

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061625\
 Data File : VY022695.D
 Acq On : 16 Jun 2025 08:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 17 05:49:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	174388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	289069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	247096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	115228	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	98919	50.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.440%	
35) Dibromofluoromethane	7.640	113	91453	53.004	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.000%	
50) Toluene-d8	10.109	98	366240	52.532	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.060%	
62) 4-Bromofluorobenzene	12.407	95	107571	51.786	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.580%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	69519	44.527	ug/l	97
3) Chloromethane	2.068	50	226633	49.135	ug/l	97
4) Vinyl Chloride	2.208	62	288044	53.832	ug/l	99
5) Bromomethane	2.598	94	223301	43.541	ug/l	100
6) Chloroethane	2.738	64	190430	51.850	ug/l	93
7) Trichlorofluoromethane	3.055	101	235260	51.791	ug/l	98
8) Diethyl Ether	3.458	74	51708	50.546	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.817	101	96666	50.527	ug/l	99
10) Methyl Iodide	4.006	142	106575	51.476	ug/l	99
11) Tert butyl alcohol	4.872	59	34023	244.231	ug/l #	73
12) 1,1-Dichloroethene	3.793	96	93902	51.348	ug/l	97
13) Acrolein	3.659	56	23352	134.507	ug/l	100
14) Allyl chloride	4.390	41	145540	50.695	ug/l	100
15) Acrylonitrile	5.067	53	110892	255.955	ug/l	99
16) Acetone	3.878	43	119485	301.650	ug/l	98
17) Carbon Disulfide	4.110	76	280330	47.880	ug/l	98
18) Methyl Acetate	4.390	43	56786	48.412	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	257915	50.072	ug/l	96
20) Methylene Chloride	4.622	84	105279	46.790	ug/l	97
21) trans-1,2-Dichloroethene	5.128	96	104665	51.138	ug/l	98
22) Diisopropyl ether	6.024	45	328550	51.414	ug/l	99
23) Vinyl Acetate	5.969	43	939392	248.368	ug/l	100
24) 1,1-Dichloroethane	5.921	63	200472	53.252	ug/l	99
25) 2-Butanone	6.902	43	153107	267.970	ug/l	98
26) 2,2-Dichloropropane	6.896	77	184026	55.325	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	124259	52.525	ug/l	97
28) Bromochloromethane	7.256	49	81221	49.494	ug/l	98
29) Tetrahydrofuran	7.268	42	89610	243.169	ug/l	100
30) Chloroform	7.427	83	199747	53.568	ug/l	96
31) Cyclohexane	7.707	56	175269	46.765	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	177894	53.742	ug/l	100
36) 1,1-Dichloropropene	7.841	75	148488	53.025	ug/l	99
37) Ethyl Acetate	6.994	43	61433	49.193	ug/l	98
38) Carbon Tetrachloride	7.823	117	155538	54.143	ug/l	96
39) Methylcyclohexane	9.115	83	190922	50.734	ug/l	98
40) Benzene	8.085	78	444852	53.785	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	25986	35.625	ug/l #	75
42) 1,2-Dichloroethane	8.164	62	120862	53.518	ug/l	98
43) Isopropyl Acetate	8.201	43	136175	50.490	ug/l	99
44) Trichloroethene	8.871	130	109923	54.378	ug/l	94
45) 1,2-Dichloropropane	9.146	63	106699	54.586	ug/l	100
46) Dibromomethane	9.237	93	56327	51.221	ug/l	97
47) Bromodichloromethane	9.426	83	156346	56.070	ug/l	97
48) Methyl methacrylate	9.225	41	61103	48.272	ug/l	97
49) 1,4-Dioxane	9.237	88	12416	953.015	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	348299	259.021	ug/l	99
52) Toluene	10.176	92	277847	53.455	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	138667	53.075	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	164783	54.182	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	73841	52.659	ug/l	96
56) Ethyl methacrylate	10.444	69	103924	51.277	ug/l	98
57) 1,3-Dichloropropane	10.719	76	131996	53.110	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	257969	280.349	ug/l	99
59) 2-Hexanone	10.761	43	239036	265.800	ug/l	99
60) Dibromochloromethane	10.914	129	95700	53.703	ug/l	99
61) 1,2-Dibromoethane	11.017	107	68002	53.207	ug/l	95
64) Tetrachloroethene	10.652	164	125705	59.140	ug/l	98
65) Chlorobenzene	11.444	112	289700	52.982	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	98730	53.599	ug/l	99
67) Ethyl Benzene	11.523	91	545428	53.780	ug/l	97
68) m/p-Xylenes	11.633	106	414254	107.748	ug/l	100
69) o-Xylene	11.956	106	192134	53.302	ug/l	100
70) Styrene	11.968	104	321446	53.948	ug/l	99
71) Bromoform	12.133	173	51977	53.026	ug/l #	99
73) Isopropylbenzene	12.255	105	506645	53.555	ug/l	99
74) N-amyl acetate	12.072	43	119948	50.251	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	76474	49.254	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	112024	84.979	ug/l #	100
77) Bromobenzene	12.535	156	104365	52.278	ug/l	98
78) n-propylbenzene	12.596	91	623894	53.995	ug/l	99
79) 2-Chlorotoluene	12.682	91	327036	53.402	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	400018	53.859	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	25980	47.593	ug/l	98
82) 4-Chlorotoluene	12.779	91	340887	53.959	ug/l	100
83) tert-Butylbenzene	12.999	119	356717	53.513	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	400978	53.979	ug/l	99
85) sec-Butylbenzene	13.176	105	552081	54.077	ug/l	99
86) p-Isopropyltoluene	13.291	119	450726	53.561	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	218598	54.045	ug/l	98
88) 1,4-Dichlorobenzene	13.364	146	208563	53.164	ug/l	99
89) n-Butylbenzene	13.621	91	432928	54.225	ug/l	99
90) Hexachloroethane	13.883	117	90202	55.059	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	182696	53.200	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11774	52.084	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	96629	51.592	ug/l	98
94) Hexachlorobutadiene	15.023	225	53481	51.735	ug/l	97
95) Naphthalene	15.145	128	176934	49.227	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	81492	50.769	ug/l	99

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QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

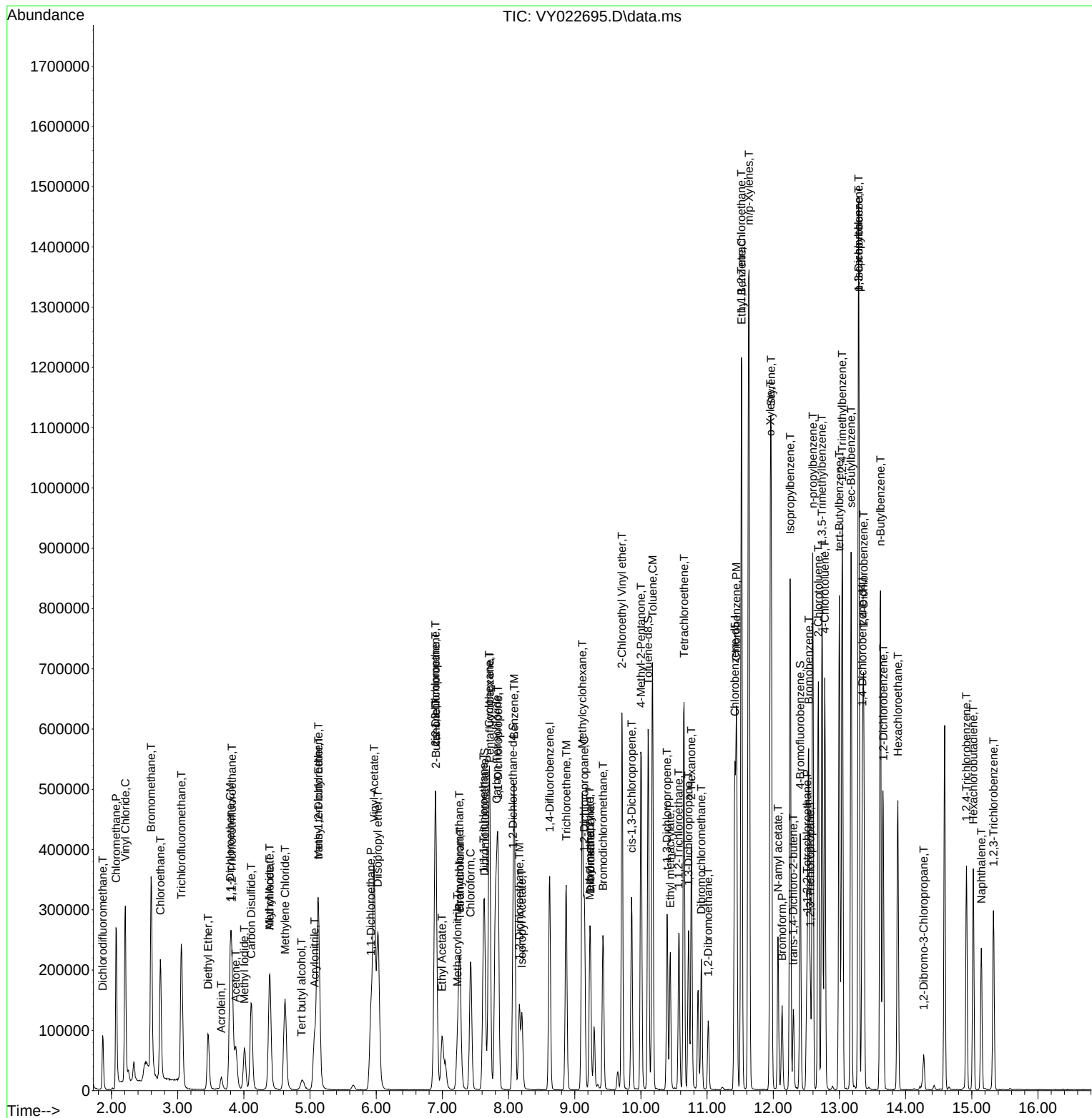
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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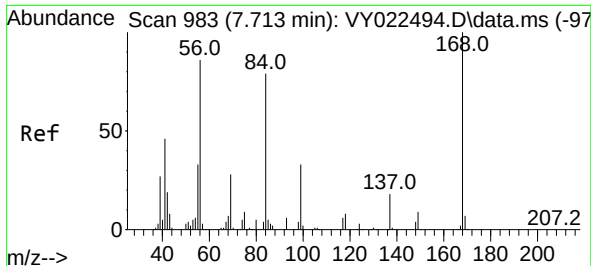
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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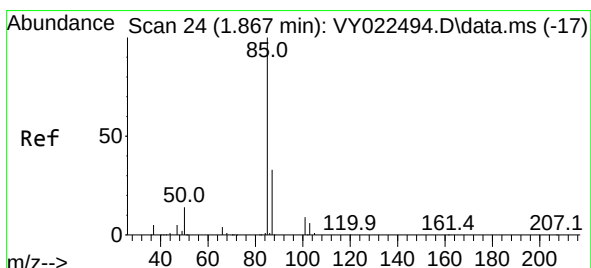
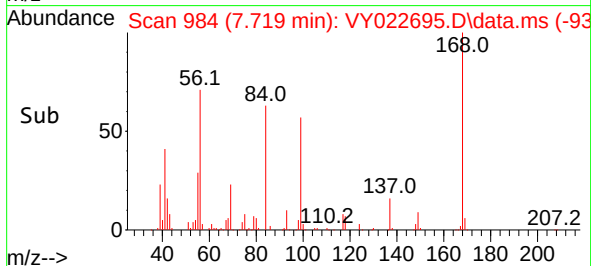
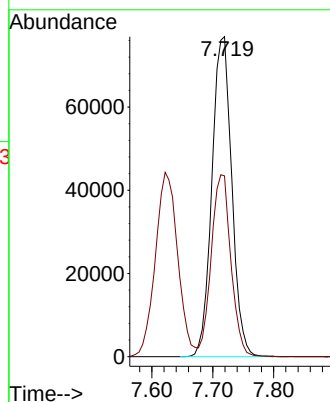
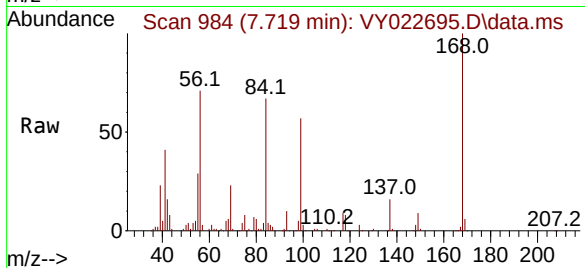




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

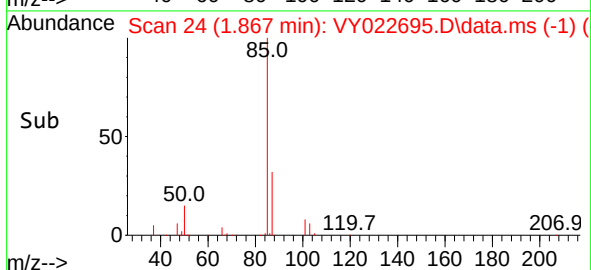
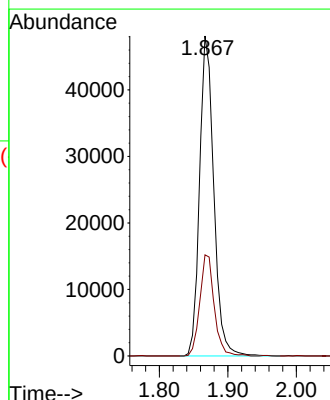
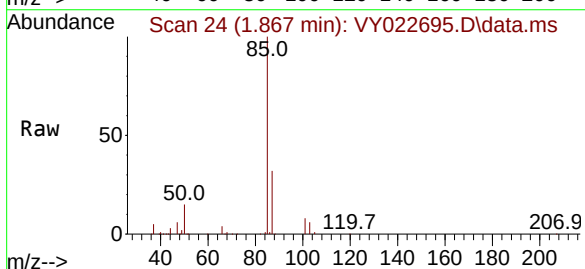
Instrument :
MSVOA_Y
ClientSampleId :
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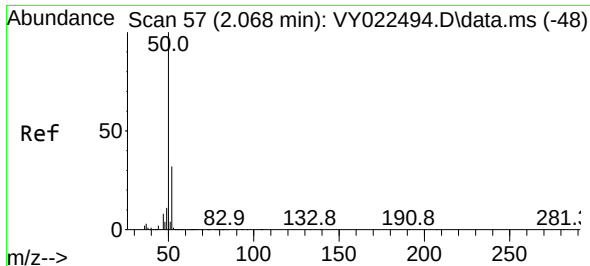
Tgt Ion:168 Resp: 174388
Ion Ratio Lower Upper
168 100
99 56.5 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 44.527 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 85 Resp: 69519
Ion Ratio Lower Upper
85 100
87 31.6 16.7 50.0

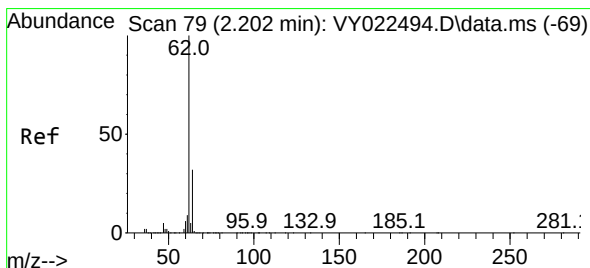
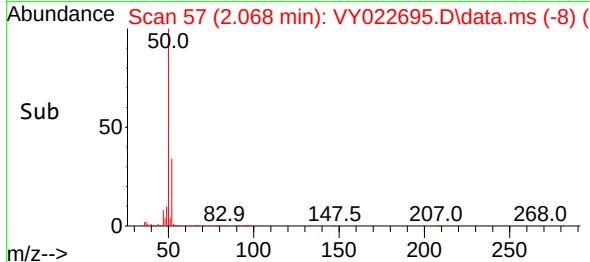
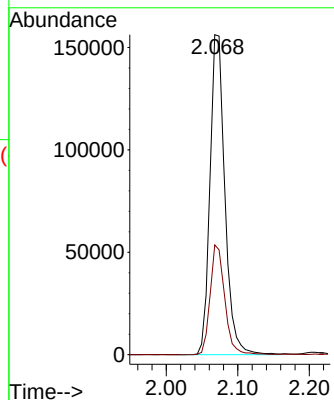
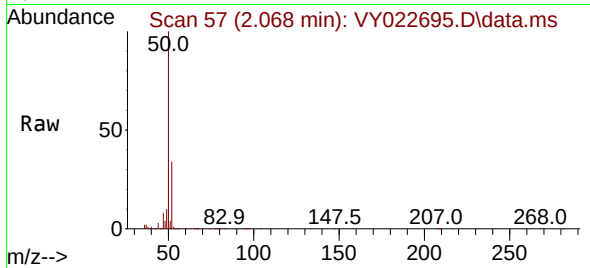




#3
Chloromethane
Concen: 49.135 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

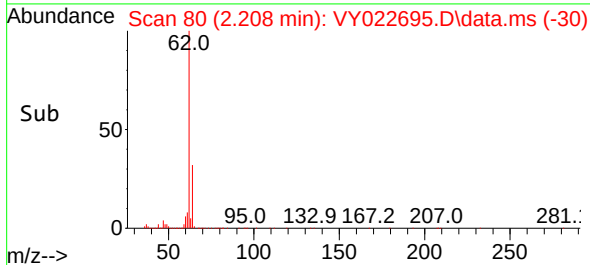
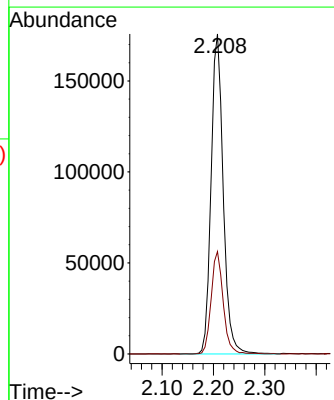
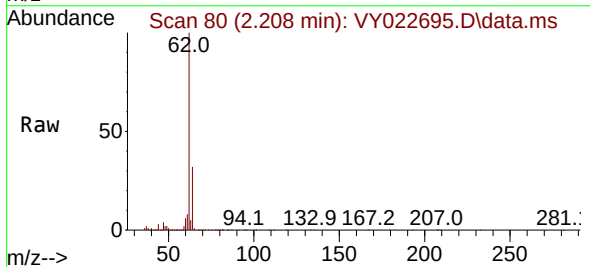
Instrument :
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ClientSampleId :
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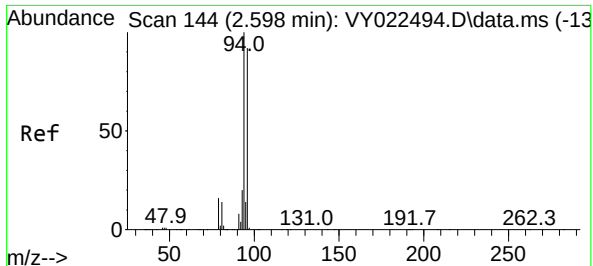
Tgt Ion: 50 Resp: 226633
Ion Ratio Lower Upper
50 100
52 34.3 26.0 39.0



#4
Vinyl Chloride
Concen: 53.832 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 62 Resp: 288044
Ion Ratio Lower Upper
62 100
64 32.0 25.3 37.9

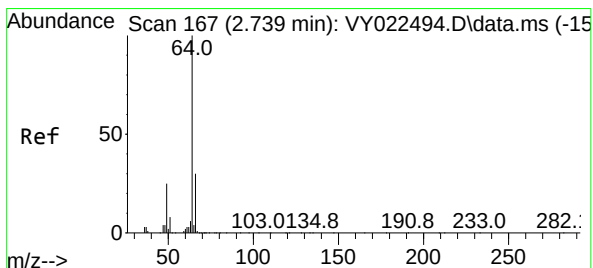
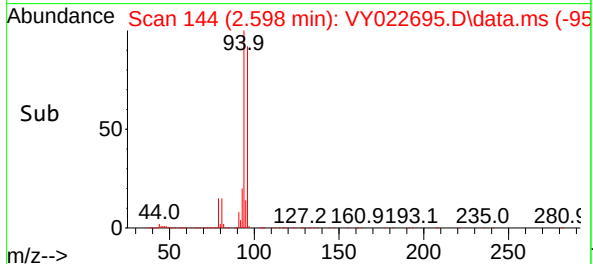
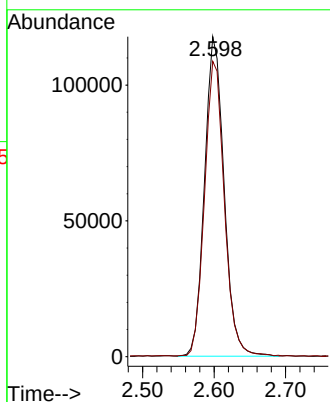
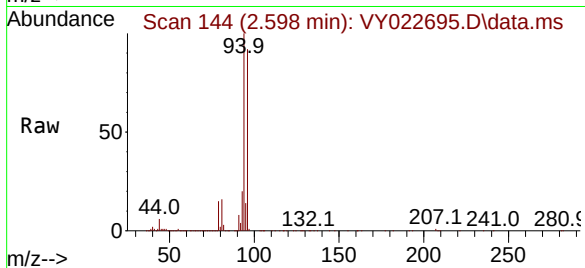




#5
Bromomethane
Concen: 43.541 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

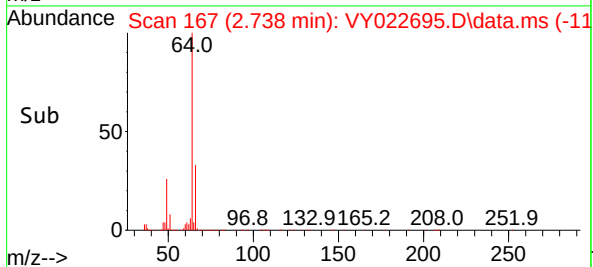
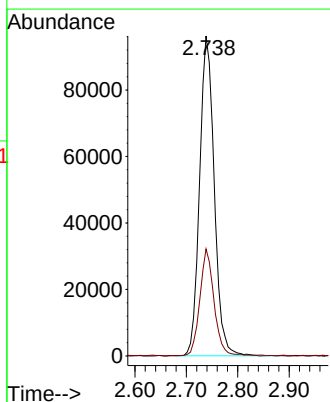
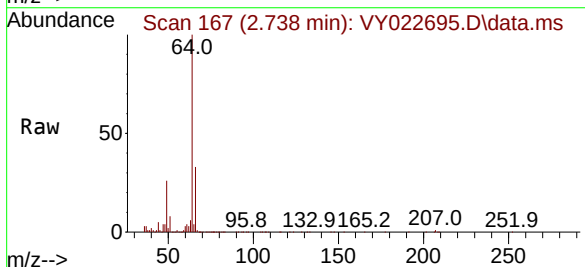
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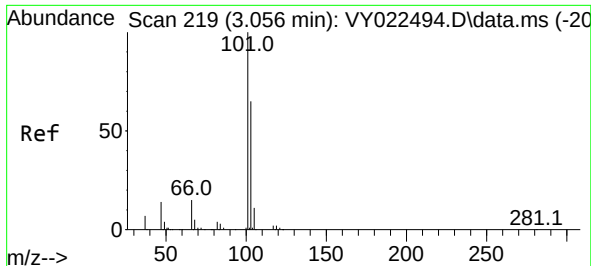
Tgt Ion: 94 Resp: 223301
Ion Ratio Lower Upper
94 100
96 92.2 74.0 111.0



#6
Chloroethane
Concen: 51.850 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 64 Resp: 190430
Ion Ratio Lower Upper
64 100
66 33.4 23.8 35.6

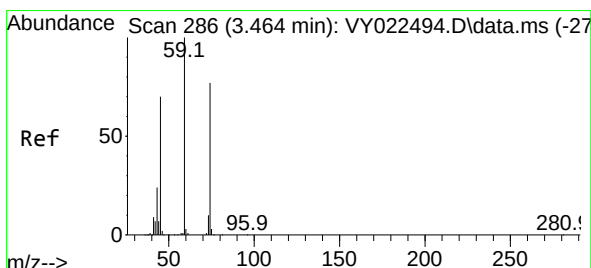
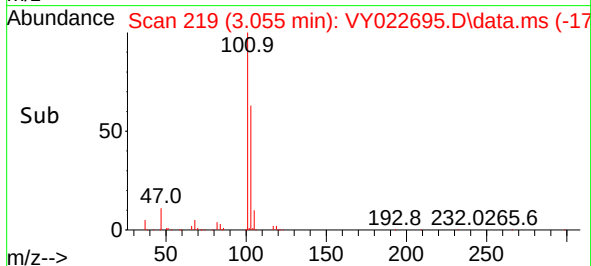
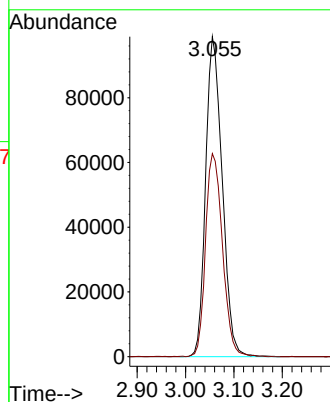
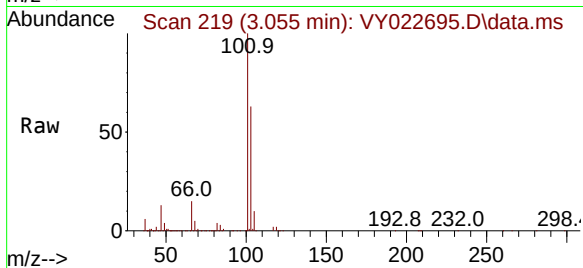




#7
Trichlorofluoromethane
Concen: 51.791 ug/l
RT: 3.055 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

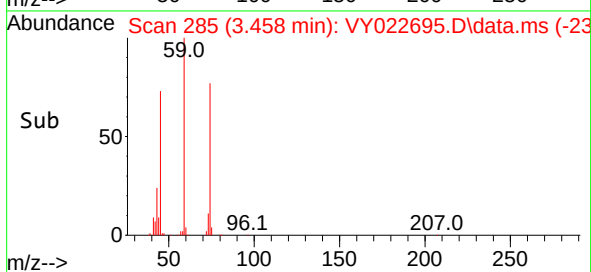
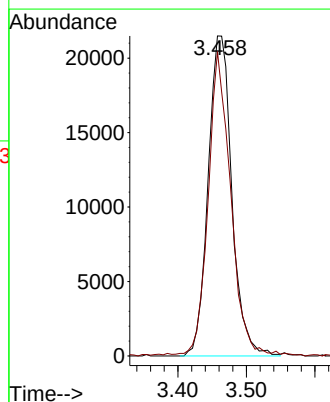
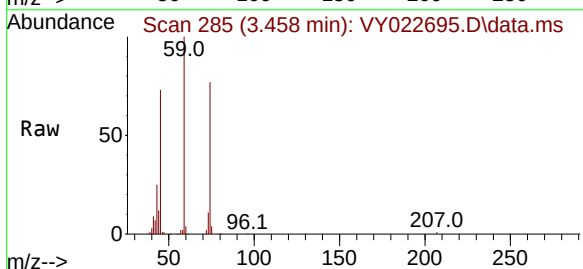
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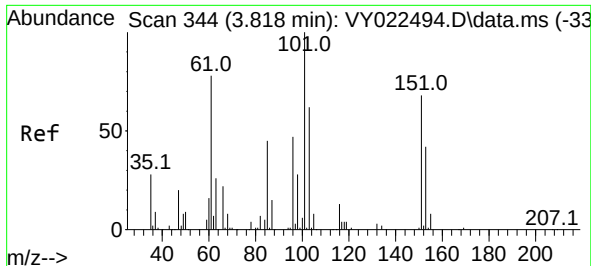
Tgt Ion:101 Resp: 235260
Ion Ratio Lower Upper
101 100
103 63.4 52.2 78.2



#8
Diethyl Ether
Concen: 50.546 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022695.D
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Tgt Ion: 74 Resp: 51708
Ion Ratio Lower Upper
74 100
45 88.0 45.9 137.6

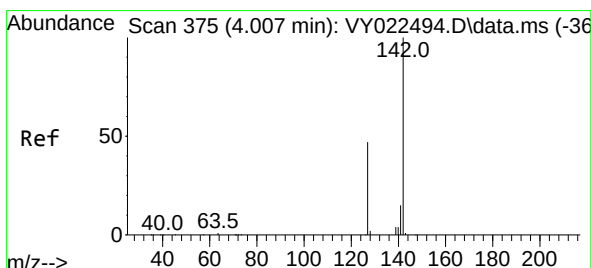
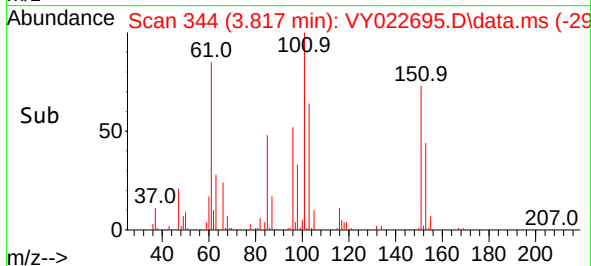
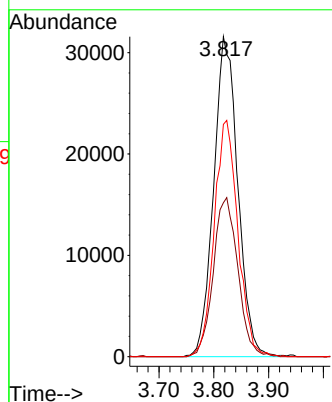
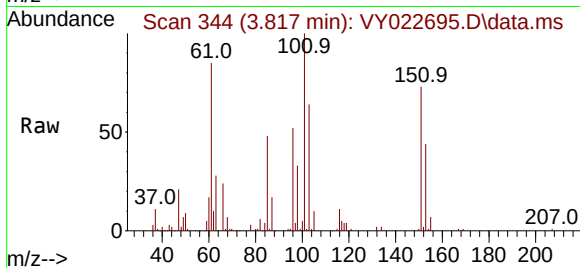




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.527 ug/l
RT: 3.817 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

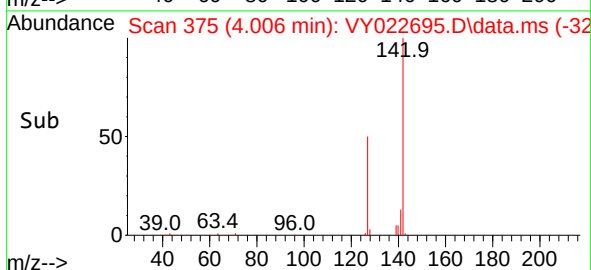
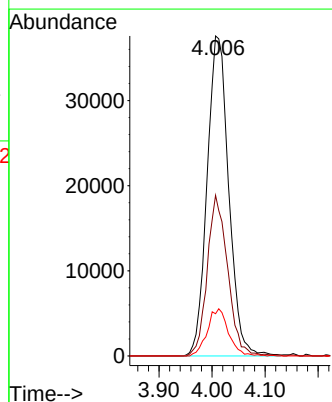
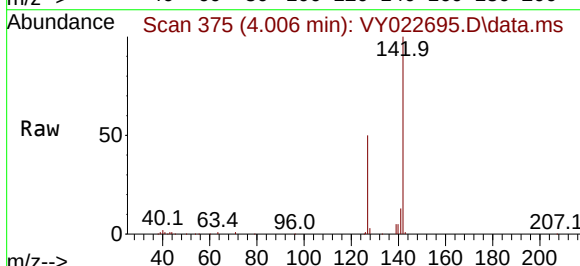
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

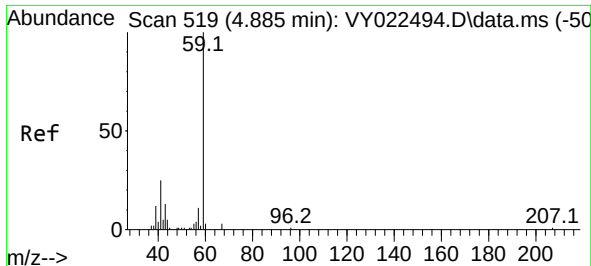
Tgt Ion:101 Resp: 96666
Ion Ratio Lower Upper
101 100
85 50.5 39.3 58.9
151 72.4 57.8 86.8



#10
Methyl Iodide
Concen: 51.476 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion:142 Resp: 106575
Ion Ratio Lower Upper
142 100
127 47.4 37.1 55.7
141 14.5 11.4 17.2

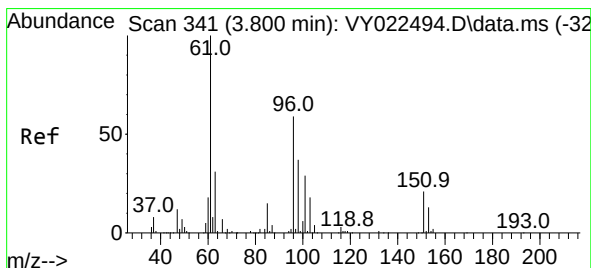
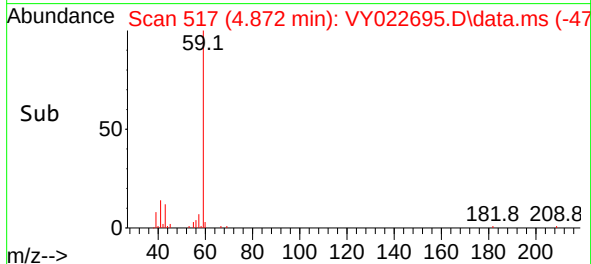
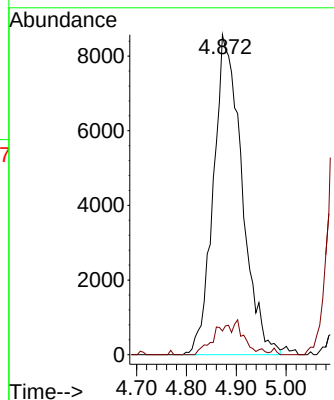
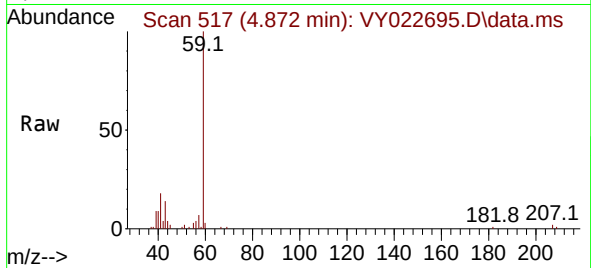




#11
Tert butyl alcohol
Concen: 244.231 ug/l
RT: 4.872 min Scan# 519
Delta R.T. -0.013 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

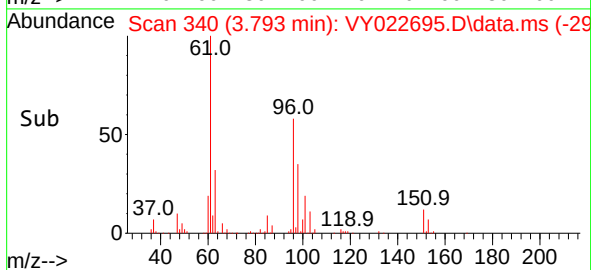
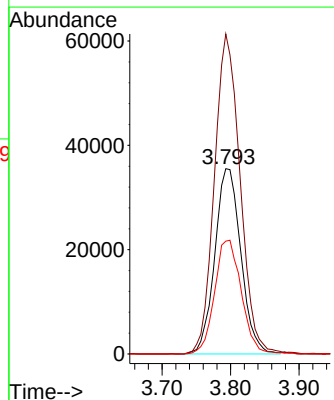
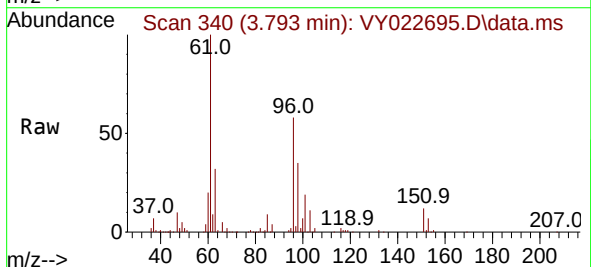
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

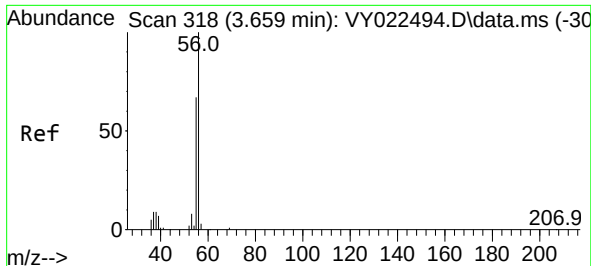
Tgt Ion: 59 Resp: 34023
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 51.348 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 96 Resp: 93902
Ion Ratio Lower Upper
96 100
61 172.7 134.6 201.8
98 60.9 50.2 75.4

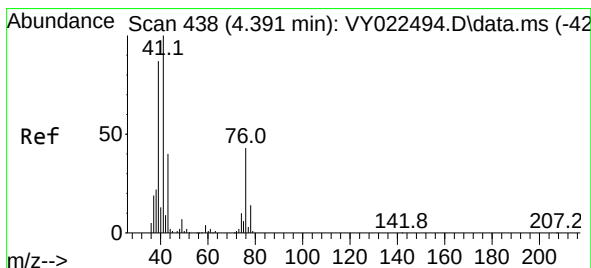
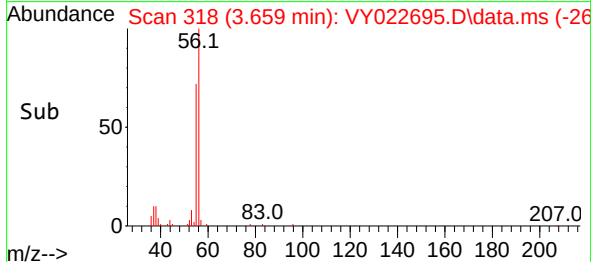
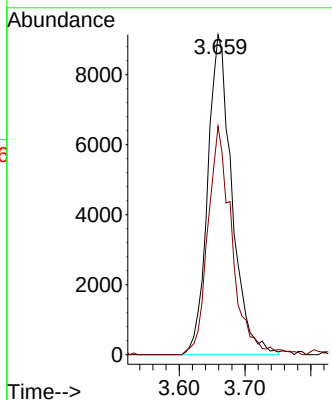
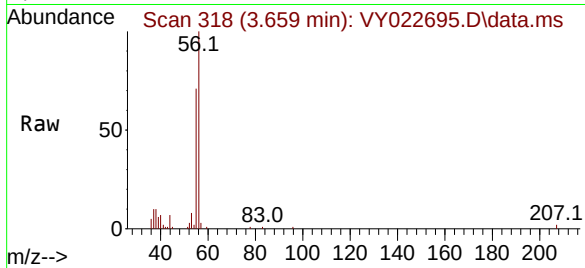




#13
Acrolein
Concen: 134.507 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

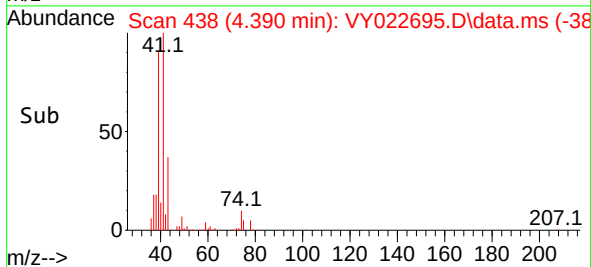
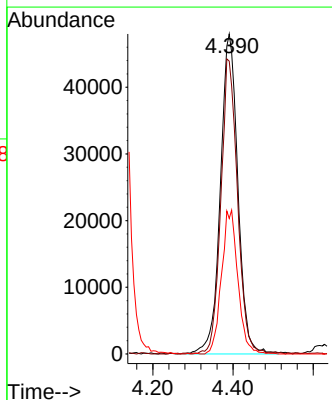
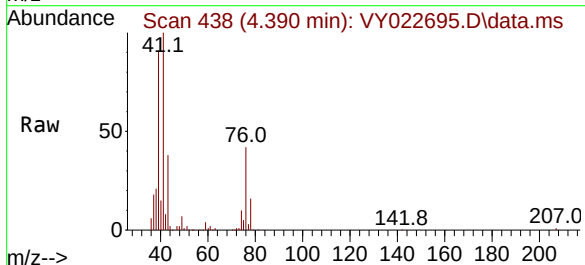
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

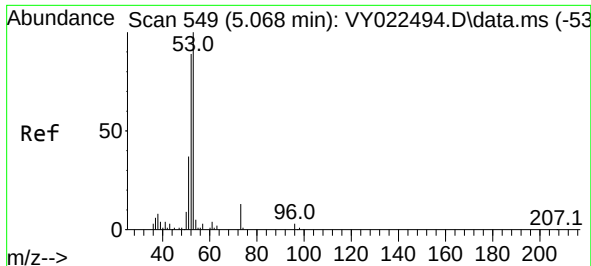
Tgt Ion: 56 Resp: 23352
Ion Ratio Lower Upper
56 100
55 71.1 57.0 85.6



#14
Allyl chloride
Concen: 50.695 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 41 Resp: 145540
Ion Ratio Lower Upper
41 100
39 86.9 69.1 103.7
76 42.1 33.5 50.3

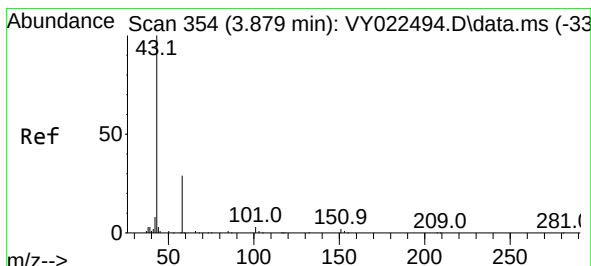
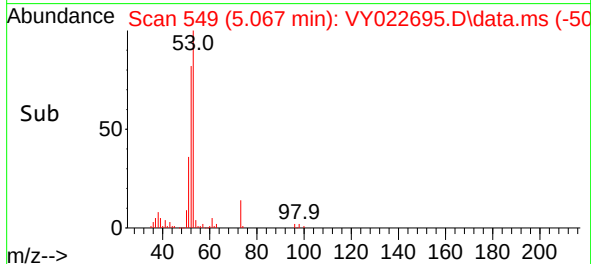
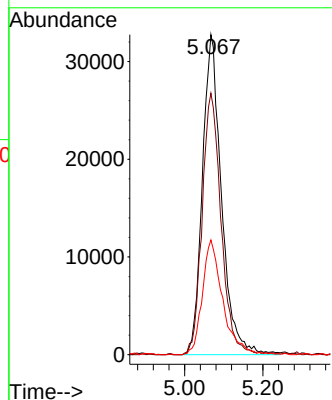
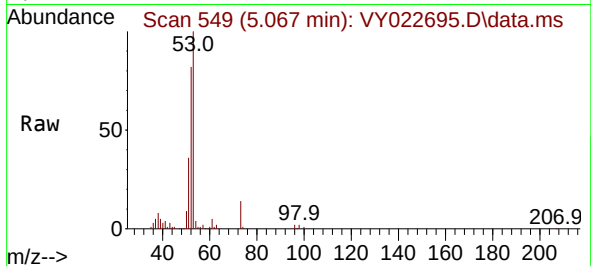




#15
Acrylonitrile
Concen: 255.955 ug/l
RT: 5.067 min Scan# 549
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

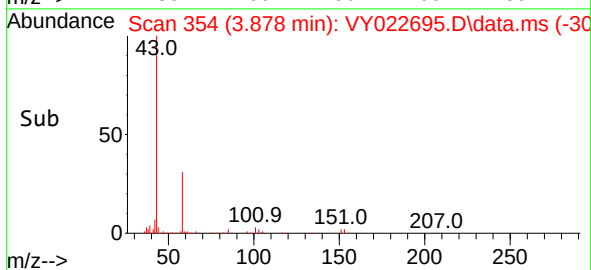
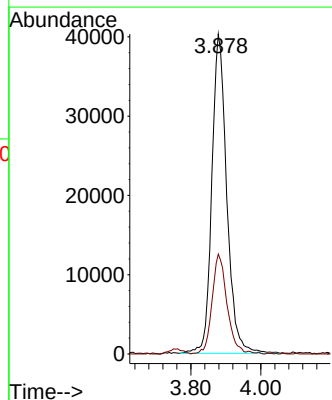
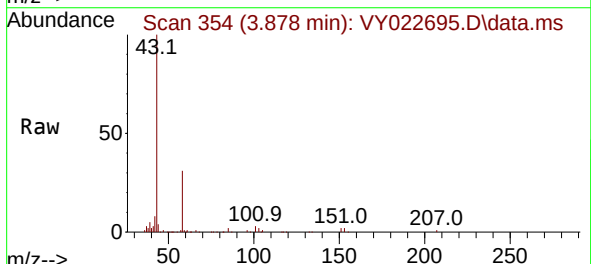
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

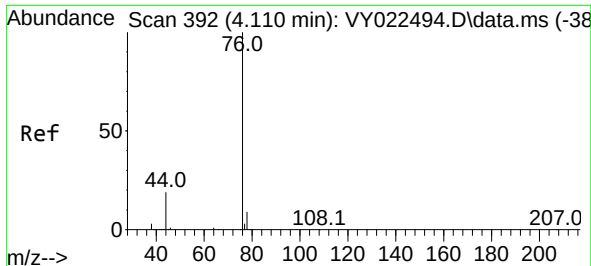
Tgt Ion: 53 Resp: 110892
Ion Ratio Lower Upper
53 100
52 81.1 65.7 98.5
51 38.3 30.1 45.1



#16
Acetone
Concen: 301.650 ug/l
RT: 3.878 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 43 Resp: 119485
Ion Ratio Lower Upper
43 100
58 31.3 24.0 36.0

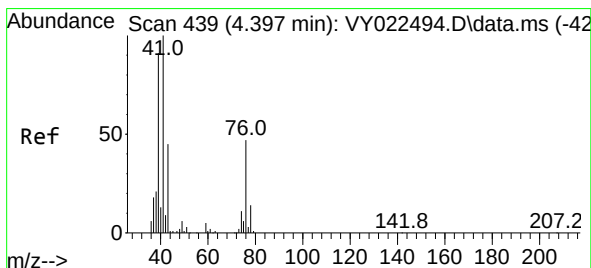
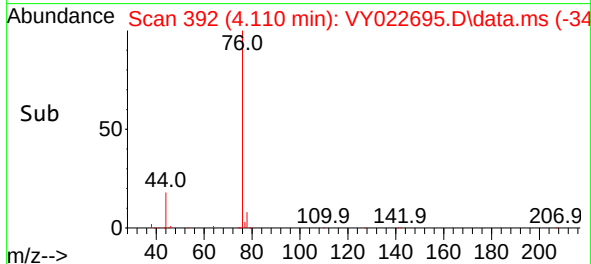
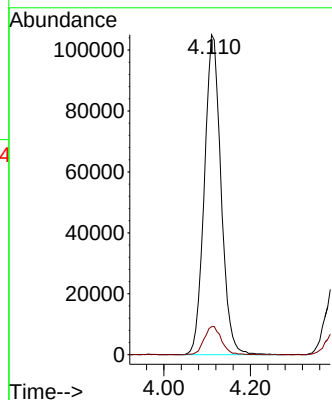
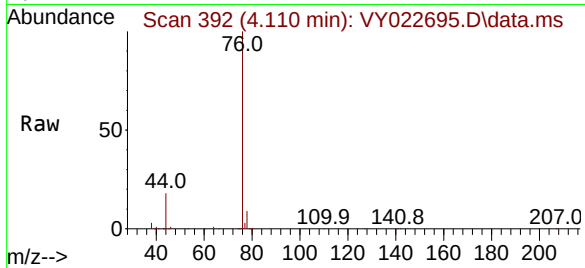




#17
Carbon Disulfide
Concen: 47.880 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

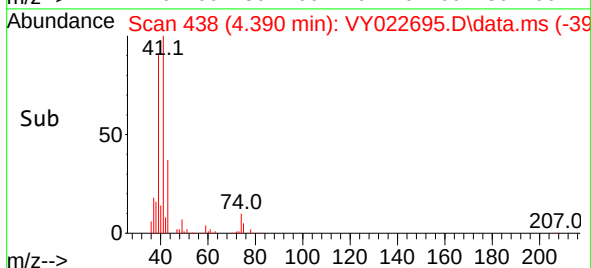
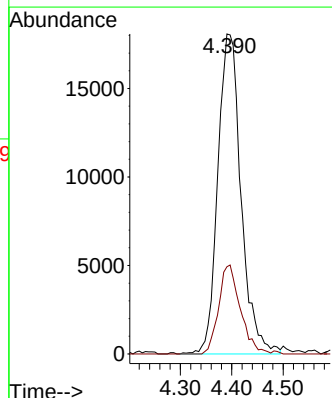
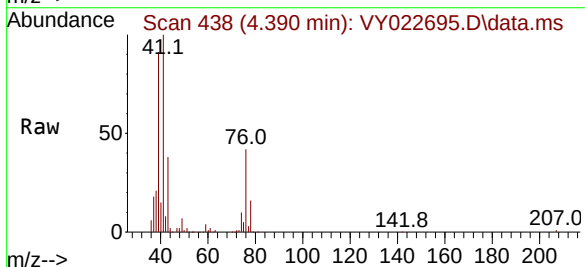
Instrument :
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ClientSampleId :
VSTDCCC050

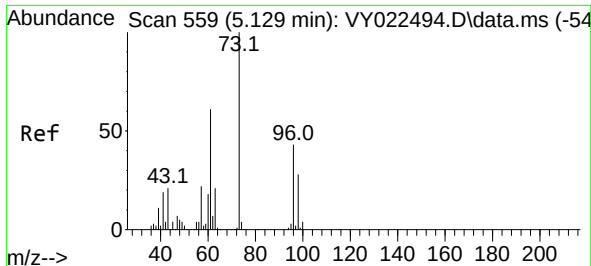
Tgt Ion: 76 Resp: 280330
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 48.412 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 43 Resp: 56786
Ion Ratio Lower Upper
43 100
74 25.9 19.8 29.6

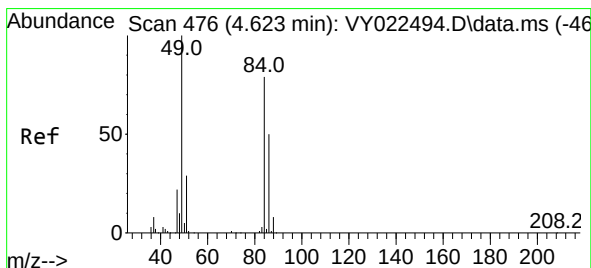
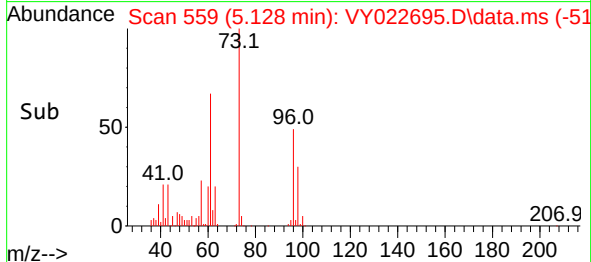
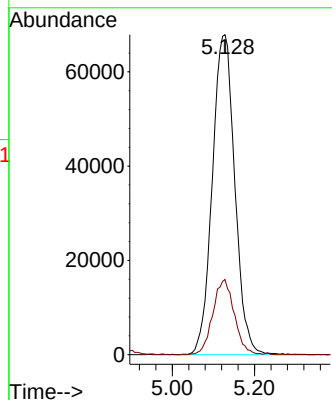
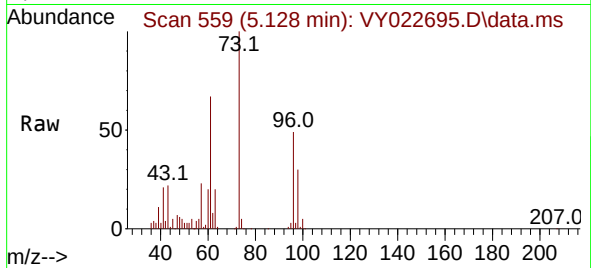




#19
Methyl tert-butyl Ether
Concen: 50.072 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

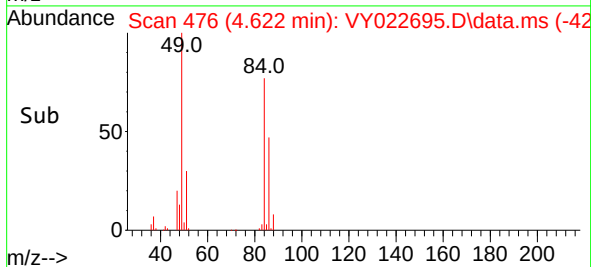
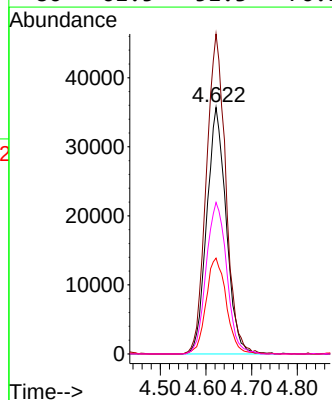
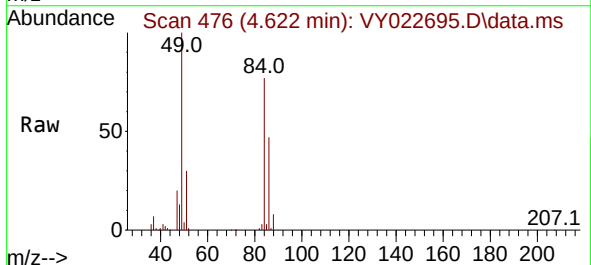
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

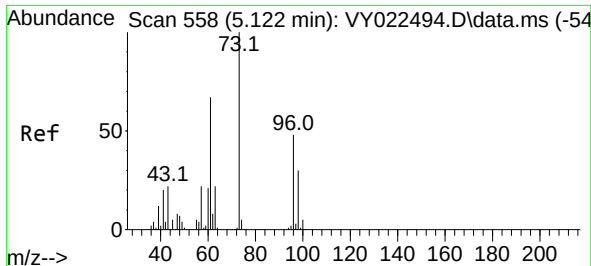
Tgt Ion: 73 Resp: 257915
Ion Ratio Lower Upper
73 100
57 23.5 17.4 26.0



#20
Methylene Chloride
Concen: 46.790 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 84 Resp: 105279
Ion Ratio Lower Upper
84 100
49 129.7 101.9 152.9
51 38.9 29.8 44.8
86 61.5 51.3 76.9

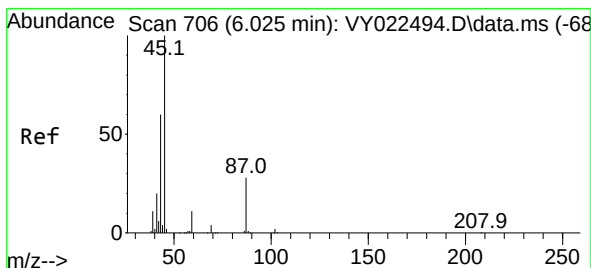
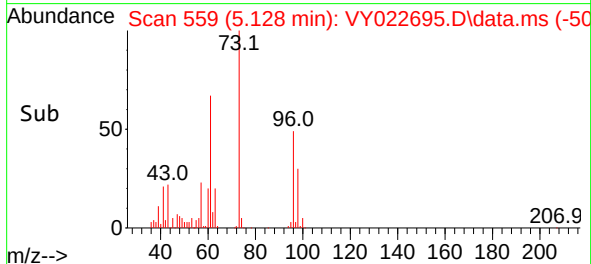
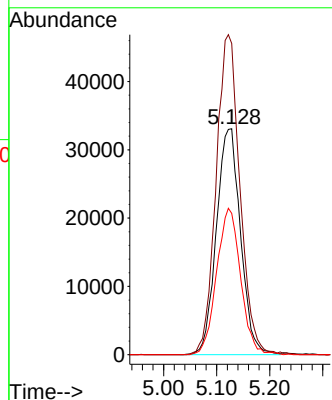
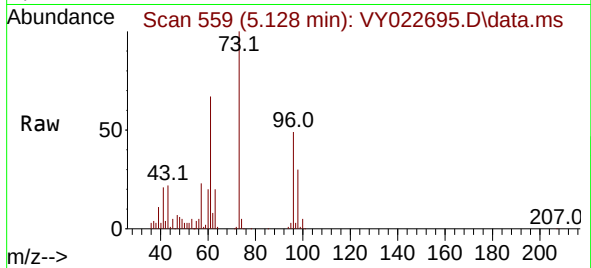




#21
trans-1,2-Dichloroethene
Concen: 51.138 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

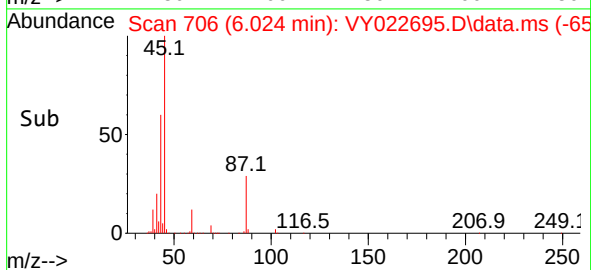
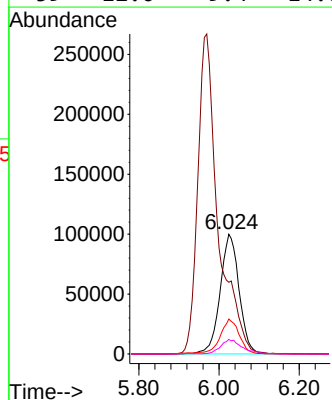
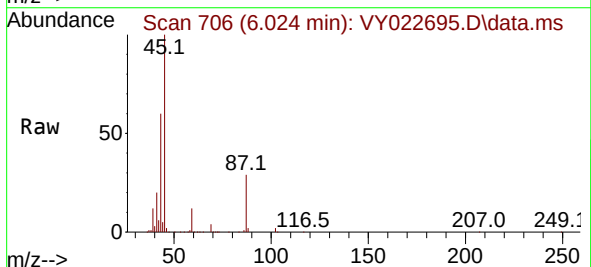
Instrument :
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ClientSampleId :
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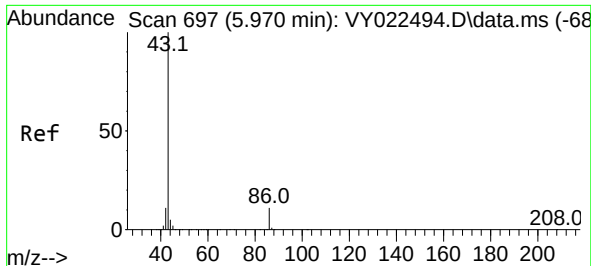
Tgt Ion: 96 Resp: 104665
Ion Ratio Lower Upper
96 100
61 137.7 112.6 169.0
98 62.5 50.6 75.8



#22
Diisopropyl ether
Concen: 51.414 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 45 Resp: 328550
Ion Ratio Lower Upper
45 100
43 59.6 48.3 72.5
87 29.1 23.0 34.6
59 12.0 9.4 14.0

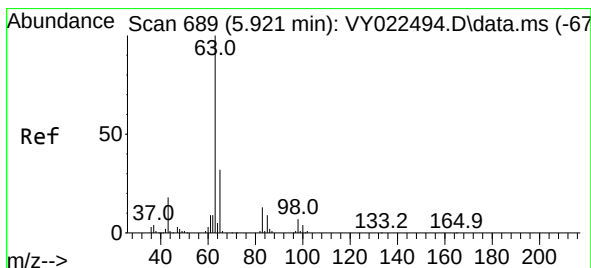
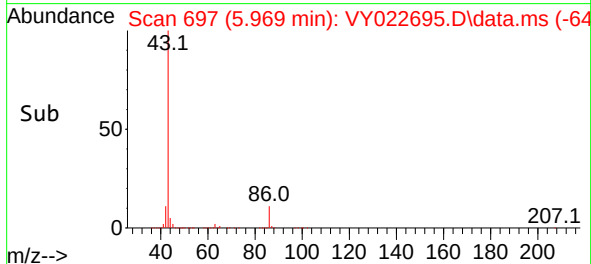
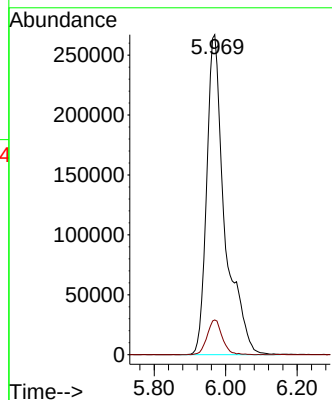
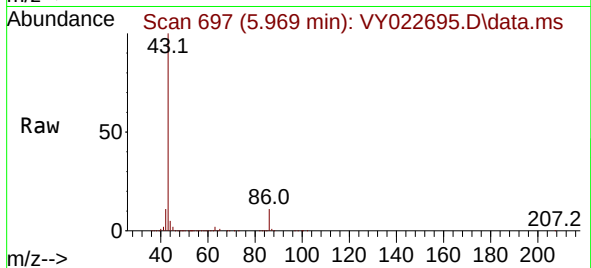




#23
 Vinyl Acetate
 Concen: 248.368 ug/l
 RT: 5.969 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY022695.D
 Acq: 16 Jun 2025 08:31

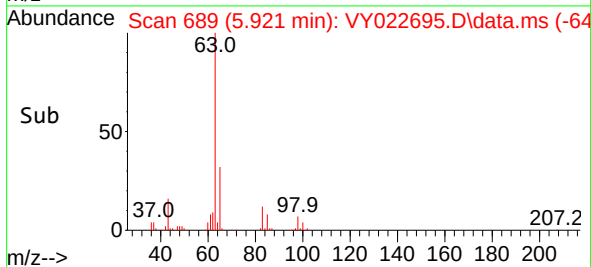
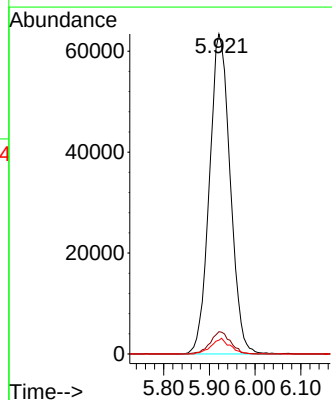
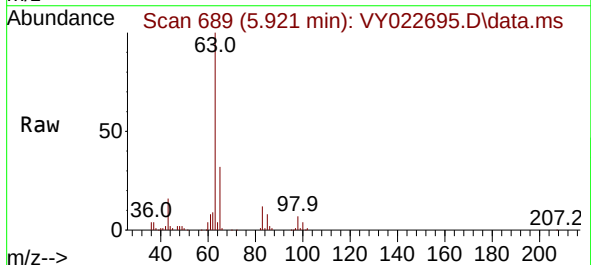
Instrument :
 MSVOA_Y
 ClientSampleId :
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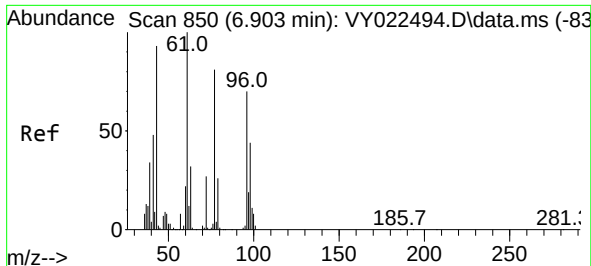
Tgt Ion: 43 Resp: 939392
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 53.252 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY022695.D
 Acq: 16 Jun 2025 08:31

Tgt Ion: 63 Resp: 200472
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.3 2.1 6.3

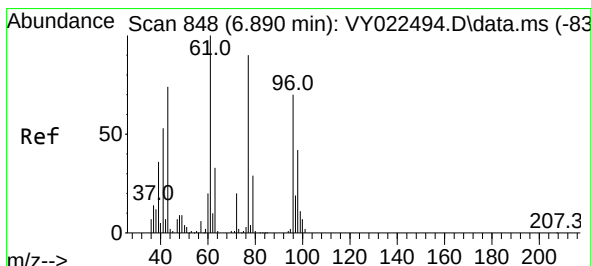
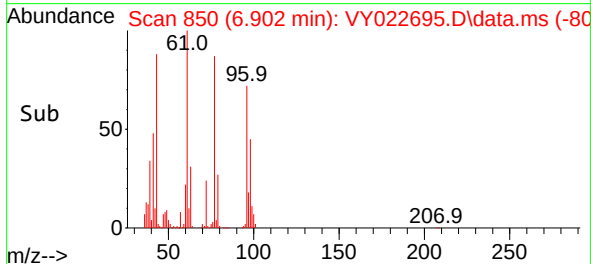
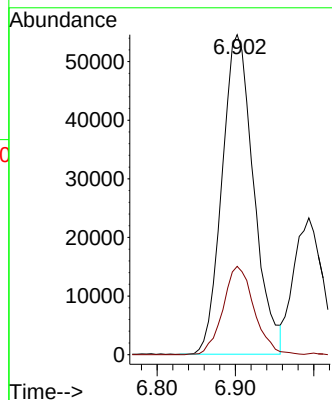
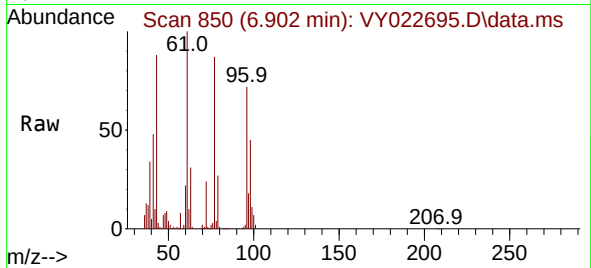




#25
2-Butanone
Concen: 267.970 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

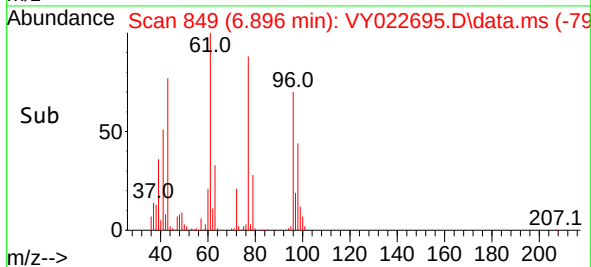
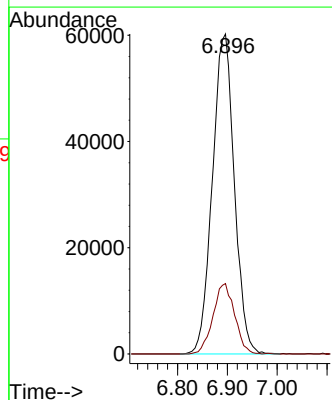
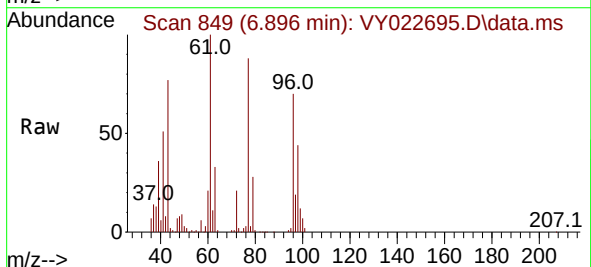
Instrument :
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ClientSampleId :
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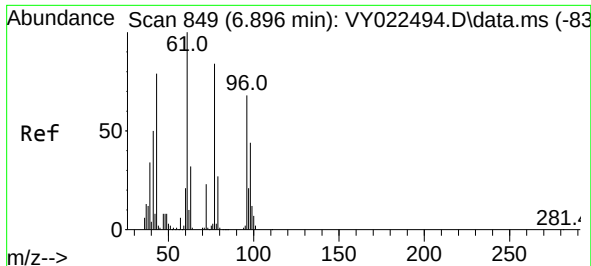
Tgt Ion: 43 Resp: 153107
Ion Ratio Lower Upper
43 100
72 27.6 22.9 34.3



#26
2,2-Dichloropropane
Concen: 55.325 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 77 Resp: 184026
Ion Ratio Lower Upper
77 100
97 21.7 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 52.525 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022695.D

Acq: 16 Jun 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

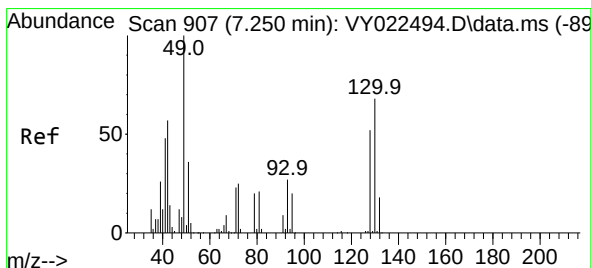
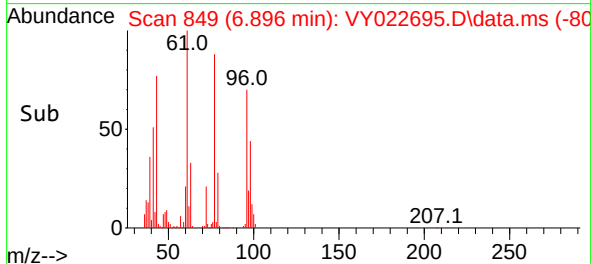
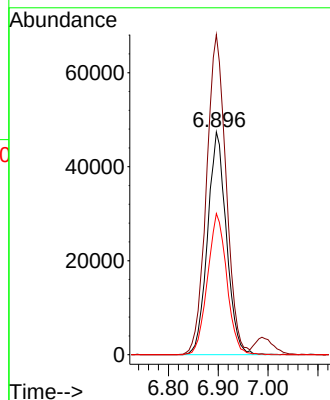
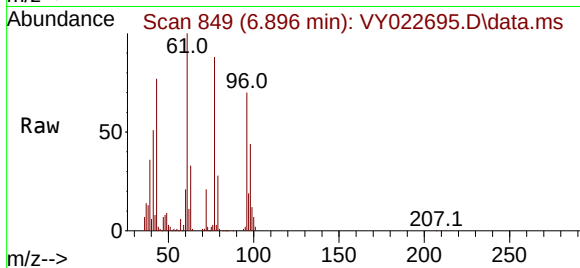
Tgt Ion: 96 Resp: 124259

Ion Ratio Lower Upper

96 100

61 149.9 0.0 290.0

98 64.8 0.0 128.4



#28

Bromochloromethane

Concen: 49.494 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY022695.D

Acq: 16 Jun 2025 08:31

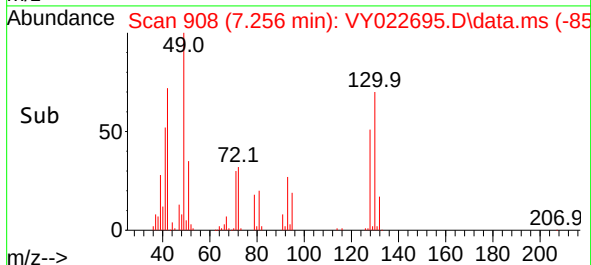
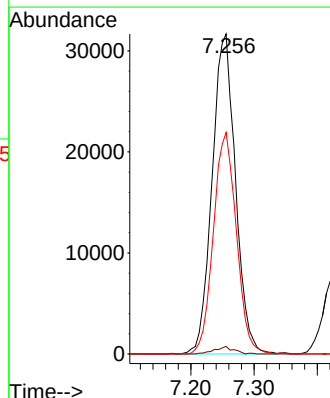
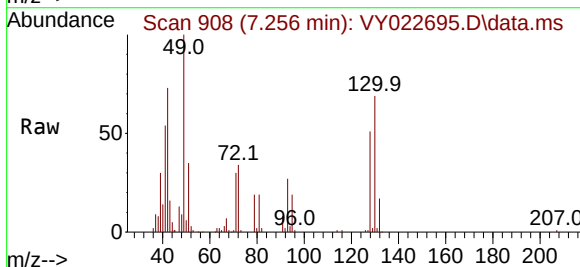
Tgt Ion: 49 Resp: 81221

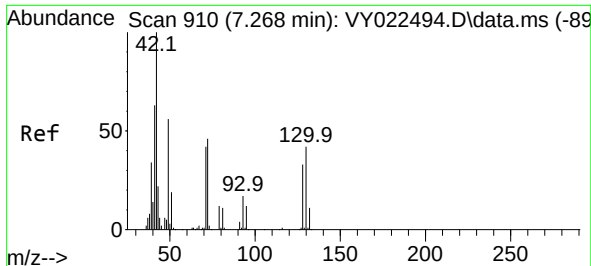
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

130 68.0 55.7 83.5





#29

Tetrahydrofuran

Concen: 243.169 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022695.D

Acq: 16 Jun 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

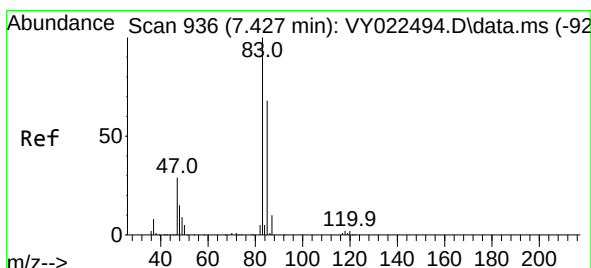
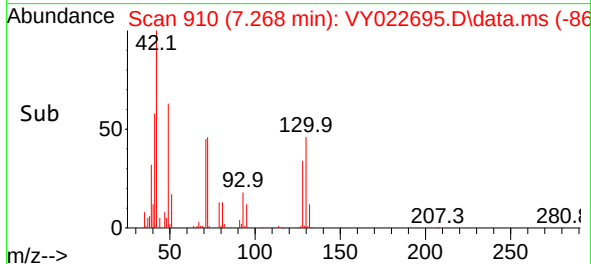
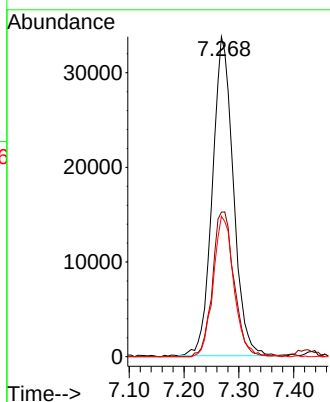
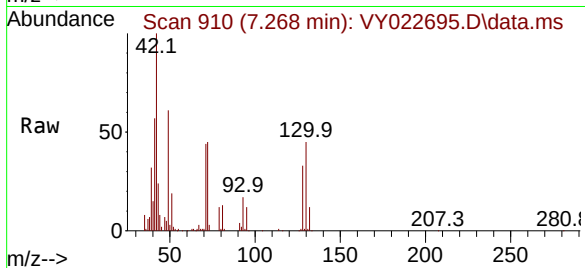
Tgt Ion: 42 Resp: 89610

Ion Ratio Lower Upper

42 100

72 46.7 37.4 56.2

71 43.2 34.2 51.2



#30

Chloroform

Concen: 53.568 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY022695.D

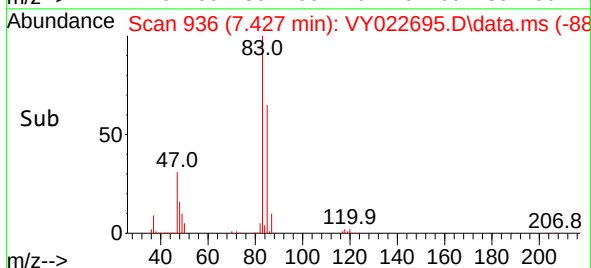
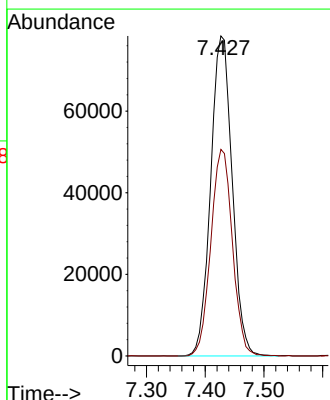
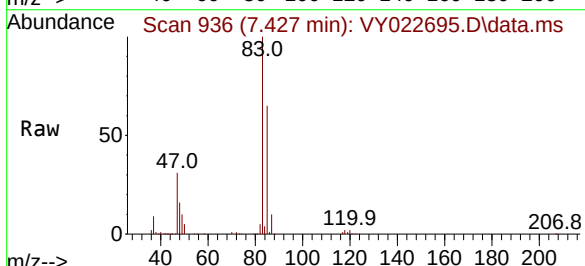
Acq: 16 Jun 2025 08:31

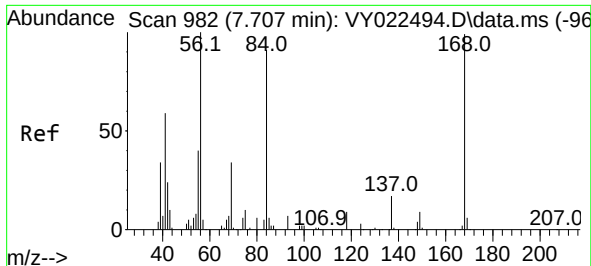
Tgt Ion: 83 Resp: 199747

Ion Ratio Lower Upper

83 100

85 64.5 54.2 81.4

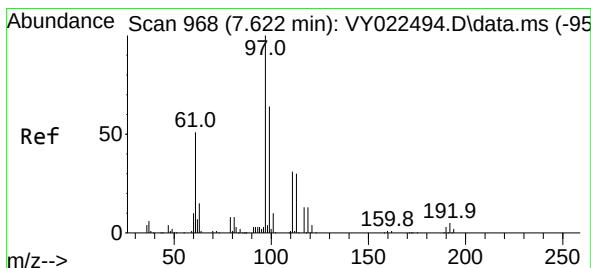
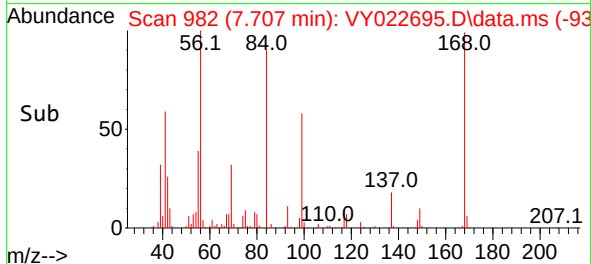
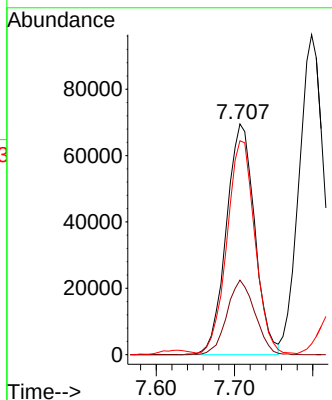
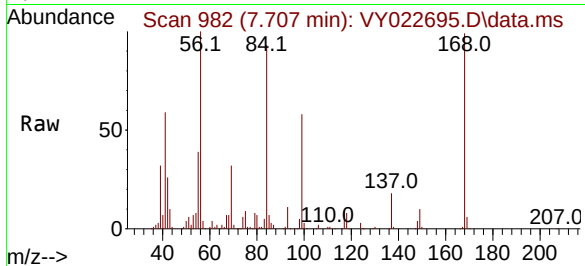




#31
Cyclohexane
Concen: 46.765 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

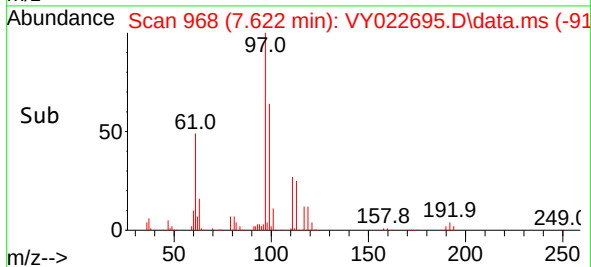
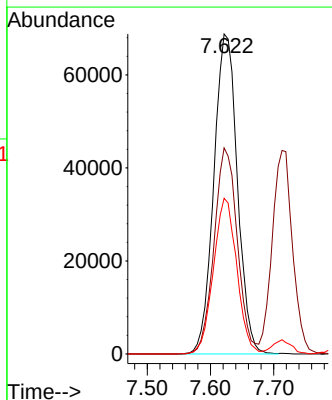
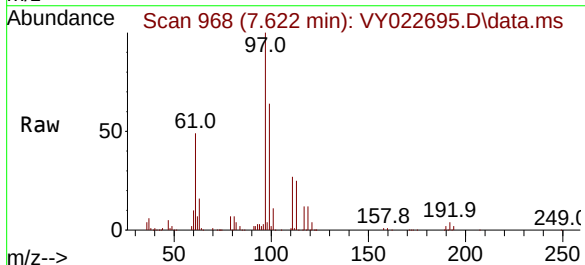
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

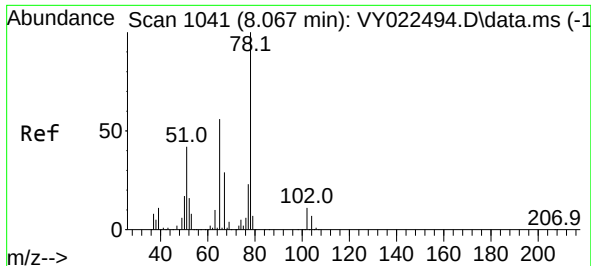
Tgt Ion: 56 Resp: 175269
Ion Ratio Lower Upper
56 100
69 32.3 27.0 40.6
84 90.8 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 53.742 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 97 Resp: 177894
Ion Ratio Lower Upper
97 100
99 63.8 50.9 76.3
61 48.2 38.5 57.7

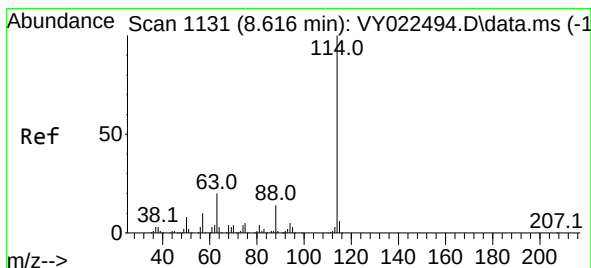
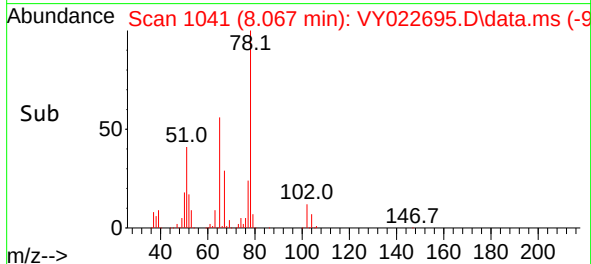
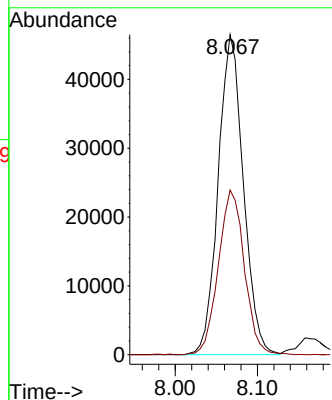
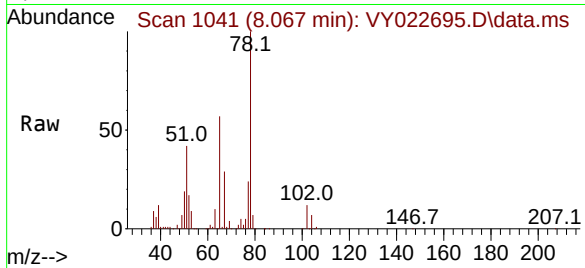




#33
 1,2-Dichloroethane-d4
 Concen: 50.716 ug/l
 RT: 8.067 min Scan# 110
 Delta R.T. -0.000 min
 Lab File: VY022695.D
 Acq: 16 Jun 2025 08:31

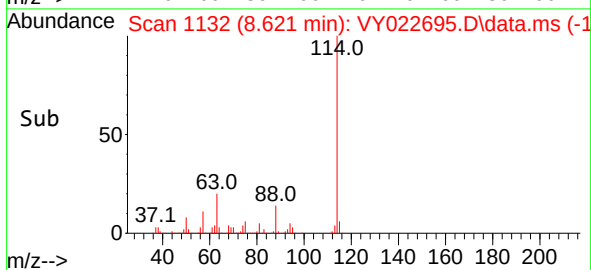
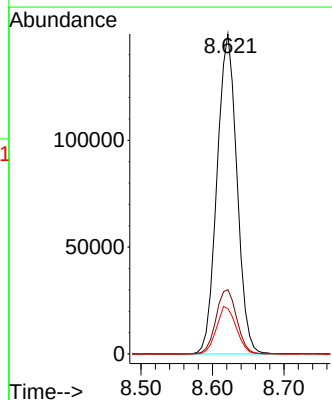
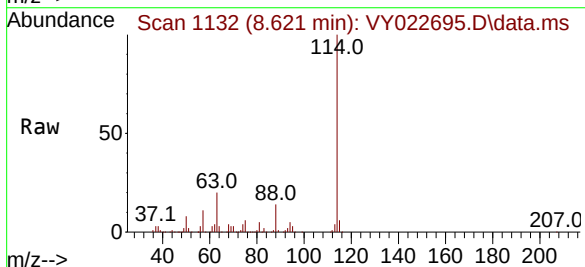
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

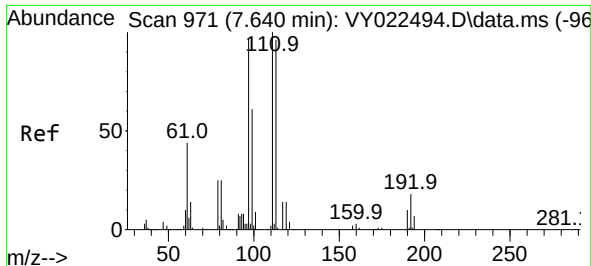
Tgt Ion: 65 Resp: 98919
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.621 min Scan# 1132
 Delta R.T. 0.006 min
 Lab File: VY022695.D
 Acq: 16 Jun 2025 08:31

Tgt Ion: 114 Resp: 289069
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 14.2 0.0 27.8

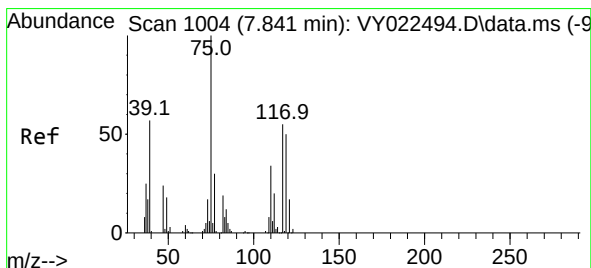
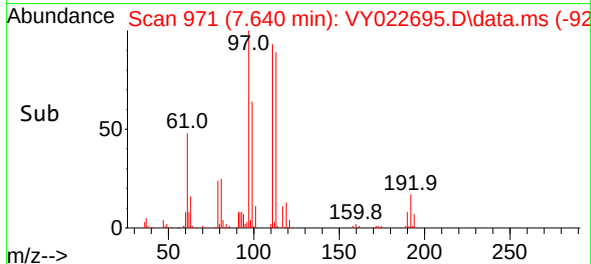
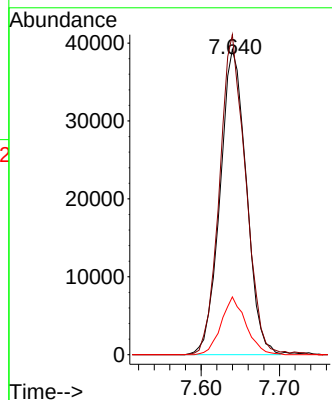
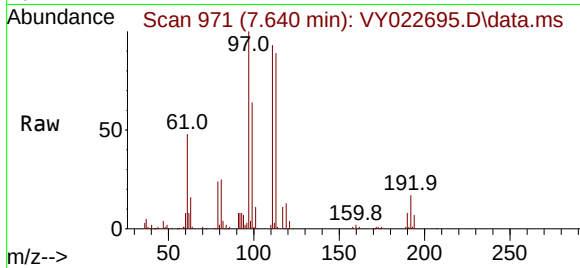




#35
Dibromofluoromethane
Concen: 53.004 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

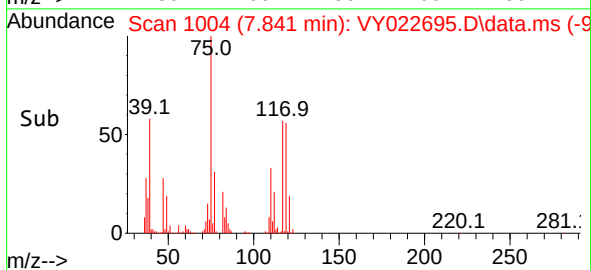
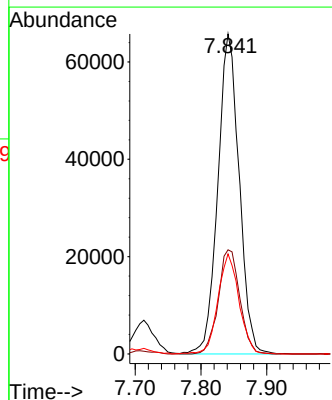
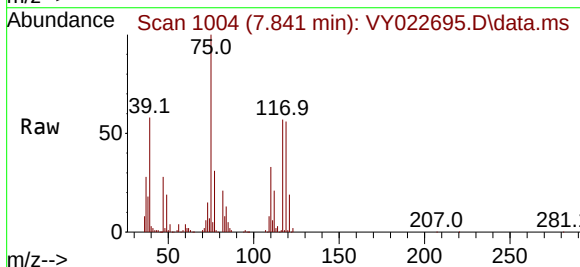
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

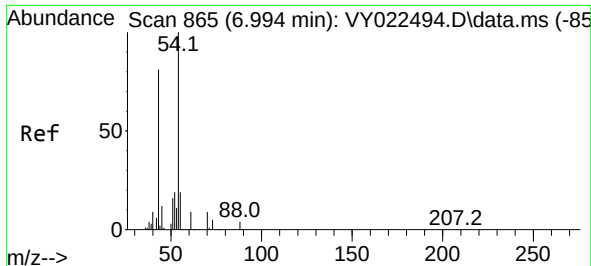
Tgt Ion:113 Resp: 91453
Ion Ratio Lower Upper
113 100
111 103.9 81.1 121.7
192 17.9 14.2 21.2



#36
1,1-Dichloropropene
Concen: 53.025 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 75 Resp: 148488
Ion Ratio Lower Upper
75 100
110 32.9 16.9 50.7
77 30.9 24.8 37.2

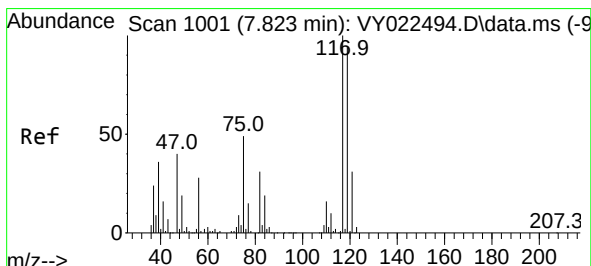
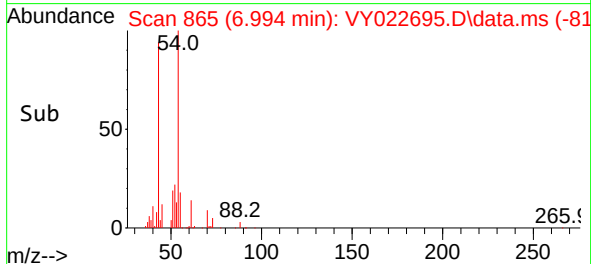
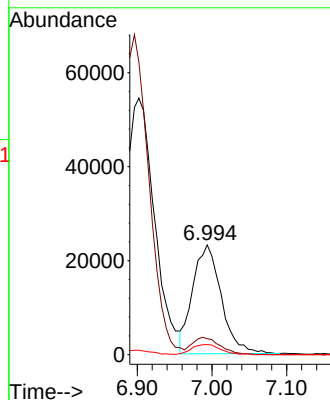
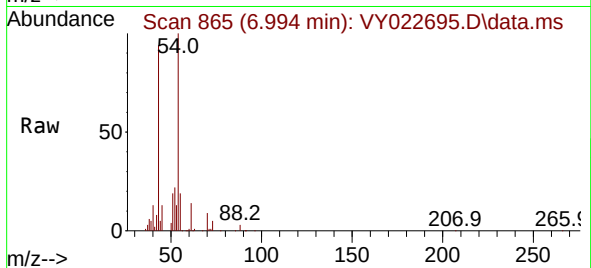




#37
Ethyl Acetate
Concen: 49.193 ug/l
RT: 6.994 min Scan# 865
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

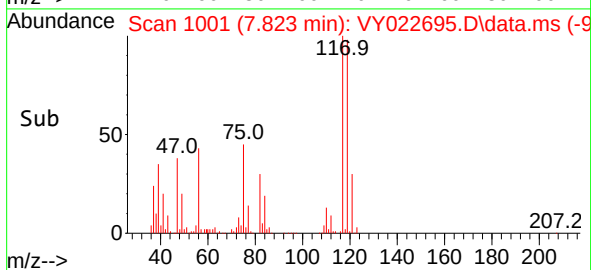
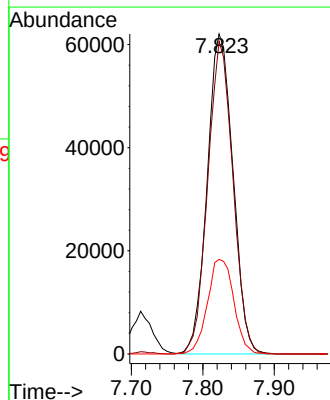
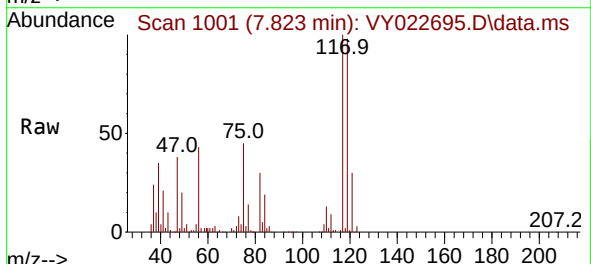
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

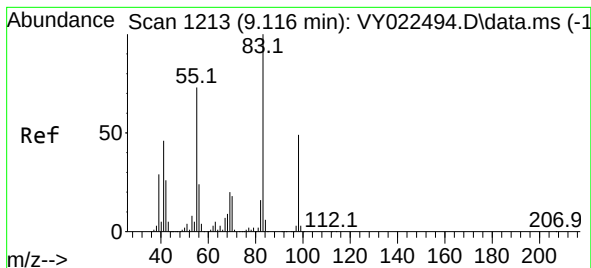
Tgt Ion: 43 Resp: 61433
Ion Ratio Lower Upper
43 100
61 15.4 11.5 17.3
70 9.5 7.2 10.8



#38
Carbon Tetrachloride
Concen: 54.143 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 117 Resp: 155538
Ion Ratio Lower Upper
117 100
119 97.8 75.0 112.6
121 29.5 25.0 37.4





#39

Methylcyclohexane

Concen: 50.734 ug/l

RT: 9.115 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022695.D

Acq: 16 Jun 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

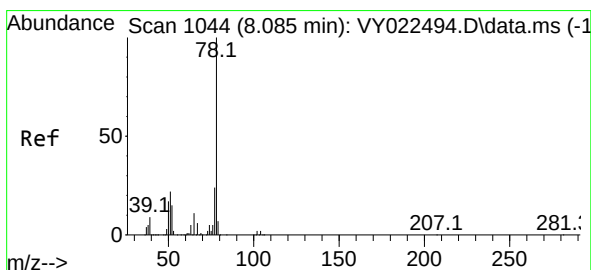
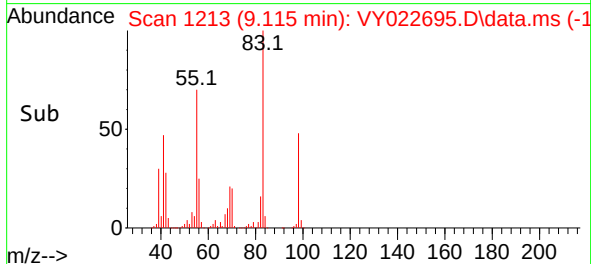
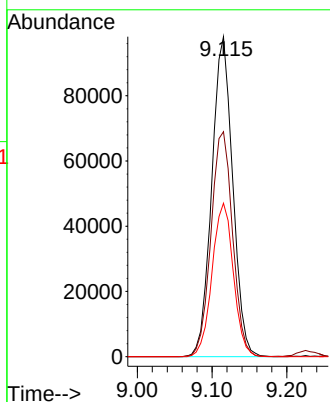
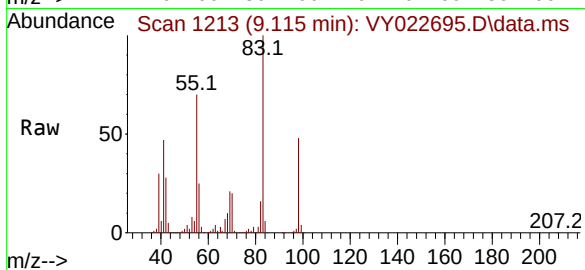
Tgt Ion: 83 Resp: 190922

Ion Ratio Lower Upper

83 100

55 70.3 58.1 87.1

98 48.0 39.0 58.6



#40

Benzene

Concen: 53.785 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY022695.D

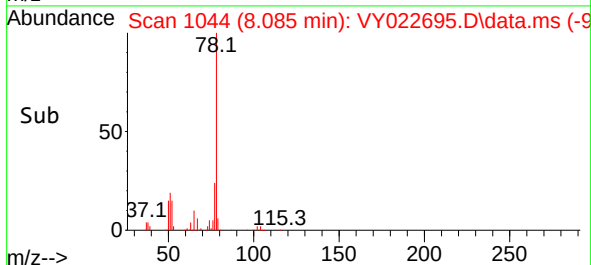
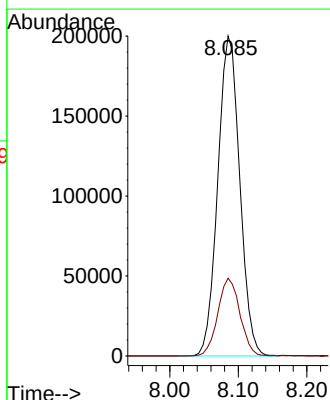
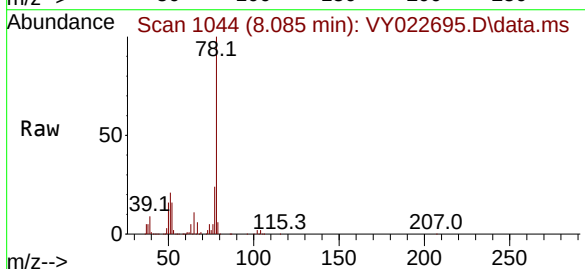
Acq: 16 Jun 2025 08:31

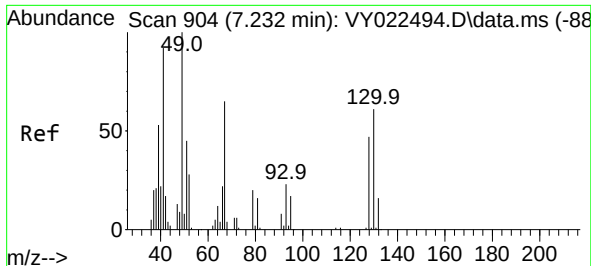
Tgt Ion: 78 Resp: 444852

Ion Ratio Lower Upper

78 100

77 24.3 19.3 28.9

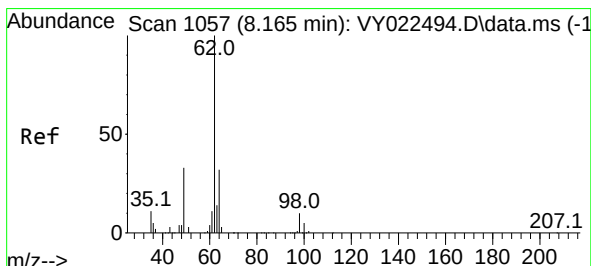
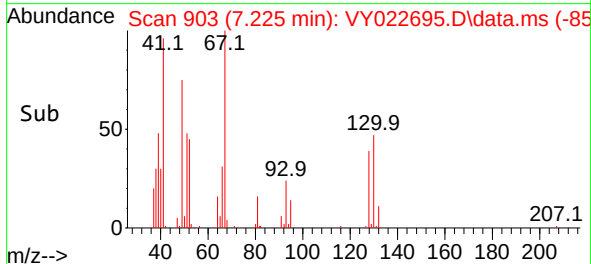
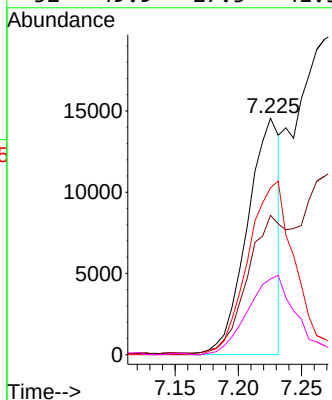
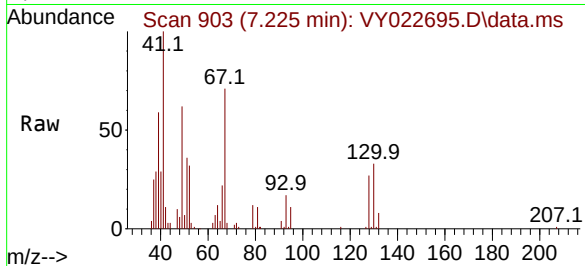




#41
Methacrylonitrile
Concen: 35.625 ug/l
RT: 7.225 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

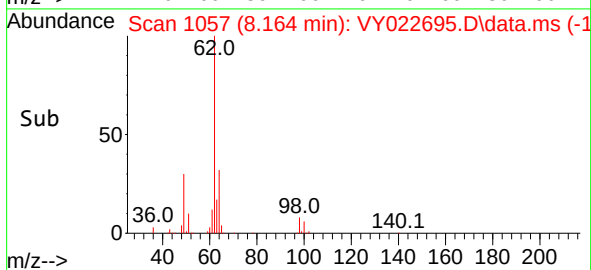
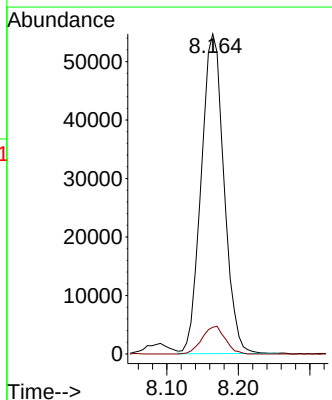
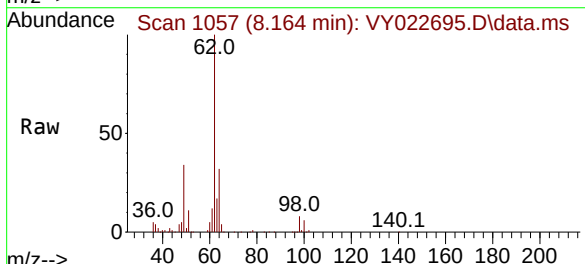
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

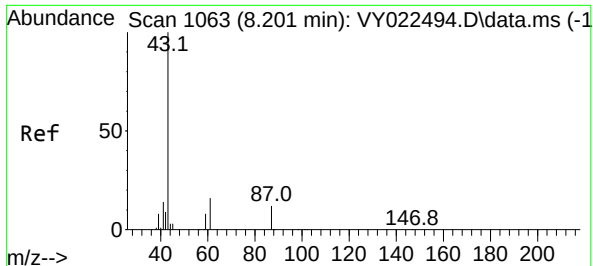
Tgt Ion: 41 Resp: 25986
Ion Ratio Lower Upper
41 100
39 68.9 46.6 69.8
67 106.6 63.3 94.9#
52 49.9 27.5 41.3#



#42
1,2-Dichloroethane
Concen: 53.518 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 62 Resp: 120862
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.2

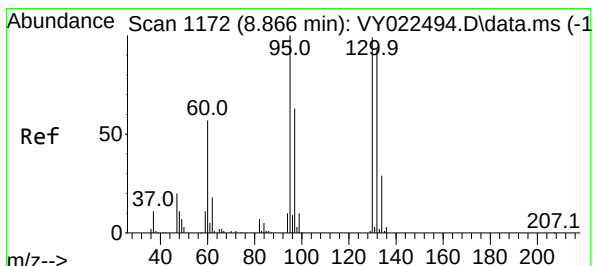
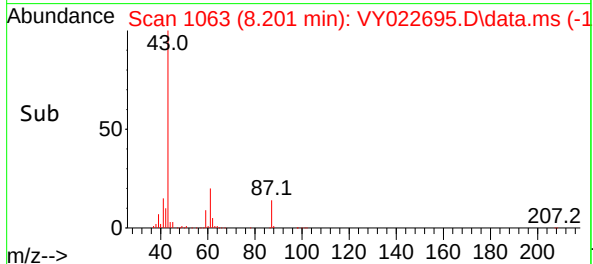
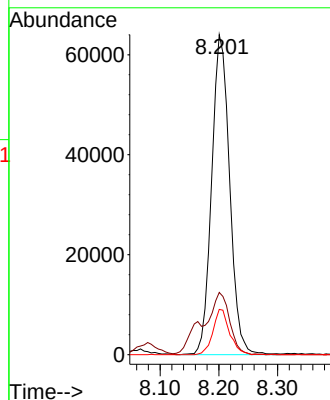
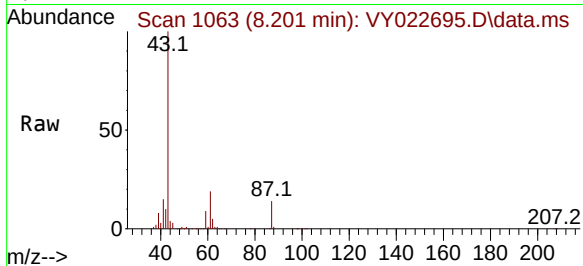




#43
Isopropyl Acetate
Concen: 50.490 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

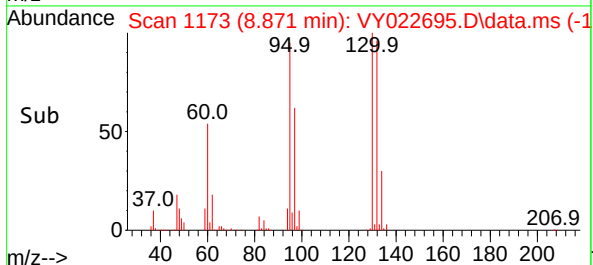
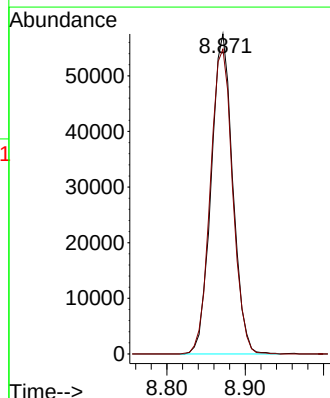
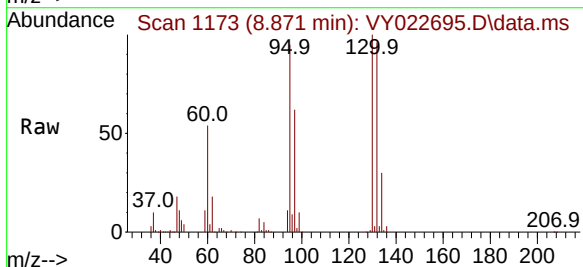
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

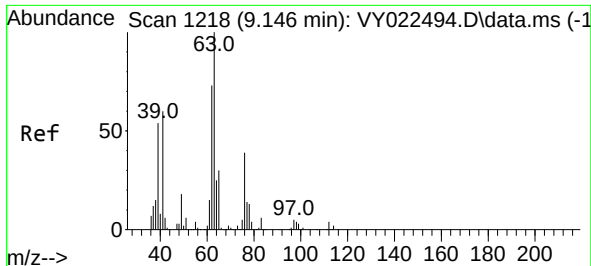
Tgt Ion: 43 Resp: 136175
Ion Ratio Lower Upper
43 100
61 19.9 15.6 23.4
87 13.1 10.2 15.4



#44
Trichloroethene
Concen: 54.378 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion:130 Resp: 109923
Ion Ratio Lower Upper
130 100
95 95.2 0.0 203.0





#45

1,2-Dichloropropane

Concen: 54.586 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY022695.D

Acq: 16 Jun 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

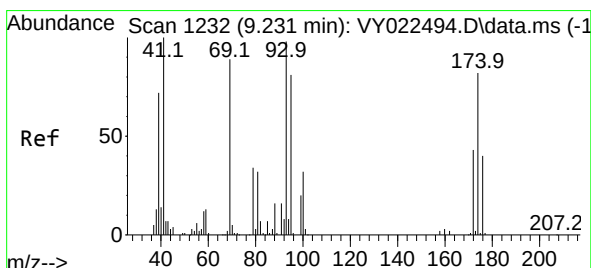
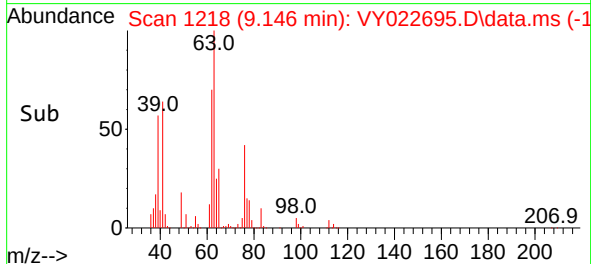
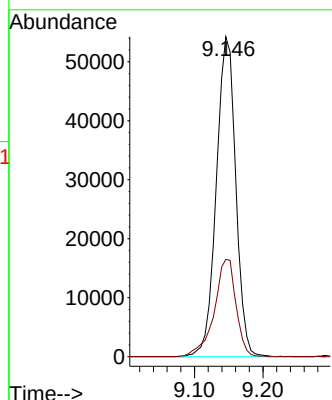
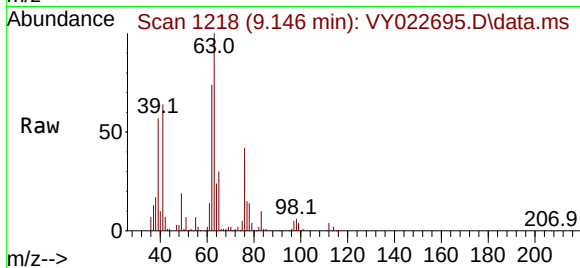
VSTDCCC050

Tgt Ion: 63 Resp: 106699

Ion Ratio Lower Upper

63 100

65 30.2 24.0 36.0



#46

Dibromomethane

Concen: 51.221 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022695.D

Acq: 16 Jun 2025 08:31

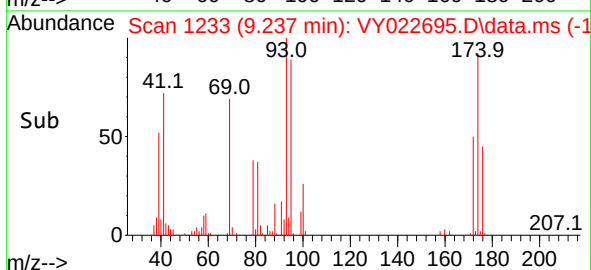
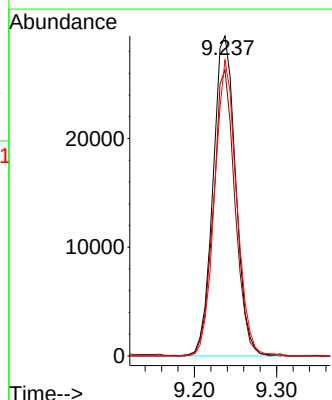
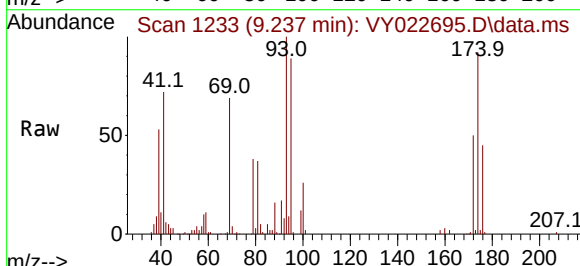
Tgt Ion: 93 Resp: 56327

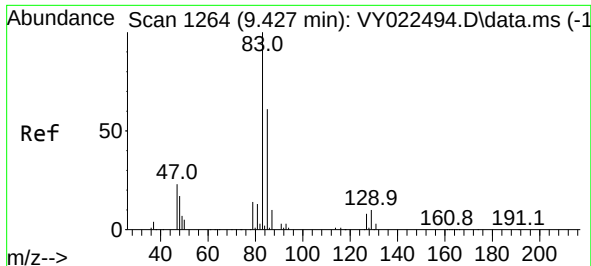
Ion Ratio Lower Upper

93 100

95 85.5 65.6 98.4

174 90.0 70.4 105.6

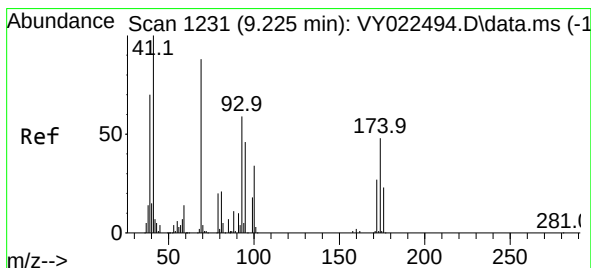
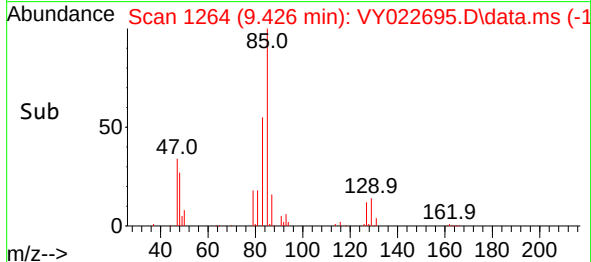
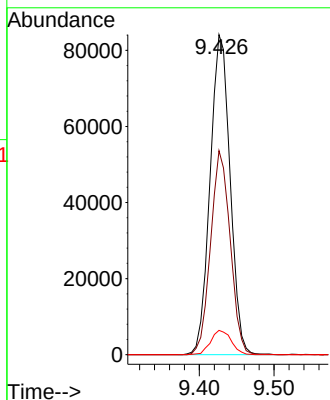
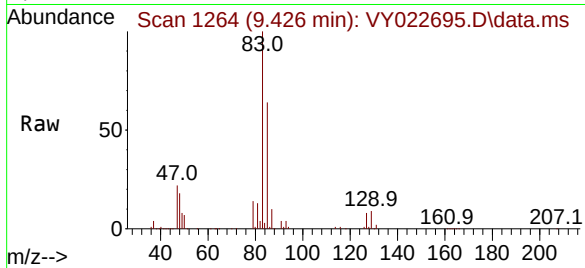




#47
Bromodichloromethane
Concen: 56.070 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

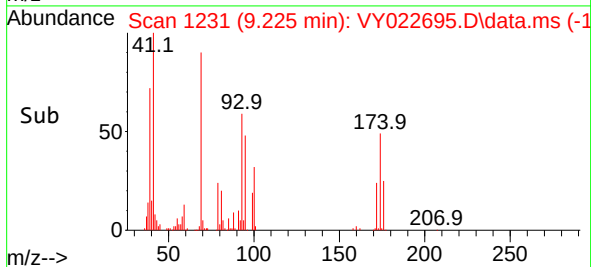
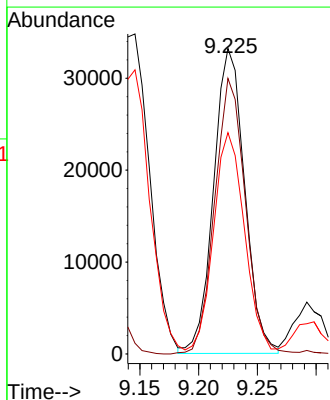
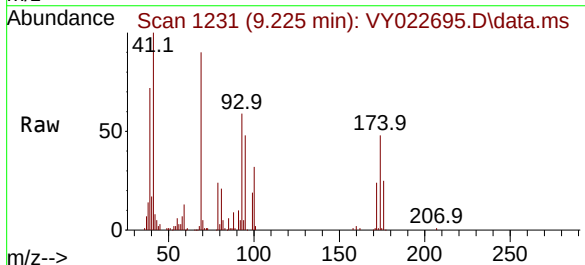
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

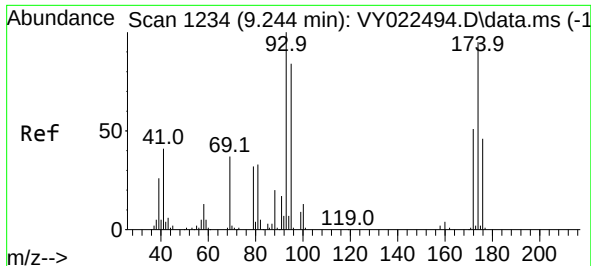
Tgt Ion: 83 Resp: 156346
Ion Ratio Lower Upper
83 100
85 63.8 49.1 73.7
127 7.6 6.2 9.4



#48
Methyl methacrylate
Concen: 48.272 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 41 Resp: 61103
Ion Ratio Lower Upper
41 100
69 89.0 67.8 101.8
39 70.2 55.0 82.4

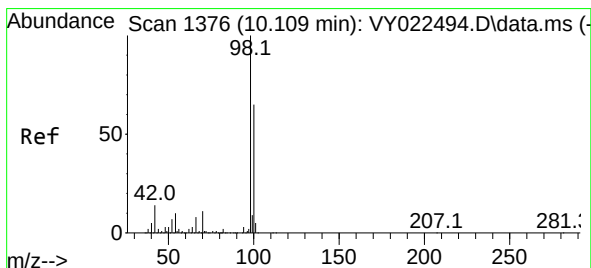
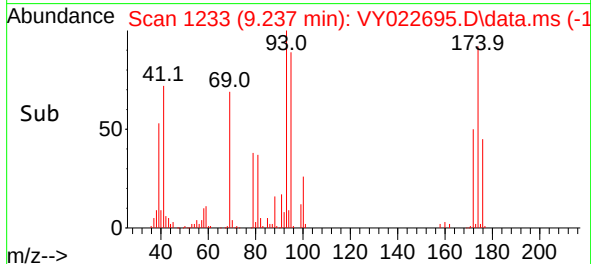
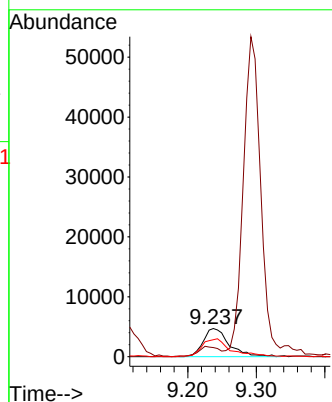
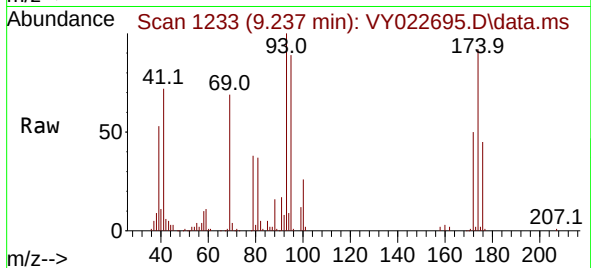




#49
1,4-Dioxane
Concen: 953.015 ug/l
RT: 9.237 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

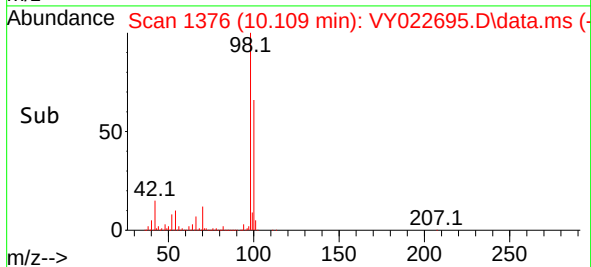
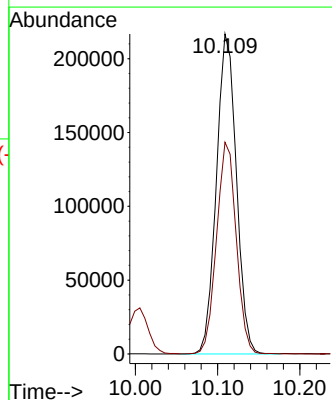
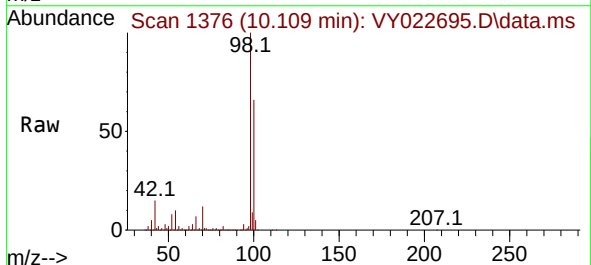
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

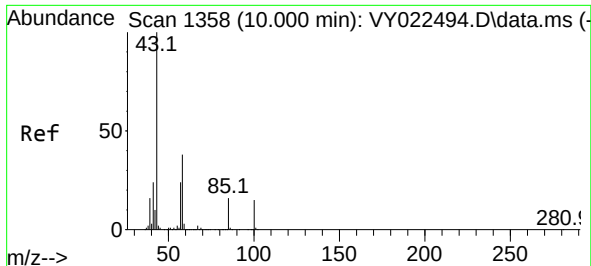
Tgt Ion: 88 Resp: 12416
Ion Ratio Lower Upper
88 100
43 29.0 25.4 38.2
58 71.0 54.9 82.3



#50
Toluene-d8
Concen: 52.532 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 98 Resp: 366240
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0

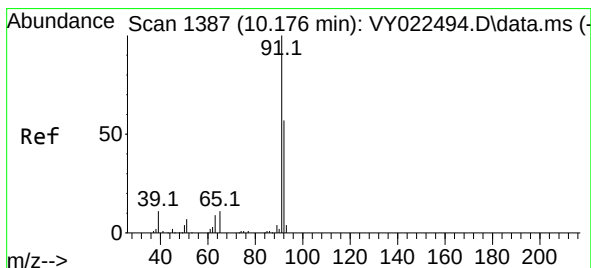
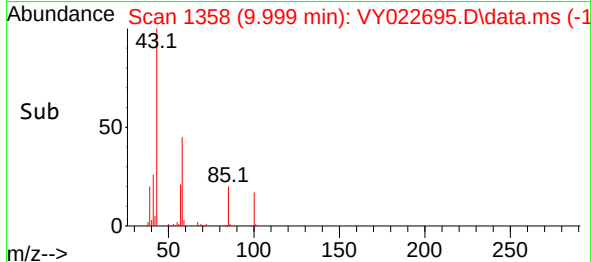
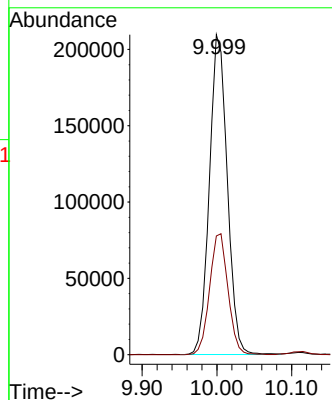
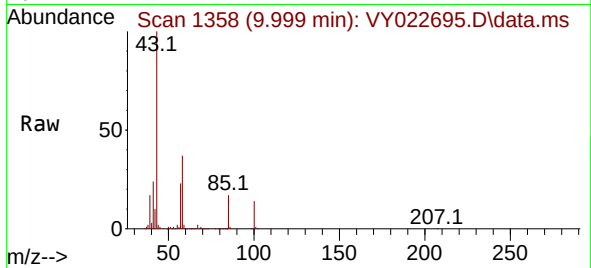




#51
4-Methyl-2-Pentanone
Concen: 259.021 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

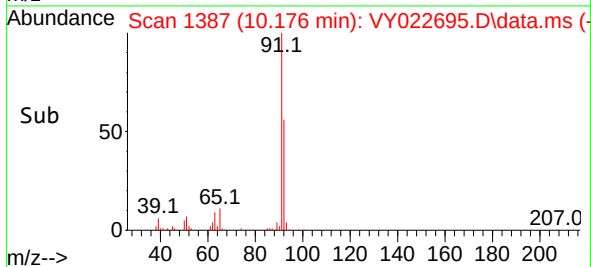
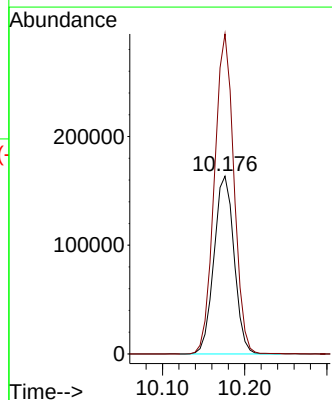
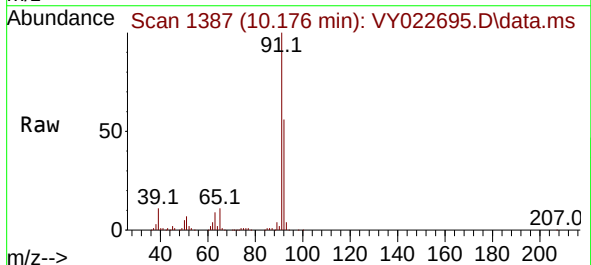
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

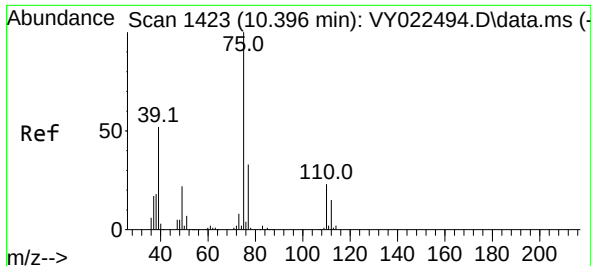
Tgt Ion: 43 Resp: 348299
Ion Ratio Lower Upper
43 100
58 38.9 30.4 45.6



#52
Toluene
Concen: 53.455 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 92 Resp: 277847
Ion Ratio Lower Upper
92 100
91 175.0 139.0 208.4

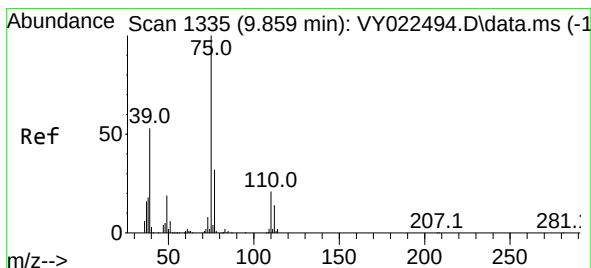
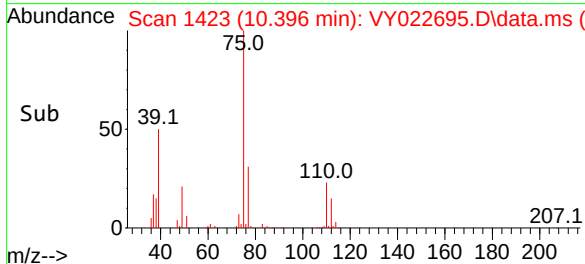
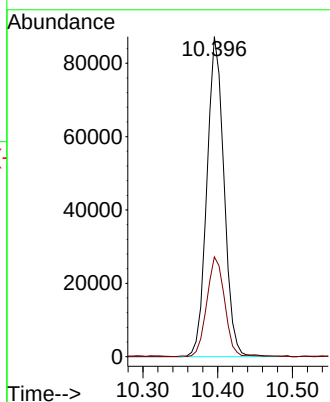
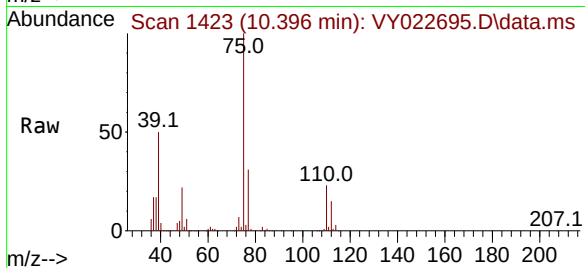




#53
t-1,3-Dichloropropene
Concen: 53.075 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

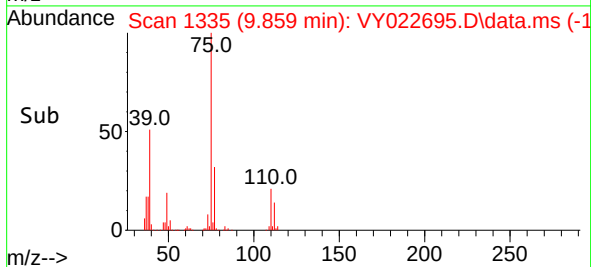
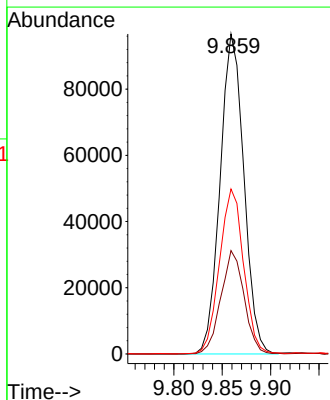
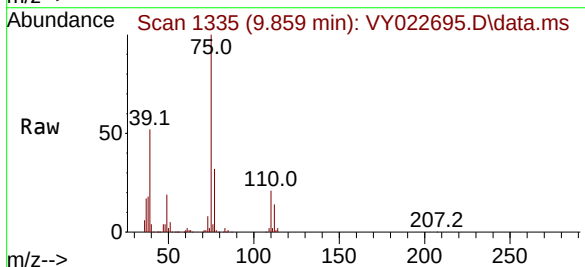
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

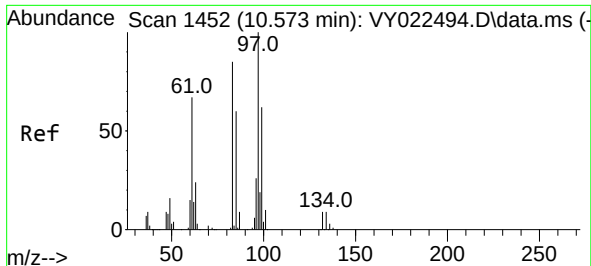
Tgt Ion: 75 Resp: 138667
Ion Ratio Lower Upper
75 100
77 31.1 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 54.182 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 75 Resp: 164783
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
39 51.5 42.7 64.1

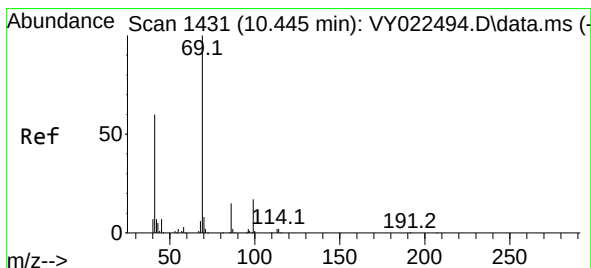
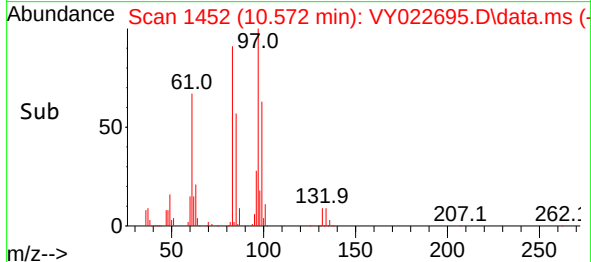
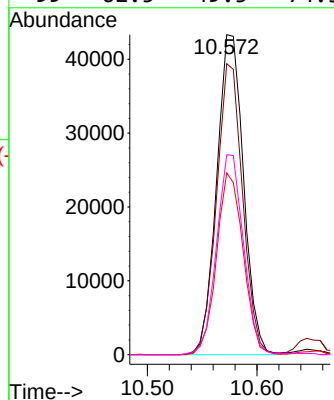
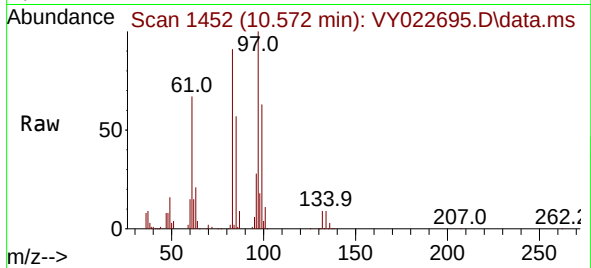




#55
1,1,2-Trichloroethane
Concen: 52.659 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

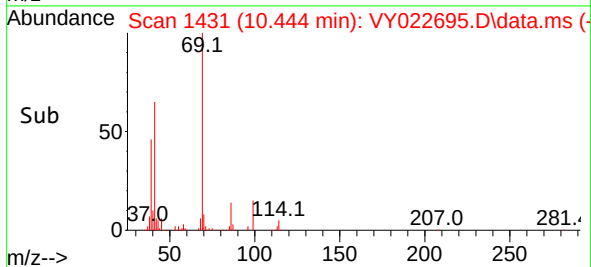
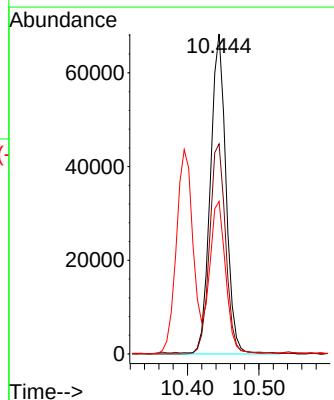
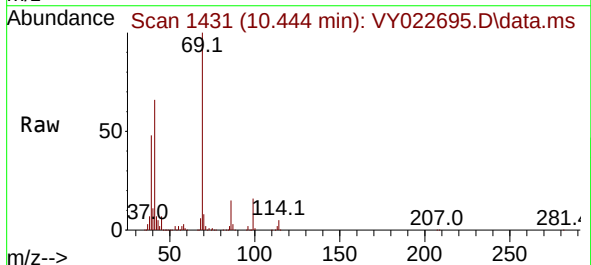
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

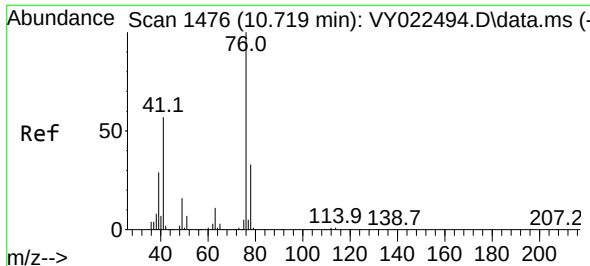
Tgt Ion: 97	Resp: 73841
Ion Ratio	Lower Upper
97 100	
83 91.0	68.1 102.1
85 56.8	48.2 72.2
99 62.5	49.5 74.3



#56
Ethyl methacrylate
Concen: 51.277 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 69	Resp: 103924		
Ion Ratio	Lower	Upper	
69 100			
41 66.3	52.2	78.2	
39 48.1	36.7	55.1	





#57

1,3-Dichloropropane

Concen: 53.110 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022695.D

Acq: 16 Jun 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

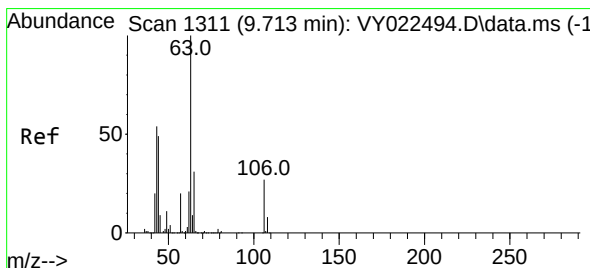
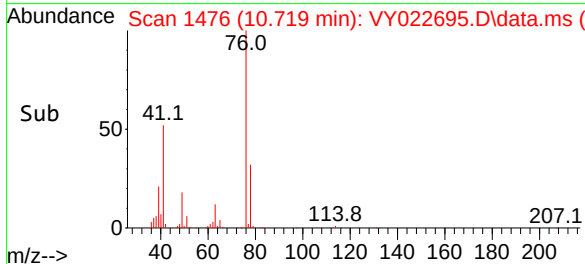
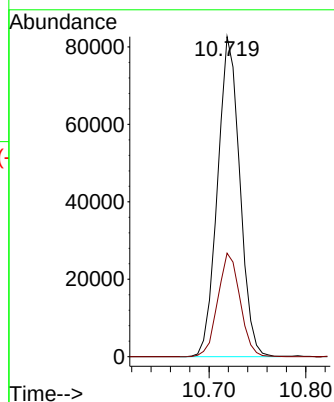
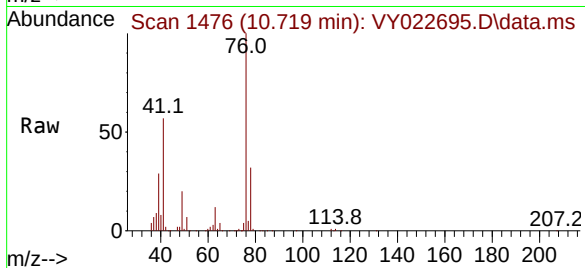
VSTDCCC050

Tgt Ion: 76 Resp: 131996

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 280.349 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022695.D

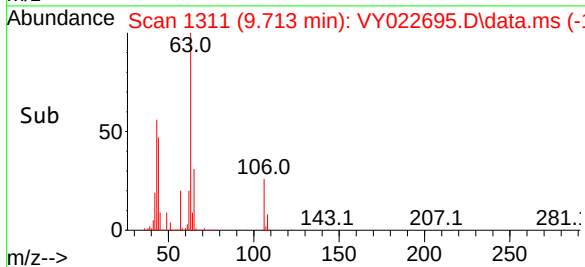
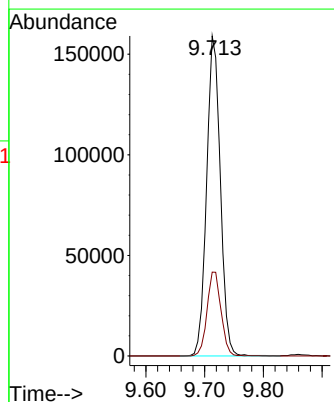
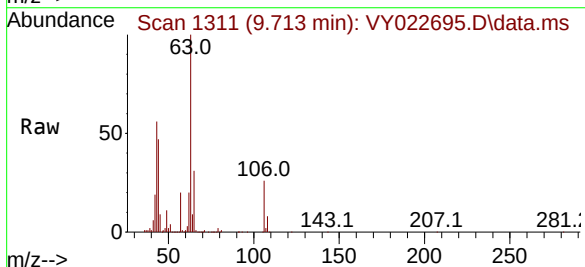
Acq: 16 Jun 2025 08:31

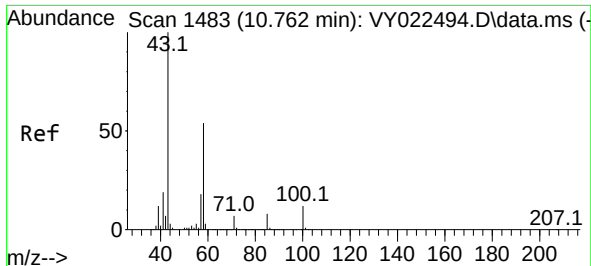
Tgt Ion: 63 Resp: 257969

Ion Ratio Lower Upper

63 100

106 26.7 21.6 32.4

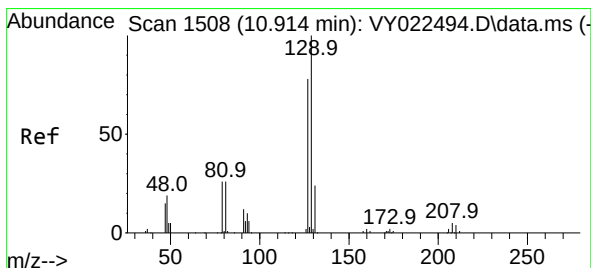
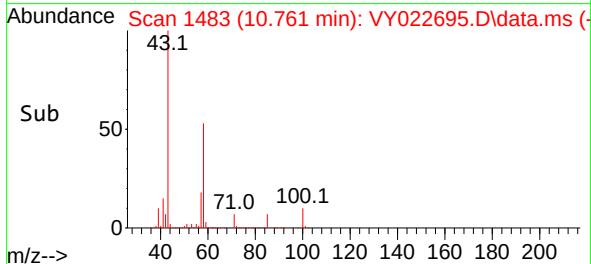
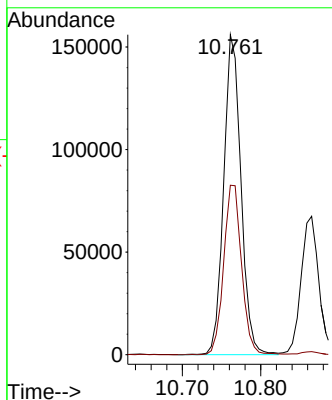
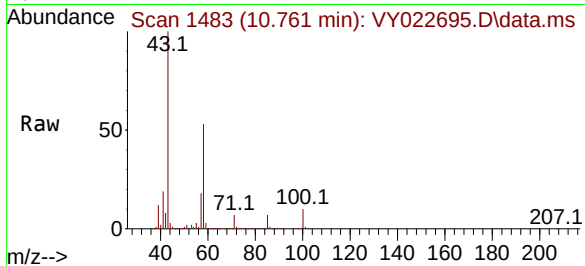




#59
2-Hexanone
Concen: 265.800 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

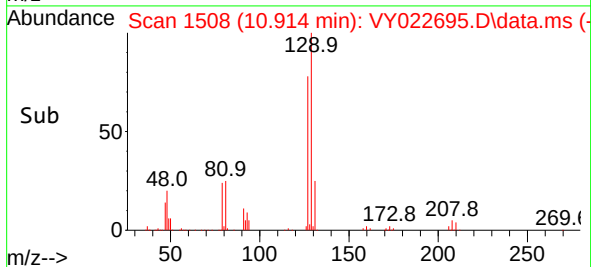
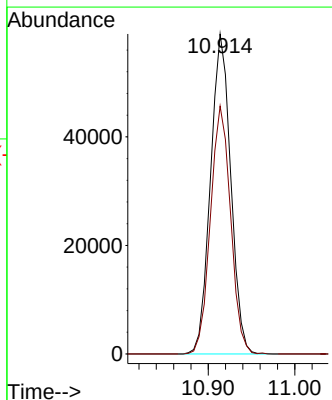
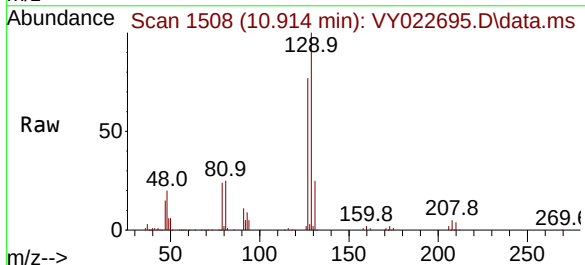
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

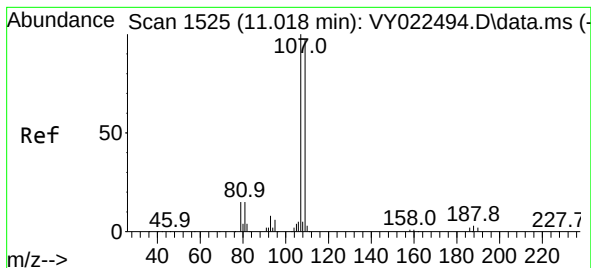
Tgt Ion: 43 Resp: 239036
Ion Ratio Lower Upper
43 100
58 55.0 27.3 81.8



#60
Dibromochloromethane
Concen: 53.703 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion:129 Resp: 95700
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2

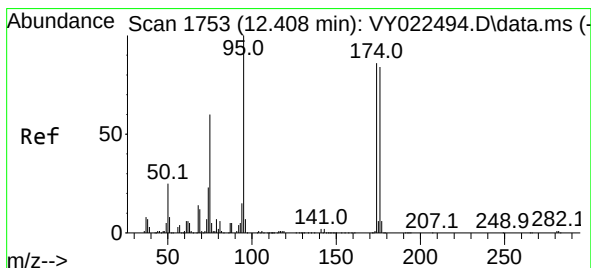
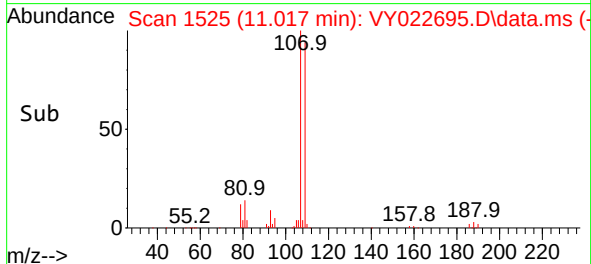
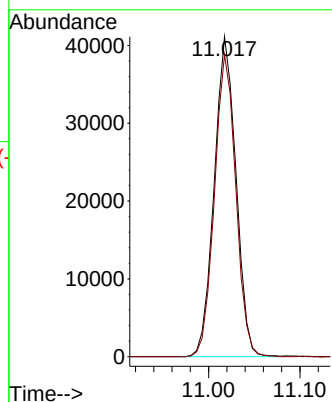
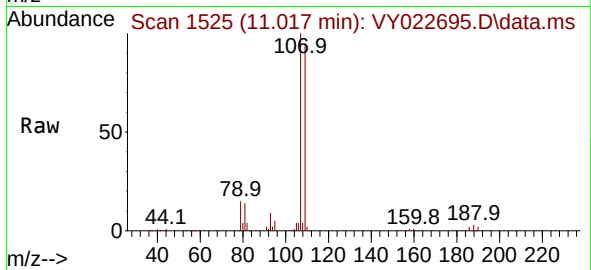




#61
1,2-Dibromoethane
Concen: 53.207 ug/l
RT: 11.017 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

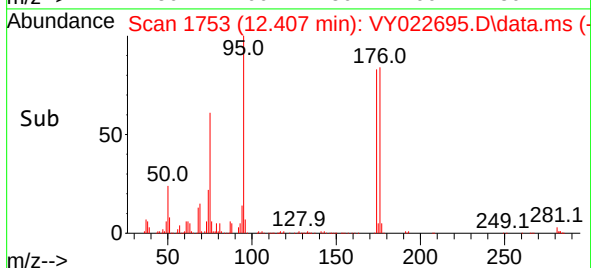
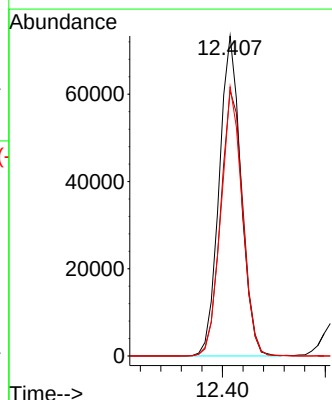
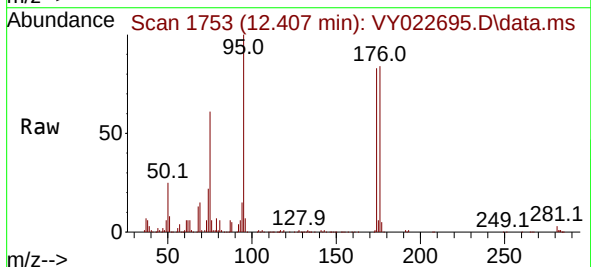
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

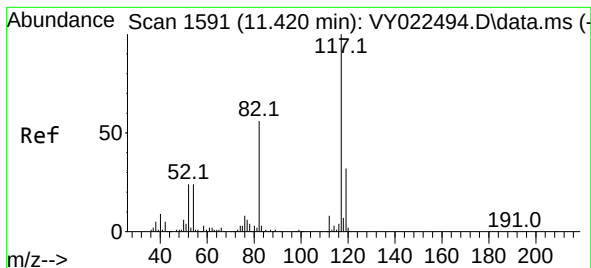
Tgt Ion:107 Resp: 68002
Ion Ratio Lower Upper
107 100
109 92.6 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 51.786 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 95 Resp: 107571
Ion Ratio Lower Upper
95 100
174 85.3 0.0 170.0
176 82.5 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022695.D

Acq: 16 Jun 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

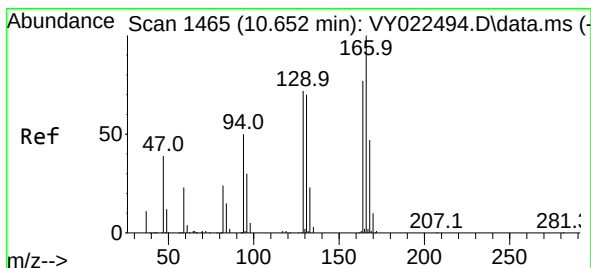
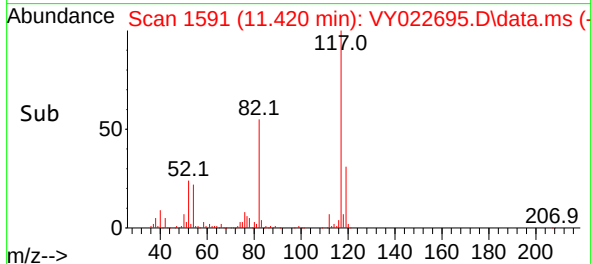
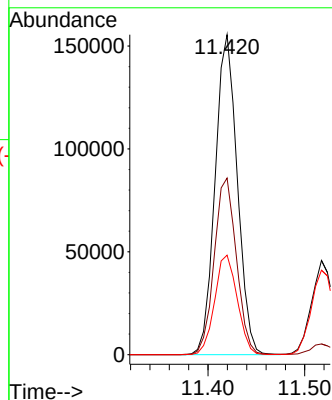
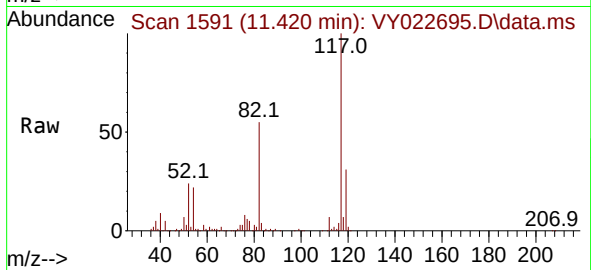
Tgt Ion:117 Resp: 247096

Ion Ratio Lower Upper

117 100

82 55.2 44.6 66.8

119 31.1 25.4 38.0



#64

Tetrachloroethene

Concen: 59.140 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY022695.D

Acq: 16 Jun 2025 08:31

Tgt Ion:164 Resp: 125705

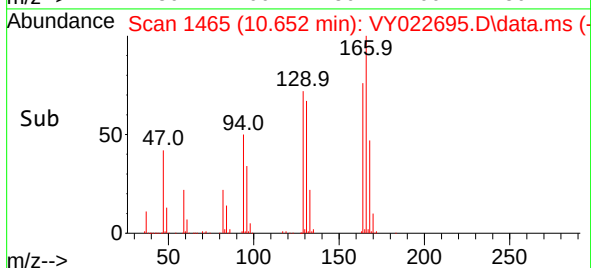
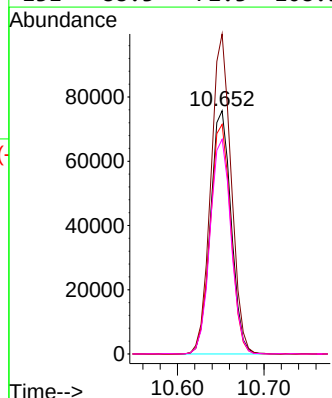
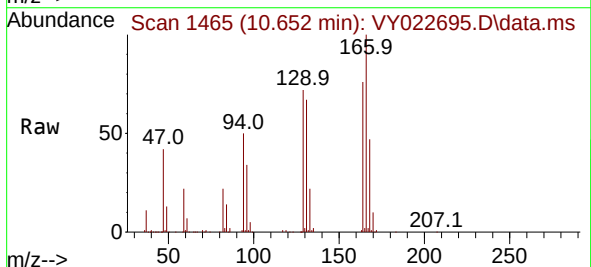
Ion Ratio Lower Upper

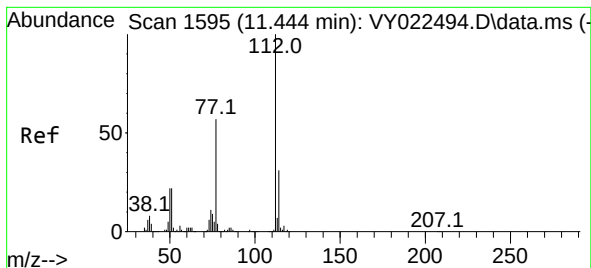
164 100

166 131.6 104.0 156.0

129 94.5 74.5 111.7

131 88.3 72.3 108.5

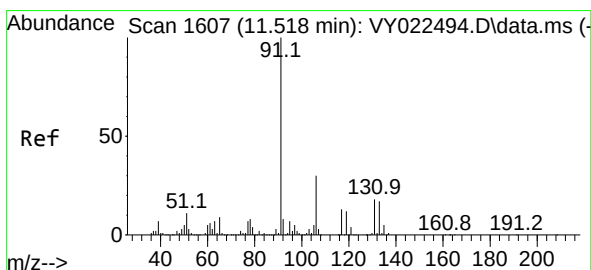
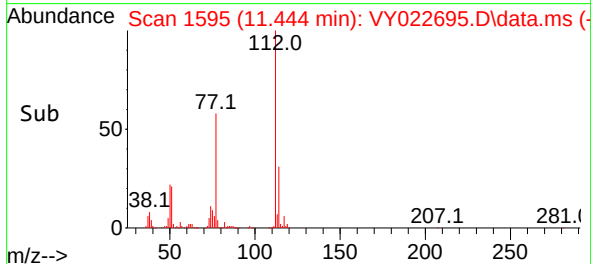
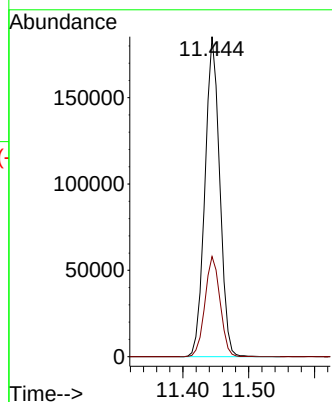
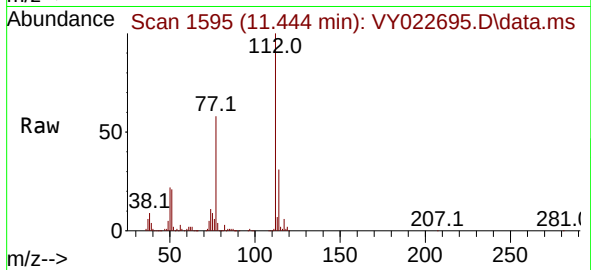




#65
Chlorobenzene
Concen: 52.982 ug/l
RT: 11.444 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

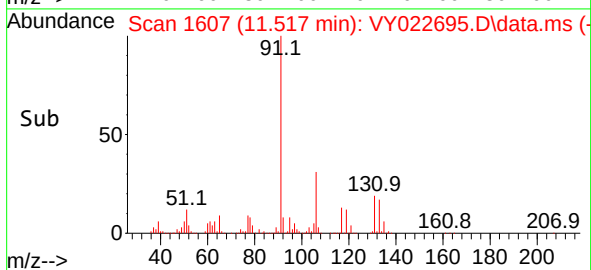
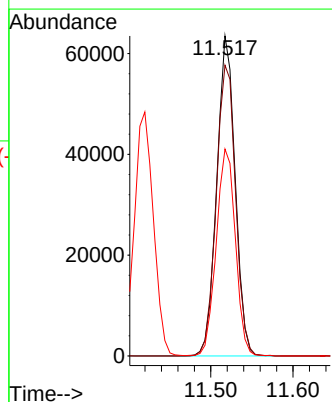
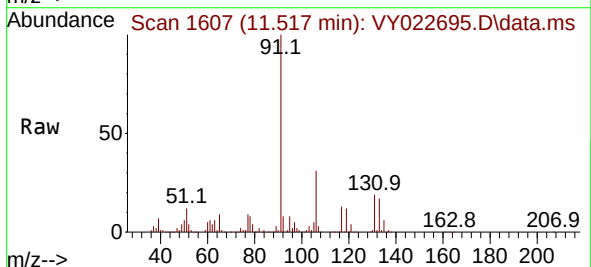
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

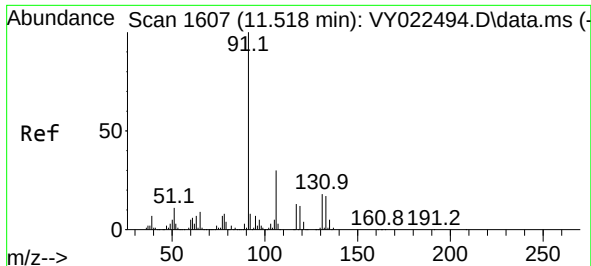
Tgt Ion:112 Resp: 289700
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.599 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion:131 Resp: 98730
Ion Ratio Lower Upper
131 100
133 95.8 47.3 141.8
119 67.4 33.1 99.3





#67

Ethyl Benzene

Concen: 53.780 ug/l

RT: 11.523 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022695.D

Acq: 16 Jun 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

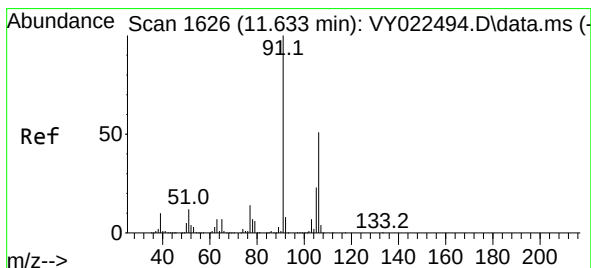
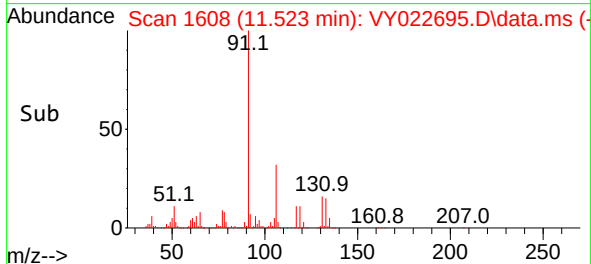
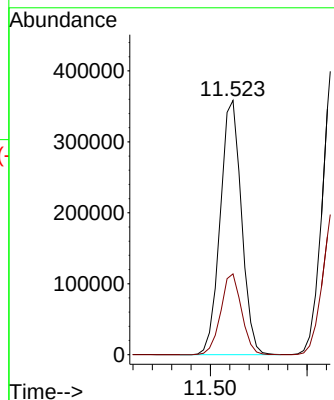
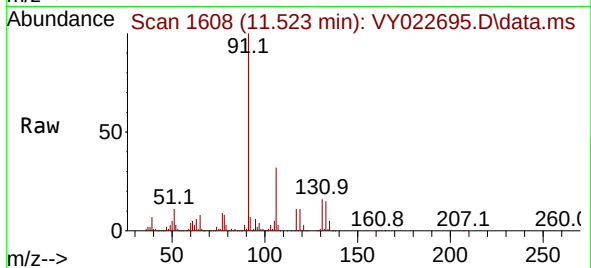
VSTDCCC050

Tgt Ion: 91 Resp: 545428

Ion Ratio Lower Upper

91 100

106 31.8 24.2 36.4



#68

m/p-Xylenes

Concen: 107.748 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY022695.D

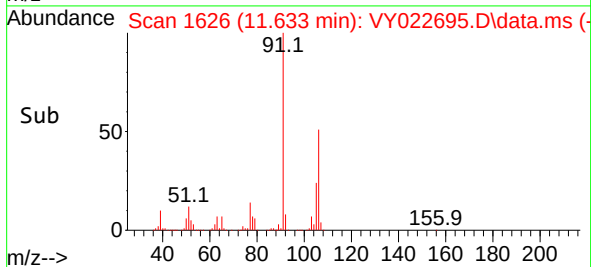
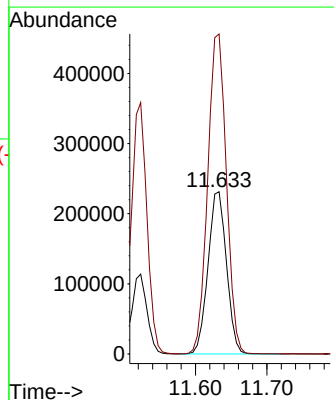
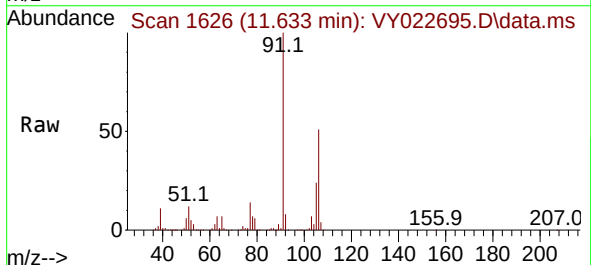
Acq: 16 Jun 2025 08:31

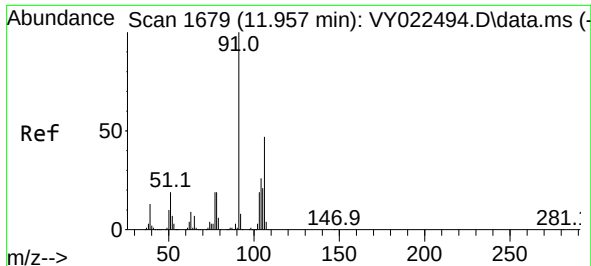
Tgt Ion:106 Resp: 414254

Ion Ratio Lower Upper

106 100

91 199.3 159.4 239.0

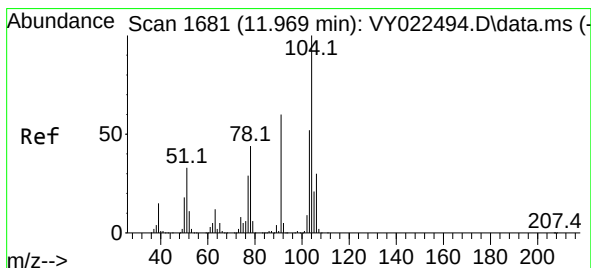
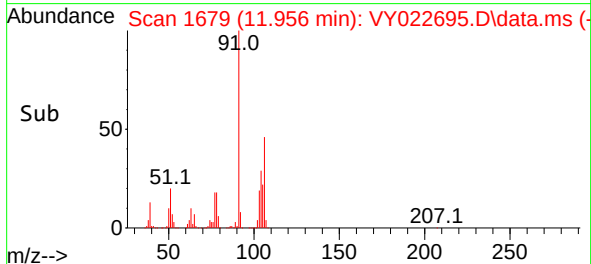
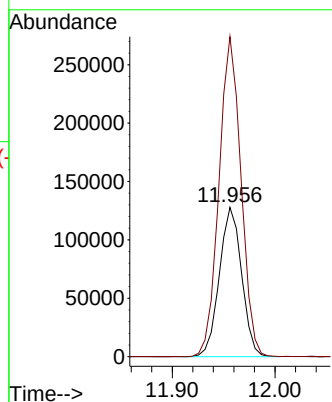
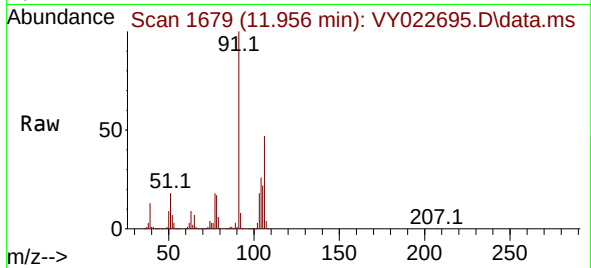




#69
o-Xylene
Concen: 53.302 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

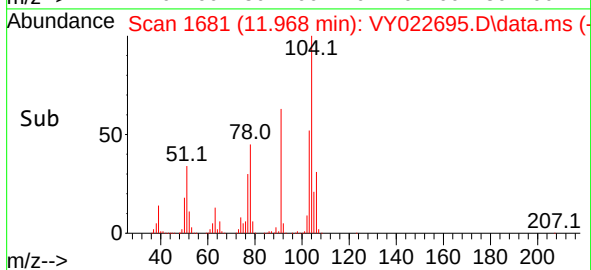
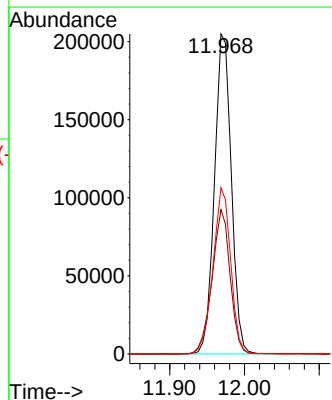
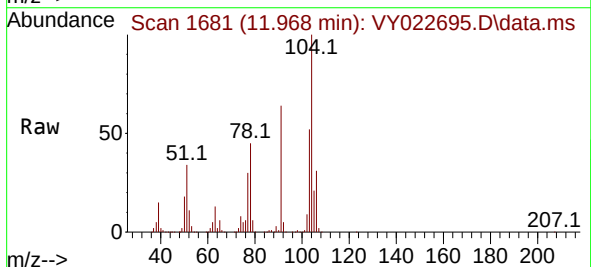
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

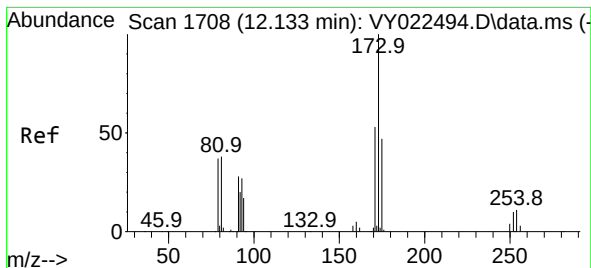
Tgt Ion:106 Resp: 192134
Ion Ratio Lower Upper
106 100
91 212.3 105.8 317.3



#70
Styrene
Concen: 53.948 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion:104 Resp: 321446
Ion Ratio Lower Upper
104 100
78 48.5 39.5 59.3
103 54.8 44.1 66.1





#71

Bromoform

Concen: 53.026 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022695.D

Acq: 16 Jun 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

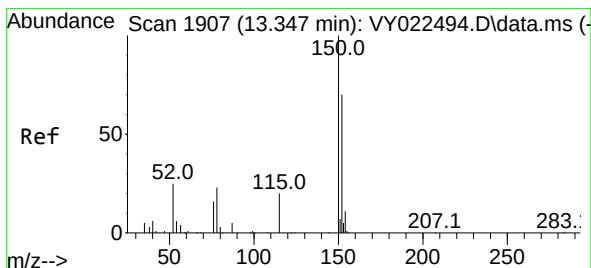
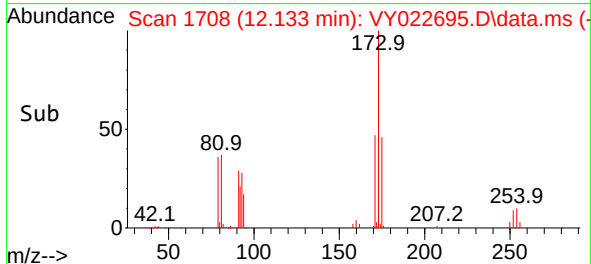
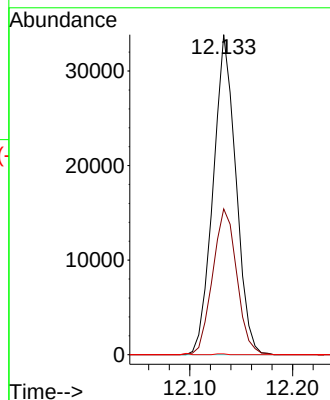
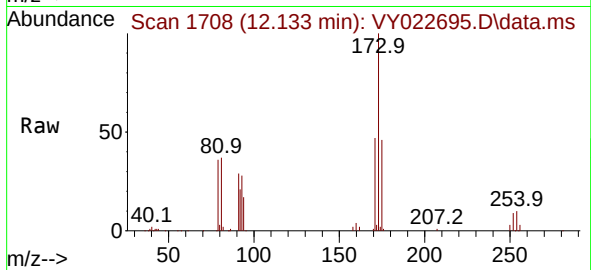
Tgt Ion:173 Resp: 51977

Ion Ratio Lower Upper

173 100

175 48.3 23.8 71.5

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022695.D

Acq: 16 Jun 2025 08:31

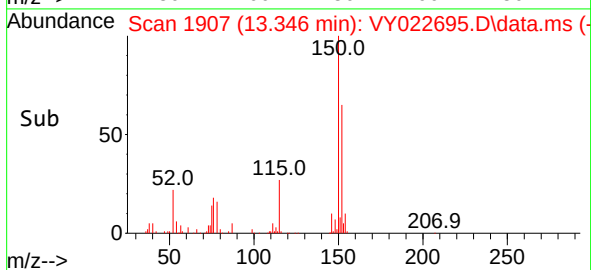
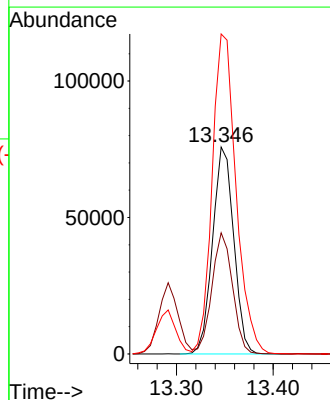
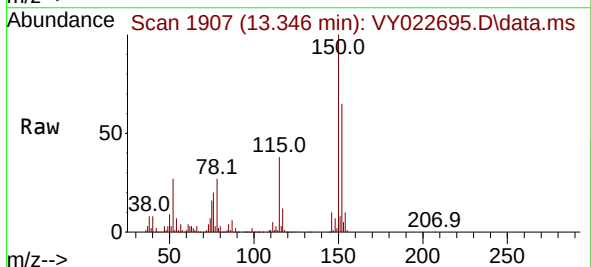
Tgt Ion:152 Resp: 115228

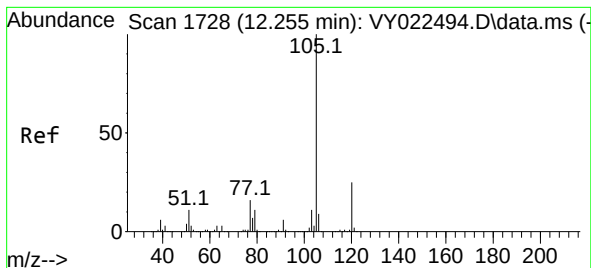
Ion Ratio Lower Upper

152 100

115 57.2 28.9 86.7

150 174.8 0.0 349.6





#73

Isopropylbenzene

Concen: 53.555 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022695.D

Acq: 16 Jun 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

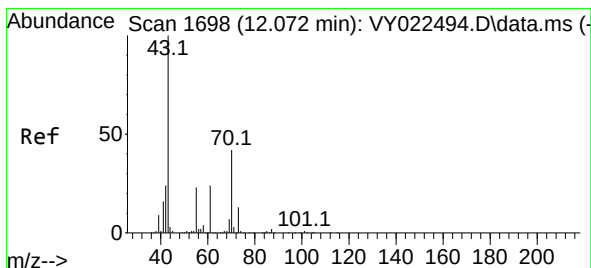
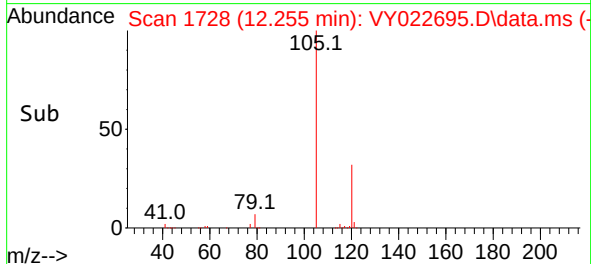
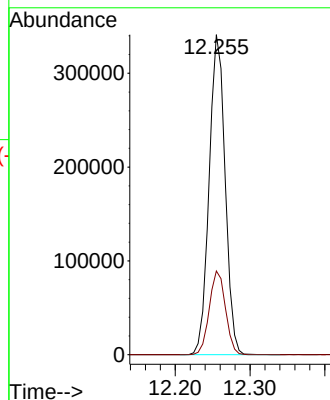
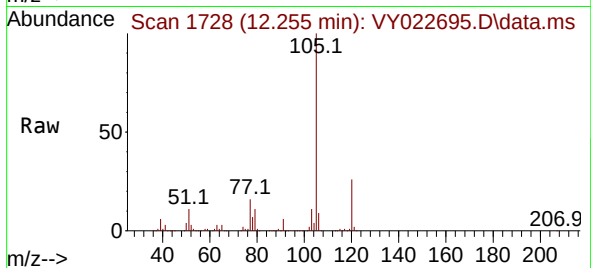
VSTDCCC050

Tgt Ion:105 Resp: 506645

Ion Ratio Lower Upper

105 100

120 26.4 13.0 38.9



#74

N-ethyl acetate

Concen: 50.251 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY022695.D

Acq: 16 Jun 2025 08:31

Tgt Ion: 43 Resp: 119948

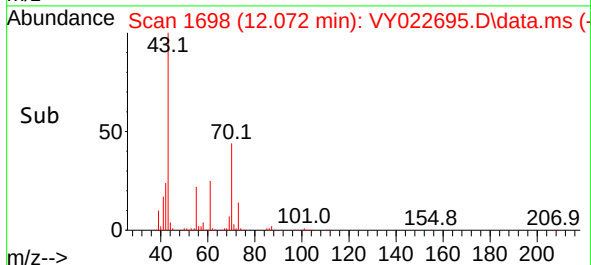
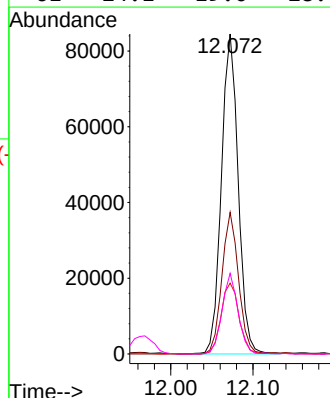
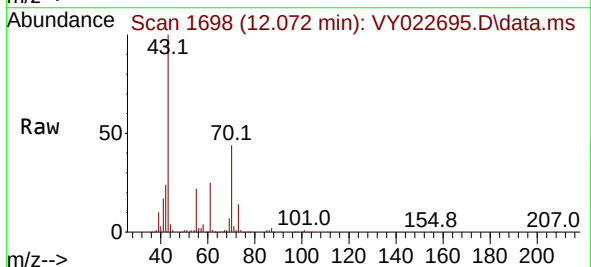
Ion Ratio Lower Upper

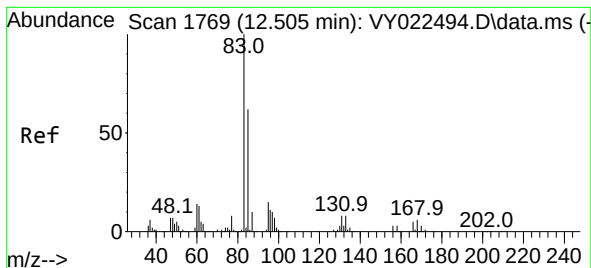
43 100

70 44.1 34.2 51.2

55 23.6 18.2 27.4

61 24.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.254 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY022695.D

Acq: 16 Jun 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

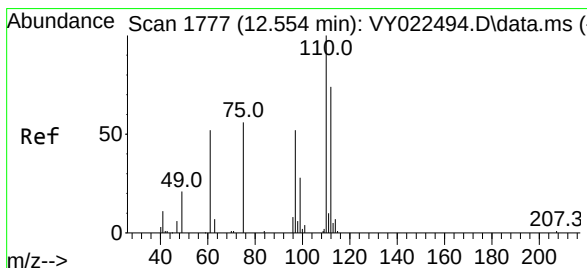
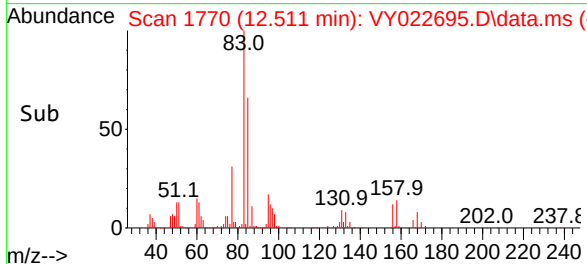
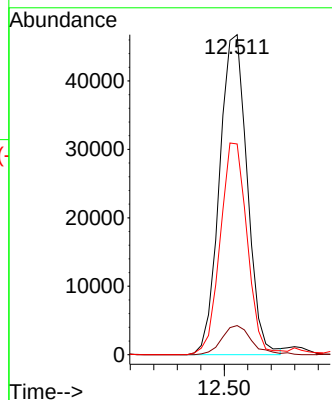
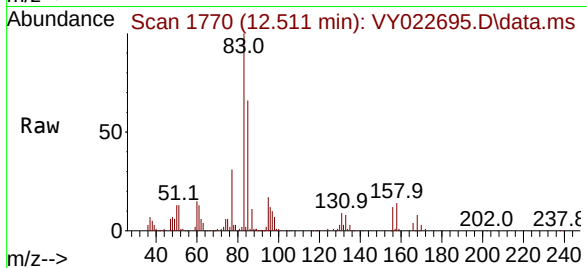
Tgt Ion: 83 Resp: 76474

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

85 64.6 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 84.979 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY022695.D

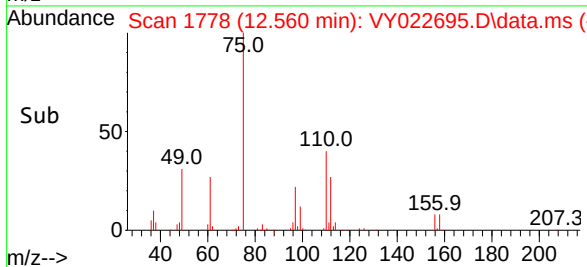
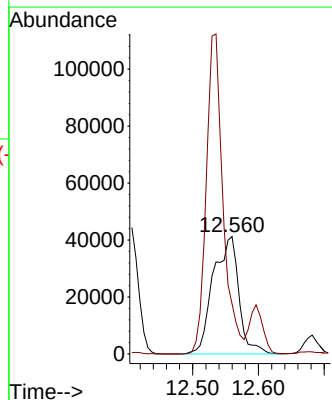
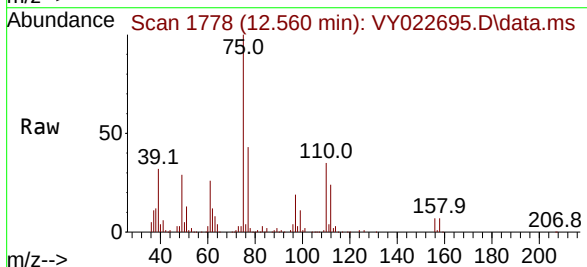
Acq: 16 Jun 2025 08:31

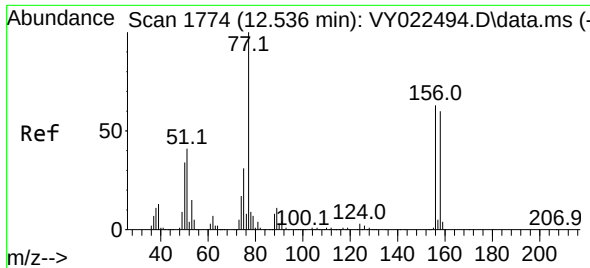
Tgt Ion: 75 Resp: 112024

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

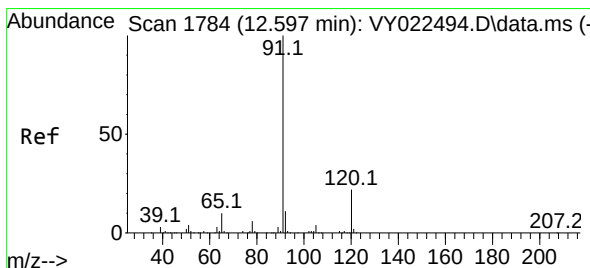
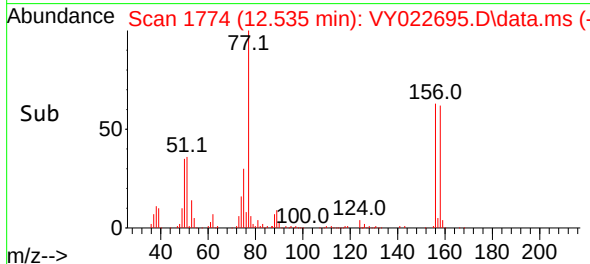
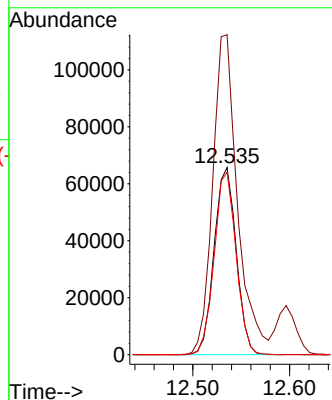
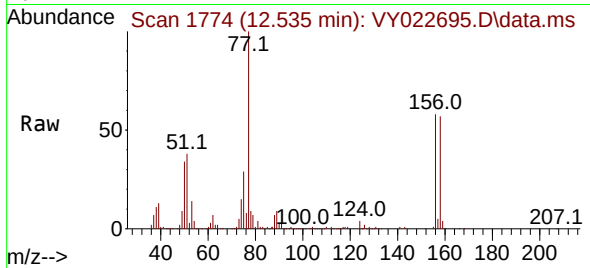




#77
Bromobenzene
Concen: 52.278 ug/l
RT: 12.535 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

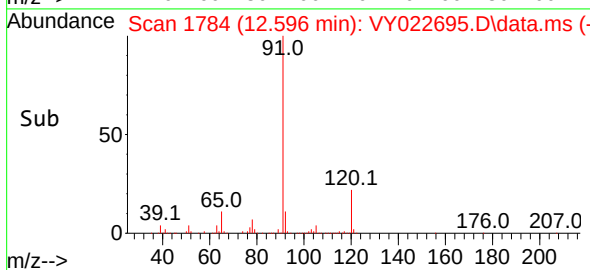
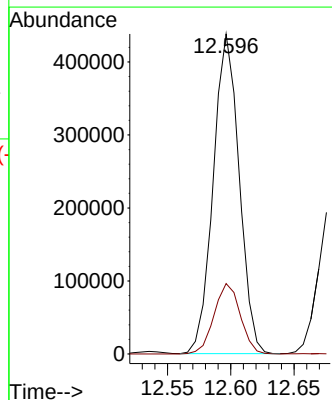
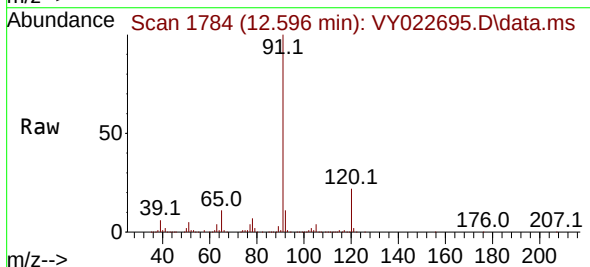
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

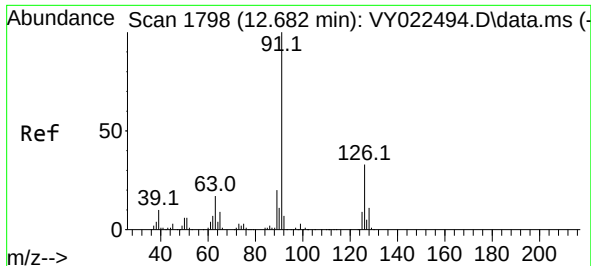
Tgt Ion:156 Resp: 104365
Ion Ratio Lower Upper
156 100
77 192.0 94.0 282.1
158 96.5 48.2 144.6



#78
n-propylbenzene
Concen: 53.995 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 91 Resp: 623894
Ion Ratio Lower Upper
91 100
120 22.2 10.8 32.4

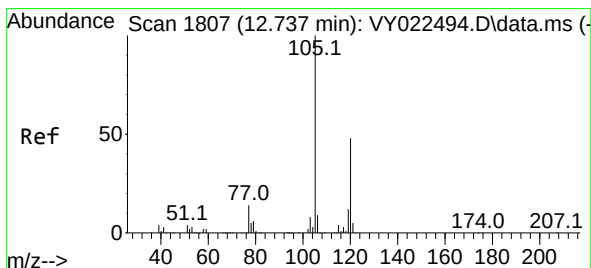
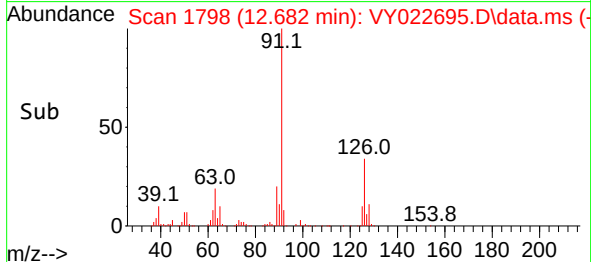
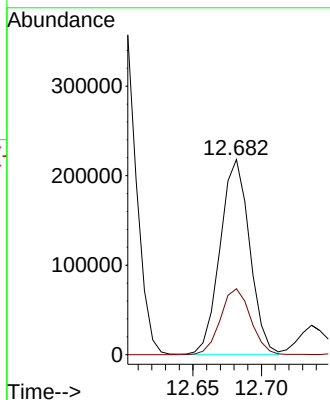
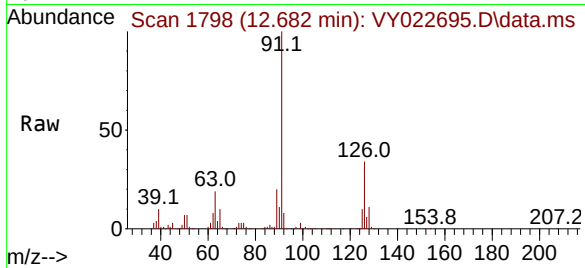




#79
2-Chlorotoluene
Concen: 53.402 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

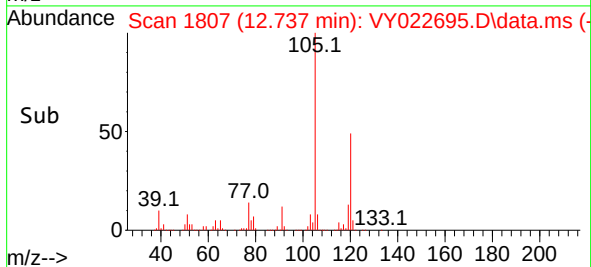
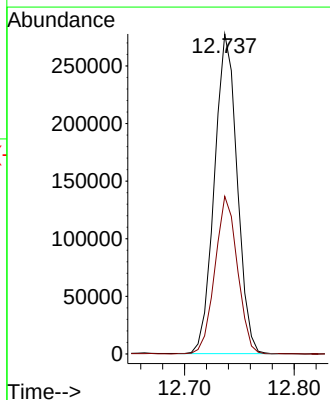
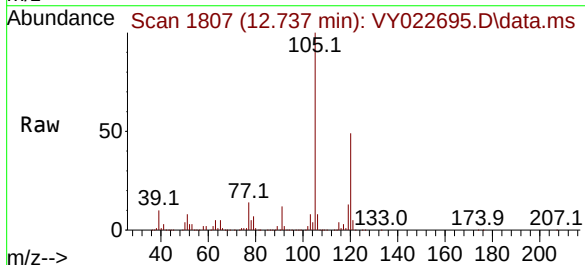
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

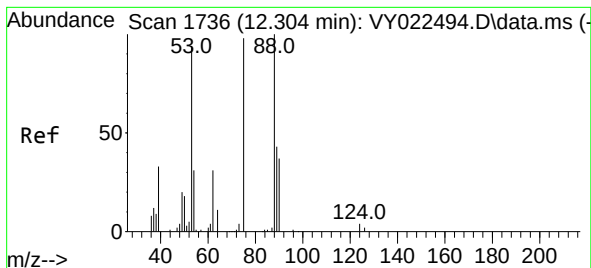
Tgt Ion: 91 Resp: 327036
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 53.859 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion:105 Resp: 400018
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.4

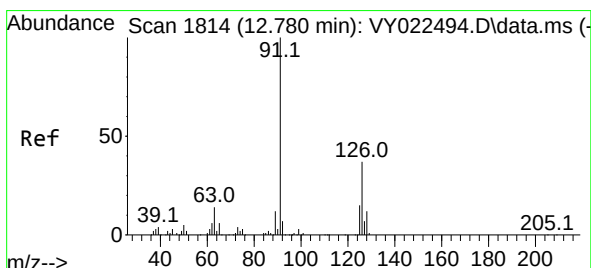
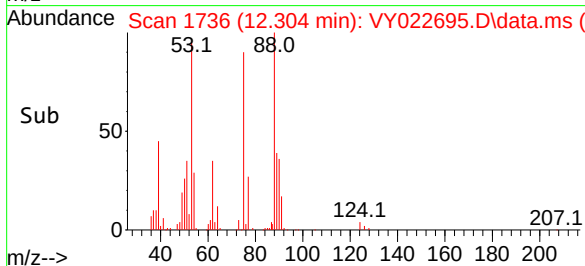
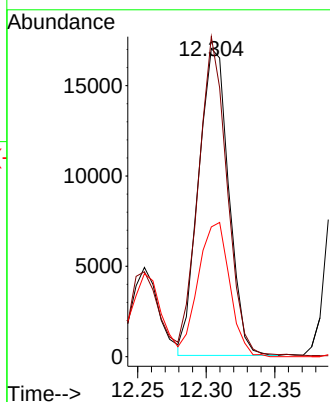
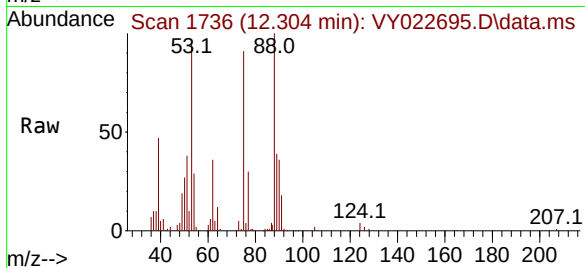




#81
trans-1,4-Dichloro-2-butene
Concen: 47.593 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

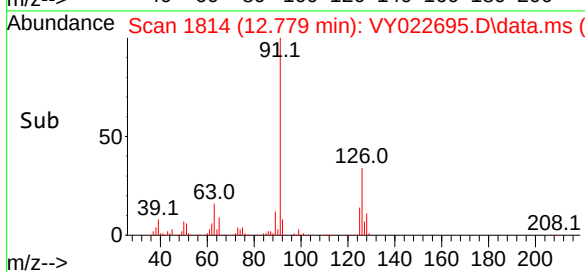
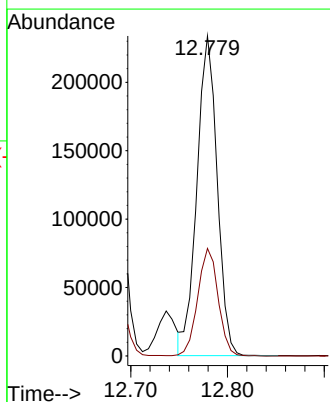
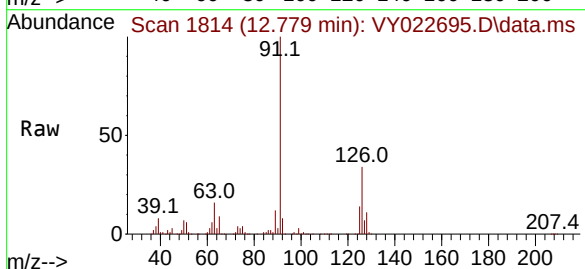
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

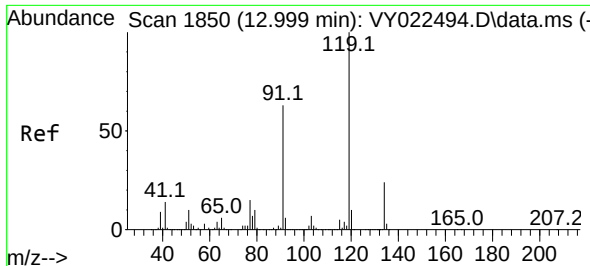
Tgt Ion: 75 Resp: 25980
Ion Ratio Lower Upper
75 100
53 99.9 78.5 117.7
89 45.8 35.7 53.5



#82
4-Chlorotoluene
Concen: 53.959 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion: 91 Resp: 340887
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9

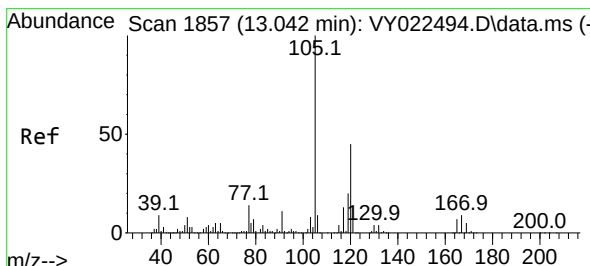
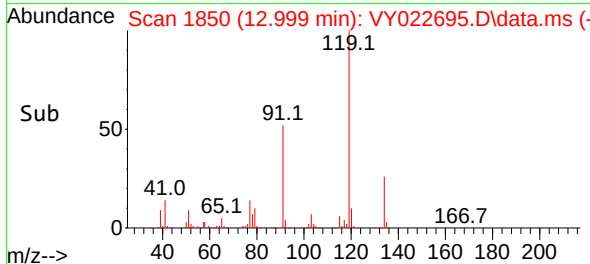
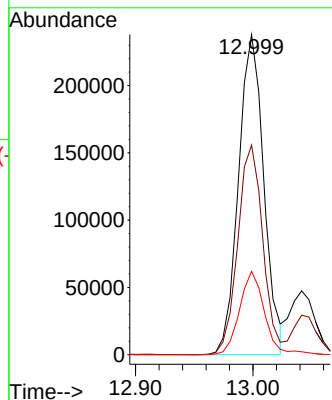
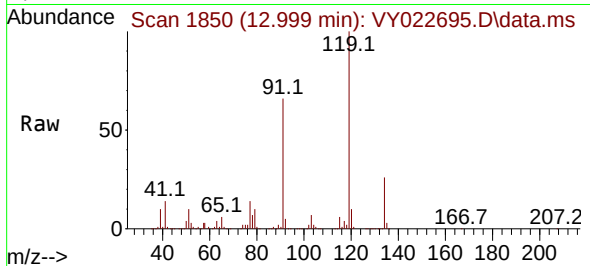




#83
tert-Butylbenzene
Concen: 53.513 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

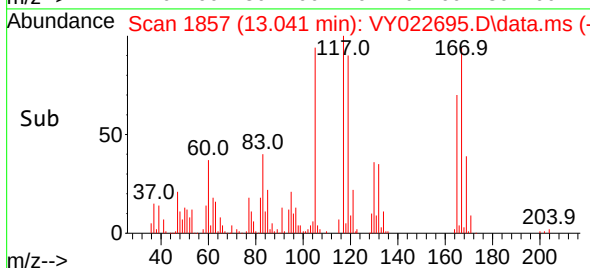
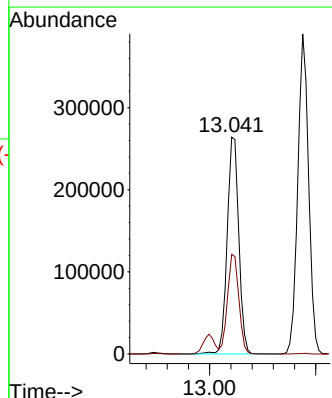
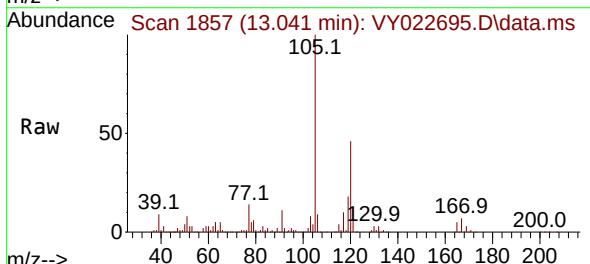
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

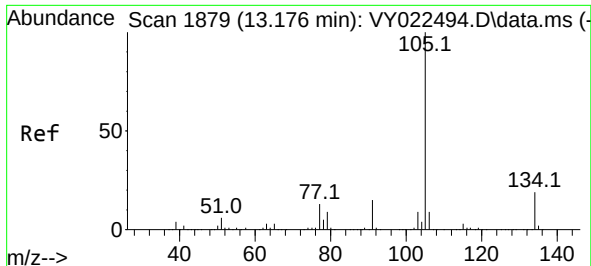
Tgt Ion:119 Resp: 356717
Ion Ratio Lower Upper
119 100
91 64.5 32.1 96.3
134 25.7 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 53.979 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion:105 Resp: 400978
Ion Ratio Lower Upper
105 100
120 45.0 22.7 68.1

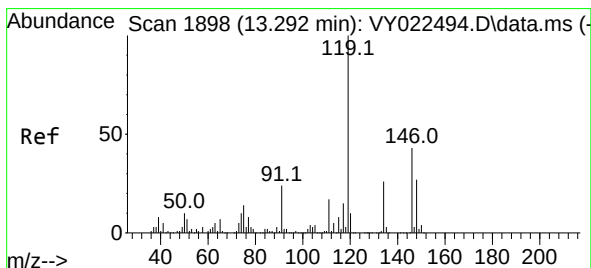
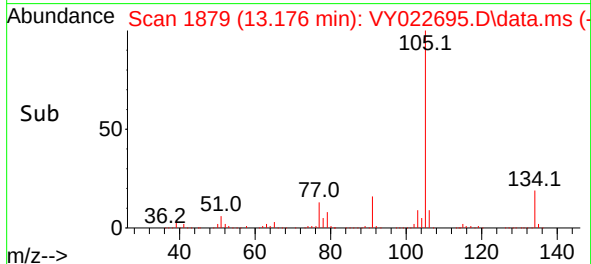
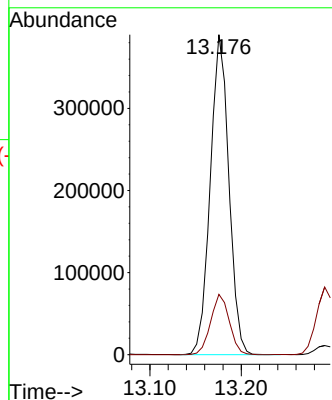
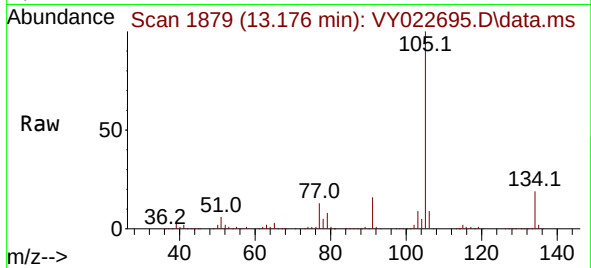




#85
 sec-Butylbenzene
 Concen: 54.077 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022695.D
 Acq: 16 Jun 2025 08:31

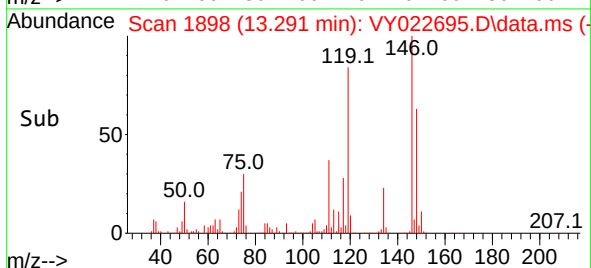
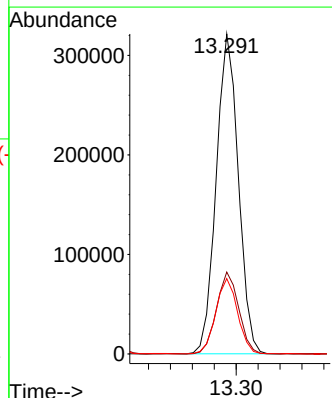
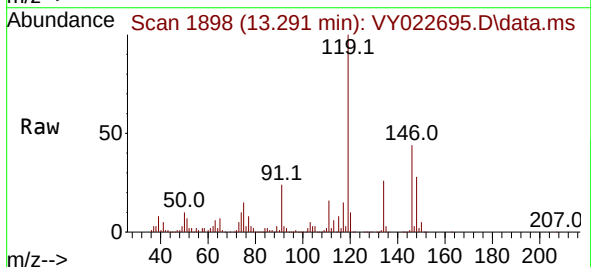
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

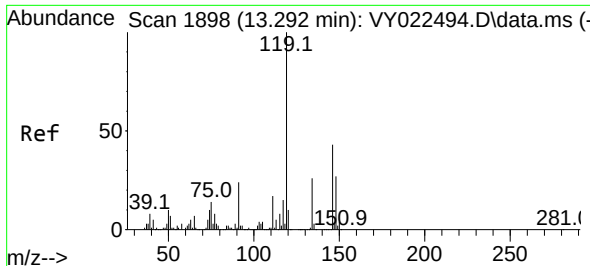
Tgt Ion:105 Resp: 552081
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 53.561 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022695.D
 Acq: 16 Jun 2025 08:31

Tgt Ion:119 Resp: 450726
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 23.3 11.6 34.8

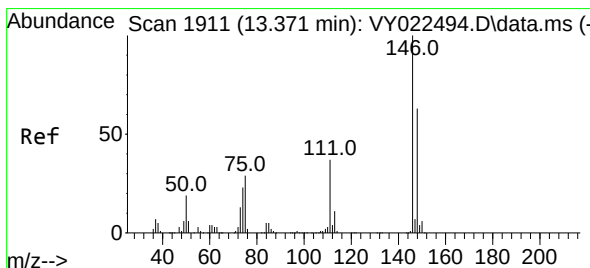
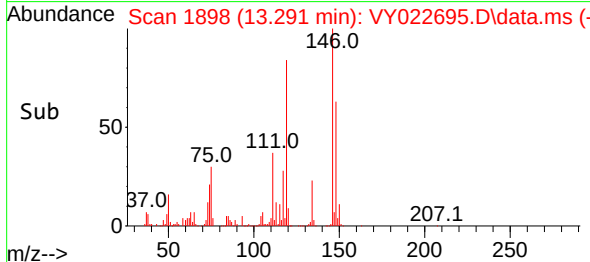
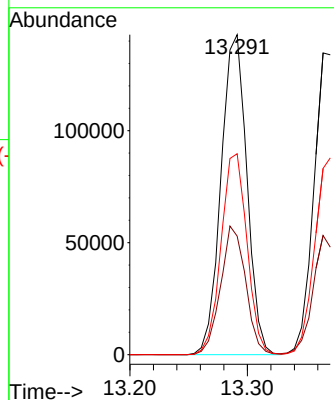
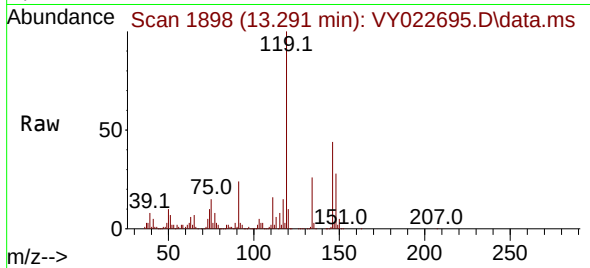




#87
1,3-Dichlorobenzene
Concen: 54.045 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

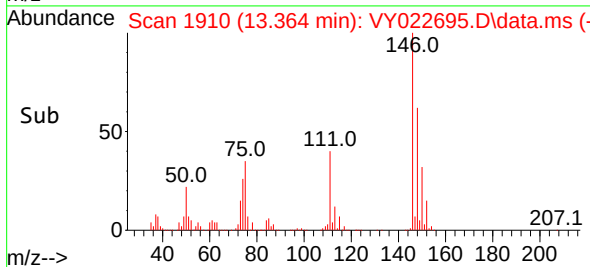
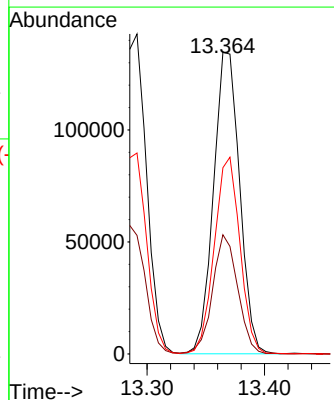
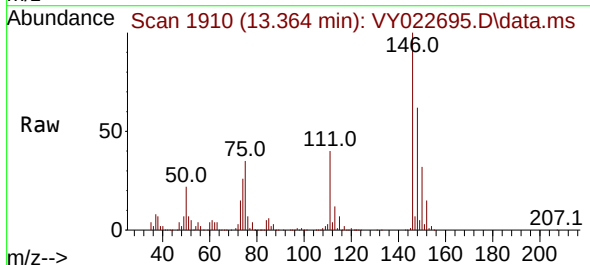
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

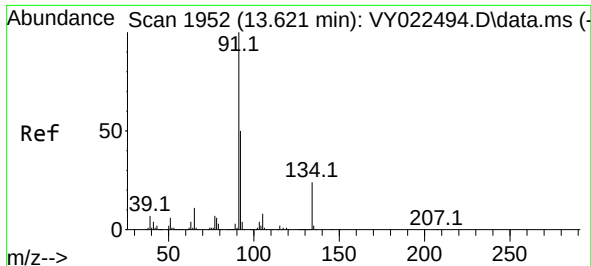
Tgt Ion:146 Resp: 218598
Ion Ratio Lower Upper
146 100
111 39.0 20.1 60.2
148 63.0 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 53.164 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022695.D
Acq: 16 Jun 2025 08:31

Tgt Ion:146 Resp: 208563
Ion Ratio Lower Upper
146 100
111 38.1 19.4 58.2
148 63.9 31.6 94.8





#89

n-Butylbenzene

Concen: 54.225 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY022695.D

Acq: 16 Jun 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

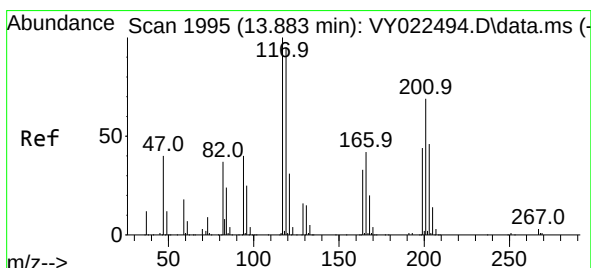
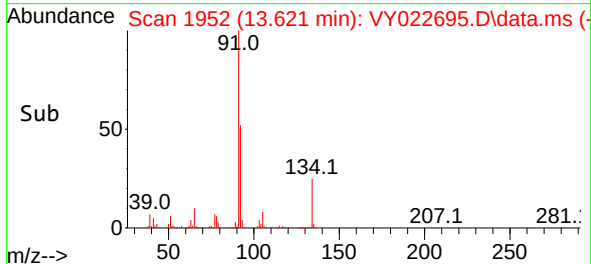
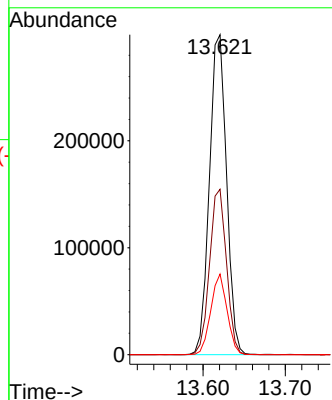
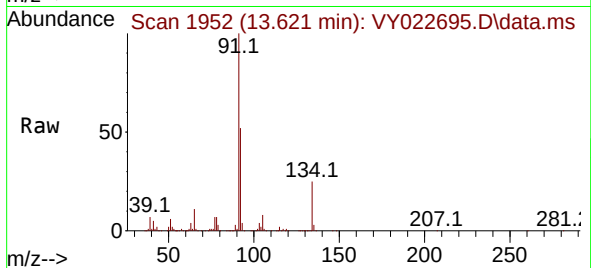
Tgt Ion: 91 Resp: 432928

Ion Ratio Lower Upper

91 100

92 51.1 25.9 77.8

134 24.0 12.0 36.1



#90

Hexachloroethane

Concen: 55.059 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY022695.D

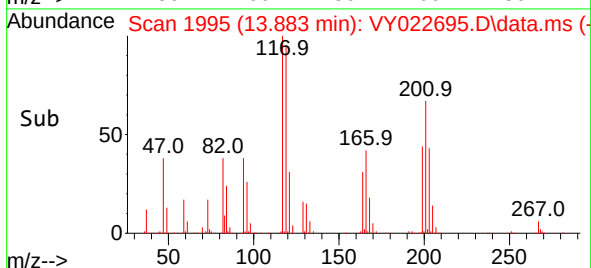
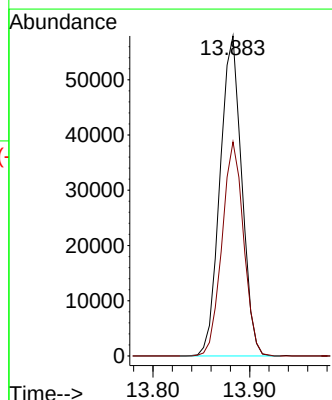
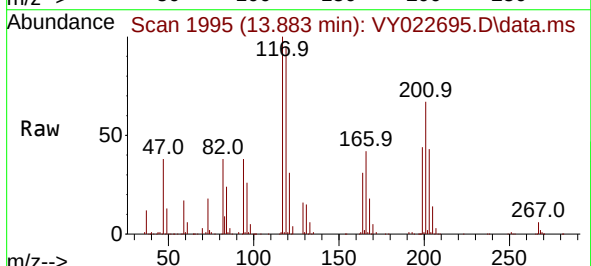
Acq: 16 Jun 2025 08:31

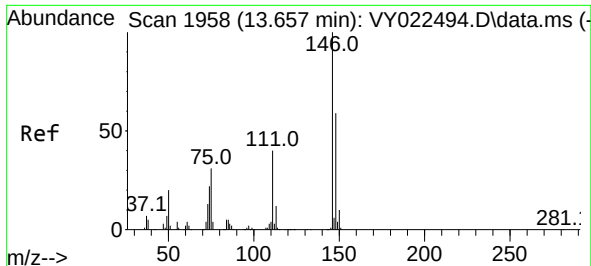
Tgt Ion: 117 Resp: 90202

Ion Ratio Lower Upper

117 100

201 66.5 34.0 102.0

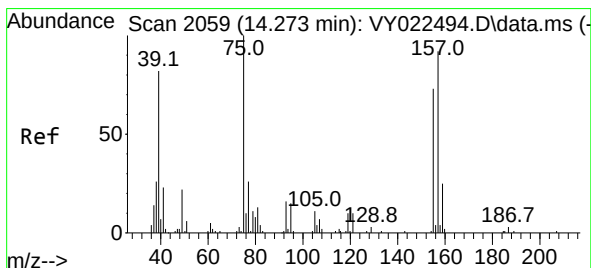
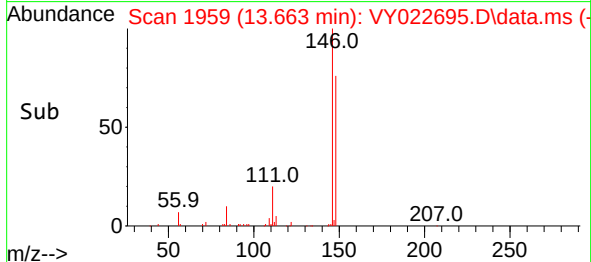
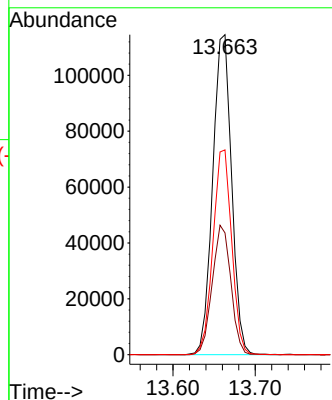
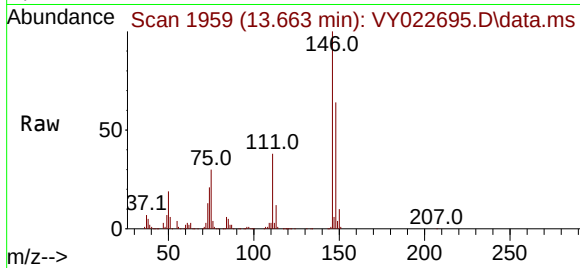




#91
 1,2-Dichlorobenzene
 Concen: 53.200 ug/l
 RT: 13.663 min Scan# 1959
 Delta R.T. 0.006 min
 Lab File: VY022695.D
 Acq: 16 Jun 2025 08:31

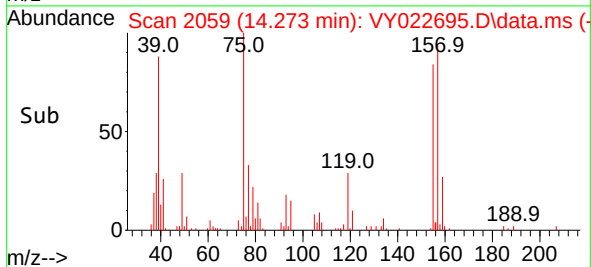
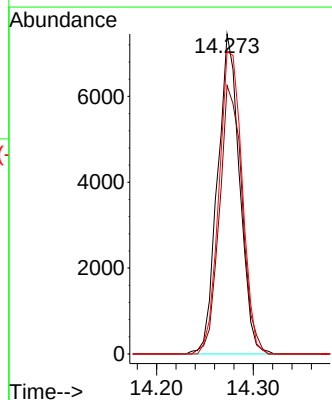
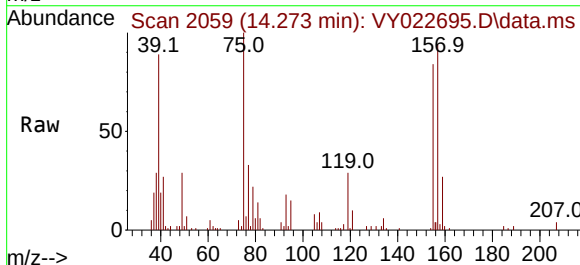
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

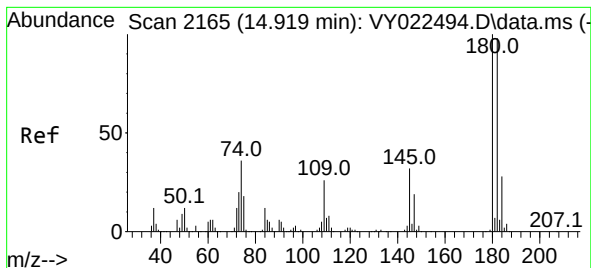
Tgt Ion:146 Resp: 182696
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.2 60.6
 148 63.5 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.084 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY022695.D
 Acq: 16 Jun 2025 08:31

Tgt Ion: 75 Resp: 11774
 Ion Ratio Lower Upper
 75 100
 155 86.6 39.9 119.6
 157 99.0 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 51.592 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022695.D

Acq: 16 Jun 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

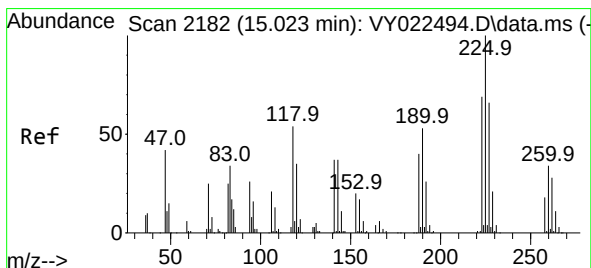
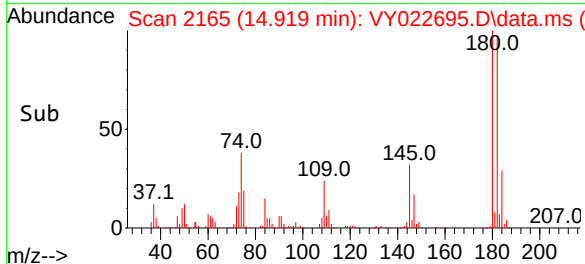
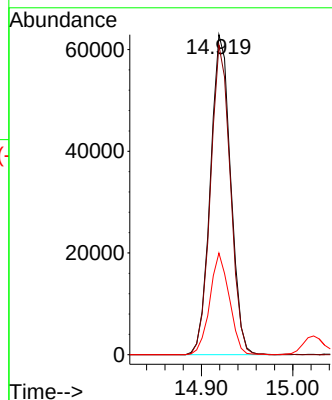
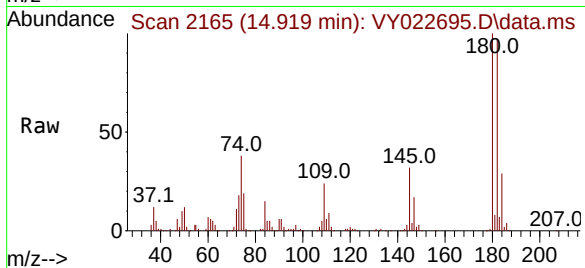
Tgt Ion:180 Resp: 96629

Ion Ratio Lower Upper

180 100

182 95.2 48.4 145.3

145 30.5 15.5 46.5



#94

Hexachlorobutadiene

Concen: 51.735 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022695.D

Acq: 16 Jun 2025 08:31

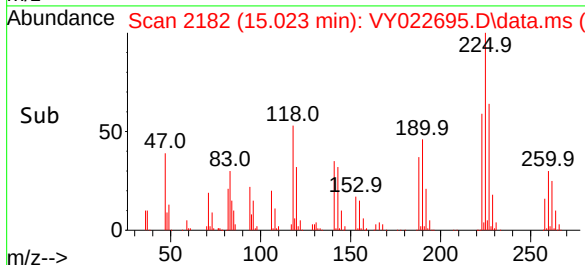
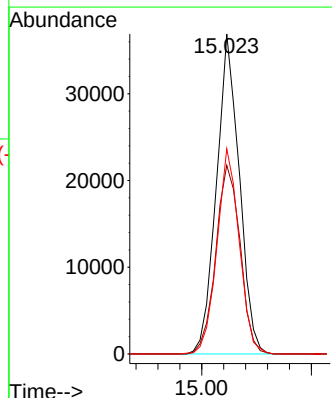
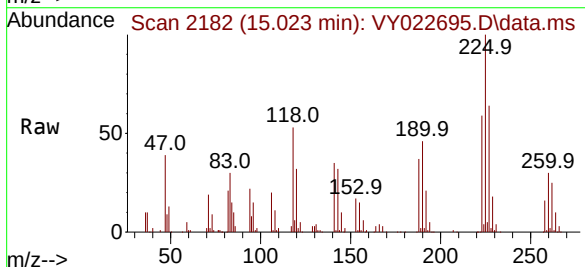
Tgt Ion:225 Resp: 53481

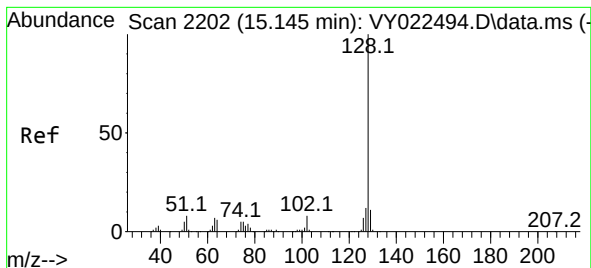
Ion Ratio Lower Upper

225 100

223 62.6 32.5 97.4

227 62.4 32.3 96.9





#95

Naphthalene

Concen: 49.227 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022695.D

Acq: 16 Jun 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

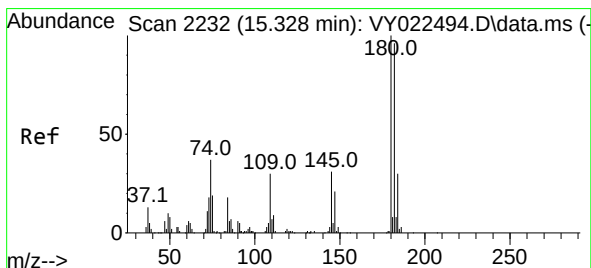
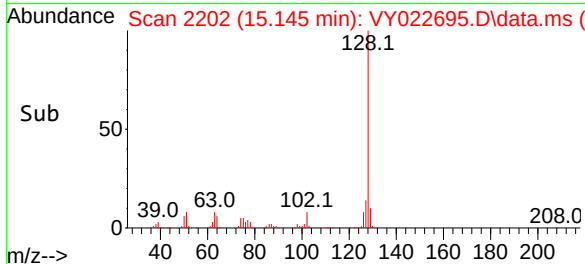
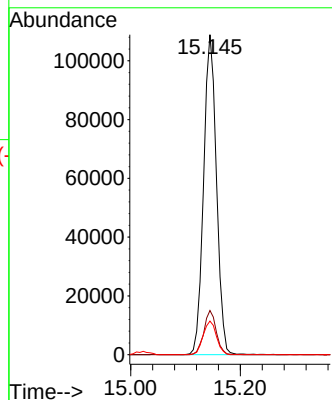
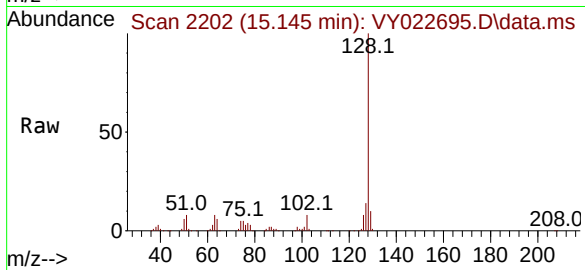
Tgt Ion:128 Resp: 176934

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 50.769 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022695.D

Acq: 16 Jun 2025 08:31

Tgt Ion:180 Resp: 81492

Ion Ratio Lower Upper

180 100

182 94.7 47.1 141.3

145 31.6 15.2 45.6

