056
Ion Ratio Lower Upper
106 100
91 206.0 103.0 308.9



#70
Styrene
Concen: 54.801 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion:104 Resp: 372427
Ion Ratio Lower Upper
104 100
78 46.2 36.6 54.8
103 55.0 43.8 65.8





#71

Bromoform

Concen: 49.637 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

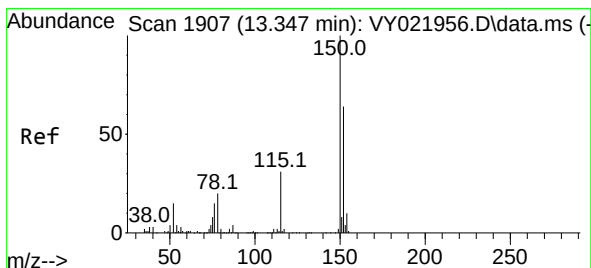
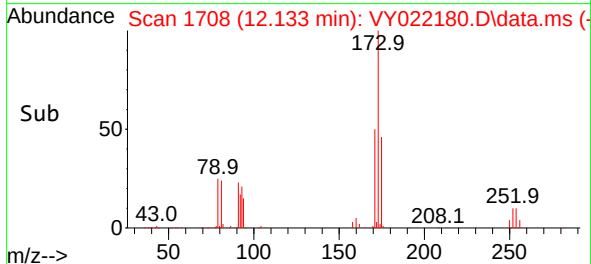
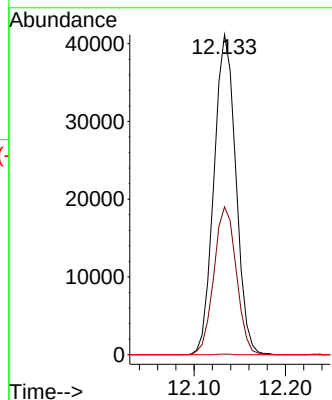
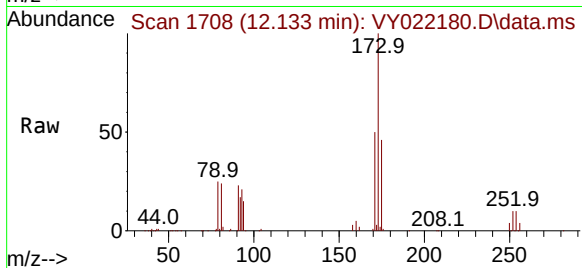
Tgt Ion:173 Resp: 68542

Ion Ratio Lower Upper

173 100

175 47.3 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: VY022180.D

Acq: 06 May 2025 14:42

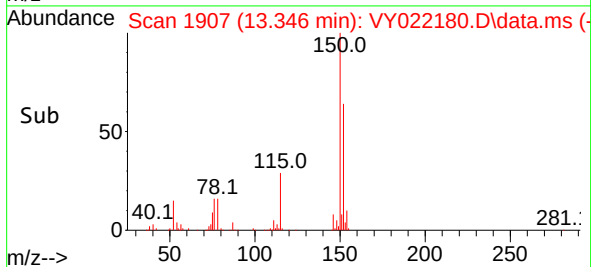
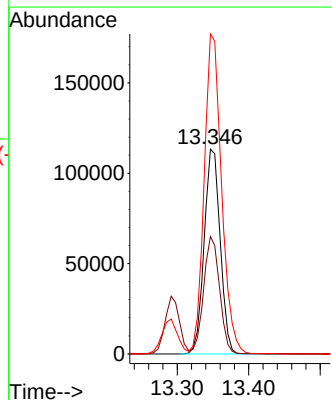
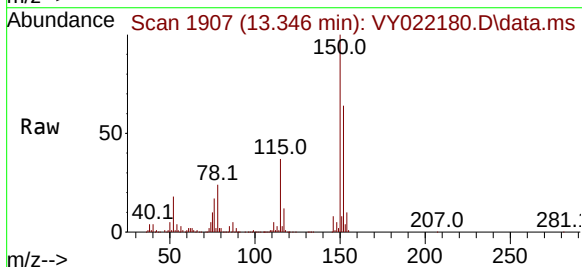
Tgt Ion:152 Resp: 176632

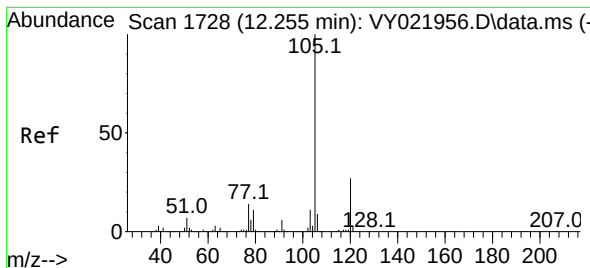
Ion Ratio Lower Upper

152 100

115 56.7 28.0 84.0

150 169.1 0.0 345.6





#73

Isopropylbenzene

Concen: 49.188 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

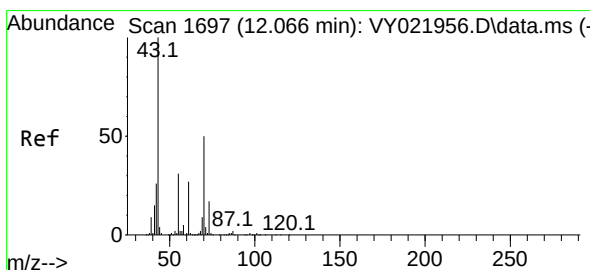
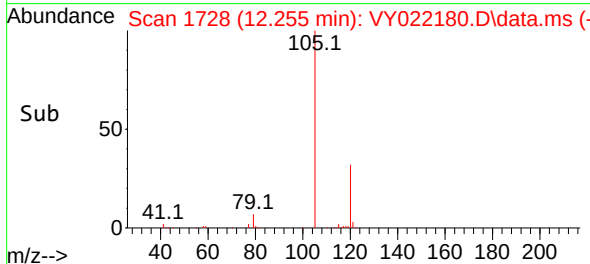
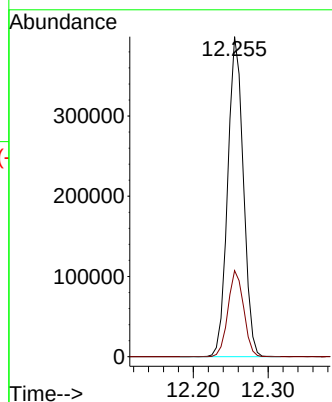
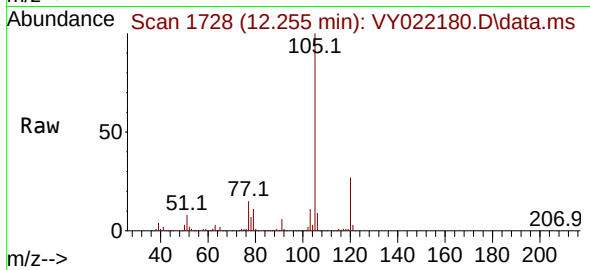
VSTDCCC050EC

Tgt Ion:105 Resp: 580456

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



#74

N-ethyl acetate

Concen: 47.356 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Tgt Ion: 43 Resp: 96014

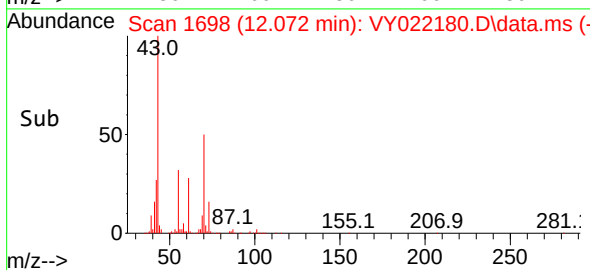
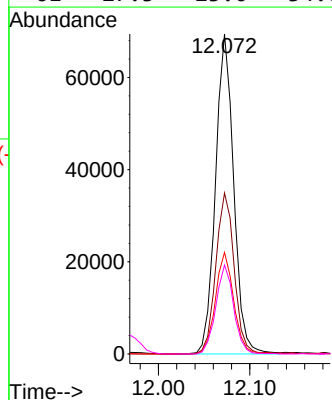
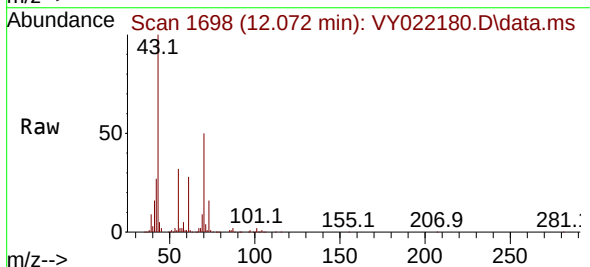
Ion Ratio Lower Upper

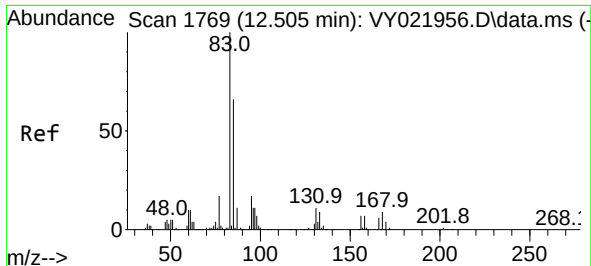
43 100

70 51.0 43.2 64.8

55 32.0 25.7 38.5

61 27.3 23.0 34.6

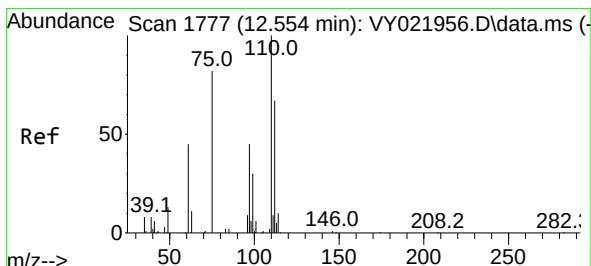
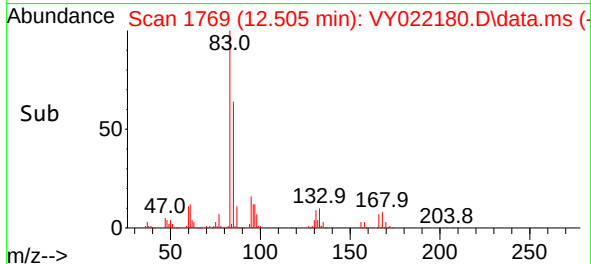
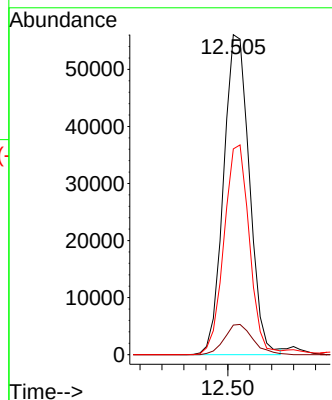
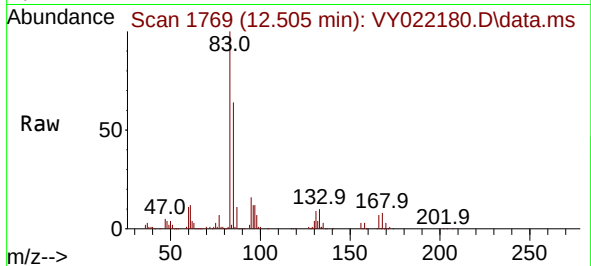




#75
1,1,2,2-Tetrachloroethane
Concen: 46.015 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

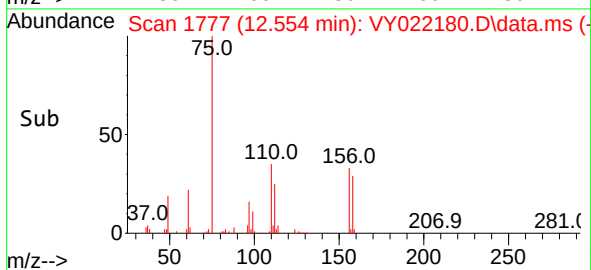
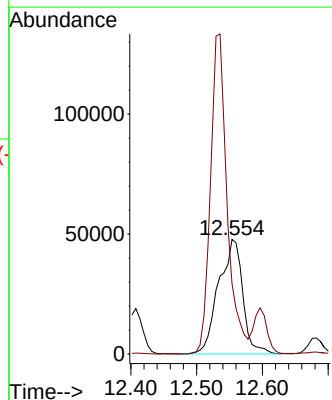
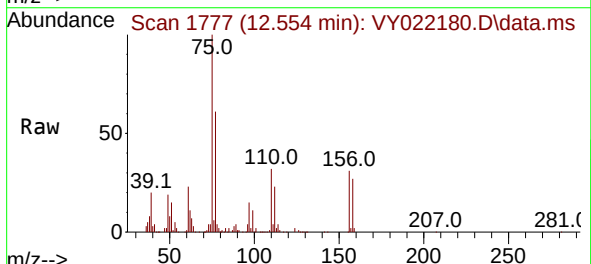
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

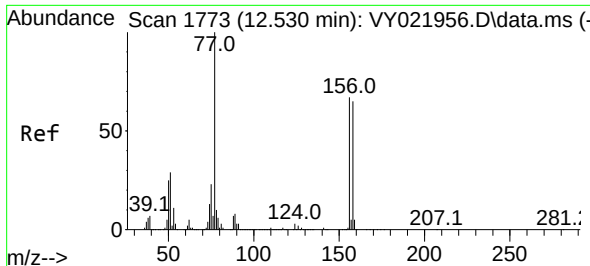
Tgt Ion: 83 Resp: 91552
Ion Ratio Lower Upper
83 100
131 10.4 5.5 16.4
85 64.5 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 80.464 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 75 Resp: 121737
Ion Ratio Lower Upper
75 100
77 193.5 0.0 0.0#

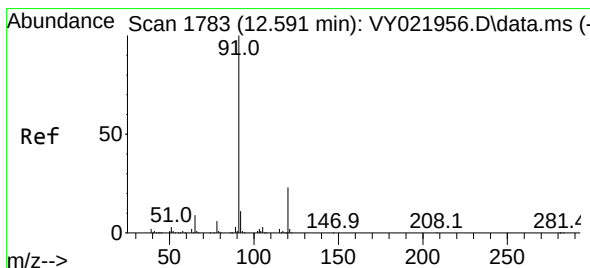
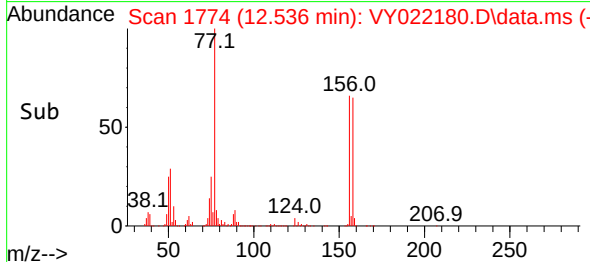
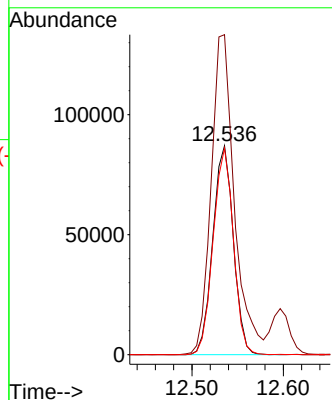
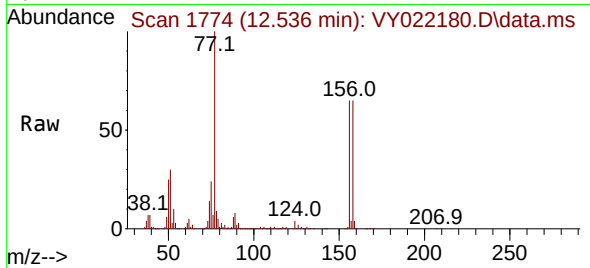




#77
Bromobenzene
Concen: 45.503 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

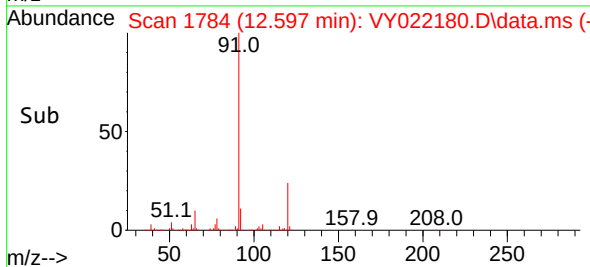
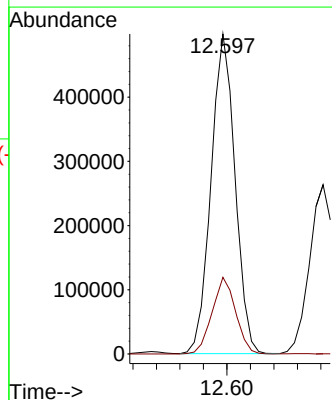
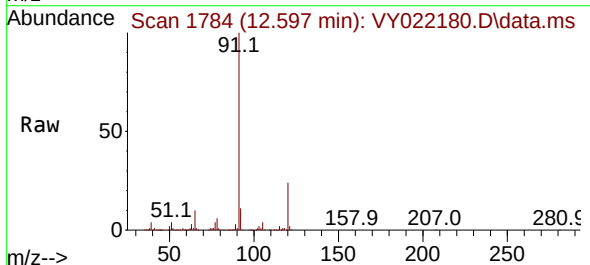
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

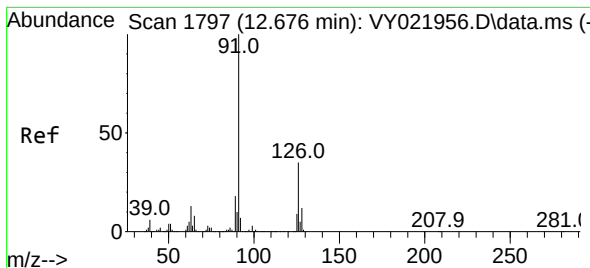
Tgt Ion:156 Resp: 135686
Ion Ratio Lower Upper
156 100
77 173.6 82.7 248.1
158 97.6 48.1 144.4



#78
n-propylbenzene
Concen: 50.267 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 91 Resp: 706421
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5





#79

2-Chlorotoluene

Concen: 48.850 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

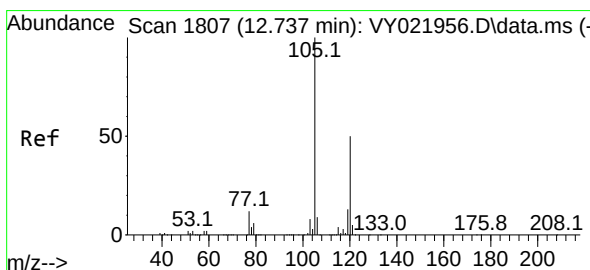
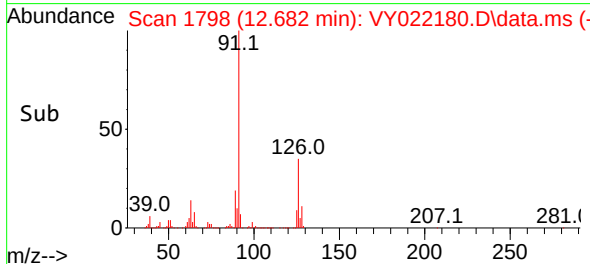
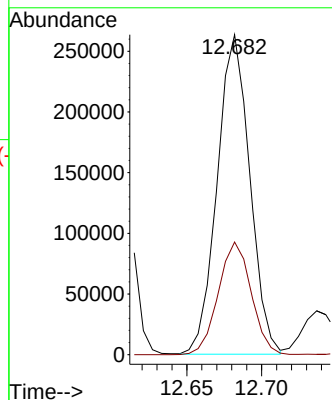
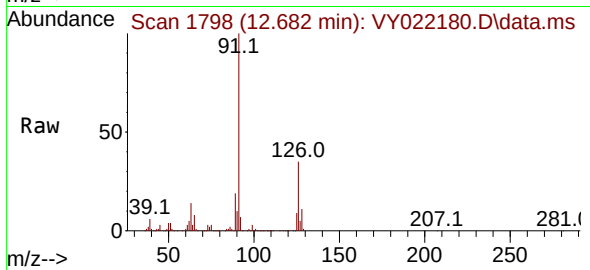
VSTDCCC050EC

Tgt Ion: 91 Resp: 399253

Ion Ratio Lower Upper

91 100

126 35.6 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 49.955 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022180.D

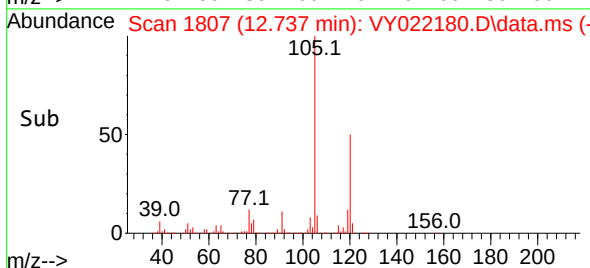
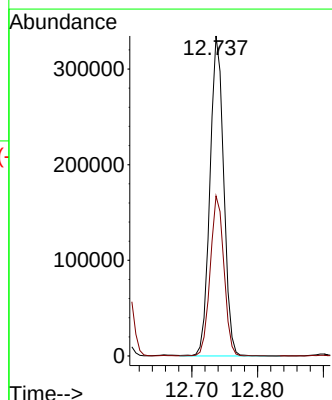
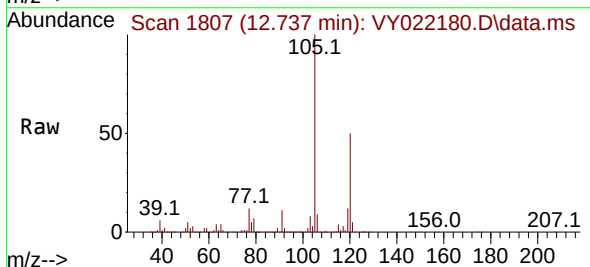
Acq: 06 May 2025 14:42

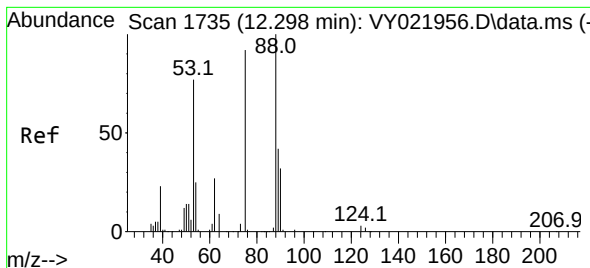
Tgt Ion: 105 Resp: 485730

Ion Ratio Lower Upper

105 100

120 50.0 25.0 75.0

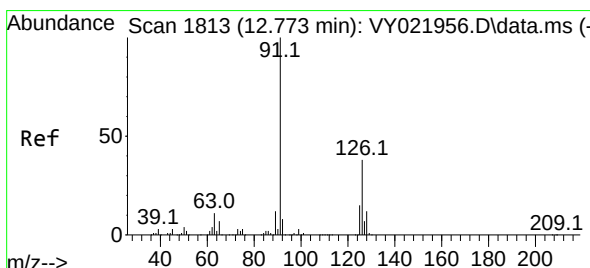
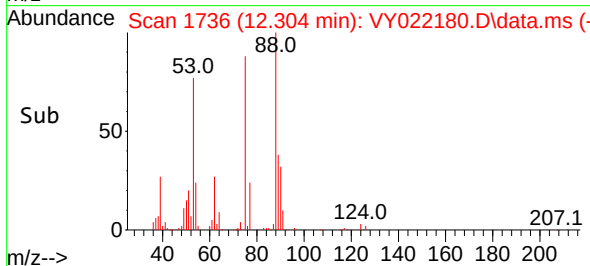
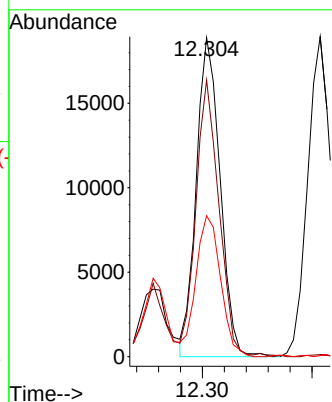
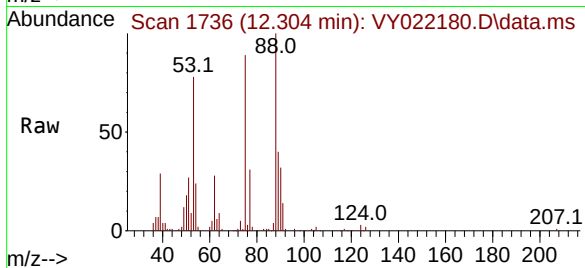




#81
trans-1,4-Dichloro-2-butene
Concen: 45.470 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

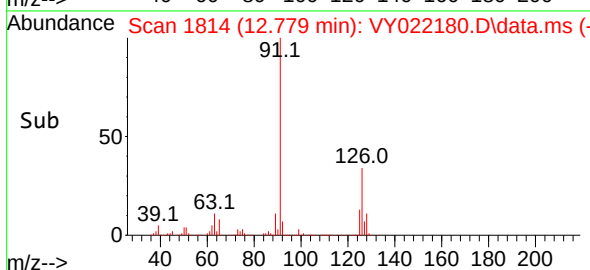
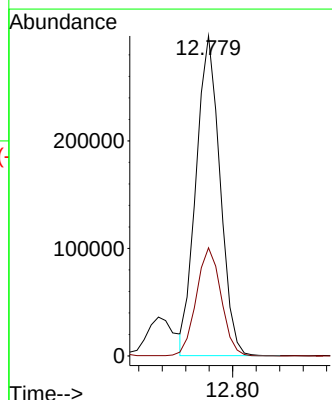
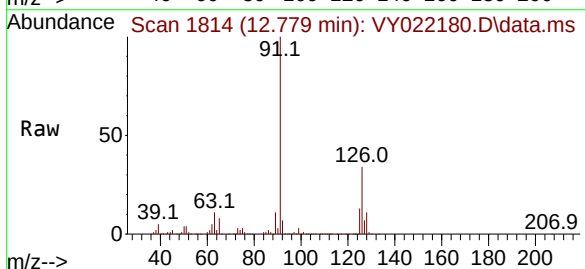
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

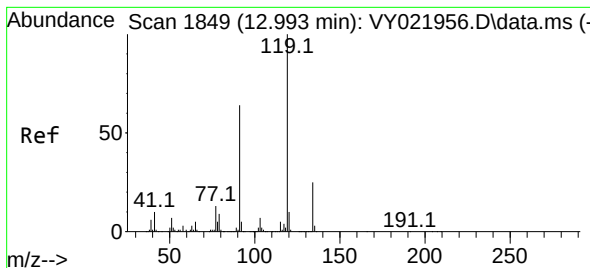
Tgt Ion: 75 Resp: 28567
Ion Ratio Lower Upper
75 100
53 83.8 66.0 99.0
89 45.8 37.2 55.8



#82
4-Chlorotoluene
Concen: 49.488 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 91 Resp: 420456
Ion Ratio Lower Upper
91 100
126 35.2 17.9 53.8





#83

tert-Butylbenzene

Concen: 49.483 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

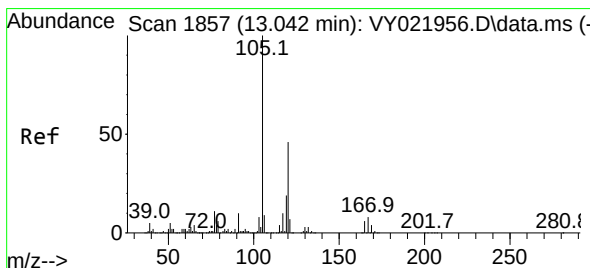
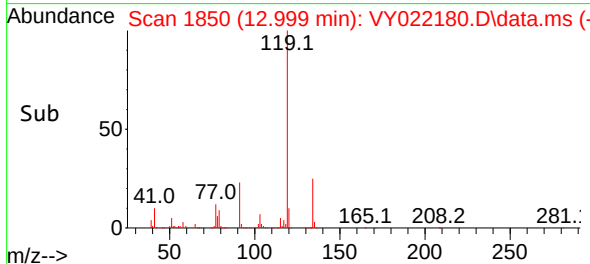
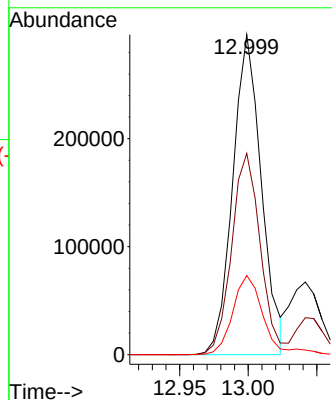
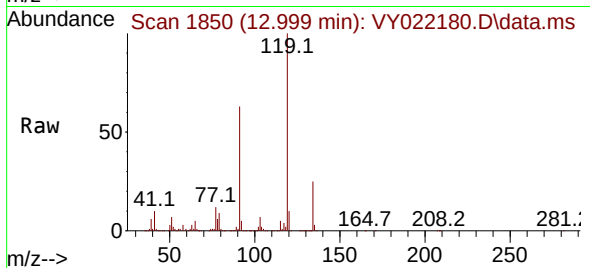
Tgt Ion:119 Resp: 431509

Ion Ratio Lower Upper

119 100

91 63.4 30.3 90.9

134 26.5 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 50.746 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022180.D

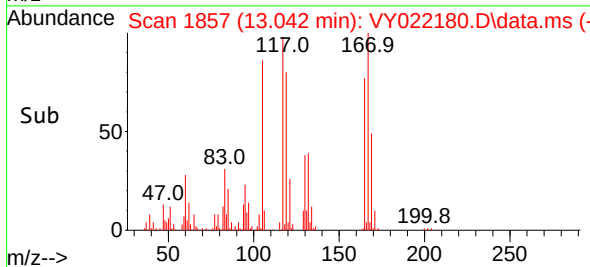
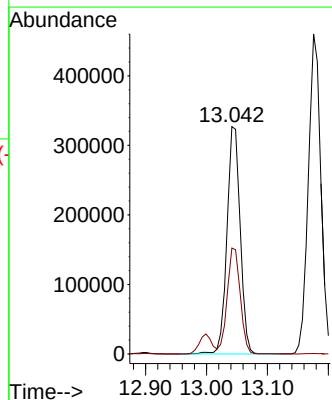
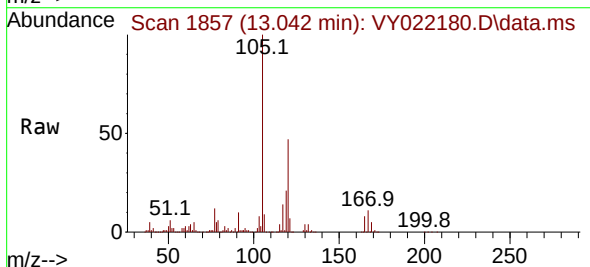
Acq: 06 May 2025 14:42

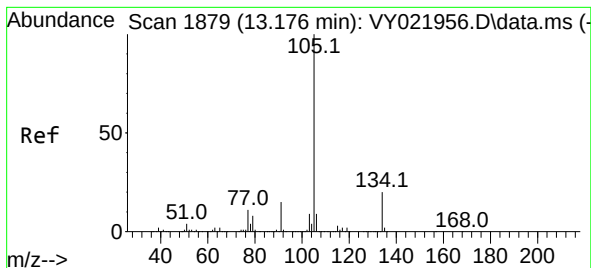
Tgt Ion:105 Resp: 493529

Ion Ratio Lower Upper

105 100

120 45.9 23.4 70.0





#85

sec-Butylbenzene

Concen: 51.401 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

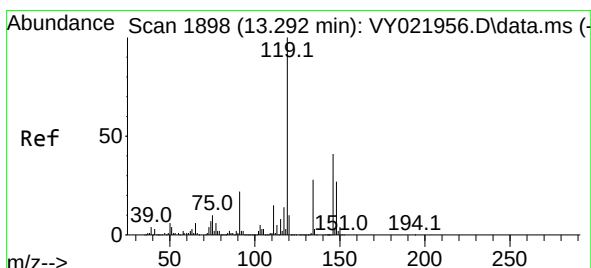
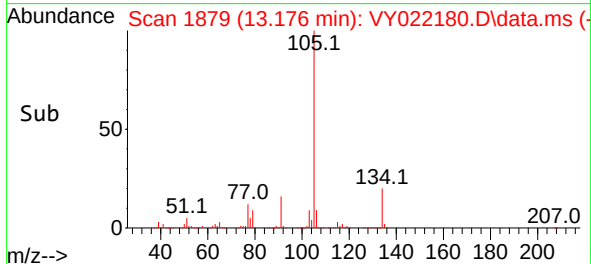
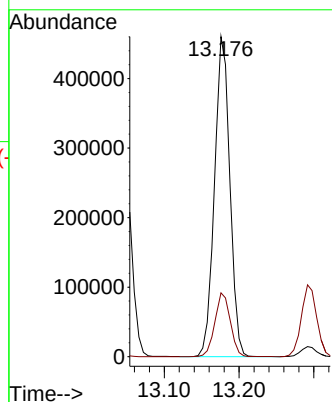
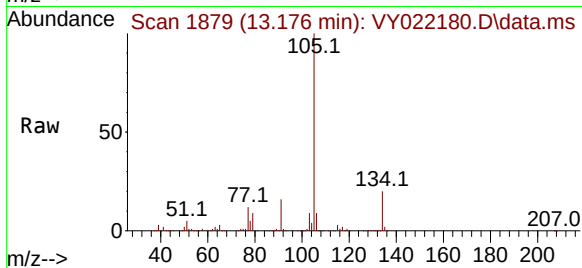
VSTDCCC050EC

Tgt Ion:105 Resp: 655908

Ion Ratio Lower Upper

105 100

134 20.0 10.3 30.9



#86

p-Isopropyltoluene

Concen: 51.238 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

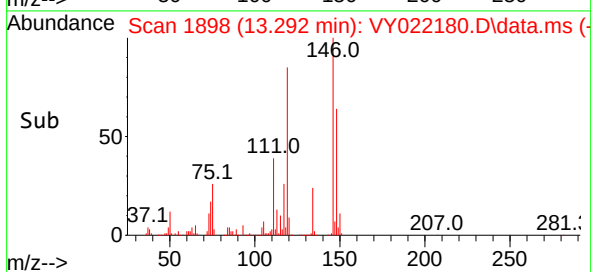
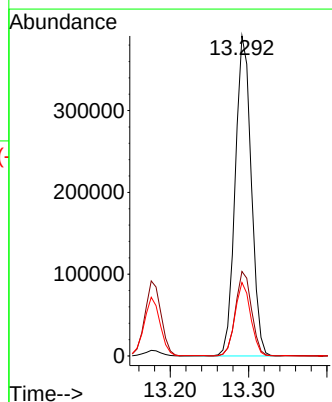
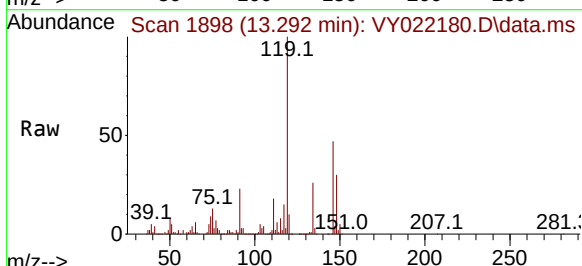
Tgt Ion:119 Resp: 555197

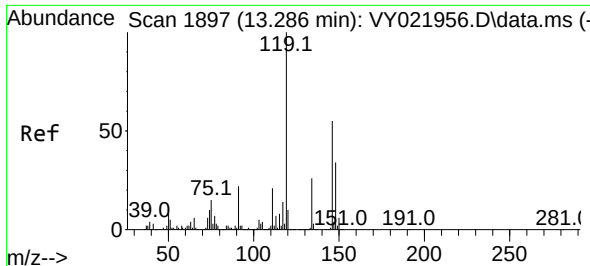
Ion Ratio Lower Upper

119 100

134 26.4 13.6 40.7

91 22.4 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 47.558 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

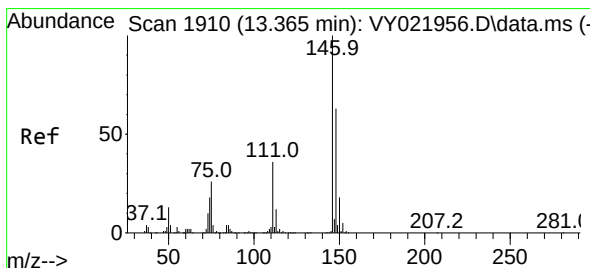
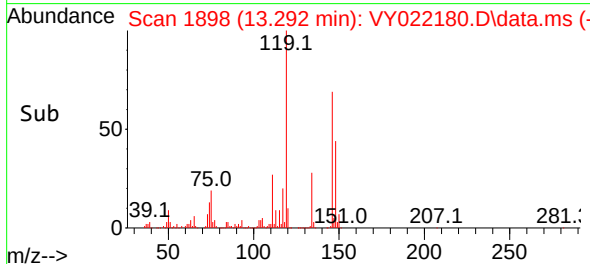
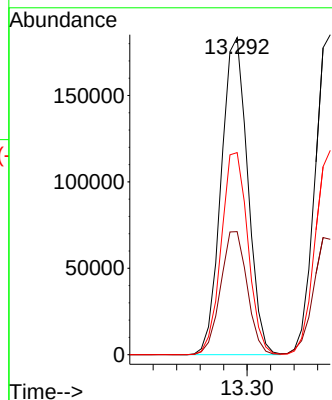
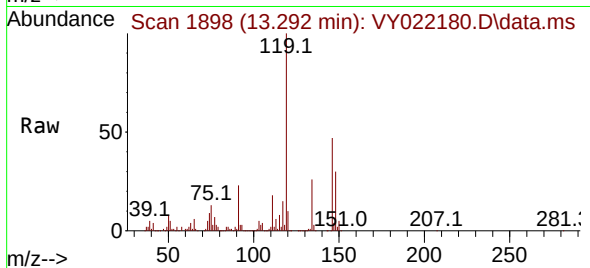
Tgt Ion:146 Resp: 288028

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.5

148 64.0 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 47.516 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

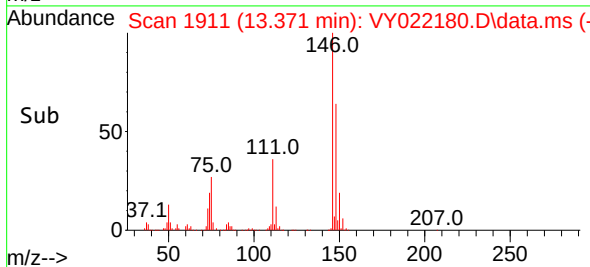
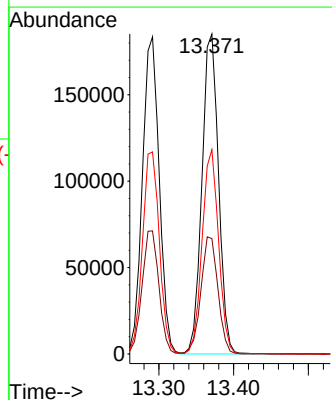
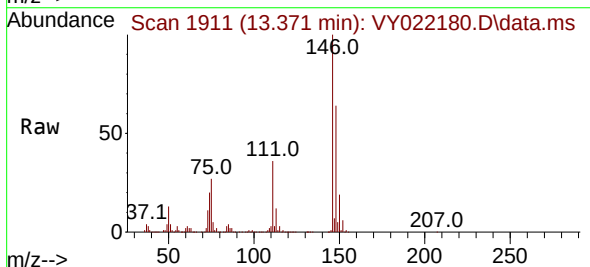
Tgt Ion:146 Resp: 285010

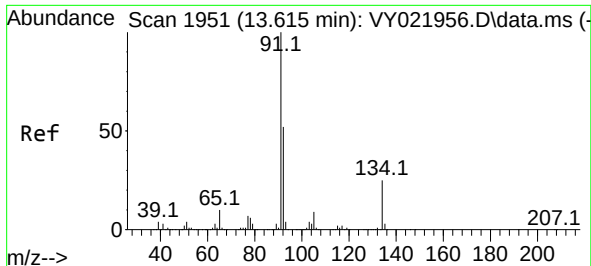
Ion Ratio Lower Upper

146 100

111 37.6 19.2 57.6

148 63.4 32.0 96.0

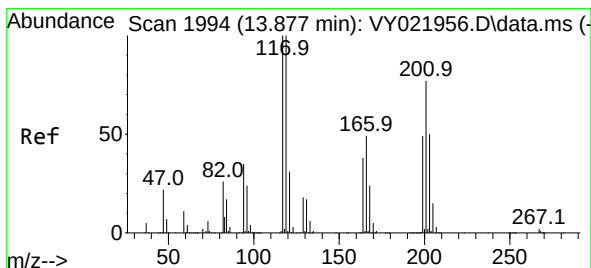
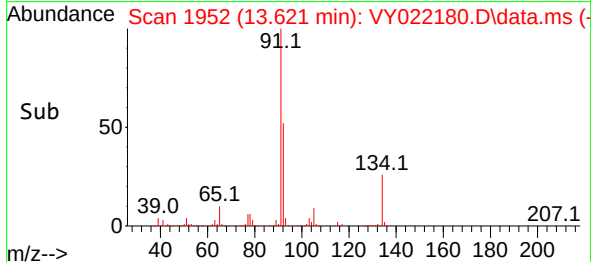
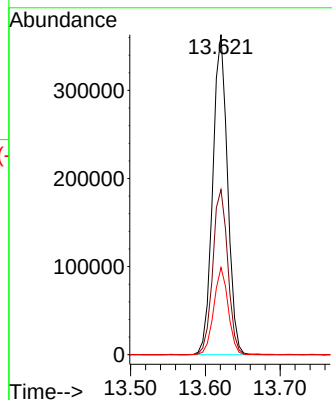
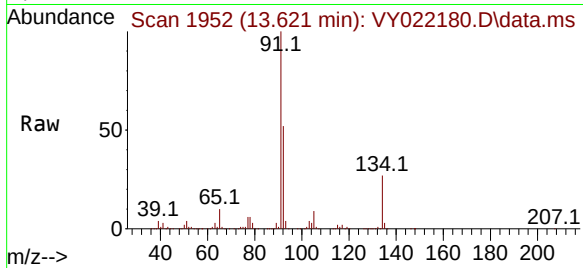




#89
n-Butylbenzene
Concen: 51.791 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

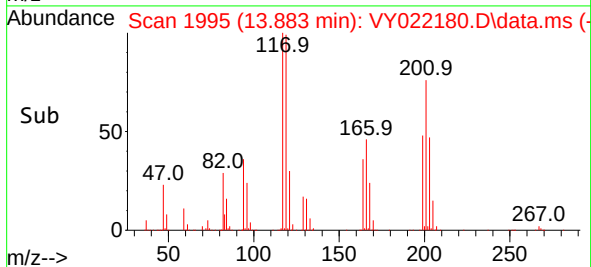
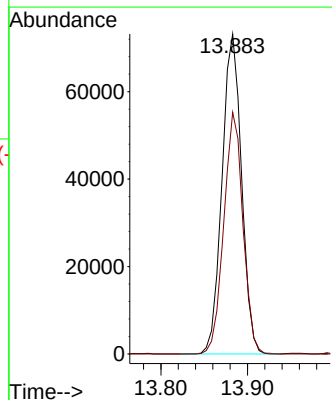
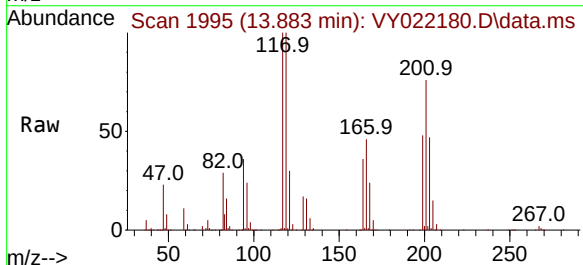
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

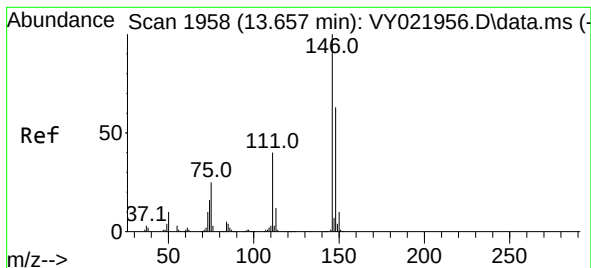
Tgt Ion: 91 Resp: 501602
Ion Ratio Lower Upper
91 100
92 52.4 26.5 79.5
134 26.4 13.4 40.1



#90
Hexachloroethane
Concen: 48.048 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY022180.D
Acq: 06 May 2025 14:42

Tgt Ion: 117 Resp: 114386
Ion Ratio Lower Upper
117 100
201 74.2 38.7 116.1





#91

1,2-Dichlorobenzene

Concen: 46.905 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

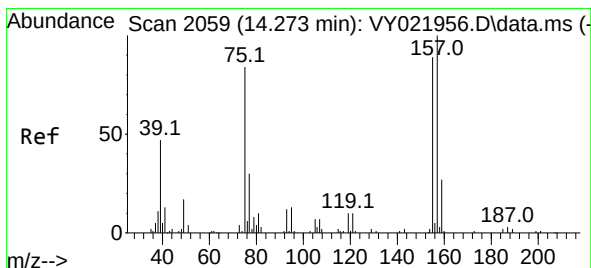
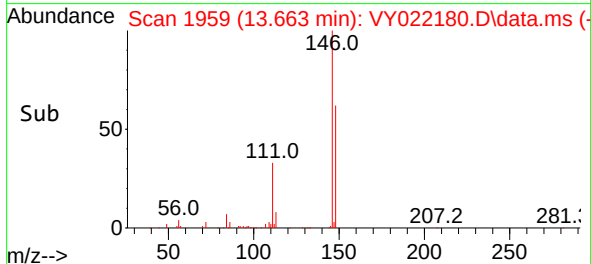
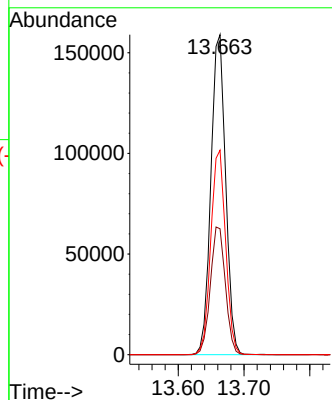
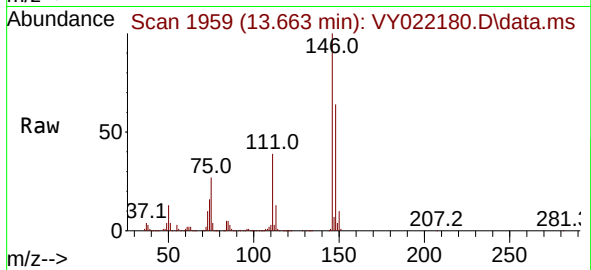
Tgt Ion:146 Resp: 247770

Ion Ratio Lower Upper

146 100

111 40.7 19.7 59.1

148 64.4 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.122 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

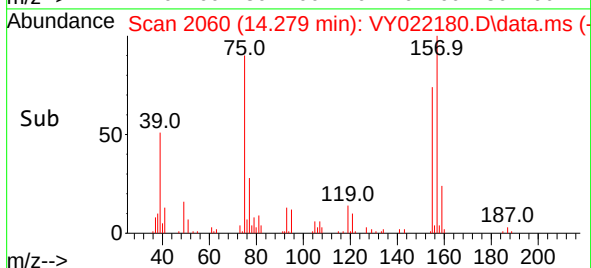
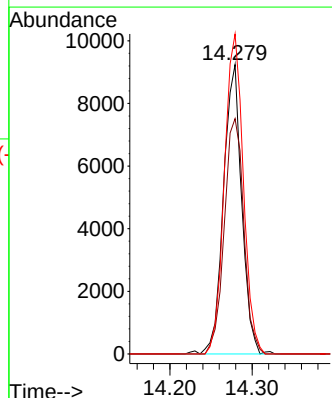
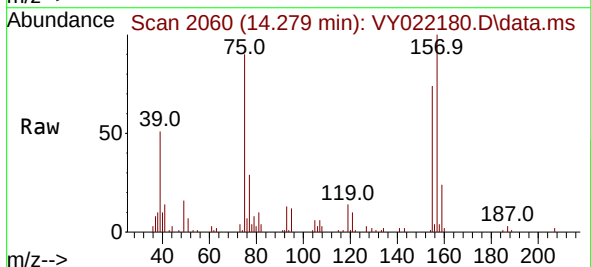
Tgt Ion: 75 Resp: 14283

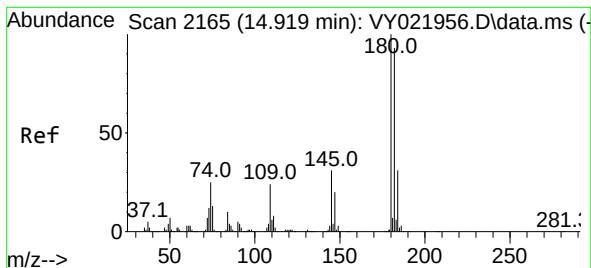
Ion Ratio Lower Upper

75 100

155 86.7 50.7 152.3

157 114.5 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 45.820 ug/l

RT: 14.925 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

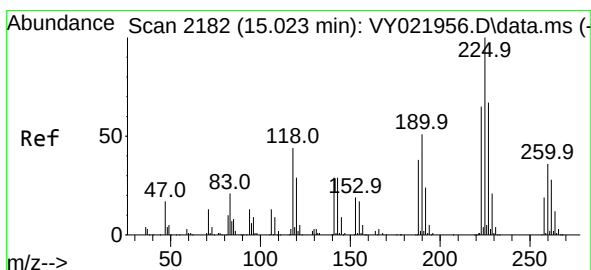
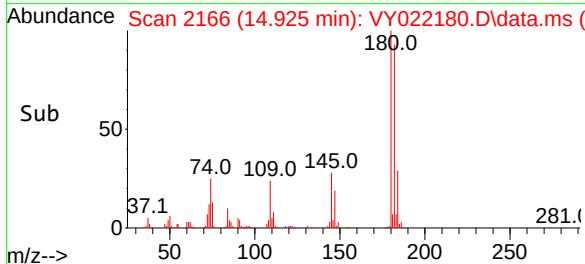
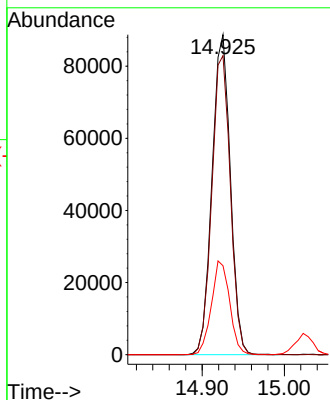
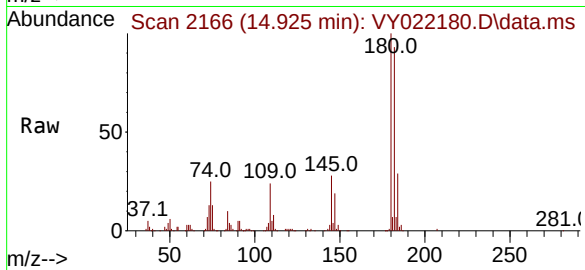
Tgt Ion:180 Resp: 137156

Ion Ratio Lower Upper

180 100

182 94.5 47.1 141.4

145 29.2 15.0 45.0



#94

Hexachlorobutadiene

Concen: 45.912 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

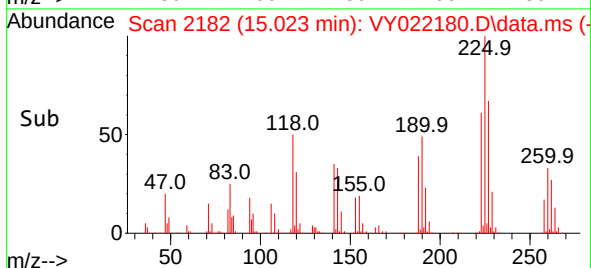
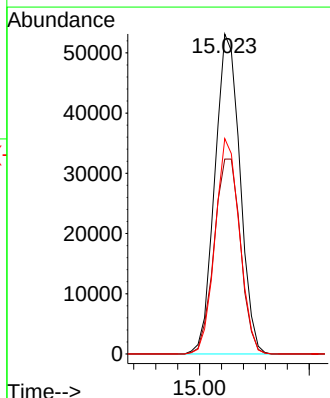
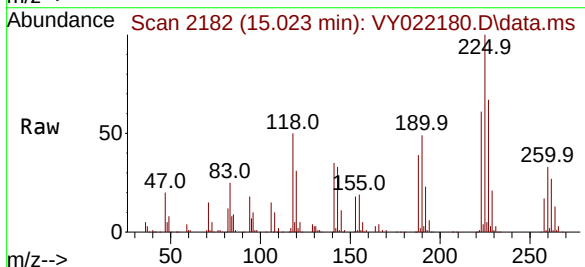
Tgt Ion:225 Resp: 84556

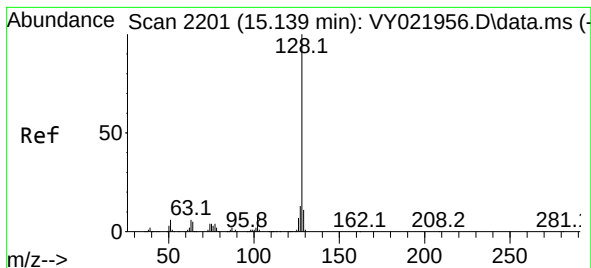
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.5

227 65.1 32.3 96.9





#95

Naphthalene

Concen: 44.574 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

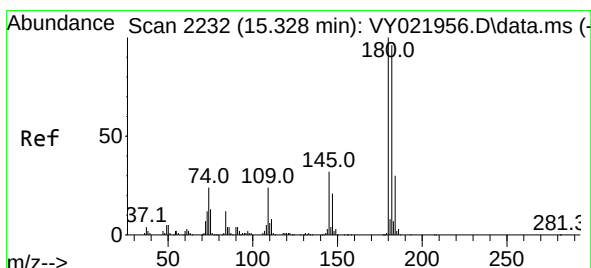
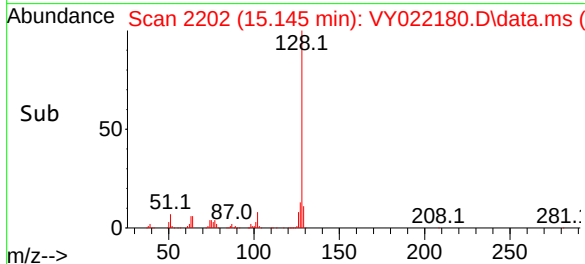
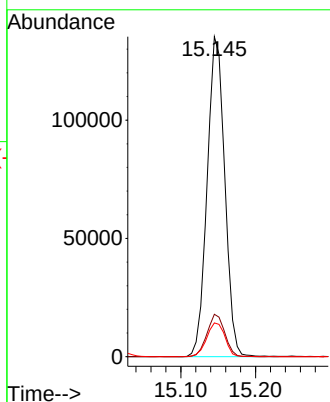
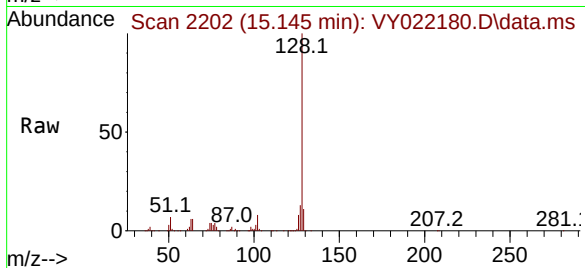
Tgt Ion:128 Resp: 221642

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 45.471 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022180.D

Acq: 06 May 2025 14:42

Tgt Ion:180 Resp: 117493

Ion Ratio Lower Upper

180 100

182 94.2 48.1 144.4

145 31.4 16.0 48.0

