

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
 Data File : VY022612.D
 Acq On : 06 Jun 2025 20:20
 Operator : SY/MD
 Sample : VSTDC0050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 06 23:48:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	141375	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	249252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	216790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	106638	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	89524	56.618	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.240%	
35) Dibromofluoromethane	7.628	113	82694	55.584	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.160%	
50) Toluene-d8	10.103	98	318338	52.956	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.920%	
62) 4-Bromofluorobenzene	12.401	95	95585	53.367	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	55938	44.194	ug/l	99
3) Chloromethane	2.062	50	186683	49.925	ug/l	100
4) Vinyl Chloride	2.196	62	282727	65.177	ug/l	98
5) Bromomethane	2.586	94	219479	52.789	ug/l	99
6) Chloroethane	2.726	64	204554	68.702	ug/l	96
7) Trichlorofluoromethane	3.043	101	251652	68.336	ug/l	100
8) Diethyl Ether	3.452	74	44762	53.974	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.805	101	77603	50.035	ug/l	99
10) Methyl Iodide	3.994	142	83930	50.005	ug/l	100
11) Tert butyl alcohol	4.860	59	31598	279.790	ug/l	97
12) 1,1-Dichloroethene	3.781	96	77090	51.998	ug/l	95
13) Acrolein	3.647	56	20839	148.062	ug/l	99
14) Allyl chloride	4.372	41	115881	49.790	ug/l	99
15) Acrylonitrile	5.049	53	101478	288.922	ug/l	98
16) Acetone	3.866	43	73163	227.838	ug/l	98
17) Carbon Disulfide	4.098	76	229497	48.351	ug/l	100
18) Methyl Acetate	4.378	43	63069	66.324	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	224119	53.672	ug/l	98
20) Methylene Chloride	4.604	84	92630	50.782	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	89085	53.689	ug/l	98
22) Diisopropyl ether	6.012	45	273183	52.732	ug/l	99
23) Vinyl Acetate	5.957	43	769229	250.870	ug/l	99
24) 1,1-Dichloroethane	5.909	63	163059	53.428	ug/l	99
25) 2-Butanone	6.890	43	125665	271.300	ug/l	98
26) 2,2-Dichloropropane	6.884	77	108672	40.300	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	103773	54.109	ug/l	99
28) Bromochloromethane	7.244	49	75646	56.861	ug/l	99
29) Tetrahydrofuran	7.256	42	83830	280.605	ug/l	98
30) Chloroform	7.414	83	170878	56.527	ug/l	98
31) Cyclohexane	7.695	56	136011	44.764	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	144087	53.694	ug/l	100
36) 1,1-Dichloropropene	7.829	75	118434	49.049	ug/l	100
37) Ethyl Acetate	6.982	43	57805	53.683	ug/l	99
38) Carbon Tetrachloride	7.811	117	123483	49.851	ug/l	99
39) Methylcyclohexane	9.103	83	151885	46.808	ug/l	97
40) Benzene	8.073	78	379924	53.272	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	32260	51.291	ug/l	99
42) 1,2-Dichloroethane	8.152	62	104352	53.589	ug/l	99
43) Isopropyl Acetate	8.195	43	120857	51.969	ug/l	100
44) Trichloroethene	8.859	130	90618	51.989	ug/l	95
45) 1,2-Dichloropropane	9.140	63	89605	53.163	ug/l	99
46) Dibromomethane	9.231	93	52337	55.195	ug/l	99
47) Bromodichloromethane	9.420	83	133048	55.336	ug/l	98
48) Methyl methacrylate	9.219	41	57044	52.264	ug/l	94
49) 1,4-Dioxane	9.225	88	13377	1190.802	ug/l	100
51) 4-Methyl-2-Pentanone	9.993	43	323065	278.634	ug/l	98
52) Toluene	10.164	92	235347	52.512	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	113117	50.212	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	131741	50.237	ug/l	98
55) 1,1,2-Trichloroethane	10.566	97	66001	54.587	ug/l	96
56) Ethyl methacrylate	10.432	69	92250	52.788	ug/l	99
57) 1,3-Dichloropropane	10.713	76	115098	53.708	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	226134	285.010	ug/l	100
59) 2-Hexanone	10.755	43	213981	275.949	ug/l	99
60) Dibromochloromethane	10.908	129	83361	54.252	ug/l	100
61) 1,2-Dibromoethane	11.011	107	60950	55.307	ug/l	95
64) Tetrachloroethene	10.646	164	103198	55.338	ug/l	99
65) Chlorobenzene	11.438	112	248218	51.741	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	84438	52.249	ug/l	100
67) Ethyl Benzene	11.517	91	452228	50.824	ug/l	99
68) m/p-Xylenes	11.627	106	343816	101.928	ug/l	99
69) o-Xylene	11.950	106	162980	51.535	ug/l	100
70) Styrene	11.962	104	277085	53.004	ug/l	99
71) Bromoform	12.127	173	45921	53.397	ug/l #	100
73) Isopropylbenzene	12.249	105	417937	47.737	ug/l	99
74) N-amyl acetate	12.066	43	107880	48.835	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	71191	49.544	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	97922	80.265	ug/l #	100
77) Bromobenzene	12.529	156	91803	49.690	ug/l	98
78) n-propylbenzene	12.590	91	512675	47.944	ug/l	99
79) 2-Chlorotoluene	12.676	91	278408	49.124	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	332715	48.406	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	20636	40.849	ug/l	99
82) 4-Chlorotoluene	12.773	91	276434	47.281	ug/l	97
83) tert-Butylbenzene	12.993	119	297065	48.154	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	338744	49.275	ug/l	99
85) sec-Butylbenzene	13.170	105	453553	48.005	ug/l	100
86) p-Isopropyltoluene	13.285	119	373945	48.016	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	185441	49.540	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	179975	49.572	ug/l	99
89) n-Butylbenzene	13.615	91	357860	48.433	ug/l	99
90) Hexachloroethane	13.877	117	74734	49.292	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	162736	51.205	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11694	55.897	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	87657	50.571	ug/l	99
94) Hexachlorobutadiene	15.017	225	47968	50.140	ug/l	97
95) Naphthalene	15.139	128	182664	54.915	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	77422	52.119	ug/l	99

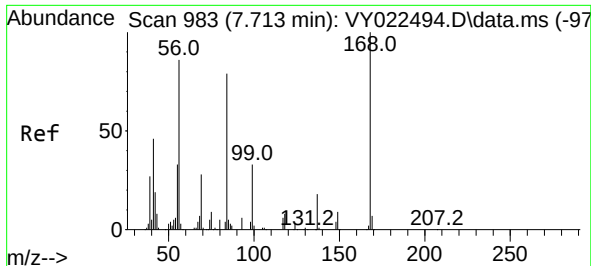
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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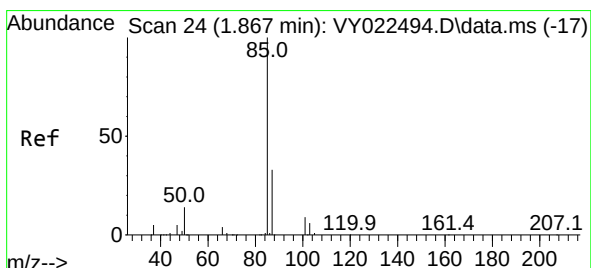
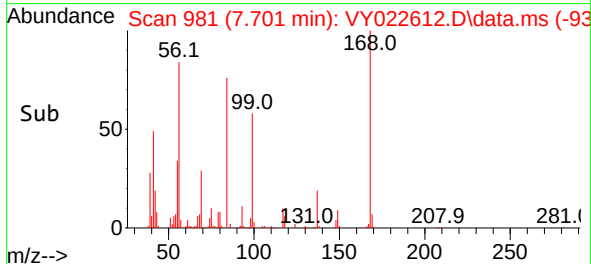
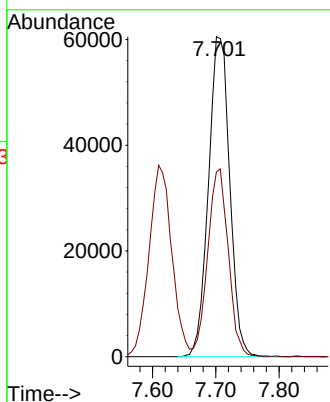
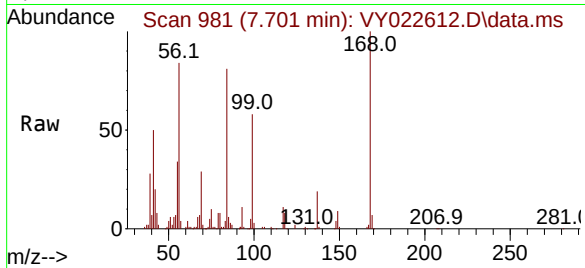
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

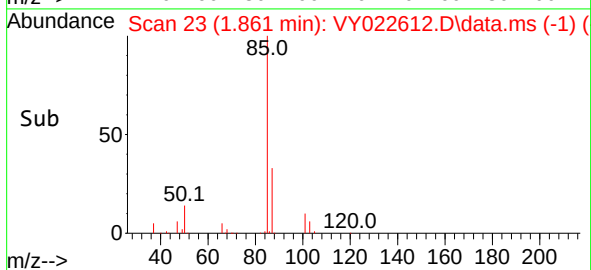
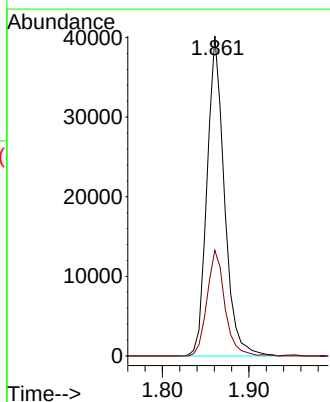
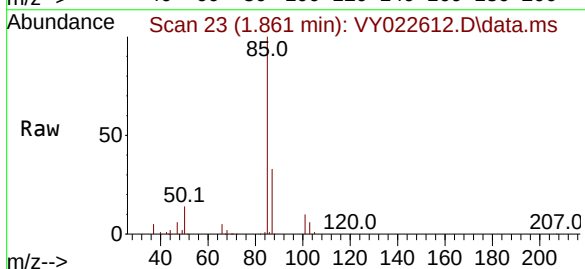
Instrument :
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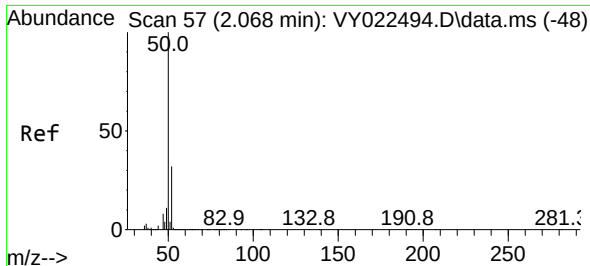
Tgt Ion:168 Resp: 141375
Ion Ratio Lower Upper
168 100
99 57.6 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 44.194 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 85 Resp: 55938
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.0

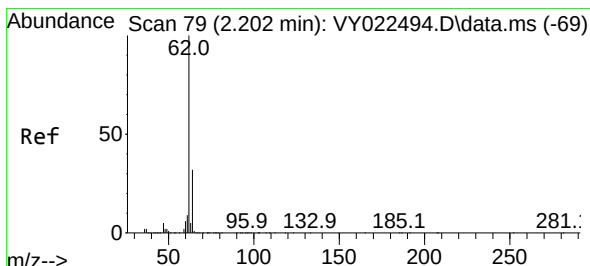
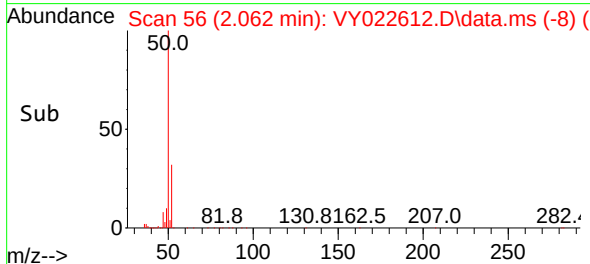
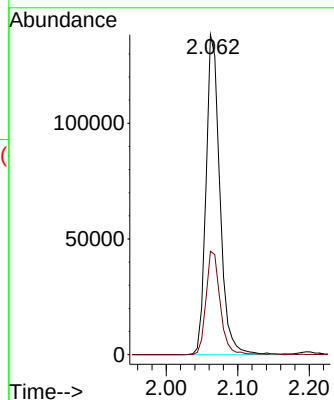
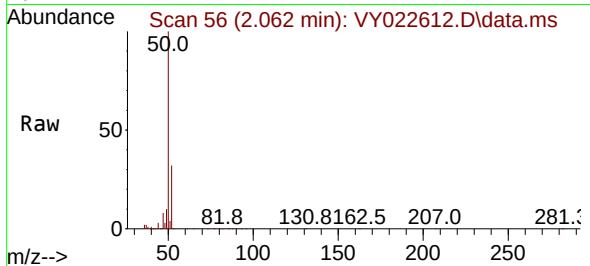




#3
Chloromethane
Concen: 49.925 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

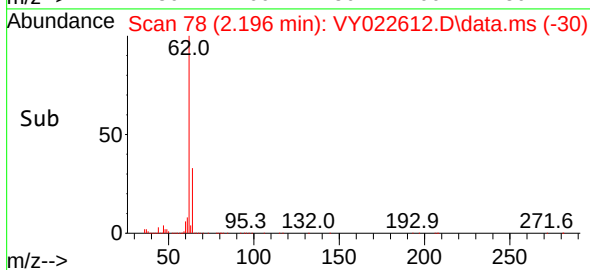
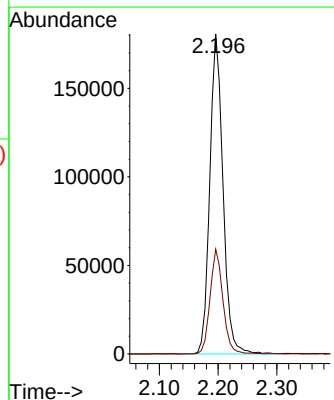
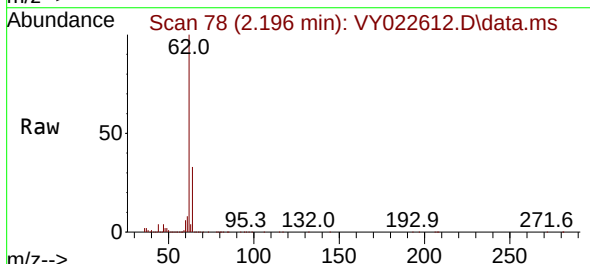
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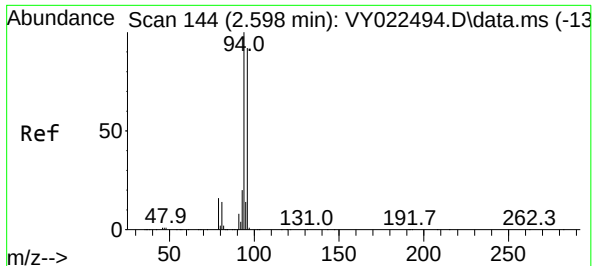
Tgt Ion: 50 Resp: 186683
Ion Ratio Lower Upper
50 100
52 32.3 26.0 39.0



#4
Vinyl Chloride
Concen: 65.177 ug/l
RT: 2.196 min Scan# 78
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 62 Resp: 282727
Ion Ratio Lower Upper
62 100
64 32.7 25.3 37.9

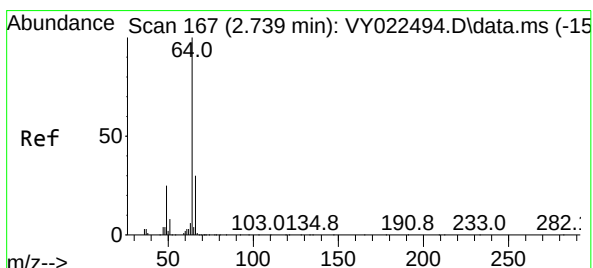
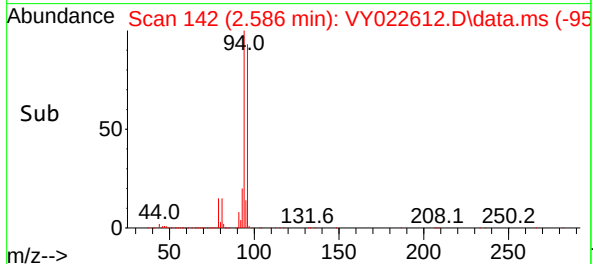
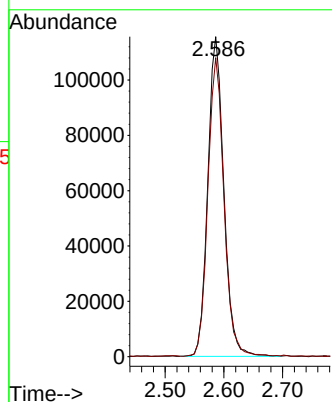
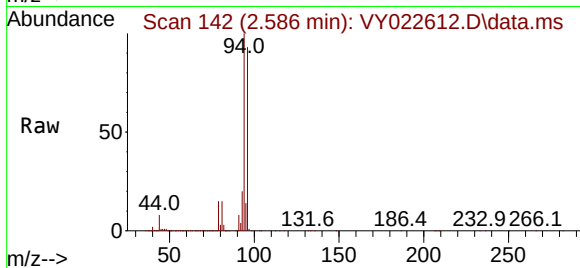




#5
Bromomethane
Concen: 52.789 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.012 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

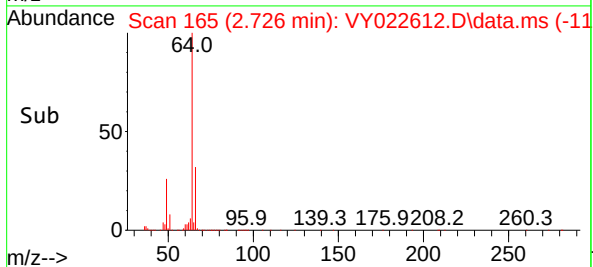
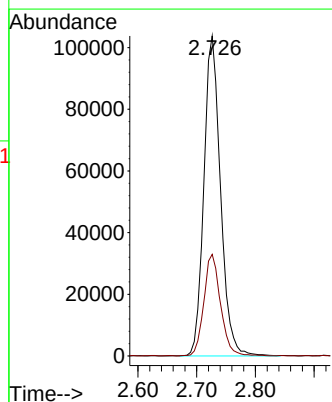
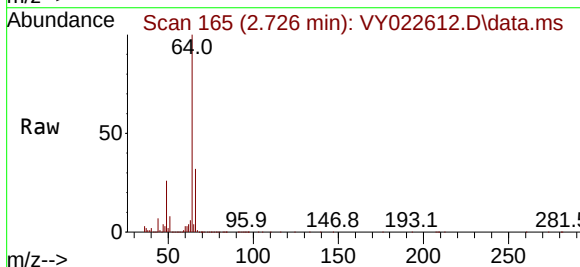
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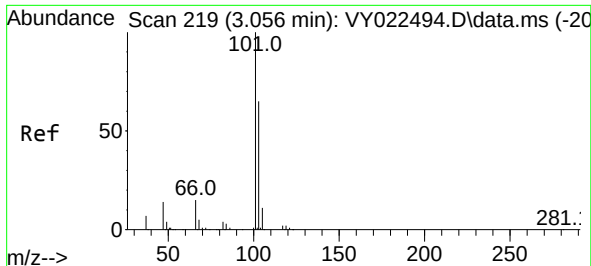
Tgt Ion: 94 Resp: 219479
Ion Ratio Lower Upper
94 100
96 93.4 74.0 111.0



#6
Chloroethane
Concen: 68.702 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 64 Resp: 204554
Ion Ratio Lower Upper
64 100
66 31.7 23.8 35.6

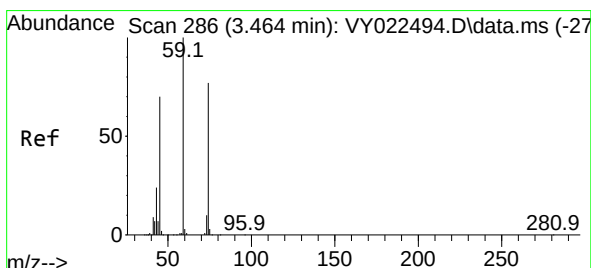
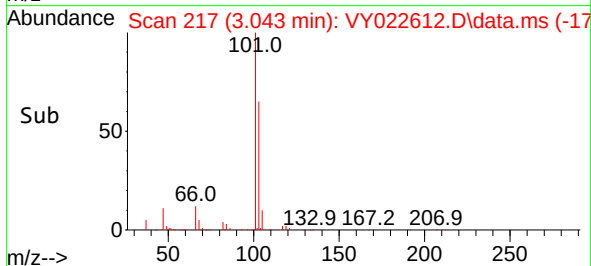
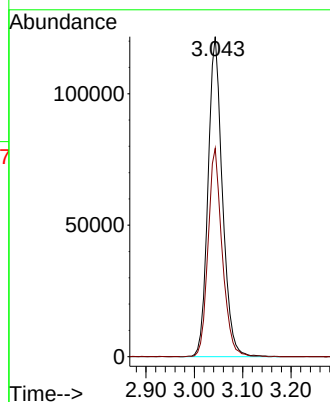
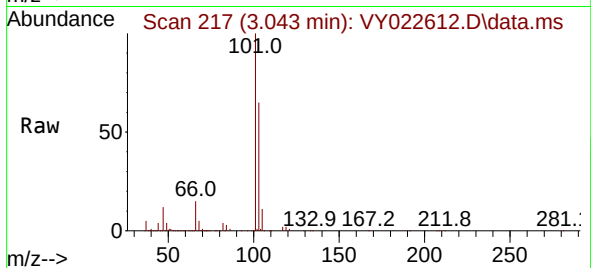




#7
 Trichlorofluoromethane
 Concen: 68.336 ug/l
 RT: 3.043 min Scan# 219
 Delta R.T. -0.012 min
 Lab File: VY022612.D
 Acq: 06 Jun 2025 20:20

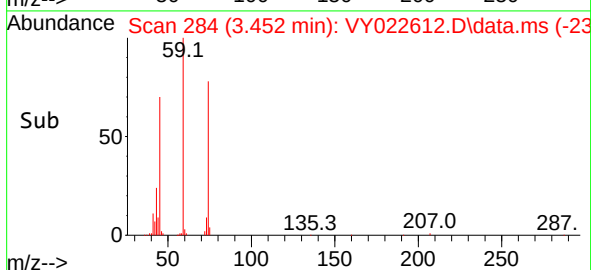
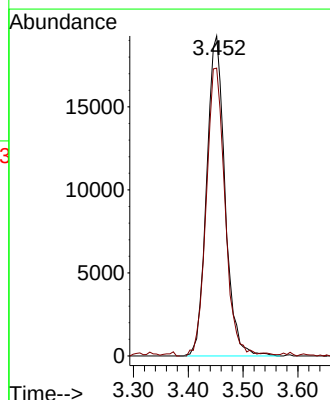
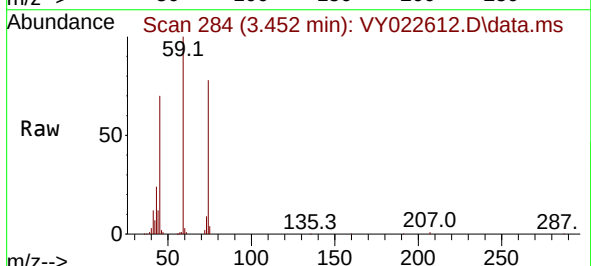
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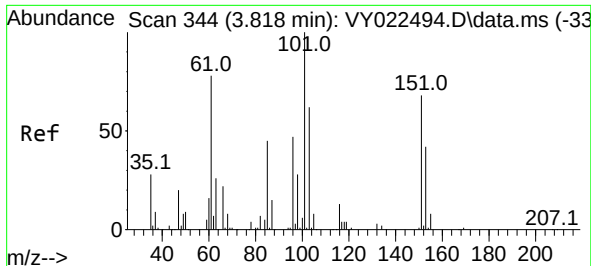
Tgt Ion:101 Resp: 251652
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.2 78.2



#8
 Diethyl Ether
 Concen: 53.974 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.012 min
 Lab File: VY022612.D
 Acq: 06 Jun 2025 20:20

Tgt Ion: 74 Resp: 44762
 Ion Ratio Lower Upper
 74 100
 45 91.8 45.9 137.6

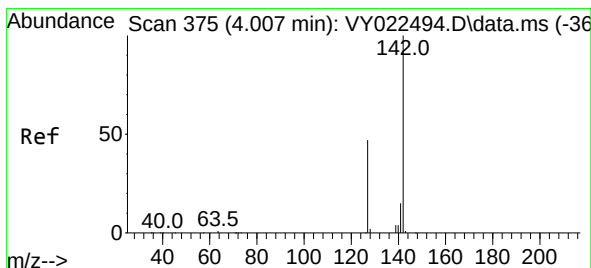
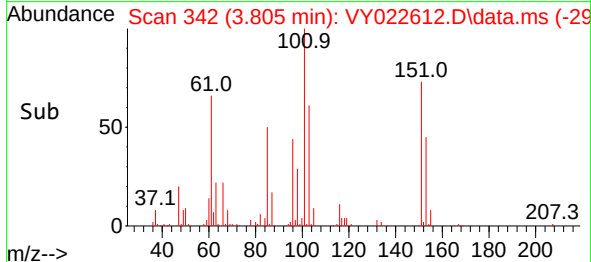
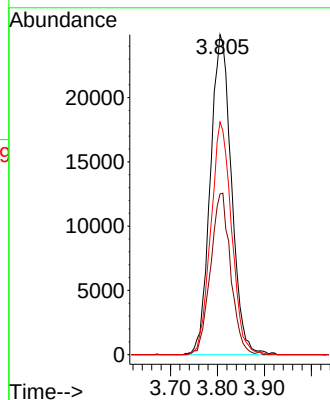
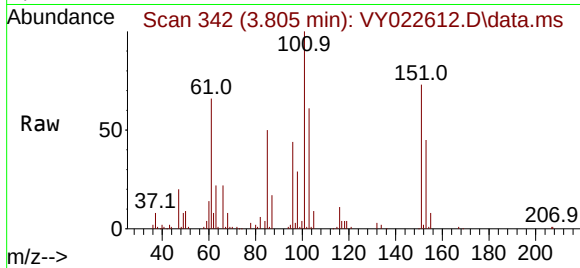




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.035 ug/l
RT: 3.805 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

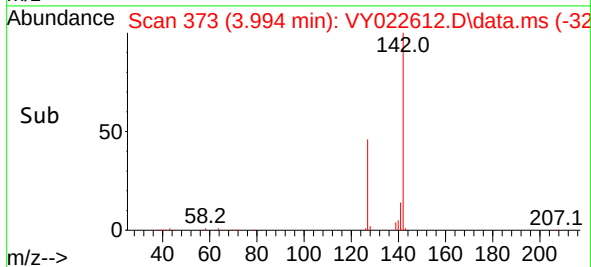
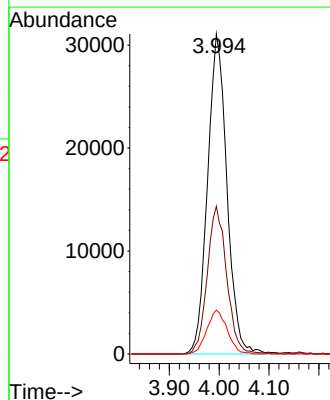
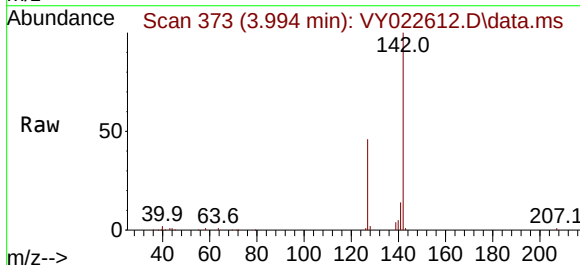
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

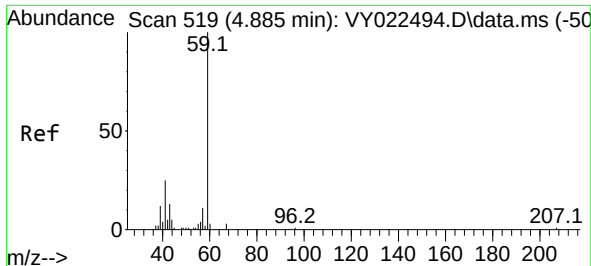
Tgt Ion:101 Resp: 77603
Ion Ratio Lower Upper
101 100
85 48.0 39.3 58.9
151 71.5 57.8 86.8



#10
Methyl Iodide
Concen: 50.005 ug/l
RT: 3.994 min Scan# 373
Delta R.T. -0.012 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

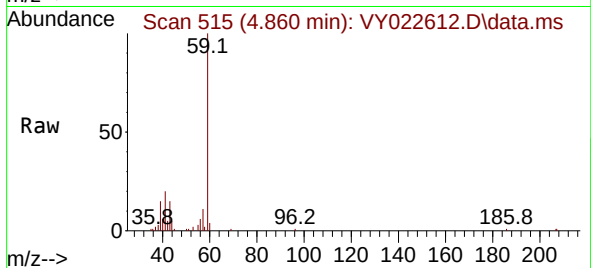
Tgt Ion:142 Resp: 83930
Ion Ratio Lower Upper
142 100
127 46.3 37.1 55.7
141 14.4 11.4 17.2



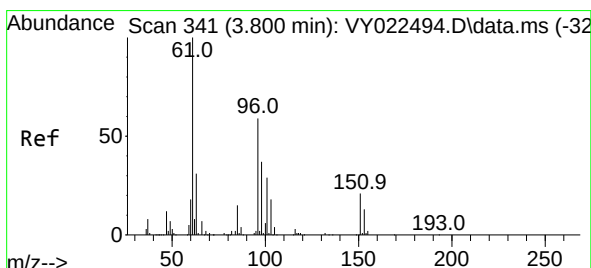
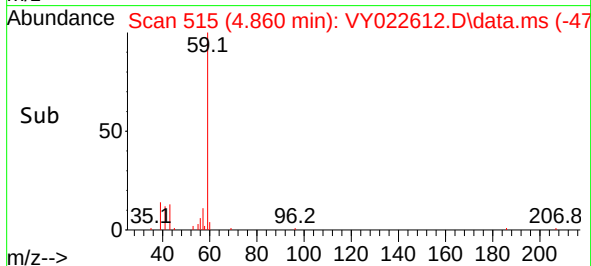
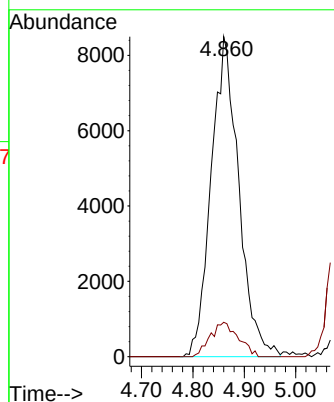


#11
Tert butyl alcohol
Concen: 279.790 ug/l
RT: 4.860 min Scan# 519
Delta R.T. -0.025 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

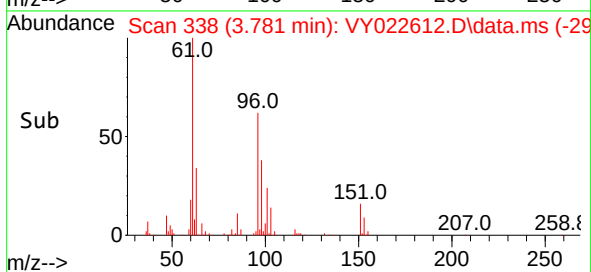
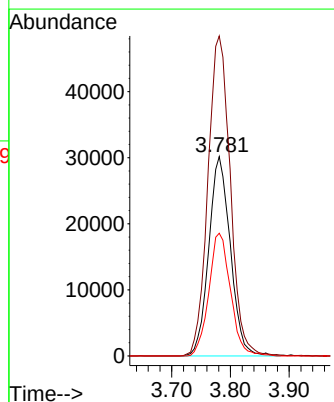
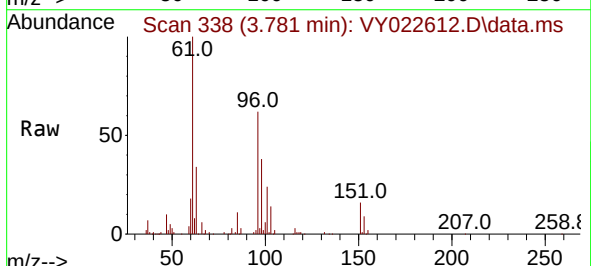


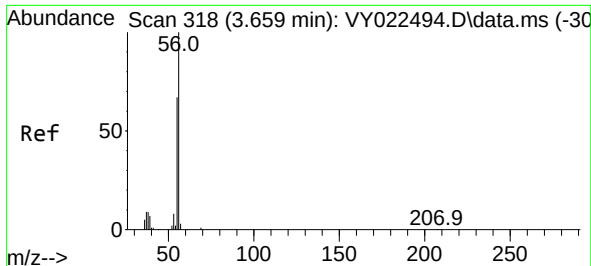
Tgt Ion: 59 Resp: 31598
Ion Ratio Lower Upper
59 100
57 11.0 8.0 12.0



#12
1,1-Dichloroethene
Concen: 51.998 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.019 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 96 Resp: 77090
Ion Ratio Lower Upper
96 100
61 160.6 134.6 201.8
98 61.5 50.2 75.4

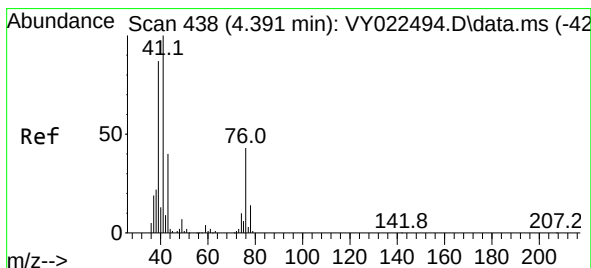
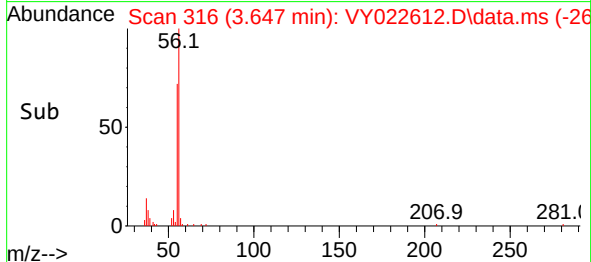
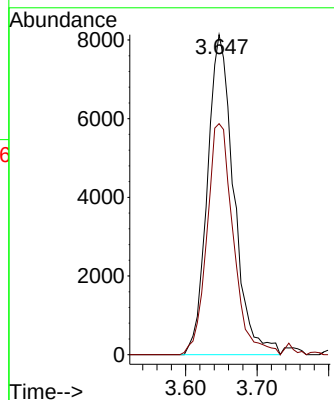
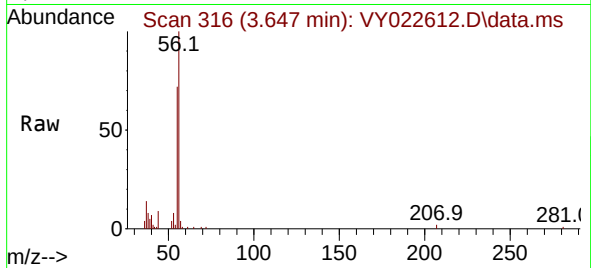




#13
Acrolein
Concen: 148.062 ug/l
RT: 3.647 min Scan# 318
Delta R.T. -0.012 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

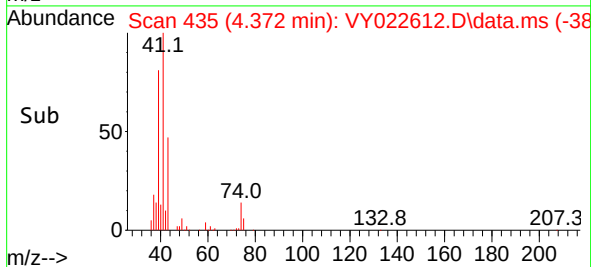
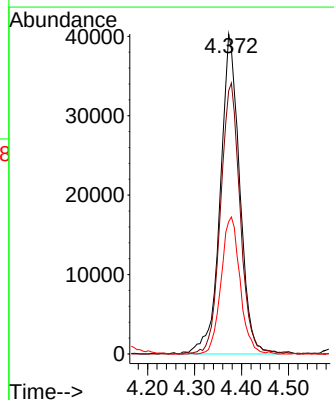
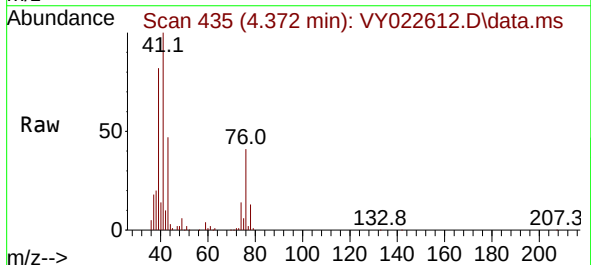
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

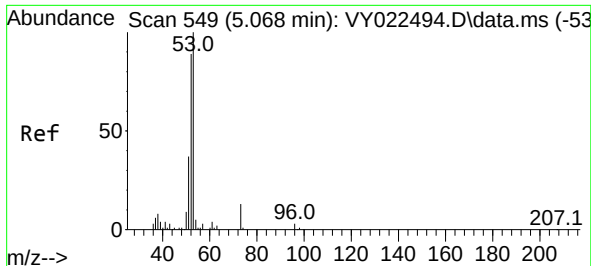
Tgt Ion: 56 Resp: 20839
Ion Ratio Lower Upper
56 100
55 72.2 57.0 85.6



#14
Allyl chloride
Concen: 49.790 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.019 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 41 Resp: 115881
Ion Ratio Lower Upper
41 100
39 85.6 69.1 103.7
76 41.7 33.5 50.3

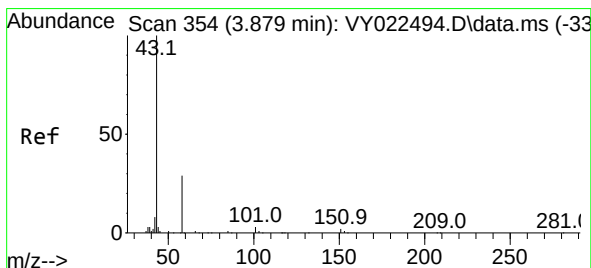
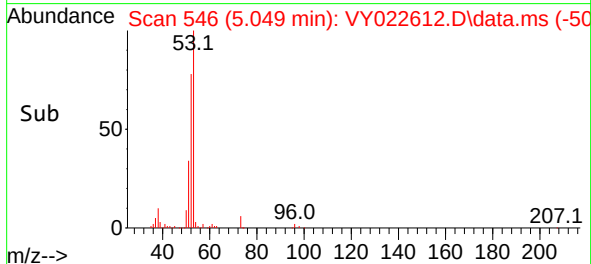
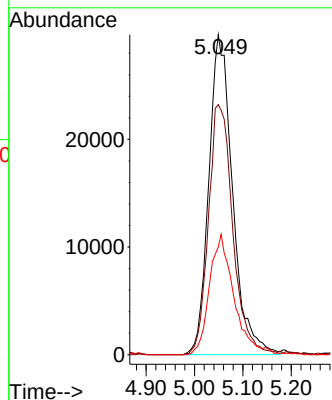
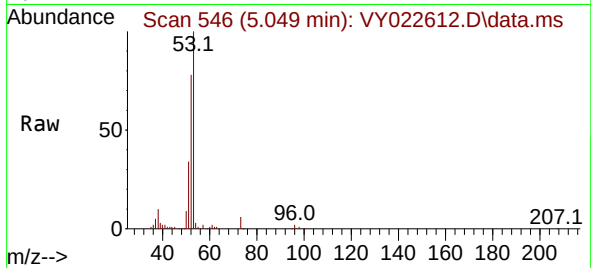




#15
Acrylonitrile
Concen: 288.922 ug/l
RT: 5.049 min Scan# 549
Delta R.T. -0.019 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

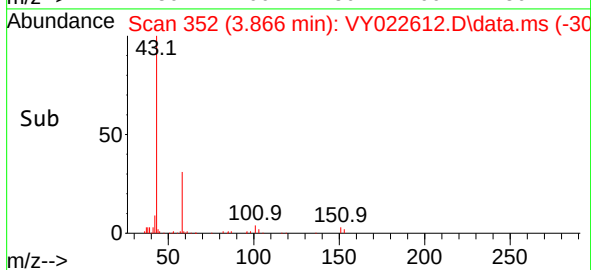
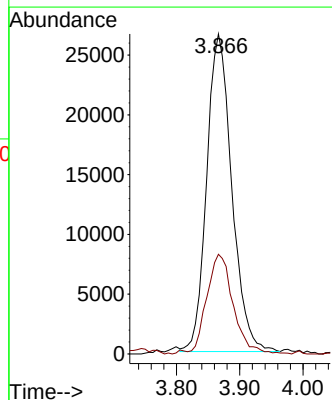
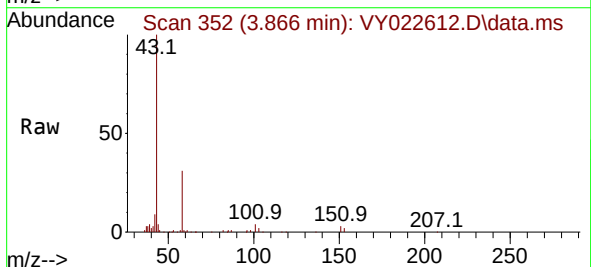
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

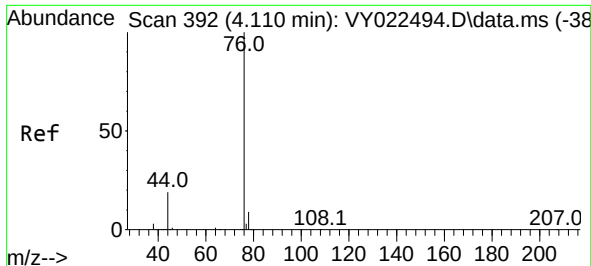
Tgt Ion: 53 Resp: 101478
Ion Ratio Lower Upper
53 100
52 80.0 65.7 98.5
51 38.6 30.1 45.1



#16
Acetone
Concen: 227.838 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 43 Resp: 73163
Ion Ratio Lower Upper
43 100
58 31.1 24.0 36.0

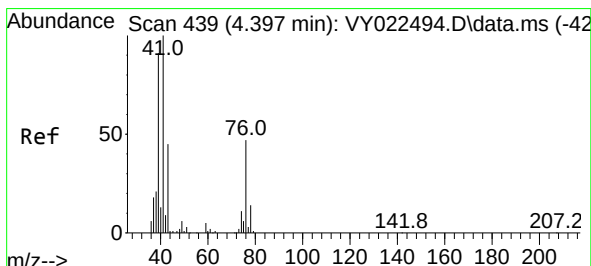
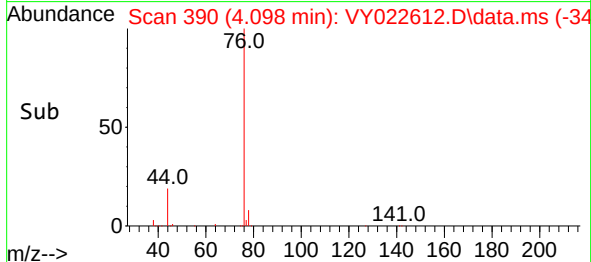
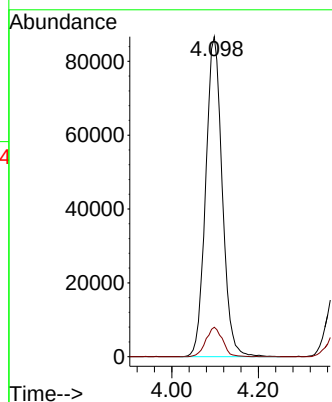
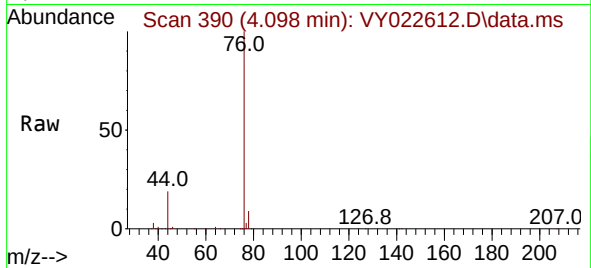




#17
Carbon Disulfide
Concen: 48.351 ug/l
RT: 4.098 min Scan# 392
Delta R.T. -0.012 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

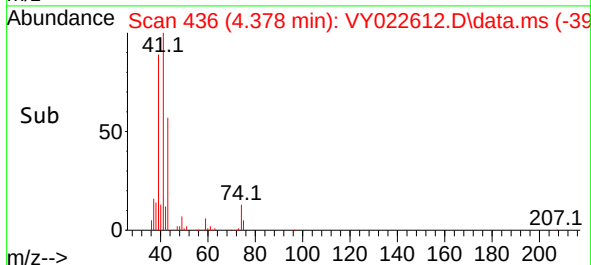
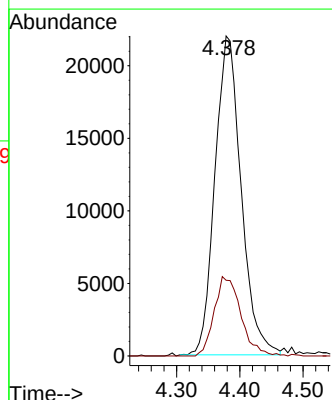
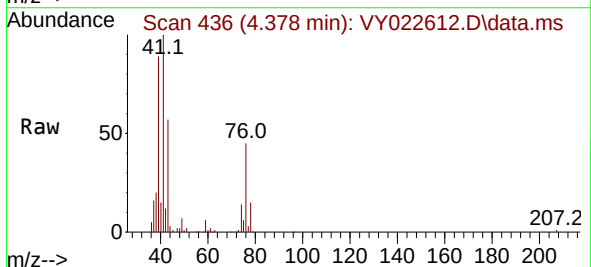
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

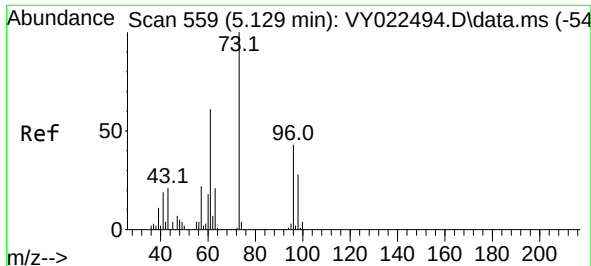
Tgt Ion: 76 Resp: 229497
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 66.324 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.019 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 43 Resp: 63069
Ion Ratio Lower Upper
43 100
74 25.3 19.8 29.6

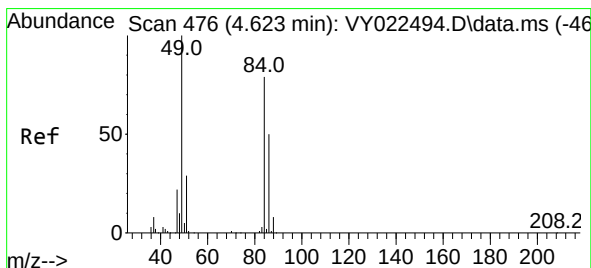
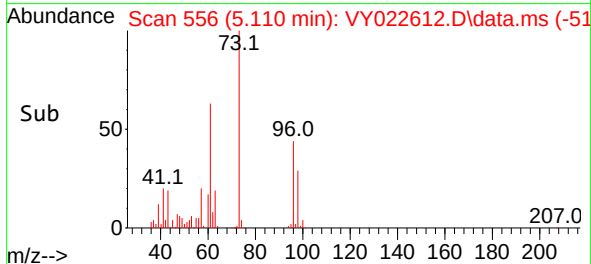
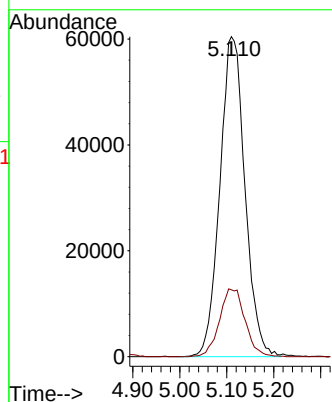
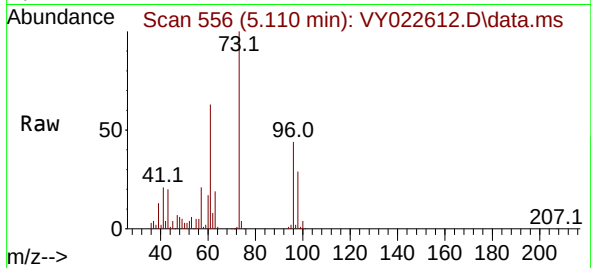




#19
Methyl tert-butyl Ether
Concen: 53.672 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.019 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

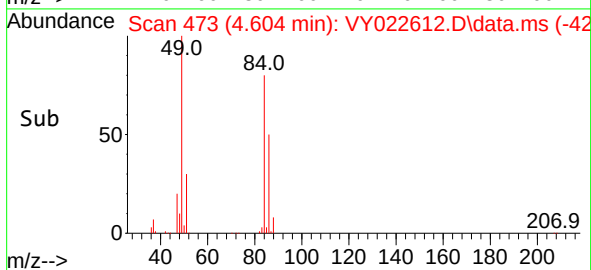
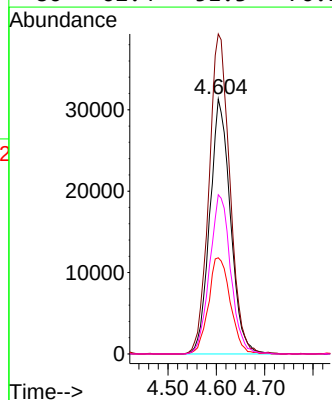
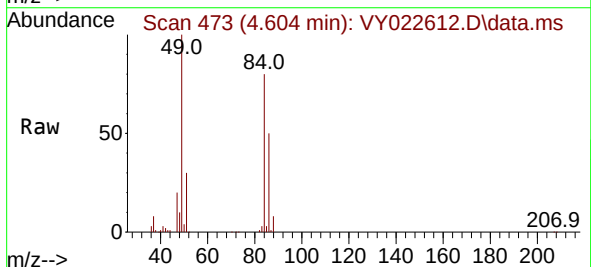
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

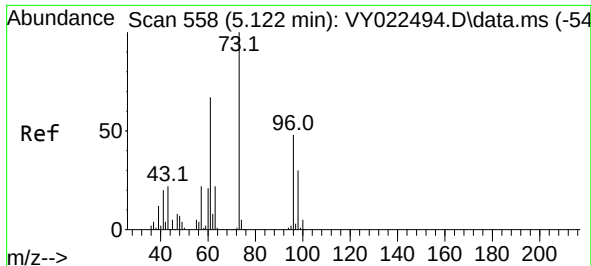
Tgt Ion: 73 Resp: 224119
Ion Ratio Lower Upper
73 100
57 20.9 17.4 26.0



#20
Methylene Chloride
Concen: 50.782 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.019 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 84 Resp: 92630
Ion Ratio Lower Upper
84 100
49 125.5 101.9 152.9
51 37.7 29.8 44.8
86 62.4 51.3 76.9

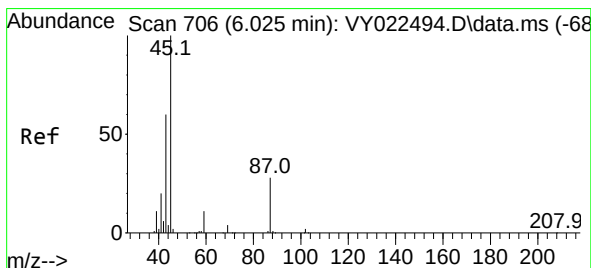
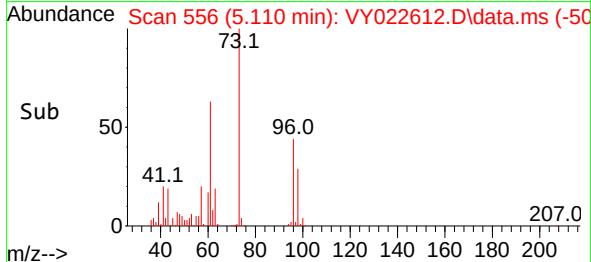
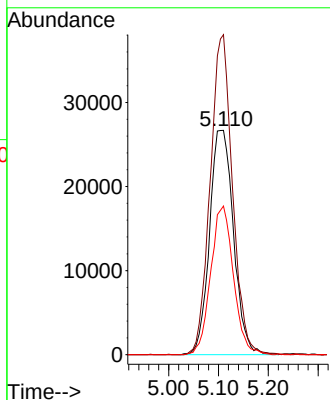
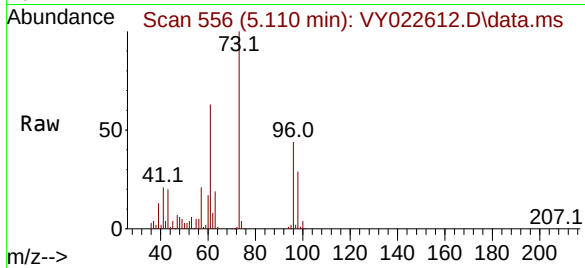




#21
trans-1,2-Dichloroethene
Concen: 53.689 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

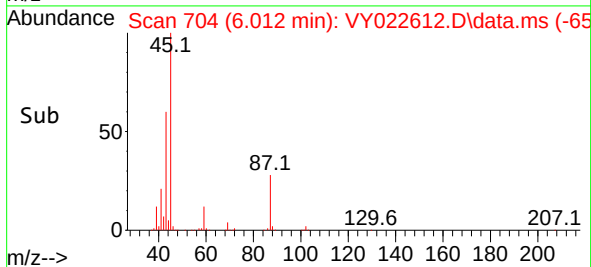
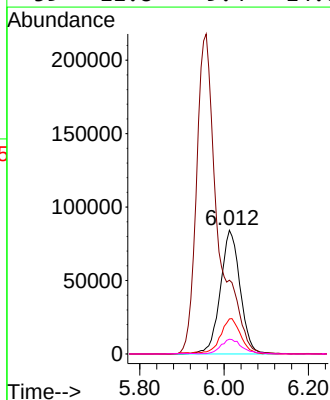
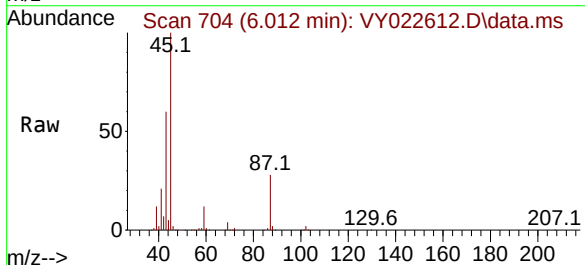
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

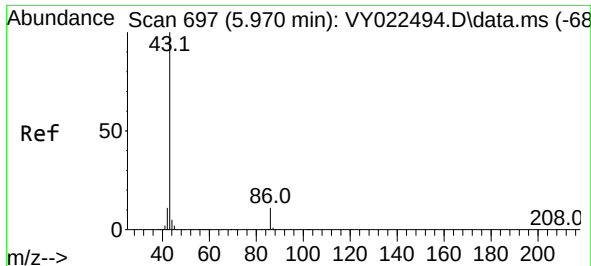
Tgt Ion: 96 Resp: 89085
Ion Ratio Lower Upper
96 100
61 142.7 112.6 169.0
98 66.3 50.6 75.8



#22
Diisopropyl ether
Concen: 52.732 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 45 Resp: 273183
Ion Ratio Lower Upper
45 100
43 59.3 48.3 72.5
87 28.3 23.0 34.6
59 11.8 9.4 14.0

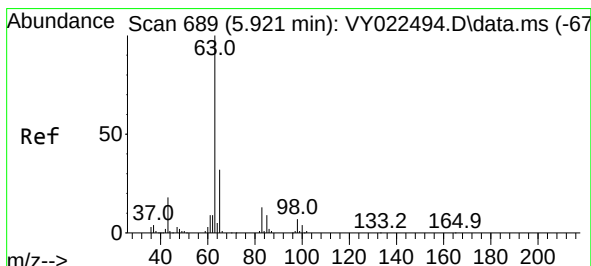
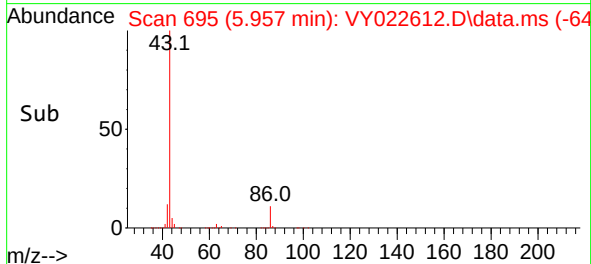
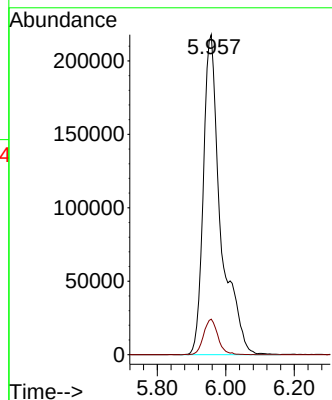
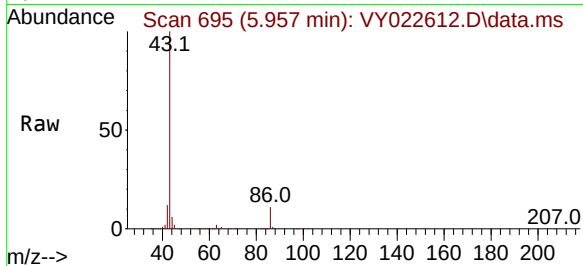




#23
 Vinyl Acetate
 Concen: 250.870 ug/l
 RT: 5.957 min Scan# 64
 Delta R.T. -0.012 min
 Lab File: VY022612.D
 Acq: 06 Jun 2025 20:20

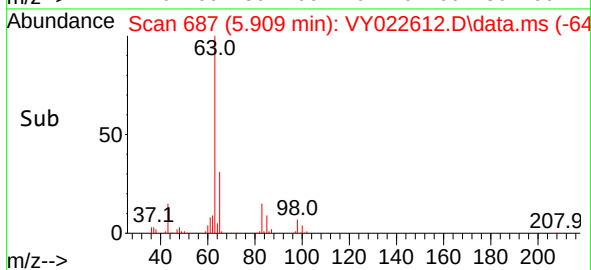
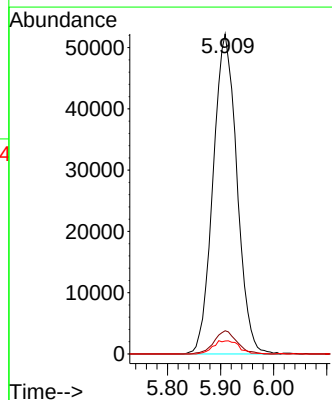
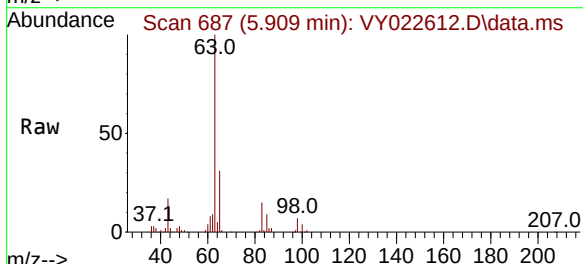
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

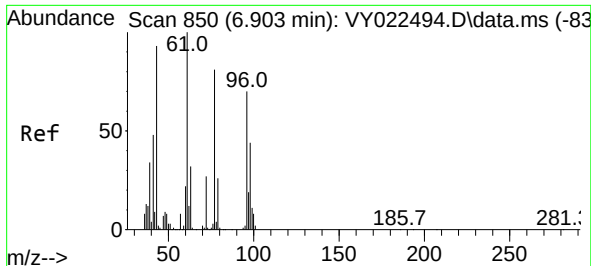
Tgt Ion: 43 Resp: 769229
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 53.428 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022612.D
 Acq: 06 Jun 2025 20:20

Tgt Ion: 63 Resp: 163059
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.1
 100 4.0 2.1 6.3

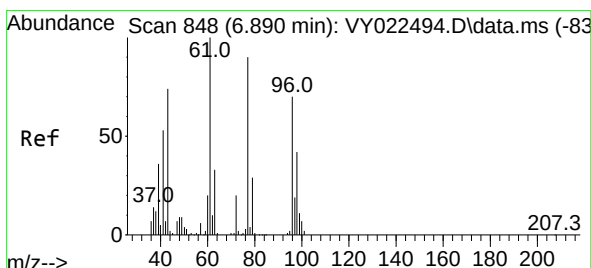
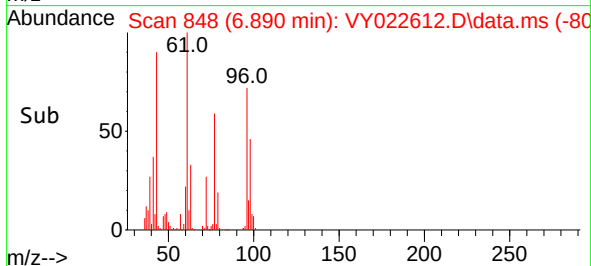
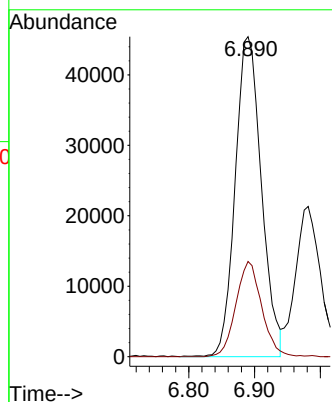
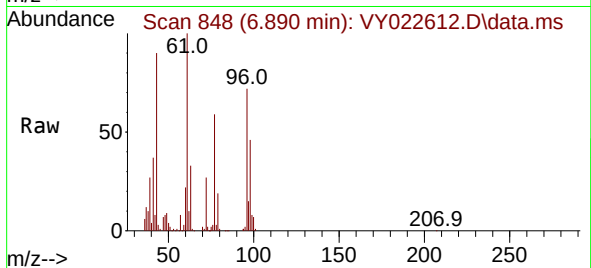




#25
2-Butanone
Concen: 271.300 ug/l
RT: 6.890 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

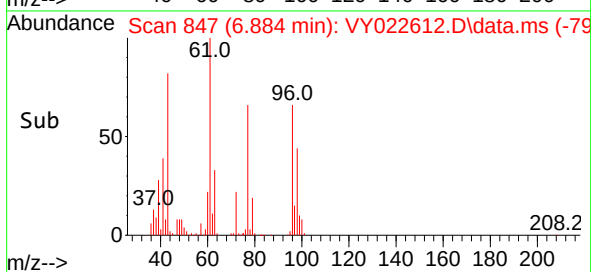
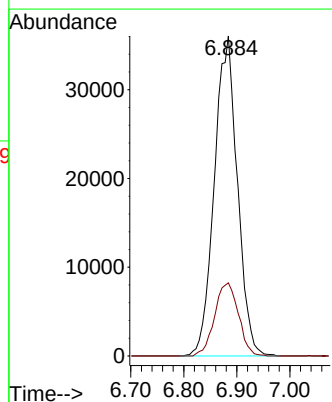
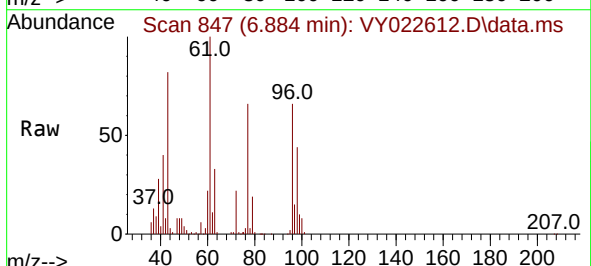
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

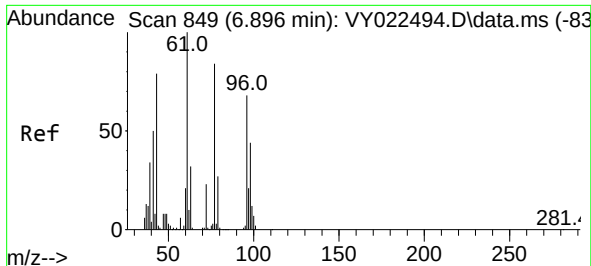
Tgt Ion: 43 Resp: 125665
Ion Ratio Lower Upper
43 100
72 29.7 22.9 34.3



#26
2,2-Dichloropropane
Concen: 40.300 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 77 Resp: 108672
Ion Ratio Lower Upper
77 100
97 23.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 54.109 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

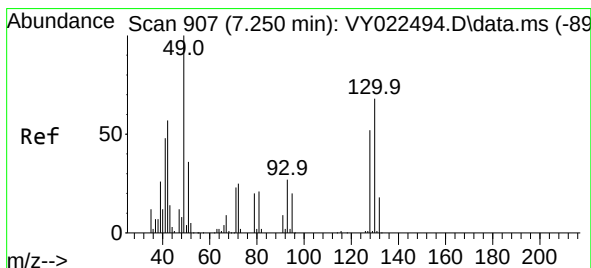
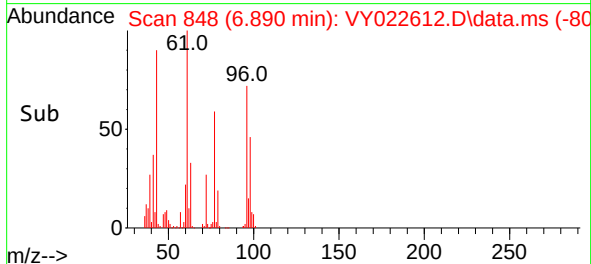
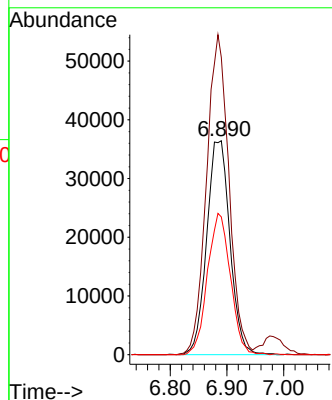
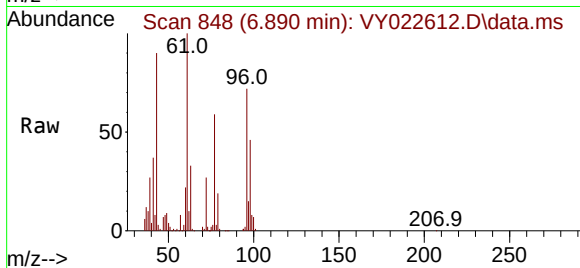
Tgt Ion: 96 Resp: 103773

Ion Ratio Lower Upper

96 100

61 144.1 0.0 290.0

98 65.1 0.0 128.4



#28

Bromochloromethane

Concen: 56.861 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

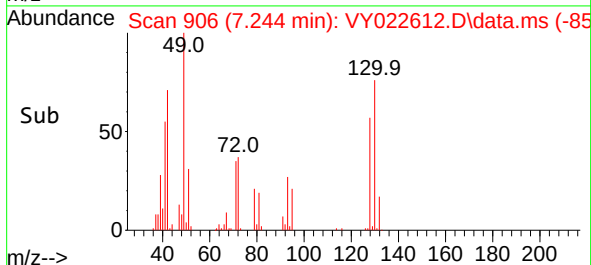
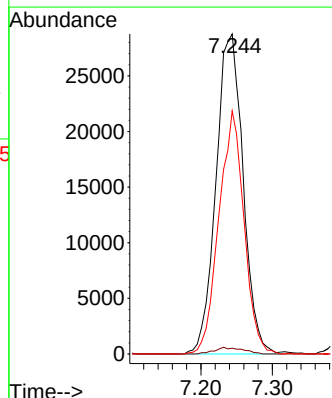
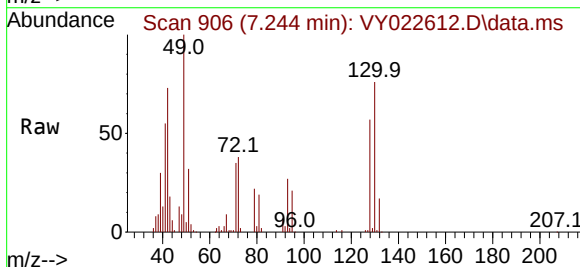
Tgt Ion: 49 Resp: 75646

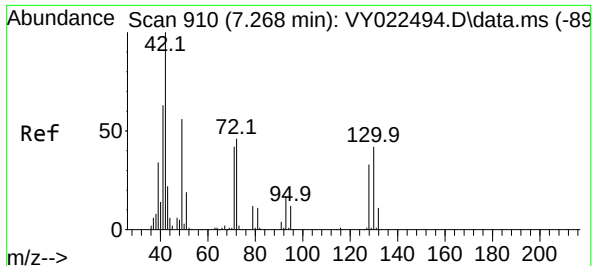
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.6

130 70.4 55.7 83.5





#29

Tetrahydrofuran

Concen: 280.605 ug/l

RT: 7.256 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

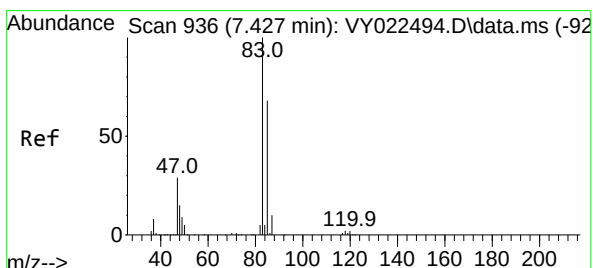
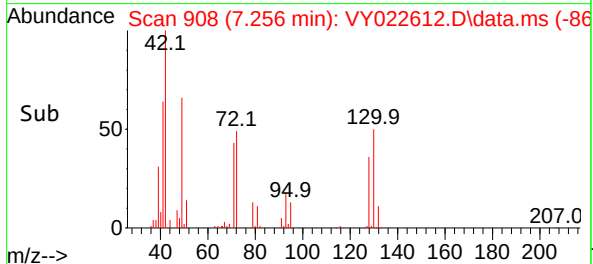
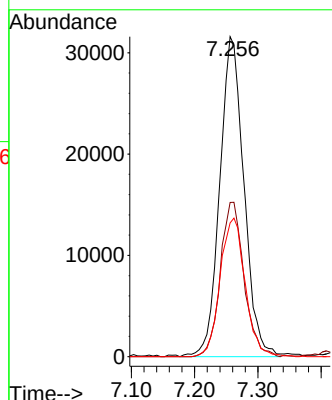
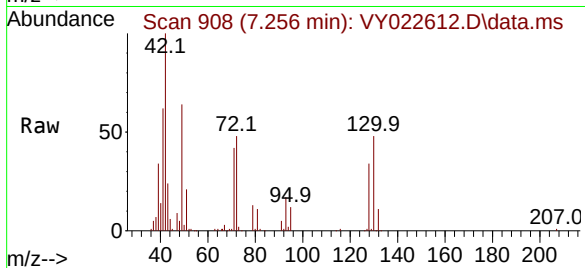
Tgt Ion: 42 Resp: 83830

Ion Ratio Lower Upper

42 100

72 47.4 37.4 56.2

71 44.7 34.2 51.2



#30

Chloroform

Concen: 56.527 ug/l

RT: 7.414 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY022612.D

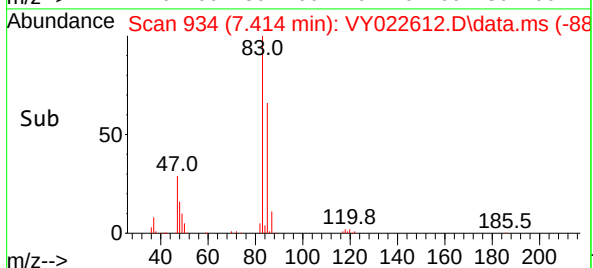
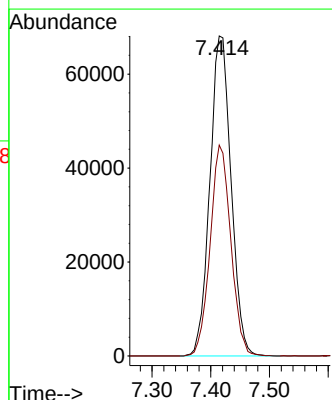
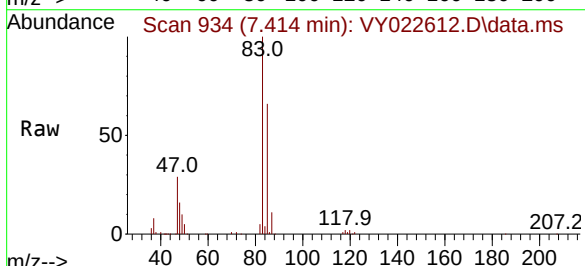
Acq: 06 Jun 2025 20:20

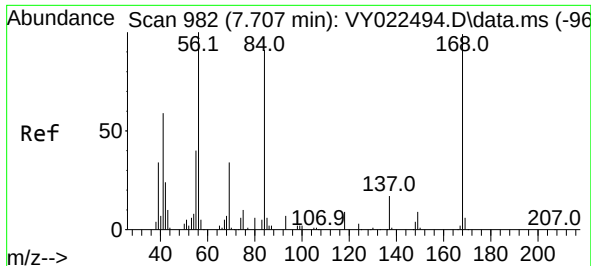
Tgt Ion: 83 Resp: 170878

Ion Ratio Lower Upper

83 100

85 65.9 54.2 81.4

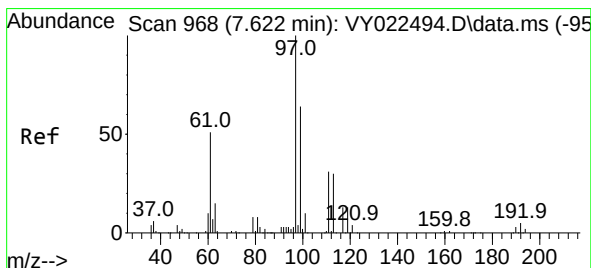
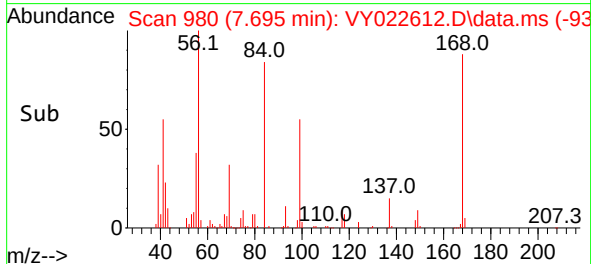
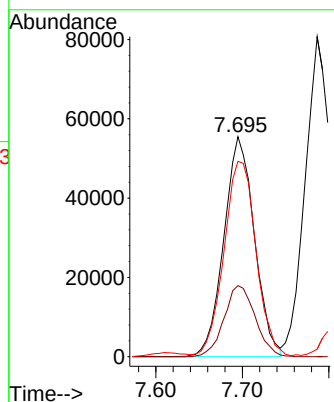
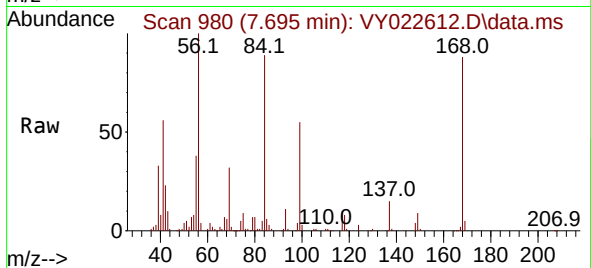




#31
Cyclohexane
Concen: 44.764 ug/l
RT: 7.695 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

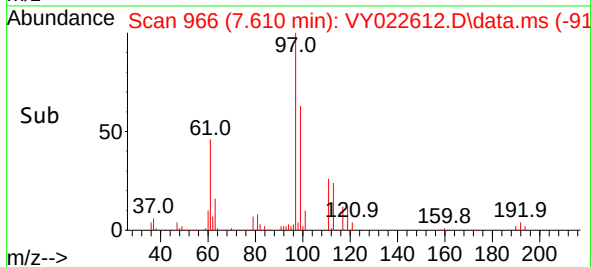
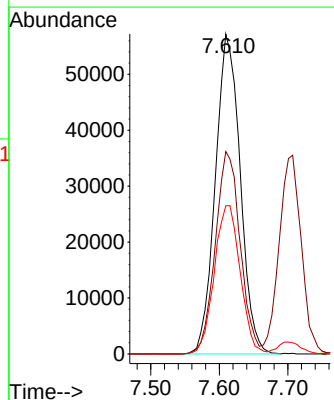
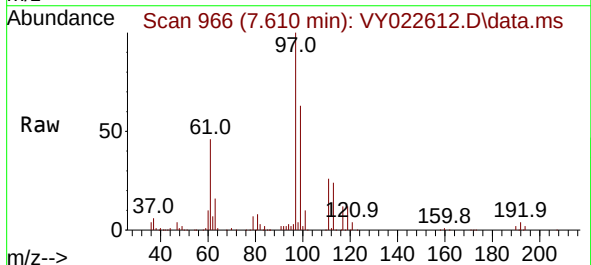
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

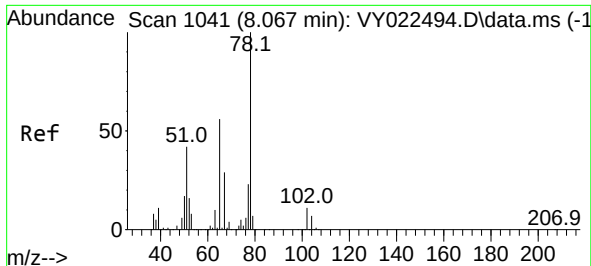
Tgt Ion: 56 Resp: 136011
Ion Ratio Lower Upper
56 100
69 32.3 27.0 40.6
84 87.4 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 53.694 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 97 Resp: 144087
Ion Ratio Lower Upper
97 100
99 63.2 50.9 76.3
61 48.3 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 56.618 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

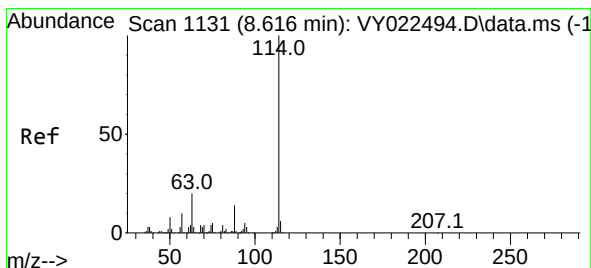
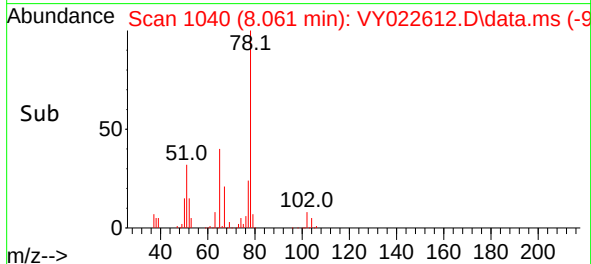
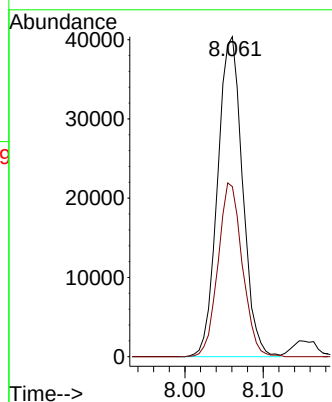
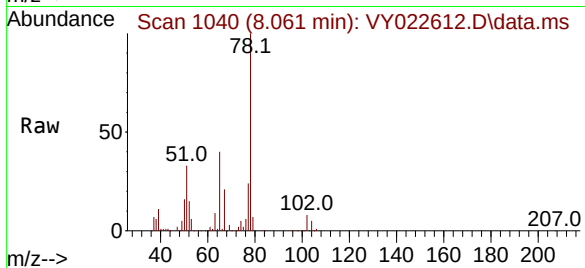
VSTDCCC050EC

Tgt Ion: 65 Resp: 89524

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

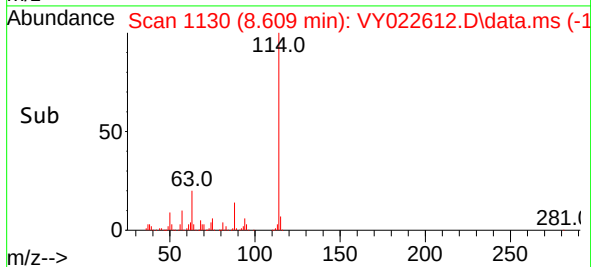
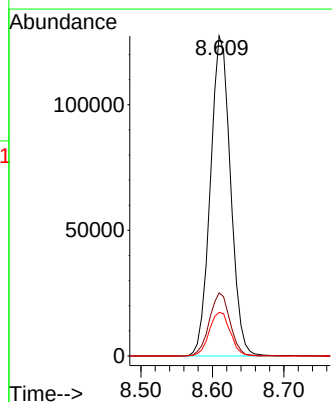
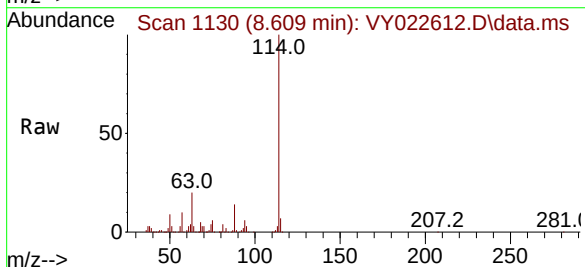
Tgt Ion: 114 Resp: 249252

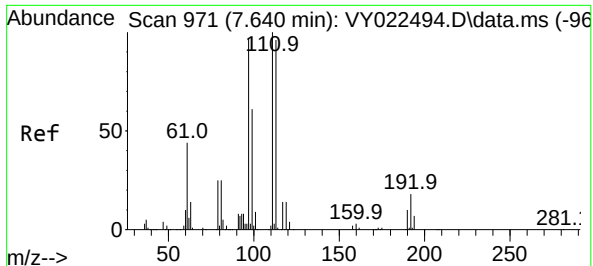
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 13.6 0.0 27.8

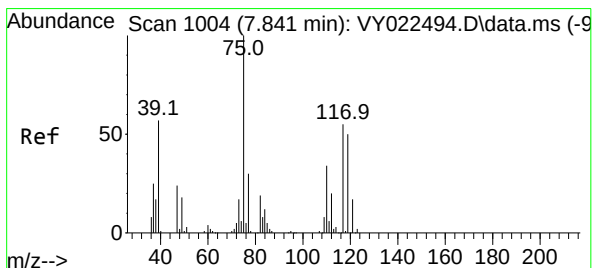
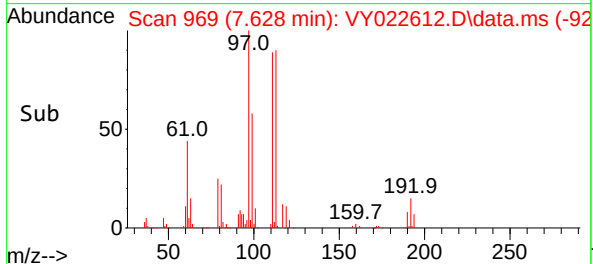
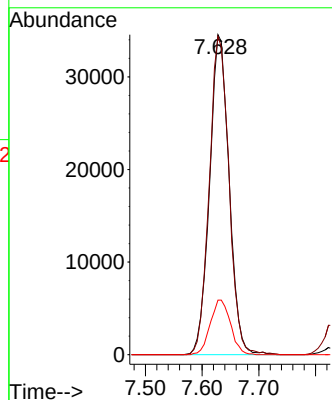
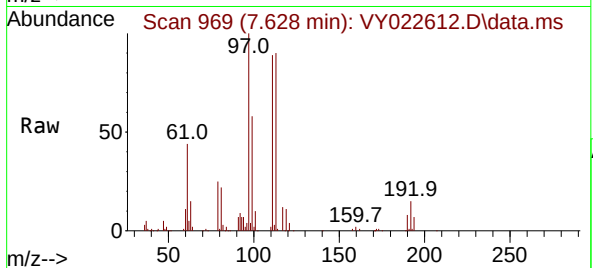




#35
Dibromofluoromethane
Concen: 55.584 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

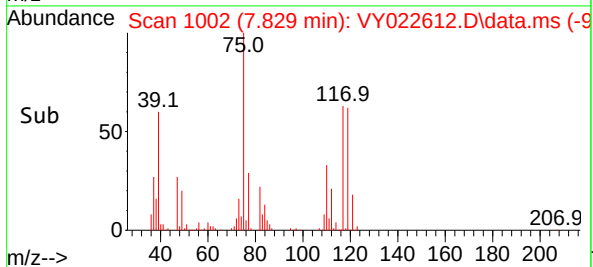
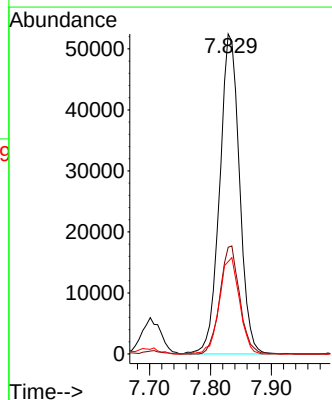
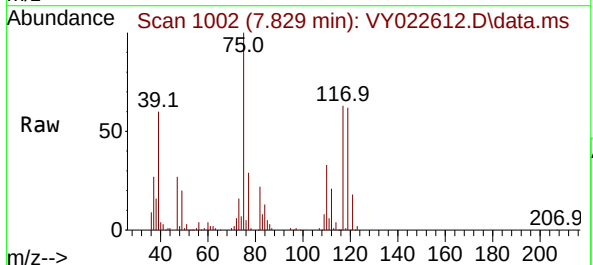
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

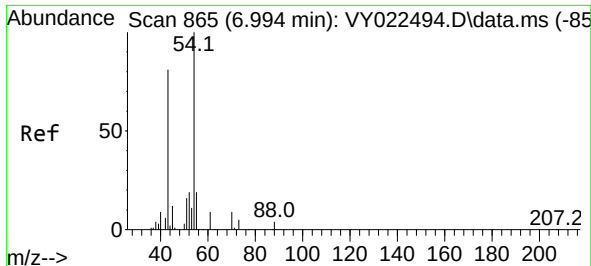
Tgt Ion:113 Resp: 82694
Ion Ratio Lower Upper
113 100
111 100.5 81.1 121.7
192 17.7 14.2 21.2



#36
1,1-Dichloropropene
Concen: 49.049 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.012 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 75 Resp: 118434
Ion Ratio Lower Upper
75 100
110 33.6 16.9 50.7
77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 53.683 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

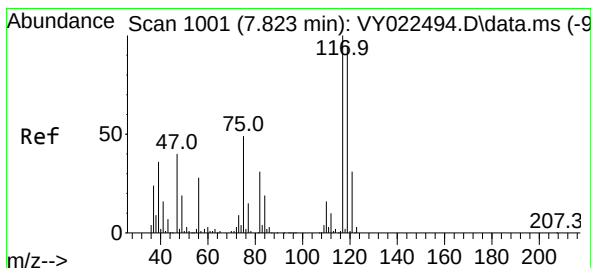
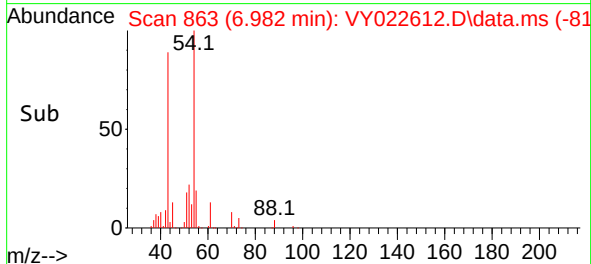
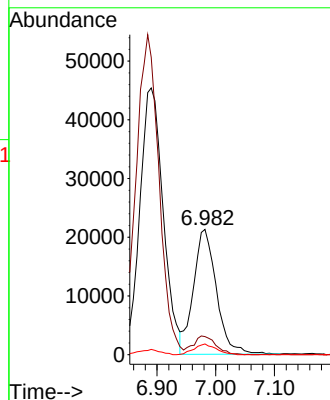
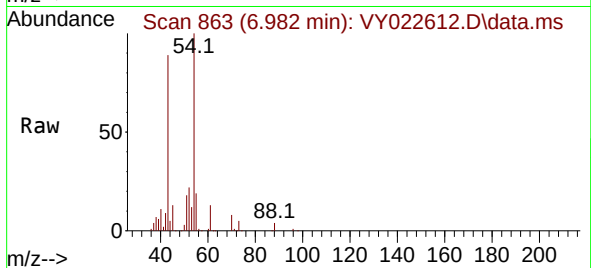
Tgt Ion: 43 Resp: 57805

Ion Ratio Lower Upper

43 100

61 14.8 11.5 17.3

70 8.2 7.2 10.8



#38

Carbon Tetrachloride

Concen: 49.851 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.012 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

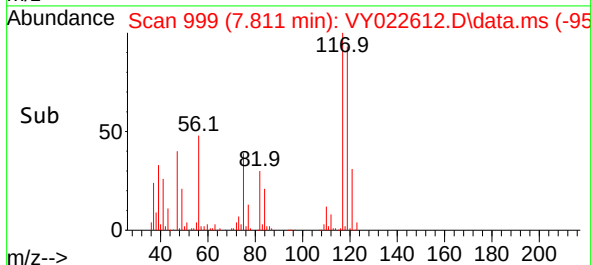
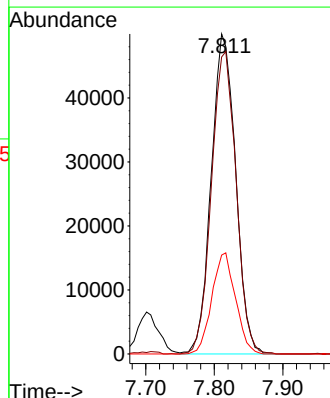
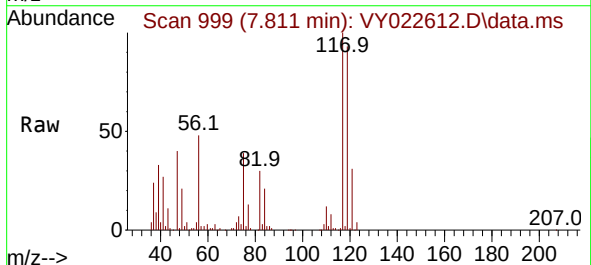
Tgt Ion: 117 Resp: 123483

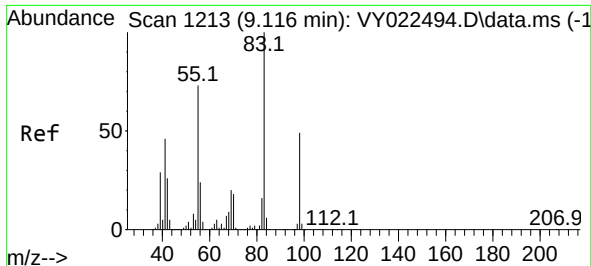
Ion Ratio Lower Upper

117 100

119 92.8 75.0 112.6

121 30.9 25.0 37.4

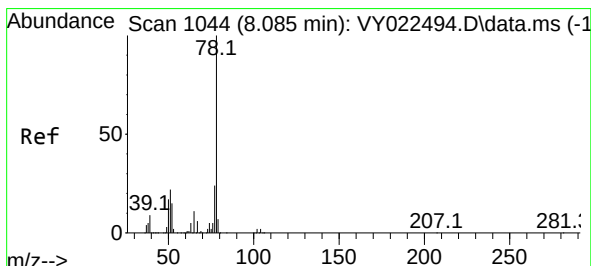
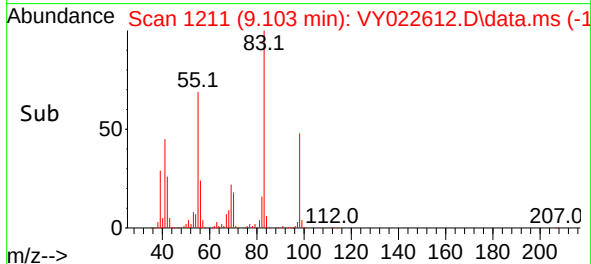
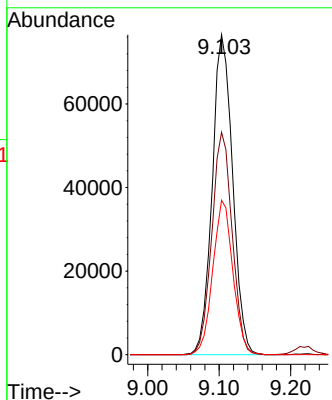
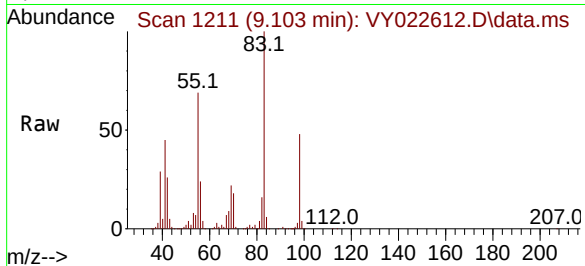




#39
Methylcyclohexane
Concen: 46.808 ug/l
RT: 9.103 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

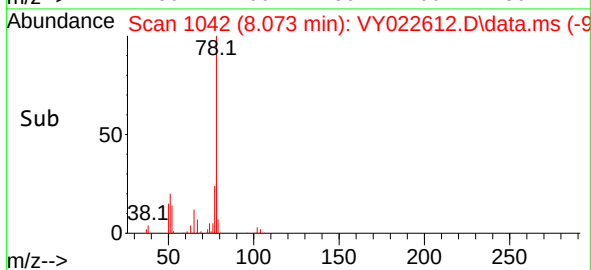
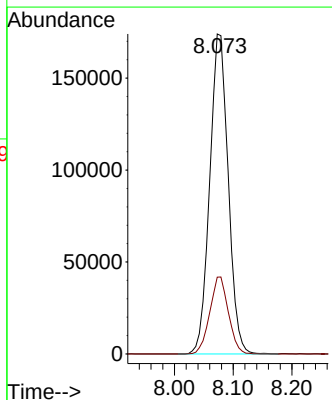
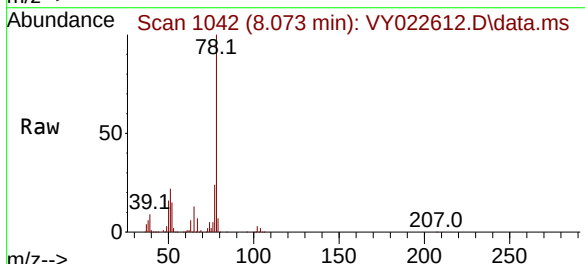
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

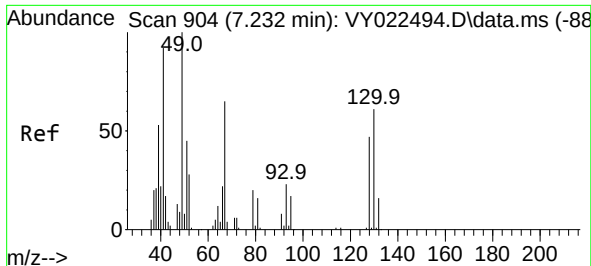
Tgt Ion: 83 Resp: 151885
Ion Ratio Lower Upper
83 100
55 69.5 58.1 87.1
98 48.3 39.0 58.6



#40
Benzene
Concen: 53.272 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.012 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 78 Resp: 379924
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9



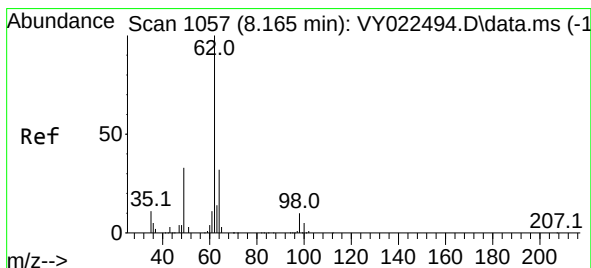
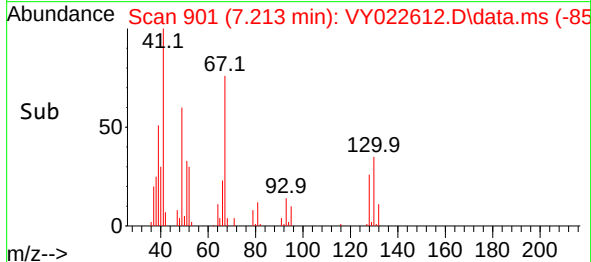
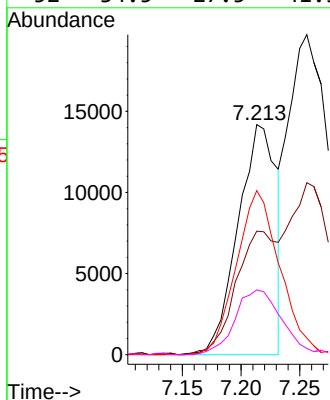
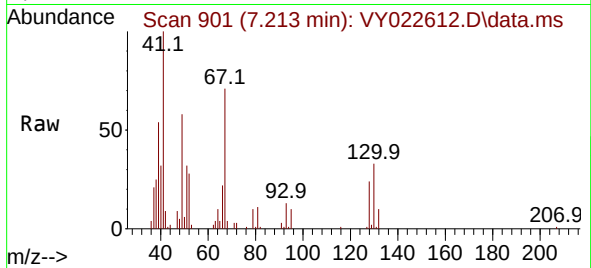


#41
Methacrylonitrile
Concen: 51.291 ug/l
RT: 7.213 min Scan# 904
Delta R.T. -0.019 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 32260

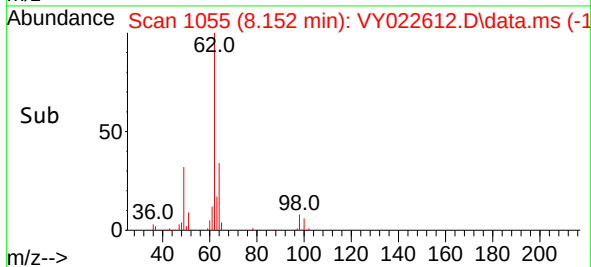
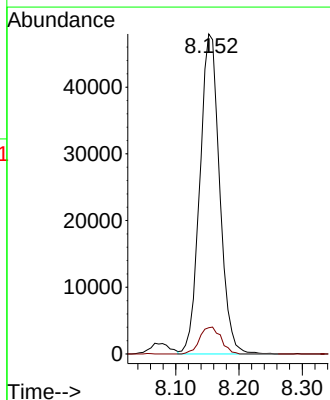
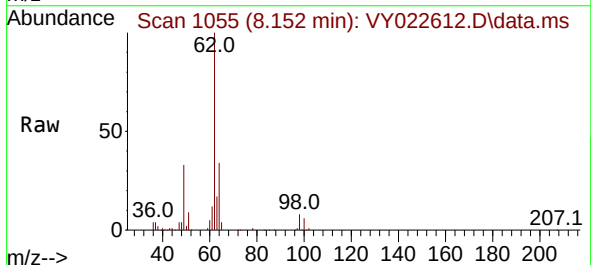
Ion	Ratio	Lower	Upper
41	100		
39	58.0	46.6	69.8
67	81.2	63.3	94.9
52	34.5	27.5	41.3

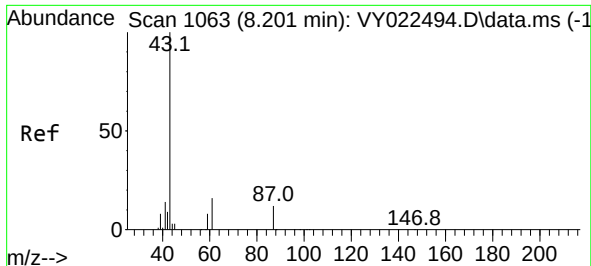


#42
1,2-Dichloroethane
Concen: 53.589 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 62 Resp: 104352

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.2

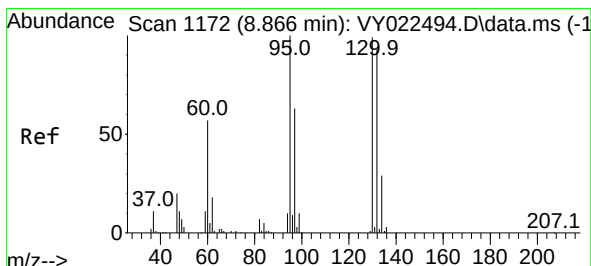
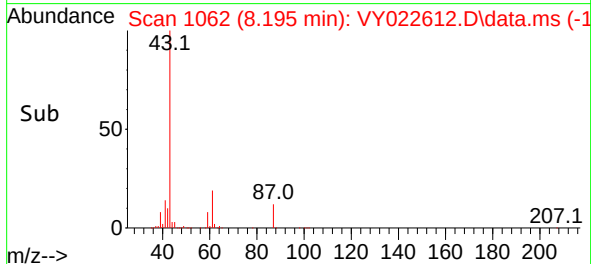
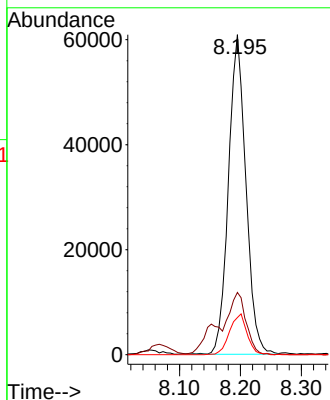
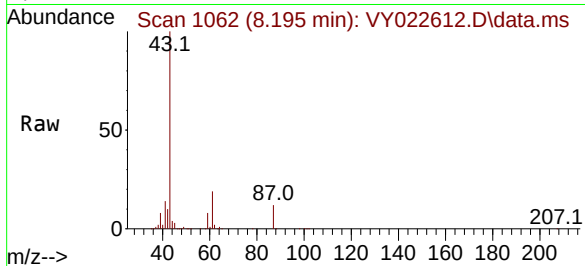




#43
Isopropyl Acetate
Concen: 51.969 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

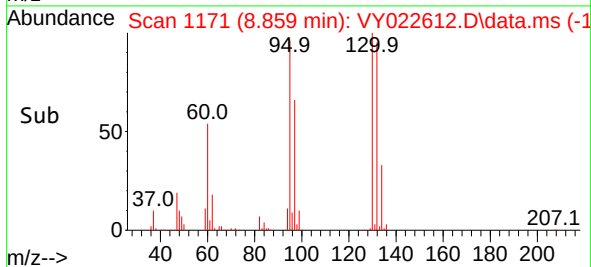
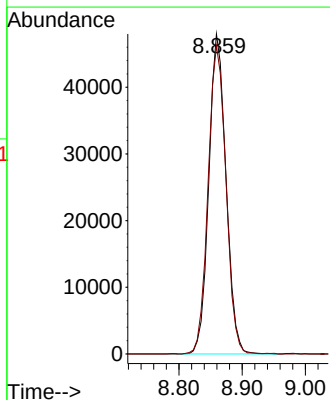
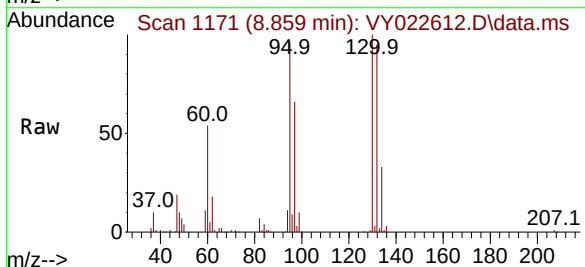
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

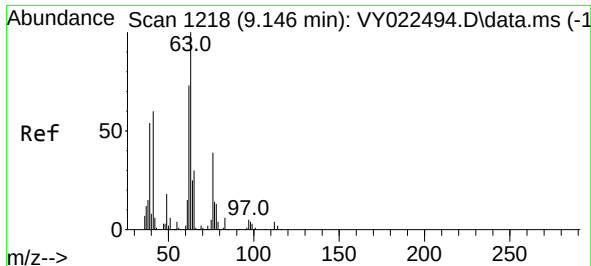
Tgt Ion: 43 Resp: 120857
Ion Ratio Lower Upper
43 100
61 19.3 15.6 23.4
87 12.8 10.2 15.4



#44
Trichloroethene
Concen: 51.989 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion:130 Resp: 90618
Ion Ratio Lower Upper
130 100
95 96.3 0.0 203.0





#45

1,2-Dichloropropane

Concen: 53.163 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

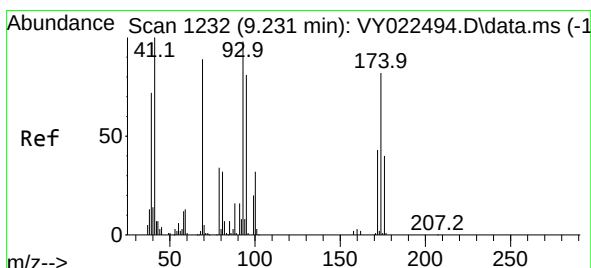
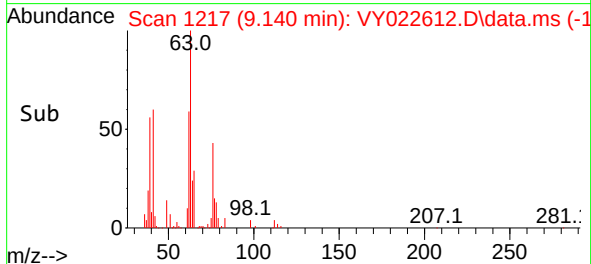
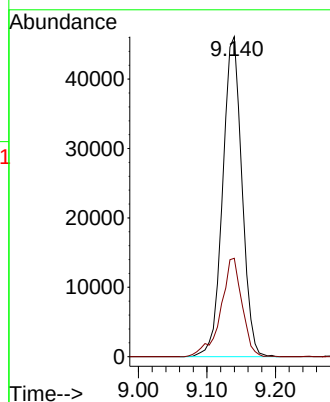
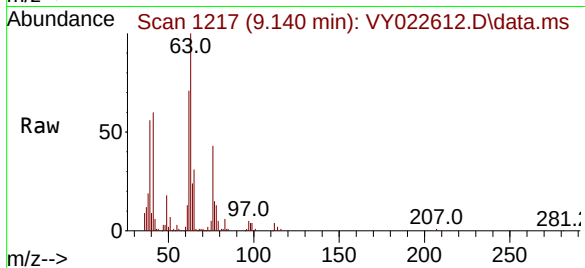
VSTDCCC050EC

Tgt Ion: 63 Resp: 89605

Ion Ratio Lower Upper

63 100

65 30.8 24.0 36.0



#46

Dibromomethane

Concen: 55.195 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

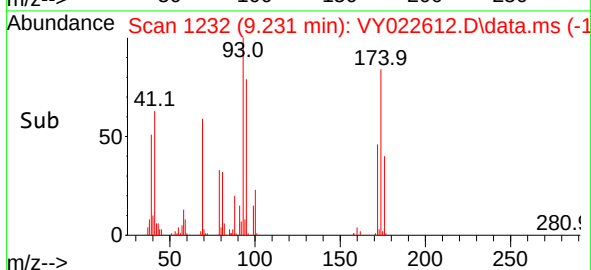
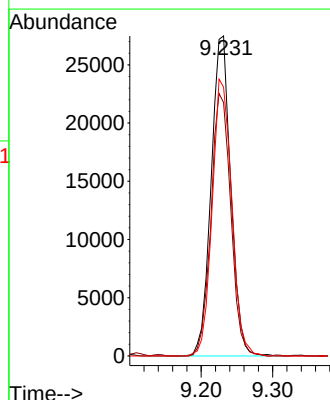
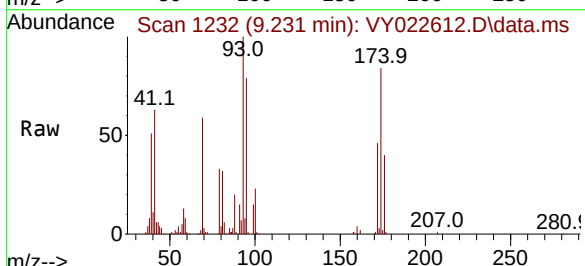
Tgt Ion: 93 Resp: 52337

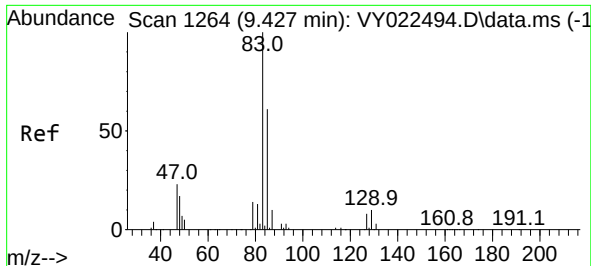
Ion Ratio Lower Upper

93 100

95 82.9 65.6 98.4

174 86.4 70.4 105.6

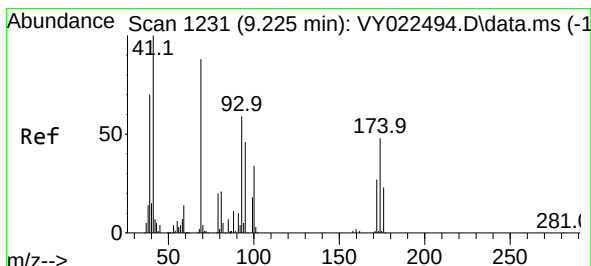
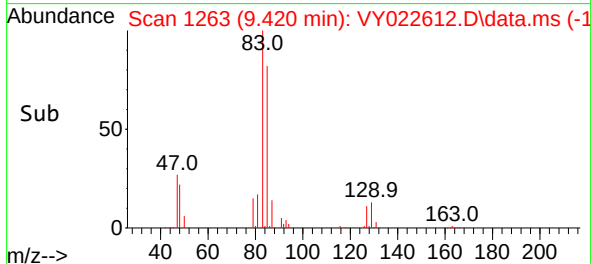
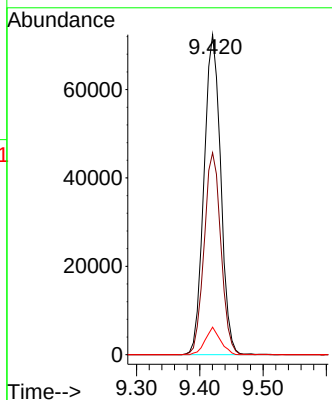
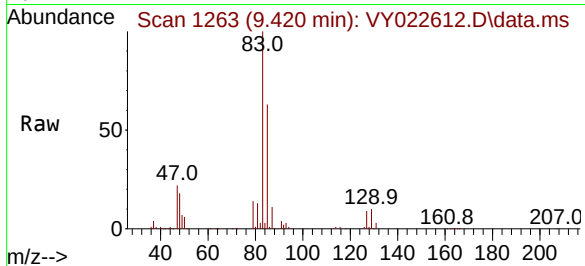




#47
Bromodichloromethane
Concen: 55.336 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

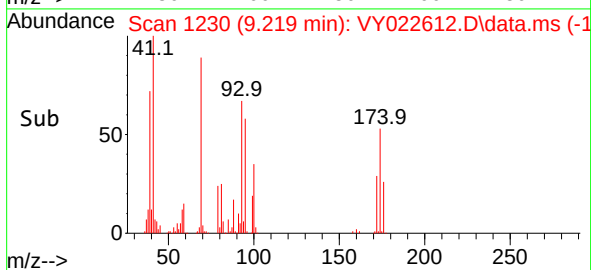
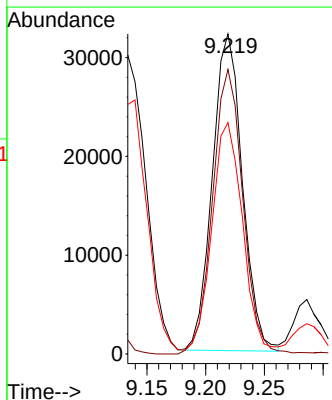
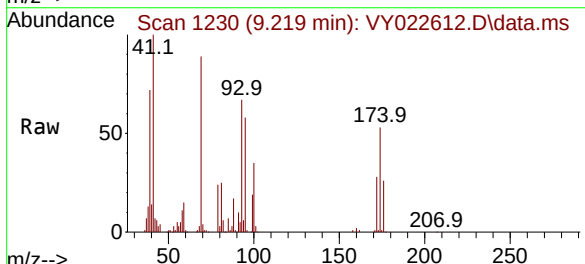
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

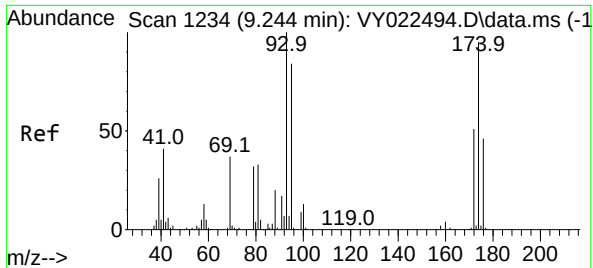
Tgt Ion: 83 Resp: 133048
Ion Ratio Lower Upper
83 100
85 63.1 49.1 73.7
127 8.6 6.2 9.4



#48
Methyl methacrylate
Concen: 52.264 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 41 Resp: 57044
Ion Ratio Lower Upper
41 100
69 90.5 67.8 101.8
39 73.0 55.0 82.4

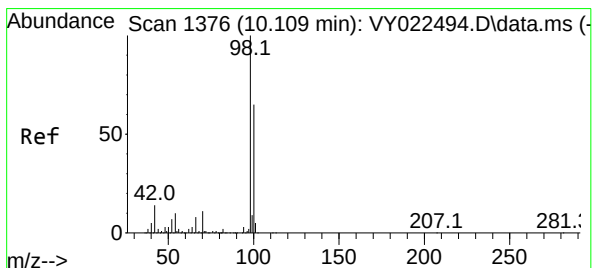
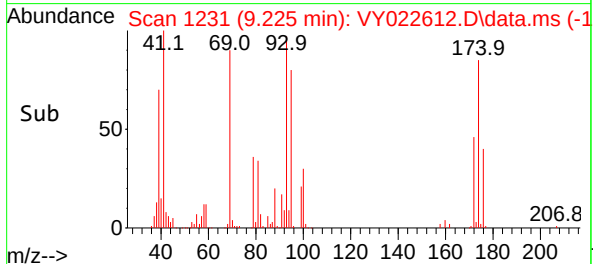
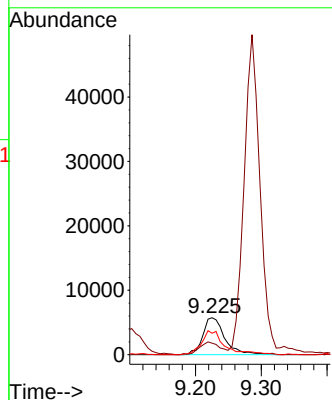
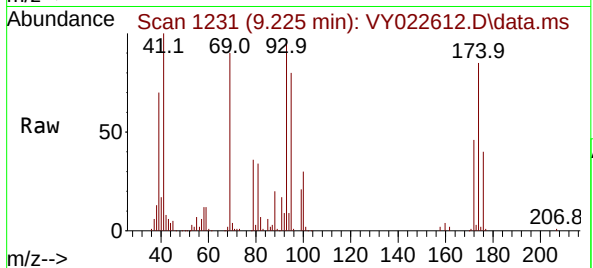




#49
1,4-Dioxane
Concen: 1190.802 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

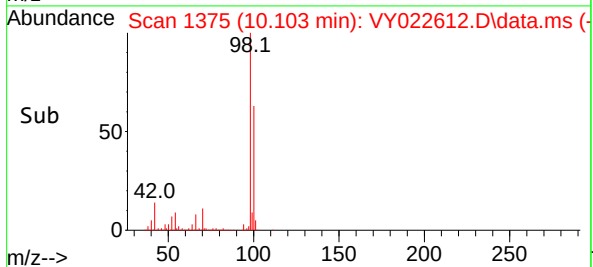
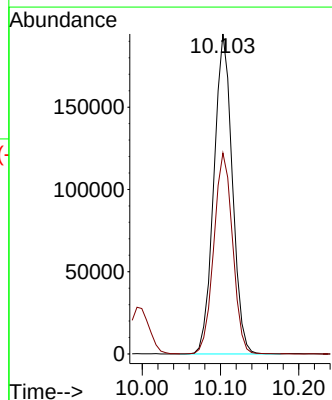
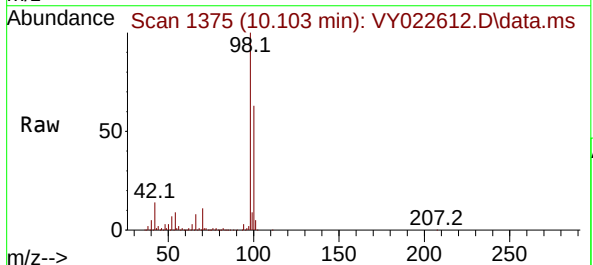
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

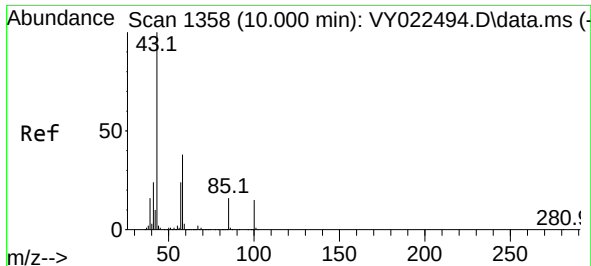
Tgt Ion: 88 Resp: 13377
Ion Ratio Lower Upper
88 100
43 32.7 25.4 38.2
58 68.6 54.9 82.3



#50
Toluene-d8
Concen: 52.956 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 98 Resp: 318338
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0

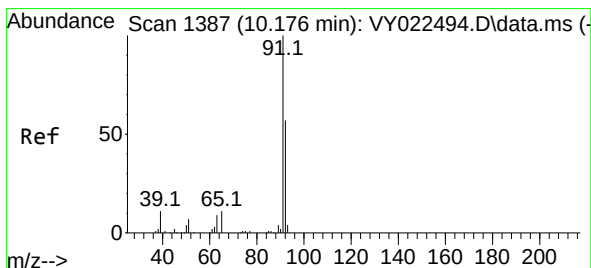
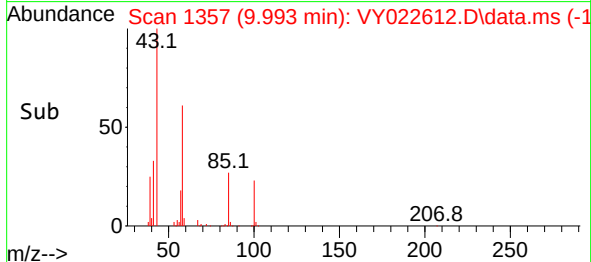
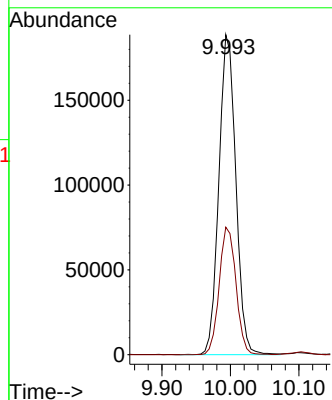
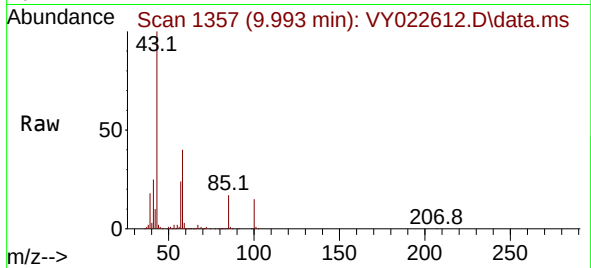




#51
4-Methyl-2-Pentanone
Concen: 278.634 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

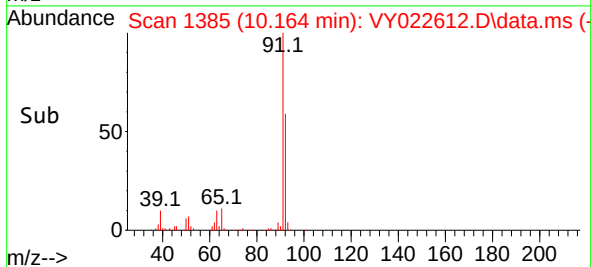
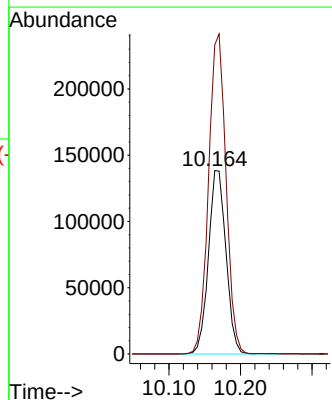
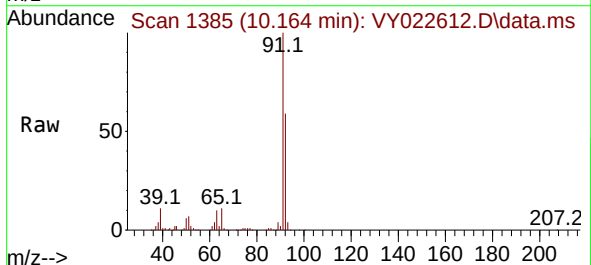
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

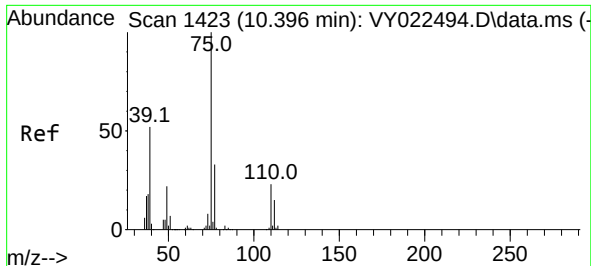
Tgt Ion: 43 Resp: 323065
Ion Ratio Lower Upper
43 100
58 39.5 30.4 45.6



#52
Toluene
Concen: 52.512 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.012 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 92 Resp: 235347
Ion Ratio Lower Upper
92 100
91 173.8 139.0 208.4

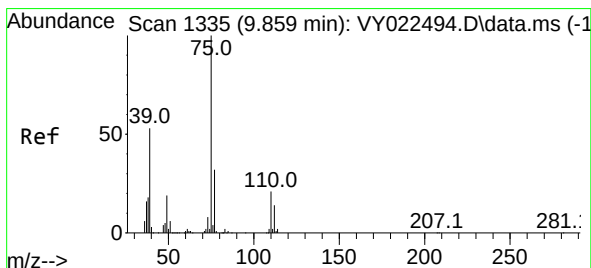
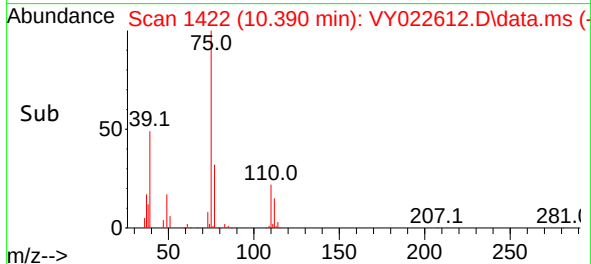
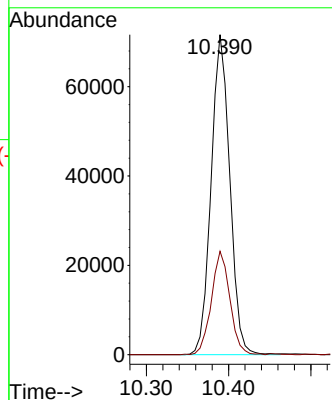
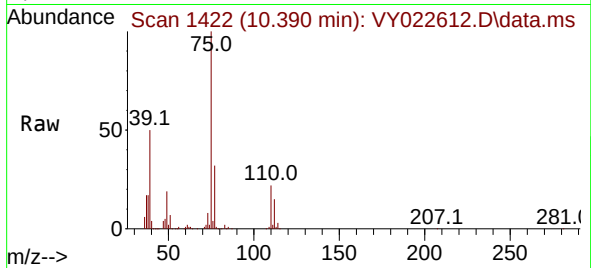




#53
t-1,3-Dichloropropene
Concen: 50.212 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

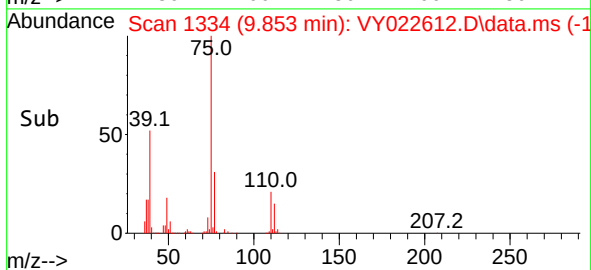
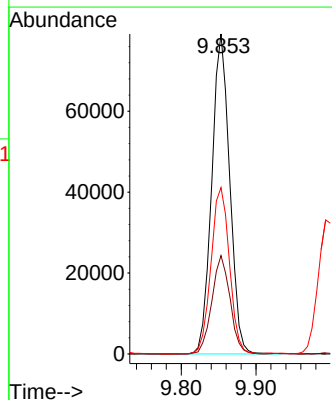
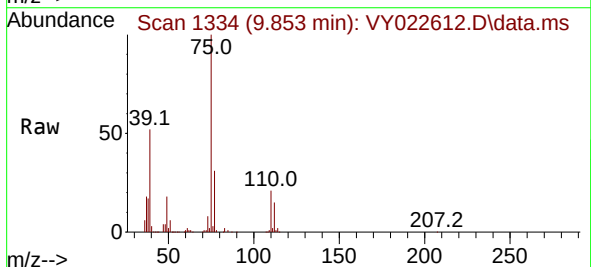
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

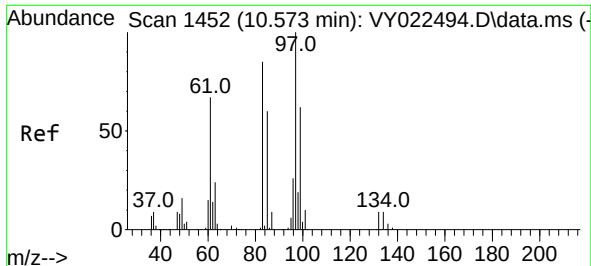
Tgt Ion: 75 Resp: 113117
Ion Ratio Lower Upper
75 100
77 32.3 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 50.237 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 75 Resp: 131741
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9
39 51.9 42.7 64.1

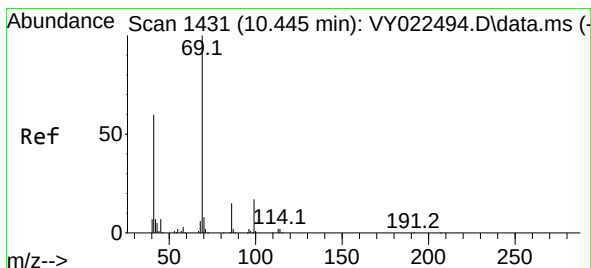
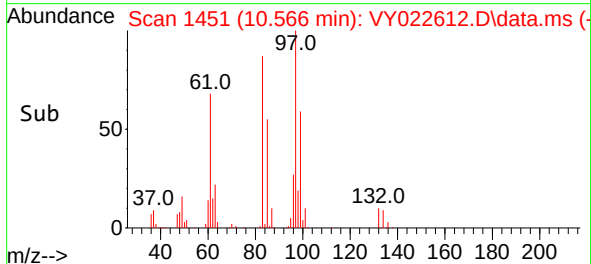
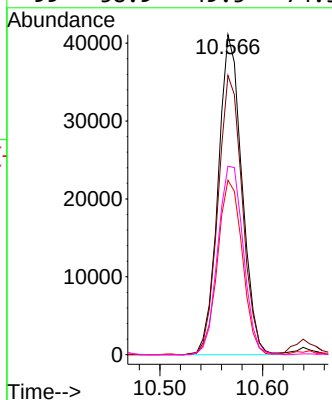
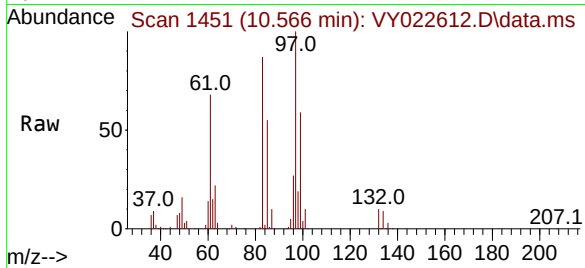




#55
1,1,2-Trichloroethane
Concen: 54.587 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

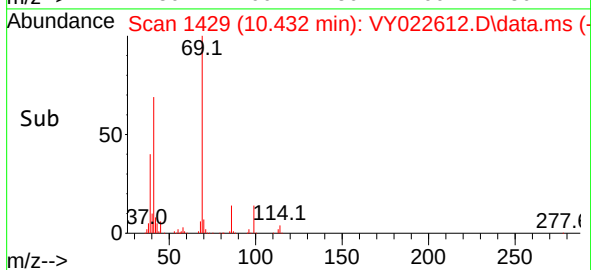
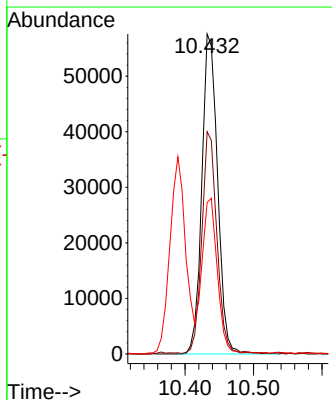
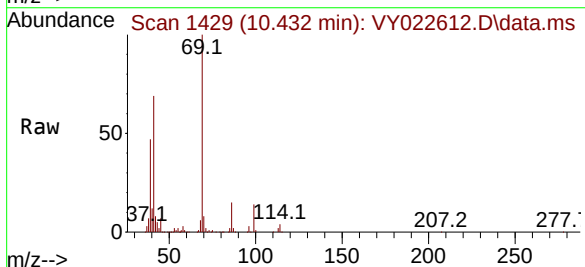
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

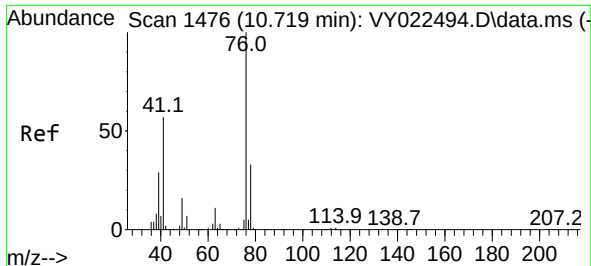
Tgt Ion: 97	Resp: 66001
Ion Ratio	Lower Upper
97 100	
83 87.2	68.1 102.1
85 54.5	48.2 72.2
99 58.9	49.5 74.3



#56
Ethyl methacrylate
Concen: 52.788 ug/l
RT: 10.432 min Scan# 1429
Delta R.T. -0.012 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 69	Resp: 92250
Ion Ratio	Lower Upper
69 100	
41 66.0	52.2 78.2
39 47.0	36.7 55.1





#57

1,3-Dichloropropane

Concen: 53.708 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

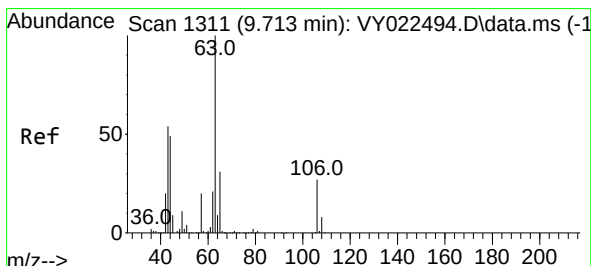
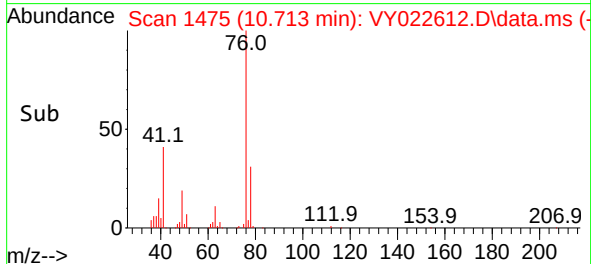
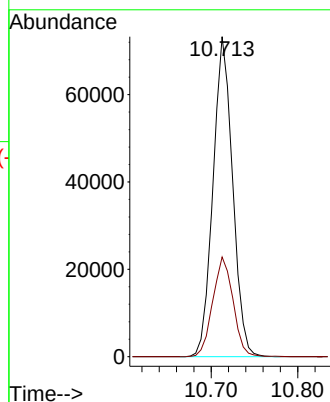
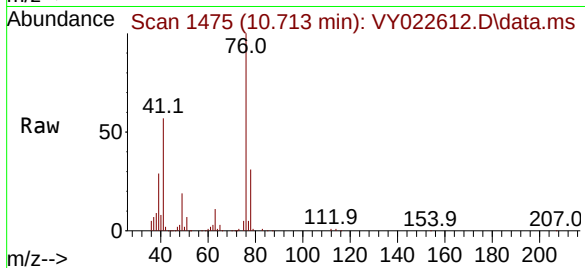
VSTDCCC050EC

Tgt Ion: 76 Resp: 115098

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 285.010 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022612.D

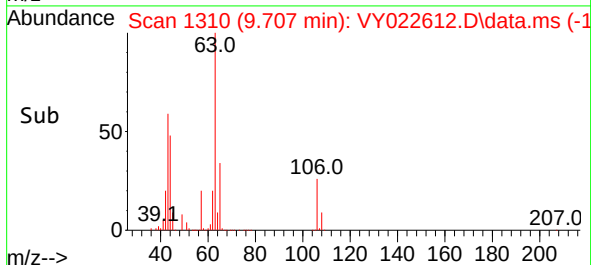
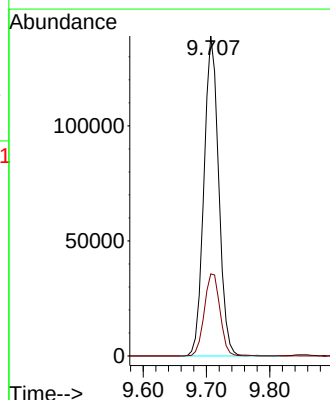
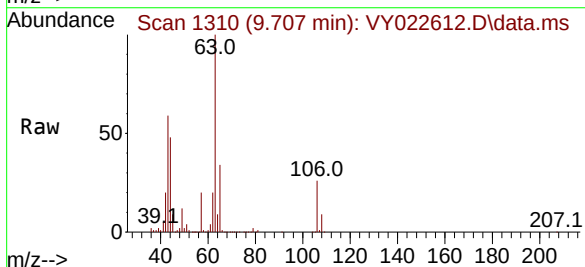
Acq: 06 Jun 2025 20:20

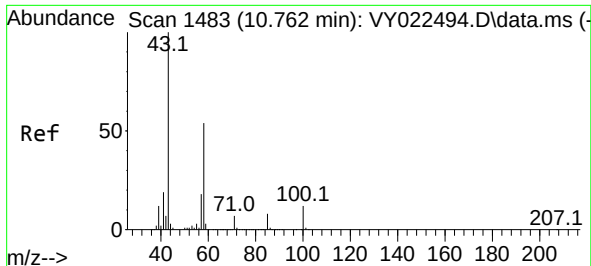
Tgt Ion: 63 Resp: 226134

Ion Ratio Lower Upper

63 100

106 27.2 21.6 32.4





#59

2-Hexanone

Concen: 275.949 ug/l

RT: 10.755 min Scan# 1482

Delta R.T. -0.006 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

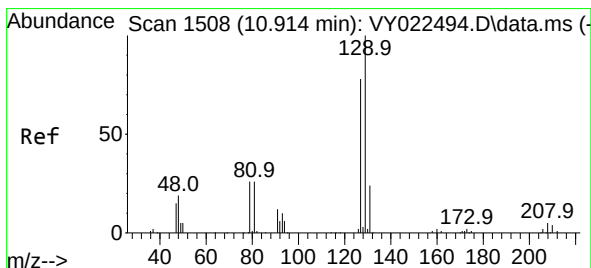
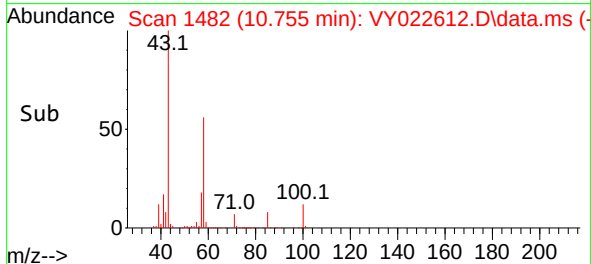
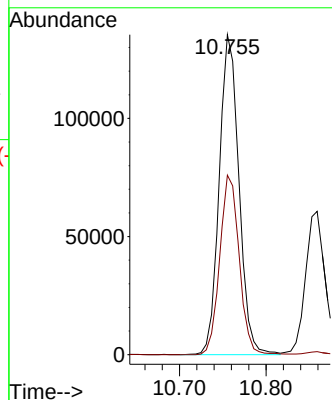
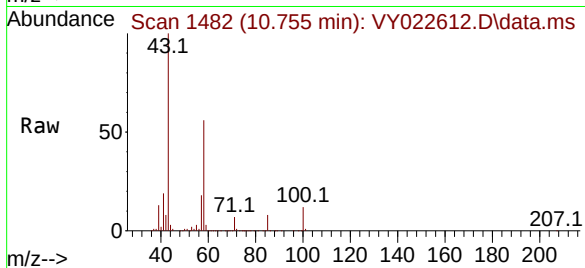
VSTDCCC050EC

Tgt Ion: 43 Resp: 213981

Ion Ratio Lower Upper

43 100

58 55.4 27.3 81.8



#60

Dibromochloromethane

Concen: 54.252 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY022612.D

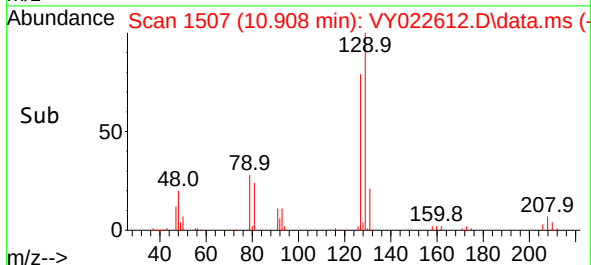
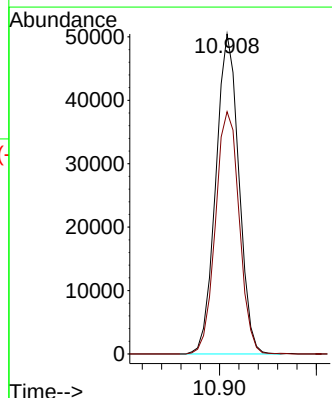
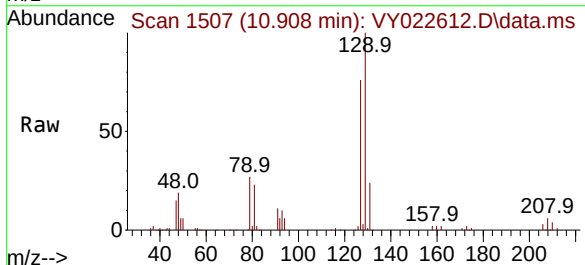
Acq: 06 Jun 2025 20:20

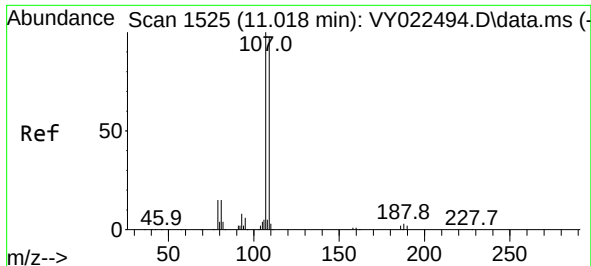
Tgt Ion:129 Resp: 83361

Ion Ratio Lower Upper

129 100

127 78.0 39.1 117.2

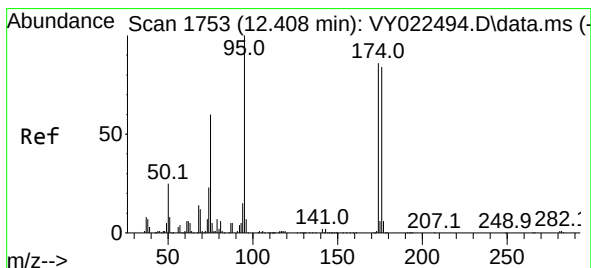
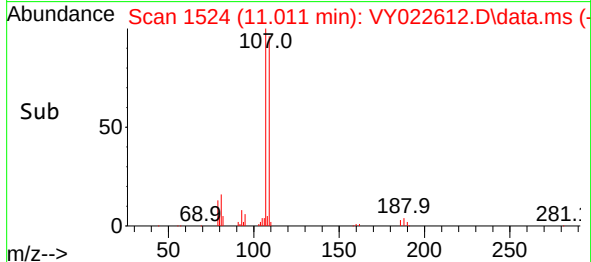
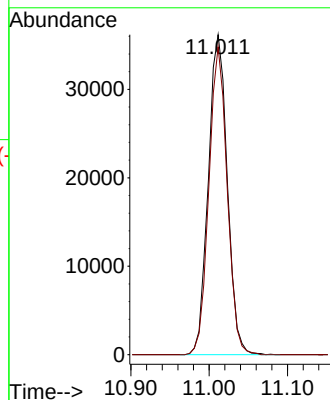
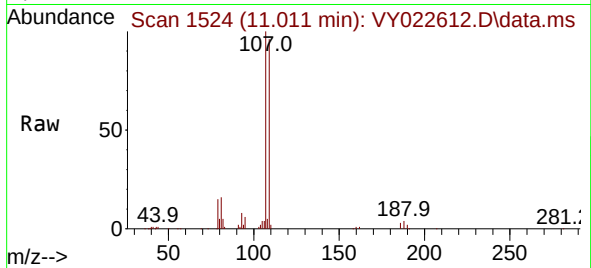




#61
1,2-Dibromoethane
Concen: 55.307 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

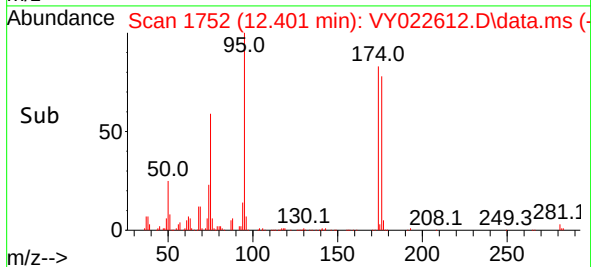
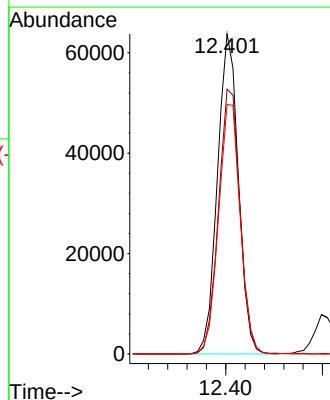
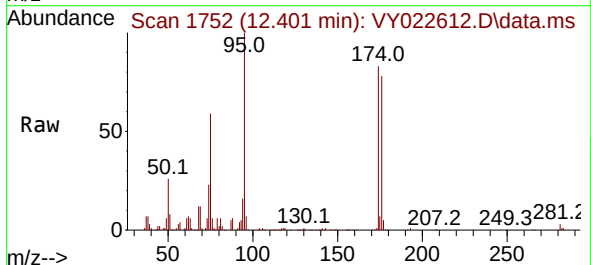
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

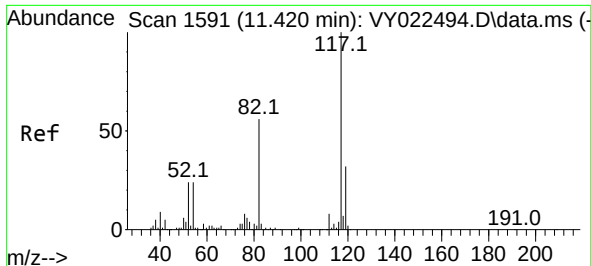
Tgt Ion:107 Resp: 60950
Ion Ratio Lower Upper
107 100
109 92.6 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 53.367 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 95 Resp: 95585
Ion Ratio Lower Upper
95 100
174 85.1 0.0 170.0
176 80.9 0.0 166.2

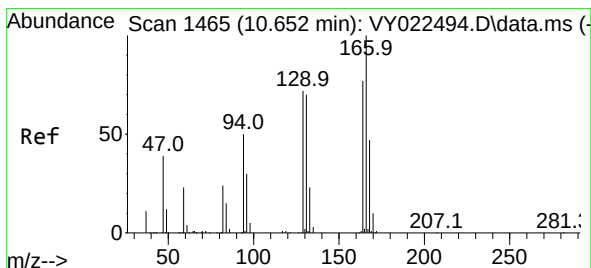
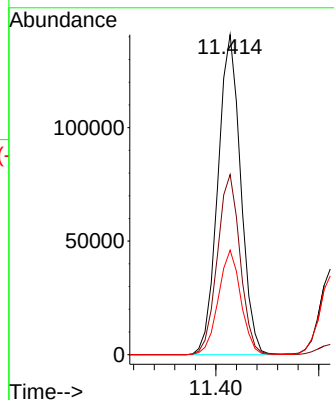
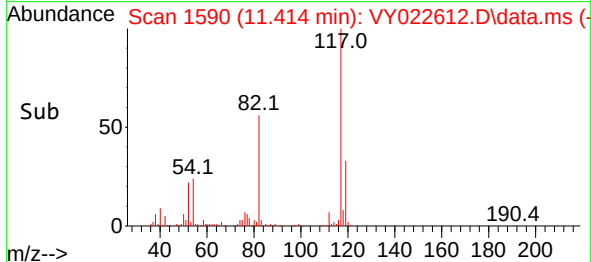
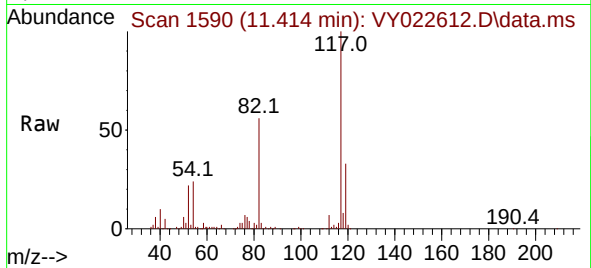




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

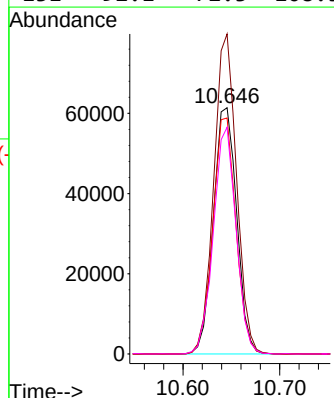
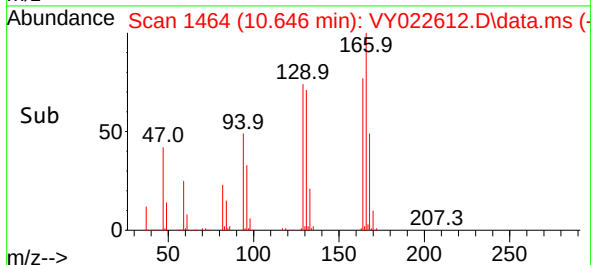
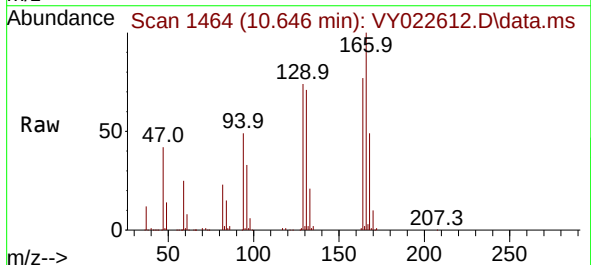
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

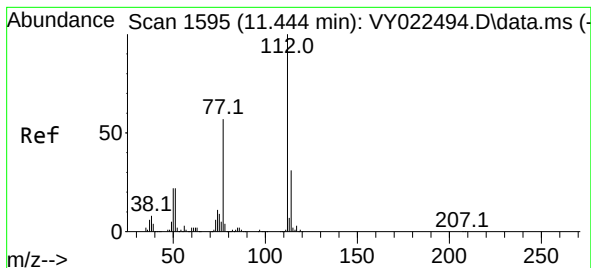
Tgt Ion:117 Resp: 216790
Ion Ratio Lower Upper
117 100
82 56.3 44.6 66.8
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 55.338 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion:164 Resp: 103198
Ion Ratio Lower Upper
164 100
166 129.9 104.0 156.0
129 95.8 74.5 111.7
131 92.1 72.3 108.5





#65

Chlorobenzene

Concen: 51.741 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

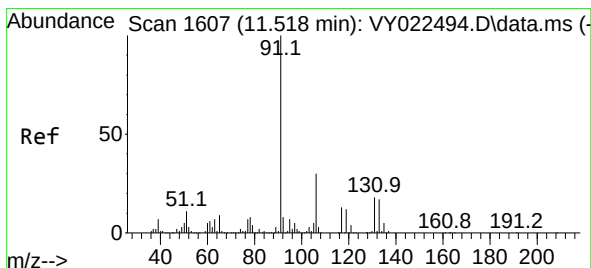
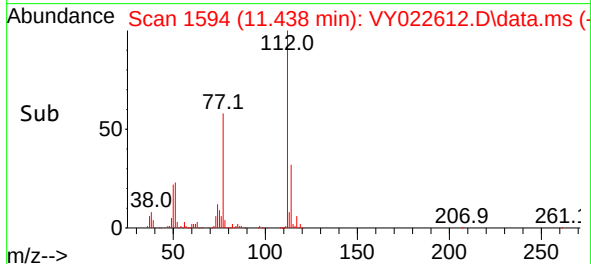
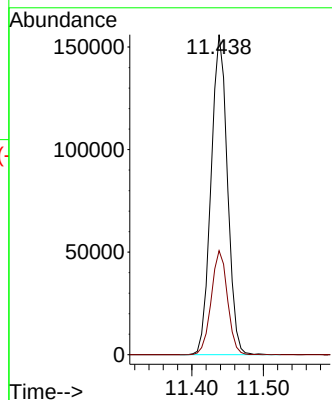
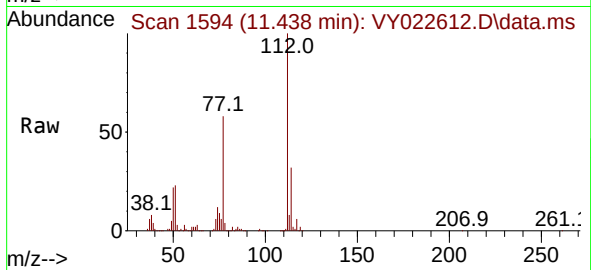
VSTDCCC050EC

Tgt Ion:112 Resp: 248218

Ion Ratio Lower Upper

112 100

114 32.5 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.249 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

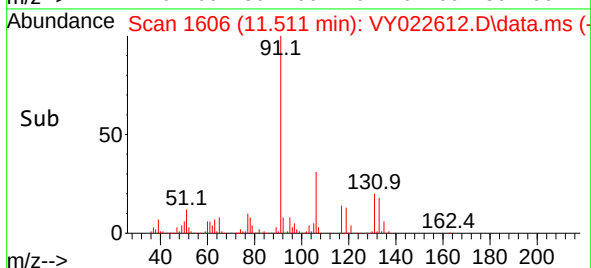
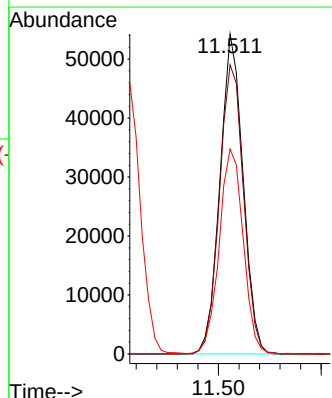
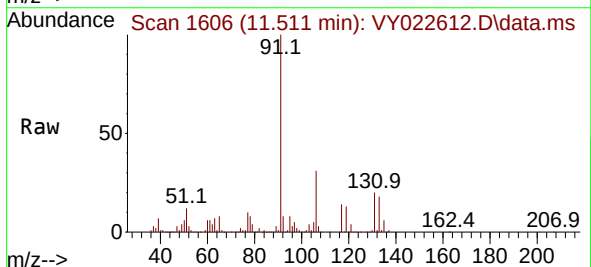
Tgt Ion:131 Resp: 84438

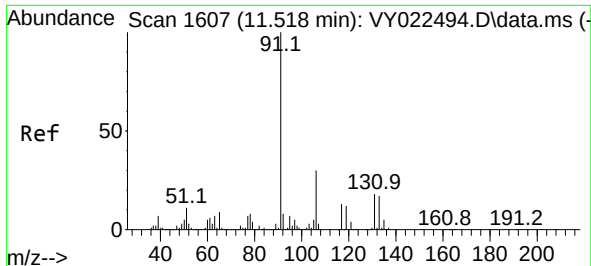
Ion Ratio Lower Upper

131 100

133 94.3 47.3 141.8

119 66.9 33.1 99.3





#67

Ethyl Benzene

Concen: 50.824 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

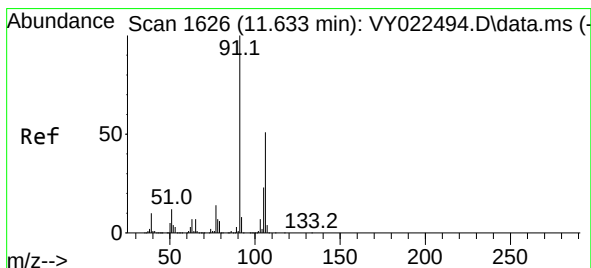
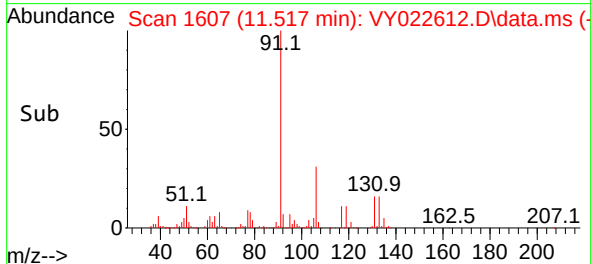
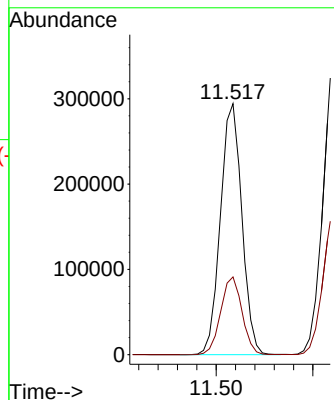
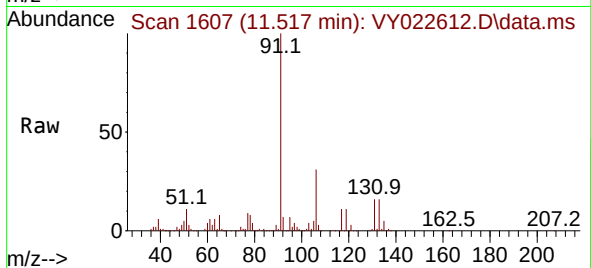
VSTDCCC050EC

Tgt Ion: 91 Resp: 452228

Ion Ratio Lower Upper

91 100

106 31.0 24.2 36.4



#68

m/p-Xylenes

Concen: 101.928 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022612.D

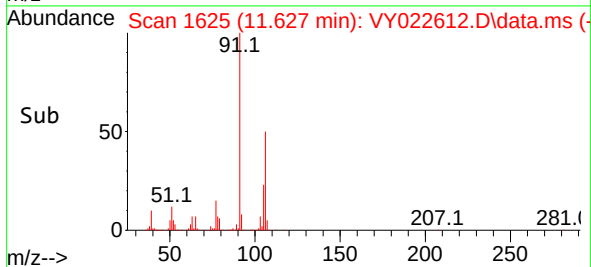
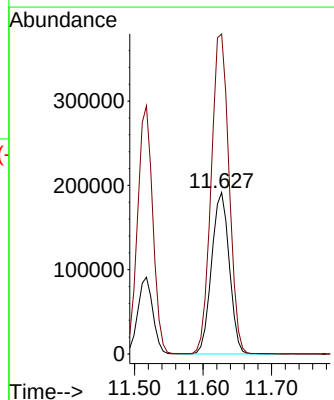
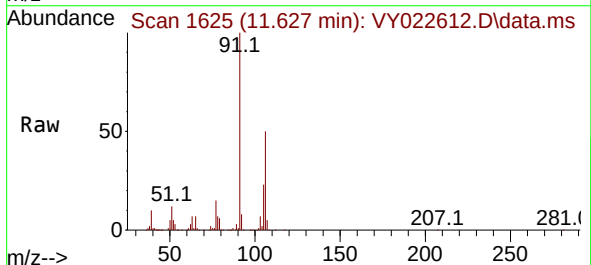
Acq: 06 Jun 2025 20:20

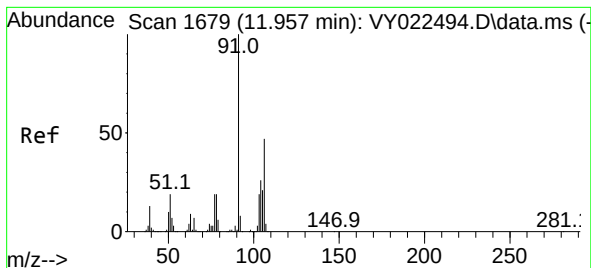
Tgt Ion:106 Resp: 343816

Ion Ratio Lower Upper

106 100

91 200.4 159.4 239.0

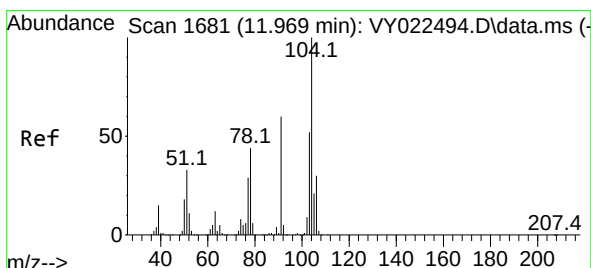
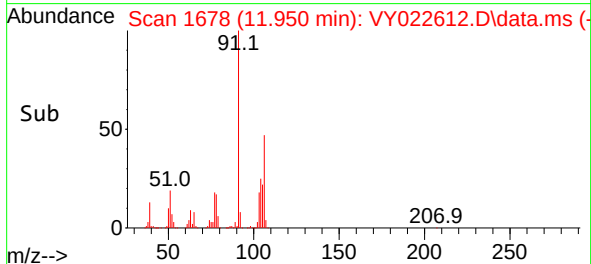
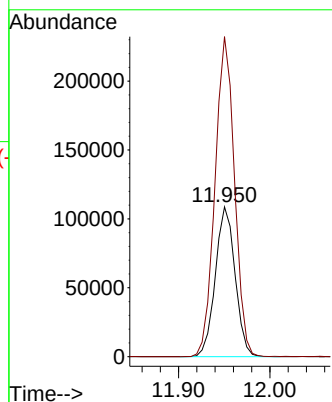
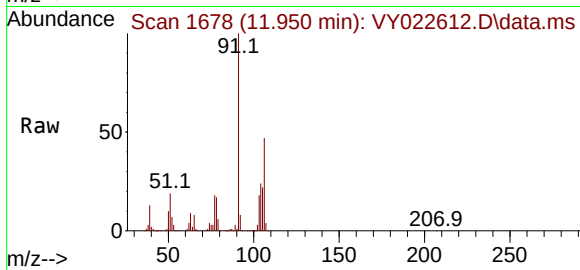




#69
o-Xylene
Concen: 51.535 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

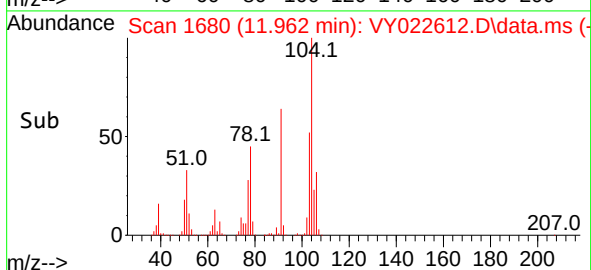
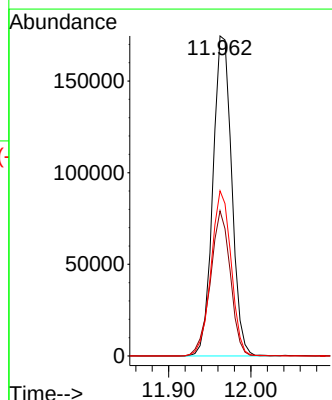
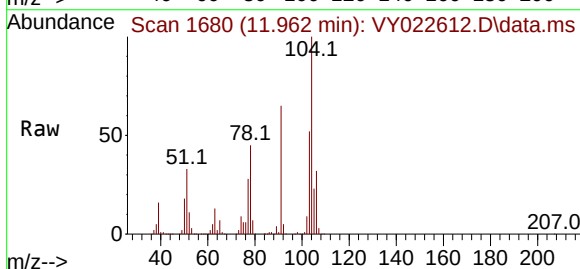
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

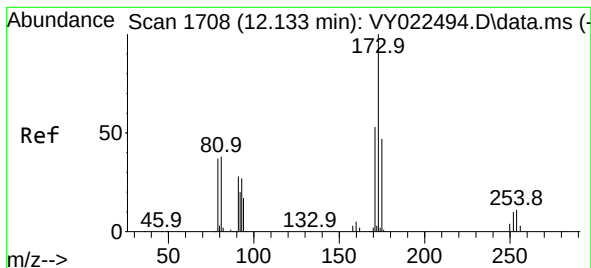
Tgt Ion:106 Resp: 162980
Ion Ratio Lower Upper
106 100
91 211.2 105.8 317.3



#70
Styrene
Concen: 53.004 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion:104 Resp: 277085
Ion Ratio Lower Upper
104 100
78 48.0 39.5 59.3
103 55.0 44.1 66.1





#71

Bromoform

Concen: 53.397 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

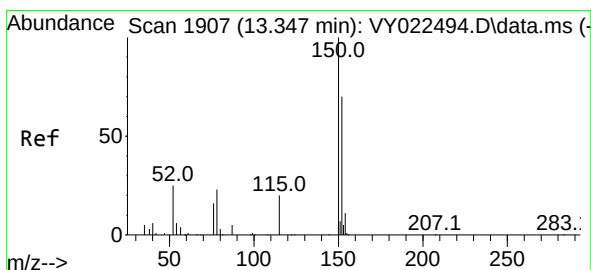
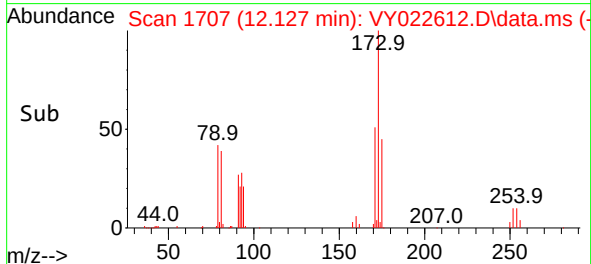
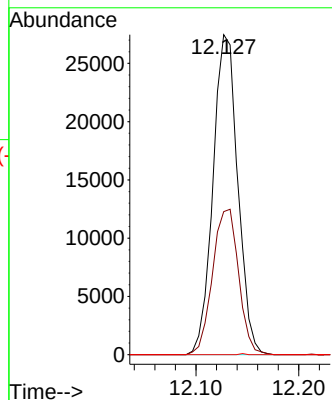
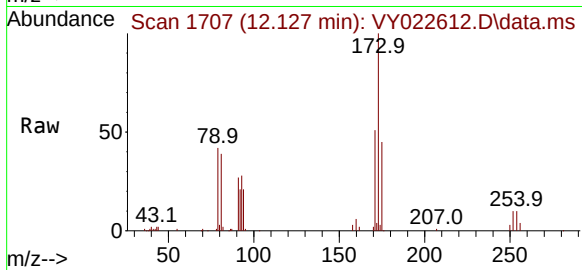
Tgt Ion:173 Resp: 45921

Ion Ratio Lower Upper

173 100

175 47.8 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: VY022612.D

Acq: 06 Jun 2025 20:20

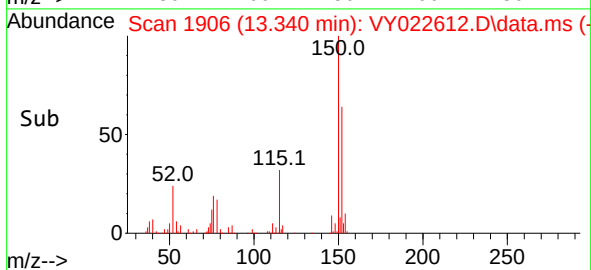
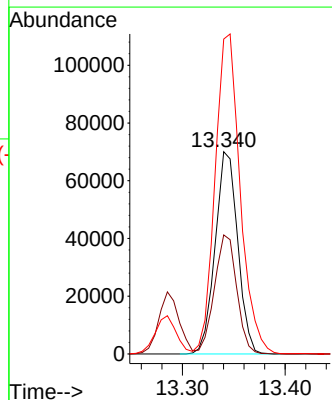
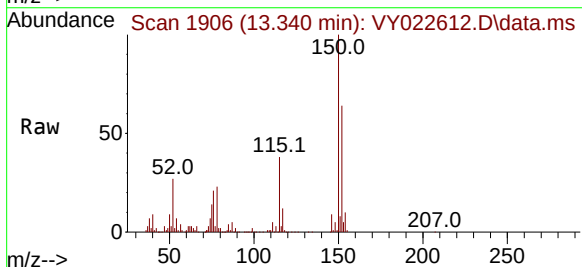
Tgt Ion:152 Resp: 106638

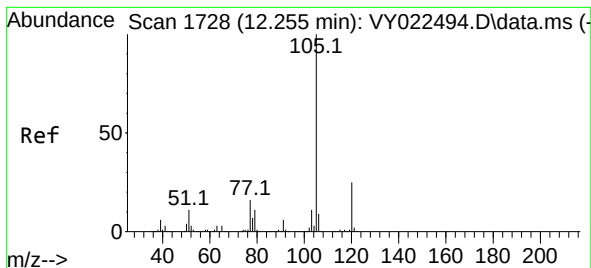
Ion Ratio Lower Upper

152 100

115 58.5 28.9 86.7

150 176.0 0.0 349.6





#73

Isopropylbenzene

Concen: 47.737 ug/l

RT: 12.249 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

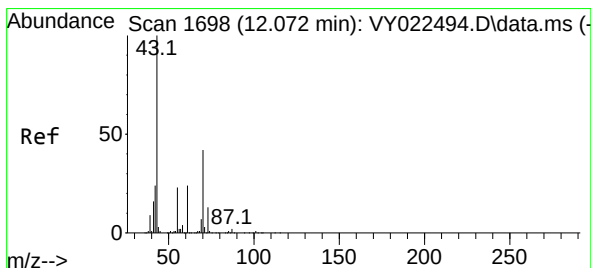
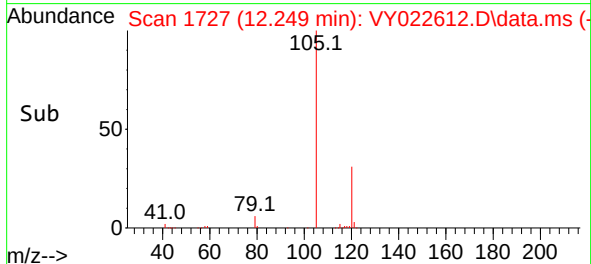
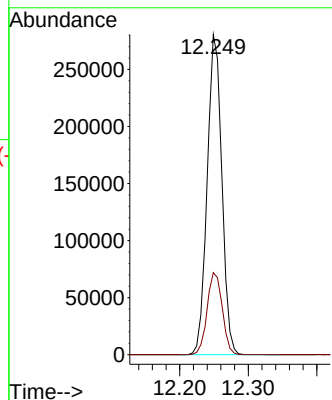
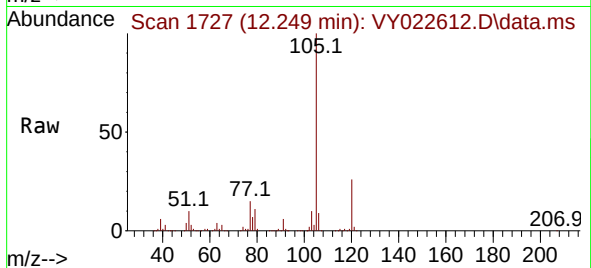
VSTDCCC050EC

Tgt Ion:105 Resp: 417937

Ion Ratio Lower Upper

105 100

120 26.4 13.0 38.9



#74

N-ethyl acetate

Concen: 48.835 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

Tgt Ion: 43 Resp: 107880

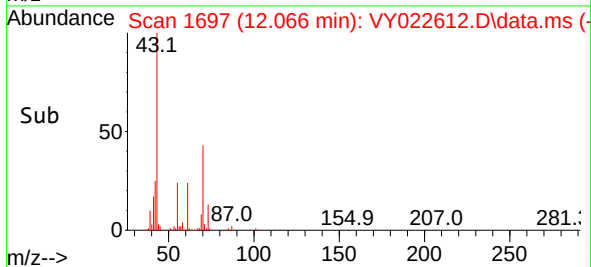
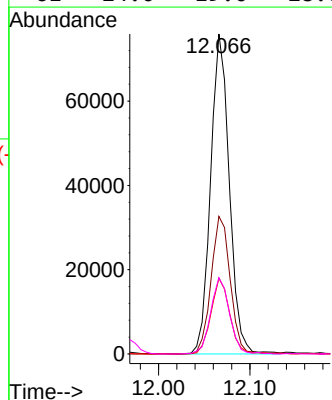
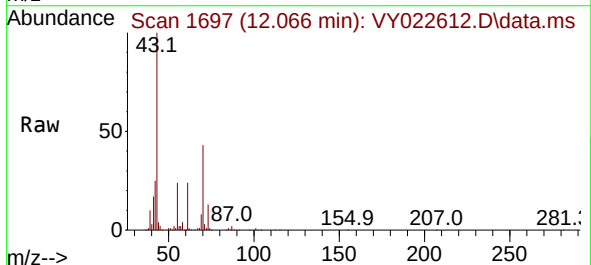
Ion Ratio Lower Upper

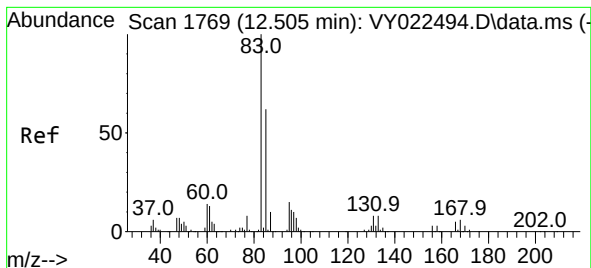
43 100

70 43.9 34.2 51.2

55 23.9 18.2 27.4

61 24.0 19.0 28.6





#75

1,1,2-Tetrachloroethane

Concen: 49.544 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

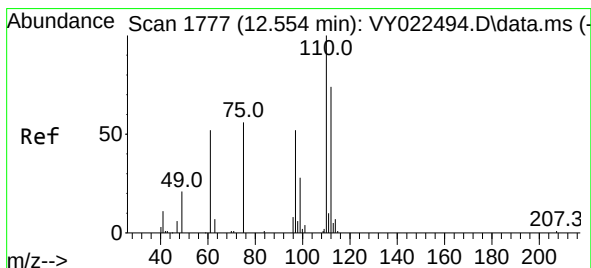
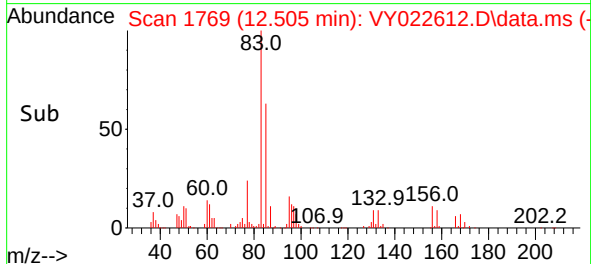
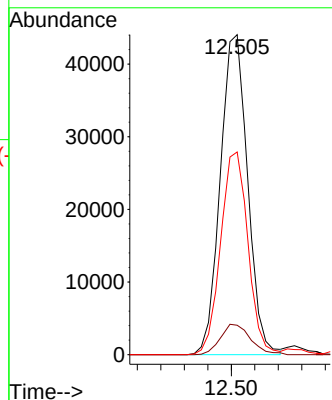
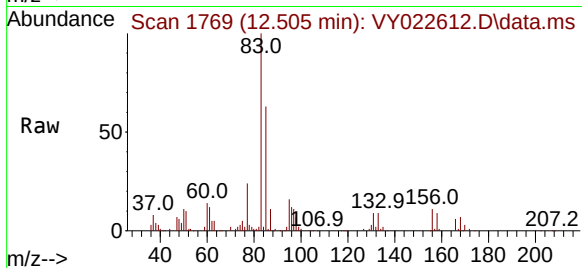
Tgt Ion: 83 Resp: 71191

Ion Ratio Lower Upper

83 100

131 10.5 4.9 14.7

85 63.4 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 80.265 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022612.D

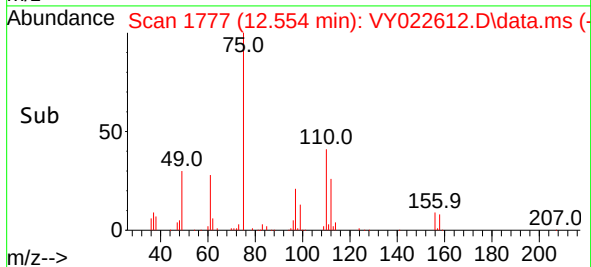
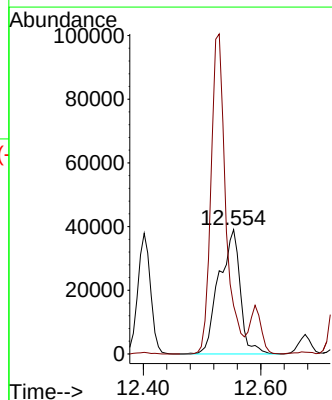
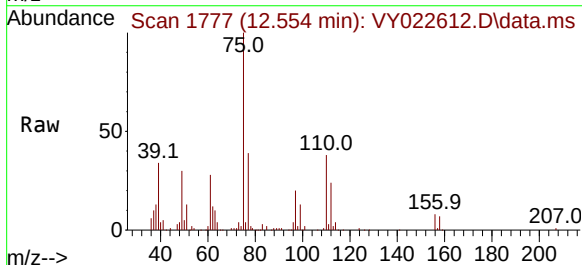
Acq: 06 Jun 2025 20:20

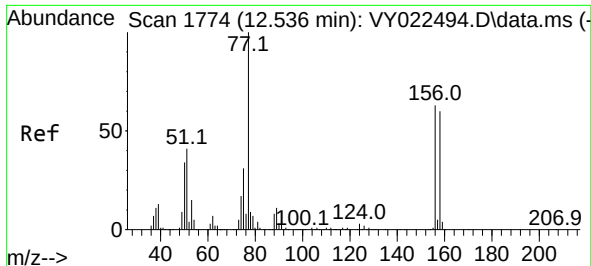
Tgt Ion: 75 Resp: 97922

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

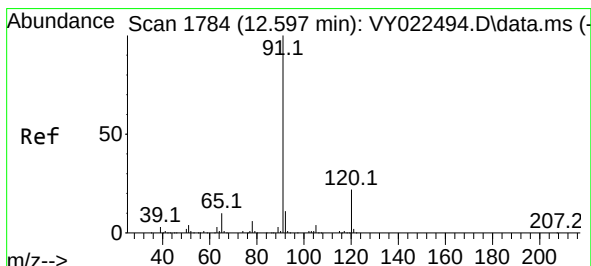
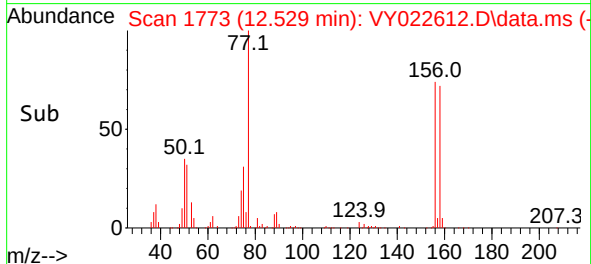
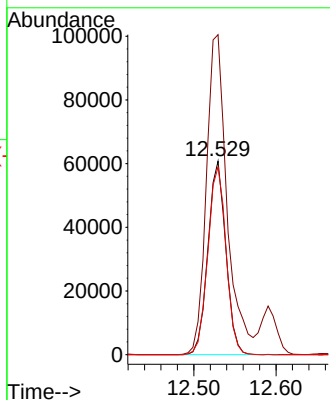
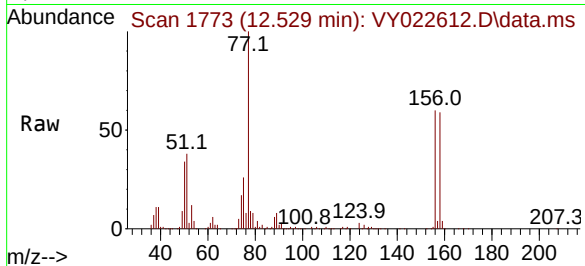




#77
Bromobenzene
Concen: 49.690 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

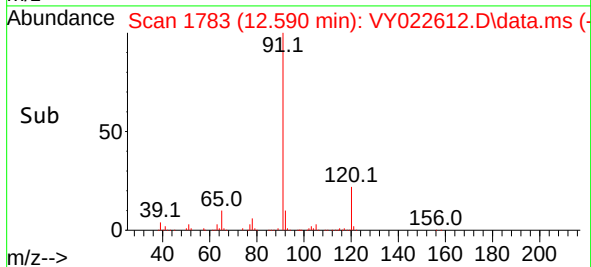
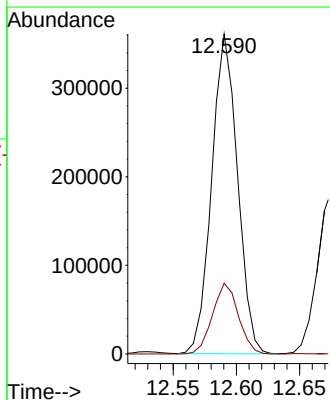
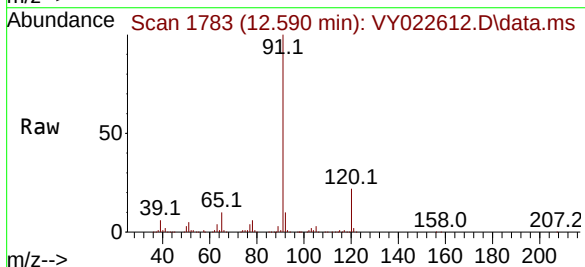
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

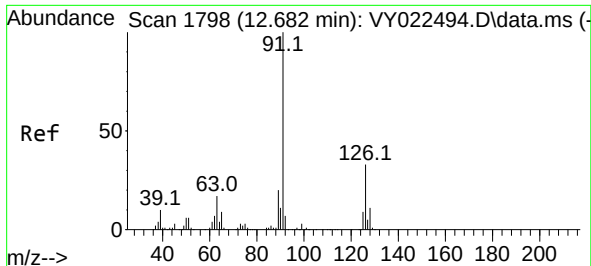
Tgt Ion:156 Resp: 91803
Ion Ratio Lower Upper
156 100
77 191.6 94.0 282.1
158 98.8 48.2 144.6



#78
n-propylbenzene
Concen: 47.944 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 91 Resp: 512675
Ion Ratio Lower Upper
91 100
120 22.1 10.8 32.4

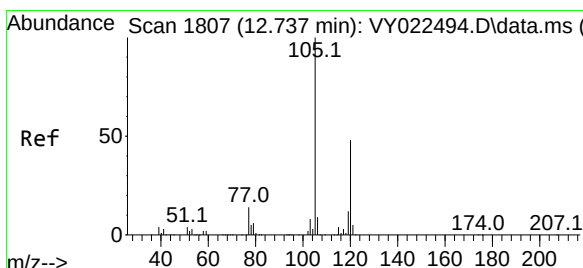
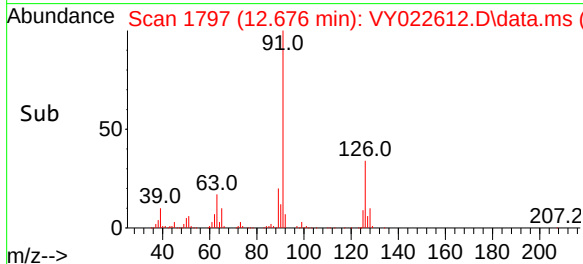
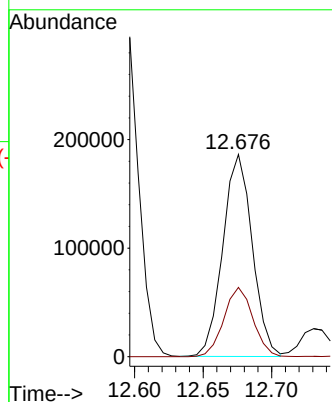
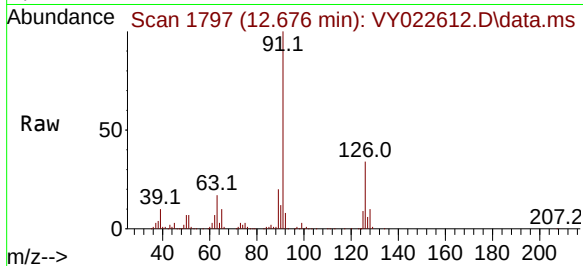




#79
2-Chlorotoluene
Concen: 49.124 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

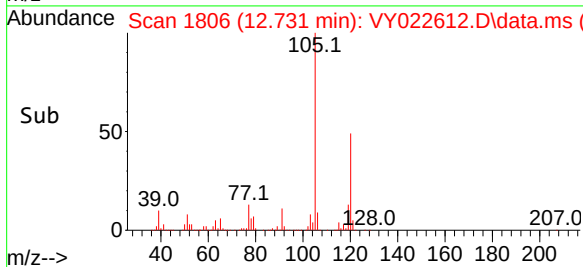
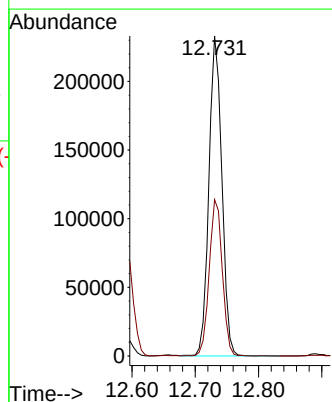
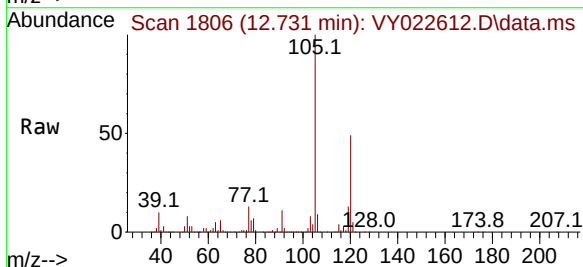
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

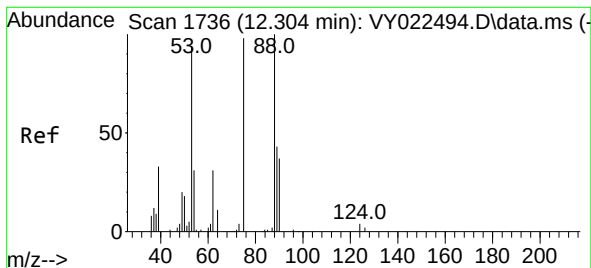
Tgt Ion: 91 Resp: 278408
Ion Ratio Lower Upper
91 100
126 33.9 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 48.406 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 105 Resp: 332715
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.4

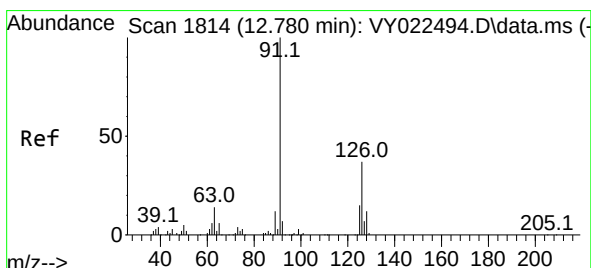
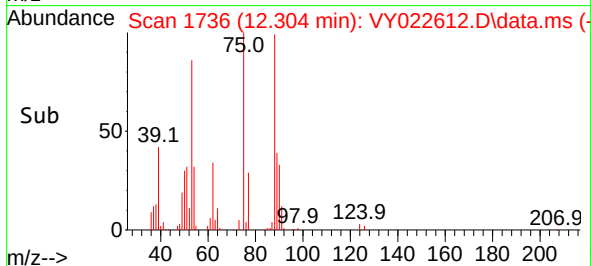
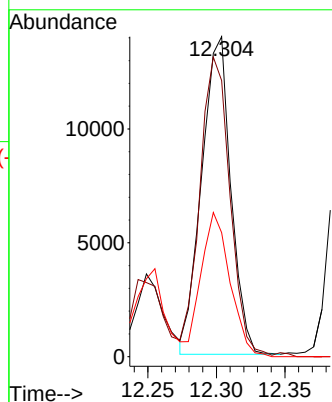
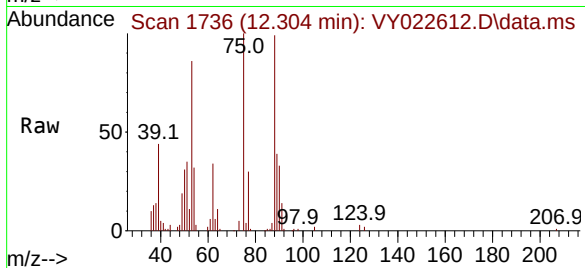




#81
trans-1,4-Dichloro-2-butene
Concen: 40.849 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

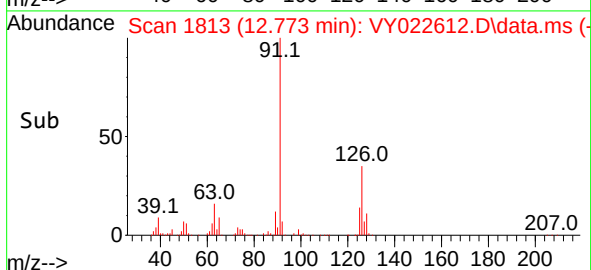
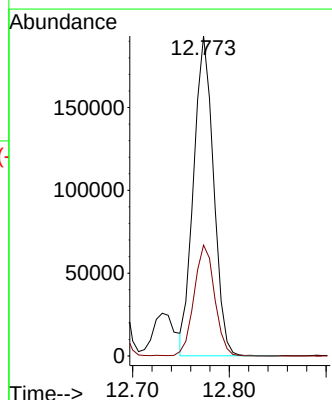
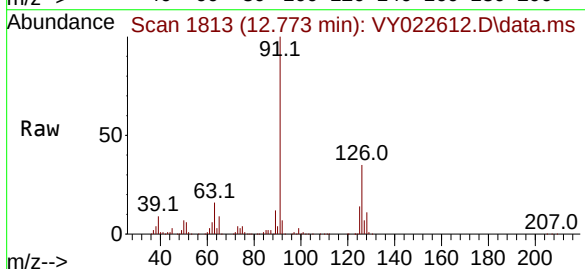
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

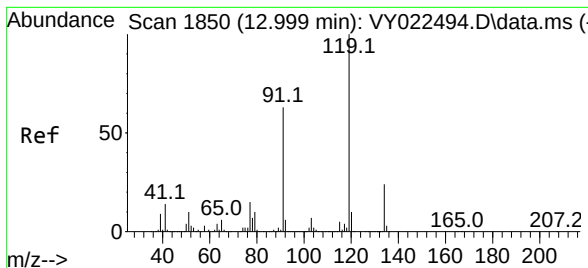
Tgt Ion: 75 Resp: 20636
Ion Ratio Lower Upper
75 100
53 98.0 78.5 117.7
89 45.6 35.7 53.5



#82
4-Chlorotoluene
Concen: 47.281 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 91 Resp: 276434
Ion Ratio Lower Upper
91 100
126 35.8 17.0 50.9





#83

tert-Butylbenzene

Concen: 48.154 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

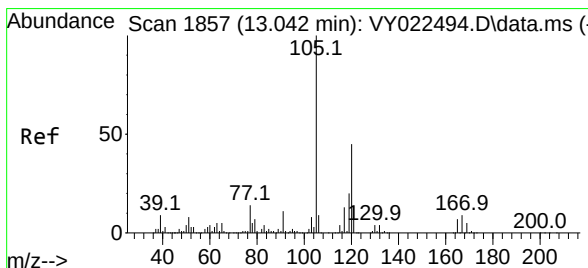
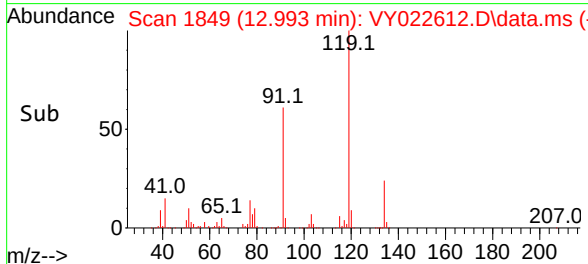
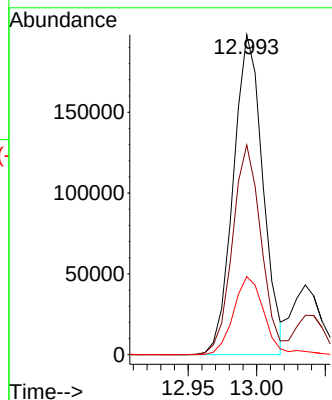
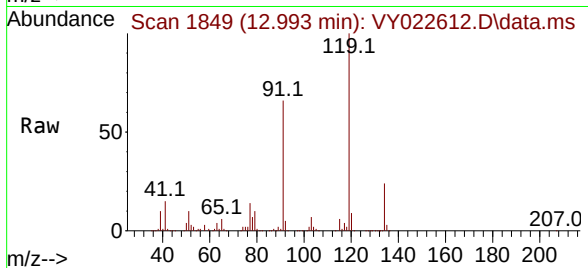
Tgt Ion:119 Resp: 297065

Ion Ratio Lower Upper

119 100

91 63.6 32.1 96.3

134 25.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 49.275 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022612.D

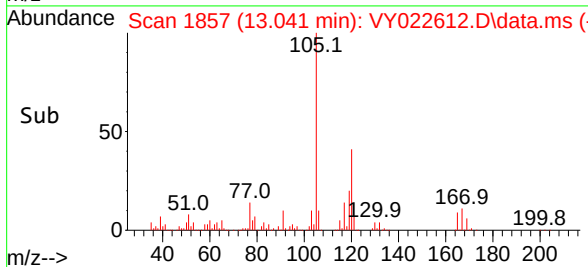
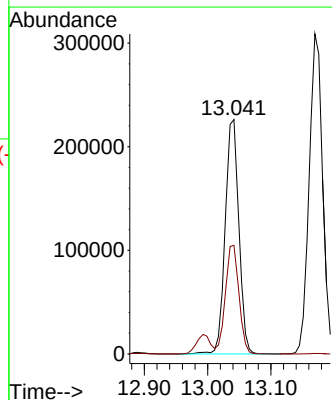
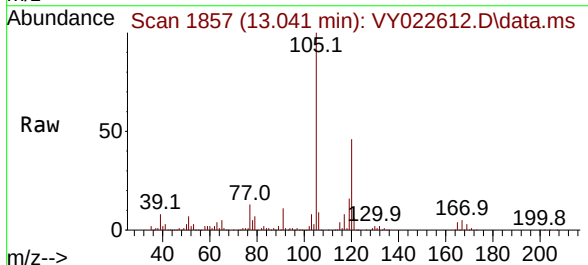
Acq: 06 Jun 2025 20:20

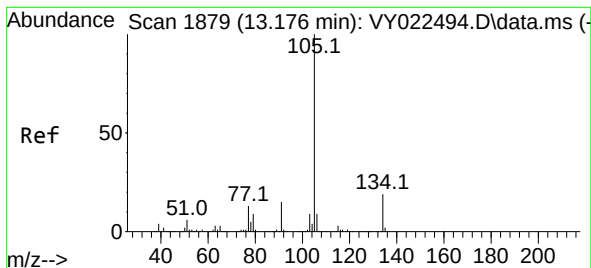
Tgt Ion:105 Resp: 338744

Ion Ratio Lower Upper

105 100

120 45.9 22.7 68.1





#85

sec-Butylbenzene

Concen: 48.005 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

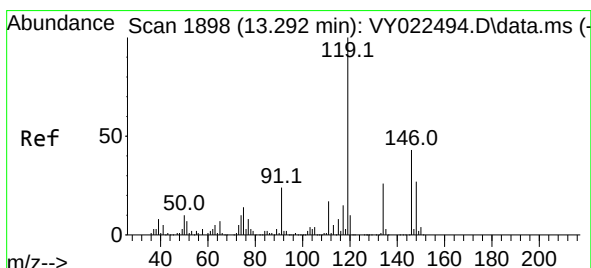
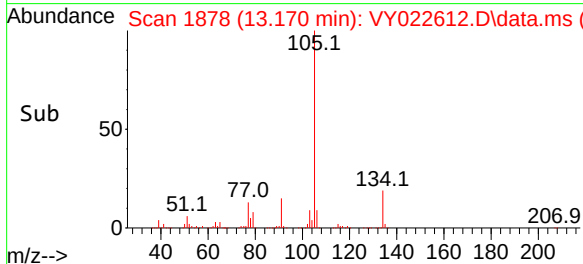
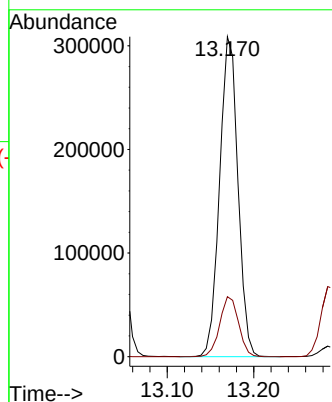
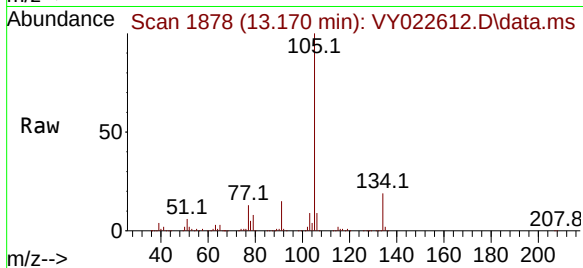
VSTDCCC050EC

Tgt Ion:105 Resp: 453553

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 48.016 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

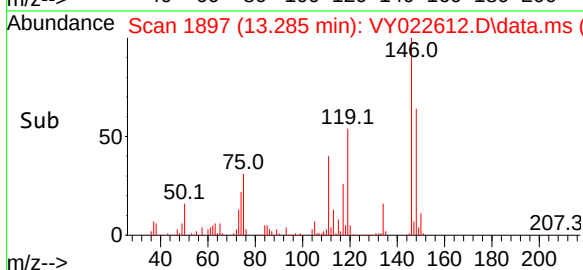
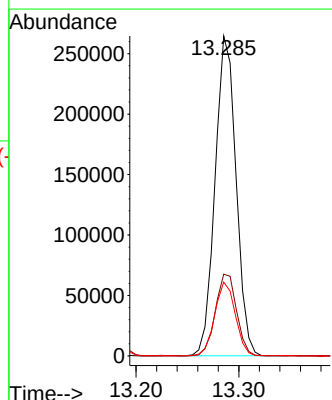
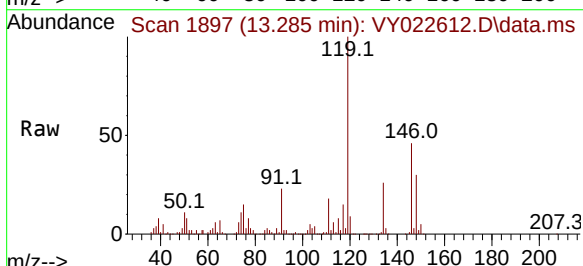
Tgt Ion:119 Resp: 373945

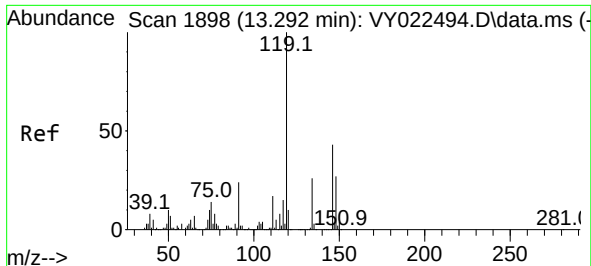
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 22.7 11.6 34.8

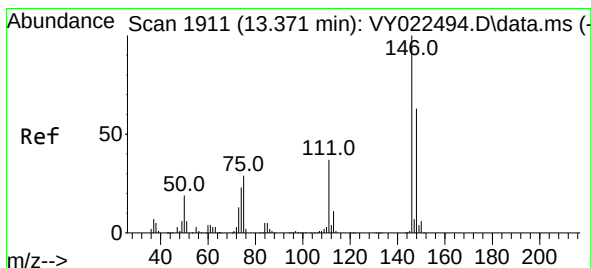
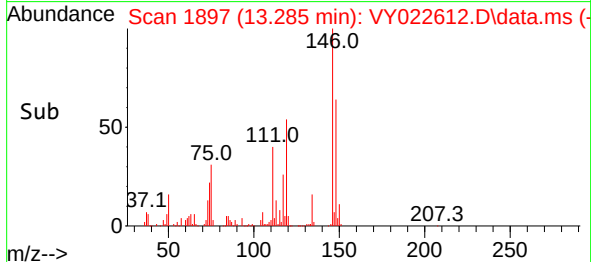
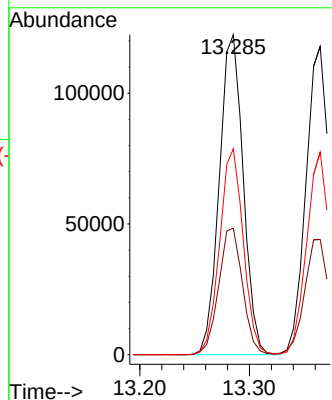
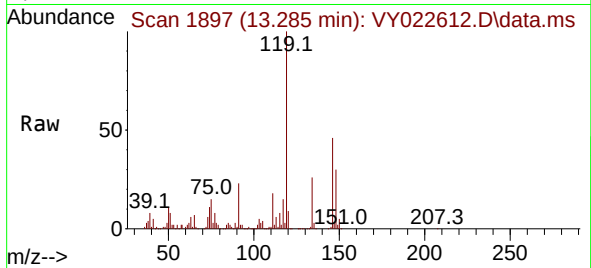




#87
 1,3-Dichlorobenzene
 Concen: 49.540 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022612.D
 Acq: 06 Jun 2025 20:20

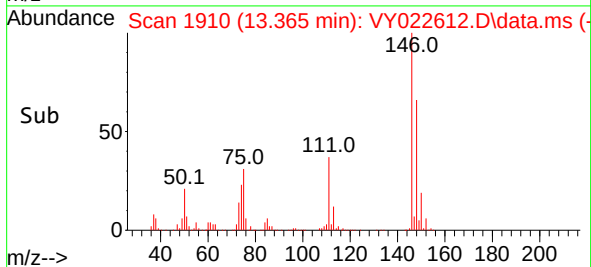
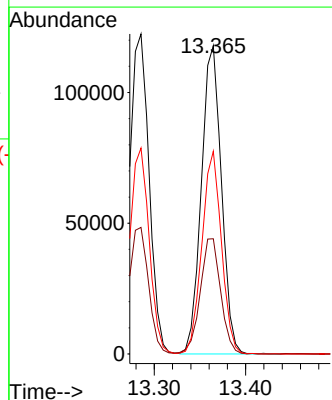
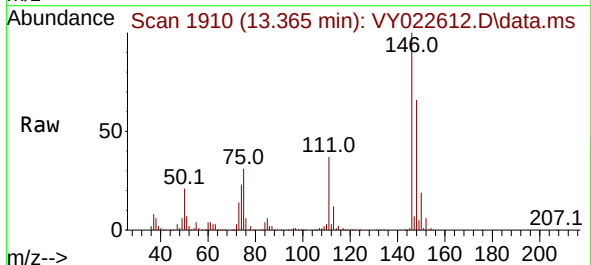
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

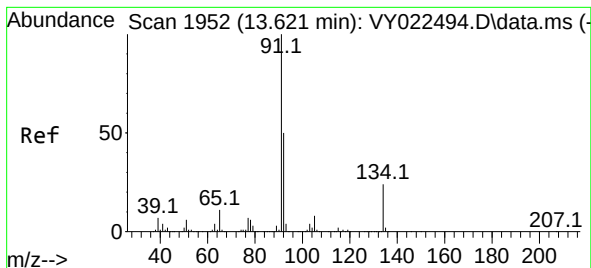
Tgt Ion:146 Resp: 185441
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.1 60.2
 148 63.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 49.572 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY022612.D
 Acq: 06 Jun 2025 20:20

Tgt Ion:146 Resp: 179975
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.4 58.2
 148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 48.433 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

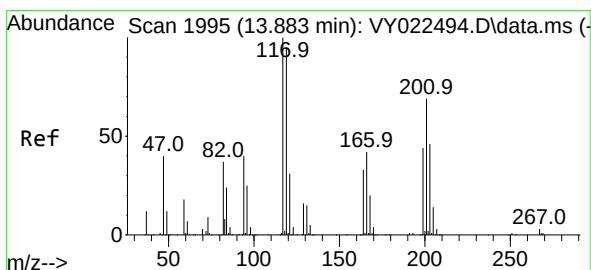
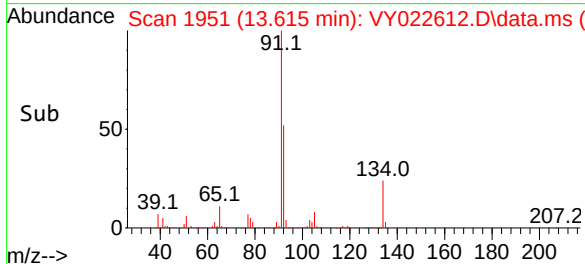
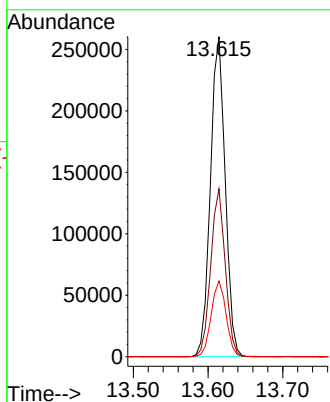
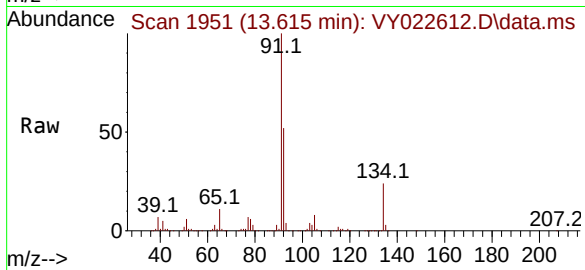
Tgt Ion: 91 Resp: 357860

Ion Ratio Lower Upper

91 100

92 51.5 25.9 77.8

134 23.8 12.0 36.1



#90

Hexachloroethane

Concen: 49.292 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022612.D

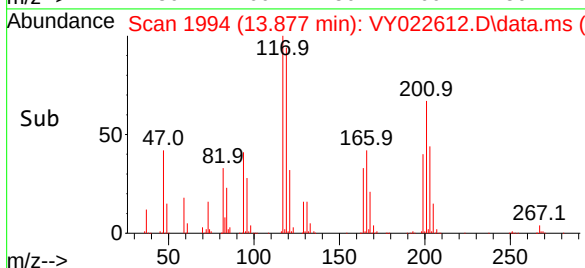
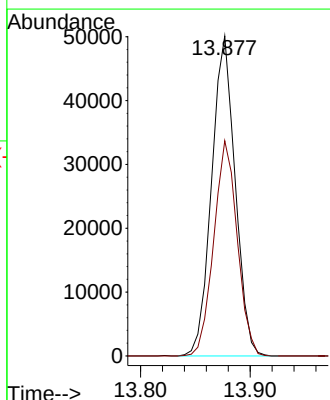
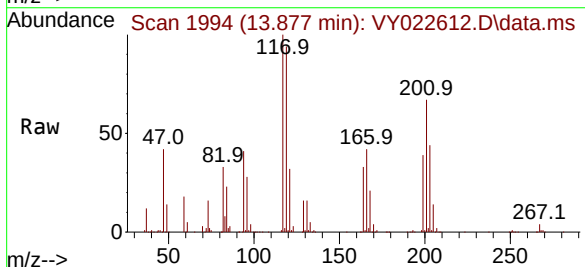
Acq: 06 Jun 2025 20:20

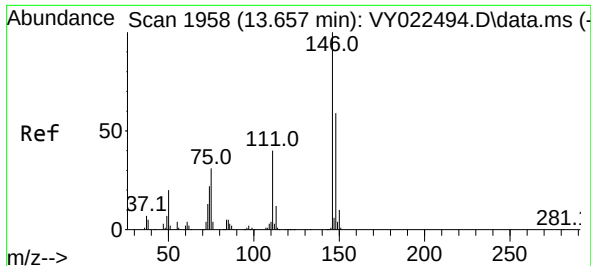
Tgt Ion: 117 Resp: 74734

Ion Ratio Lower Upper

117 100

201 67.1 34.0 102.0

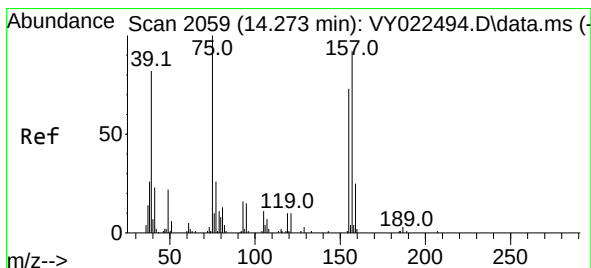
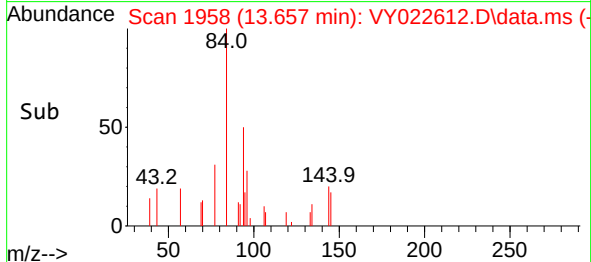
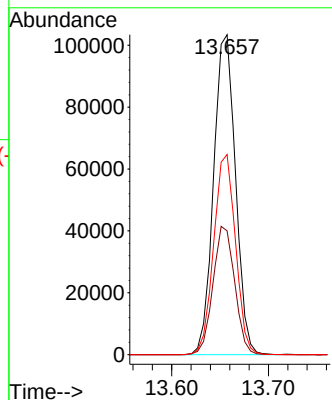
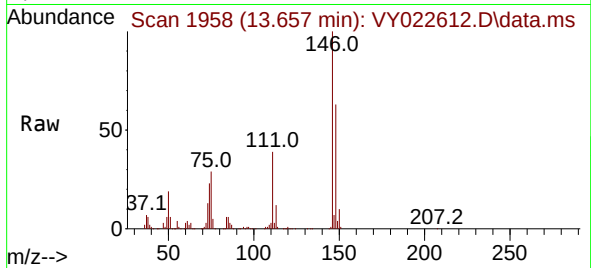




#91
1,2-Dichlorobenzene
Concen: 51.205 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

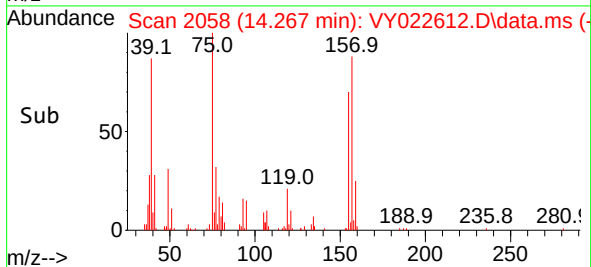
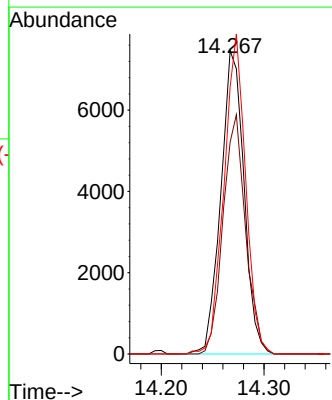
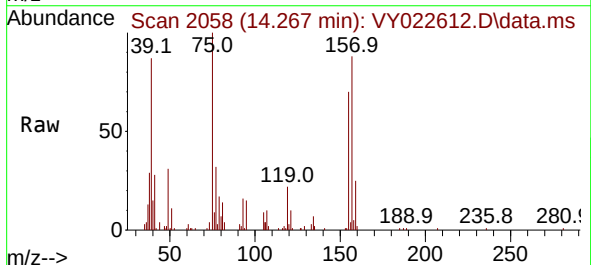
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

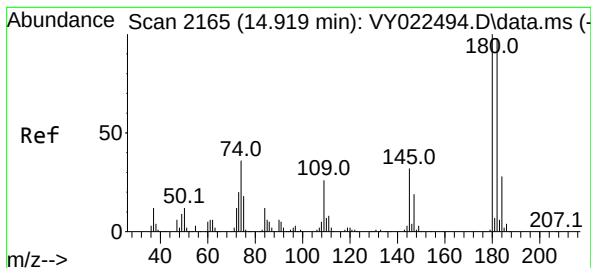
Tgt Ion:146 Resp: 162736
Ion Ratio Lower Upper
146 100
111 39.8 20.2 60.6
148 62.4 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.897 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY022612.D
Acq: 06 Jun 2025 20:20

Tgt Ion: 75 Resp: 11694
Ion Ratio Lower Upper
75 100
155 76.7 39.9 119.6
157 98.6 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 50.571 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

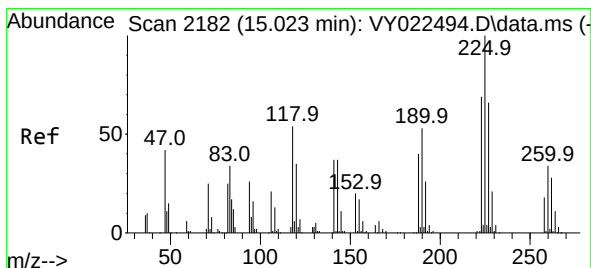
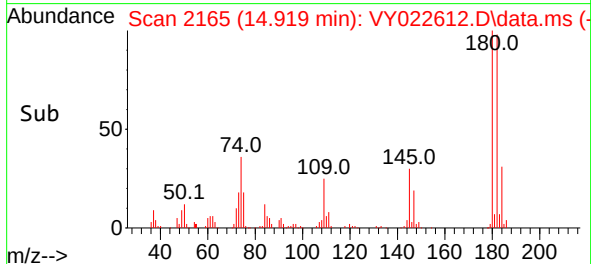
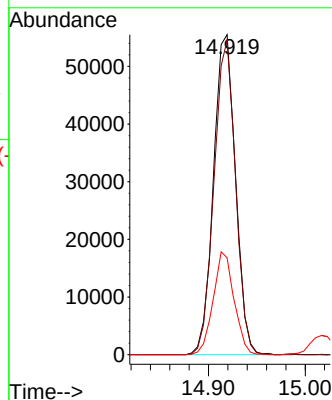
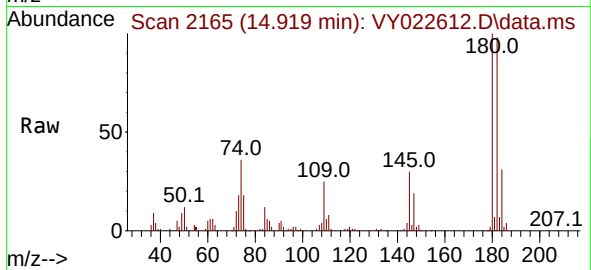
Tgt Ion:180 Resp: 87657

Ion Ratio Lower Upper

180 100

182 95.8 48.4 145.3

145 30.6 15.5 46.5



#94

Hexachlorobutadiene

Concen: 50.140 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

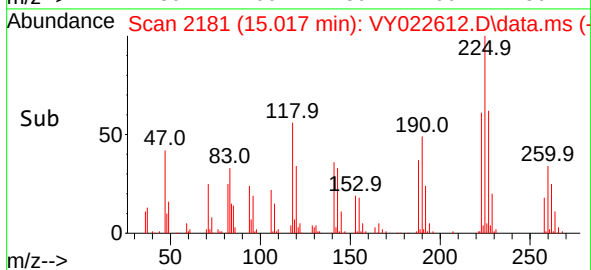
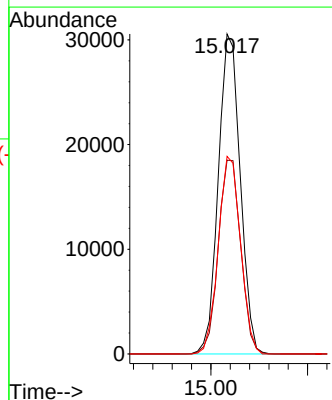
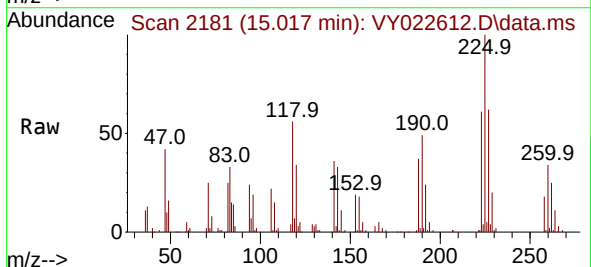
Tgt Ion:225 Resp: 47968

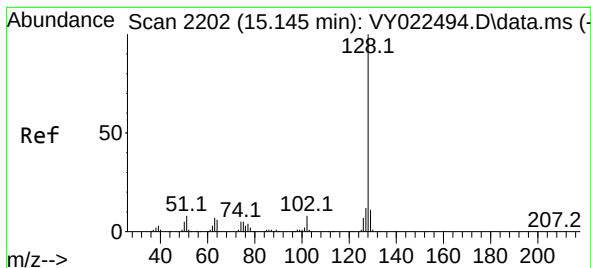
Ion Ratio Lower Upper

225 100

223 62.0 32.5 97.4

227 62.7 32.3 96.9





#95

Naphthalene

Concen: 54.915 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

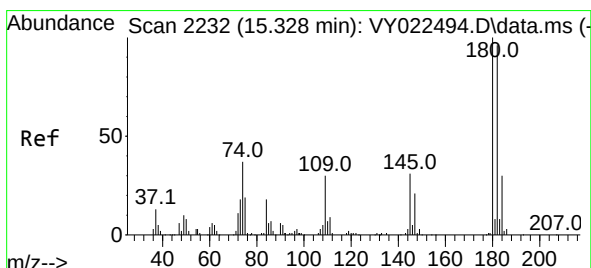
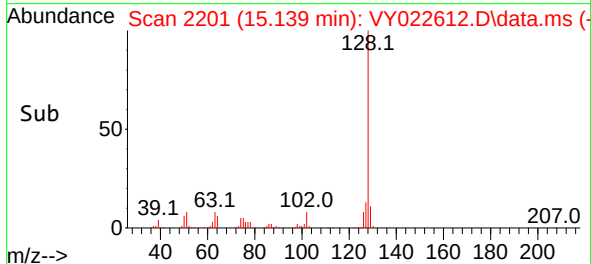
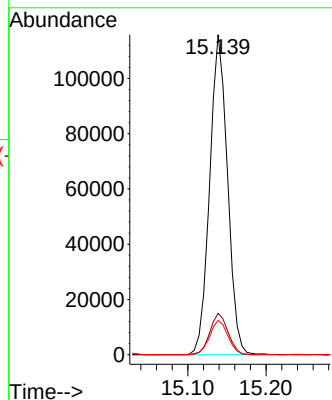
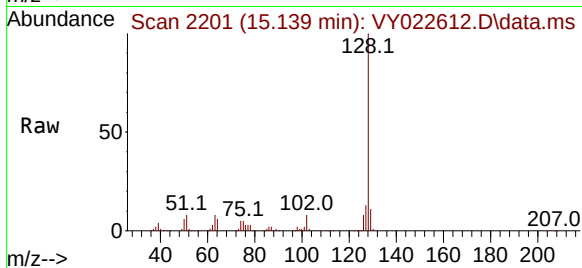
Tgt Ion:128 Resp: 182664

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 52.119 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022612.D

Acq: 06 Jun 2025 20:20

Tgt Ion:180 Resp: 77422

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.3

145 31.2 15.2 45.6

