

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
 Data File : VY022757.D
 Acq On : 19 Jun 2025 15:59
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 20 03:01:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	126430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	211778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	183141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	91175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	77903	55.092	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.180%
35) Dibromofluoromethane	7.634	113	70055	55.421	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.840%
50) Toluene-d8	10.103	98	276223	54.081	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.160%
62) 4-Bromofluorobenzene	12.402	95	80369	52.812	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.620%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	48918	43.217	ug/l	97
3) Chloromethane	2.068	50	139936	41.847	ug/l	99
4) Vinyl Chloride	2.202	62	205144	52.882	ug/l	97
5) Bromomethane	2.592	94	160036	43.042	ug/l	99
6) Chloroethane	2.733	64	151327	56.833	ug/l	90
7) Trichlorofluoromethane	3.043	101	189797	57.632	ug/l	98
8) Diethyl Ether	3.452	74	38091	51.360	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	71212	51.342	ug/l	99
10) Methyl Iodide	4.001	142	75388	50.225	ug/l	98
11) Tert butyl alcohol	4.854	59	25978	257.218	ug/l #	90
12) 1,1-Dichloroethene	3.787	96	67853	51.178	ug/l	98
13) Acrolein	3.653	56	8586	68.215	ug/l	100
14) Allyl chloride	4.385	41	100981	48.517	ug/l	98
15) Acrylonitrile	5.061	53	86095	274.100	ug/l	98
16) Acetone	3.866	43	77638	270.353	ug/l	100
17) Carbon Disulfide	4.098	76	197474	46.523	ug/l	99
18) Methyl Acetate	4.385	43	53260	62.630	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	194144	51.989	ug/l	99
20) Methylene Chloride	4.610	84	81060	49.692	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	78572	52.951	ug/l	97
22) Diisopropyl ether	6.019	45	240586	51.930	ug/l	100
23) Vinyl Acetate	5.958	43	682508	248.899	ug/l	99
24) 1,1-Dichloroethane	5.909	63	148335	54.349	ug/l	98
25) 2-Butanone	6.890	43	110501	266.762	ug/l	96
26) 2,2-Dichloropropane	6.884	77	124725	51.721	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	92784	54.098	ug/l	99
28) Bromochloromethane	7.244	49	65547	55.094	ug/l	98
29) Tetrahydrofuran	7.262	42	73433	274.859	ug/l	99
30) Chloroform	7.421	83	152611	56.452	ug/l	96
31) Cyclohexane	7.701	56	124757	45.914	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	131318	54.720	ug/l	99
36) 1,1-Dichloropropene	7.835	75	108464	52.869	ug/l	100
37) Ethyl Acetate	6.982	43	49531	54.138	ug/l	99
38) Carbon Tetrachloride	7.817	117	113618	53.985	ug/l	98
39) Methylcyclohexane	9.109	83	135205	49.040	ug/l	99
40) Benzene	8.079	78	332236	54.829	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	26142	48.918	ug/l #	68
42) 1,2-Dichloroethane	8.158	62	93816	56.703	ug/l	99
43) Isopropyl Acetate	8.195	43	104149	52.709	ug/l	99
44) Trichloroethene	8.866	130	81580	55.086	ug/l	99
45) 1,2-Dichloropropane	9.140	63	80865	56.468	ug/l	99
46) Dibromomethane	9.231	93	45565	56.556	ug/l	99
47) Bromodichloromethane	9.420	83	116648	57.100	ug/l	96
48) Methyl methacrylate	9.219	41	48113	51.882	ug/l	94
49) 1,4-Dioxane	9.225	88	9671	1013.235	ug/l	94
51) 4-Methyl-2-Pentanone	9.993	43	279775	283.996	ug/l	99
52) Toluene	10.170	92	207483	54.486	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	103921	54.293	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	121081	54.342	ug/l	98
55) 1,1,2-Trichloroethane	10.567	97	58789	57.226	ug/l	97
56) Ethyl methacrylate	10.438	69	78389	52.794	ug/l	98
57) 1,3-Dichloropropane	10.713	76	102580	56.337	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	197914	293.581	ug/l	99
59) 2-Hexanone	10.756	43	182297	276.689	ug/l	97
60) Dibromochloromethane	10.908	129	74977	57.430	ug/l	98
61) 1,2-Dibromoethane	11.012	107	52529	56.100	ug/l	97
64) Tetrachloroethene	10.646	164	98264	62.374	ug/l	95
65) Chlorobenzene	11.438	112	217384	53.640	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	75157	55.050	ug/l	100
67) Ethyl Benzene	11.518	91	402957	53.607	ug/l	98
68) m/p-Xylenes	11.627	106	309796	108.717	ug/l	98
69) o-Xylene	11.950	106	143828	53.835	ug/l	97
70) Styrene	11.963	104	242850	54.991	ug/l	99
71) Bromoform	12.127	173	39682	54.620	ug/l #	99
73) Isopropylbenzene	12.249	105	376164	50.253	ug/l	100
74) N-amyl acetate	12.066	43	90776	48.062	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.499	83	62155	50.592	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	89741	86.035	ug/l #	100
77) Bromobenzene	12.530	156	79276	50.187	ug/l	100
78) n-propylbenzene	12.591	91	462622	50.600	ug/l	99
79) 2-Chlorotoluene	12.676	91	242317	50.007	ug/l	98
80) 1,3,5-Trimethylbenzene	12.731	105	295073	50.210	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	20266	46.920	ug/l	98
82) 4-Chlorotoluene	12.773	91	249884	49.989	ug/l	98
83) tert-Butylbenzene	12.993	119	262654	49.797	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	299496	50.954	ug/l	100
85) sec-Butylbenzene	13.170	105	407807	50.483	ug/l	99
86) p-Isopropyltoluene	13.286	119	341530	51.292	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	165880	51.830	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	161167	51.920	ug/l	98
89) n-Butylbenzene	13.615	91	325886	51.586	ug/l	99
90) Hexachloroethane	13.877	117	67152	51.803	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	140641	51.758	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	9711	54.291	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	76997	51.955	ug/l	94
94) Hexachlorobutadiene	15.017	225	43870	53.633	ug/l	95
95) Naphthalene	15.139	128	147042	51.703	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	67045	52.788	ug/l	100

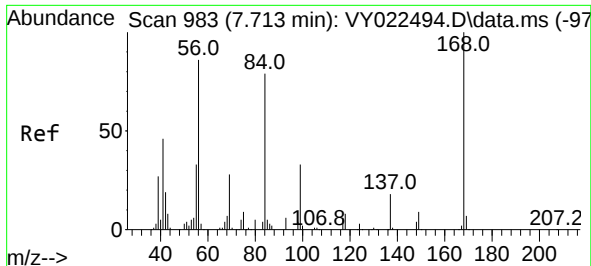
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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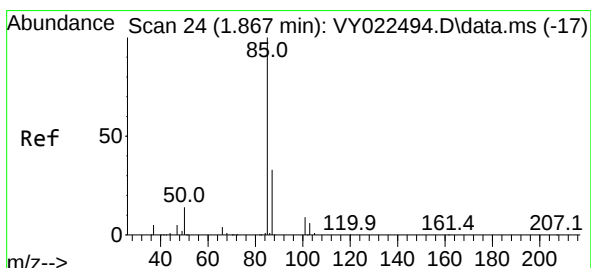
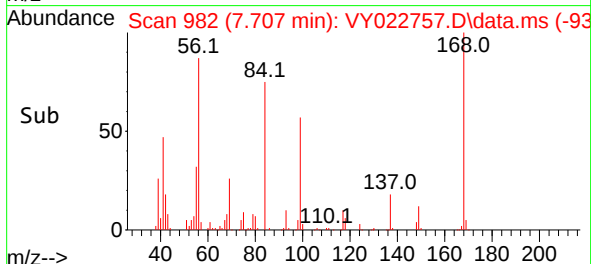
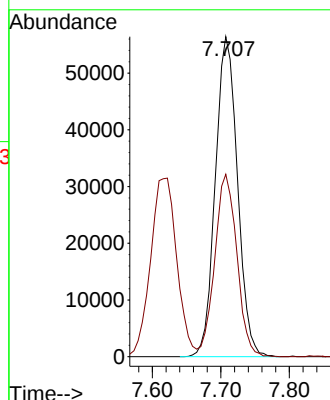
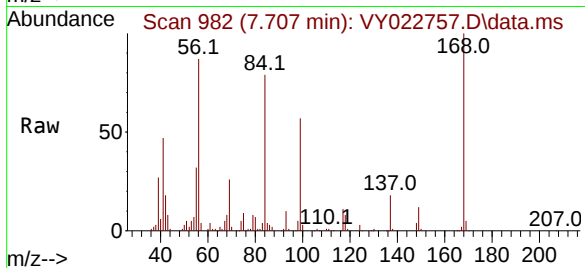
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022757.D
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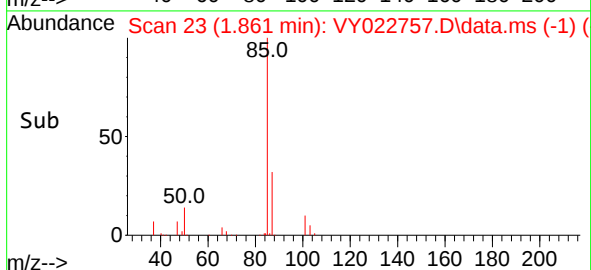
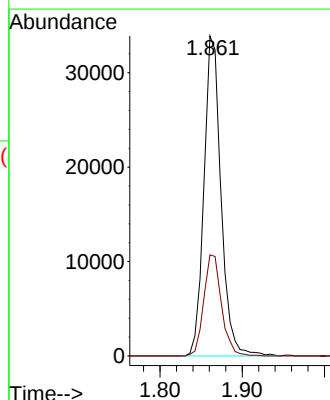
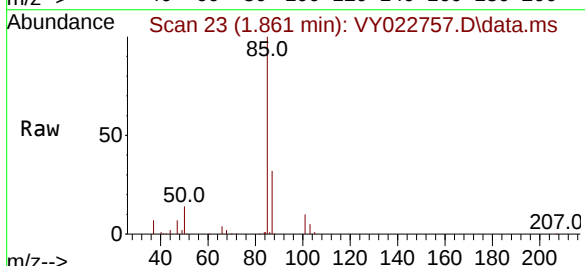
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 126430
Ion Ratio Lower Upper
168 100
99 57.0 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 43.217 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 85 Resp: 48918
Ion Ratio Lower Upper
85 100
87 31.6 16.7 50.0

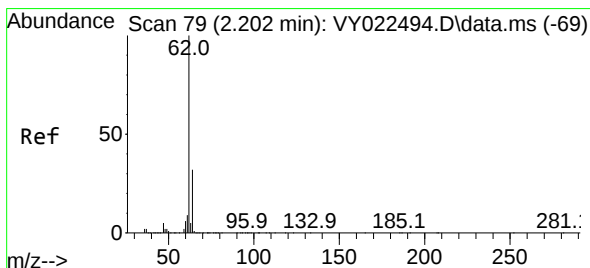
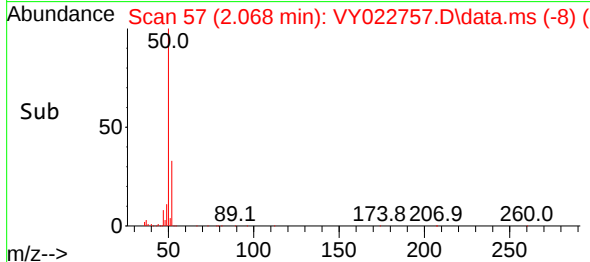
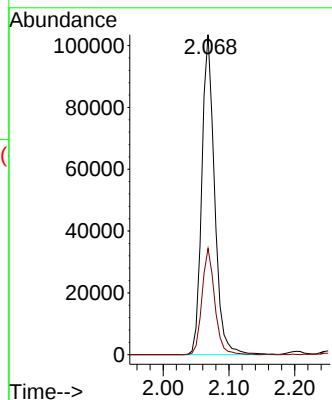
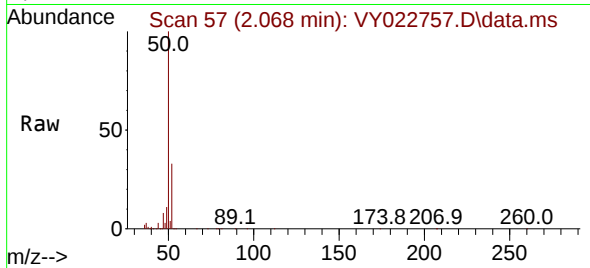




#3
Chloromethane
Concen: 41.847 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

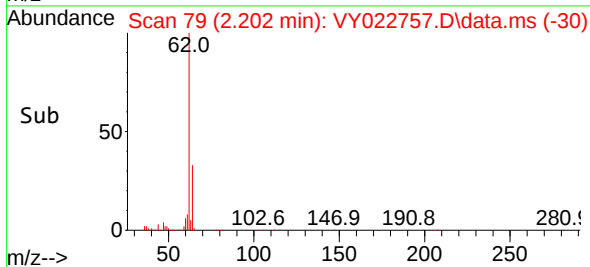
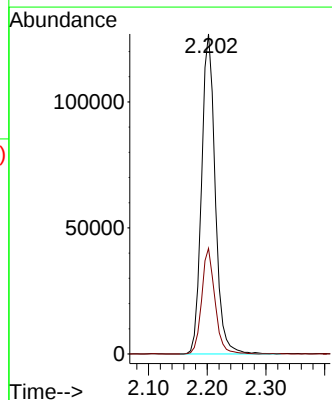
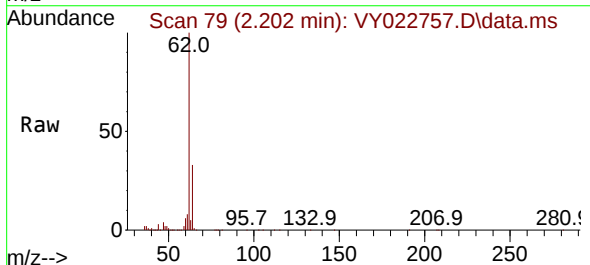
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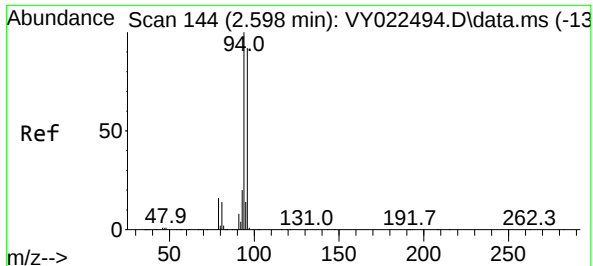
Tgt Ion: 50 Resp: 139936
Ion Ratio Lower Upper
50 100
52 33.2 26.0 39.0



#4
Vinyl Chloride
Concen: 52.882 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 62 Resp: 205144
Ion Ratio Lower Upper
62 100
64 33.0 25.3 37.9

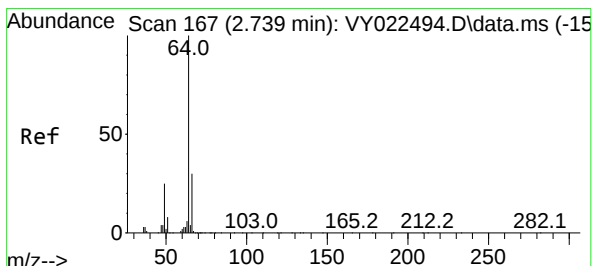
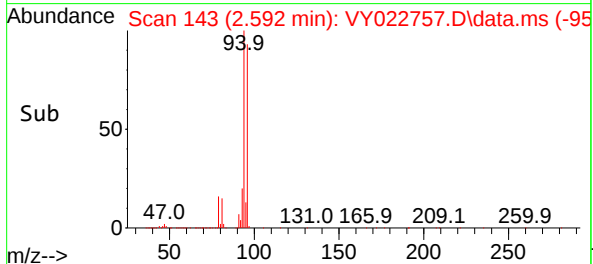
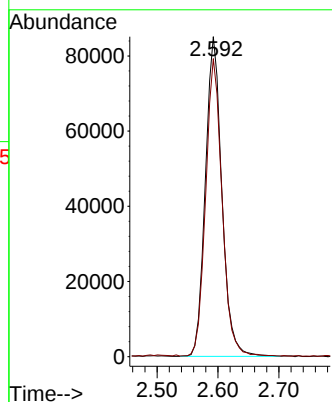
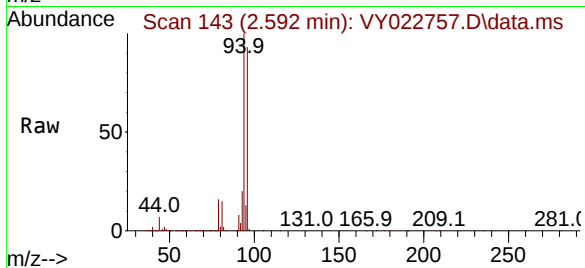




#5
Bromomethane
Concen: 43.042 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

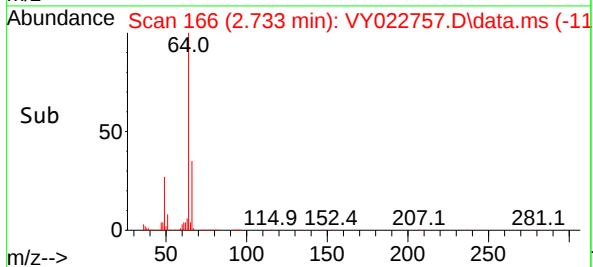
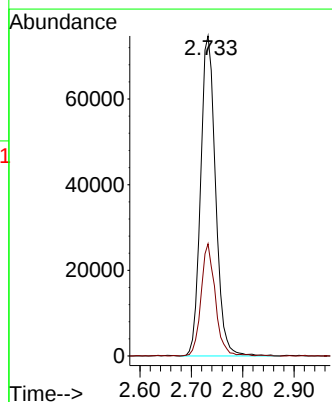
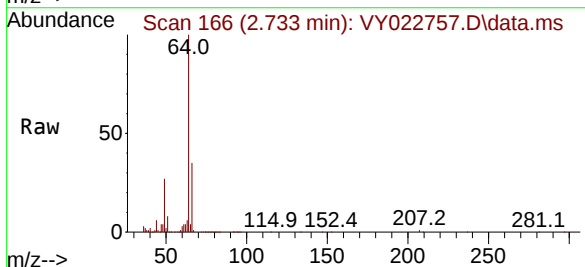
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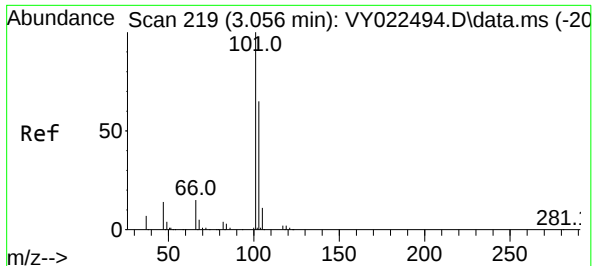
Tgt Ion: 94 Resp: 160036
Ion Ratio Lower Upper
94 100
96 93.0 74.0 111.0



#6
Chloroethane
Concen: 56.833 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 64 Resp: 151327
Ion Ratio Lower Upper
64 100
66 35.0 23.8 35.6

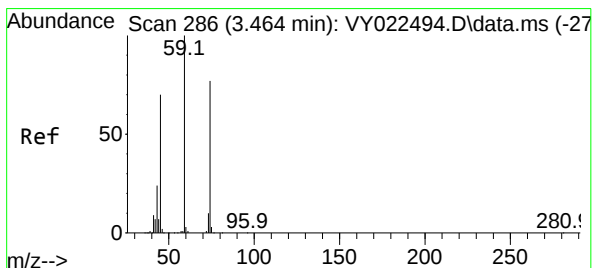
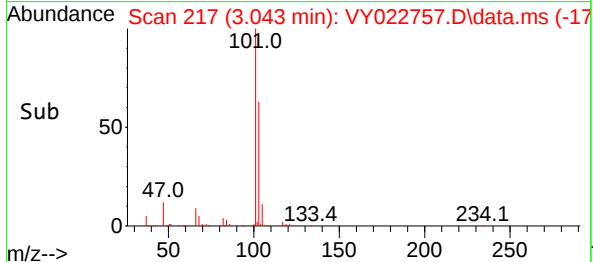
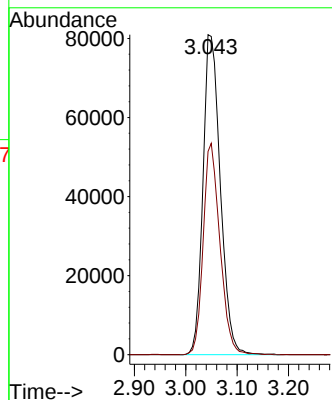
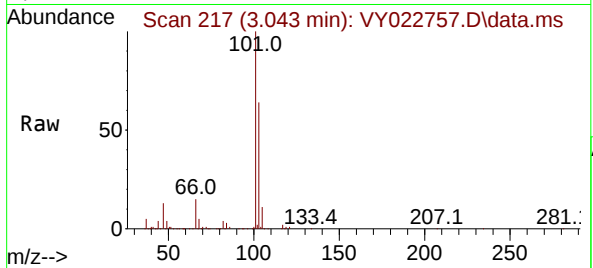




#7
Trichlorofluoromethane
Concen: 57.632 ug/l
RT: 3.043 min Scan# 219
Delta R.T. -0.012 min
Lab File: VY022757.D
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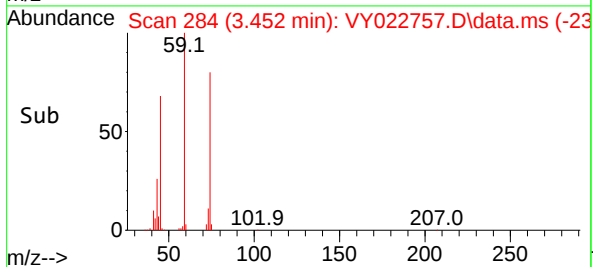
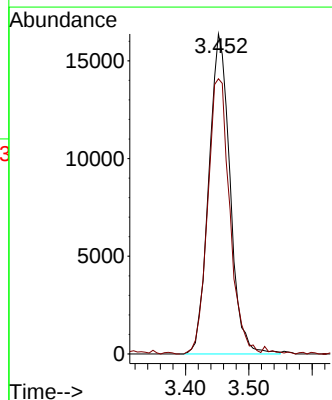
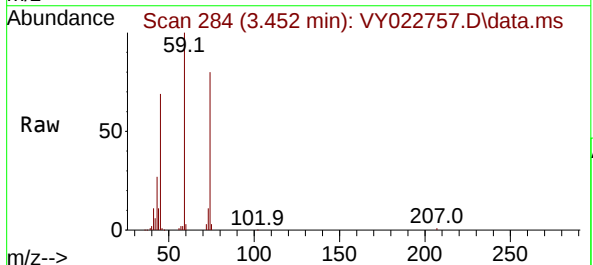
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Tgt Ion:101 Resp: 189797
Ion Ratio Lower Upper
101 100
103 63.5 52.2 78.2



#8
Diethyl Ether
Concen: 51.360 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 74 Resp: 38091
Ion Ratio Lower Upper
74 100
45 89.5 45.9 137.6

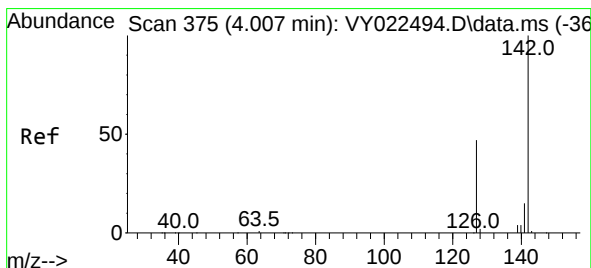
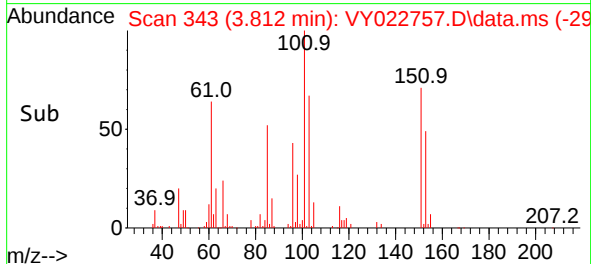
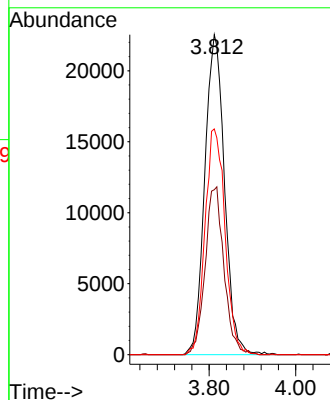
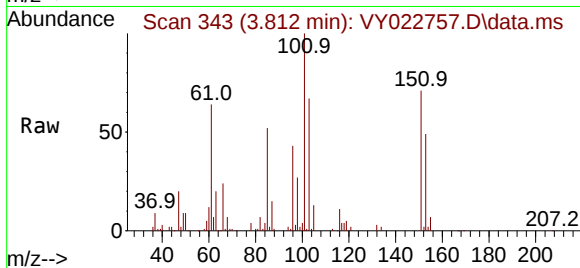




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.342 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
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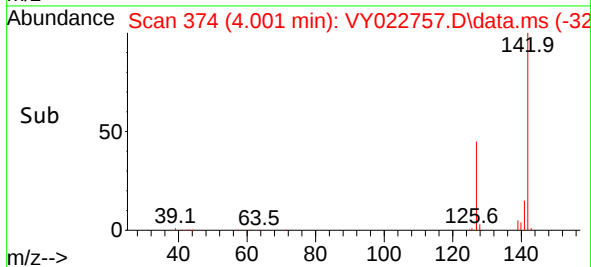
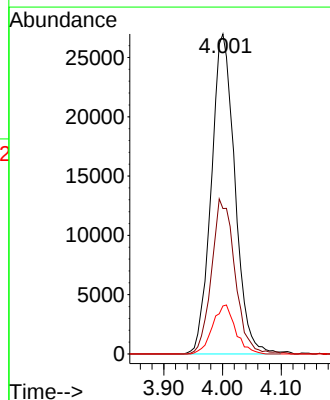
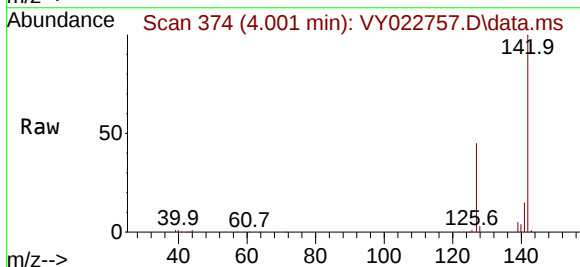
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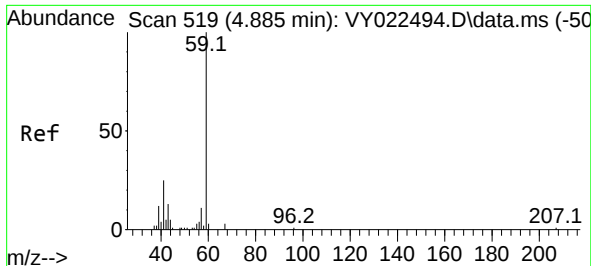
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Ion Ratio Lower Upper
101 100
85 50.3 39.3 58.9
151 71.7 57.8 86.8



#10
Methyl Iodide
Concen: 50.225 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion:142 Resp: 75388
Ion Ratio Lower Upper
142 100
127 48.0 37.1 55.7
141 14.9 11.4 17.2

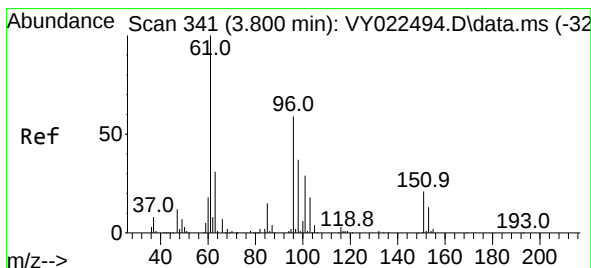
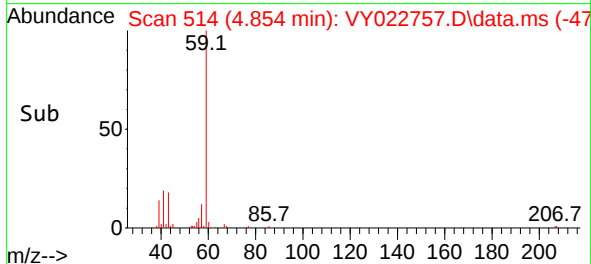
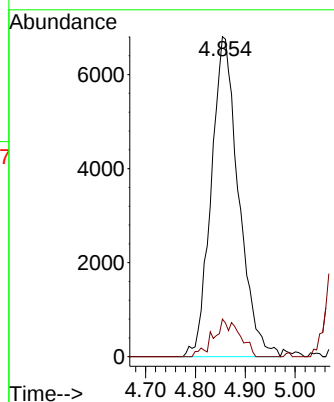
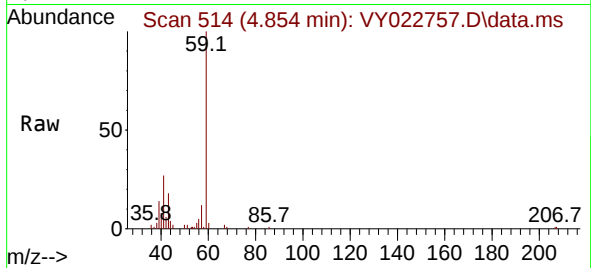




#11
Tert butyl alcohol
Concen: 257.218 ug/l
RT: 4.854 min Scan# 519
Delta R.T. -0.031 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

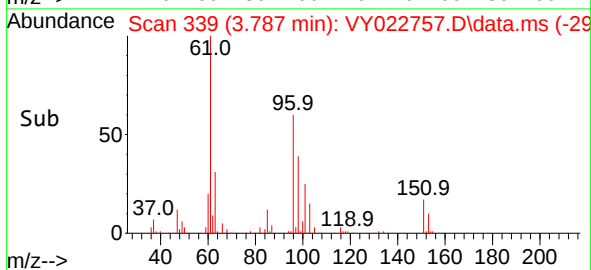
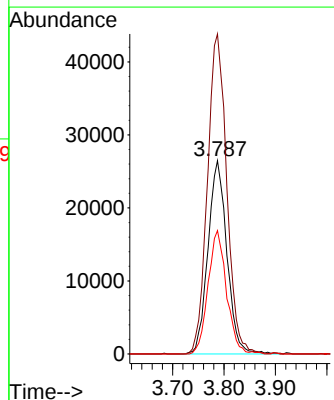
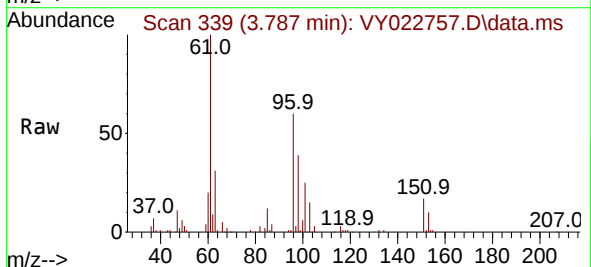
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

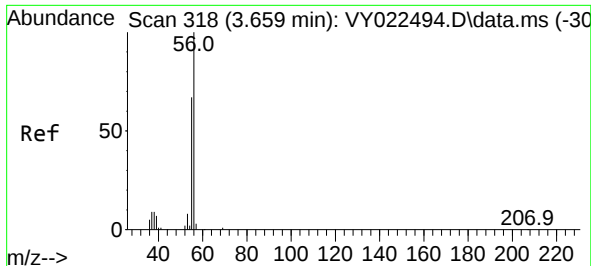
Tgt Ion: 59 Resp: 25978
Ion Ratio Lower Upper
59 100
57 6.4 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 51.178 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 96 Resp: 67853
Ion Ratio Lower Upper
96 100
61 165.6 134.6 201.8
98 63.9 50.2 75.4

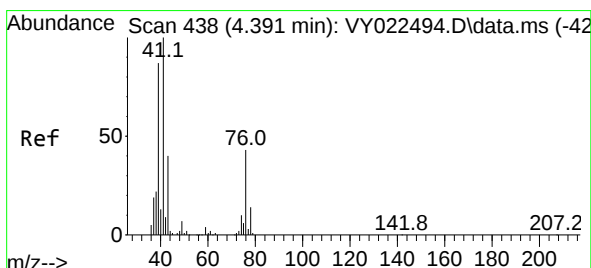
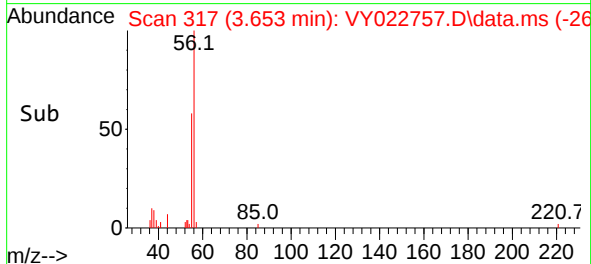
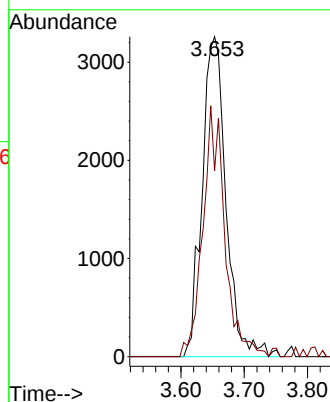
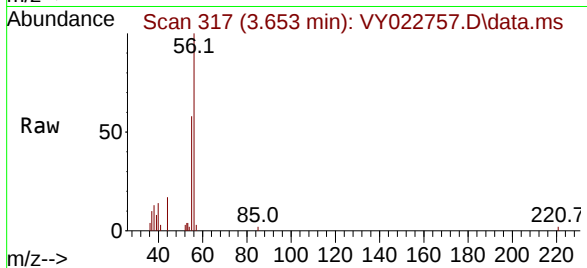




#13
Acrolein
Concen: 68.215 ug/l
RT: 3.653 min Scan# 318
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

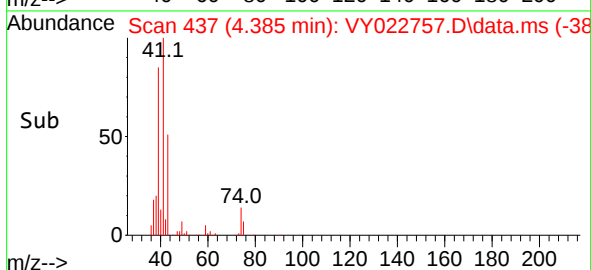
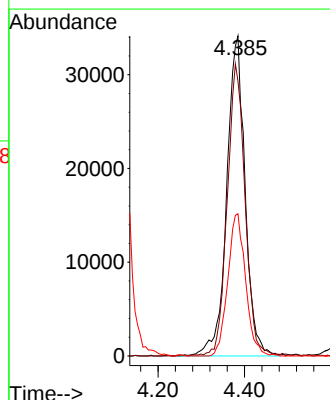
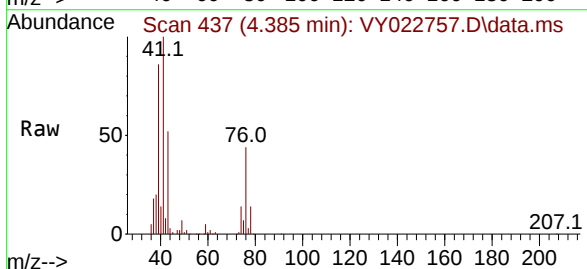
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 8586
Ion Ratio Lower Upper
56 100
55 71.3 57.0 85.6



#14
Allyl chloride
Concen: 48.517 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 41 Resp: 100981
Ion Ratio Lower Upper
41 100
39 88.8 69.1 103.7
76 43.1 33.5 50.3

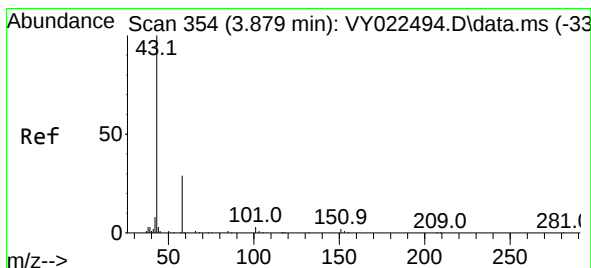
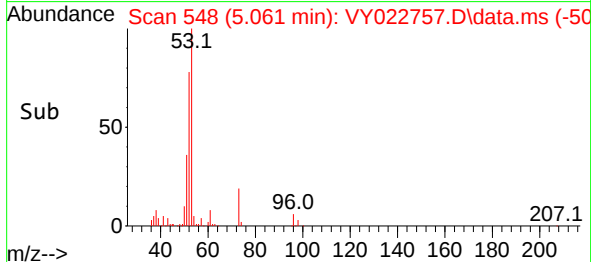
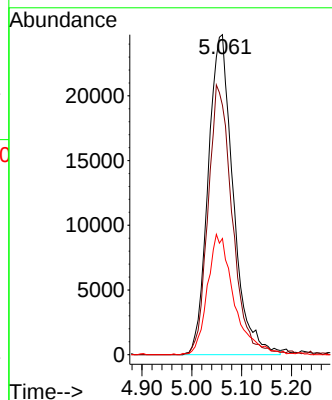
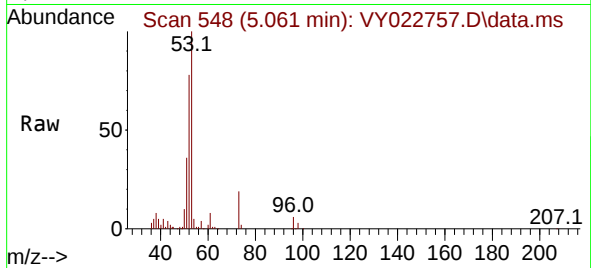




#15
Acrylonitrile
Concen: 274.100 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

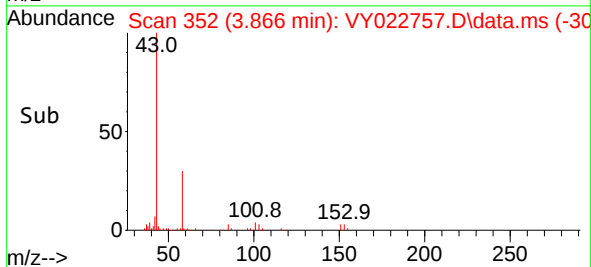
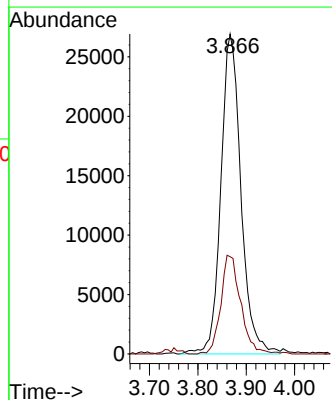
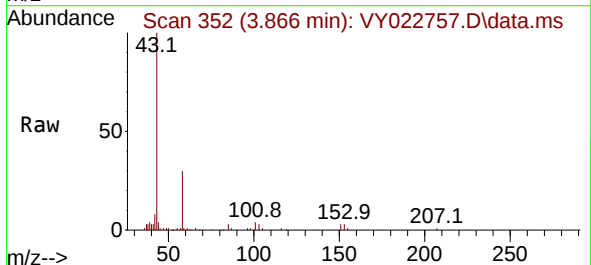
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

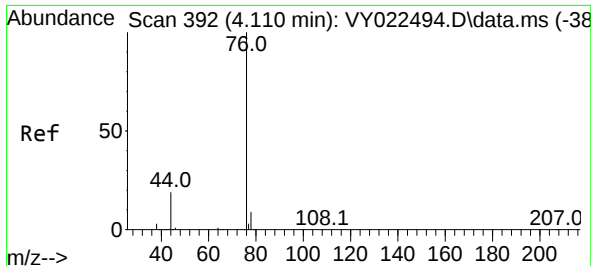
Tgt Ion: 53 Resp: 86095
Ion Ratio Lower Upper
53 100
52 81.4 65.7 98.5
51 40.1 30.1 45.1



#16
Acetone
Concen: 270.353 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 43 Resp: 77638
Ion Ratio Lower Upper
43 100
58 30.1 24.0 36.0

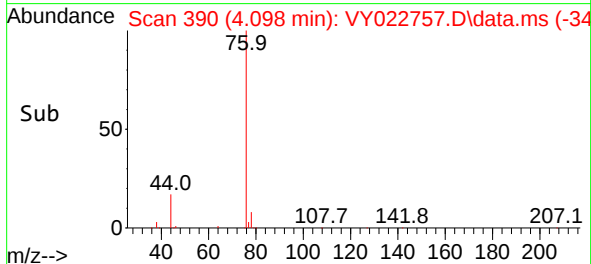
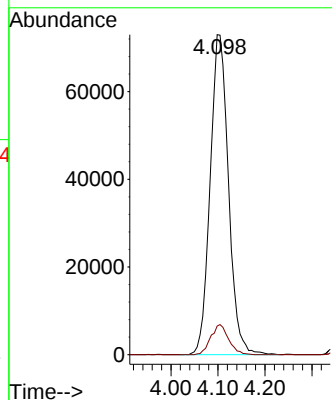
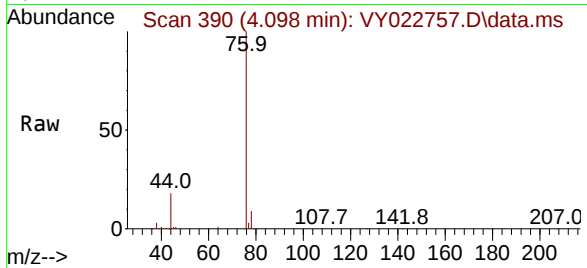




#17
Carbon Disulfide
Concen: 46.523 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

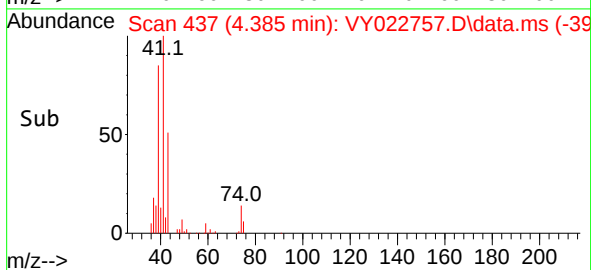
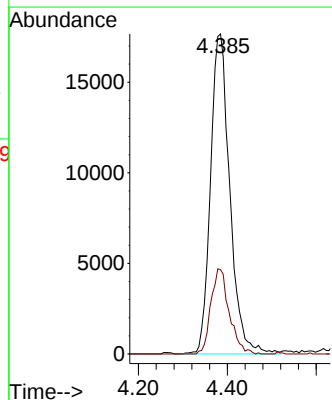
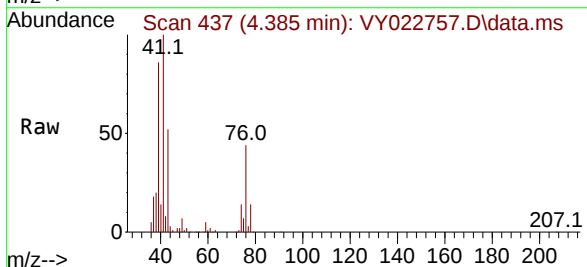
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

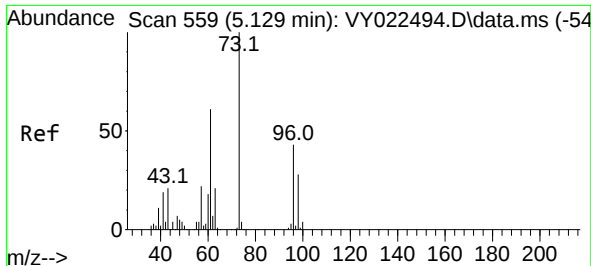
Tgt Ion: 76 Resp: 197474
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 62.630 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 43 Resp: 53260
Ion Ratio Lower Upper
43 100
74 25.2 19.8 29.6

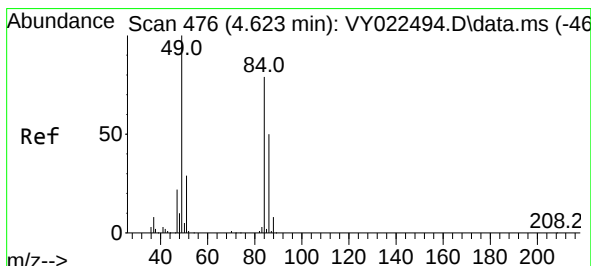
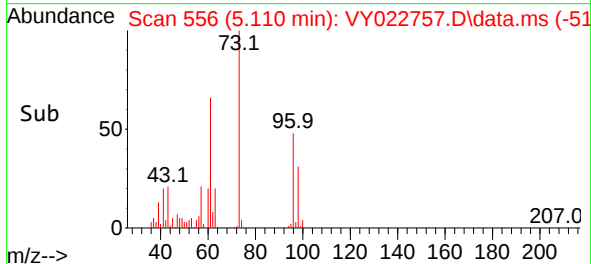
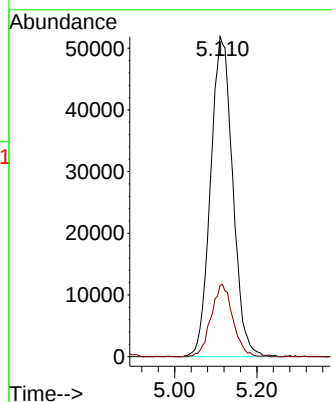
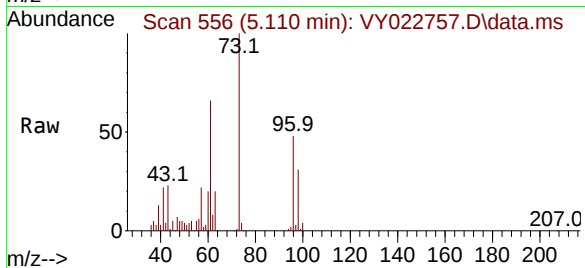




#19
Methyl tert-butyl Ether
Concen: 51.989 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

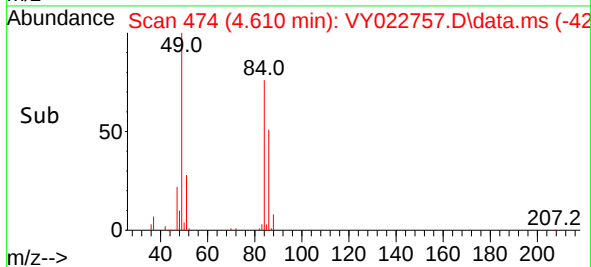
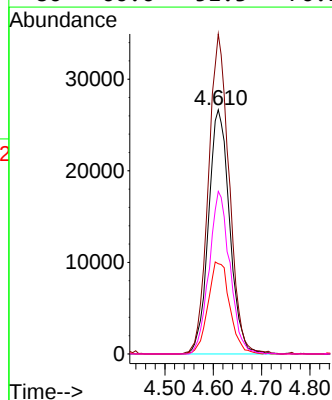
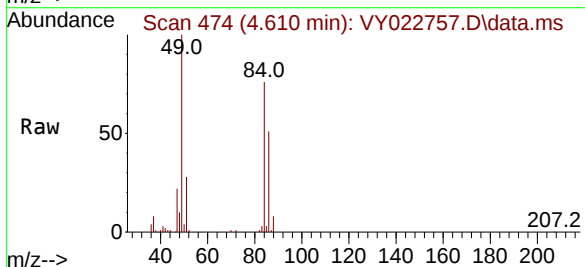
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

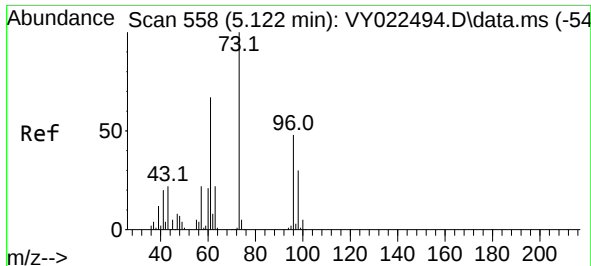
Tgt Ion: 73 Resp: 194144
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.0



#20
Methylene Chloride
Concen: 49.692 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 84 Resp: 81060
Ion Ratio Lower Upper
84 100
49 131.1 101.9 152.9
51 37.0 29.8 44.8
86 66.6 51.3 76.9

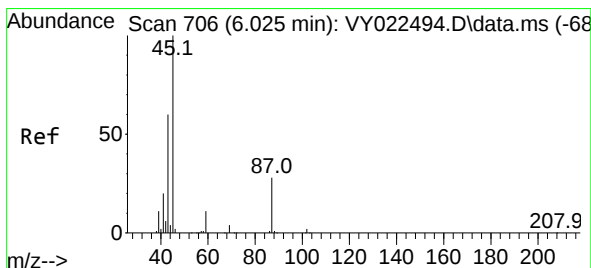
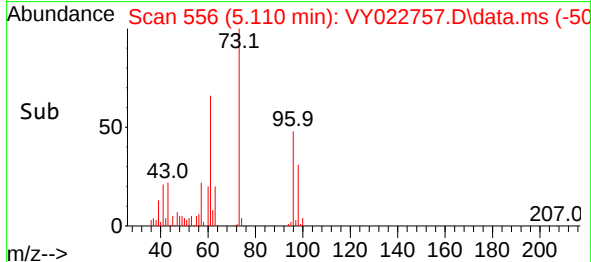
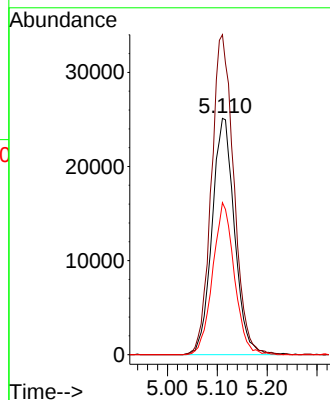
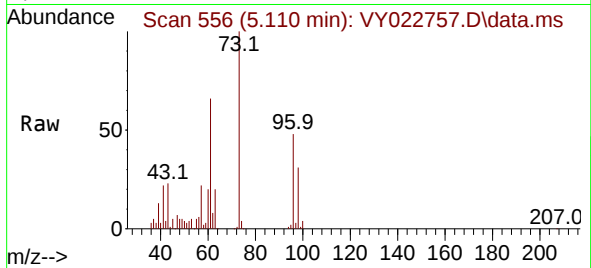




#21
trans-1,2-Dichloroethene
Concen: 52.951 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

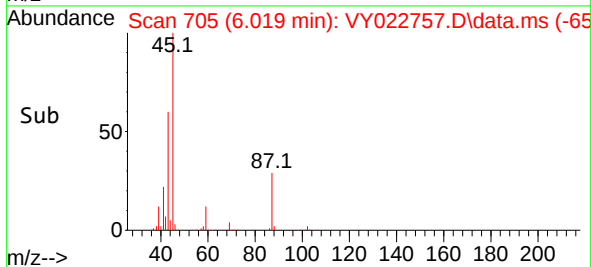
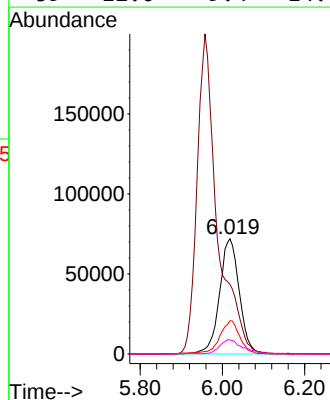
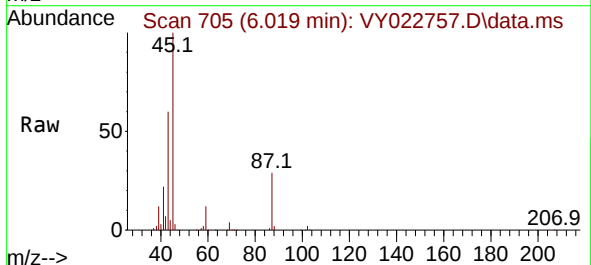
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

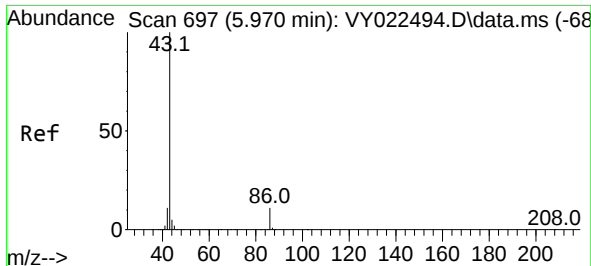
Tgt Ion: 96 Resp: 78572
Ion Ratio Lower Upper
96 100
61 135.4 112.6 169.0
98 64.3 50.6 75.8



#22
Diisopropyl ether
Concen: 51.930 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 45 Resp: 240586
Ion Ratio Lower Upper
45 100
43 60.0 48.3 72.5
87 28.9 23.0 34.6
59 12.0 9.4 14.0

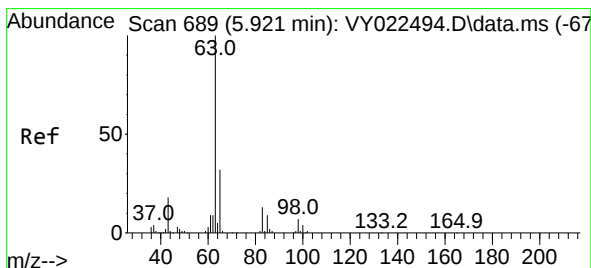
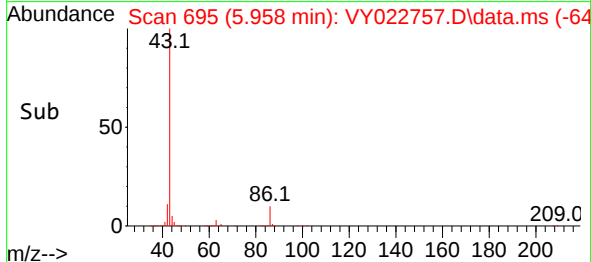
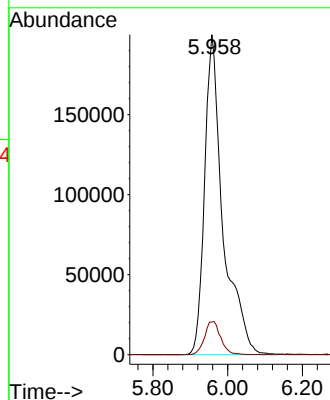
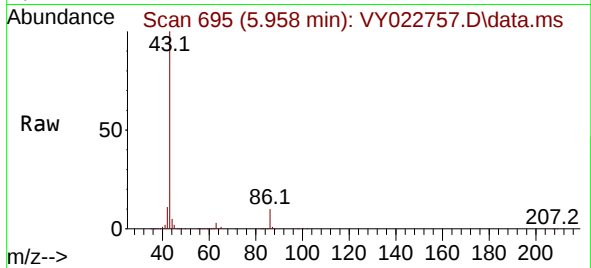




#23
 Vinyl Acetate
 Concen: 248.899 ug/l
 RT: 5.958 min Scan# 64
 Delta R.T. -0.012 min
 Lab File: VY022757.D
 Acq: 19 Jun 2025 15:59

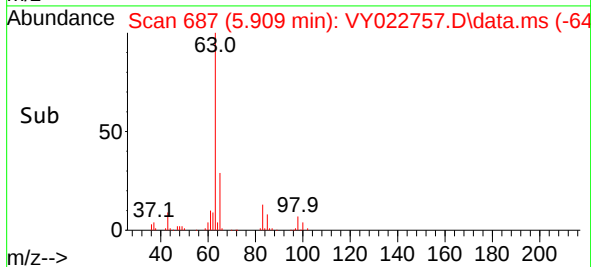
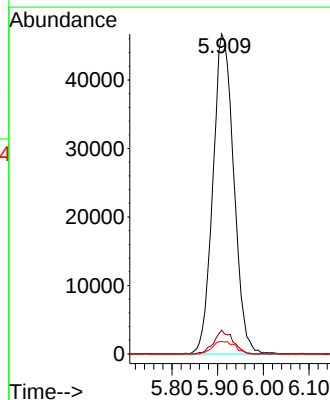
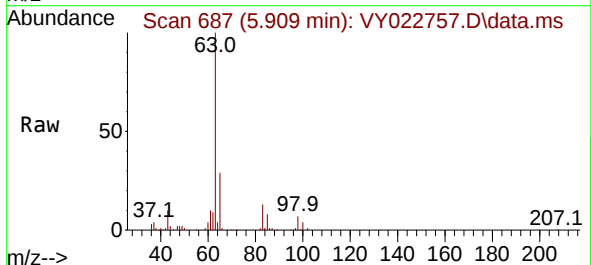
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 682508
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 54.349 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022757.D
 Acq: 19 Jun 2025 15:59

Tgt Ion: 63 Resp: 148335
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.1
 100 3.9 2.1 6.3





#25

2-Butanone

Concen: 266.762 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

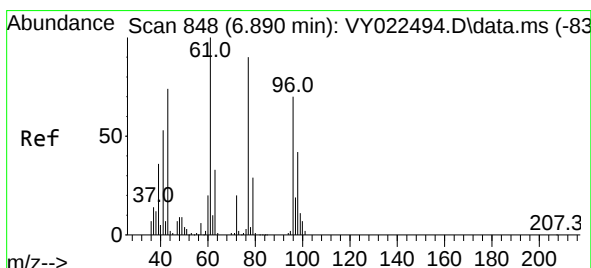
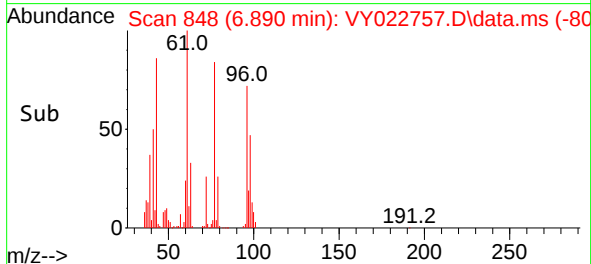
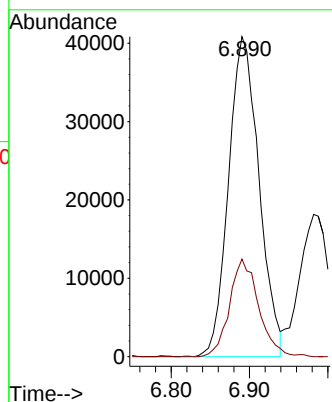
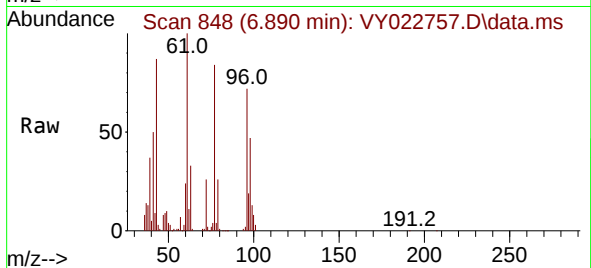
VSTDCCC050EC

Tgt Ion: 43 Resp: 110501

Ion Ratio Lower Upper

43 100

72 30.5 22.9 34.3



#26

2,2-Dichloropropane

Concen: 51.721 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY022757.D

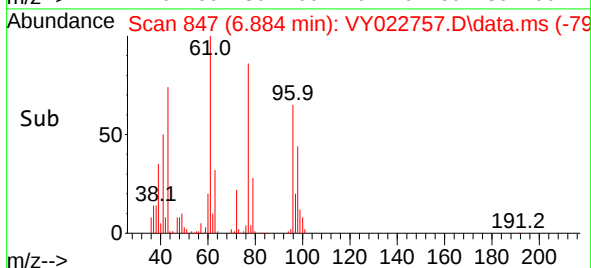
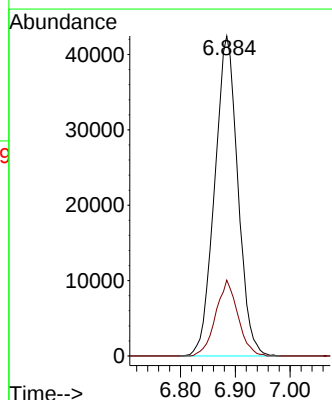
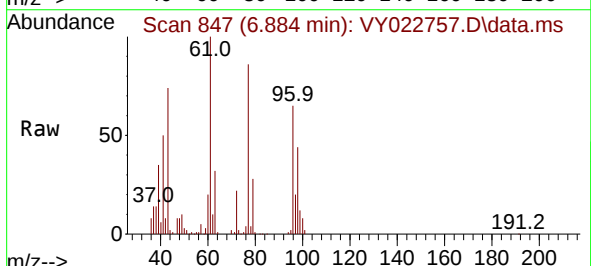
Acq: 19 Jun 2025 15:59

Tgt Ion: 77 Resp: 124725

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 54.098 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

Instrument :

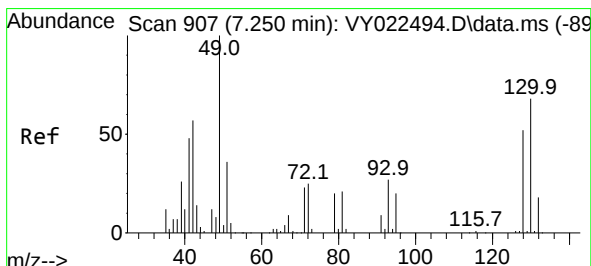
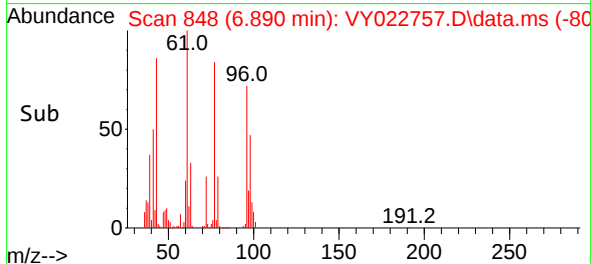
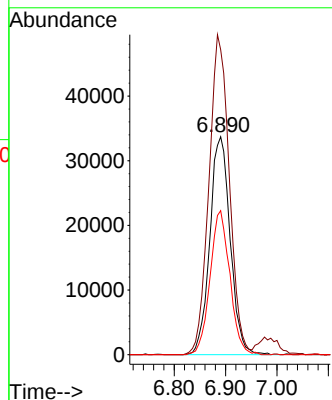
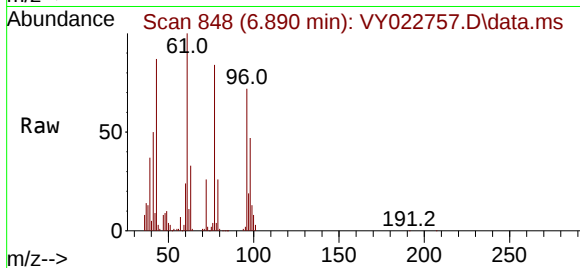
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 92784

Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	290.0
98	64.1	0.0	128.4



#28

Bromochloromethane

Concen: 55.094 ug/l

RT: 7.244 min Scan# 906

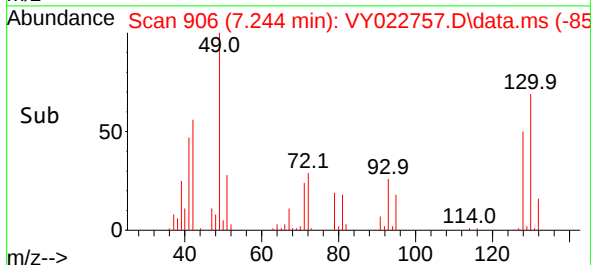
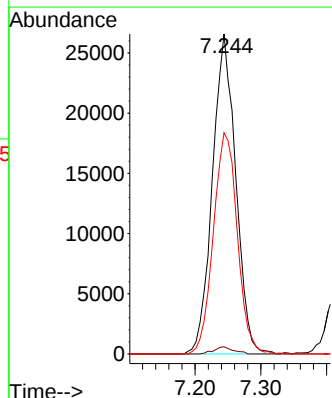
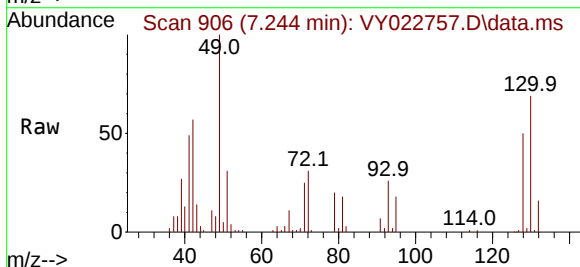
Delta R.T. -0.006 min

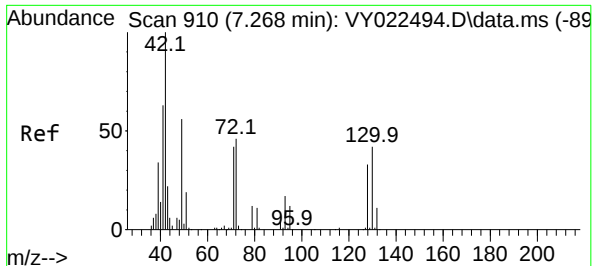
Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

Tgt Ion: 49 Resp: 65547

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	71.0	55.7	83.5





#29

Tetrahydrofuran

Concen: 274.859 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

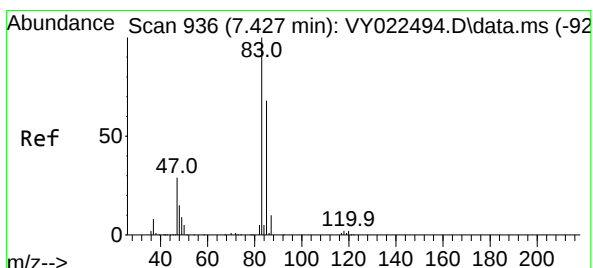
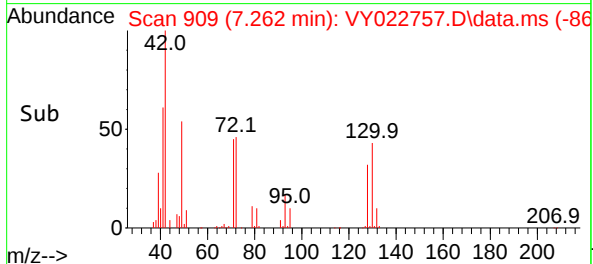
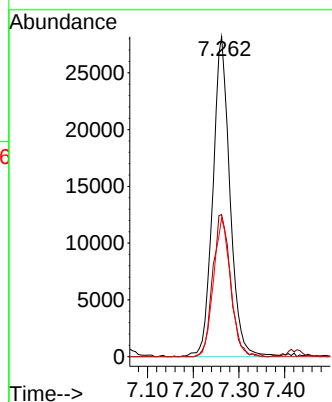
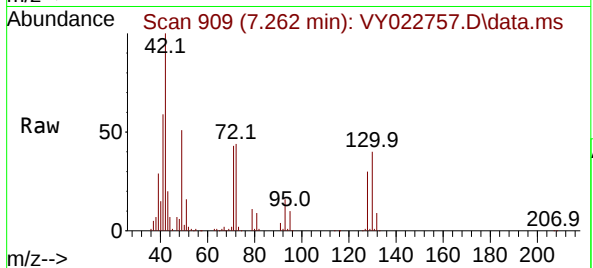
Tgt Ion: 42 Resp: 73433

Ion Ratio Lower Upper

42 100

72 46.0 37.4 56.2

71 43.4 34.2 51.2



#30

Chloroform

Concen: 56.452 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022757.D

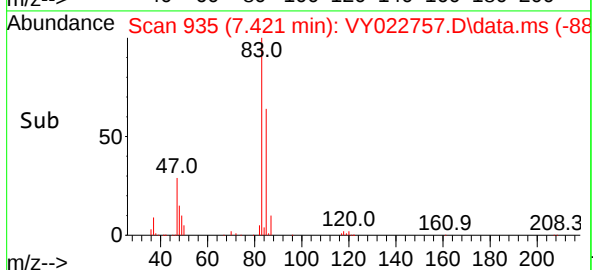
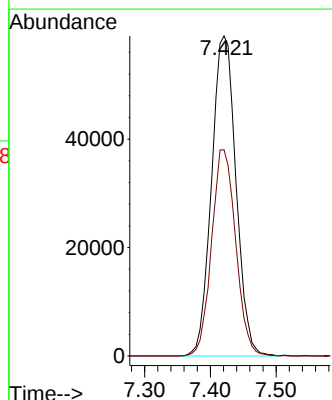
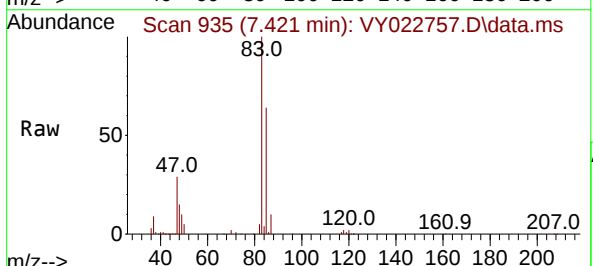
Acq: 19 Jun 2025 15:59

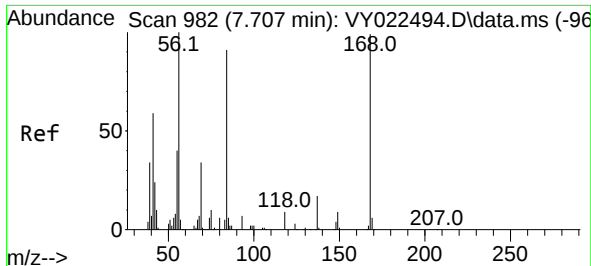
Tgt Ion: 83 Resp: 152611

Ion Ratio Lower Upper

83 100

85 64.4 54.2 81.4

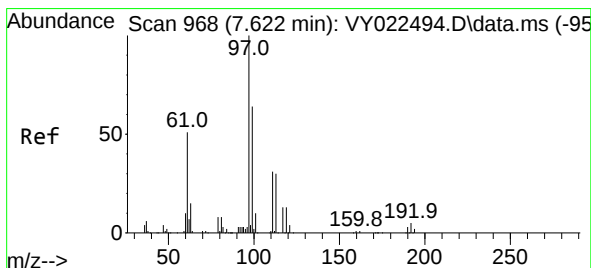
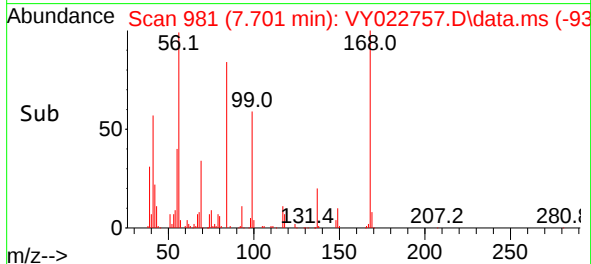
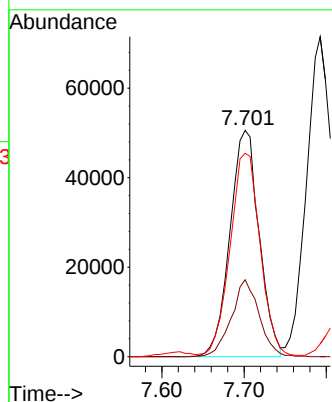
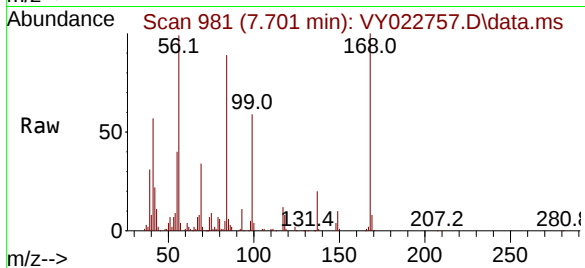




#31
Cyclohexane
Concen: 45.914 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

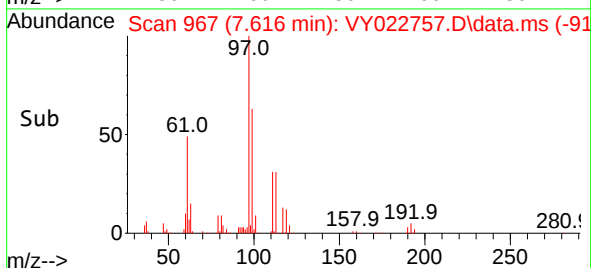
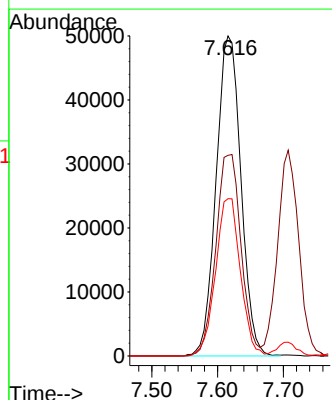
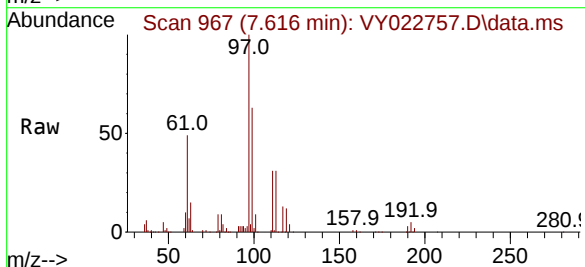
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

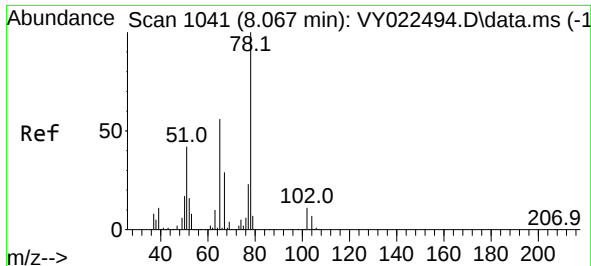
Tgt Ion: 56 Resp: 124757
Ion Ratio Lower Upper
56 100
69 34.0 27.0 40.6
84 87.7 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 54.720 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 97 Resp: 131318
Ion Ratio Lower Upper
97 100
99 64.0 50.9 76.3
61 49.2 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 55.092 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

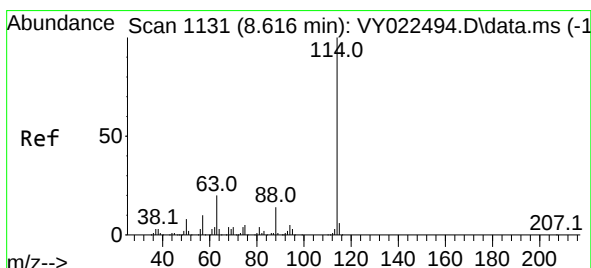
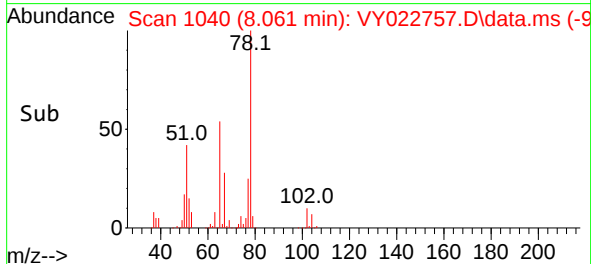
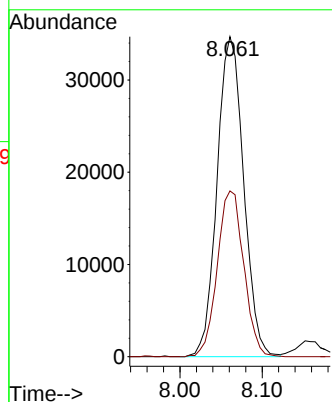
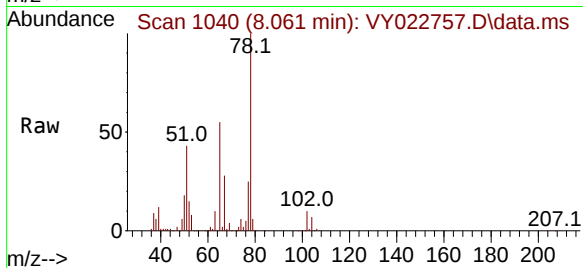
VSTDCCC050EC

Tgt Ion: 65 Resp: 77903

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

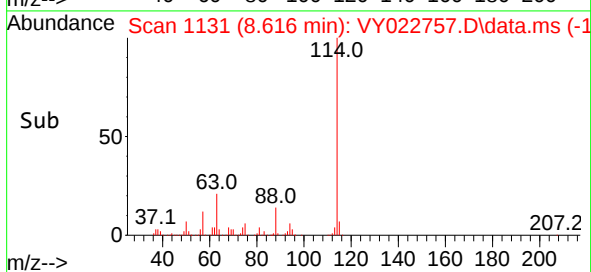
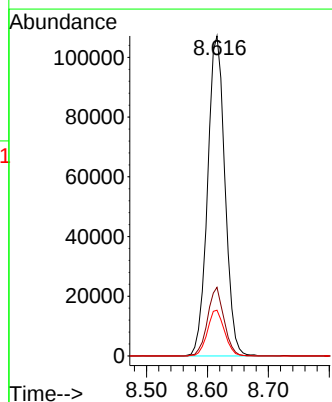
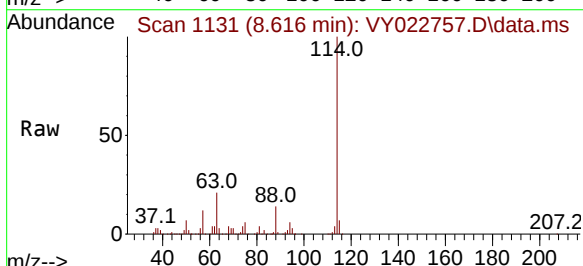
Tgt Ion: 114 Resp: 211778

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.8

88 14.3 0.0 27.8

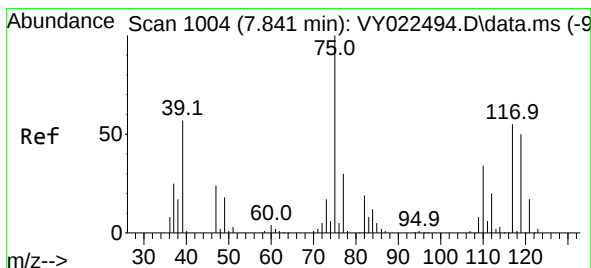
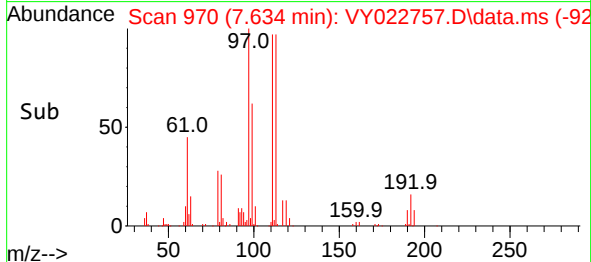
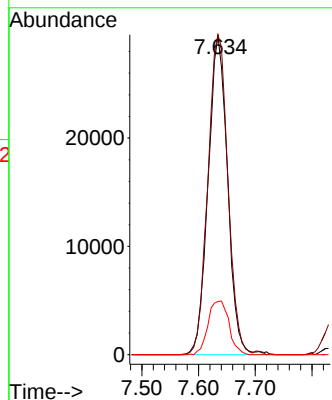
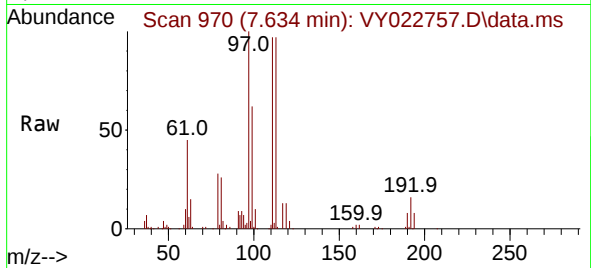




#35
Dibromofluoromethane
Concen: 55.421 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

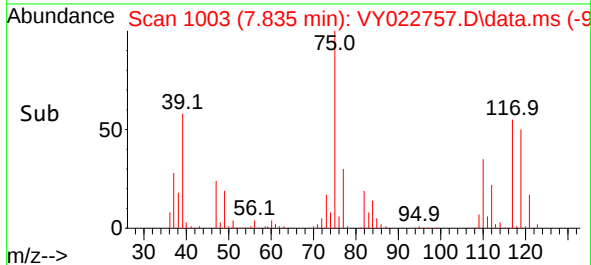
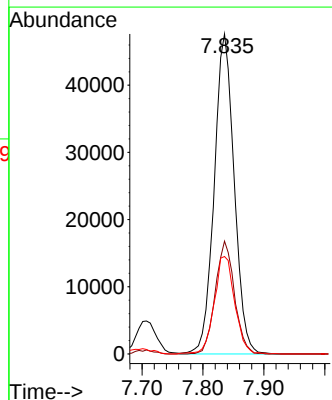
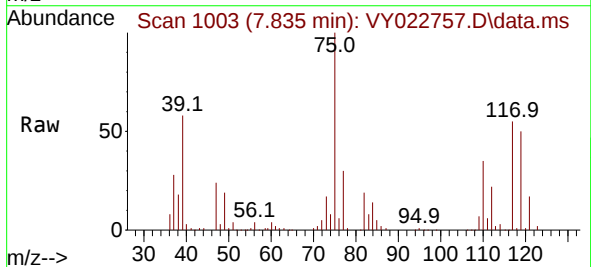
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

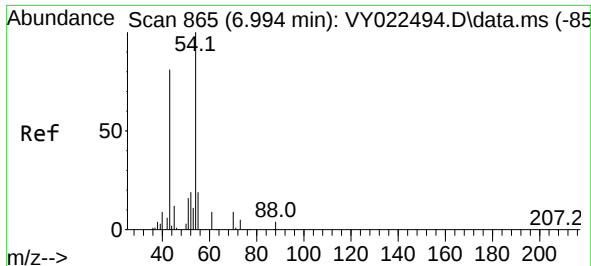
Tgt Ion:113 Resp: 70055
Ion Ratio Lower Upper
113 100
111 103.1 81.1 121.7
192 18.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 52.869 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 75 Resp: 108464
Ion Ratio Lower Upper
75 100
110 33.8 16.9 50.7
77 31.3 24.8 37.2





#37

Ethyl Acetate

Concen: 54.138 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.012 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

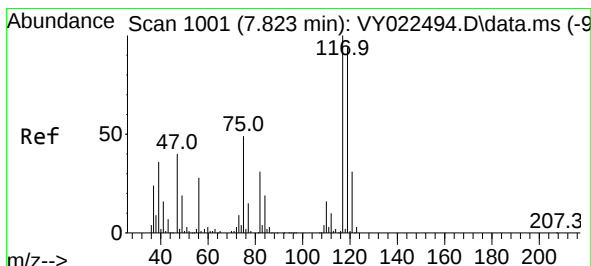
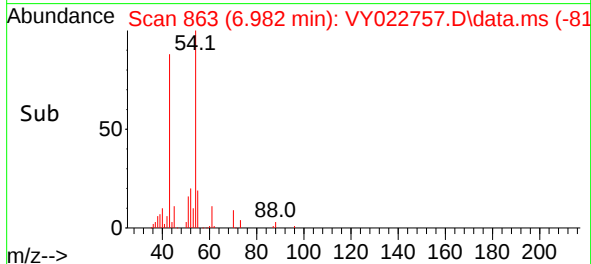
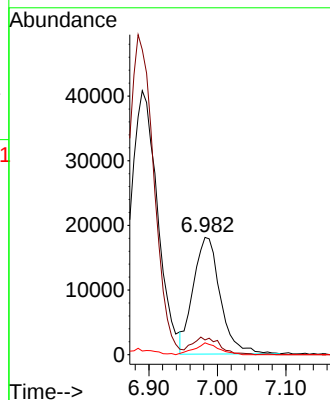
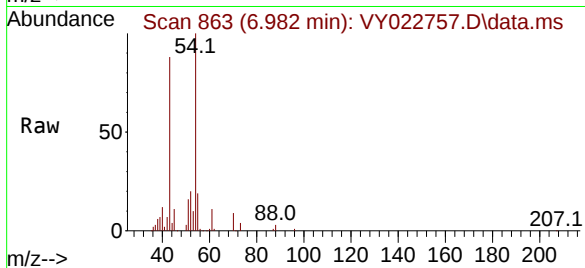
Tgt Ion: 43 Resp: 49531

Ion Ratio Lower Upper

43 100

61 15.1 11.5 17.3

70 9.0 7.2 10.8



#38

Carbon Tetrachloride

Concen: 53.985 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

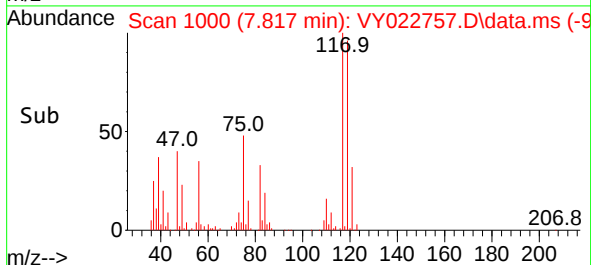
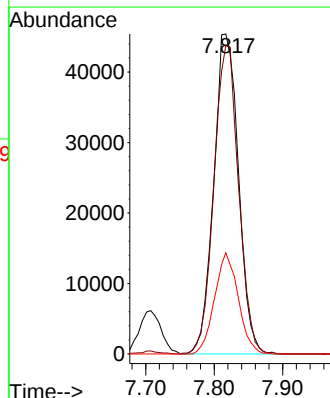
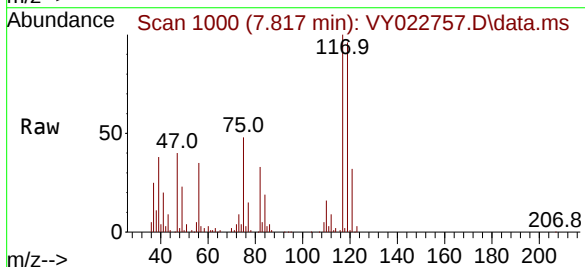
Tgt Ion: 117 Resp: 113618

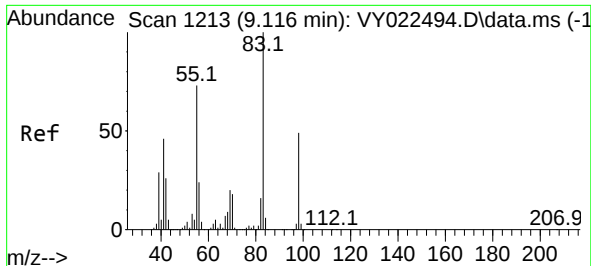
Ion Ratio Lower Upper

117 100

119 96.4 75.0 112.6

121 31.7 25.0 37.4





#39

Methylcyclohexane

Concen: 49.040 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC050EC

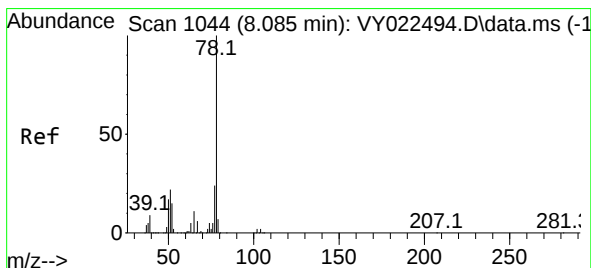
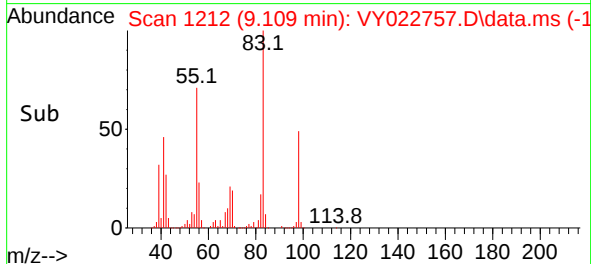
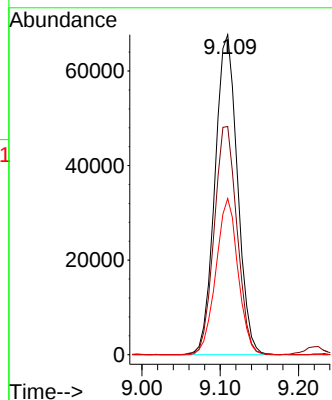
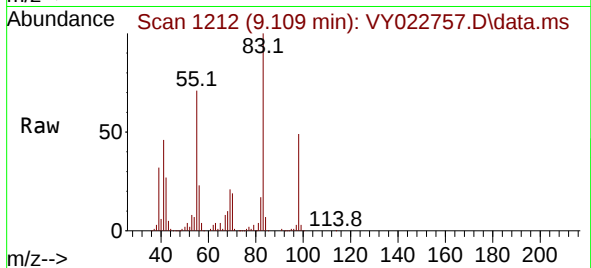
Tgt Ion: 83 Resp: 135205

Ion Ratio Lower Upper

83 100

55 71.3 58.1 87.1

98 48.8 39.0 58.6



#40

Benzene

Concen: 54.829 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022757.D

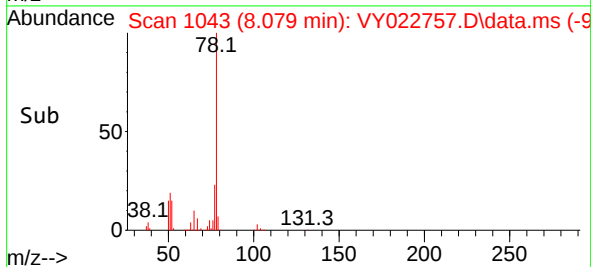
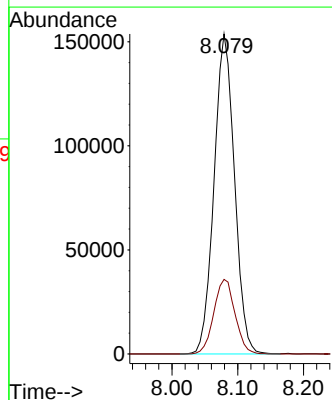
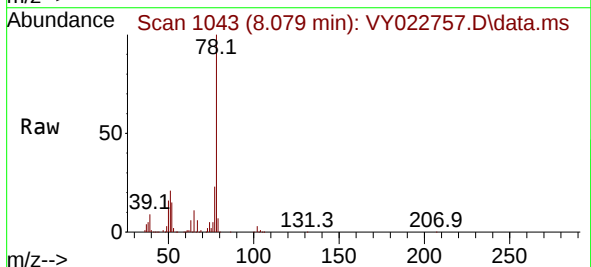
Acq: 19 Jun 2025 15:59

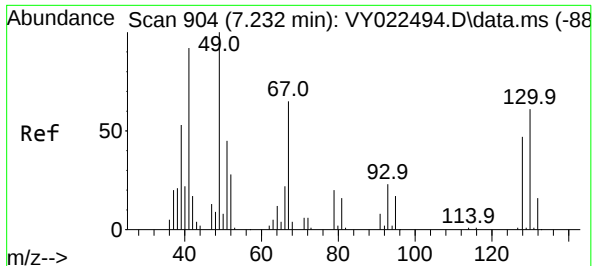
Tgt Ion: 78 Resp: 332236

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9

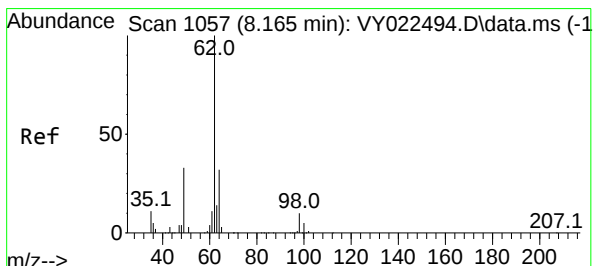
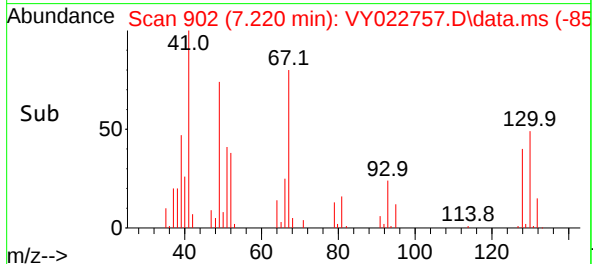
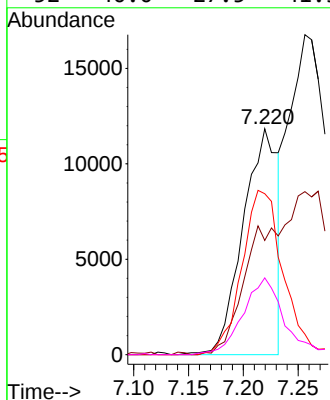
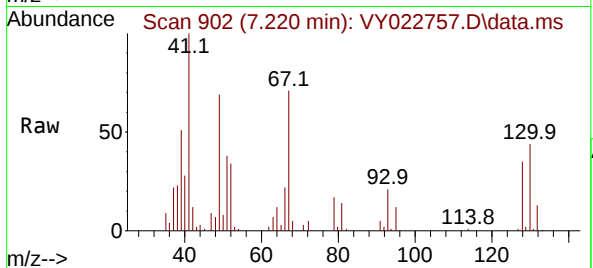




#41
Methacrylonitrile
Concen: 48.918 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

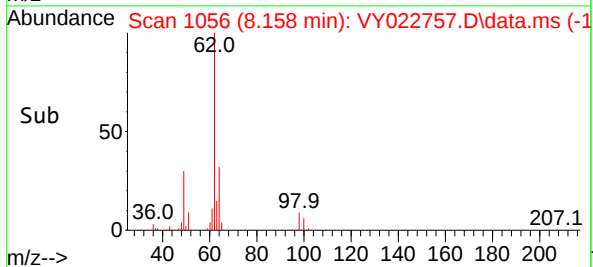
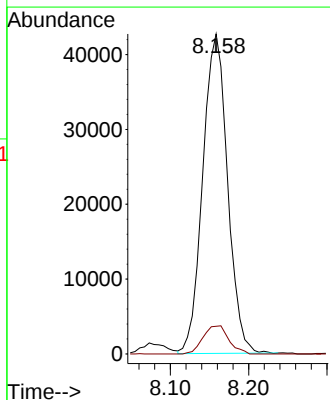
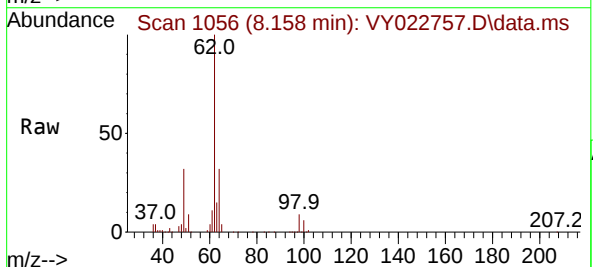
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

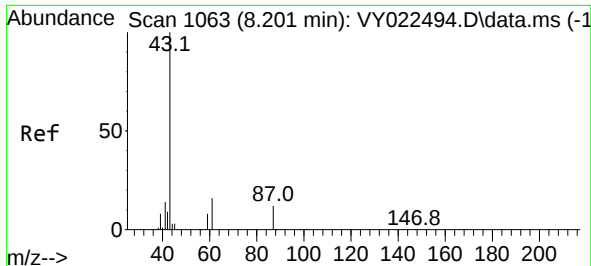
Tgt Ion:	41	Resp:	26142
Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.6	69.8#
67	86.0	63.3	94.9
52	40.0	27.5	41.3



#42
1,2-Dichloroethane
Concen: 56.703 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion:	62	Resp:	93816
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.2

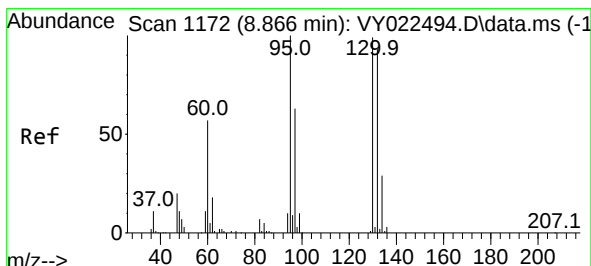
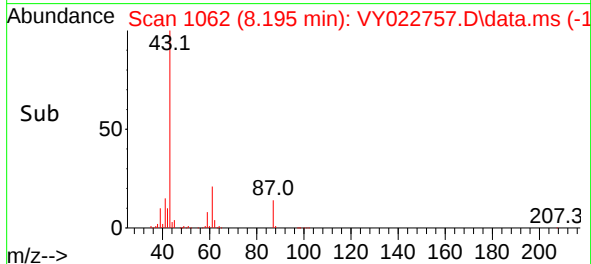
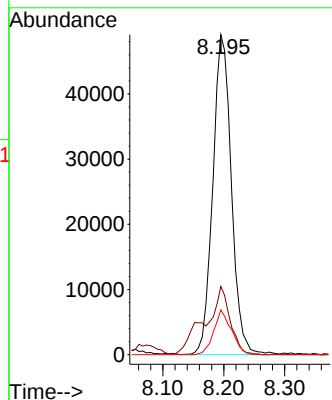
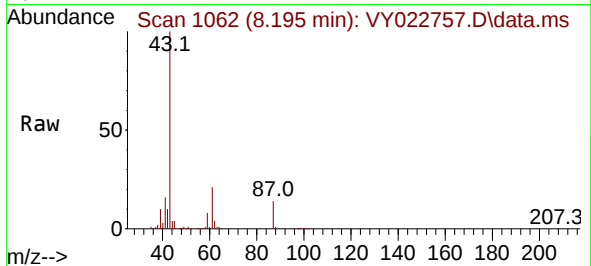




#43
Isopropyl Acetate
Concen: 52.709 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

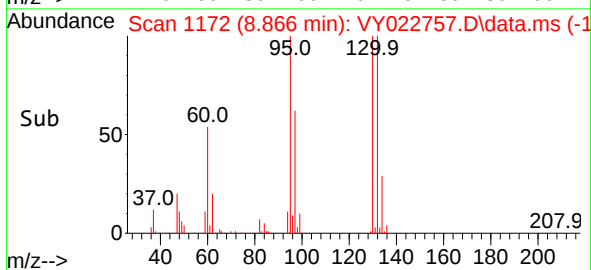
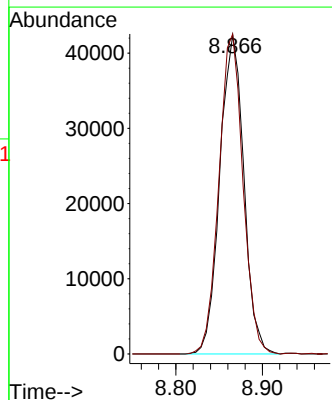
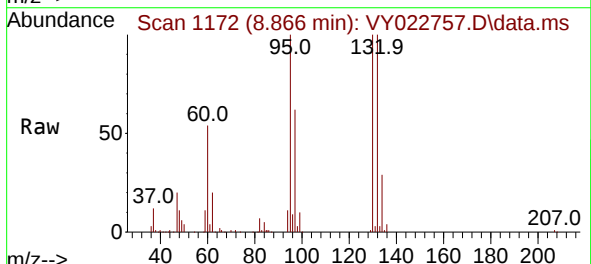
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

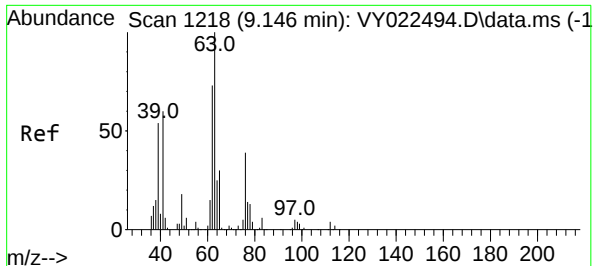
Tgt Ion: 43 Resp: 104149
Ion Ratio Lower Upper
43 100
61 19.2 15.6 23.4
87 13.3 10.2 15.4



#44
Trichloroethene
Concen: 55.086 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion:130 Resp: 81580
Ion Ratio Lower Upper
130 100
95 100.4 0.0 203.0





#45

1,2-Dichloropropane

Concen: 56.468 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

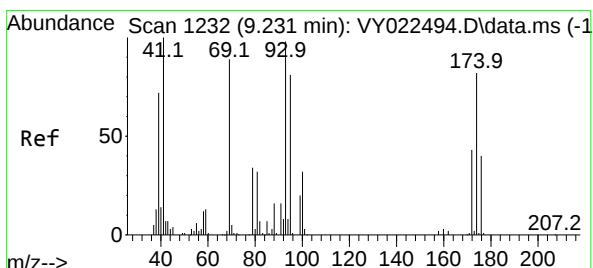
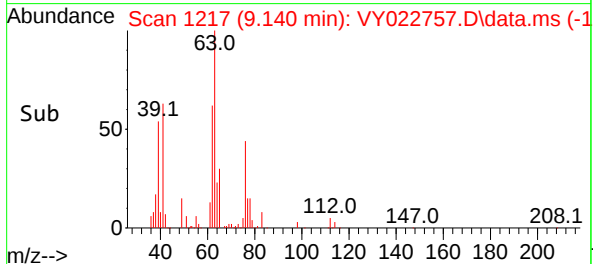
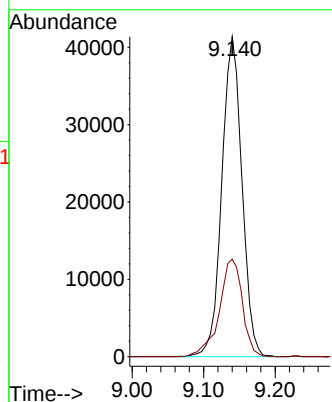
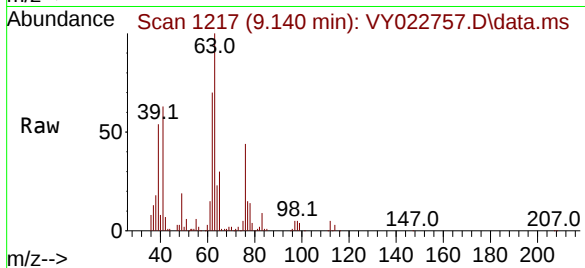
VSTDCCC050EC

Tgt Ion: 63 Resp: 80865

Ion Ratio Lower Upper

63 100

65 30.5 24.0 36.0



#46

Dibromomethane

Concen: 56.556 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

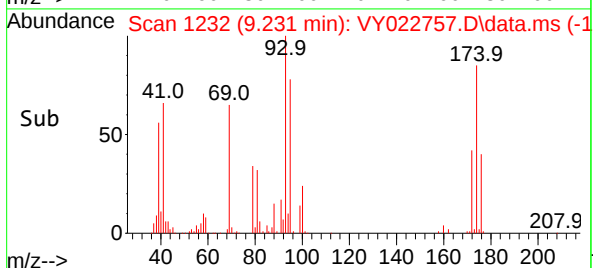
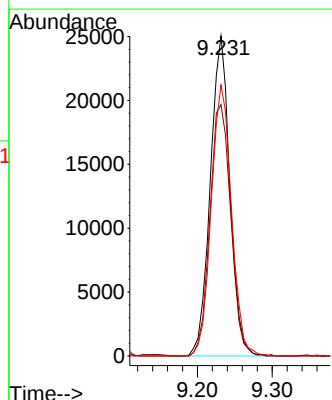
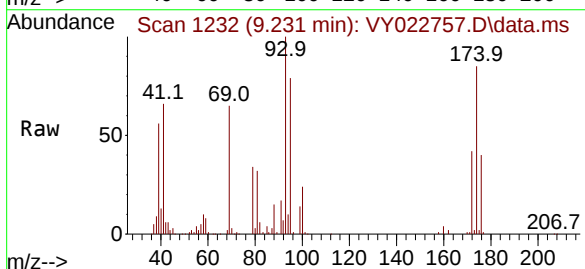
Tgt Ion: 93 Resp: 45565

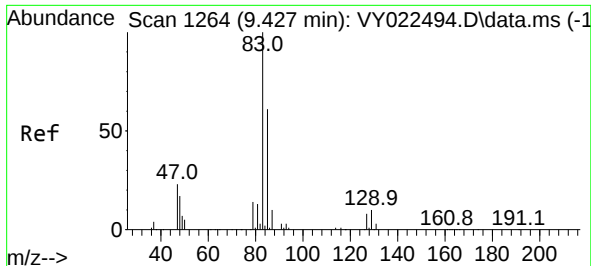
Ion Ratio Lower Upper

93 100

95 83.9 65.6 98.4

174 87.8 70.4 105.6

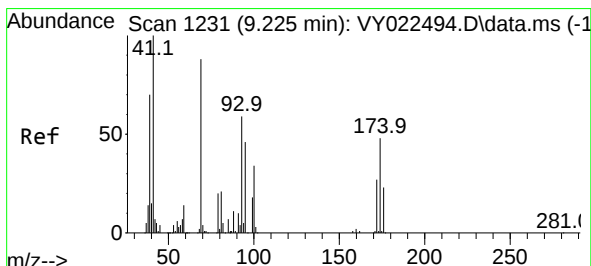
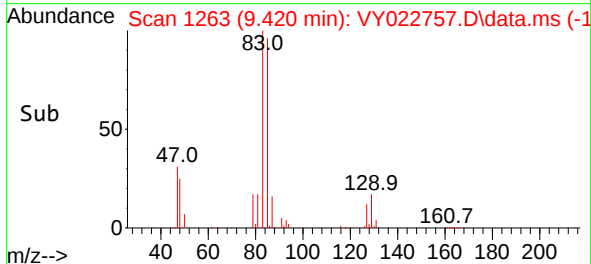
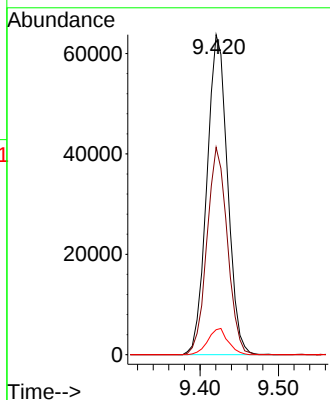
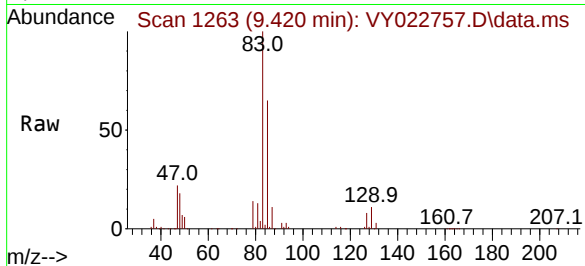




#47
Bromodichloromethane
Concen: 57.100 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

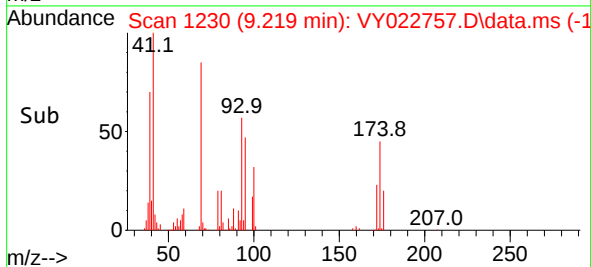
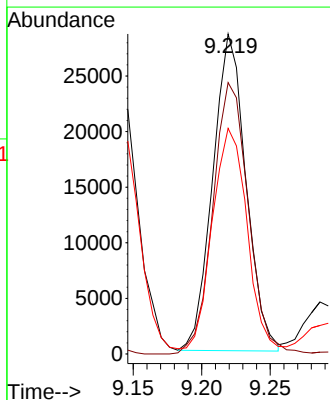
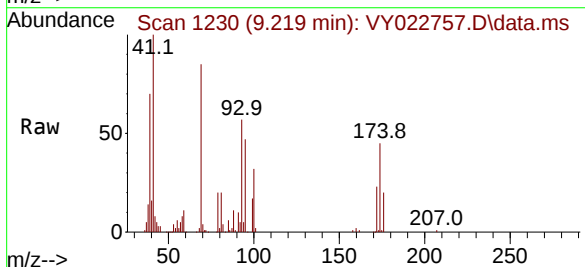
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

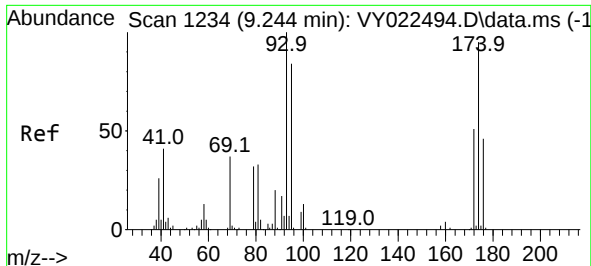
Tgt Ion: 83 Resp: 116648
Ion Ratio Lower Upper
83 100
85 64.8 49.1 73.7
127 7.8 6.2 9.4



#48
Methyl methacrylate
Concen: 51.882 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 41 Resp: 48113
Ion Ratio Lower Upper
41 100
69 91.0 67.8 101.8
39 72.3 55.0 82.4





#49

1,4-Dioxane

Concen: 1013.235 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

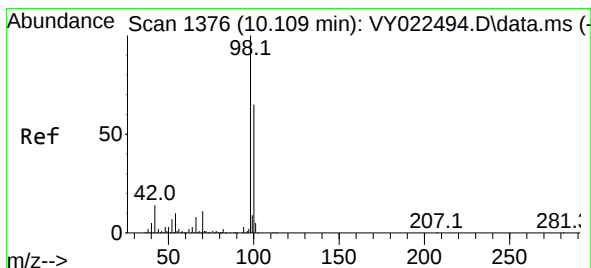
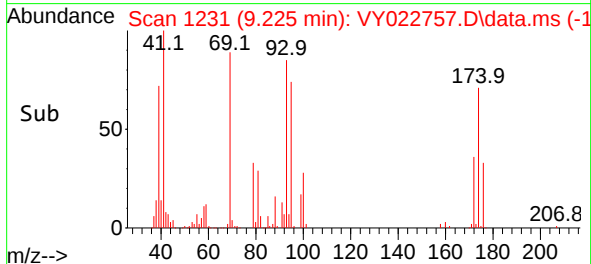
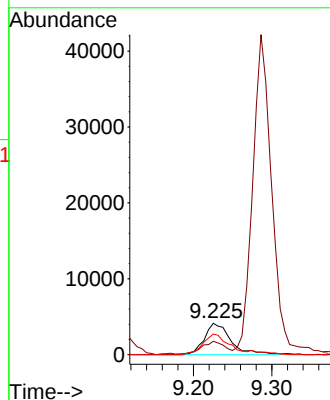
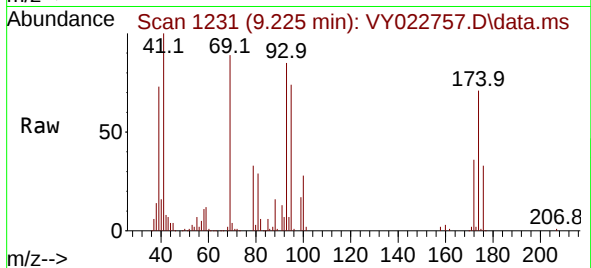
Tgt Ion: 88 Resp: 9671

Ion Ratio Lower Upper

88 100

43 34.9 25.4 38.2

58 63.3 54.9 82.3



#50

Toluene-d8

Concen: 54.081 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022757.D

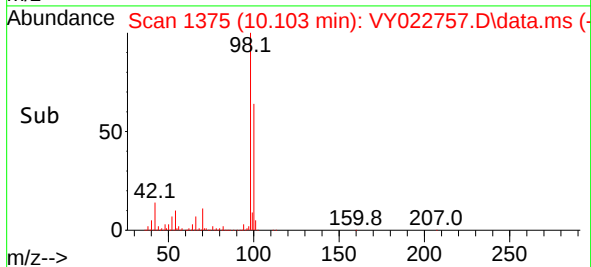
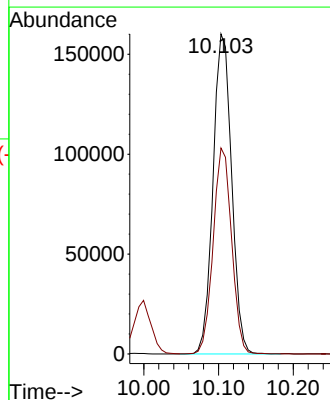
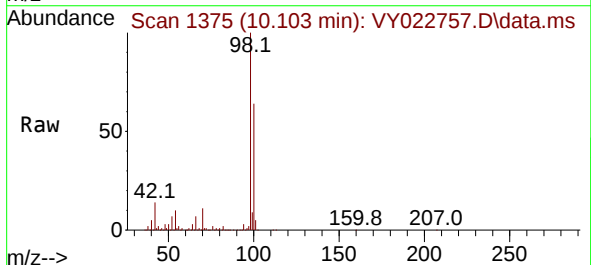
Acq: 19 Jun 2025 15:59

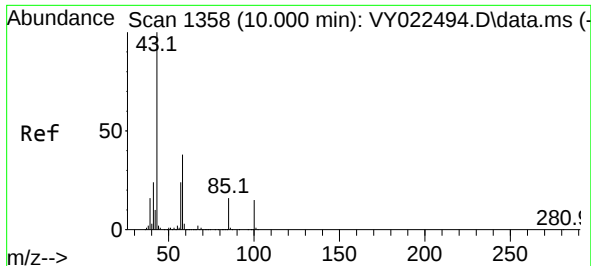
Tgt Ion: 98 Resp: 276223

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.0

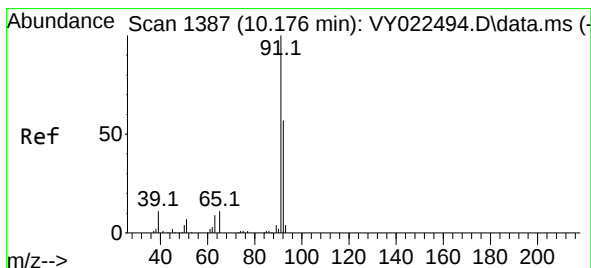
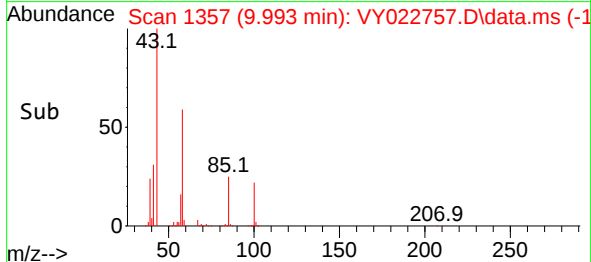
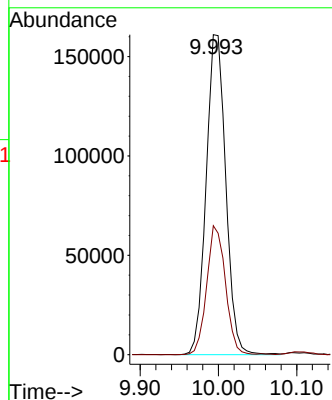
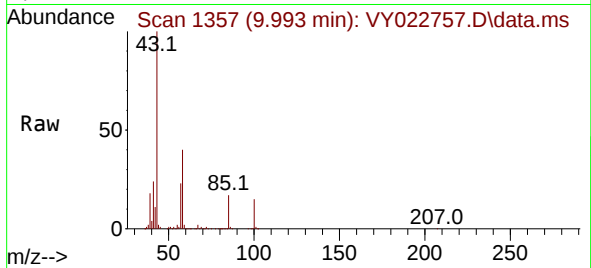




#51
4-Methyl-2-Pentanone
Concen: 283.996 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

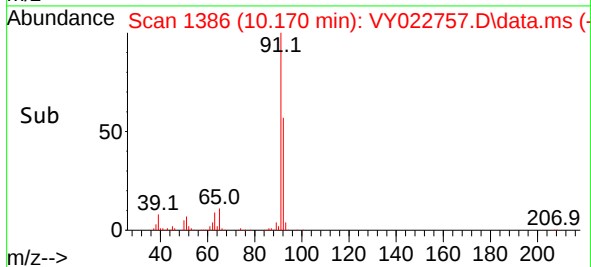
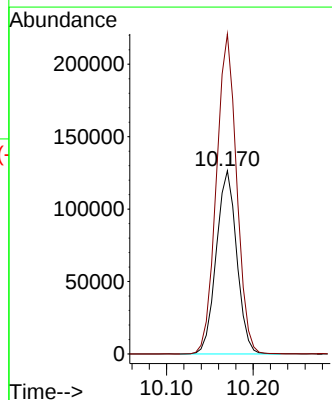
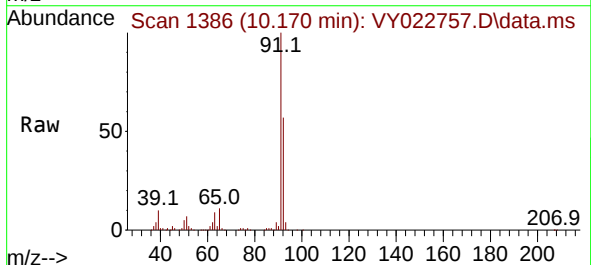
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

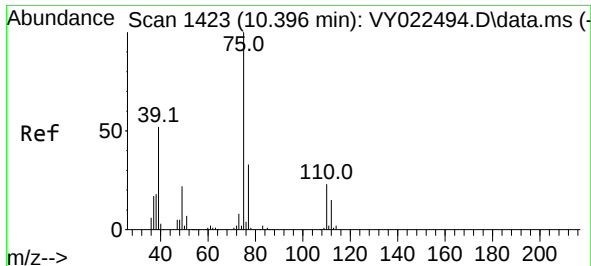
Tgt Ion: 43 Resp: 279775
Ion Ratio Lower Upper
43 100
58 38.5 30.4 45.6



#52
Toluene
Concen: 54.486 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 92 Resp: 207483
Ion Ratio Lower Upper
92 100
91 173.1 139.0 208.4

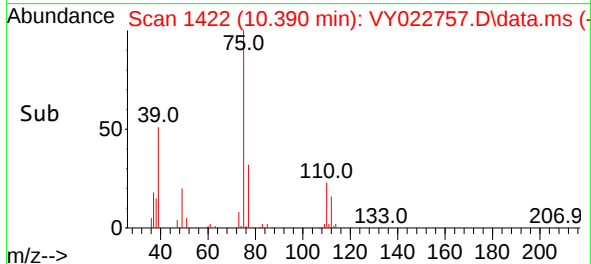
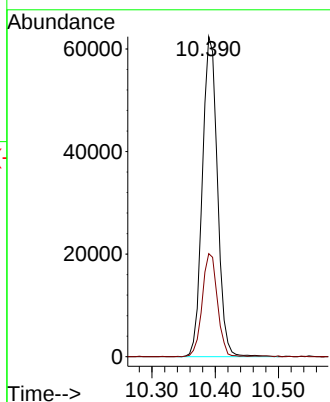
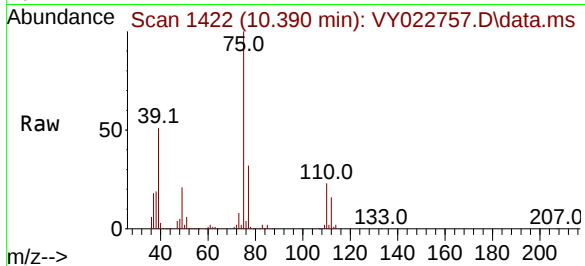




#53
t-1,3-Dichloropropene
Concen: 54.293 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

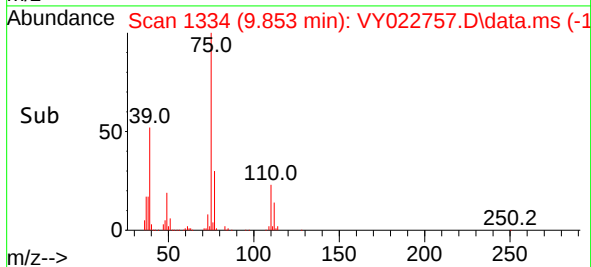
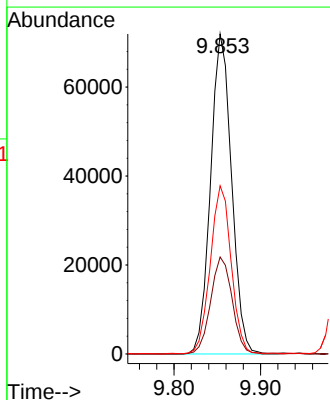
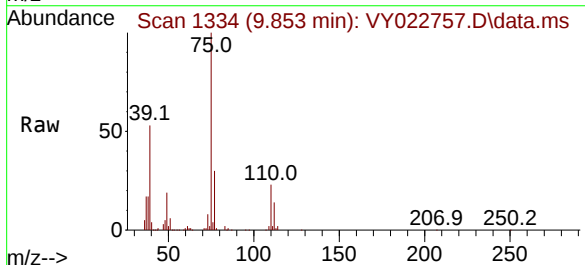
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

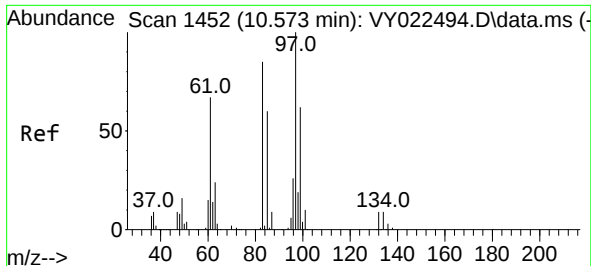
Tgt Ion: 75 Resp: 103921
Ion Ratio Lower Upper
75 100
77 32.1 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 54.342 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 75 Resp: 121081
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9
39 52.4 42.7 64.1

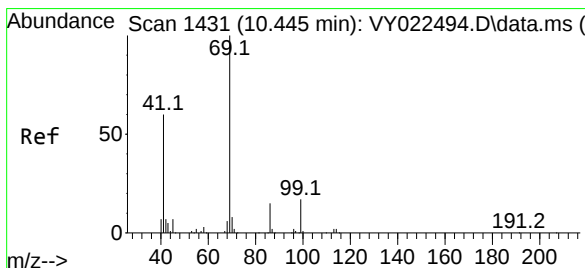
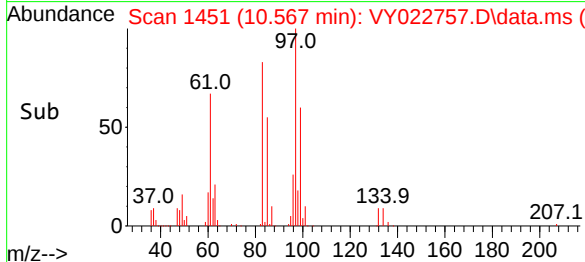
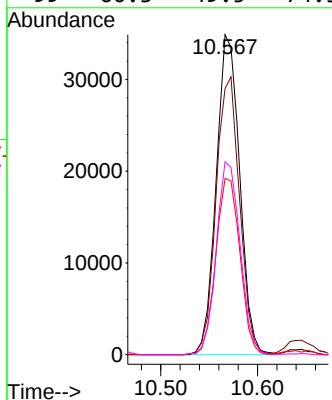
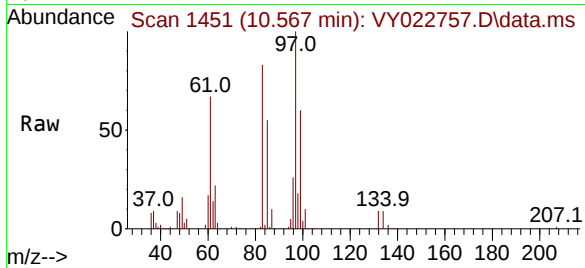




#55
1,1,2-Trichloroethane
Concen: 57.226 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

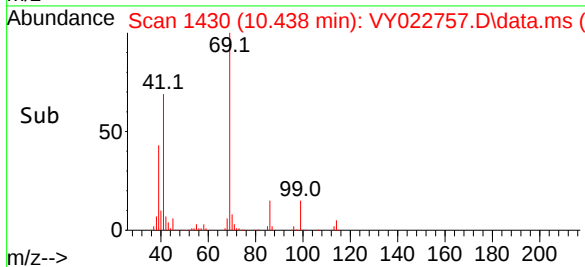
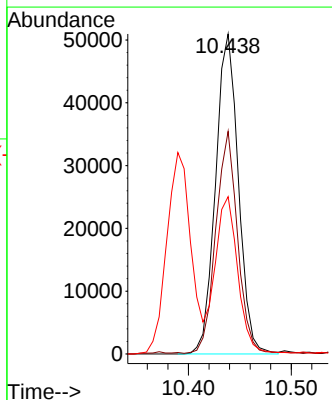
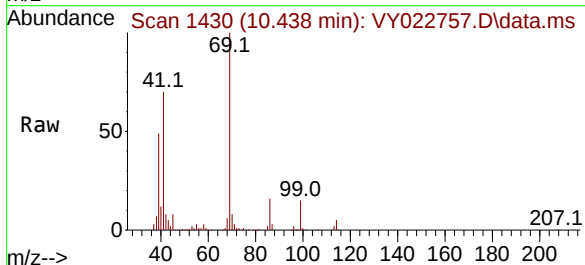
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97	Resp: 58789
Ion Ratio	Lower Upper
97 100	
83 83.2	68.1 102.1
85 55.1	48.2 72.2
99 60.3	49.5 74.3



#56
Ethyl methacrylate
Concen: 52.794 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 69	Resp: 78389
Ion Ratio	Lower Upper
69 100	
41 66.2	52.2 78.2
39 48.3	36.7 55.1





#57

1,3-Dichloropropane

Concen: 56.337 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

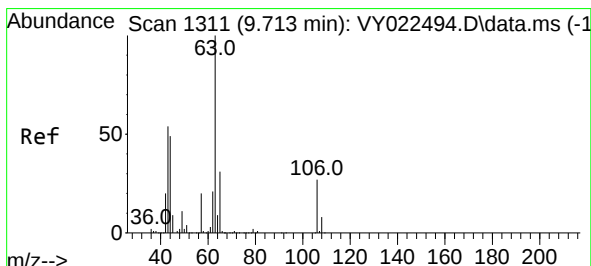
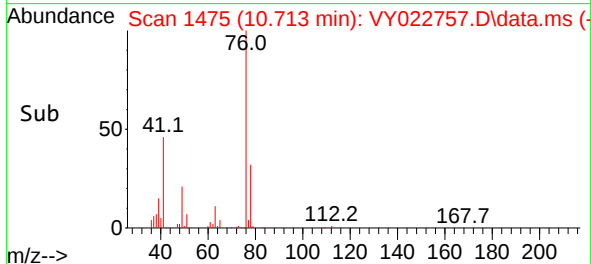
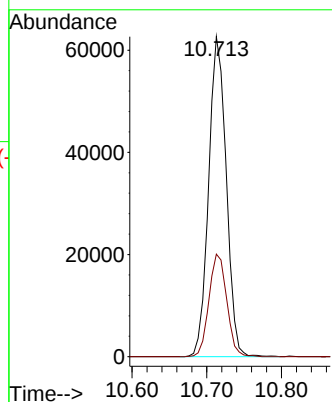
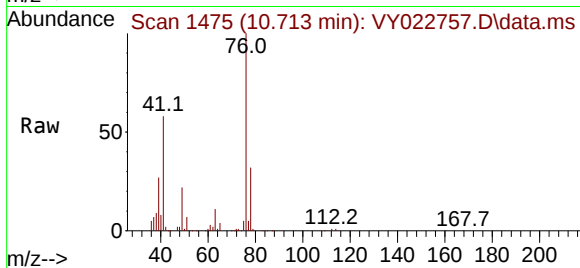
VSTDCCC050EC

Tgt Ion: 76 Resp: 102580

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 293.581 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022757.D

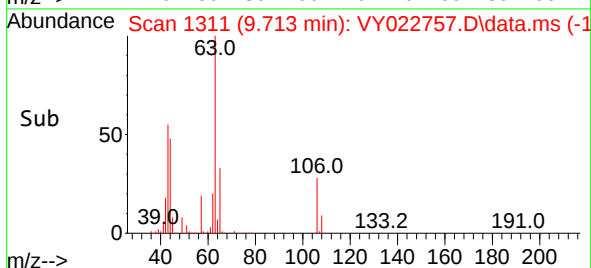
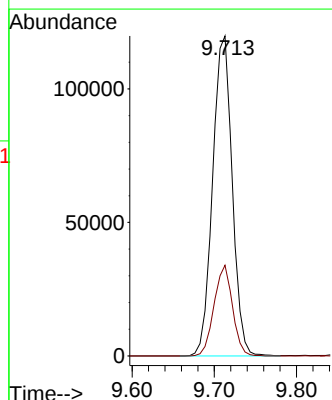
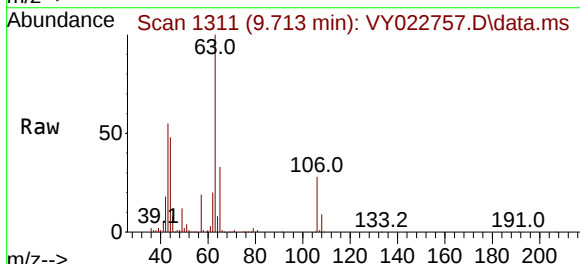
Acq: 19 Jun 2025 15:59

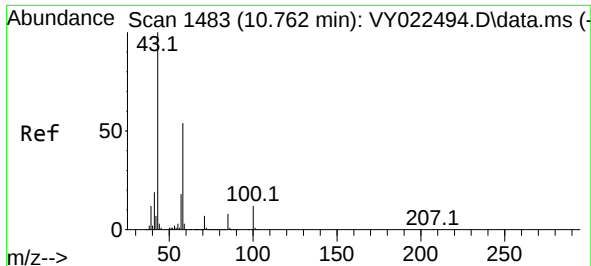
Tgt Ion: 63 Resp: 197914

Ion Ratio Lower Upper

63 100

106 26.7 21.6 32.4

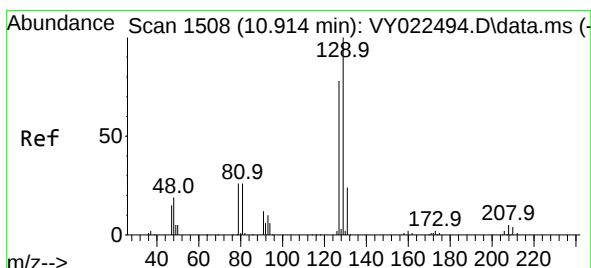
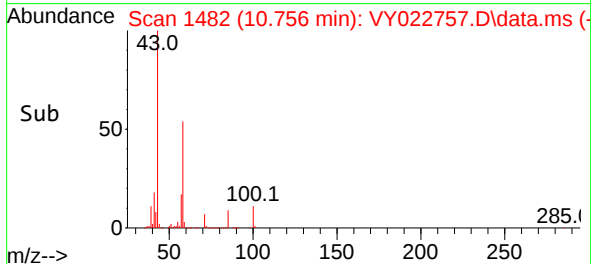
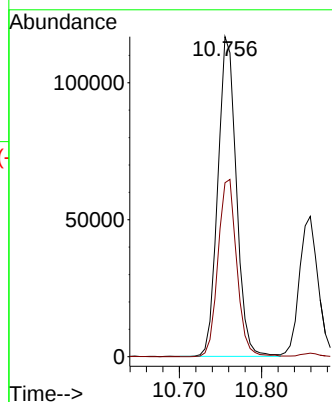
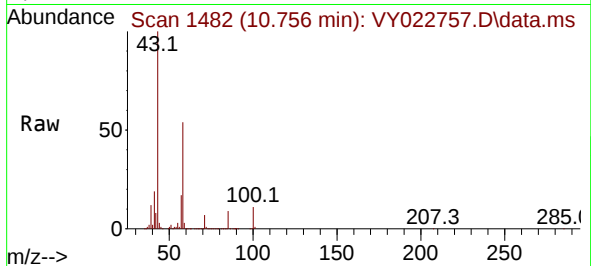




#59
2-Hexanone
Concen: 276.689 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

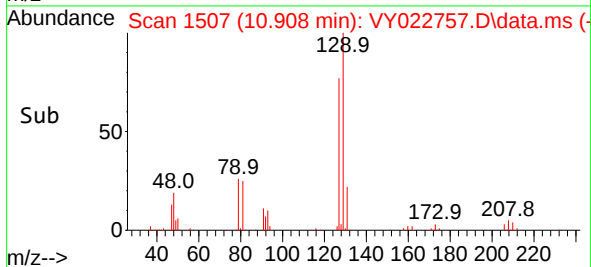
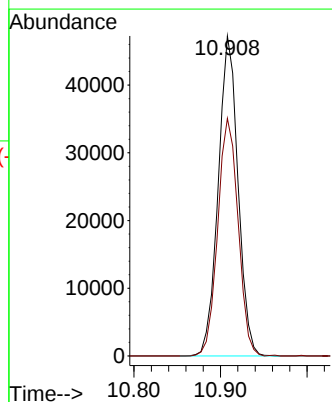
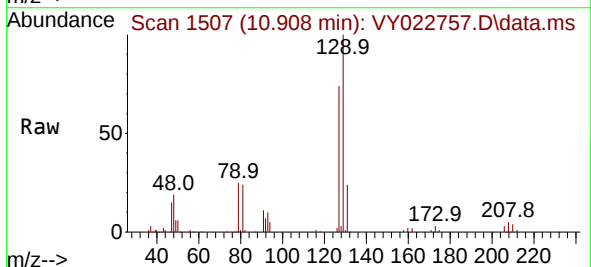
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

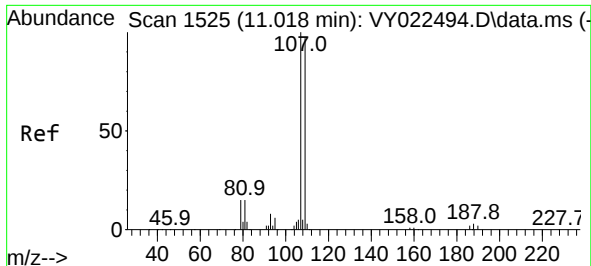
Tgt Ion: 43 Resp: 182297
Ion Ratio Lower Upper
43 100
58 56.3 27.3 81.8



#60
Dibromochloromethane
Concen: 57.430 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion:129 Resp: 74977
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.2

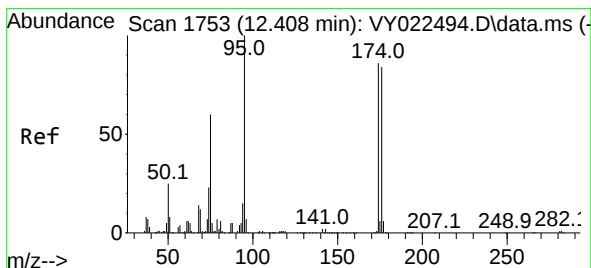
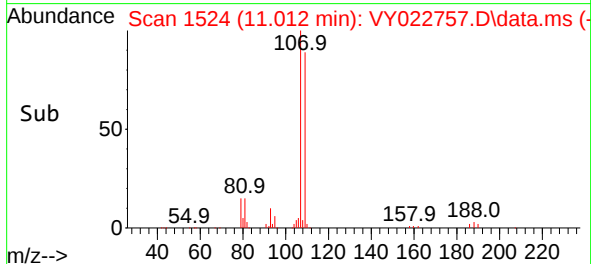
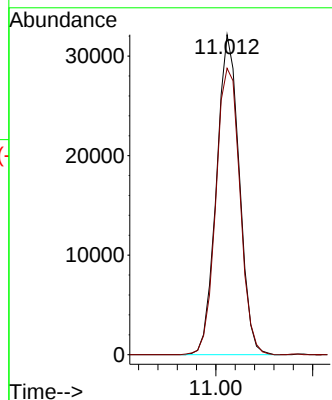
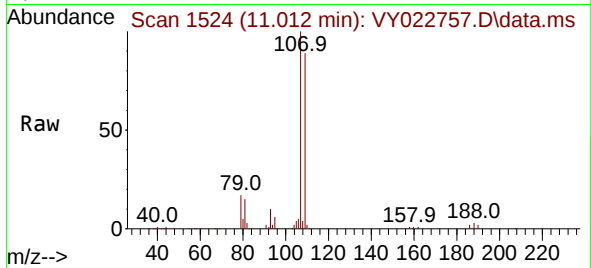




#61
1,2-Dibromoethane
Concen: 56.100 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

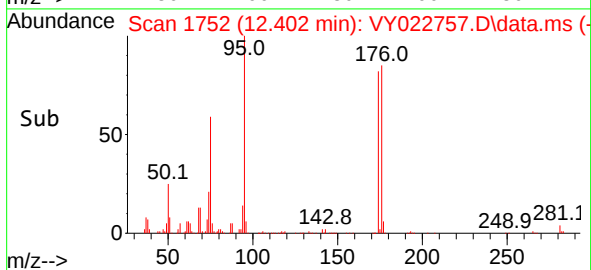
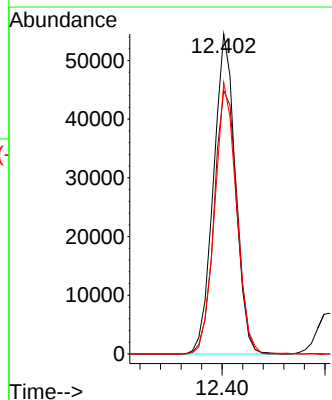
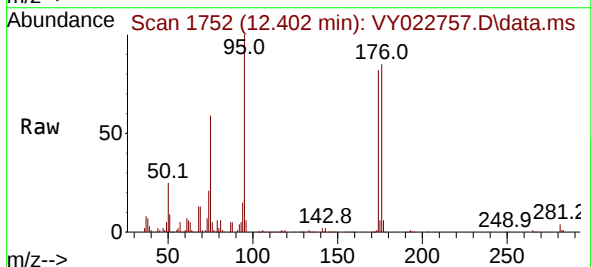
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

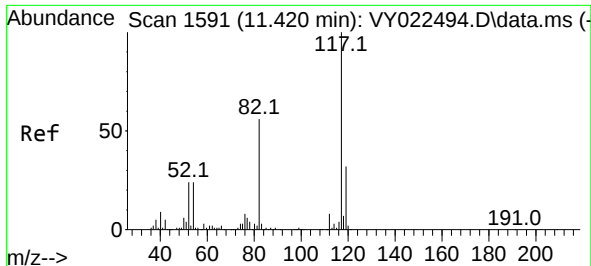
Tgt Ion:107 Resp: 52529
Ion Ratio Lower Upper
107 100
109 94.5 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 52.812 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 95 Resp: 80369
Ion Ratio Lower Upper
95 100
174 86.8 0.0 170.0
176 84.2 0.0 166.2

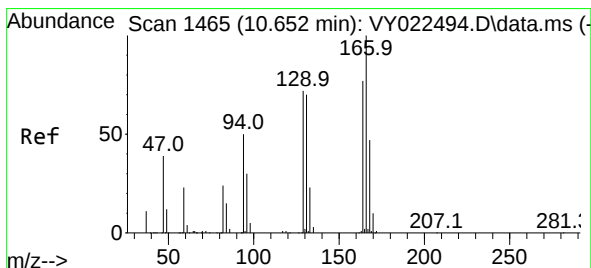
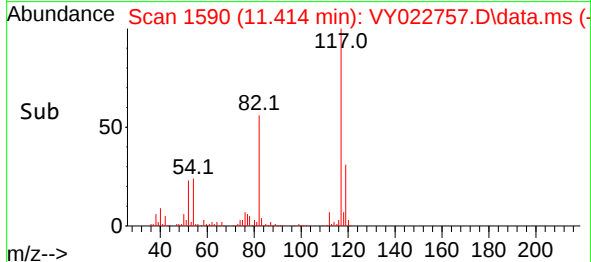
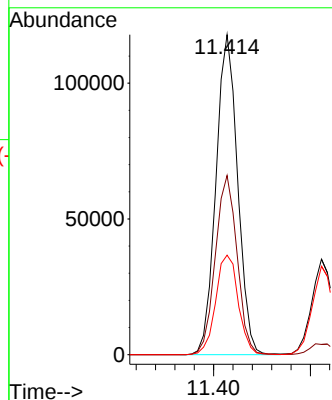
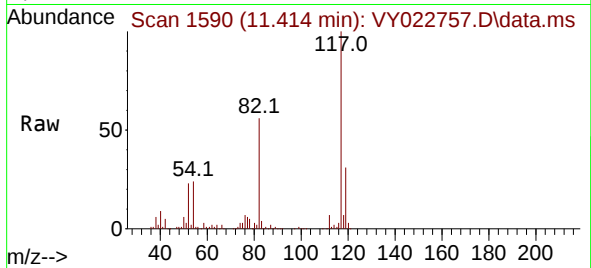




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

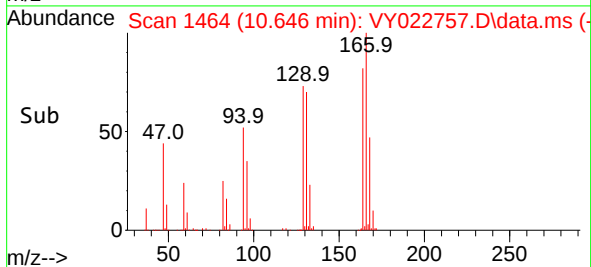
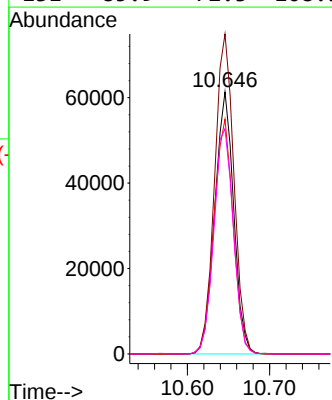
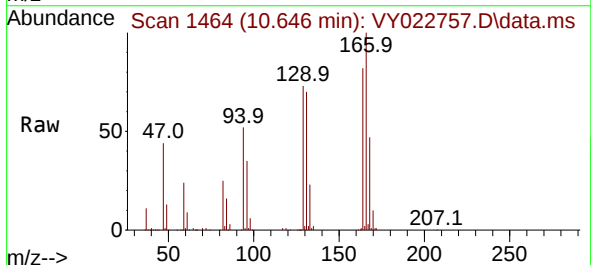
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

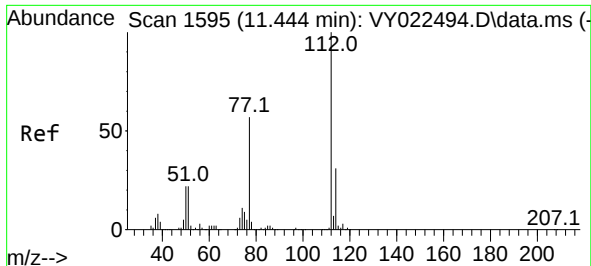
Tgt Ion:117 Resp: 183141
Ion Ratio Lower Upper
117 100
82 56.0 44.6 66.8
119 31.1 25.4 38.0



#64
Tetrachloroethene
Concen: 62.374 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion:164 Resp: 98264
Ion Ratio Lower Upper
164 100
166 122.1 104.0 156.0
129 89.6 74.5 111.7
131 85.9 72.3 108.5

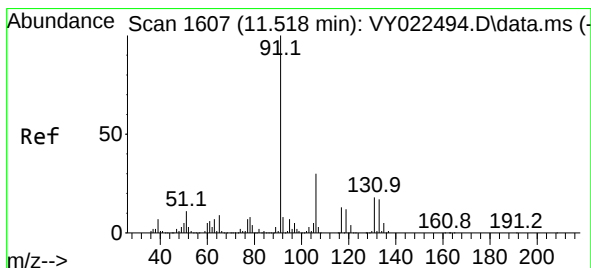
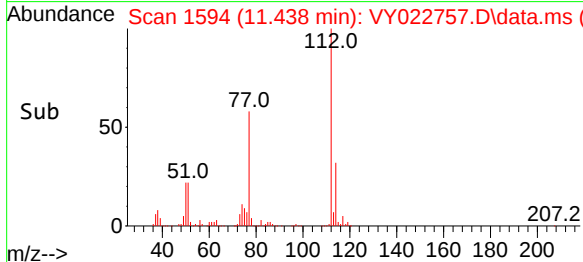
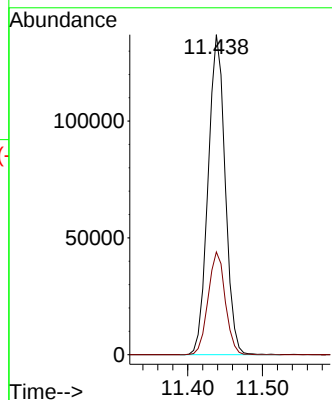
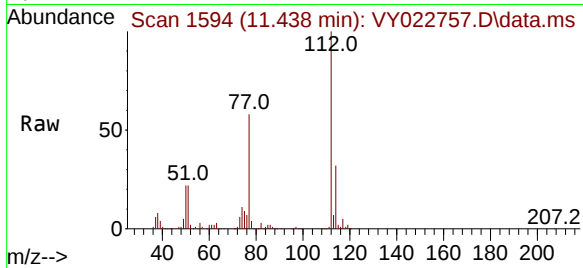




#65
Chlorobenzene
Concen: 53.640 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

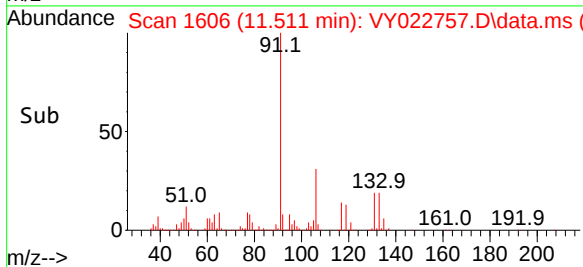
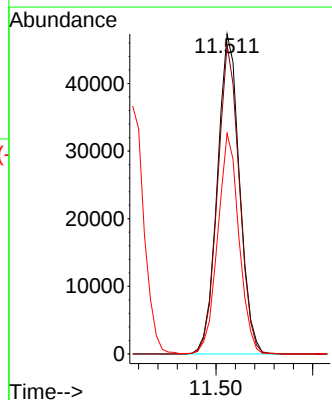
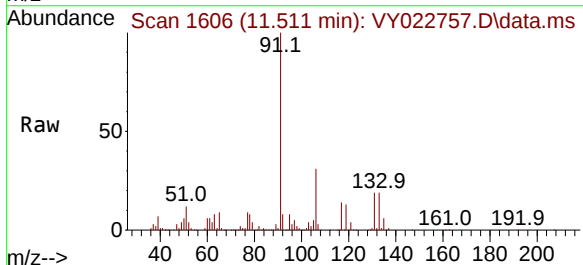
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

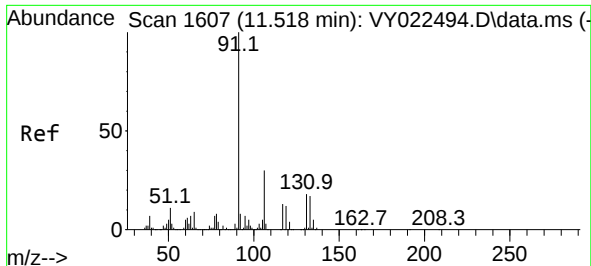
Tgt Ion:112 Resp: 217384
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 55.050 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion:131 Resp: 75157
Ion Ratio Lower Upper
131 100
133 94.7 47.3 141.8
119 66.0 33.1 99.3





#67

Ethyl Benzene

Concen: 53.607 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

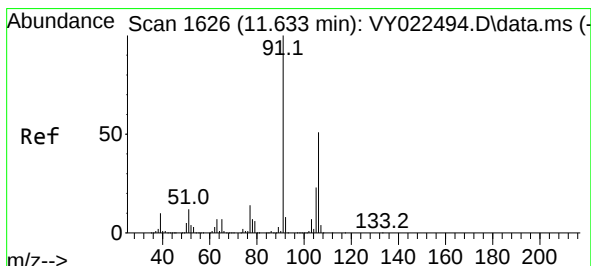
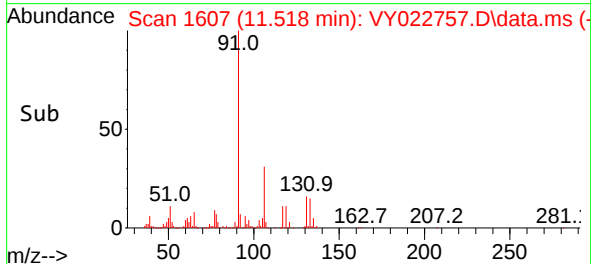
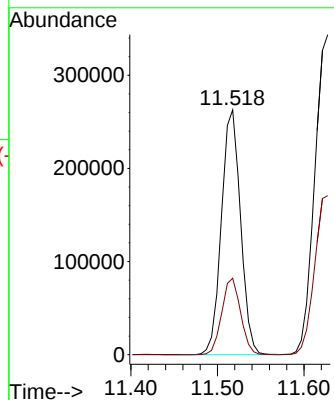
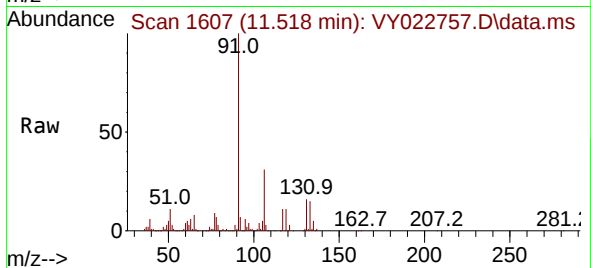
VSTDCCC050EC

Tgt Ion: 91 Resp: 402957

Ion Ratio Lower Upper

91 100

106 31.2 24.2 36.4



#68

m/p-Xylenes

Concen: 108.717 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022757.D

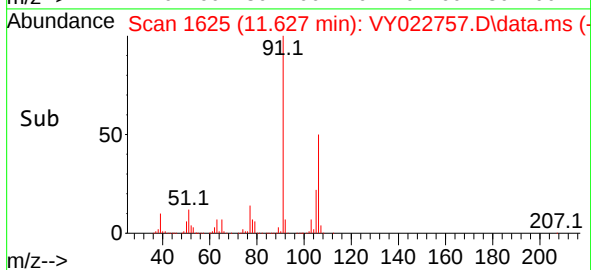
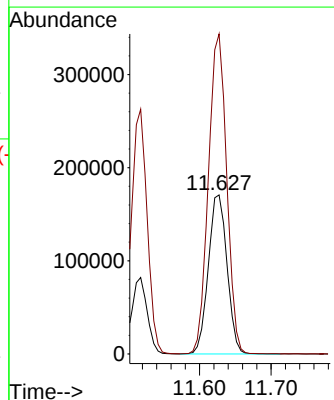
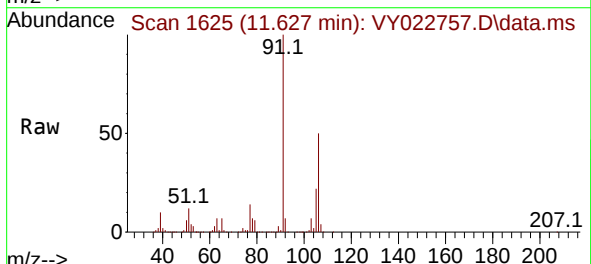
Acq: 19 Jun 2025 15:59

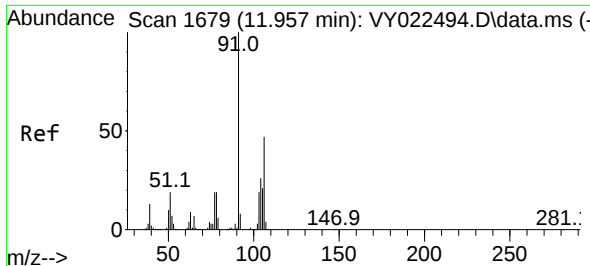
Tgt Ion: 106 Resp: 309796

Ion Ratio Lower Upper

106 100

91 196.7 159.4 239.0

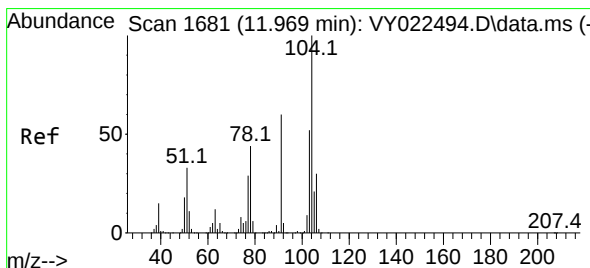
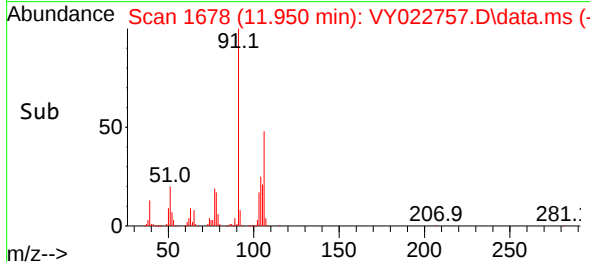
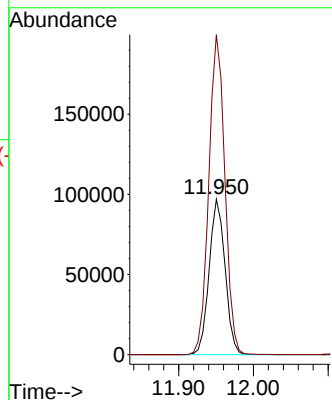
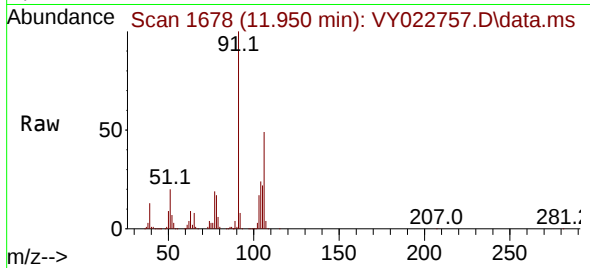




#69
o-Xylene
Concen: 53.835 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

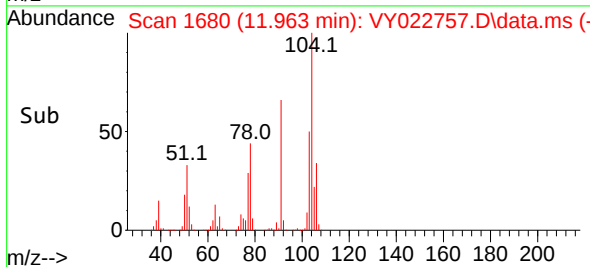
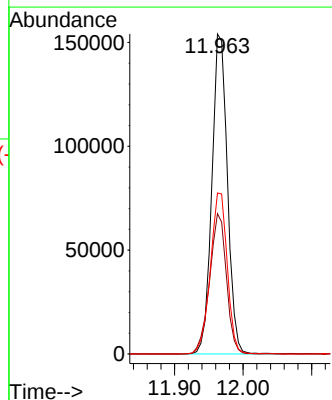
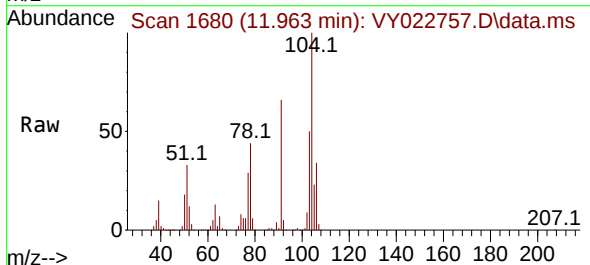
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

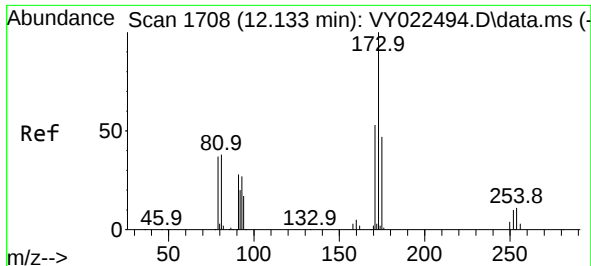
Tgt Ion:106 Resp: 143828
Ion Ratio Lower Upper
106 100
91 207.5 105.8 317.3



#70
Styrene
Concen: 54.991 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion:104 Resp: 242850
Ion Ratio Lower Upper
104 100
78 47.5 39.5 59.3
103 54.9 44.1 66.1

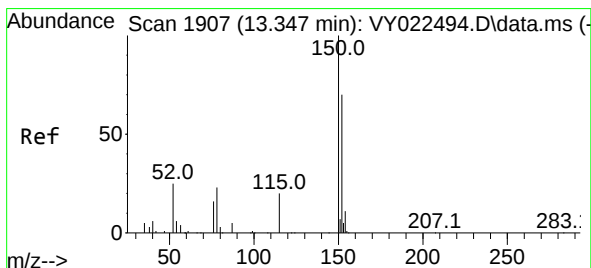
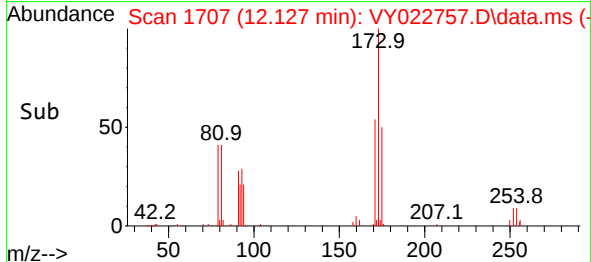
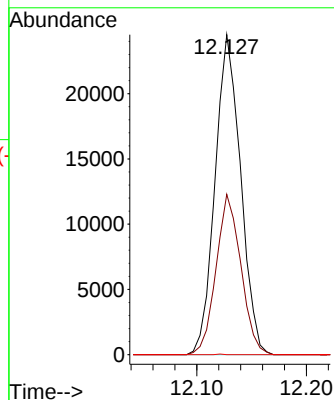
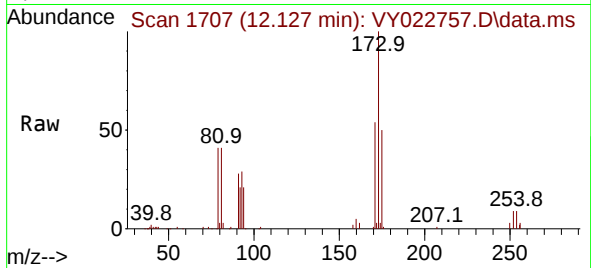




#71
Bromoform
Concen: 54.620 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

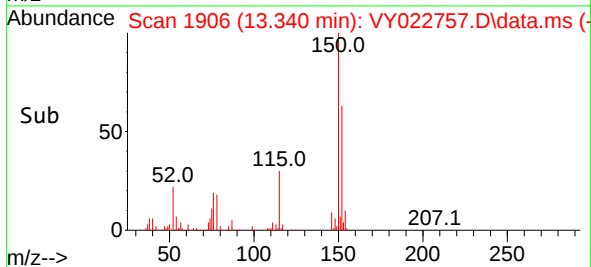
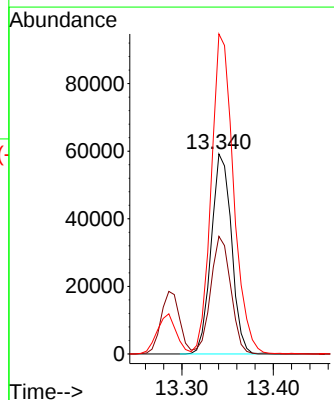
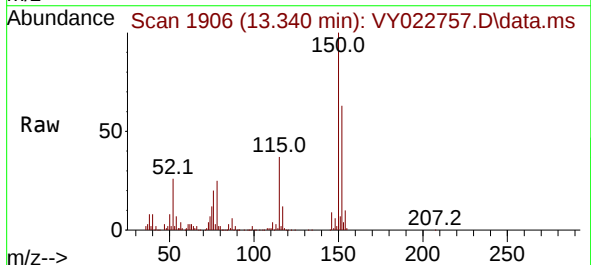
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

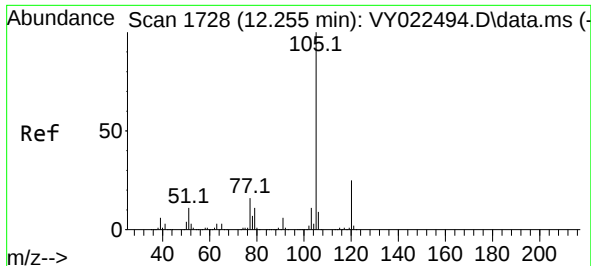
Tgt Ion:173 Resp: 39682
Ion Ratio Lower Upper
173 100
175 48.7 23.8 71.5
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion:152 Resp: 91175
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.7
150 175.7 0.0 349.6

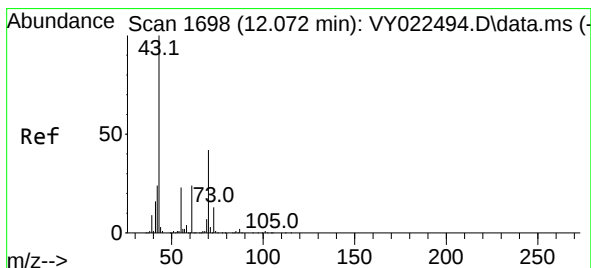
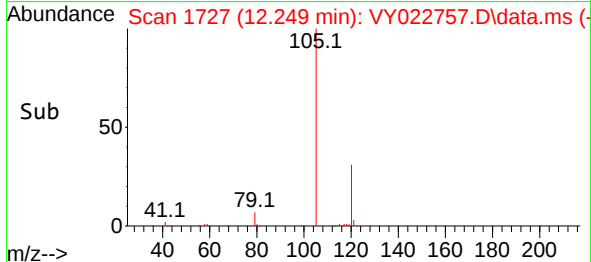
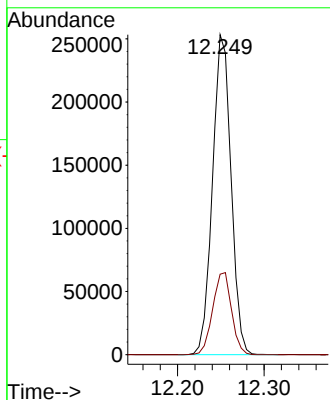
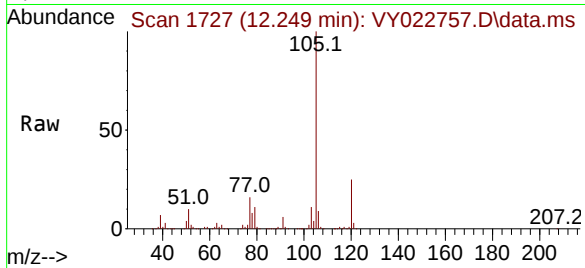




#73
Isopropylbenzene
Concen: 50.253 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

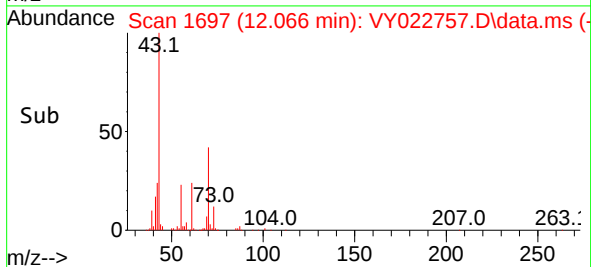
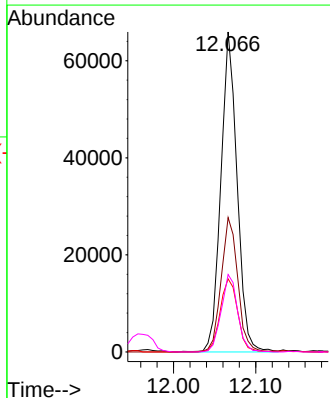
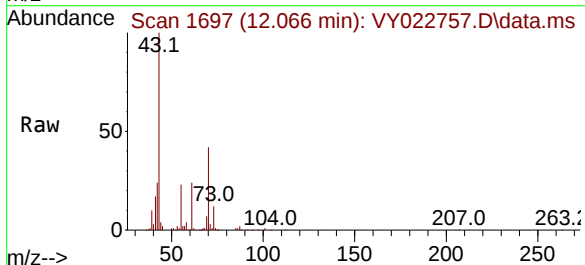
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

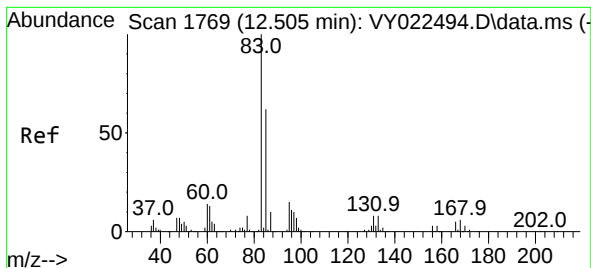
Tgt Ion:105 Resp: 376164
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 48.062 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 43 Resp: 90776
Ion Ratio Lower Upper
43 100
70 43.0 34.2 51.2
55 24.6 18.2 27.4
61 24.3 19.0 28.6





#75

1,1,2-Tetrachloroethane

Concen: 50.592 ug/l

RT: 12.499 min Scan# 1768

Delta R.T. -0.006 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

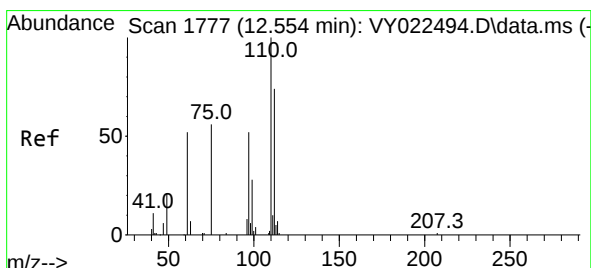
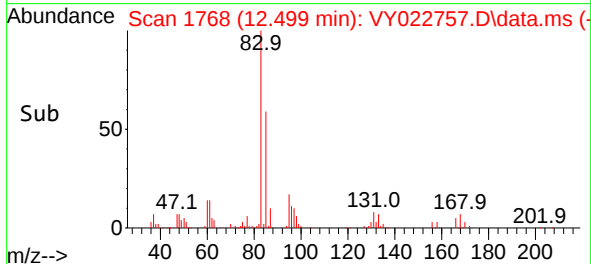
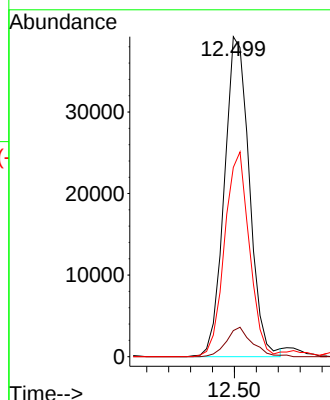
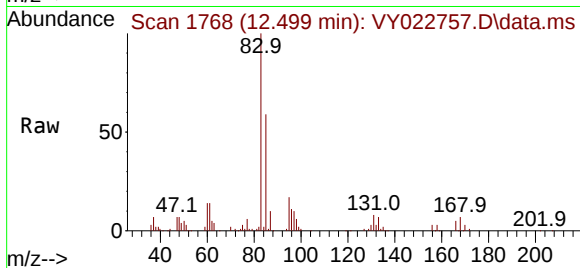
Tgt Ion: 83 Resp: 62155

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

85 63.2 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 86.035 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022757.D

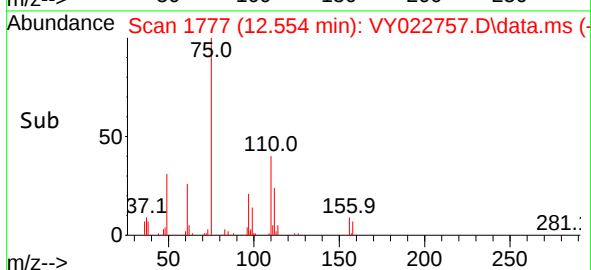
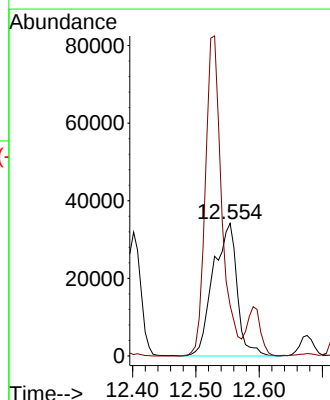
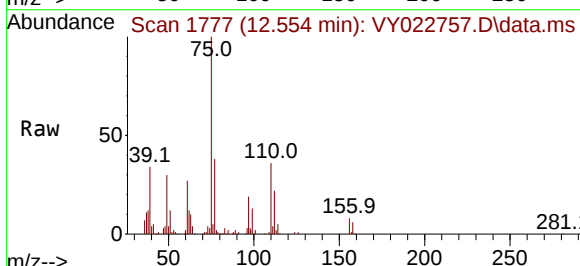
Acq: 19 Jun 2025 15:59

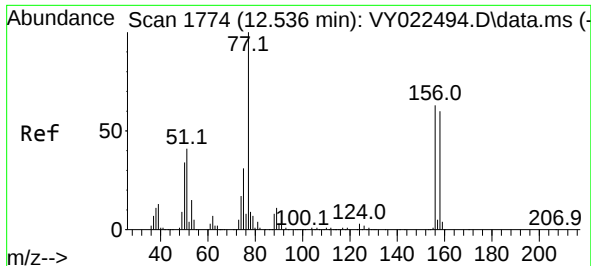
Tgt Ion: 75 Resp: 89741

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

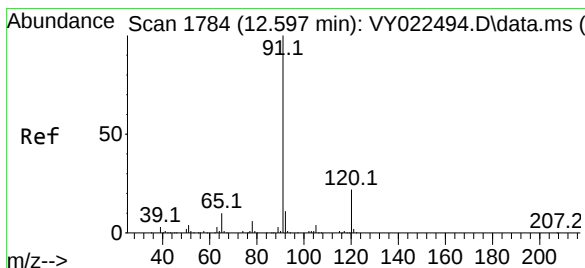
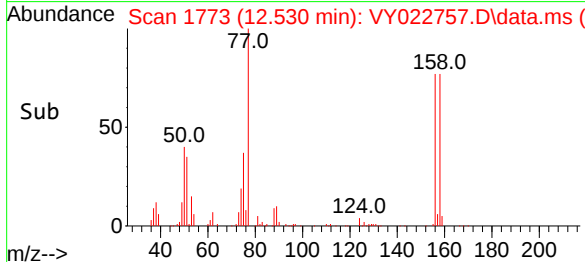
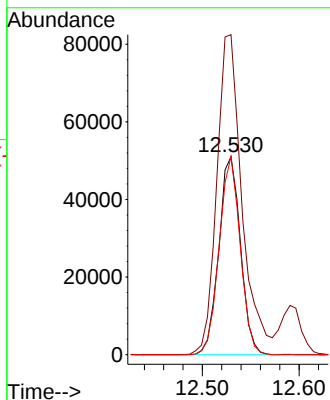
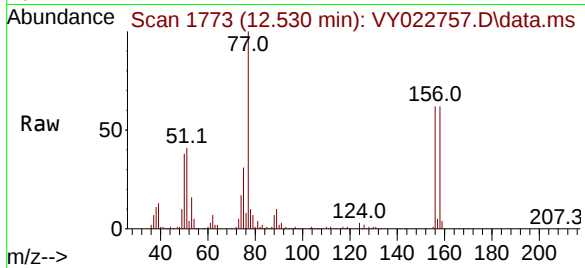




#77
Bromobenzene
Concen: 50.187 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

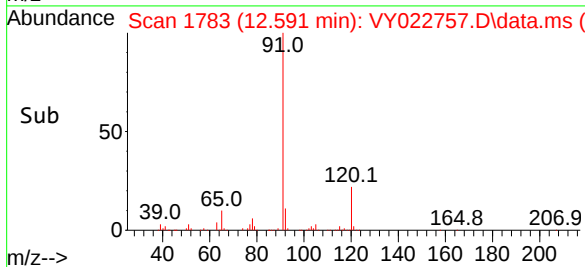
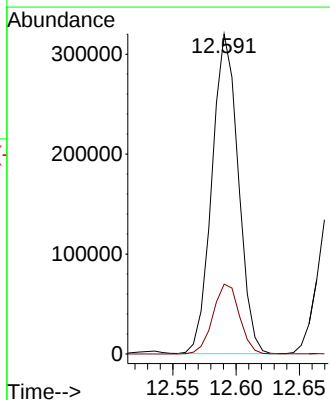
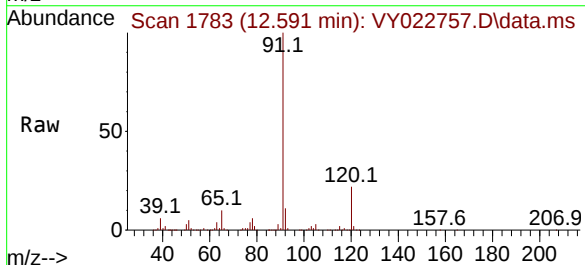
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

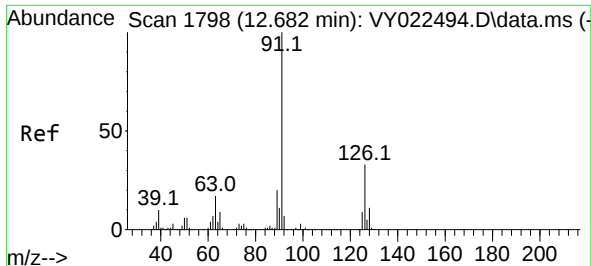
Tgt Ion:156 Resp: 79276
Ion Ratio Lower Upper
156 100
77 188.3 94.0 282.1
158 97.2 48.2 144.6



#78
n-propylbenzene
Concen: 50.600 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 91 Resp: 462622
Ion Ratio Lower Upper
91 100
120 22.0 10.8 32.4

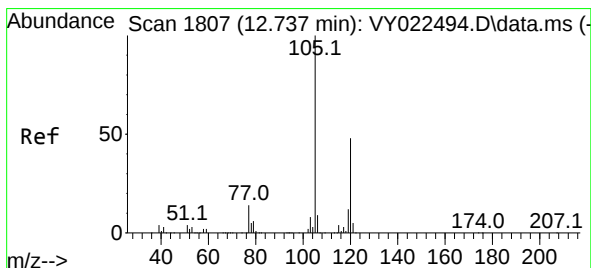
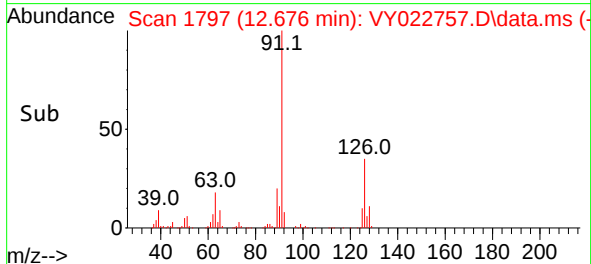
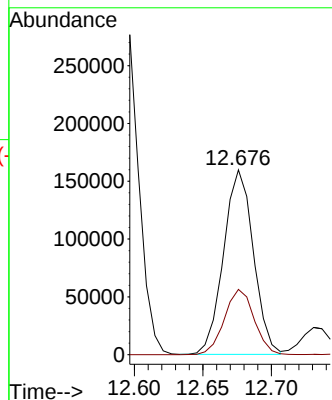
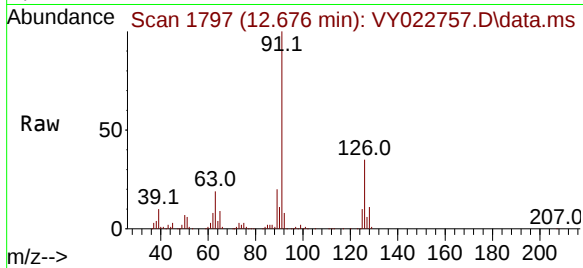




#79
2-Chlorotoluene
Concen: 50.007 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

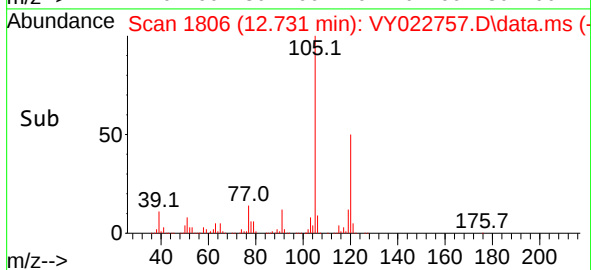
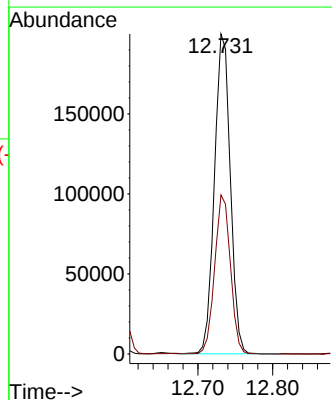
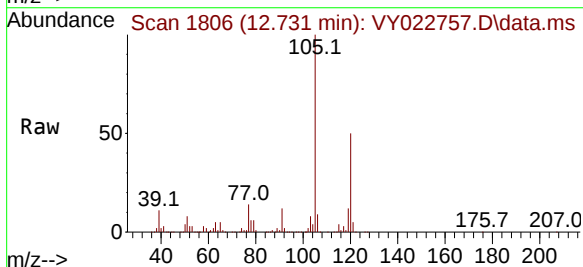
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

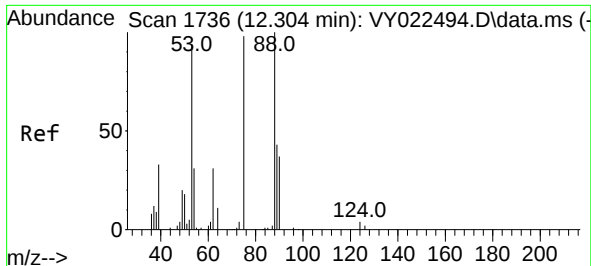
Tgt Ion: 91 Resp: 242317
Ion Ratio Lower Upper
91 100
126 35.2 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 50.210 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 105 Resp: 295073
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.4

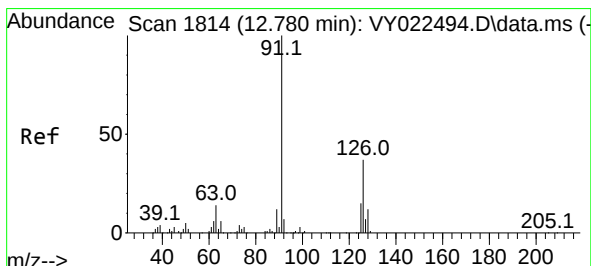
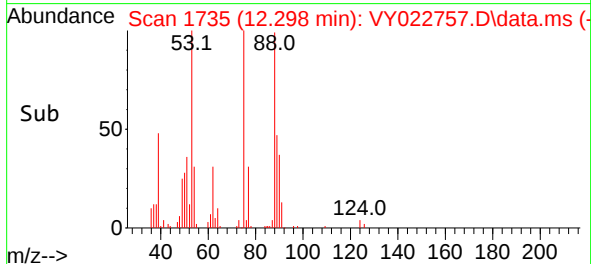
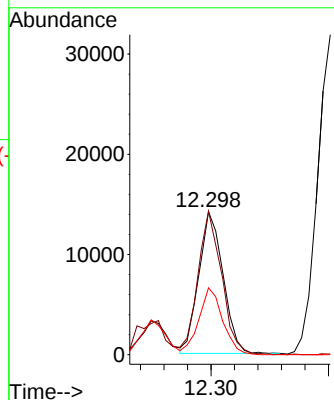
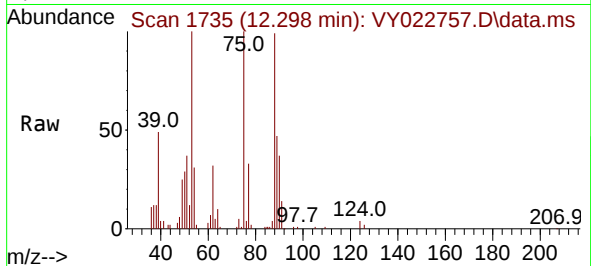




#81
trans-1,4-Dichloro-2-butene
Concen: 46.920 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

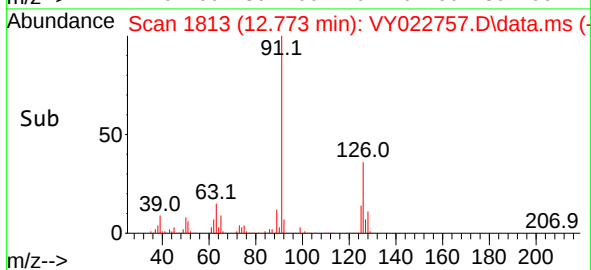
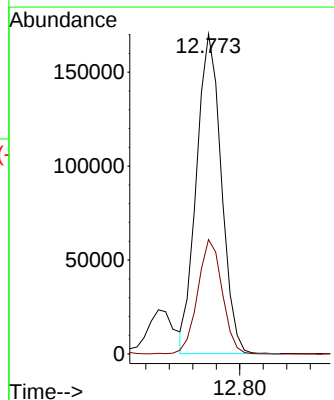
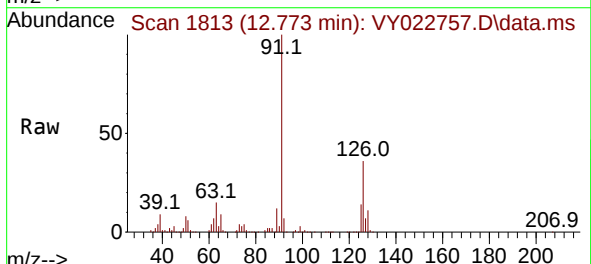
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

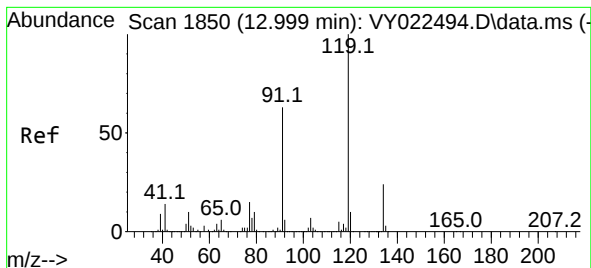
Tgt Ion: 75 Resp: 20266
Ion Ratio Lower Upper
75 100
53 99.5 78.5 117.7
89 46.5 35.7 53.5



#82
4-Chlorotoluene
Concen: 49.989 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion: 91 Resp: 249884
Ion Ratio Lower Upper
91 100
126 35.3 17.0 50.9





#83

tert-Butylbenzene

Concen: 49.797 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

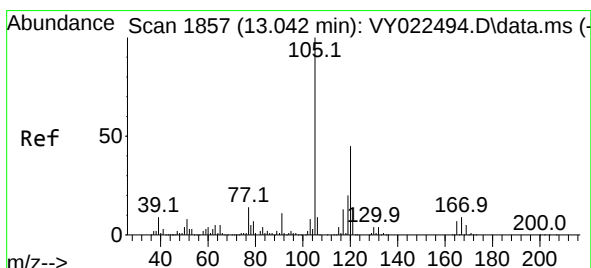
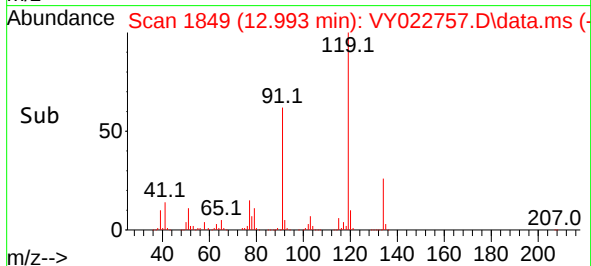
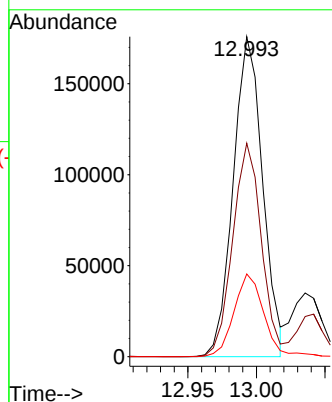
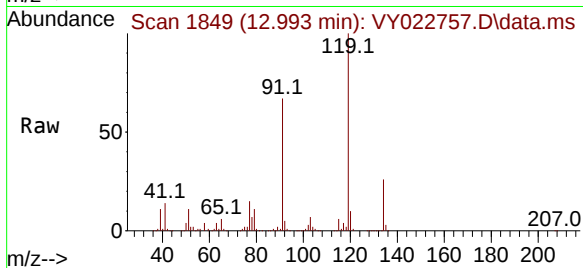
Tgt Ion:119 Resp: 262654

Ion Ratio Lower Upper

119 100

91 64.8 32.1 96.3

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.954 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022757.D

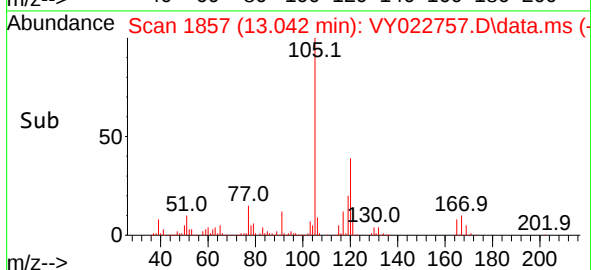
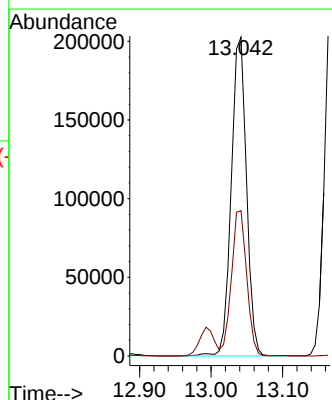
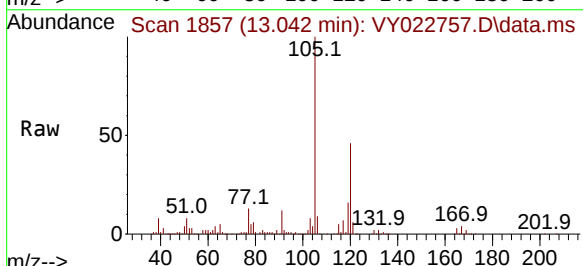
Acq: 19 Jun 2025 15:59

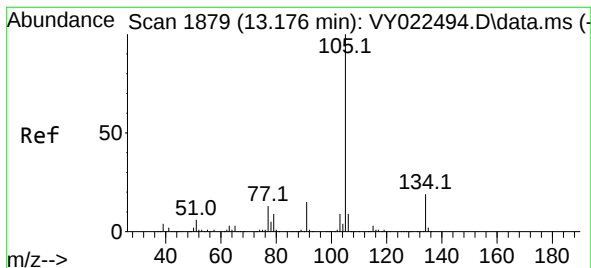
Tgt Ion:105 Resp: 299496

Ion Ratio Lower Upper

105 100

120 45.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 50.483 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

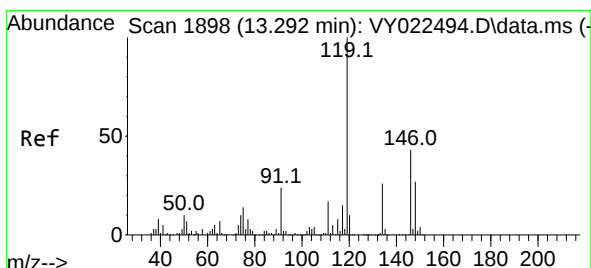
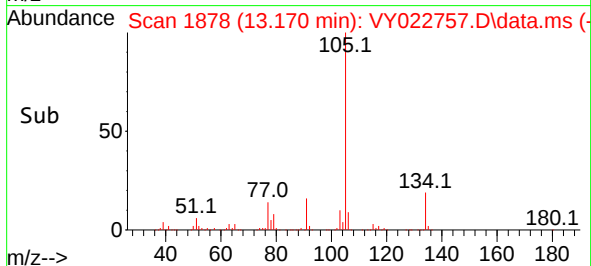
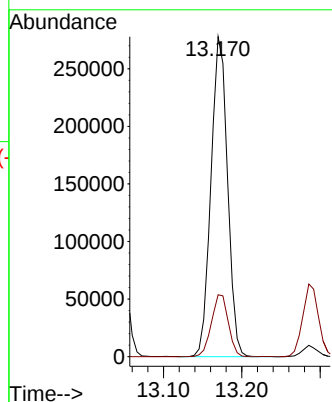
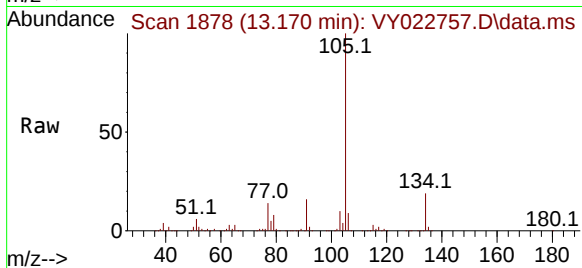
VSTDCCC050EC

Tgt Ion:105 Resp: 407807

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



#86

p-Isopropyltoluene

Concen: 51.292 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

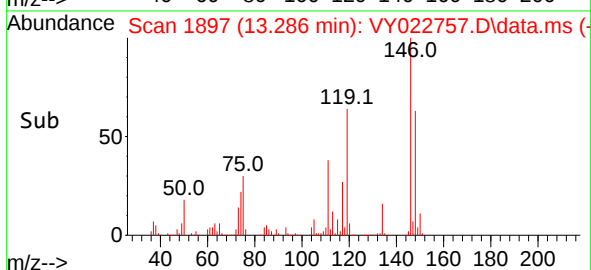
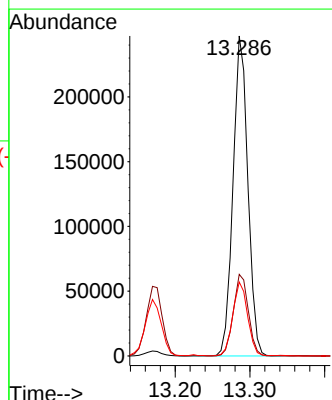
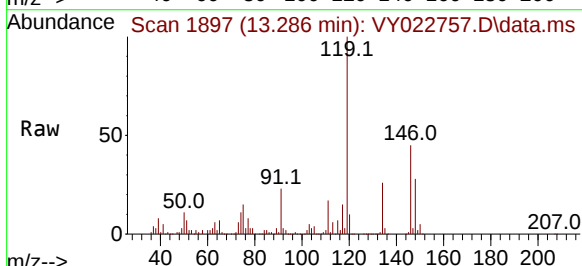
Tgt Ion:119 Resp: 341530

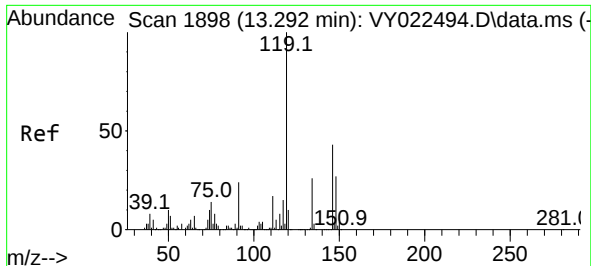
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 23.1 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 51.830 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

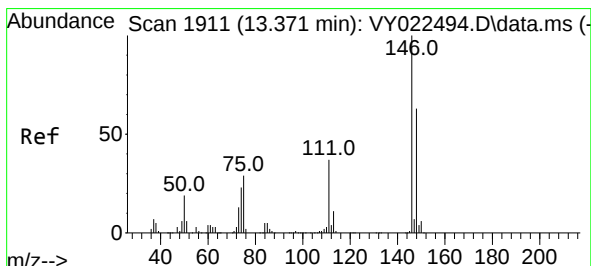
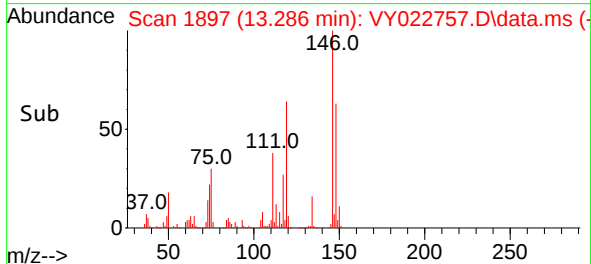
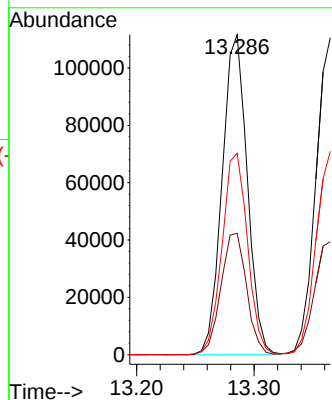
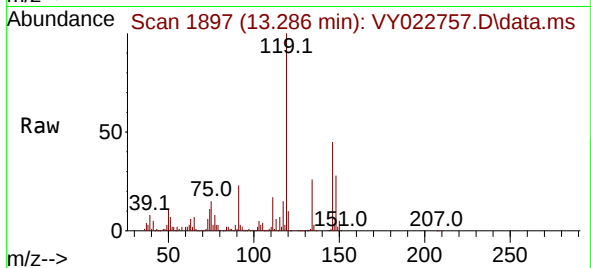
Tgt Ion:146 Resp: 165880

Ion Ratio Lower Upper

146 100

111 38.9 20.1 60.2

148 64.0 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 51.920 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

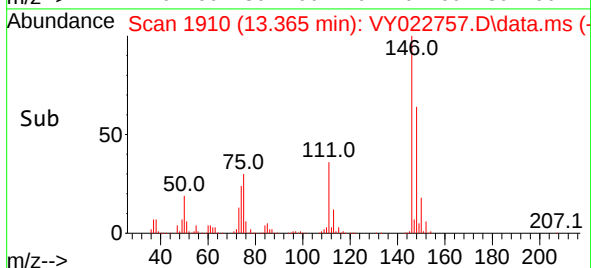
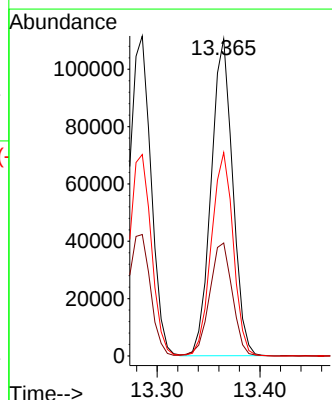
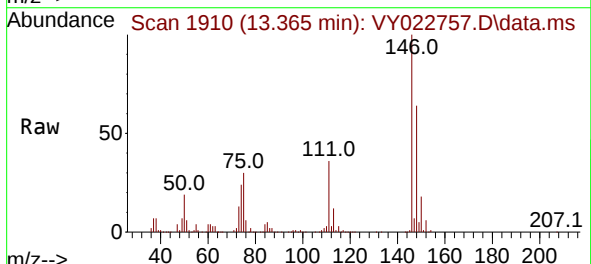
Tgt Ion:146 Resp: 161167

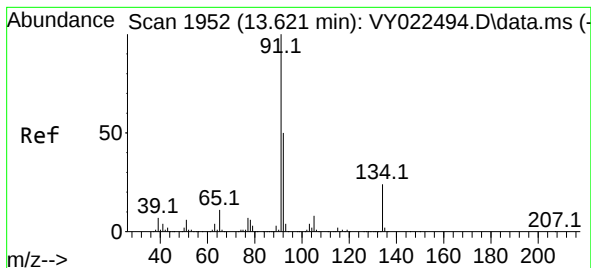
Ion Ratio Lower Upper

146 100

111 37.6 19.4 58.2

148 65.1 31.6 94.8





#89

n-Butylbenzene

Concen: 51.586 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

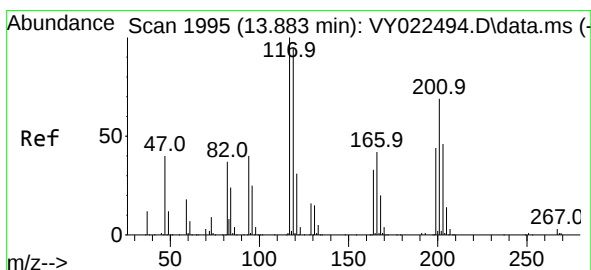
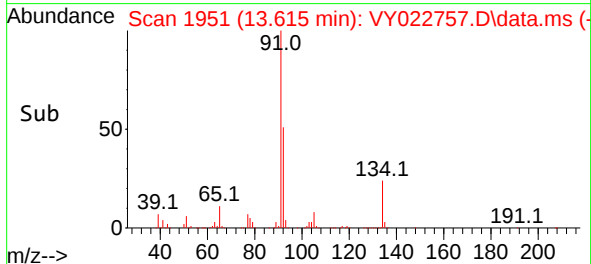
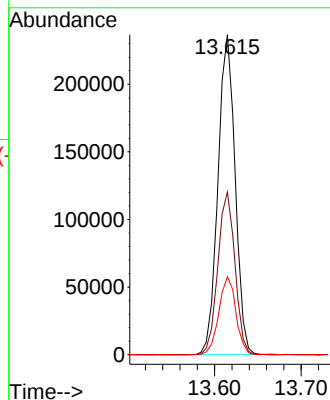
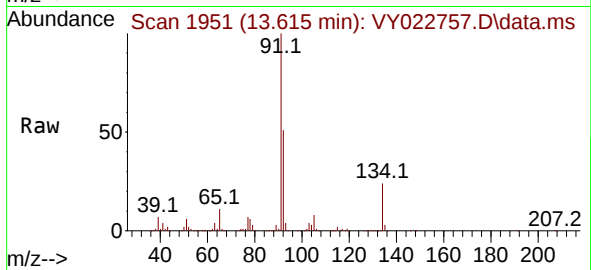
Tgt Ion: 91 Resp: 325886

Ion Ratio Lower Upper

91 100

92 50.6 25.9 77.8

134 24.3 12.0 36.1



#90

Hexachloroethane

Concen: 51.803 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022757.D

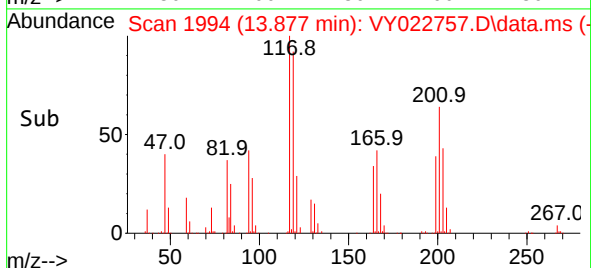
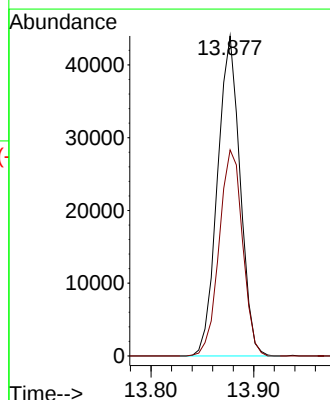
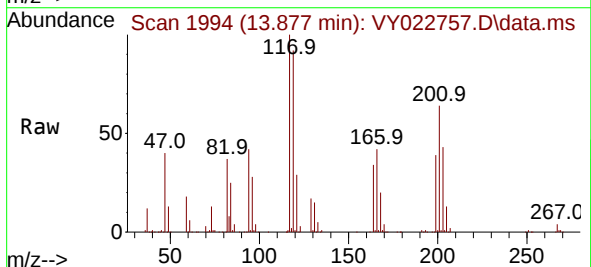
Acq: 19 Jun 2025 15:59

Tgt Ion: 117 Resp: 67152

Ion Ratio Lower Upper

117 100

201 66.7 34.0 102.0

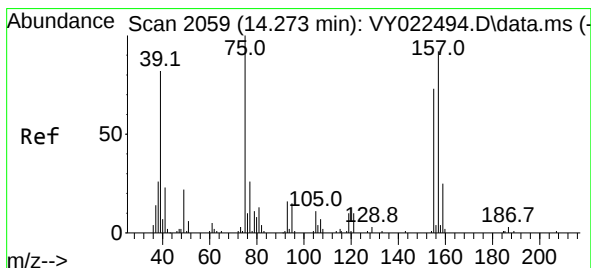
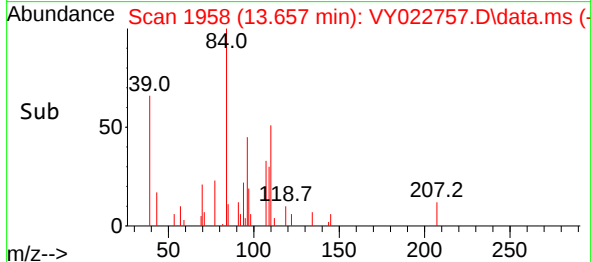
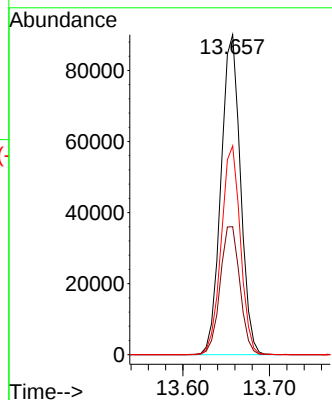
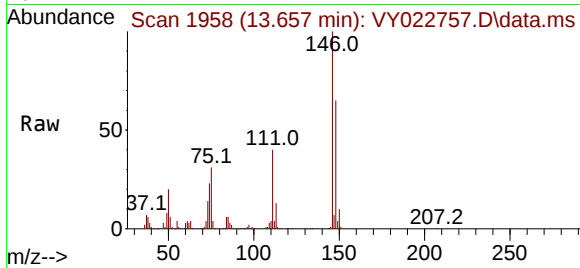




#91
 1,2-Dichlorobenzene
 Concen: 51.758 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022757.D
 Acq: 19 Jun 2025 15:59

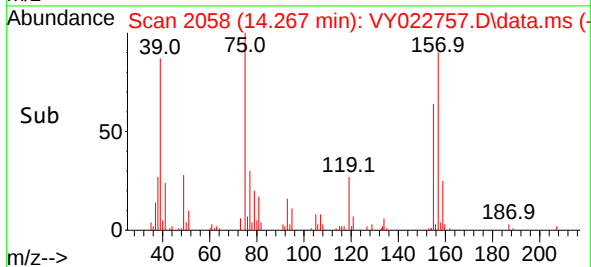
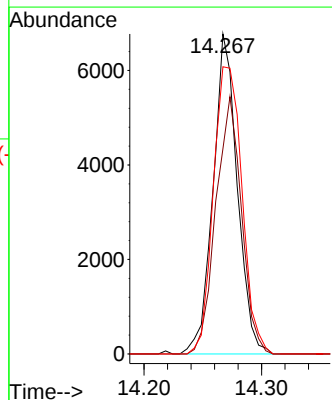
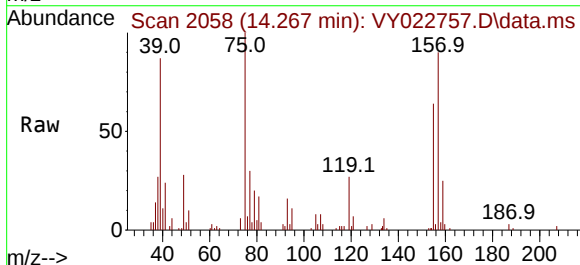
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

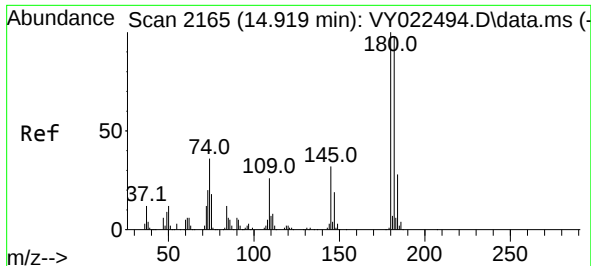
Tgt Ion:146 Resp: 140641
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.2 60.6
 148 64.2 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.291 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. -0.006 min
 Lab File: VY022757.D
 Acq: 19 Jun 2025 15:59

Tgt Ion: 75 Resp: 9711
 Ion Ratio Lower Upper
 75 100
 155 85.0 39.9 119.6
 157 106.1 54.0 162.0

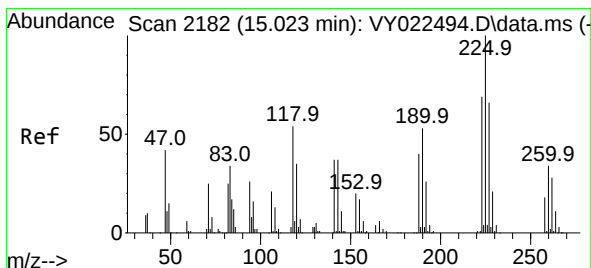
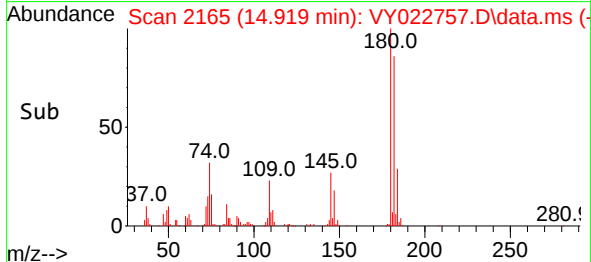
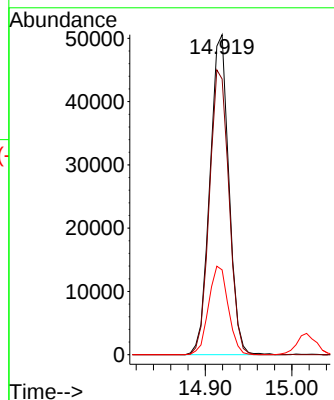
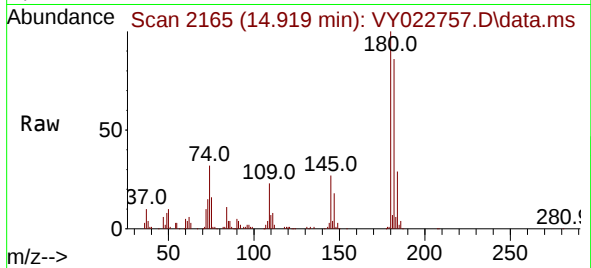




#93
1,2,4-Trichlorobenzene
Concen: 51.955 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

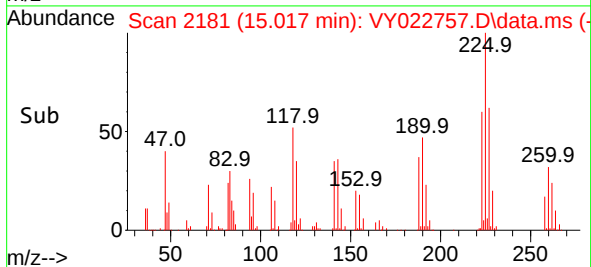
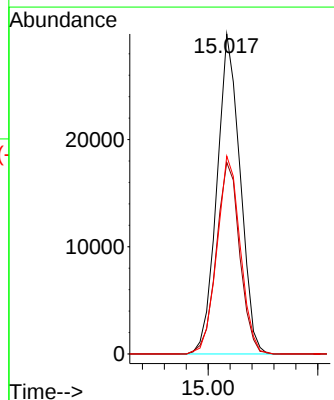
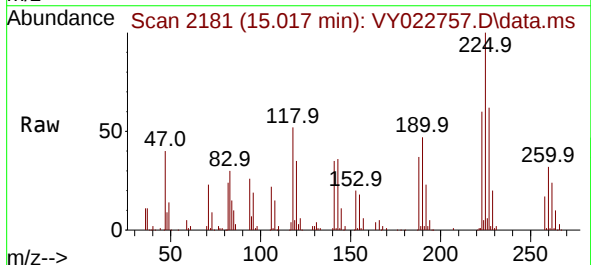
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

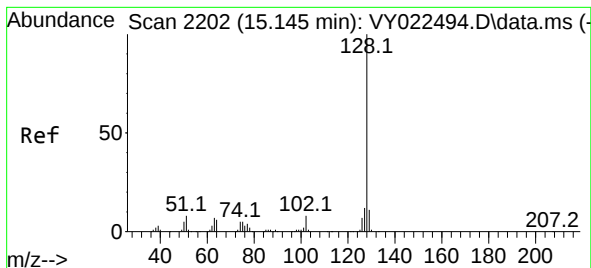
Tgt Ion:180 Resp: 76997
Ion Ratio Lower Upper
180 100
182 91.2 48.4 145.3
145 28.5 15.5 46.5



#94
Hexachlorobutadiene
Concen: 53.633 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. -0.006 min
Lab File: VY022757.D
Acq: 19 Jun 2025 15:59

Tgt Ion:225 Resp: 43870
Ion Ratio Lower Upper
225 100
223 60.4 32.5 97.4
227 62.0 32.3 96.9





#95

Naphthalene

Concen: 51.703 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

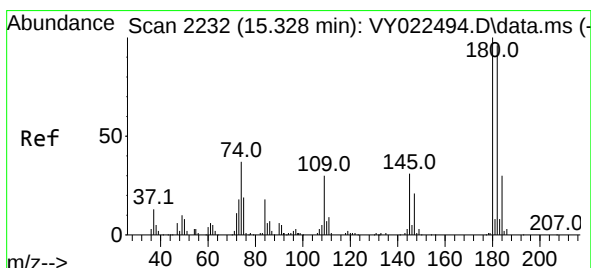
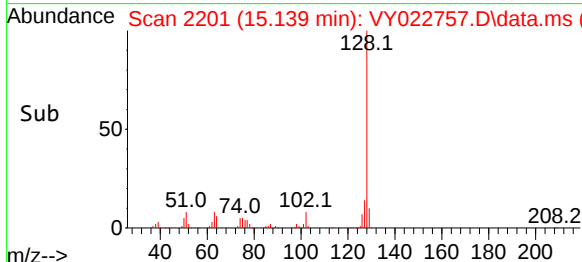
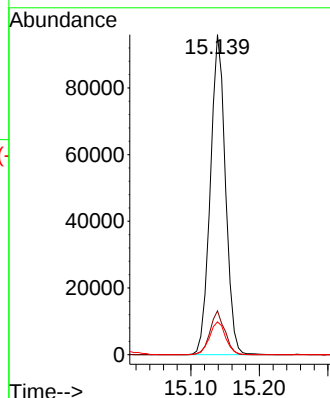
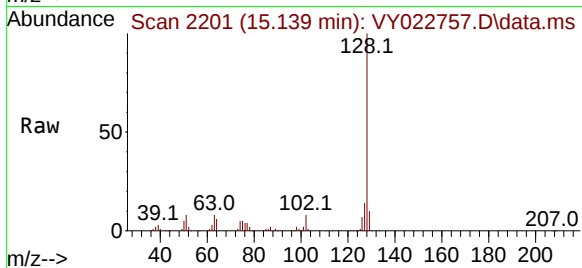
Tgt Ion:128 Resp: 147042

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 52.788 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022757.D

Acq: 19 Jun 2025 15:59

Tgt Ion:180 Resp: 67045

Ion Ratio Lower Upper

180 100

182 94.0 47.1 141.3

145 30.3 15.2 45.6

