

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
 Data File : VY022538.D
 Acq On : 04 Jun 2025 09:54
 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 05 04:08:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	186956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	316261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	266067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	125910	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	105197	50.309	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.620%	
35) Dibromofluoromethane	7.640	113	97696	51.754	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.500%	
50) Toluene-d8	10.109	98	400949	52.566	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.140%	
62) 4-Bromofluorobenzene	12.408	95	116409	51.223	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.440%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	75010	44.814	ug/l	98
3) Chloromethane	2.068	50	204608	41.378	ug/l	100
4) Vinyl Chloride	2.202	62	286948	50.022	ug/l	97
5) Bromomethane	2.598	94	230272	41.882	ug/l	98
6) Chloroethane	2.739	64	202619	51.460	ug/l	96
7) Trichlorofluoromethane	3.056	101	250619	51.463	ug/l	97
8) Diethyl Ether	3.458	74	52454	47.829	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	99794	48.655	ug/l	99
10) Methyl Iodide	4.007	142	110950	49.986	ug/l	99
11) Tert butyl alcohol	4.860	59	33951	227.331	ug/l	97
12) 1,1-Dichloroethene	3.787	96	97819	49.894	ug/l	97
13) Acrolein	3.653	56	39655	213.058	ug/l	100
14) Allyl chloride	4.385	41	152864	49.667	ug/l	100
15) Acrylonitrile	5.061	53	109286	235.291	ug/l	99
16) Acetone	3.872	43	116438	274.197	ug/l	100
17) Carbon Disulfide	4.110	76	303821	48.404	ug/l	100
18) Methyl Acetate	4.385	43	64548	51.330	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	266837	48.322	ug/l	99
20) Methylene Chloride	4.616	84	105976	43.934	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	109911	50.091	ug/l	91
22) Diisopropyl ether	6.018	45	337633	49.283	ug/l	97
23) Vinyl Acetate	5.964	43	957071	236.032	ug/l	100
24) 1,1-Dichloroethane	5.915	63	206841	51.250	ug/l	100
25) 2-Butanone	6.890	43	153585	250.736	ug/l	99
26) 2,2-Dichloropropane	6.890	77	182553	51.193	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	129296	50.980	ug/l	99
28) Bromochloromethane	7.244	49	87302	49.623	ug/l	99
29) Tetrahydrofuran	7.268	42	90620	229.379	ug/l	98
30) Chloroform	7.421	83	204467	51.148	ug/l	97
31) Cyclohexane	7.701	56	184681	45.964	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	179519	50.587	ug/l	99
36) 1,1-Dichloropropene	7.835	75	152597	49.807	ug/l	99
37) Ethyl Acetate	6.988	43	64630	47.304	ug/l	98
38) Carbon Tetrachloride	7.817	117	156290	49.727	ug/l	99
39) Methylcyclohexane	9.109	83	196502	47.727	ug/l	99
40) Benzene	8.079	78	459613	50.792	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	31991	40.086	ug/l	90
42) 1,2-Dichloroethane	8.158	62	121961	49.361	ug/l	99
43) Isopropyl Acetate	8.201	43	138999	47.106	ug/l	98
44) Trichloroethene	8.865	130	113245	51.205	ug/l	99
45) 1,2-Dichloropropane	9.140	63	107082	50.071	ug/l	98
46) Dibromomethane	9.231	93	57876	48.104	ug/l	99
47) Bromodichloromethane	9.426	83	154053	50.497	ug/l	96
48) Methyl methacrylate	9.219	41	66082	47.717	ug/l	99
49) 1,4-Dioxane	9.237	88	12823	899.629	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	348816	237.102	ug/l	98
52) Toluene	10.170	92	286991	50.467	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	140654	49.207	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	166728	50.108	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	74255	48.401	ug/l	94
56) Ethyl methacrylate	10.438	69	106100	47.850	ug/l	99
57) 1,3-Dichloropropane	10.719	76	132196	48.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	264382	262.615	ug/l	100
59) 2-Hexanone	10.761	43	243804	247.792	ug/l	99
60) Dibromochloromethane	10.914	129	94640	48.542	ug/l	100
61) 1,2-Dibromoethane	11.011	107	67796	48.485	ug/l	99
64) Tetrachloroethene	10.646	164	116655	50.969	ug/l	99
65) Chlorobenzene	11.444	112	298796	50.749	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	100630	50.736	ug/l	99
67) Ethyl Benzene	11.517	91	559371	51.222	ug/l	99
68) m/p-Xylenes	11.627	106	419486	101.329	ug/l	99
69) o-Xylene	11.956	106	196735	50.687	ug/l	99
70) Styrene	11.969	104	329327	51.330	ug/l	99
71) Bromoform	12.133	173	50607	47.947	ug/l #	99
73) Isopropylbenzene	12.255	105	521108	50.411	ug/l	100
74) N-amyl acetate	12.072	43	123604	47.389	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	80221	47.284	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	115066	79.882	ug/l #	100
77) Bromobenzene	12.536	156	105935	48.563	ug/l	98
78) n-propylbenzene	12.596	91	637344	50.480	ug/l	99
79) 2-Chlorotoluene	12.682	91	334475	49.984	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	407935	50.265	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	28066	47.053	ug/l	95
82) 4-Chlorotoluene	12.779	91	346570	50.204	ug/l	98
83) tert-Butylbenzene	12.999	119	367162	50.407	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	410138	50.528	ug/l	100
85) sec-Butylbenzene	13.176	105	564153	50.571	ug/l	100
86) p-Isopropyltoluene	13.291	119	467858	50.880	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	221662	50.153	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	214914	50.135	ug/l	99
89) n-Butylbenzene	13.621	91	451669	51.772	ug/l	100
90) Hexachloroethane	13.883	117	90748	50.693	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	186425	49.680	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11592	46.928	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	102553	50.109	ug/l	98
94) Hexachlorobutadiene	15.023	225	56207	49.759	ug/l	99
95) Naphthalene	15.145	128	189102	48.149	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	85594	48.801	ug/l	100

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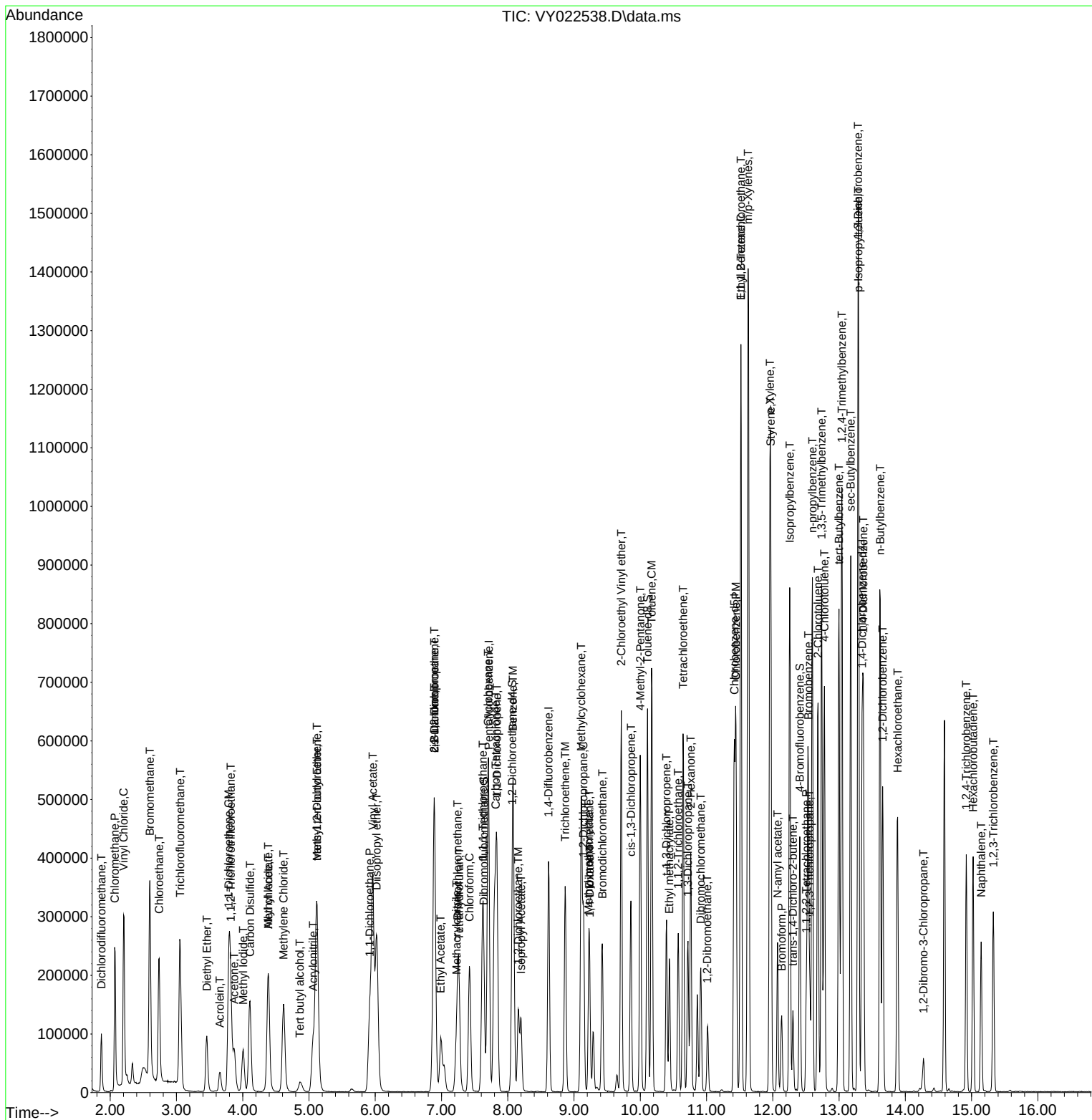
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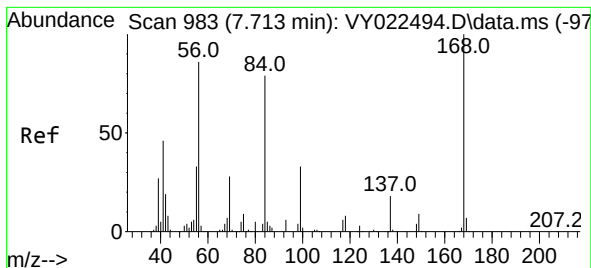
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.000 min

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Instrument :

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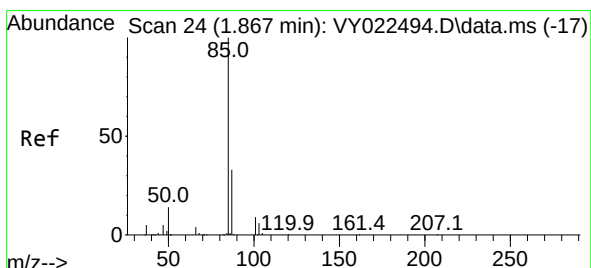
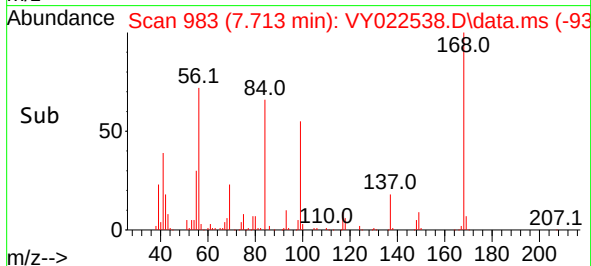
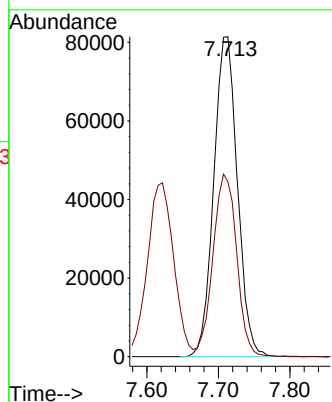
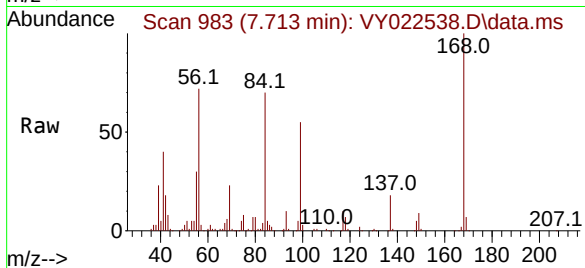
VSTDCCC050

Tgt Ion:168 Resp: 186956

Ion Ratio Lower Upper

168 100

99 54.6 44.3 66.5



#2

Dichlorodifluoromethane

Concen: 44.814 ug/l

RT: 1.867 min Scan# 24

Delta R.T. -0.000 min

Lab File: VY022538.D

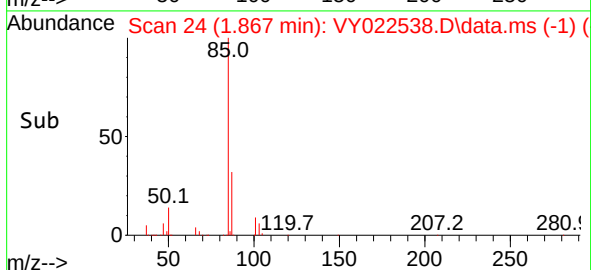
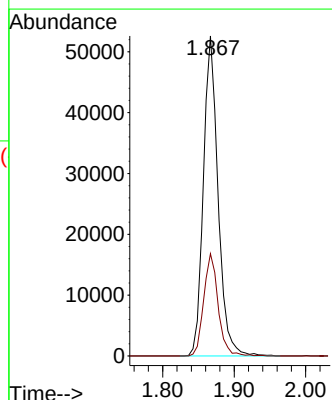
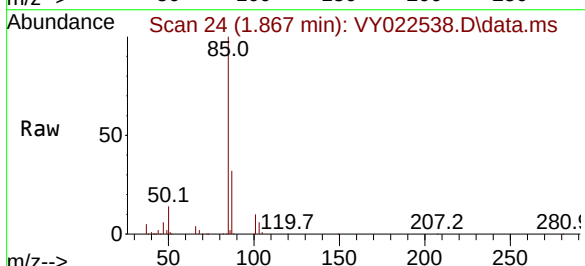
Acq: 04 Jun 2025 09:54

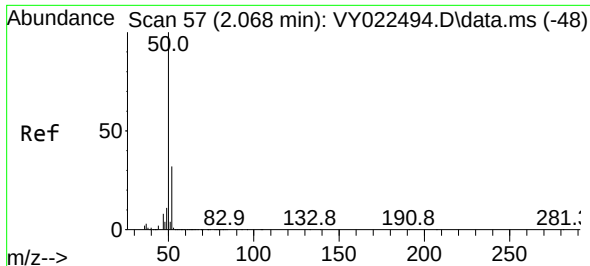
Tgt Ion: 85 Resp: 75010

Ion Ratio Lower Upper

85 100

87 31.9 16.7 50.0

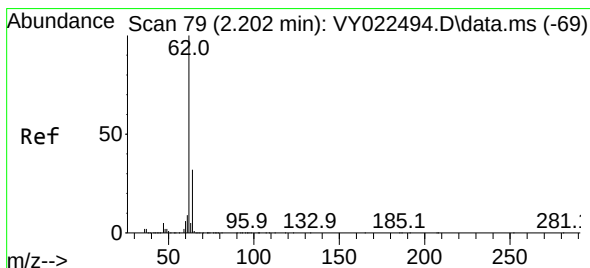
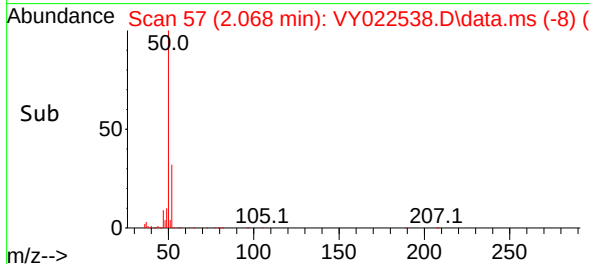
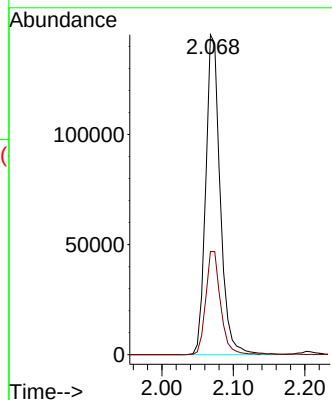
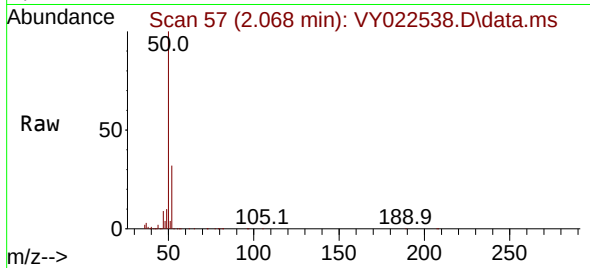




#3
Chloromethane
Concen: 41.378 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

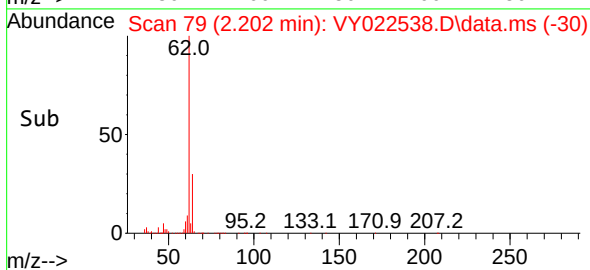
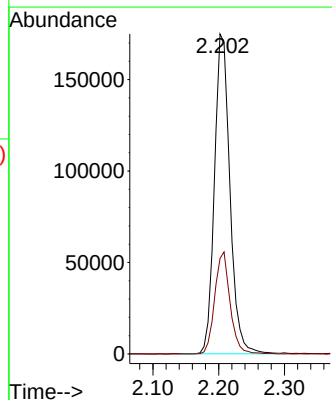
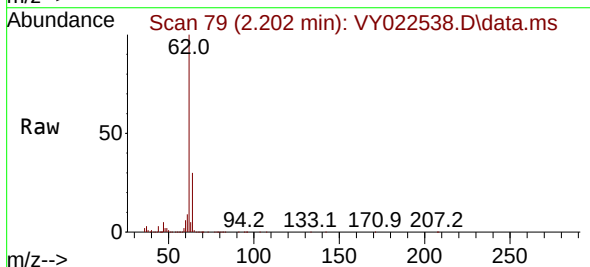
Instrument :
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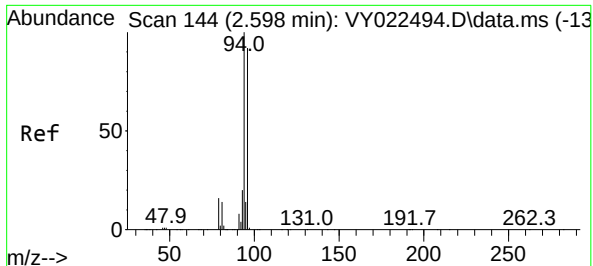
Tgt Ion: 50 Resp: 204608
Ion Ratio Lower Upper
50 100
52 32.2 26.0 39.0



#4
Vinyl Chloride
Concen: 50.022 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion: 62 Resp: 286948
Ion Ratio Lower Upper
62 100
64 29.8 25.3 37.9

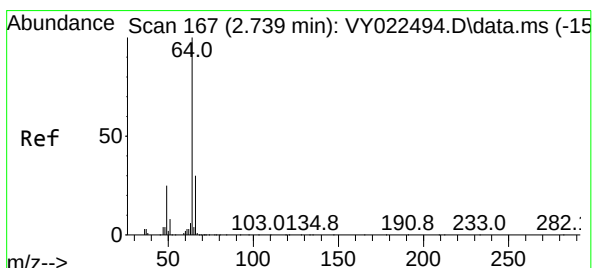
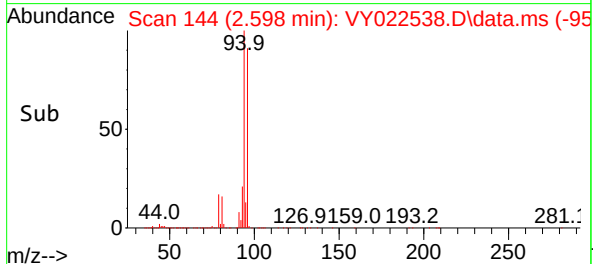
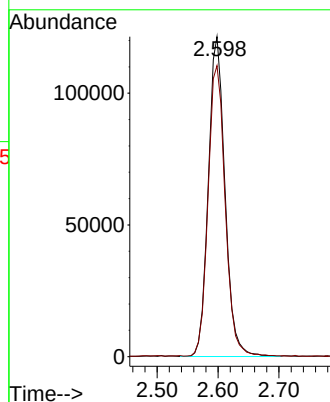
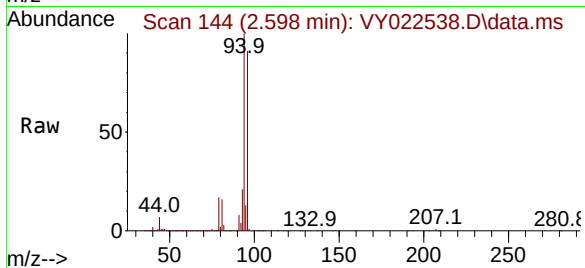




#5
Bromomethane
Concen: 41.882 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

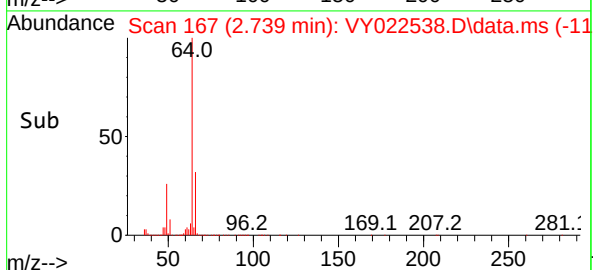
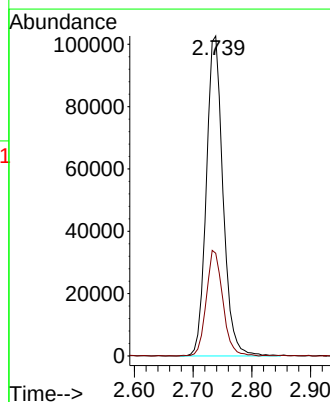
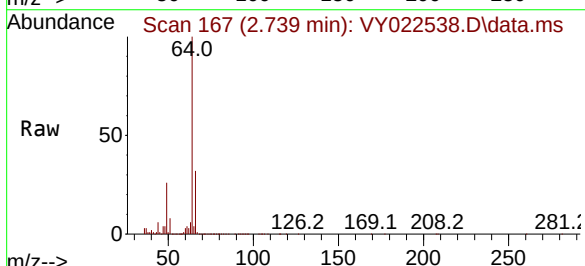
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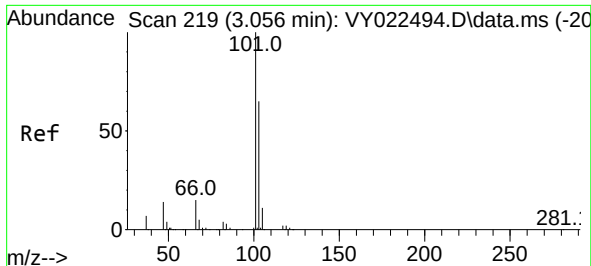
Tgt Ion: 94 Resp: 230272
Ion Ratio Lower Upper
94 100
96 90.8 74.0 111.0



#6
Chloroethane
Concen: 51.460 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion: 64 Resp: 202619
Ion Ratio Lower Upper
64 100
66 32.0 23.8 35.6

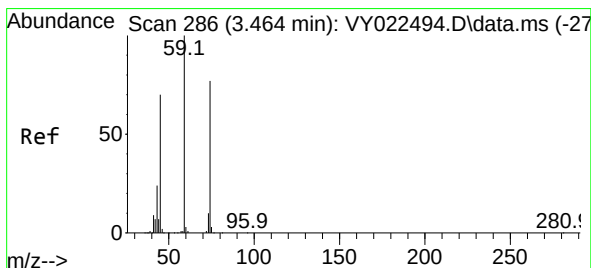
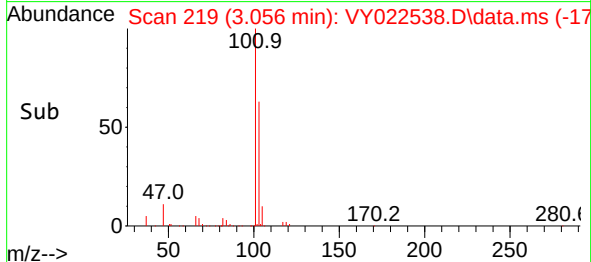
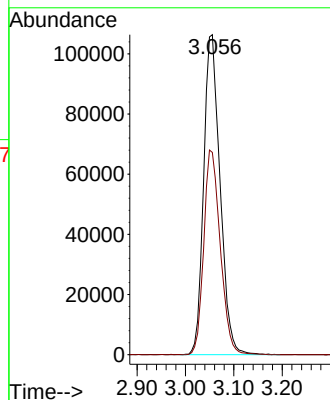
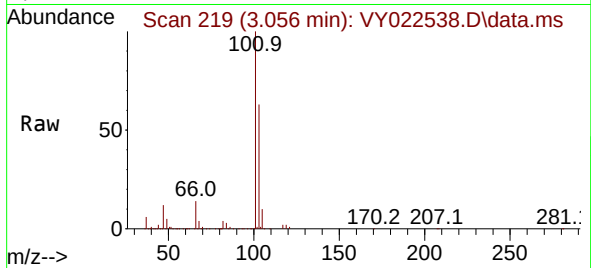




#7
 Trichlorofluoromethane
 Concen: 51.463 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. -0.000 min
 Lab File: VY022538.D
 Acq: 04 Jun 2025 09:54

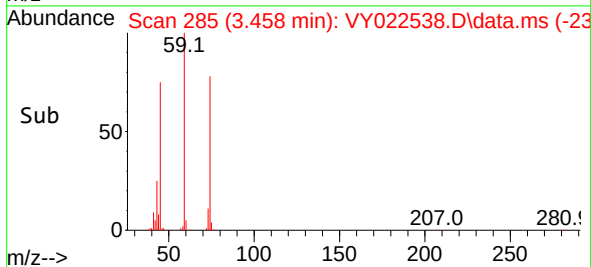
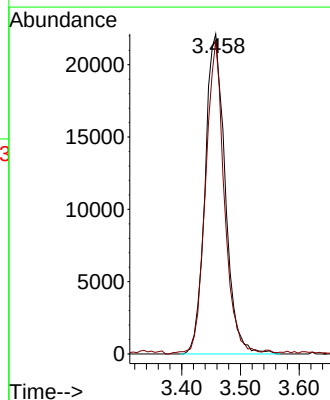
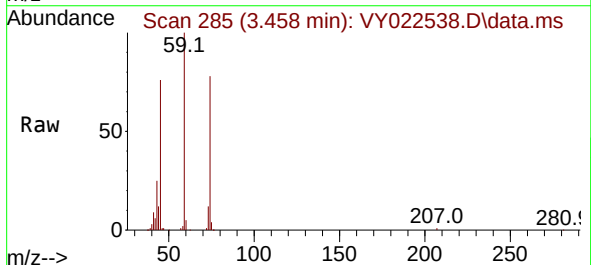
Instrument :
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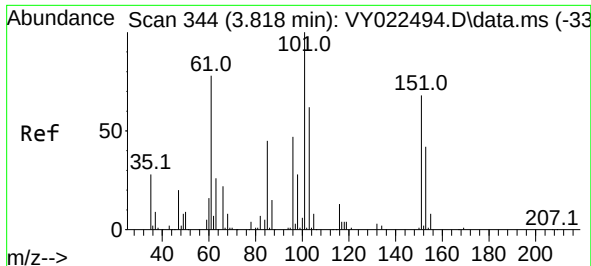
Tgt Ion:101 Resp: 250619
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.2 78.2



#8
 Diethyl Ether
 Concen: 47.829 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 52454
 Ion Ratio Lower Upper
 74 100
 45 91.7 45.9 137.6

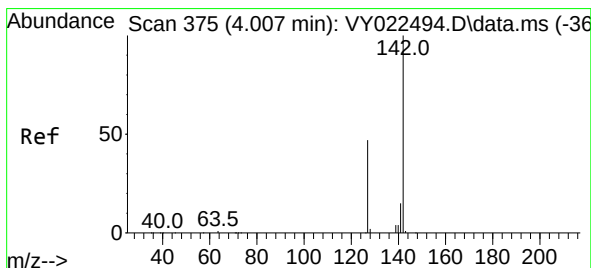
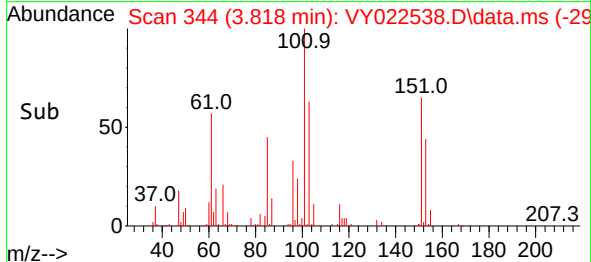
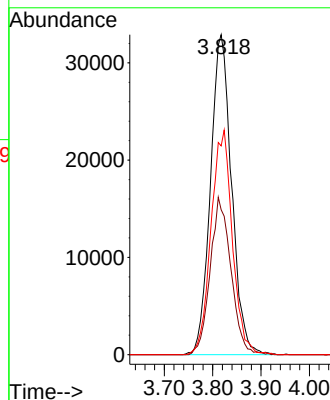
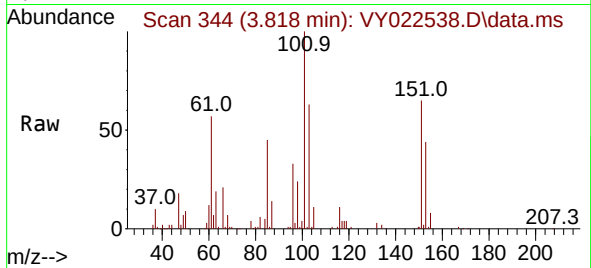




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.655 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

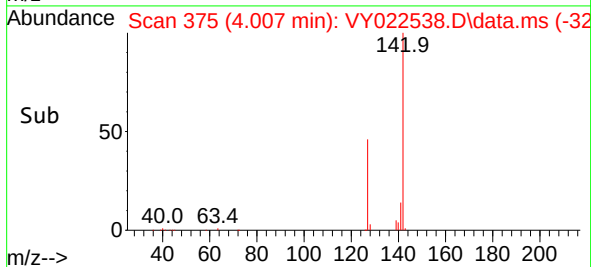
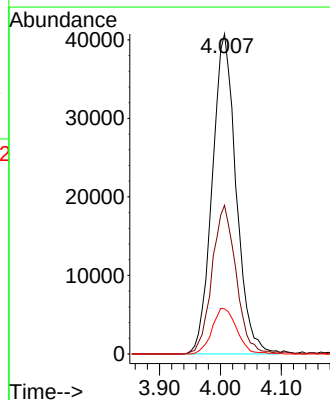
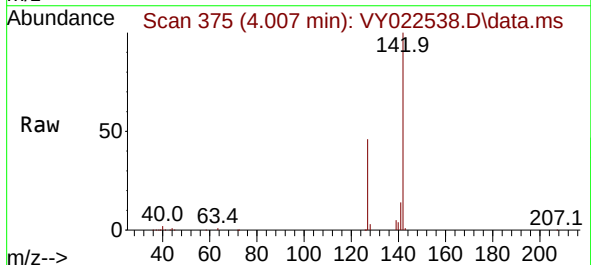
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

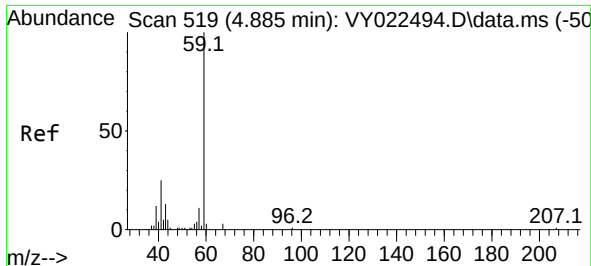
Tgt Ion:101 Resp: 99794
Ion Ratio Lower Upper
101 100
85 48.3 39.3 58.9
151 70.9 57.8 86.8



#10
Methyl Iodide
Concen: 49.986 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion:142 Resp: 110950
Ion Ratio Lower Upper
142 100
127 46.6 37.1 55.7
141 14.7 11.4 17.2

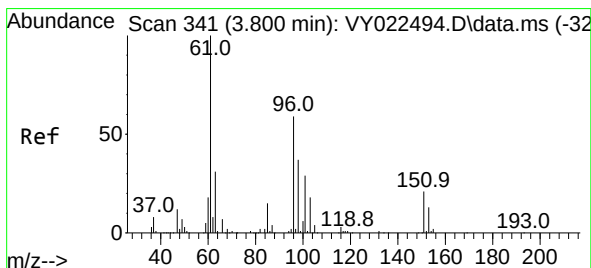
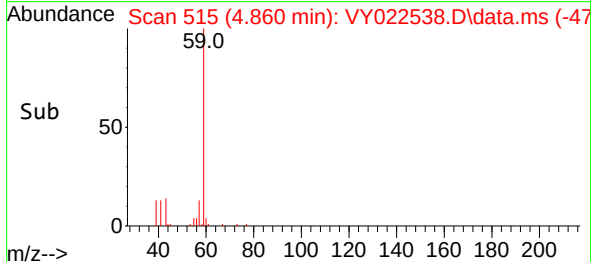
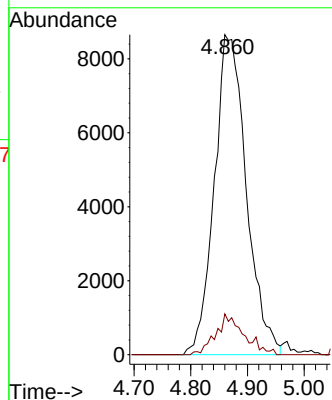
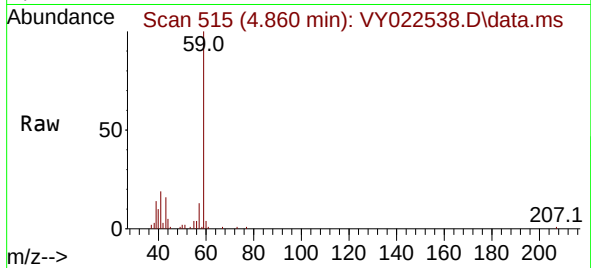




#11
Tert butyl alcohol
Concen: 227.331 ug/l
RT: 4.860 min Scan# 519
Delta R.T. -0.025 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

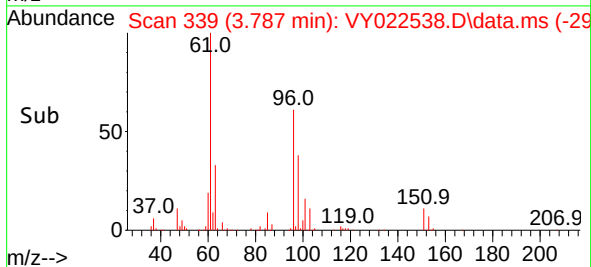
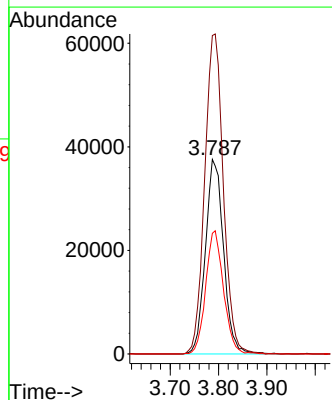
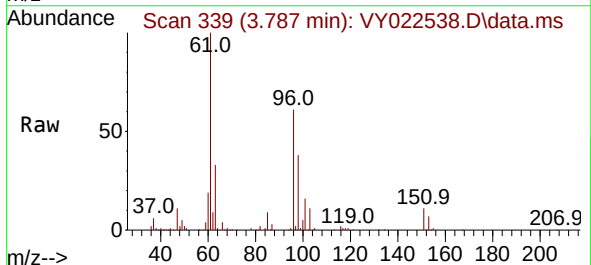
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

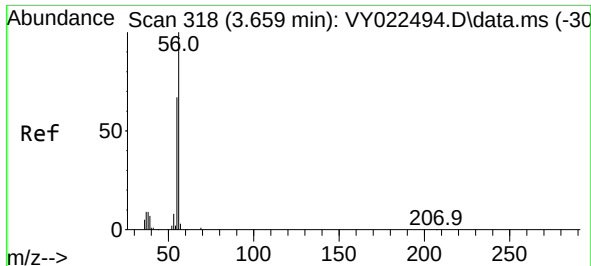
Tgt Ion: 59 Resp: 33951
Ion Ratio Lower Upper
59 100
57 11.2 8.0 12.0



#12
1,1-Dichloroethene
Concen: 49.894 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion: 96 Resp: 97819
Ion Ratio Lower Upper
96 100
61 163.7 134.6 201.8
98 62.0 50.2 75.4

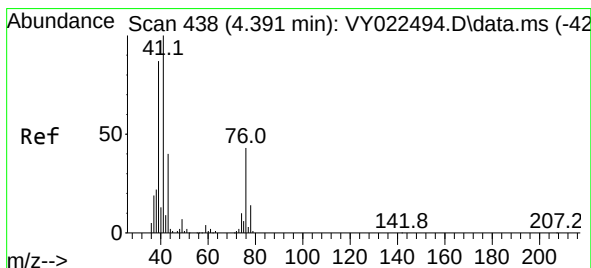
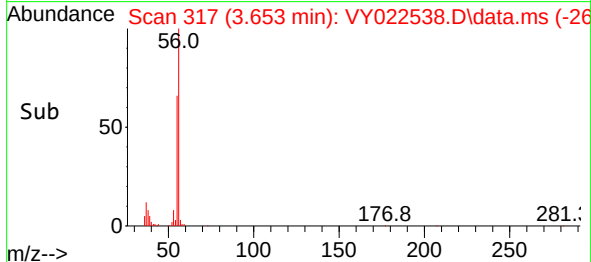
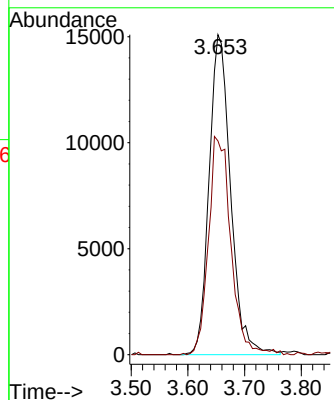
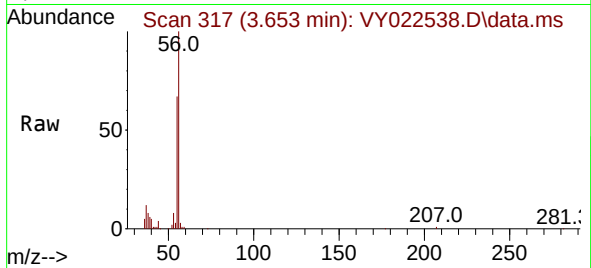




#13
Acrolein
Concen: 213.058 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

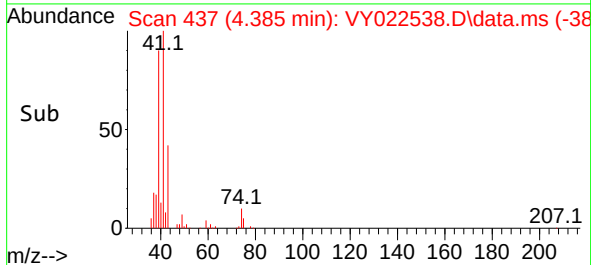
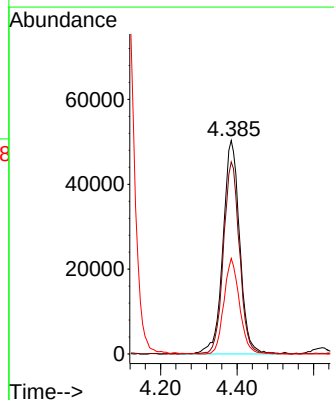
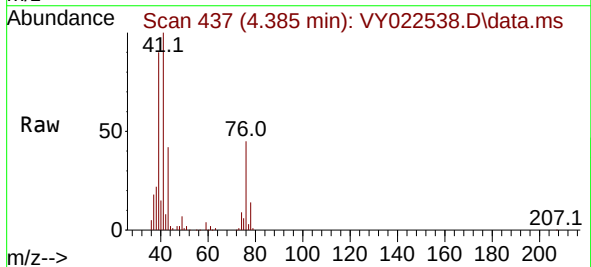
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

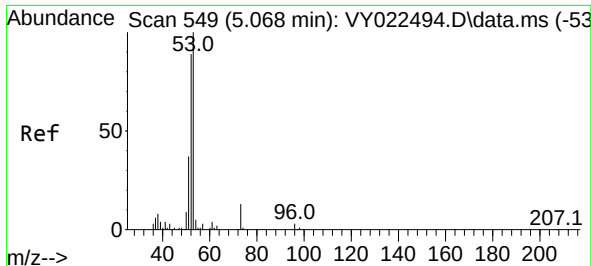
Tgt Ion: 56 Resp: 39655
Ion Ratio Lower Upper
56 100
55 71.2 57.0 85.6



#14
Allyl chloride
Concen: 49.667 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion: 41 Resp: 152864
Ion Ratio Lower Upper
41 100
39 86.4 69.1 103.7
76 41.7 33.5 50.3

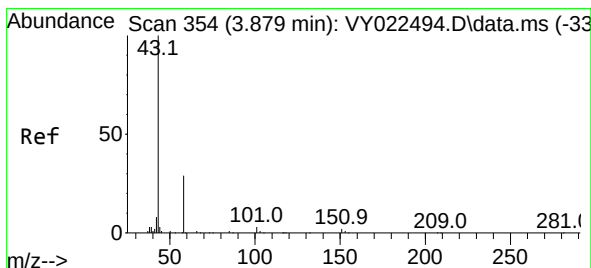
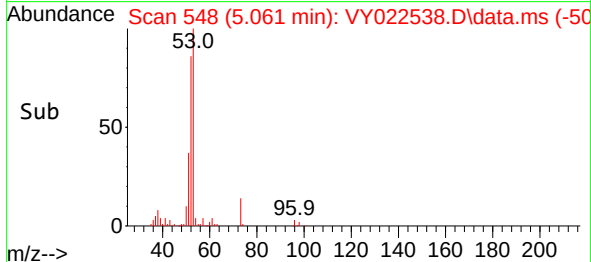
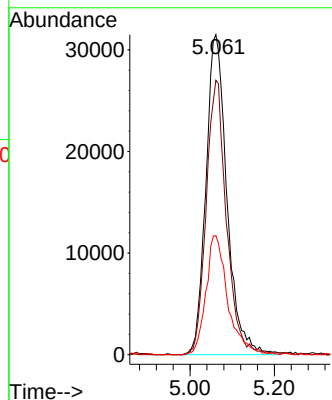
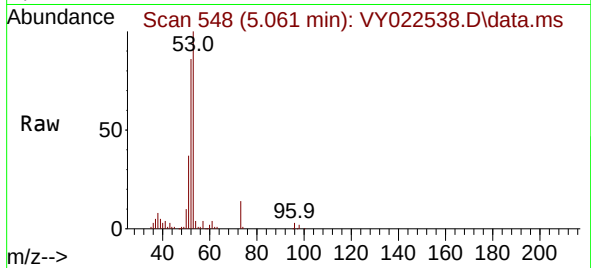




#15
Acrylonitrile
Concen: 235.291 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

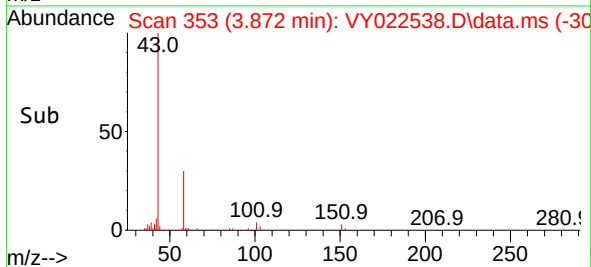
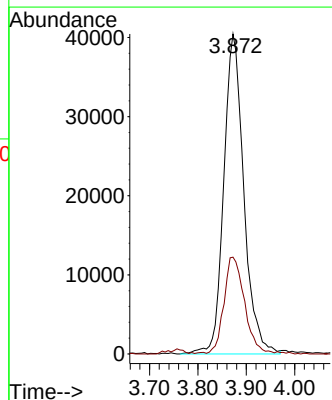
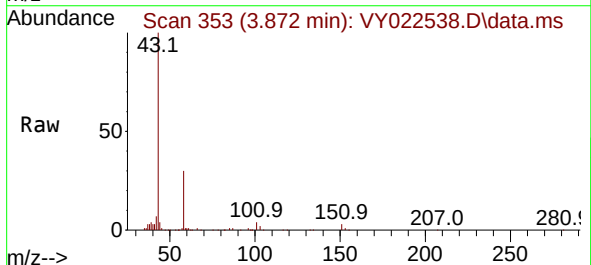
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

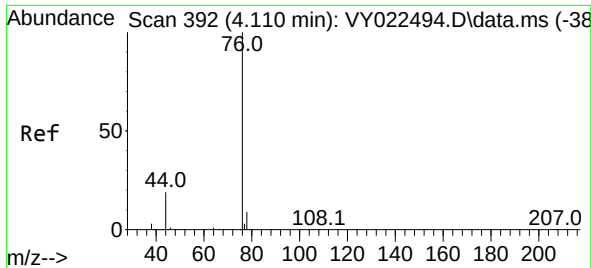
Tgt Ion: 53 Resp: 109286
Ion Ratio Lower Upper
53 100
52 82.5 65.7 98.5
51 38.6 30.1 45.1



#16
Acetone
Concen: 274.197 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion: 43 Resp: 116438
Ion Ratio Lower Upper
43 100
58 29.8 24.0 36.0

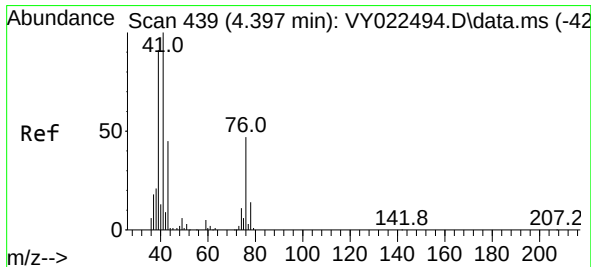
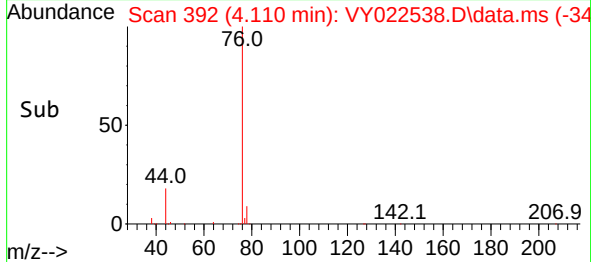
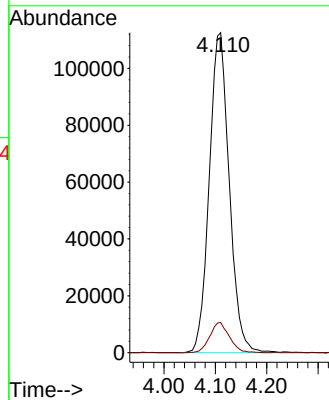
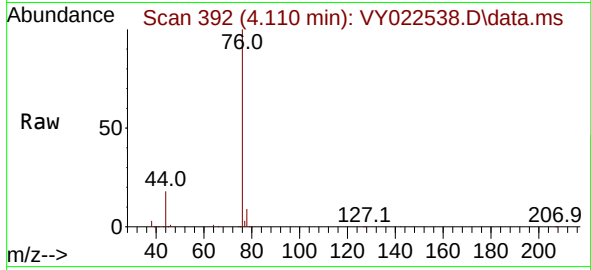




#17
Carbon Disulfide
Concen: 48.404 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

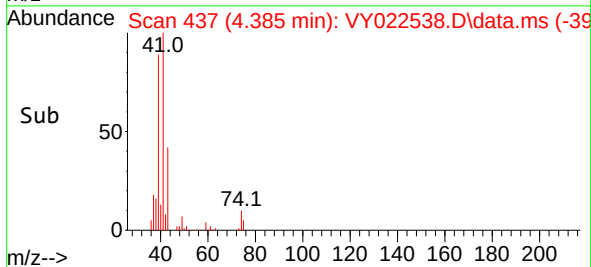
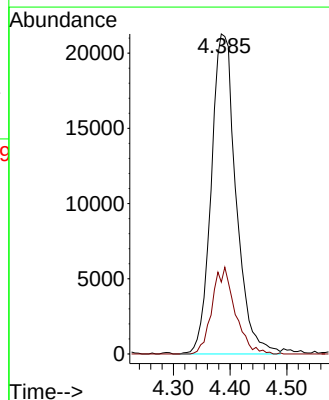
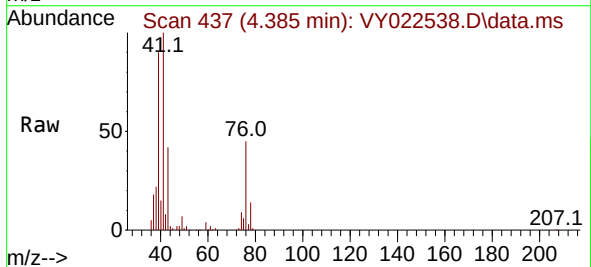
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

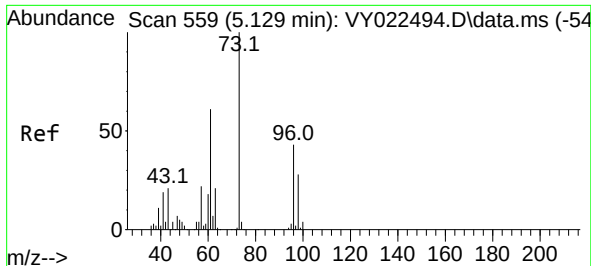
Tgt Ion: 76 Resp: 303821
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 51.330 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion: 43 Resp: 64548
Ion Ratio Lower Upper
43 100
74 25.2 19.8 29.6

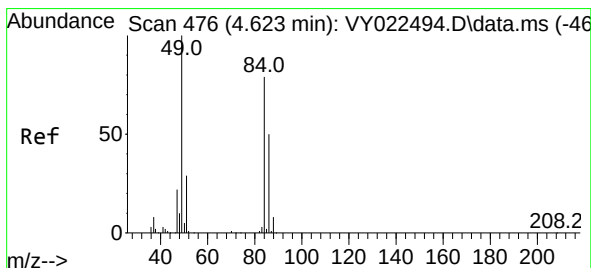
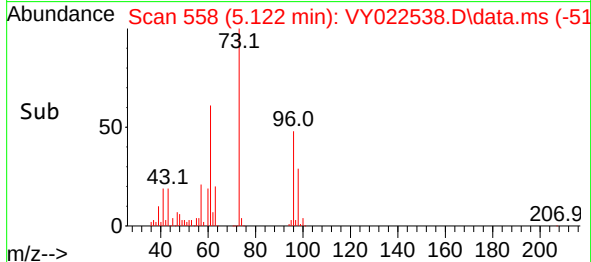
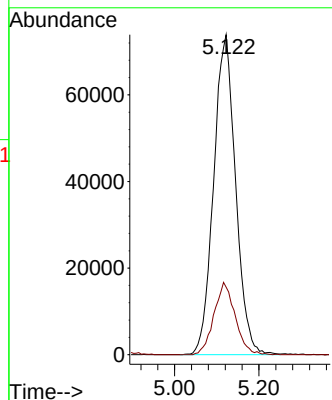
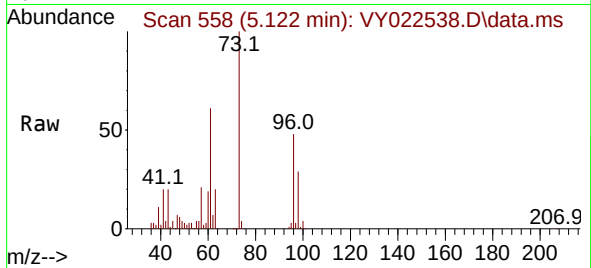




#19
Methyl tert-butyl Ether
Concen: 48.322 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

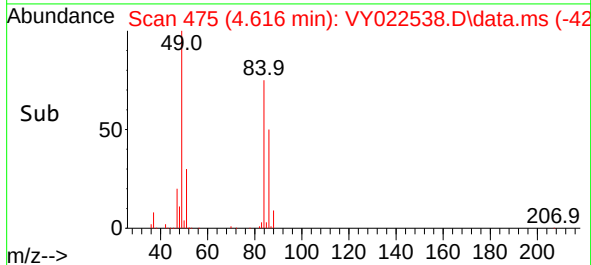
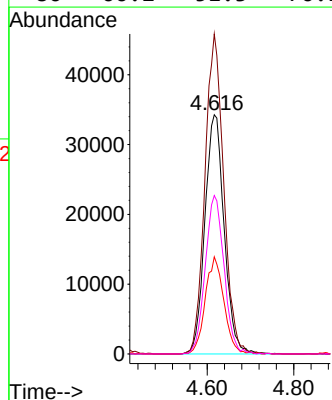
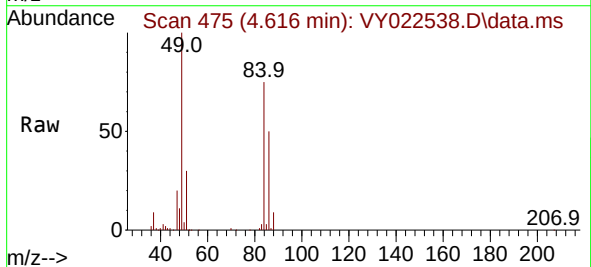
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

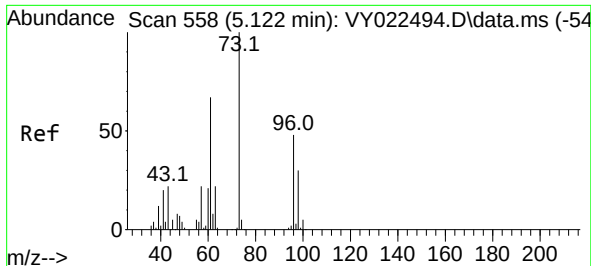
Tgt Ion: 73 Resp: 266837
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.0



#20
Methylene Chloride
Concen: 43.934 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion: 84 Resp: 105976
Ion Ratio Lower Upper
84 100
49 133.8 101.9 152.9
51 40.6 29.8 44.8
86 66.2 51.3 76.9

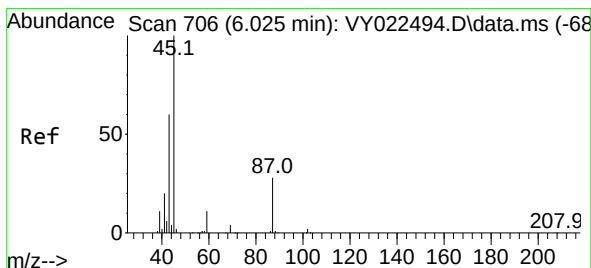
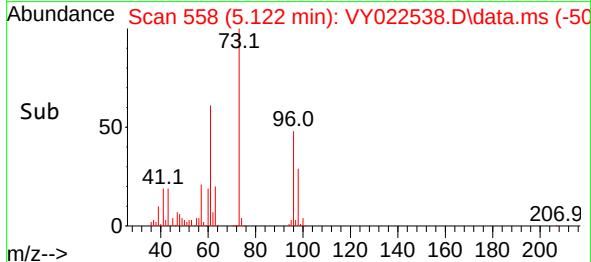
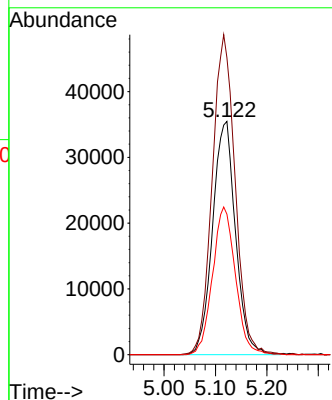
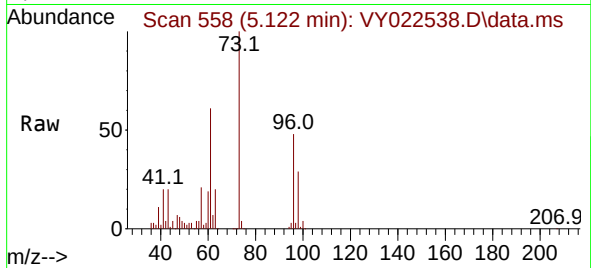




#21
trans-1,2-Dichloroethene
Concen: 50.091 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

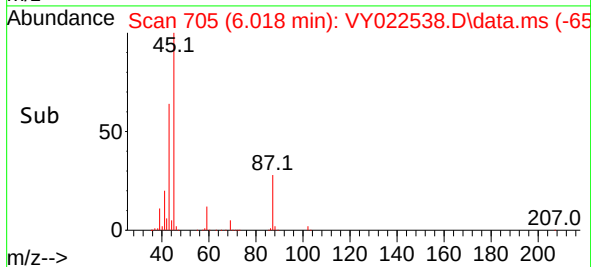
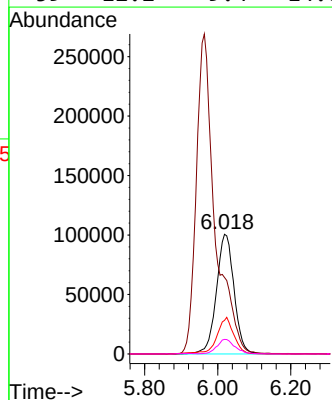
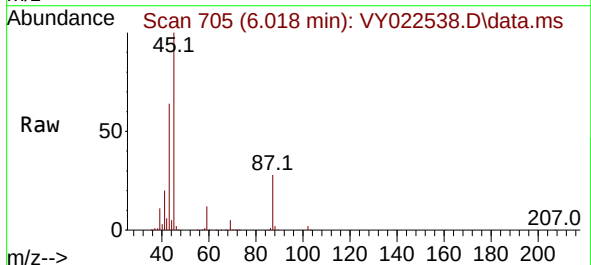
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

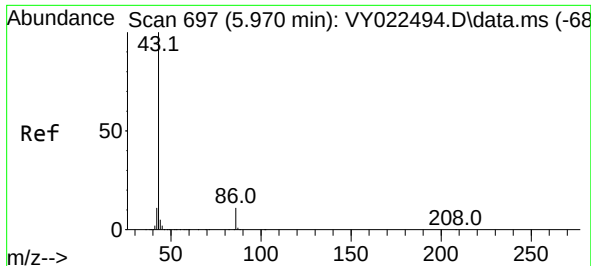
Tgt Ion: 96 Resp: 109911
Ion Ratio Lower Upper
96 100
61 127.3 112.6 169.0
98 60.3 50.6 75.8



#22
Diisopropyl ether
Concen: 49.283 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion: 45 Resp: 337633
Ion Ratio Lower Upper
45 100
43 63.5 48.3 72.5
87 28.0 23.0 34.6
59 12.2 9.4 14.0

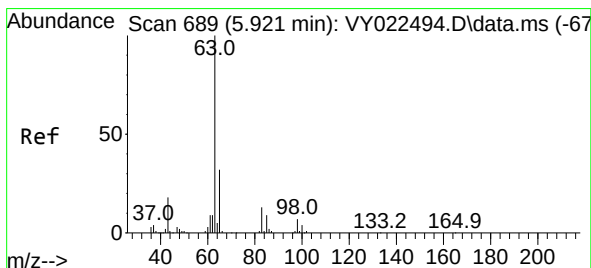
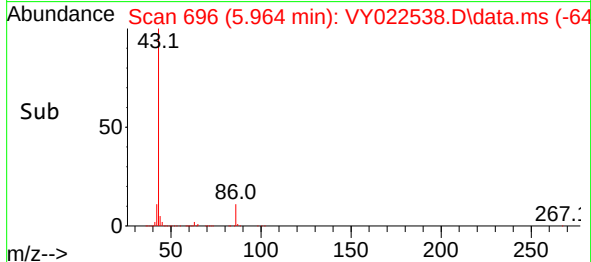
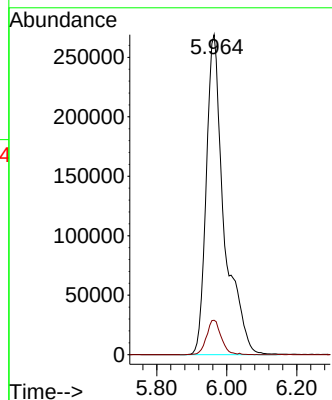
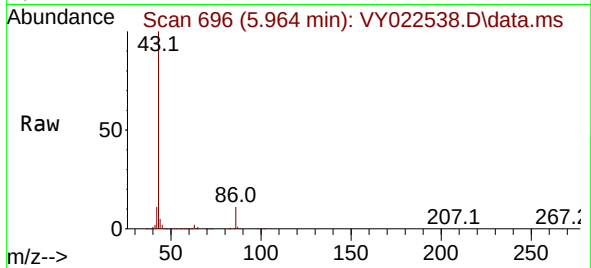




#23
 Vinyl Acetate
 Concen: 236.032 ug/l
 RT: 5.964 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY022538.D
 Acq: 04 Jun 2025 09:54

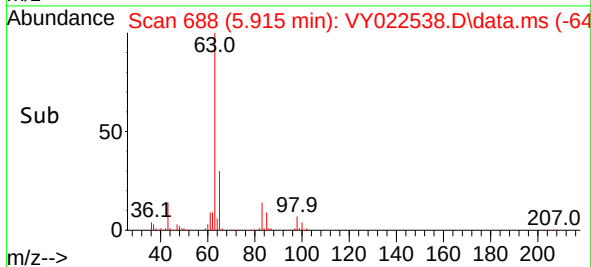
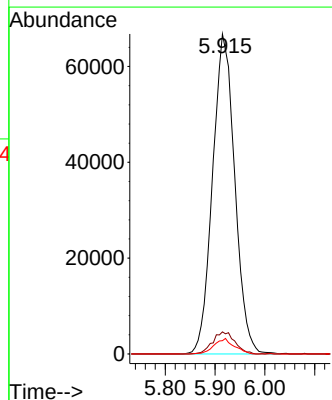
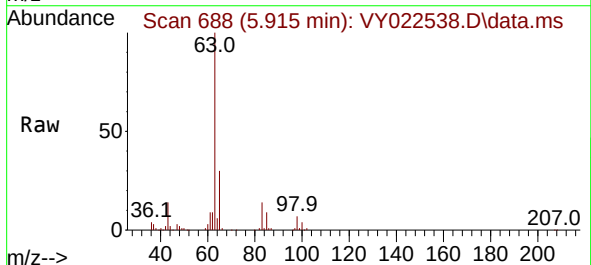
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

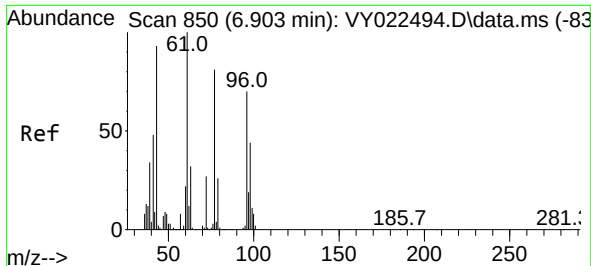
Tgt Ion: 43 Resp: 957071
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 51.250 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022538.D
 Acq: 04 Jun 2025 09:54

Tgt Ion: 63 Resp: 206841
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.2 2.1 6.3

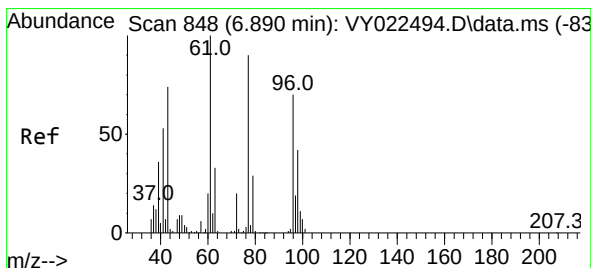
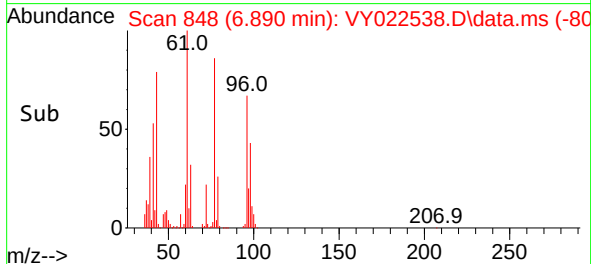
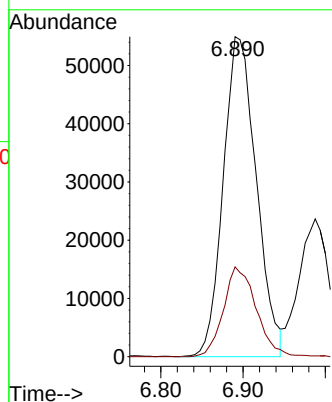
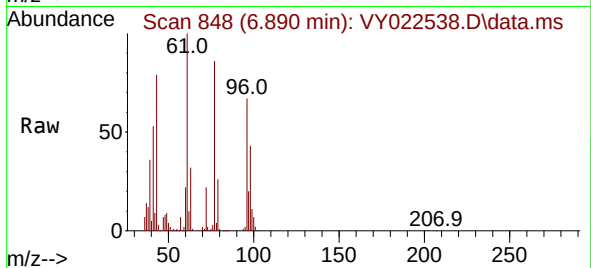




#25
2-Butanone
Concen: 250.736 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

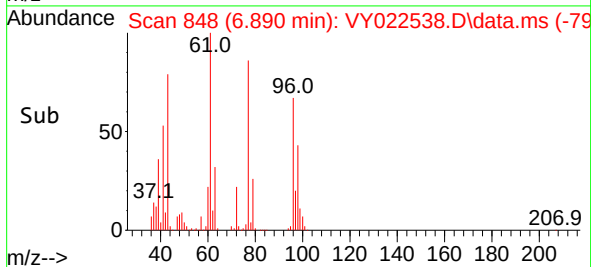
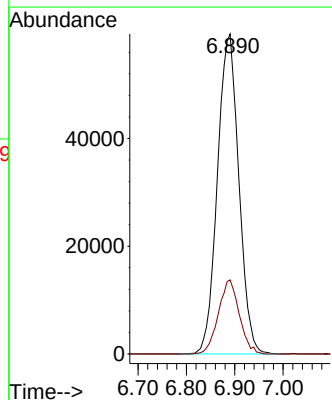
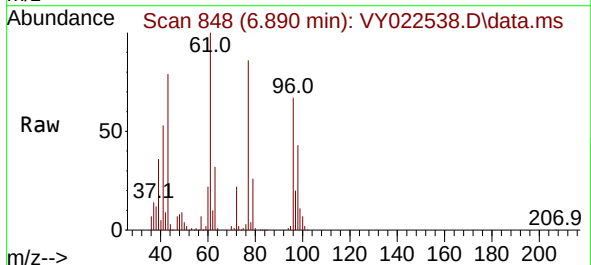
Instrument :
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ClientSampleId :
VSTDCCC050

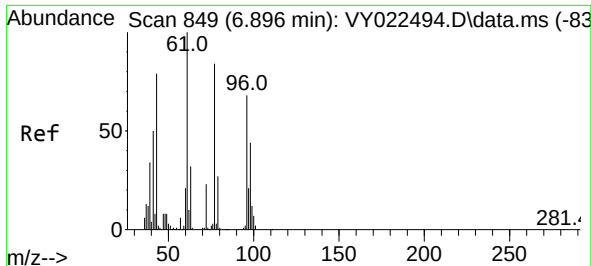
Tgt Ion: 43 Resp: 153585
Ion Ratio Lower Upper
43 100
72 28.0 22.9 34.3



#26
2,2-Dichloropropane
Concen: 51.193 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion: 77 Resp: 182553
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 50.980 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

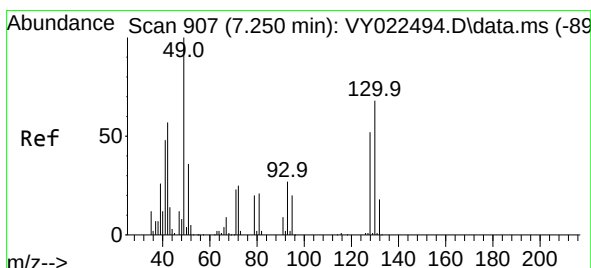
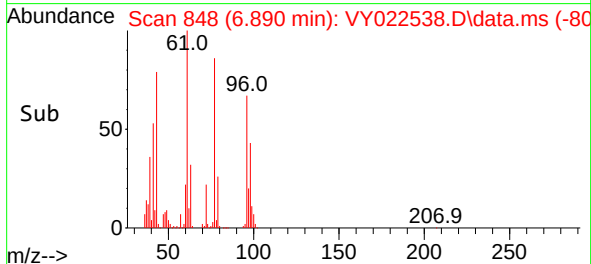
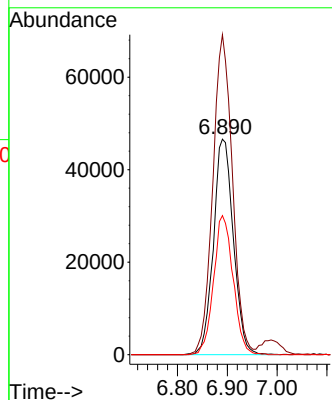
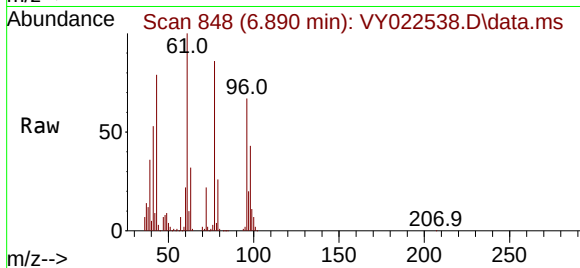
Tgt Ion: 96 Resp: 129296

Ion Ratio Lower Upper

96 100

61 146.2 0.0 290.0

98 63.2 0.0 128.4



#28

Bromochloromethane

Concen: 49.623 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

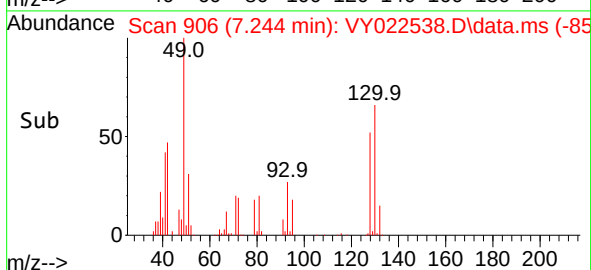
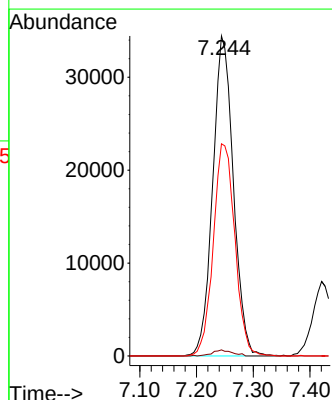
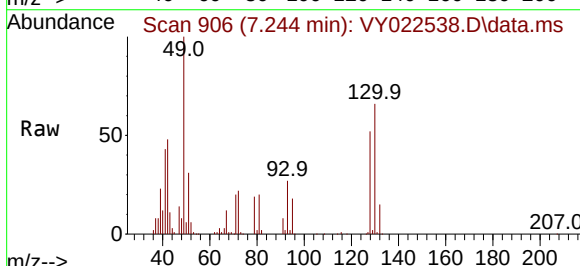
Tgt Ion: 49 Resp: 87302

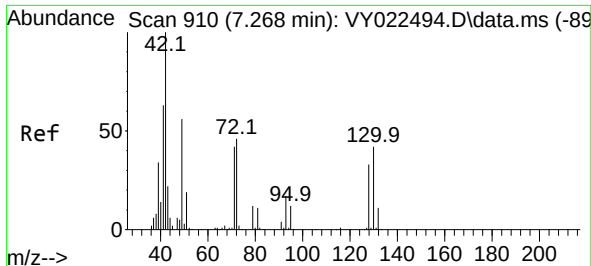
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

130 69.1 55.7 83.5





#29

Tetrahydrofuran

Concen: 229.379 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

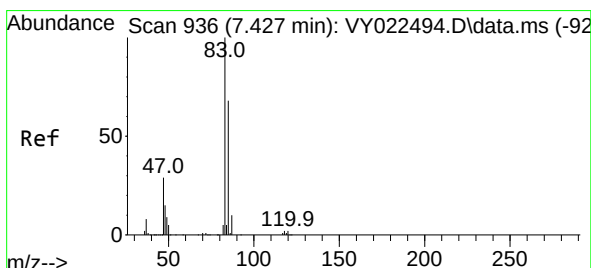
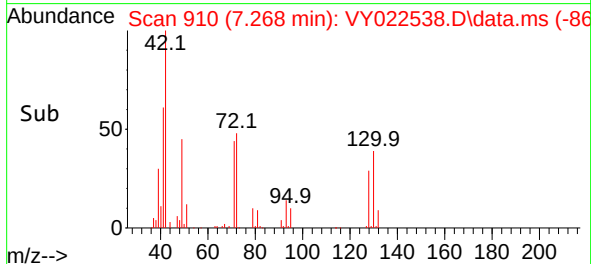
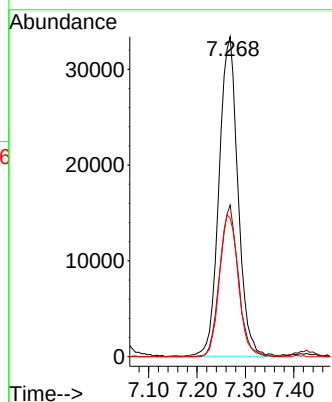
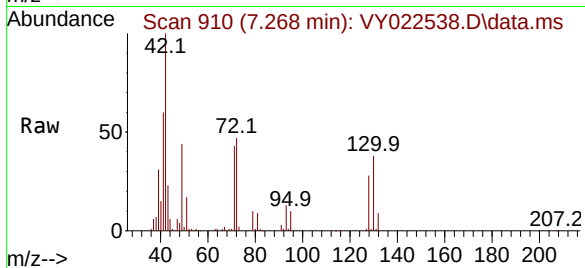
Tgt Ion: 42 Resp: 90620

Ion Ratio Lower Upper

42 100

72 46.2 37.4 56.2

71 44.5 34.2 51.2



#30

Chloroform

Concen: 51.148 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022538.D

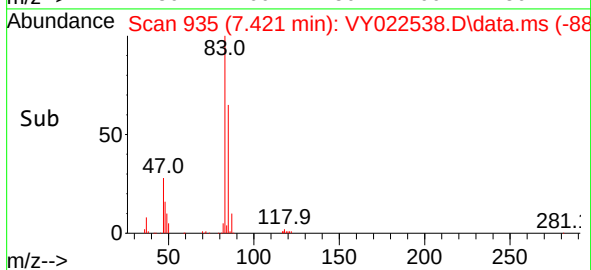
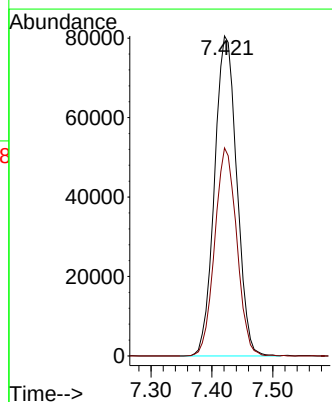
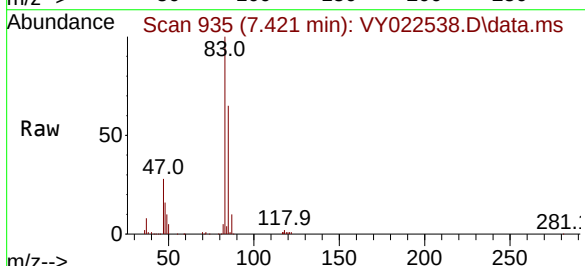
Acq: 04 Jun 2025 09:54

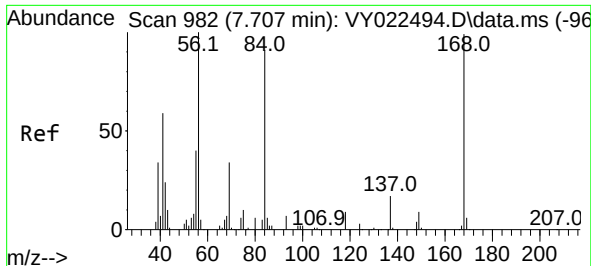
Tgt Ion: 83 Resp: 204467

Ion Ratio Lower Upper

83 100

85 65.0 54.2 81.4

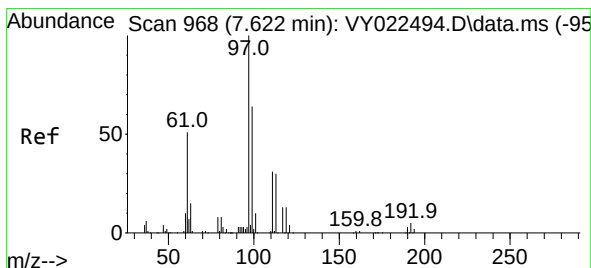
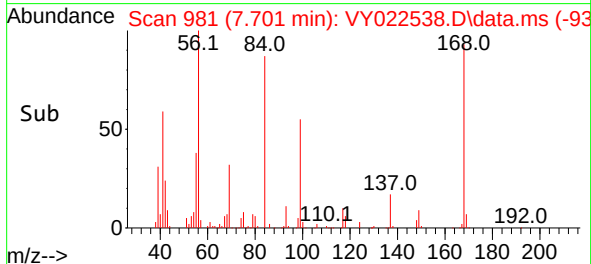
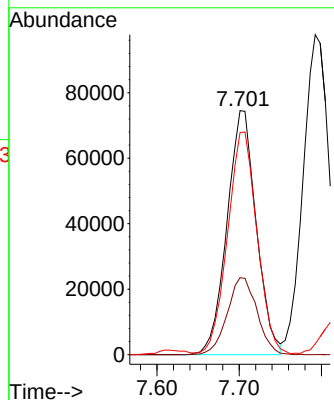
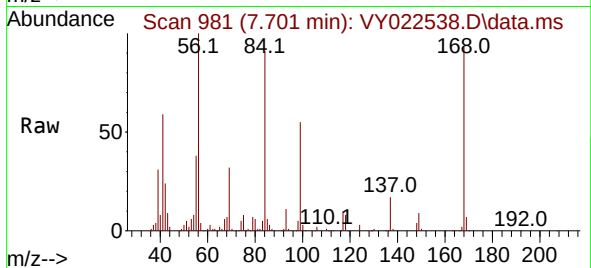




#31
Cyclohexane
Concen: 45.964 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

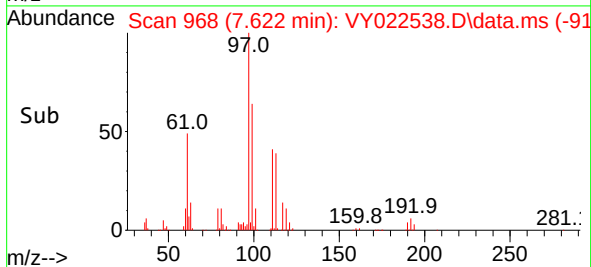
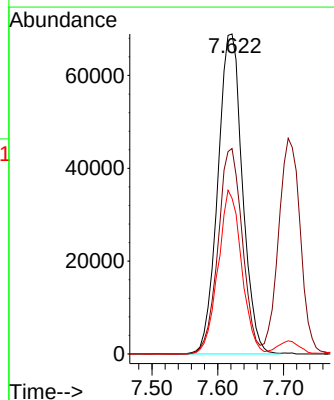
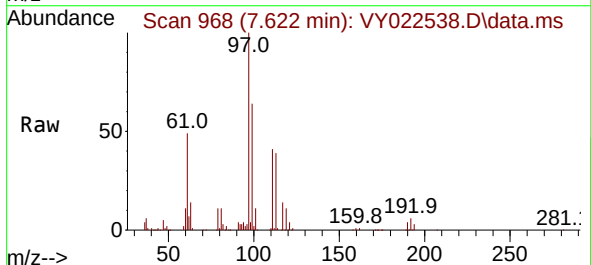
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

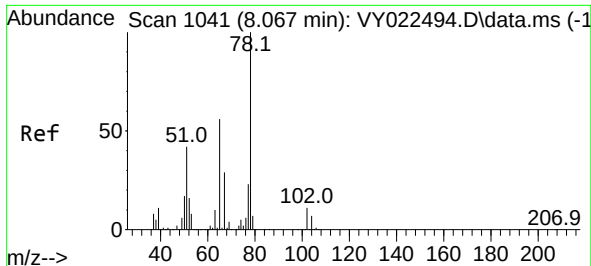
Tgt Ion: 56 Resp: 184681
Ion Ratio Lower Upper
56 100
69 31.6 27.0 40.6
84 89.6 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 50.587 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion: 97 Resp: 179519
Ion Ratio Lower Upper
97 100
99 63.4 50.9 76.3
61 48.8 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 50.309 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

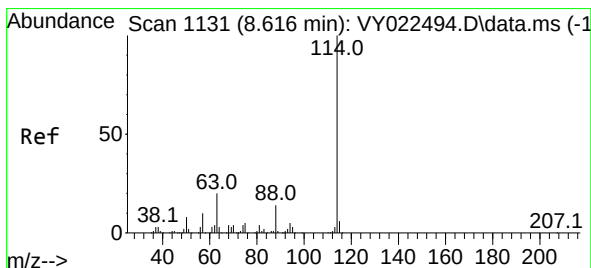
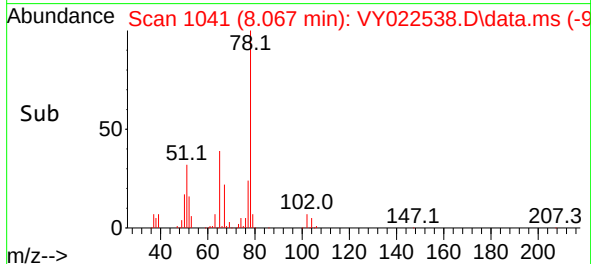
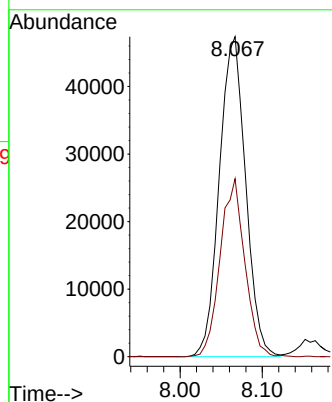
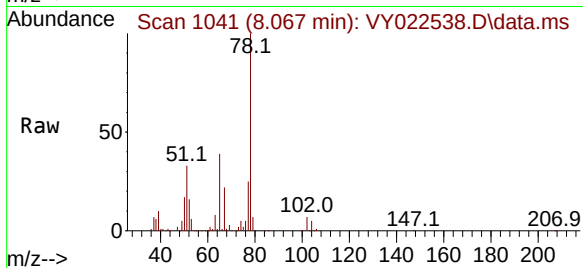
VSTDCCC050

Tgt Ion: 65 Resp: 105197

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

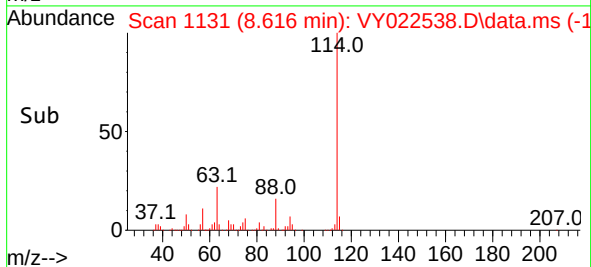
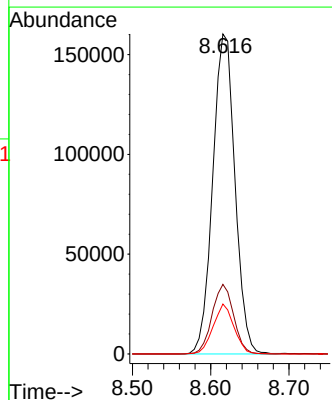
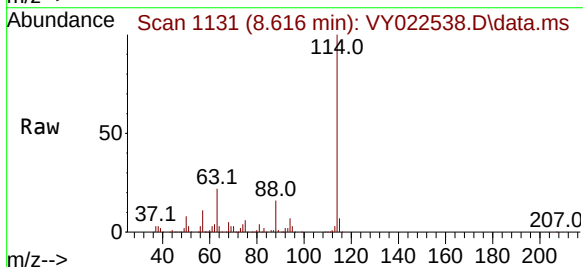
Tgt Ion: 114 Resp: 316261

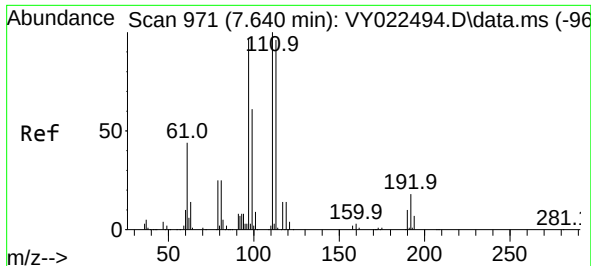
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.8

88 15.6 0.0 27.8

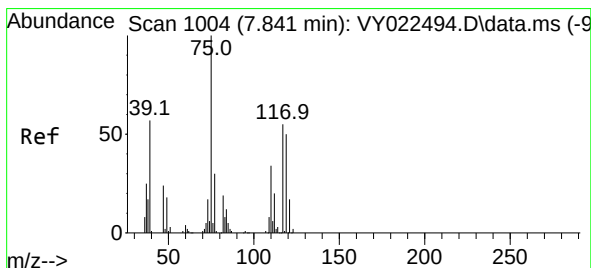
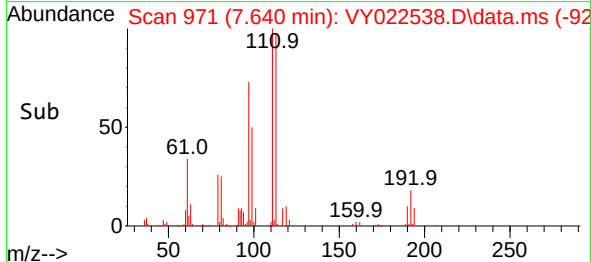
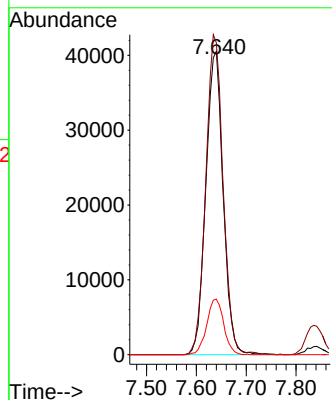
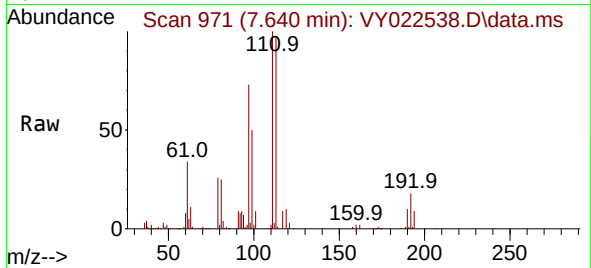




#35
Dibromofluoromethane
Concen: 51.754 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

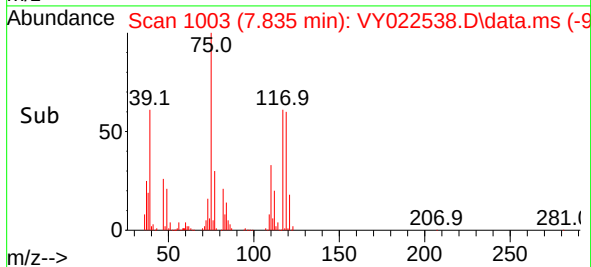
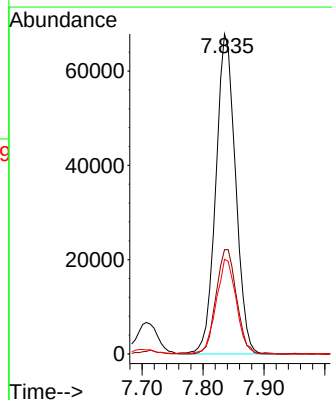
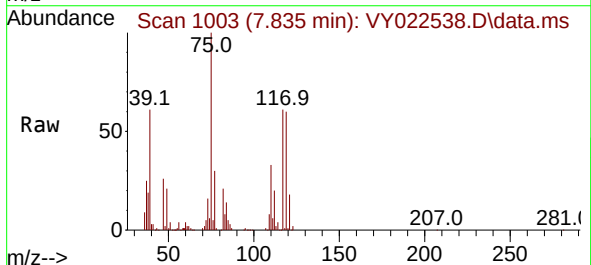
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

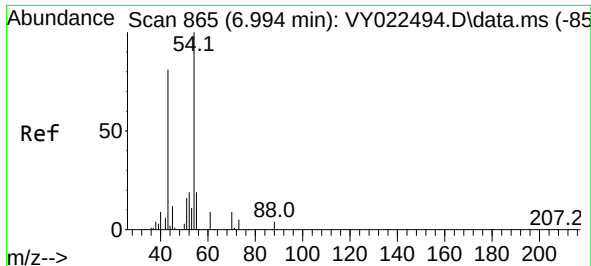
Tgt Ion:113 Resp: 97696
Ion Ratio Lower Upper
113 100
111 104.8 81.1 121.7
192 18.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 49.807 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion: 75 Resp: 152597
Ion Ratio Lower Upper
75 100
110 33.8 16.9 50.7
77 30.2 24.8 37.2





#37

Ethyl Acetate

Concen: 47.304 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

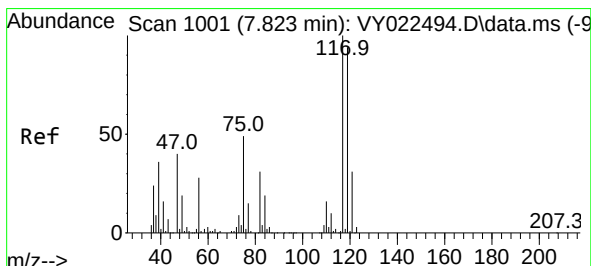
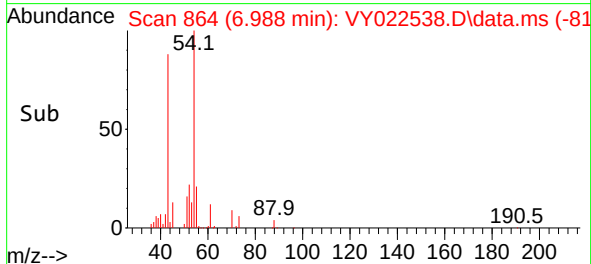
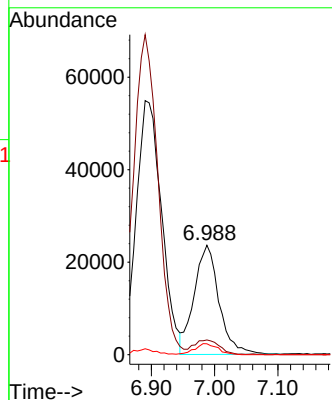
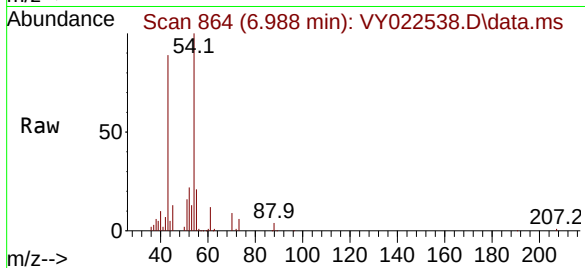
Tgt Ion: 43 Resp: 64630

Ion Ratio Lower Upper

43 100

61 13.3 11.5 17.3

70 9.4 7.2 10.8



#38

Carbon Tetrachloride

Concen: 49.727 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

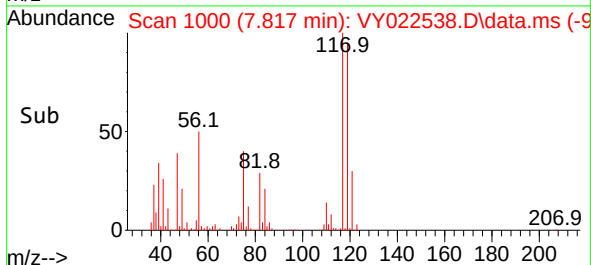
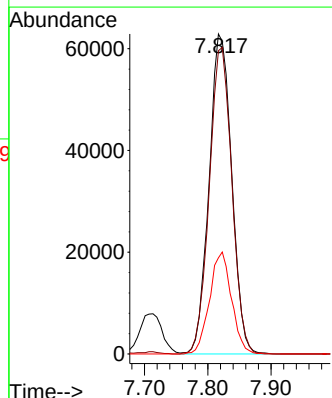
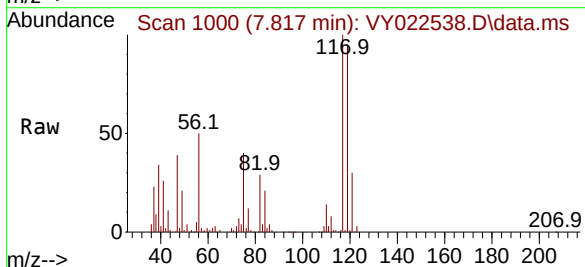
Tgt Ion: 117 Resp: 156290

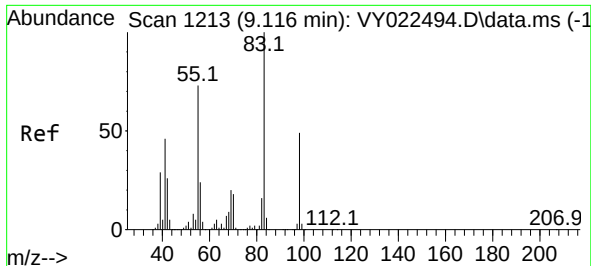
Ion Ratio Lower Upper

117 100

119 94.7 75.0 112.6

121 30.0 25.0 37.4





#39

Methylcyclohexane

Concen: 47.727 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

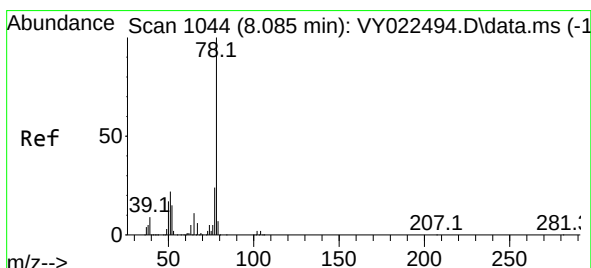
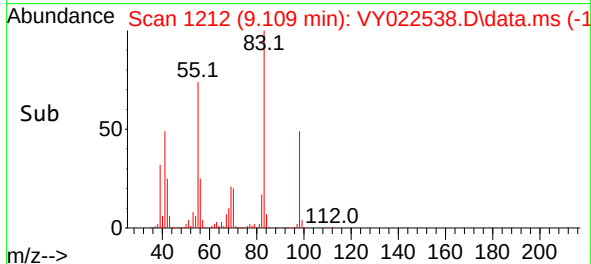
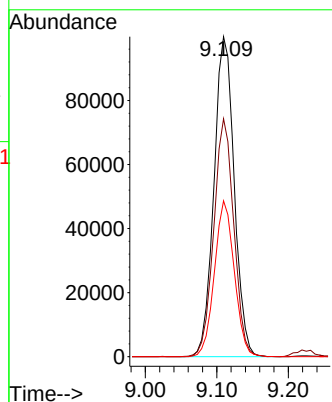
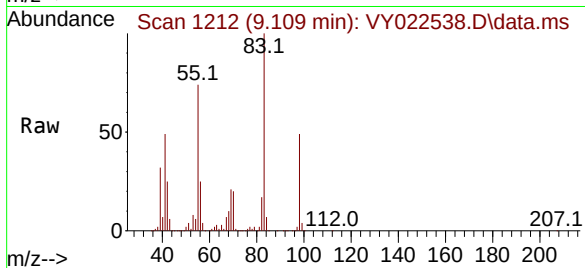
Tgt Ion: 83 Resp: 196502

Ion Ratio Lower Upper

83 100

55 74.3 58.1 87.1

98 48.7 39.0 58.6



#40

Benzene

Concen: 50.792 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022538.D

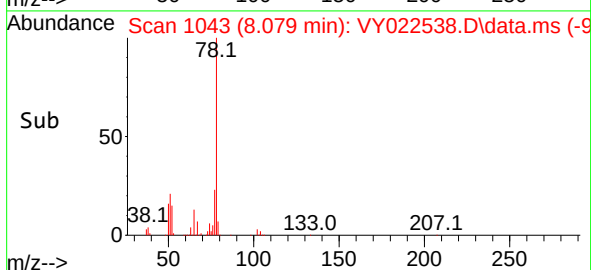
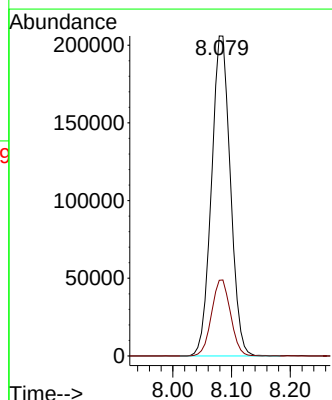
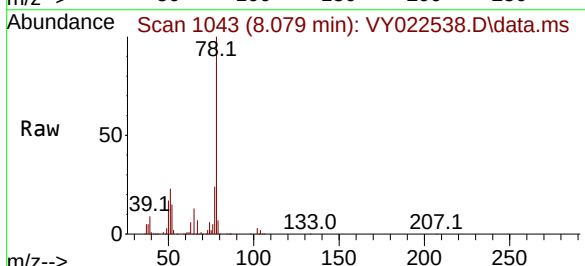
Acq: 04 Jun 2025 09:54

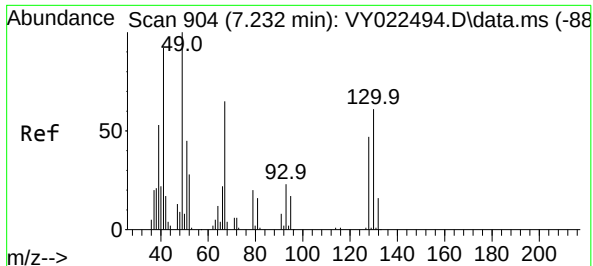
Tgt Ion: 78 Resp: 459613

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9

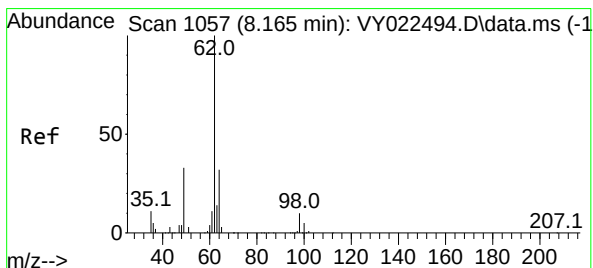
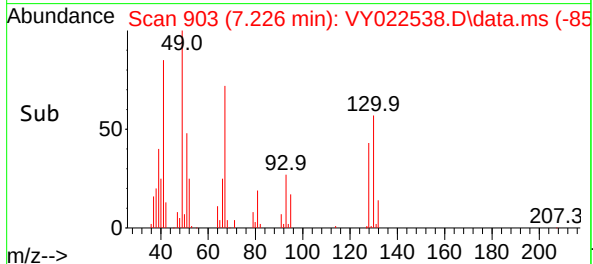
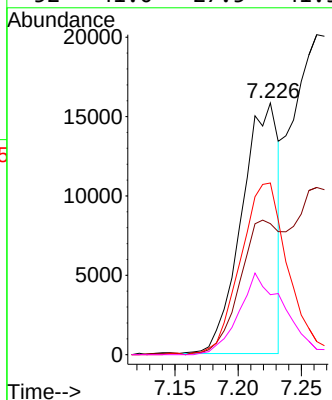
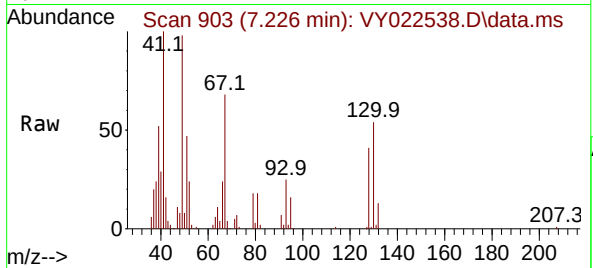




#41
Methacrylonitrile
Concen: 40.086 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

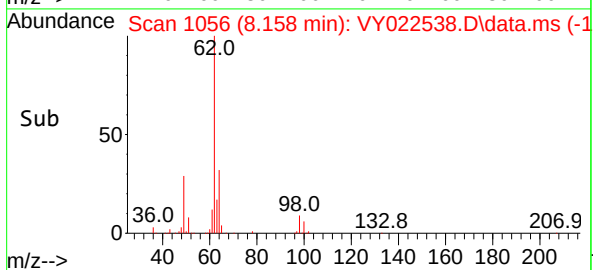
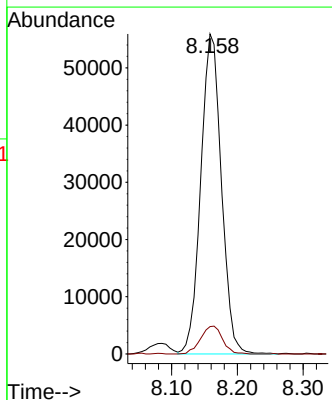
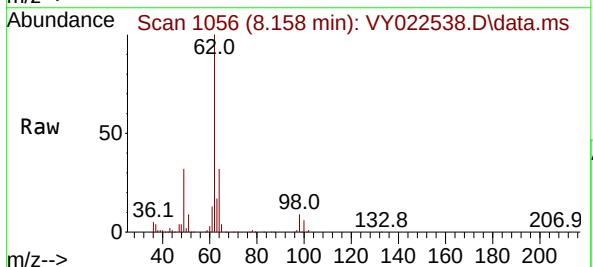
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

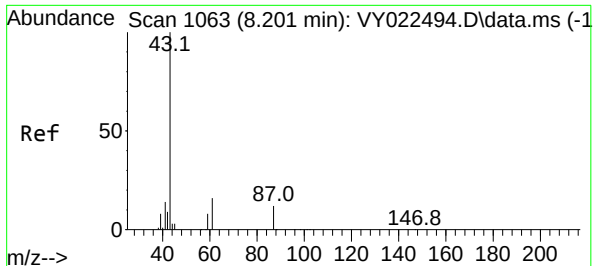
Tgt Ion:	41	Resp:	31991
Ion	Ratio	Lower	Upper
41	100		
39	65.1	46.6	69.8
67	88.7	63.3	94.9
52	41.0	27.5	41.3



#42
1,2-Dichloroethane
Concen: 49.361 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion:	62	Resp:	121961
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2

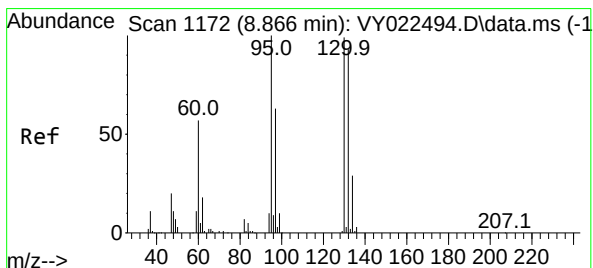
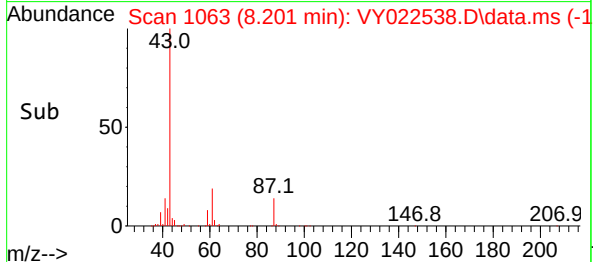
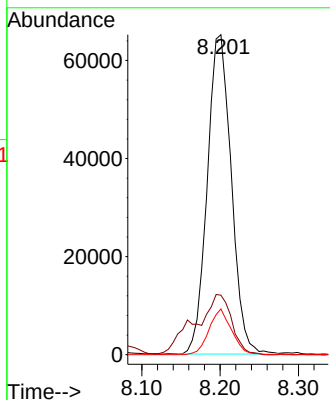
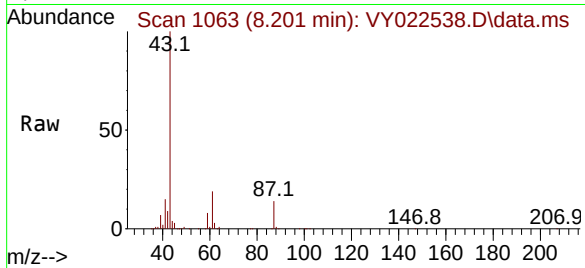




#43
Isopropyl Acetate
Concen: 47.106 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

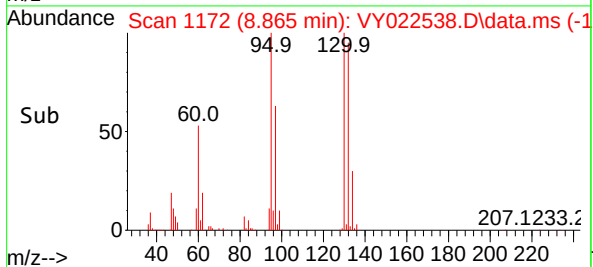
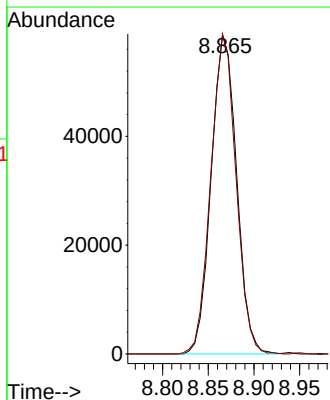
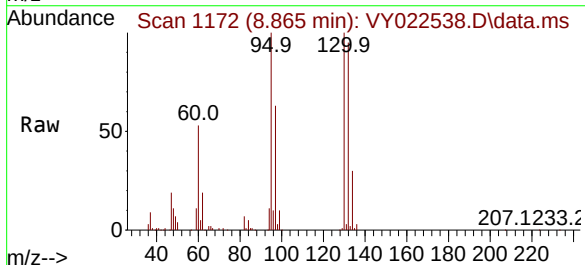
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

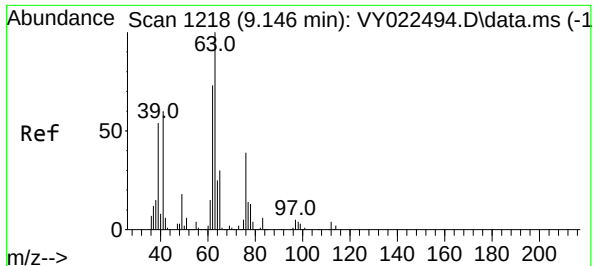
Tgt Ion: 43 Resp: 138999
Ion Ratio Lower Upper
43 100
61 18.5 15.6 23.4
87 13.4 10.2 15.4



#44
Trichloroethene
Concen: 51.205 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion:130 Resp: 113245
Ion Ratio Lower Upper
130 100
95 100.4 0.0 203.0





#45

1,2-Dichloropropane

Concen: 50.071 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

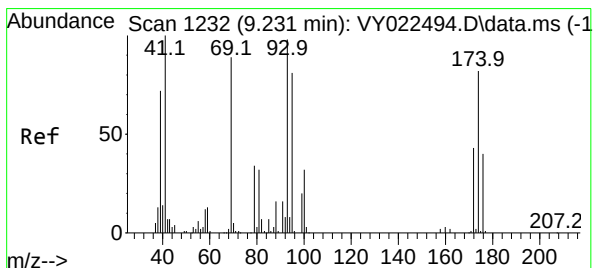
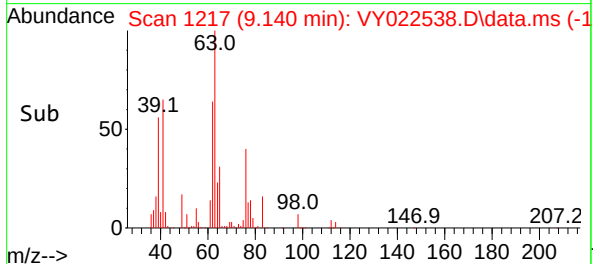
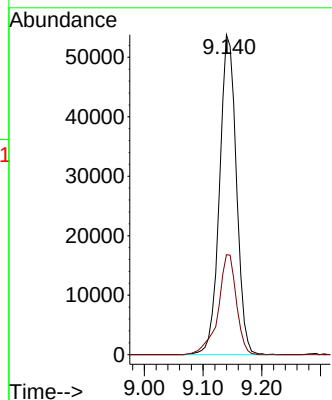
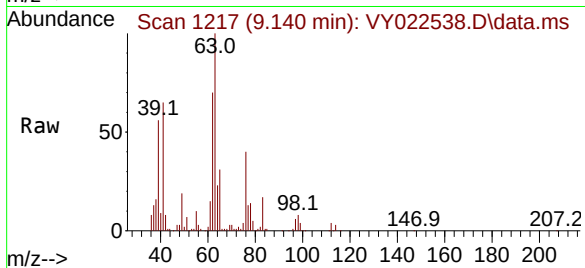
VSTDCCC050

Tgt Ion: 63 Resp: 107082

Ion Ratio Lower Upper

63 100

65 31.2 24.0 36.0



#46

Dibromomethane

Concen: 48.104 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

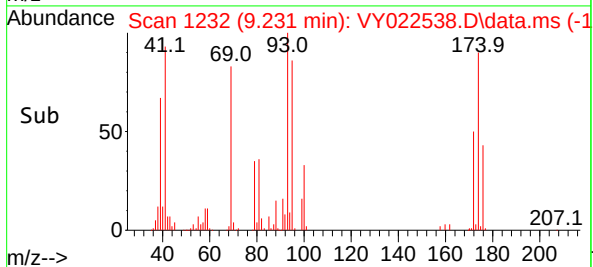
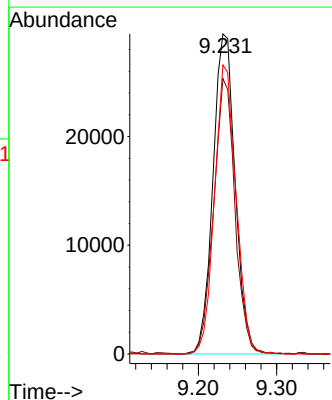
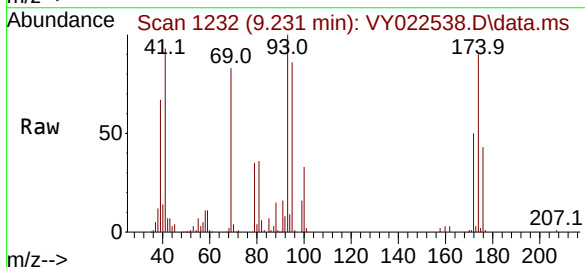
Tgt Ion: 93 Resp: 57876

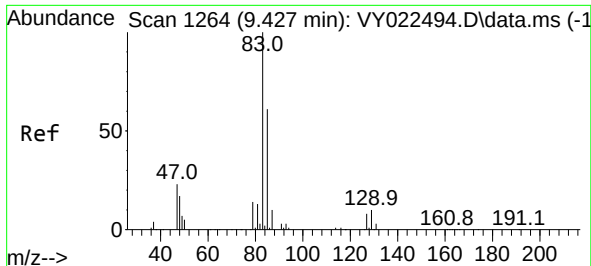
Ion Ratio Lower Upper

93 100

95 82.8 65.6 98.4

174 87.8 70.4 105.6



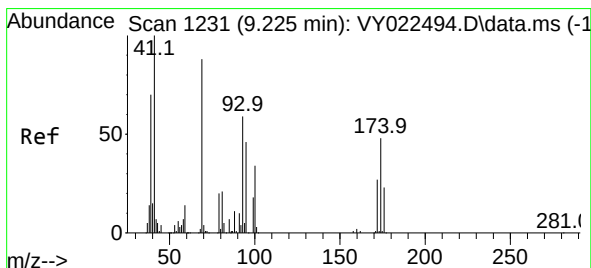
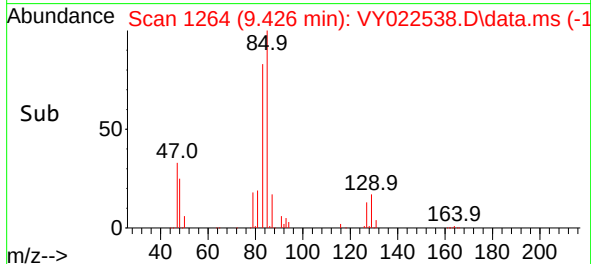
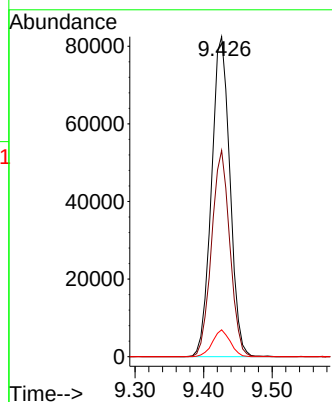
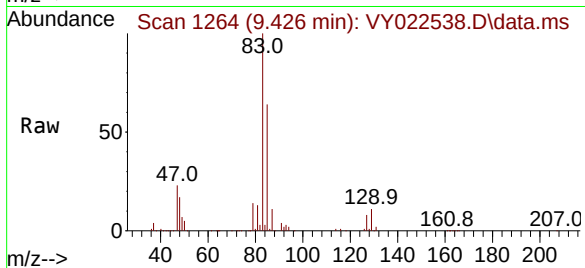


#47
 Bromodichloromethane
 Concen: 50.497 ug/l
 RT: 9.426 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY022538.D
 Acq: 04 Jun 2025 09:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 154053

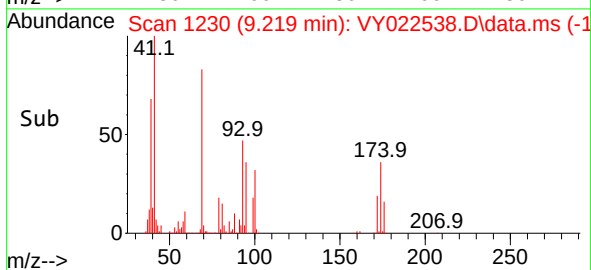
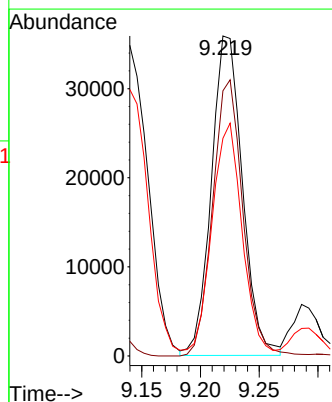
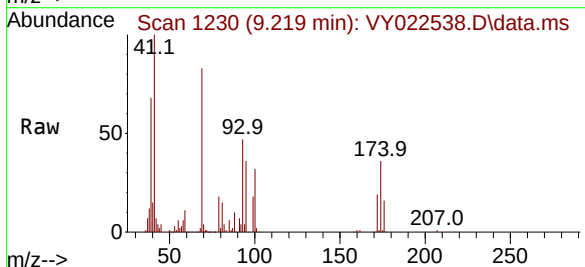
Ion	Ratio	Lower	Upper
83	100		
85	64.5	49.1	73.7
127	8.4	6.2	9.4

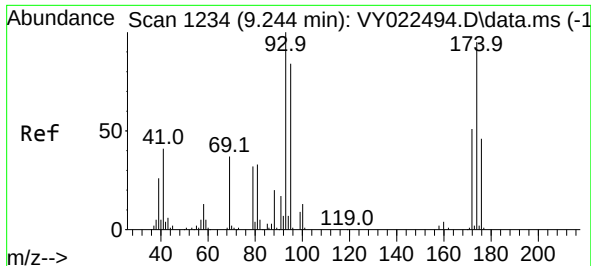


#48
 Methyl methacrylate
 Concen: 47.717 ug/l
 RT: 9.219 min Scan# 1230
 Delta R.T. -0.006 min
 Lab File: VY022538.D
 Acq: 04 Jun 2025 09:54

Tgt Ion: 41 Resp: 66082

Ion	Ratio	Lower	Upper
41	100		
69	84.0	67.8	101.8
39	67.8	55.0	82.4

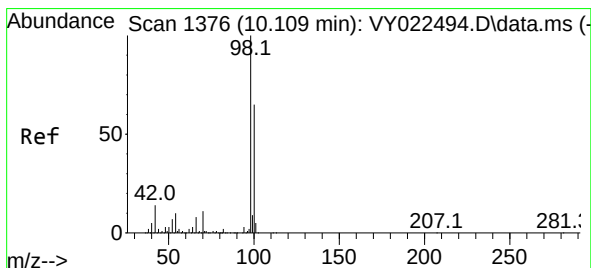
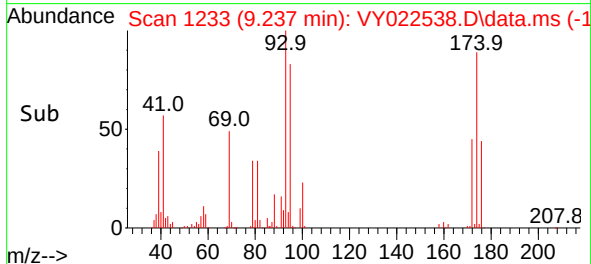
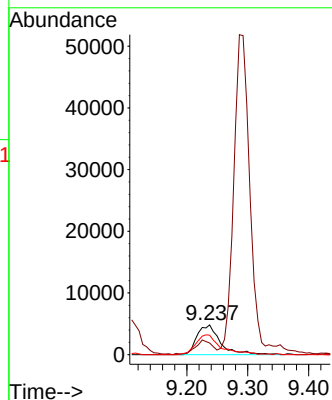
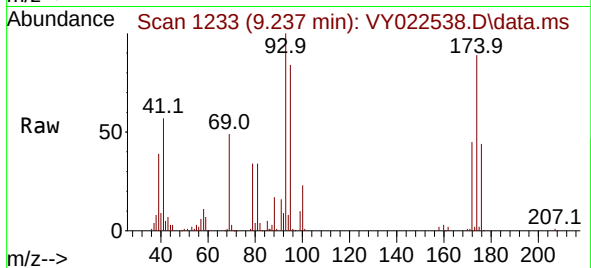




#49
1,4-Dioxane
Concen: 899.629 ug/l
RT: 9.237 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

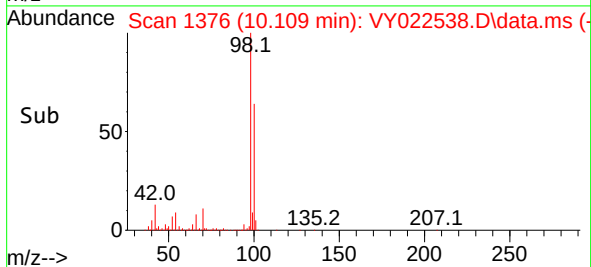
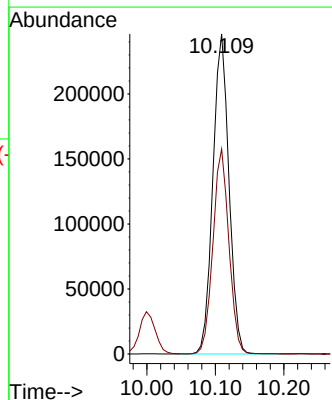
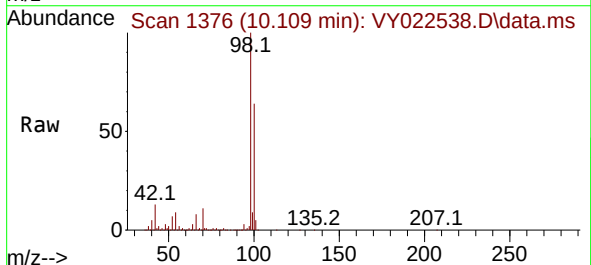
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

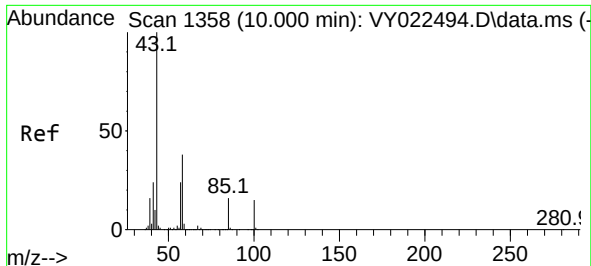
Tgt Ion: 88 Resp: 12823
Ion Ratio Lower Upper
88 100
43 36.5 25.4 38.2
58 71.8 54.9 82.3



#50
Toluene-d8
Concen: 52.566 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion: 98 Resp: 400949
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0

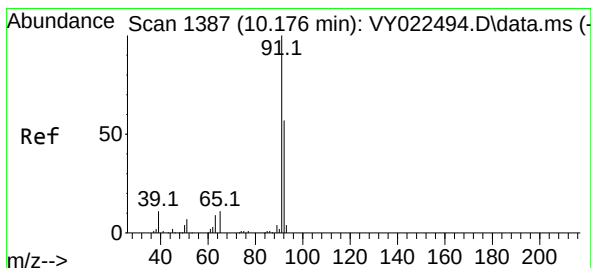
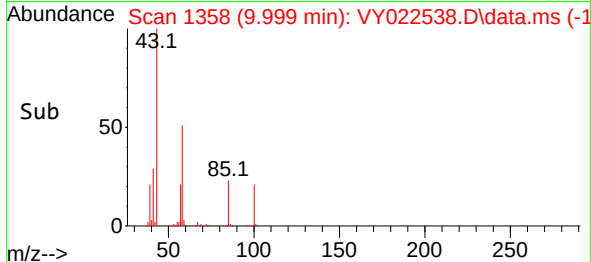
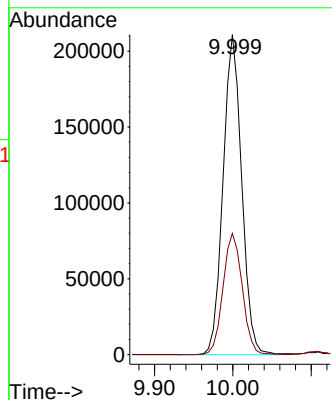
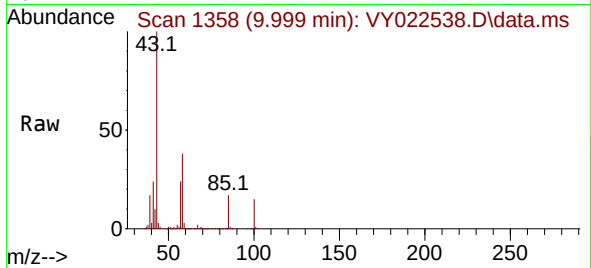




#51
4-Methyl-2-Pentanone
Concen: 237.102 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

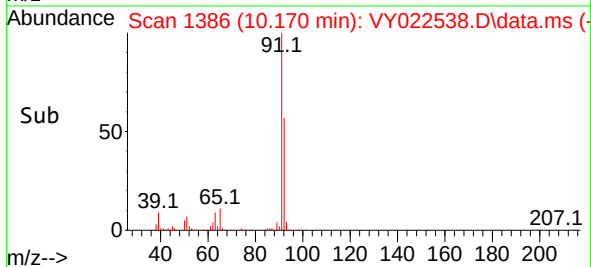
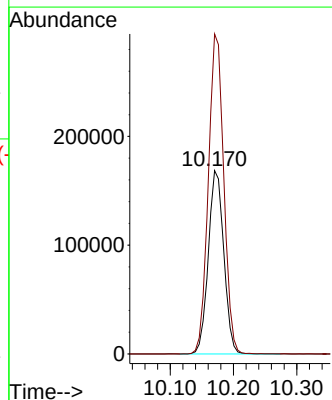
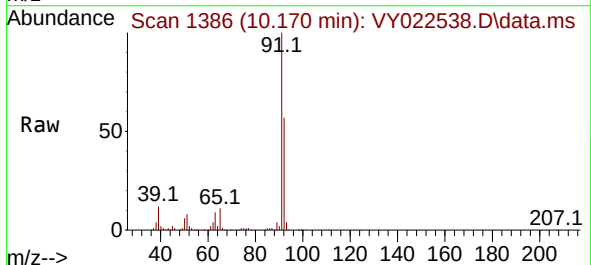
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

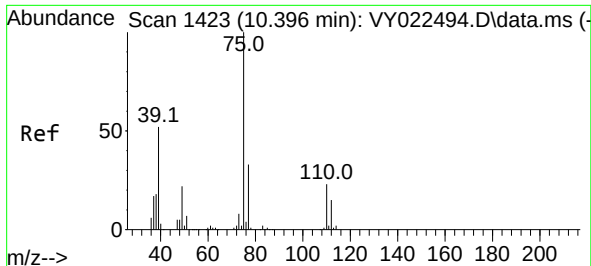
Tgt Ion: 43 Resp: 348816
Ion Ratio Lower Upper
43 100
58 39.1 30.4 45.6



#52
Toluene
Concen: 50.467 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion: 92 Resp: 286991
Ion Ratio Lower Upper
92 100
91 174.1 139.0 208.4

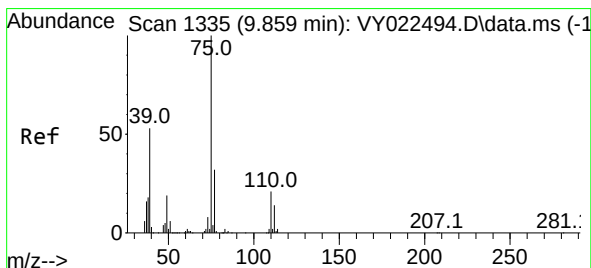
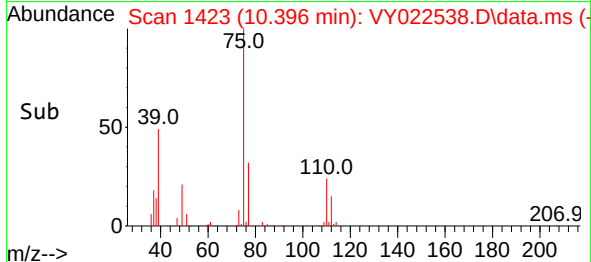
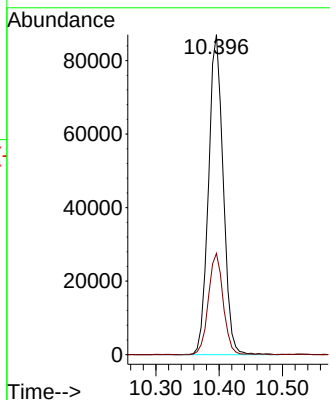
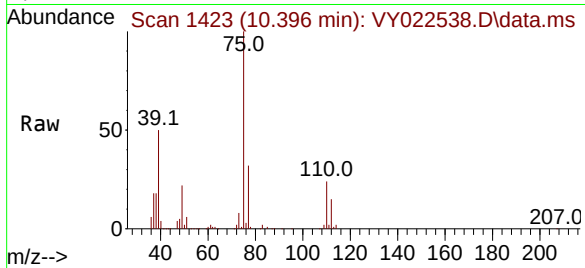




#53
t-1,3-Dichloropropene
Concen: 49.207 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

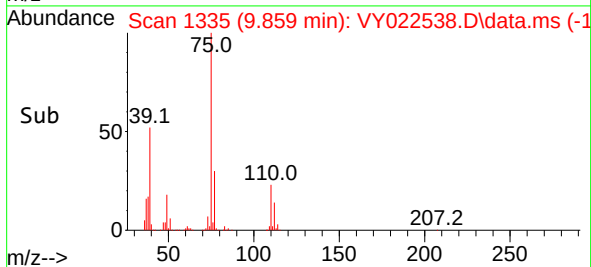
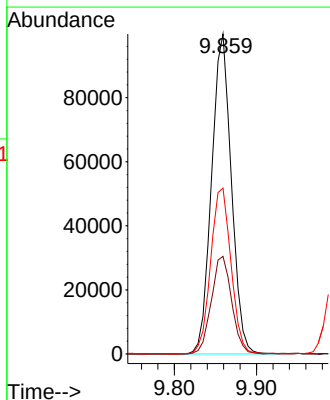
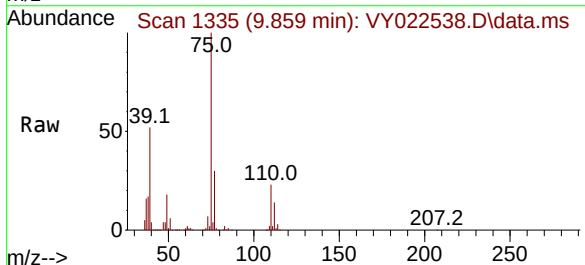
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

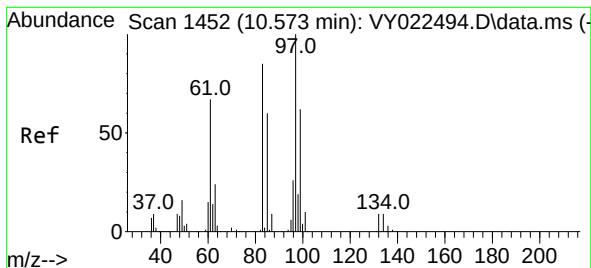
Tgt Ion: 75 Resp: 140654
Ion Ratio Lower Upper
75 100
77 31.7 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 50.108 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion: 75 Resp: 166728
Ion Ratio Lower Upper
75 100
77 30.5 25.3 37.9
39 51.9 42.7 64.1

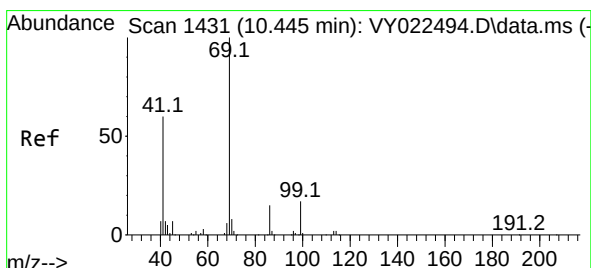
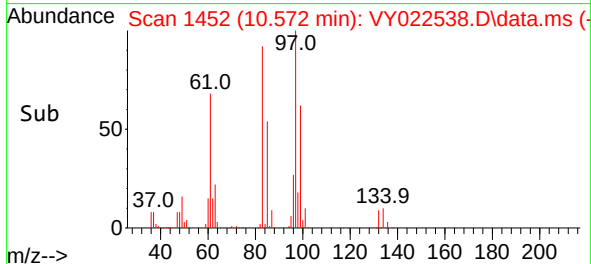
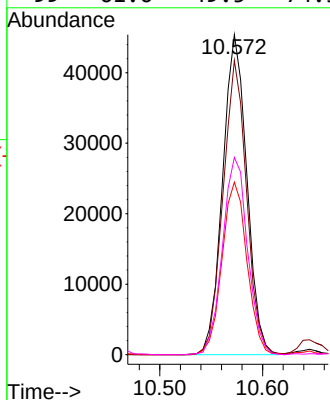
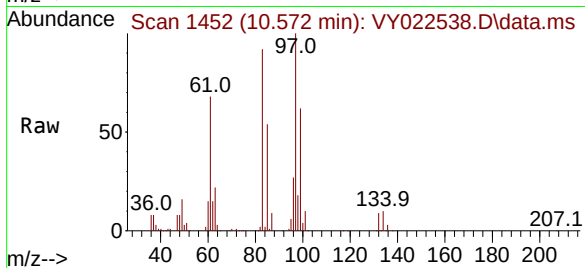




#55
1,1,2-Trichloroethane
Concen: 48.401 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

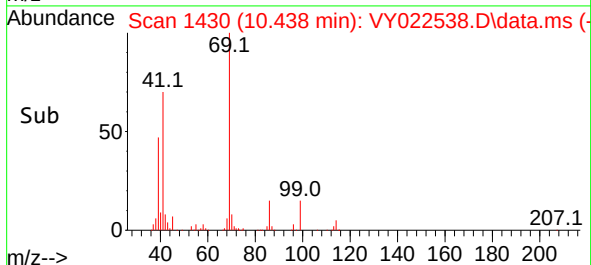
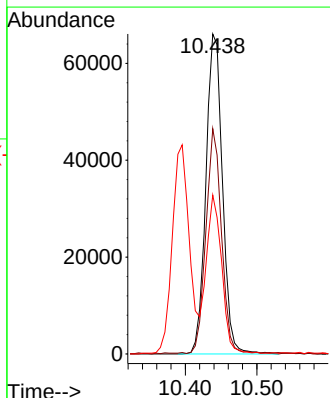
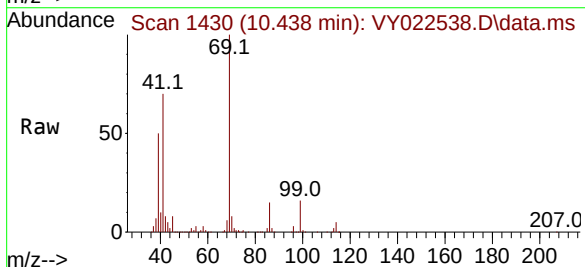
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

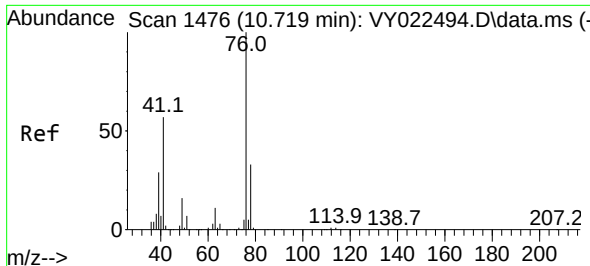
Tgt Ion:	97	Resp:	74255
Ion	Ratio	Lower	Upper
97	100		
83	92.0	68.1	102.1
85	53.9	48.2	72.2
99	61.6	49.5	74.3



#56
Ethyl methacrylate
Concen: 47.850 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion:	69	Resp:	106100
Ion	Ratio	Lower	Upper
69	100		
41	65.9	52.2	78.2
39	45.4	36.7	55.1





#57

1,3-Dichloropropane

Concen: 48.617 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

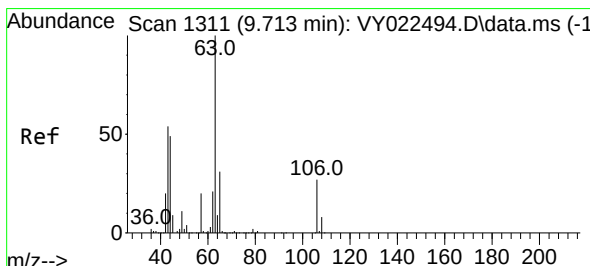
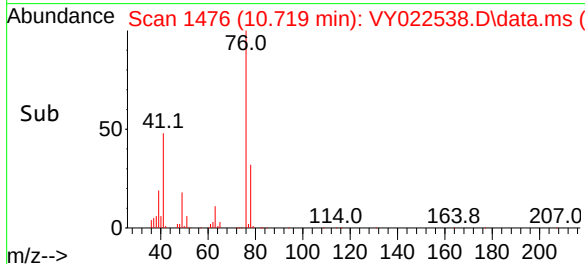
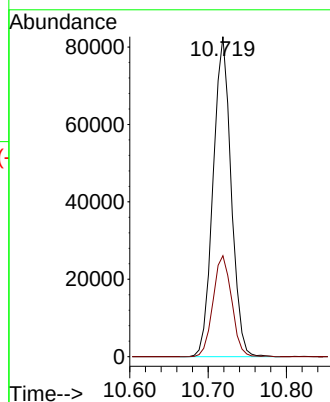
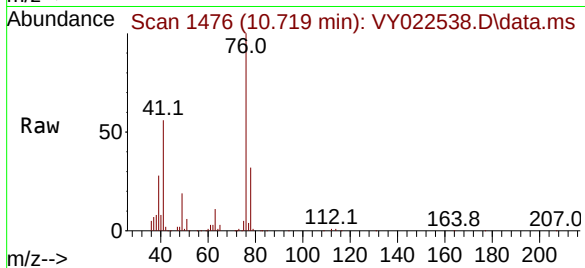
VSTDCCC050

Tgt Ion: 76 Resp: 132196

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 262.615 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022538.D

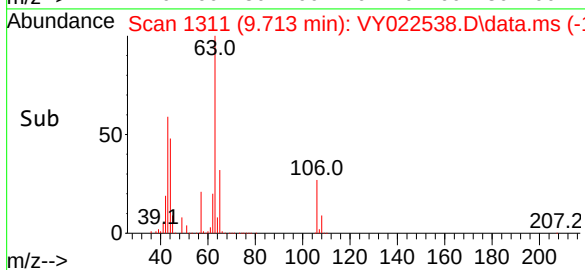
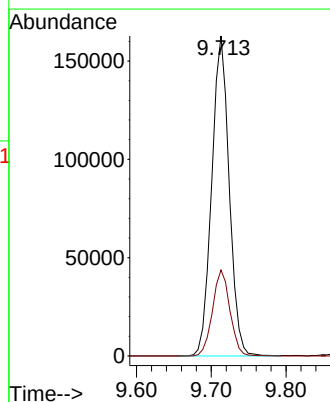
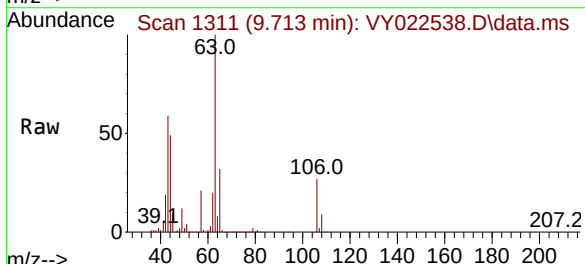
Acq: 04 Jun 2025 09:54

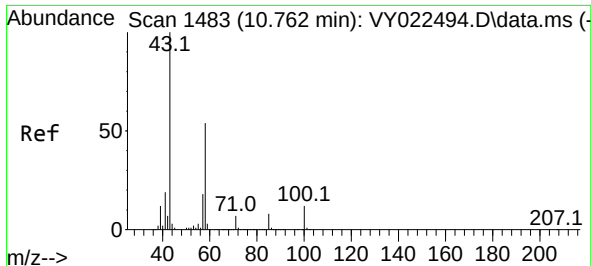
Tgt Ion: 63 Resp: 264382

Ion Ratio Lower Upper

63 100

106 26.7 21.6 32.4

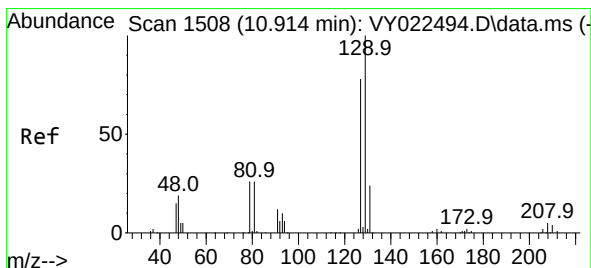
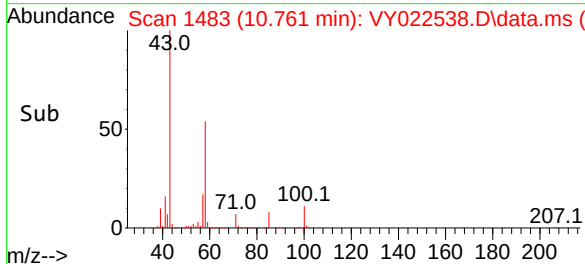
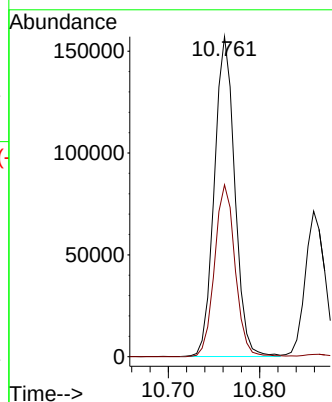
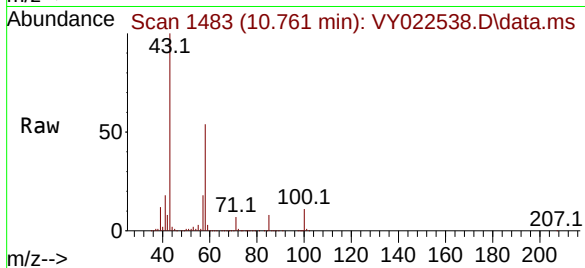




#59
2-Hexanone
Concen: 247.792 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

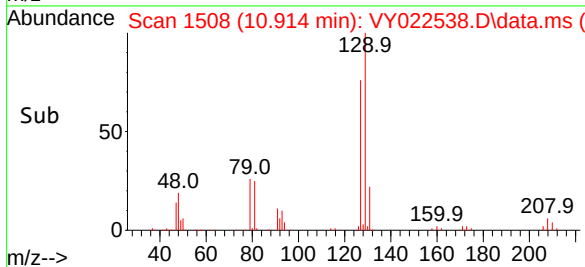
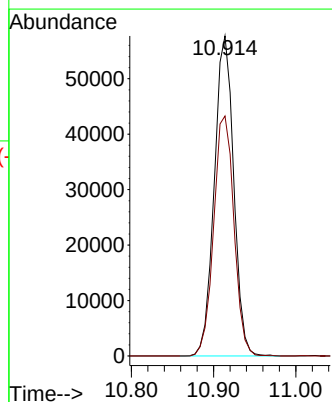
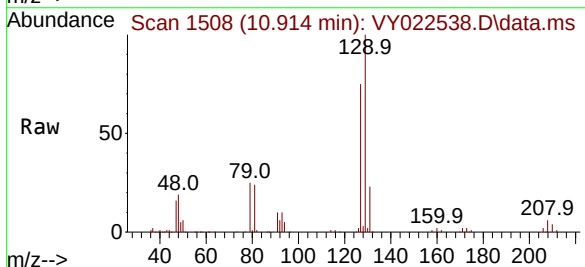
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

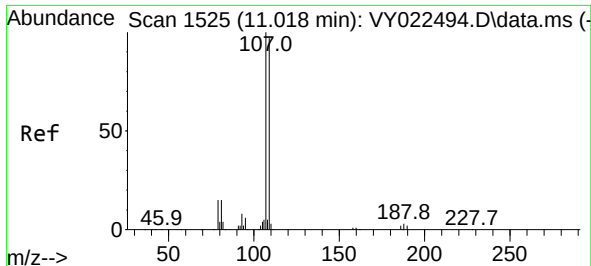
Tgt Ion: 43 Resp: 243804
Ion Ratio Lower Upper
43 100
58 54.1 27.3 81.8



#60
Dibromochloromethane
Concen: 48.542 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion: 129 Resp: 94640
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.2

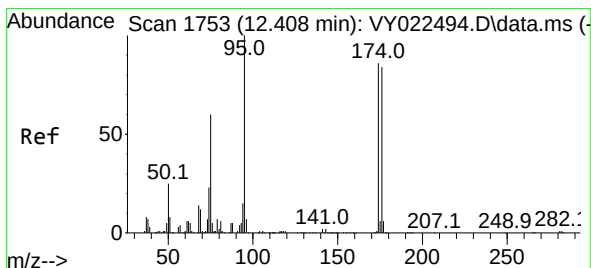
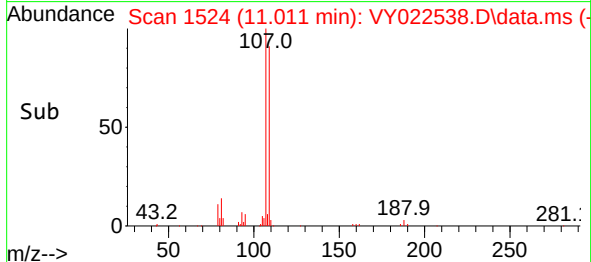
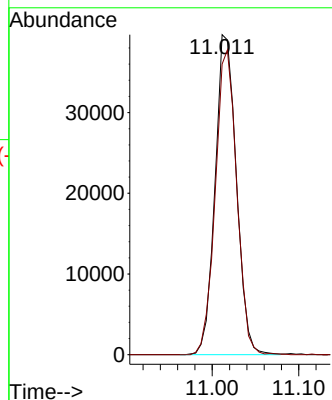
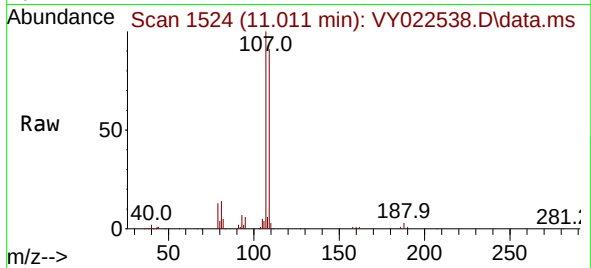




#61
1,2-Dibromoethane
Concen: 48.485 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

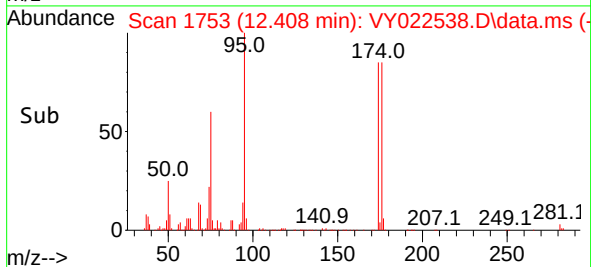
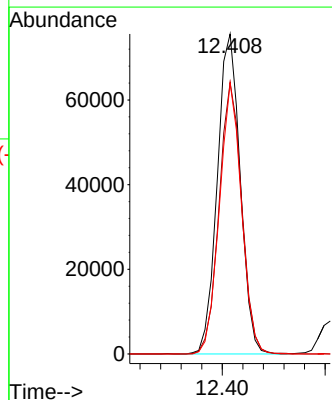
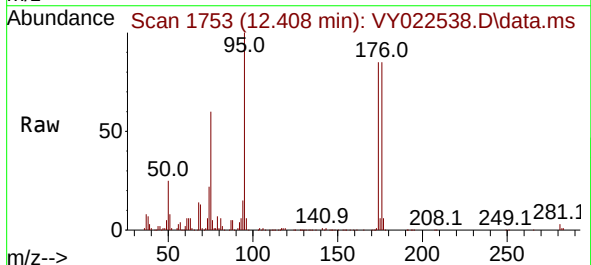
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

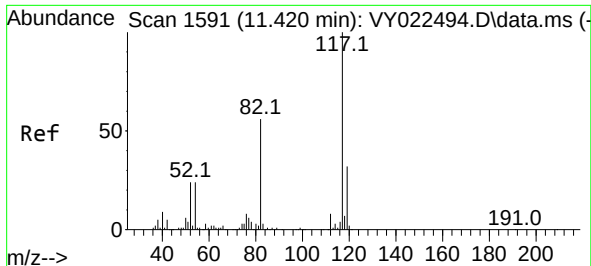
Tgt Ion:107 Resp: 67796
Ion Ratio Lower Upper
107 100
109 95.7 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 51.223 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion: 95 Resp: 116409
Ion Ratio Lower Upper
95 100
174 84.4 0.0 170.0
176 81.8 0.0 166.2

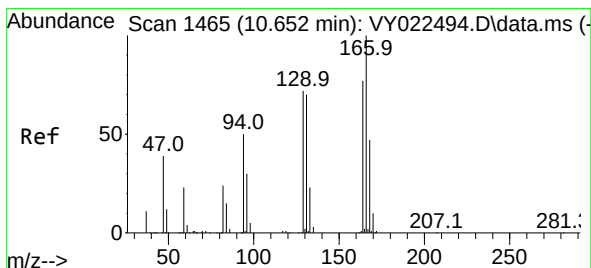
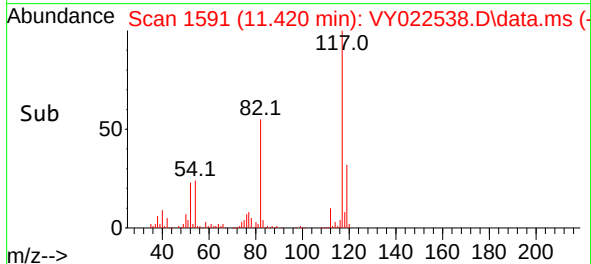
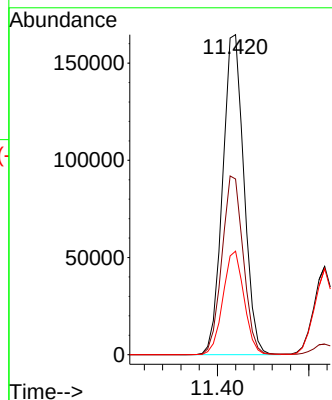
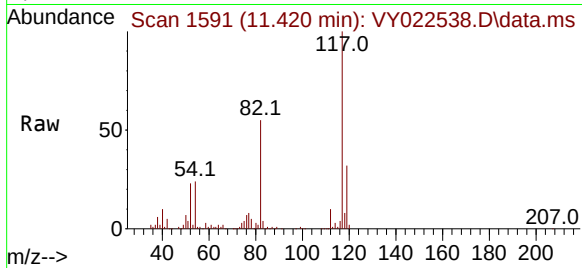




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

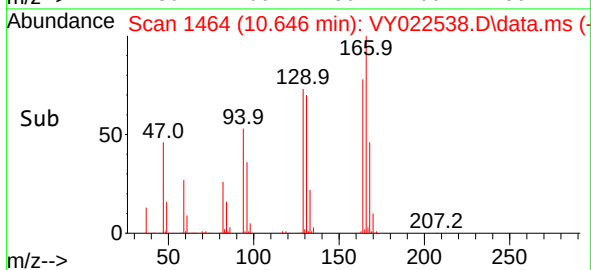
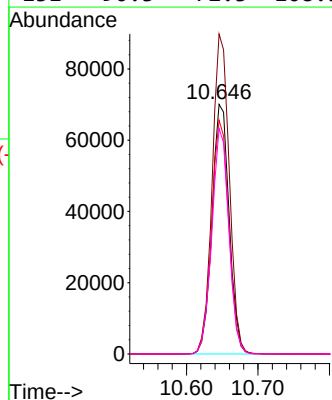
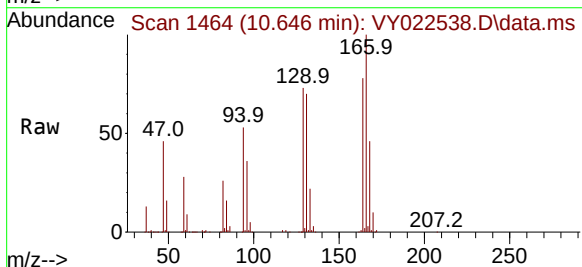
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

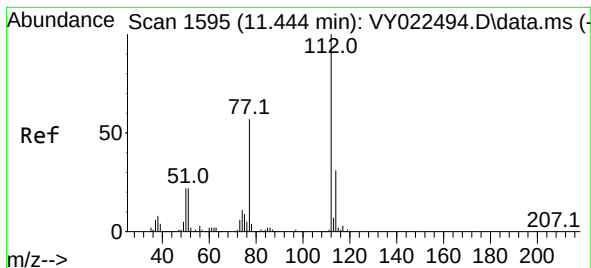
Tgt Ion:117 Resp: 266067
Ion Ratio Lower Upper
117 100
82 54.9 44.6 66.8
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 50.969 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion:164 Resp: 116655
Ion Ratio Lower Upper
164 100
166 128.2 104.0 156.0
129 93.6 74.5 111.7
131 90.3 72.3 108.5





#65

Chlorobenzene

Concen: 50.749 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. -0.000 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

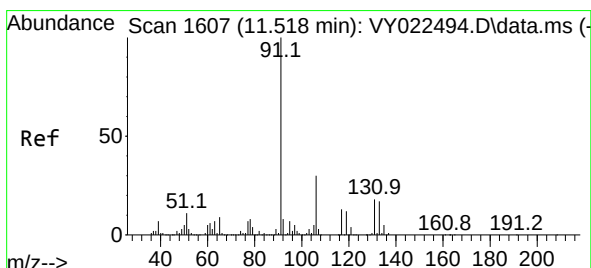
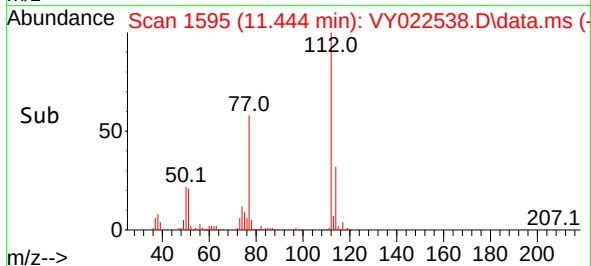
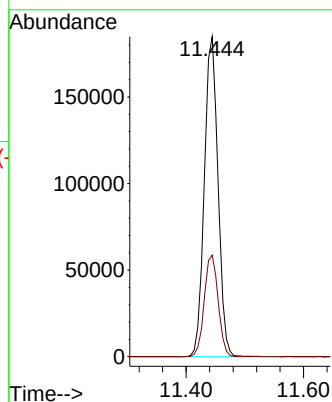
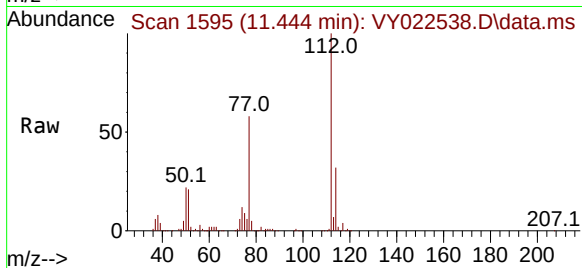
VSTDCCC050

Tgt Ion:112 Resp: 298796

Ion Ratio Lower Upper

112 100

114 31.8 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.736 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

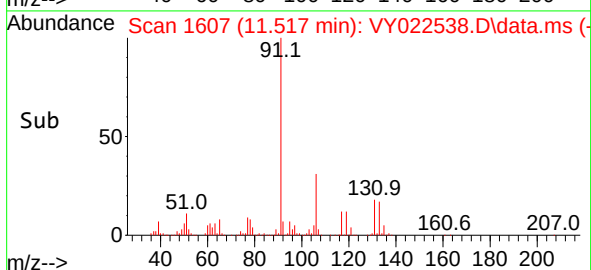
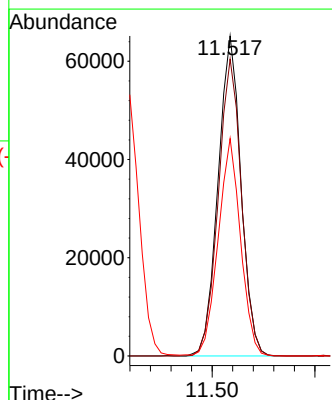
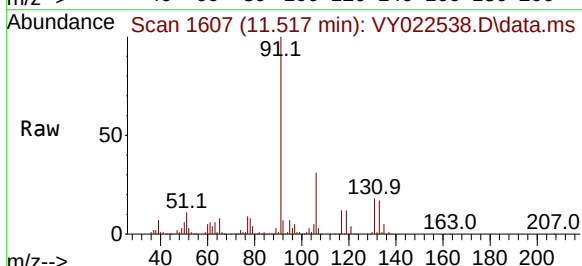
Tgt Ion:131 Resp: 100630

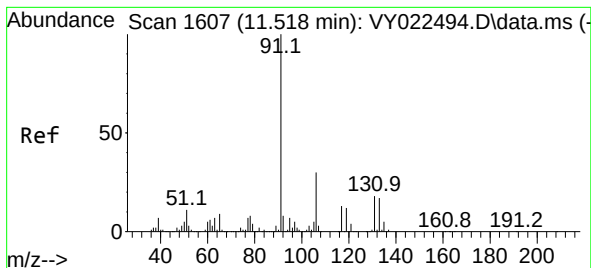
Ion Ratio Lower Upper

131 100

133 93.8 47.3 141.8

119 66.5 33.1 99.3





#67

Ethyl Benzene

Concen: 51.222 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

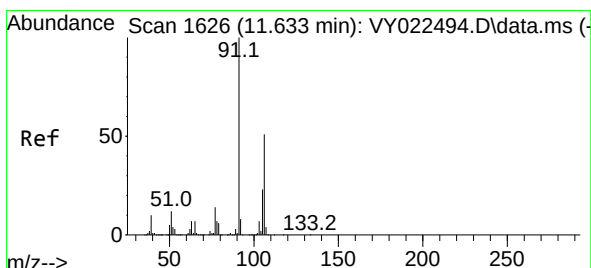
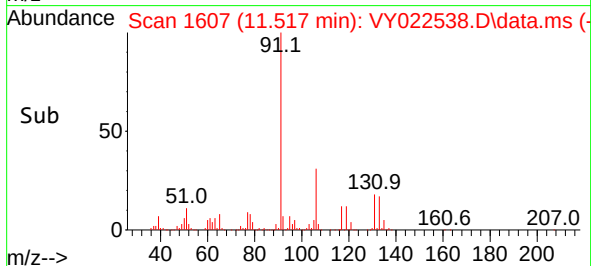
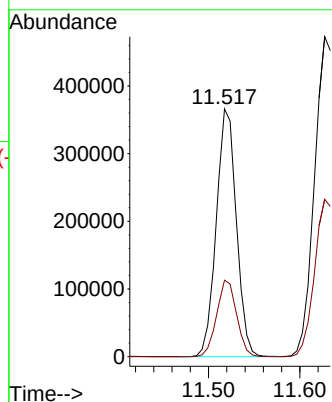
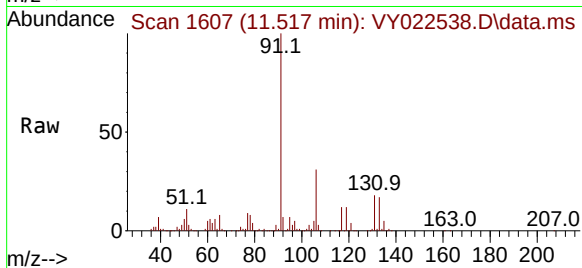
VSTDCCC050

Tgt Ion: 91 Resp: 559371

Ion Ratio Lower Upper

91 100

106 30.8 24.2 36.4



#68

m/p-Xylenes

Concen: 101.329 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022538.D

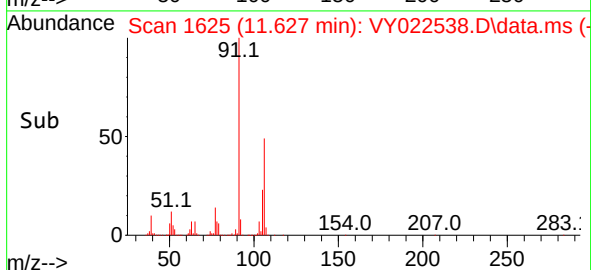
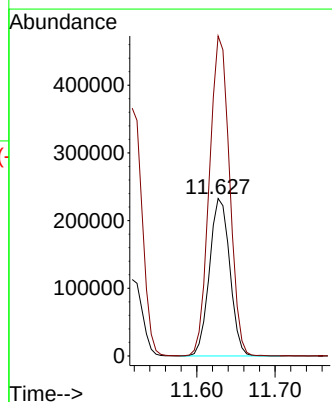
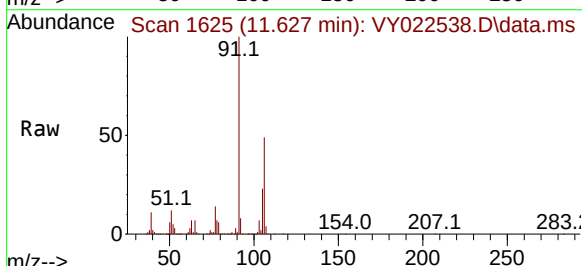
Acq: 04 Jun 2025 09:54

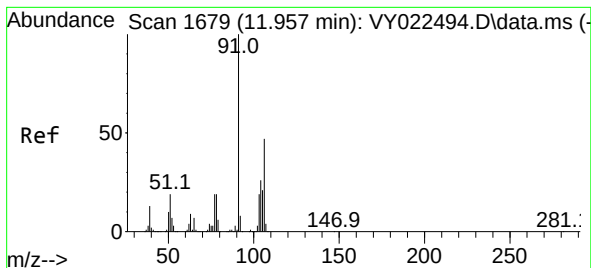
Tgt Ion:106 Resp: 419486

Ion Ratio Lower Upper

106 100

91 201.4 159.4 239.0

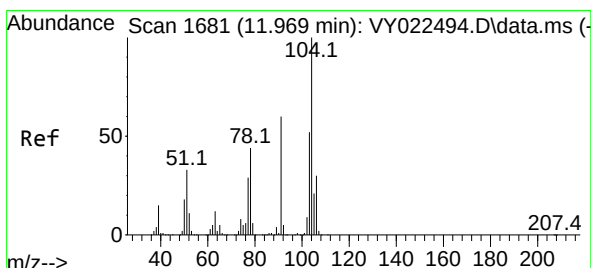
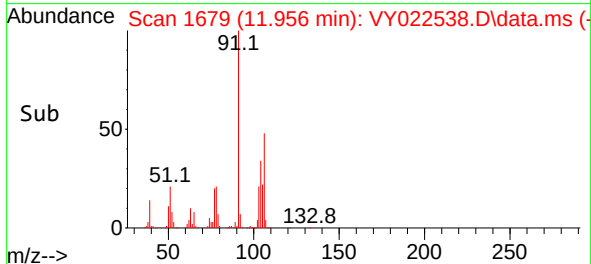
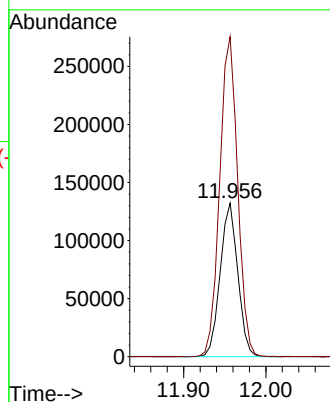
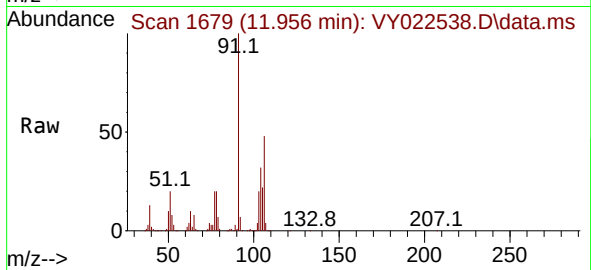




#69
o-Xylene
Concen: 50.687 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

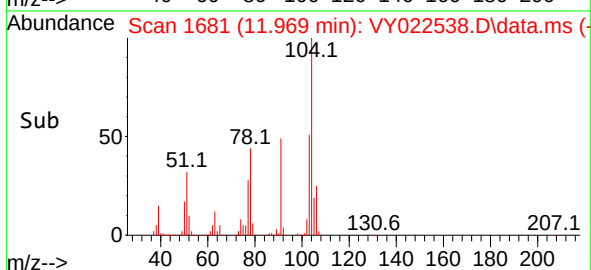
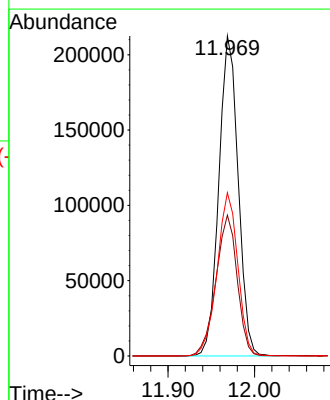
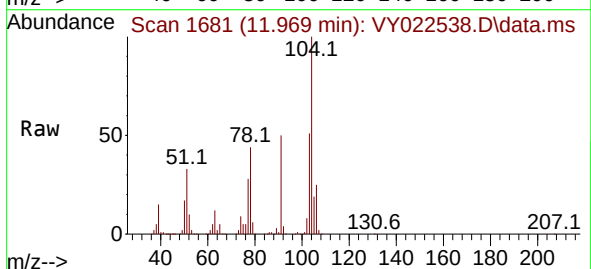
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

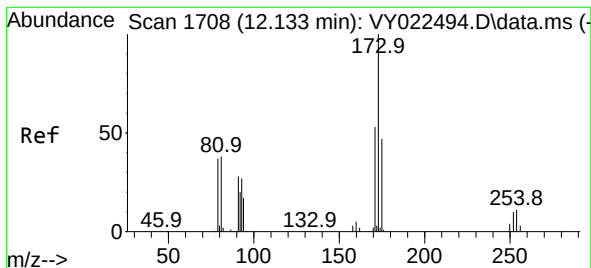
Tgt Ion:106 Resp: 196735
Ion Ratio Lower Upper
106 100
91 213.0 105.8 317.3



#70
Styrene
Concen: 51.330 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion:104 Resp: 329327
Ion Ratio Lower Upper
104 100
78 48.5 39.5 59.3
103 54.8 44.1 66.1





#71

Bromoform

Concen: 47.947 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

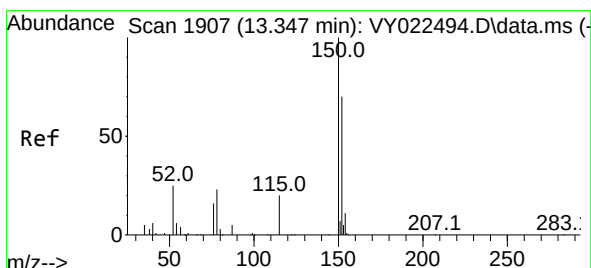
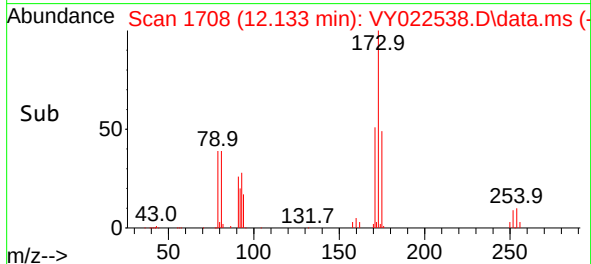
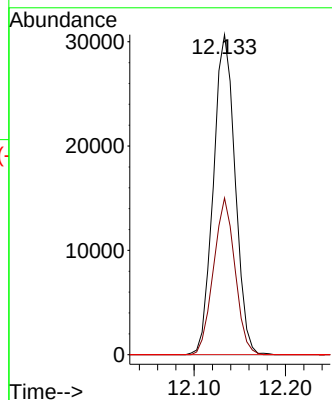
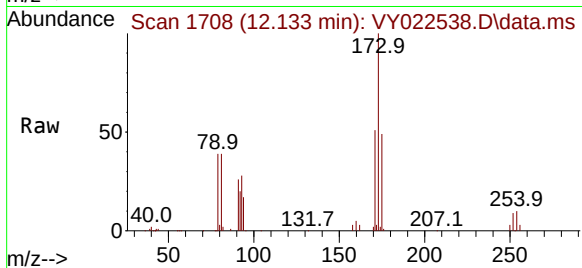
Tgt Ion:173 Resp: 50607

Ion Ratio Lower Upper

173 100

175 48.4 23.8 71.5

254 0.0 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: VY022538.D

Acq: 04 Jun 2025 09:54

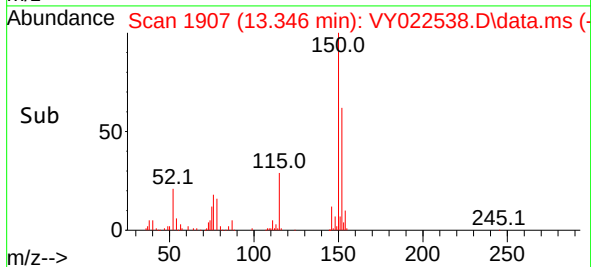
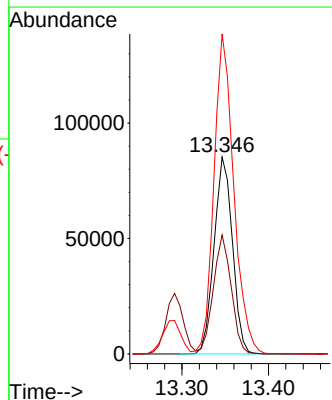
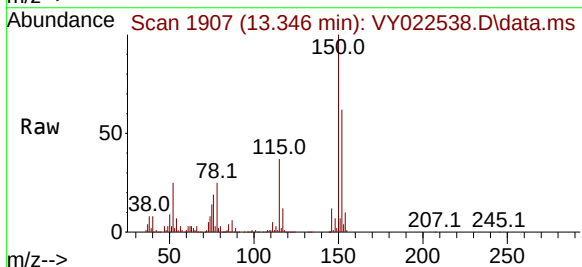
Tgt Ion:152 Resp: 125910

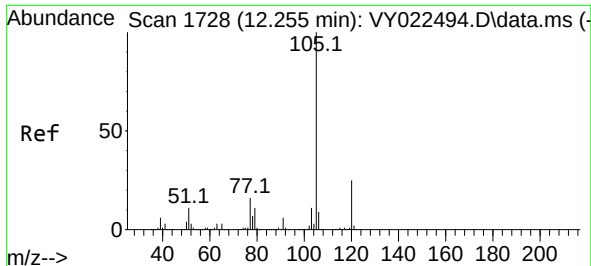
Ion Ratio Lower Upper

152 100

115 59.0 28.9 86.7

150 174.9 0.0 349.6

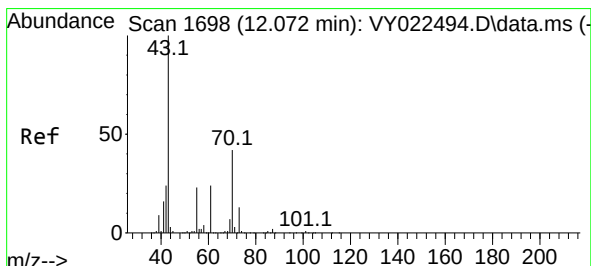
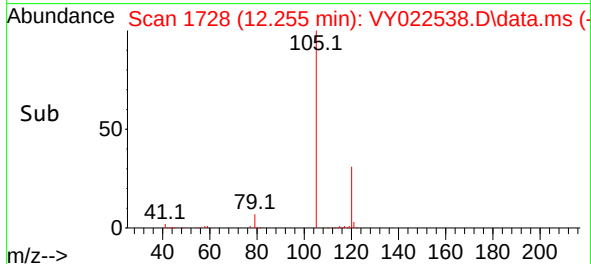
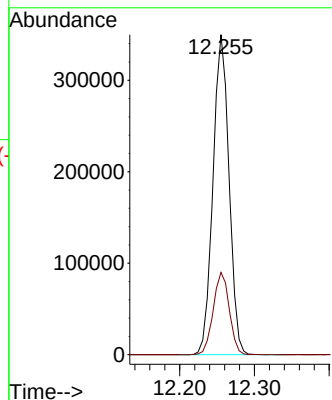
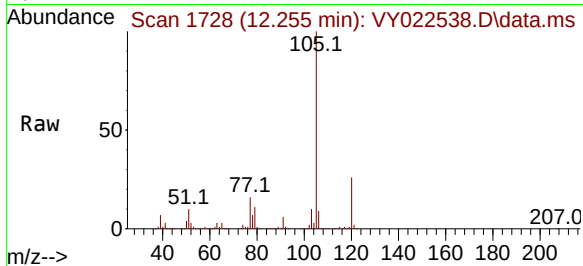




#73
Isopropylbenzene
Concen: 50.411 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

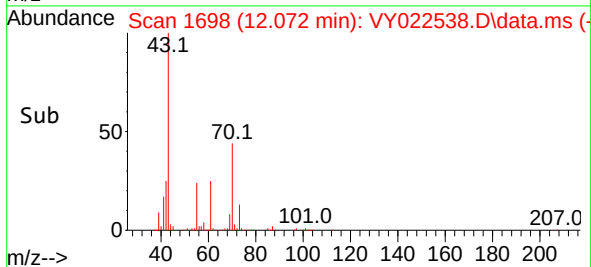
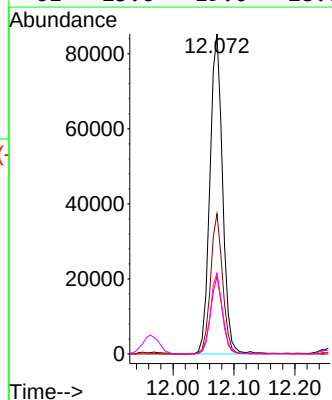
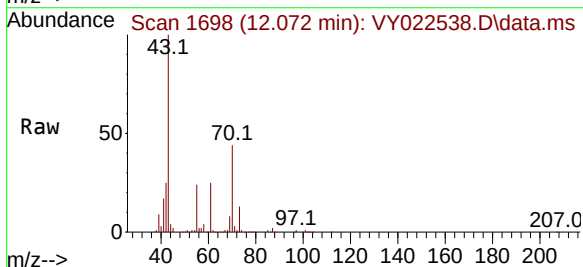
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

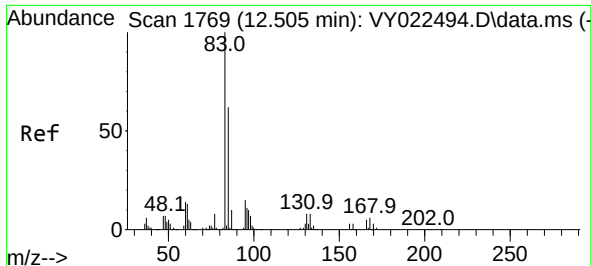
Tgt Ion:105 Resp: 521108
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9



#74
N-ethyl acetate
Concen: 47.389 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion: 43 Resp: 123604
Ion Ratio Lower Upper
43 100
70 41.7 34.2 51.2
55 23.2 18.2 27.4
61 23.6 19.0 28.6

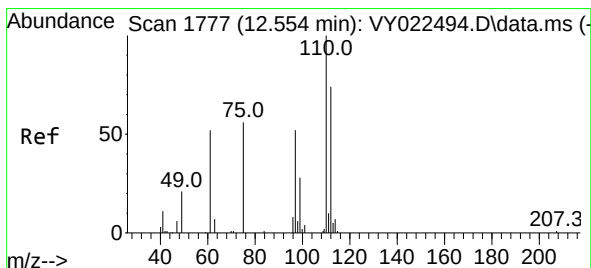
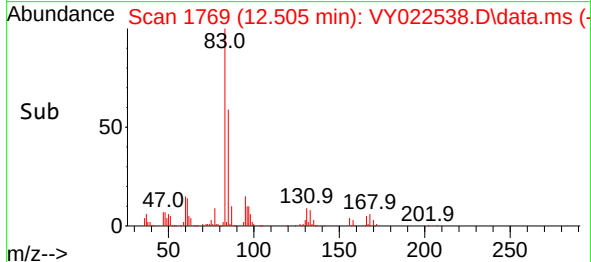
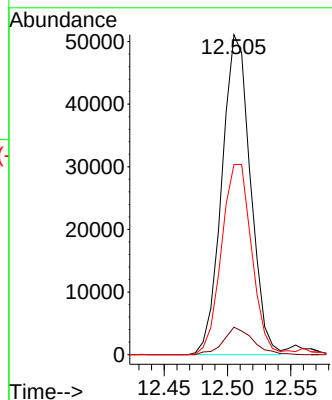
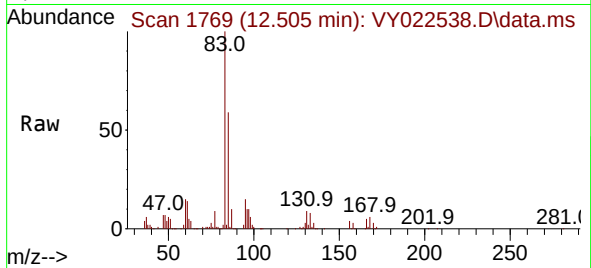




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.284 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022538.D
 Acq: 04 Jun 2025 09:54

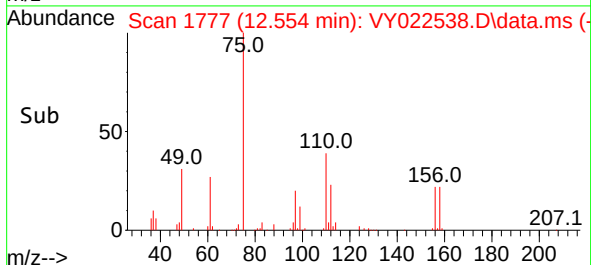
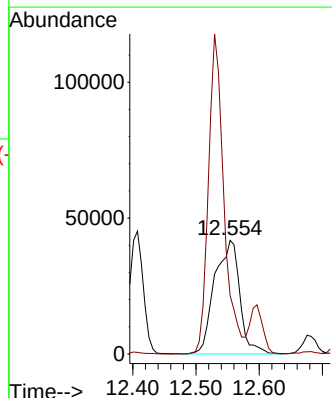
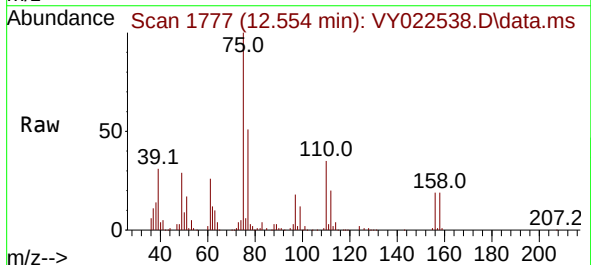
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

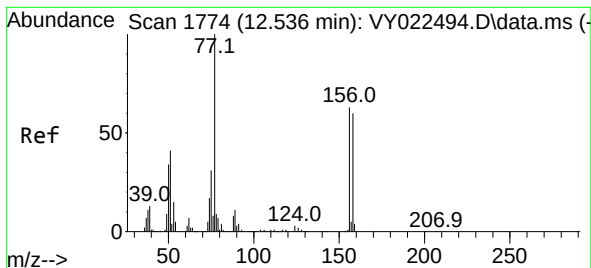
Tgt Ion: 83 Resp: 80221
 Ion Ratio Lower Upper
 83 100
 131 8.9 4.9 14.7
 85 63.2 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 79.882 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022538.D
 Acq: 04 Jun 2025 09:54

Tgt Ion: 75 Resp: 115066
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.563 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

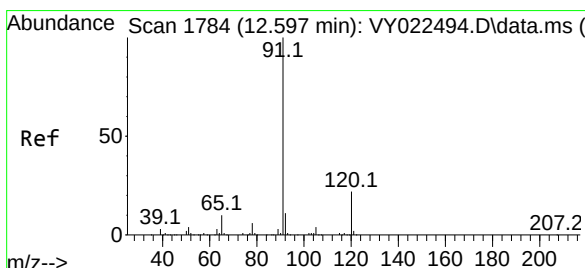
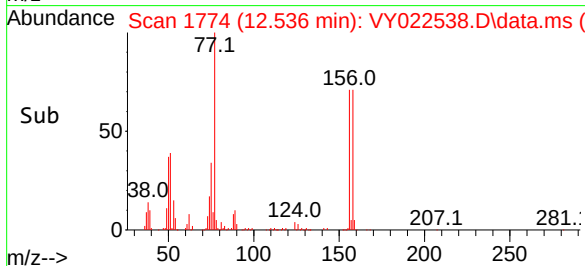
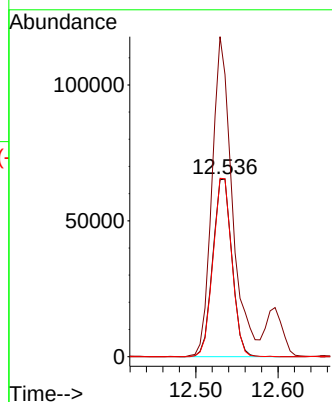
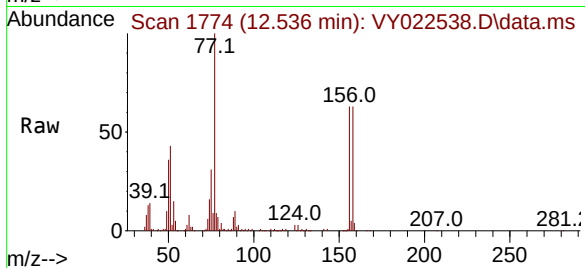
Tgt Ion:156 Resp: 105935

Ion Ratio Lower Upper

156 100

77 190.9 94.0 282.1

158 98.8 48.2 144.6



#78

n-propylbenzene

Concen: 50.480 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY022538.D

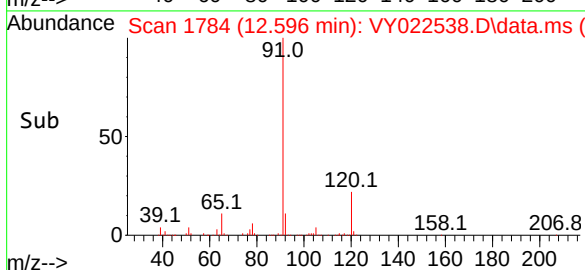
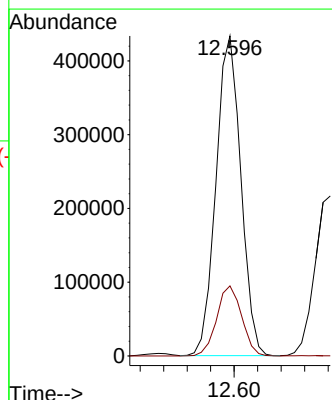
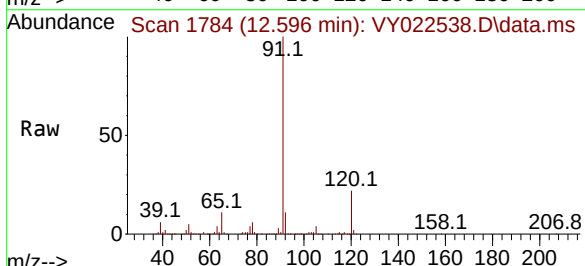
Acq: 04 Jun 2025 09:54

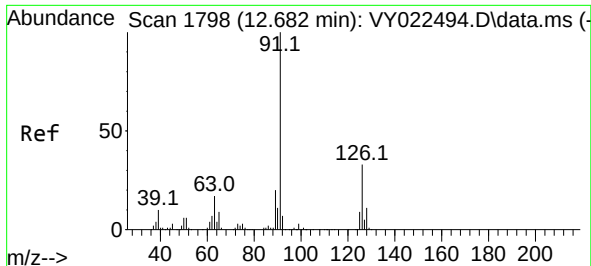
Tgt Ion: 91 Resp: 637344

Ion Ratio Lower Upper

91 100

120 22.0 10.8 32.4





#79

2-Chlorotoluene

Concen: 49.984 ug/l

RT: 12.682 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

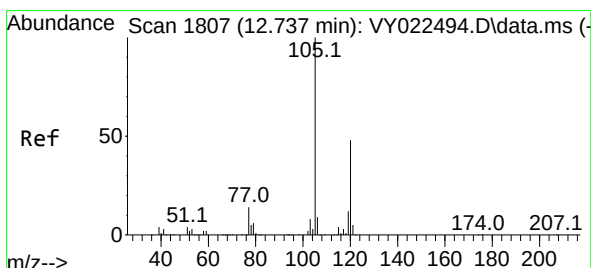
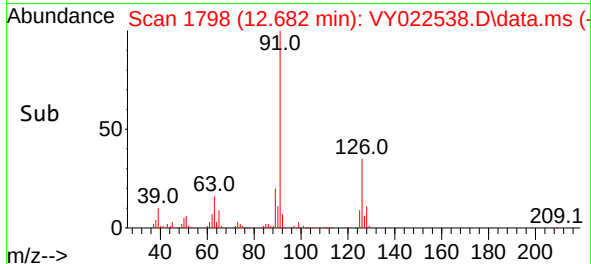
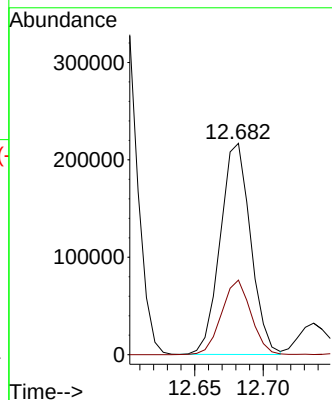
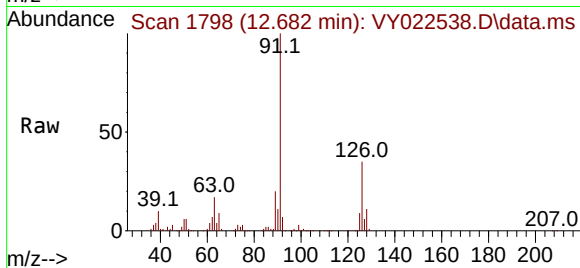
VSTDCCC050

Tgt Ion: 91 Resp: 334475

Ion Ratio Lower Upper

91 100

126 34.3 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 50.265 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022538.D

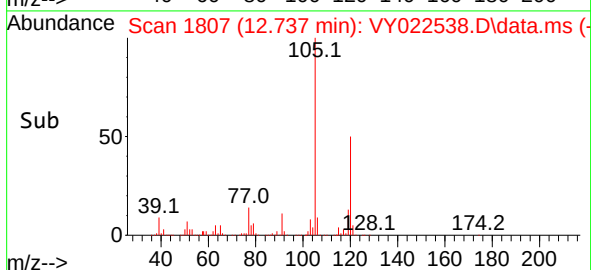
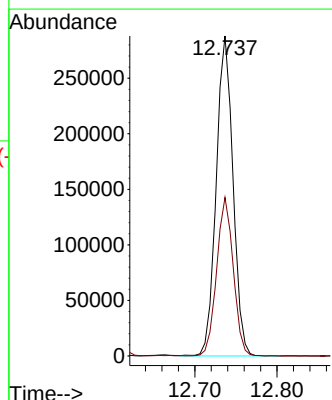
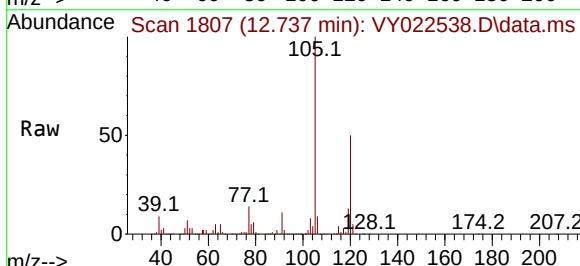
Acq: 04 Jun 2025 09:54

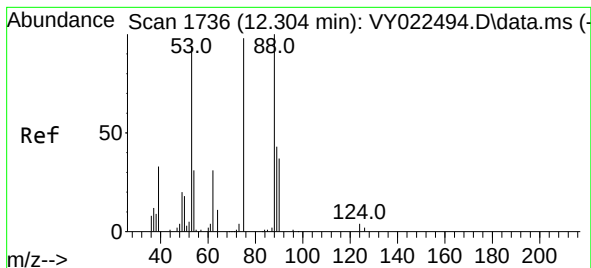
Tgt Ion:105 Resp: 407935

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.4

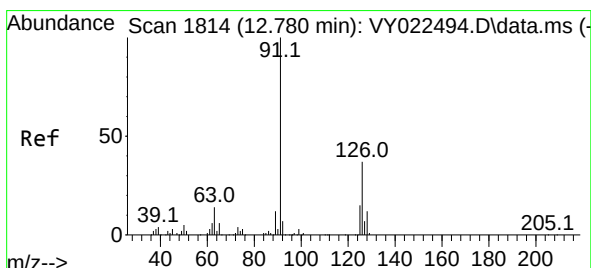
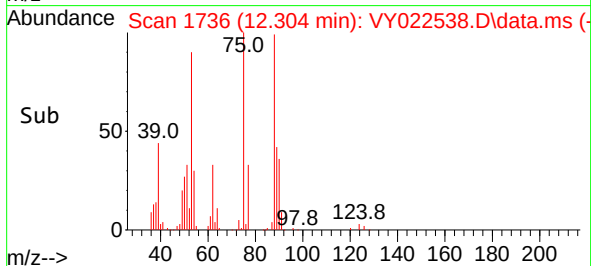
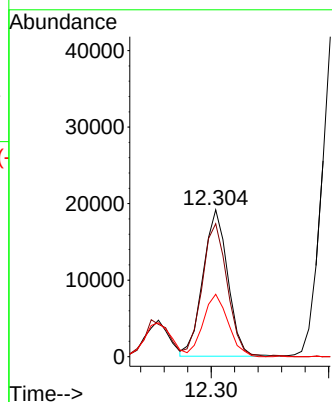
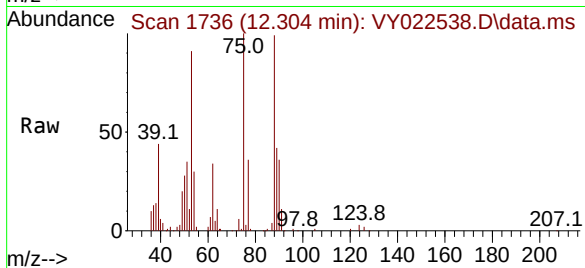




#81
trans-1,4-Dichloro-2-butene
Concen: 47.053 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

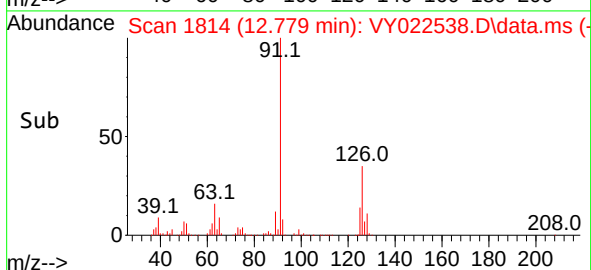
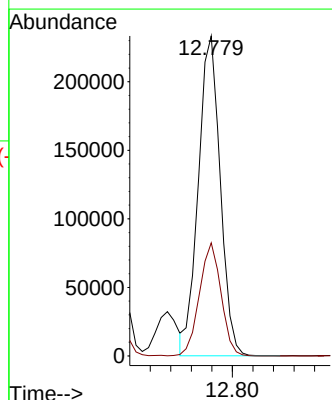
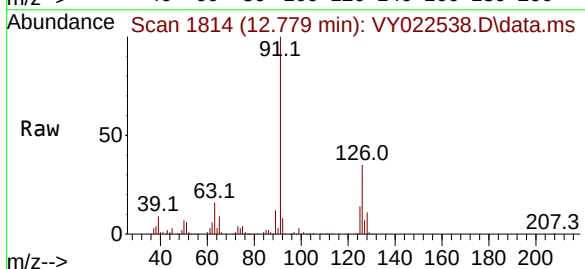
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

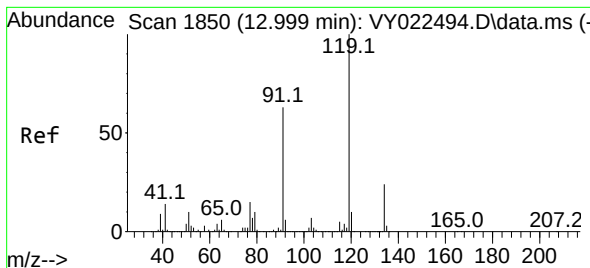
Tgt Ion: 75 Resp: 28066
Ion Ratio Lower Upper
75 100
53 92.2 78.5 117.7
89 42.7 35.7 53.5



#82
4-Chlorotoluene
Concen: 50.204 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion: 91 Resp: 346570
Ion Ratio Lower Upper
91 100
126 34.8 17.0 50.9





#83

tert-Butylbenzene

Concen: 50.407 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

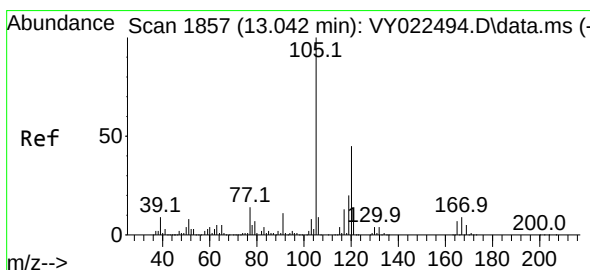
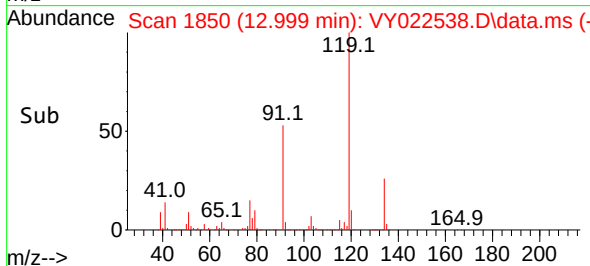
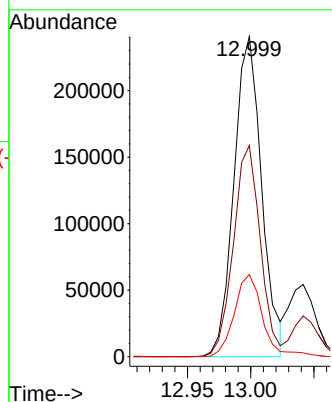
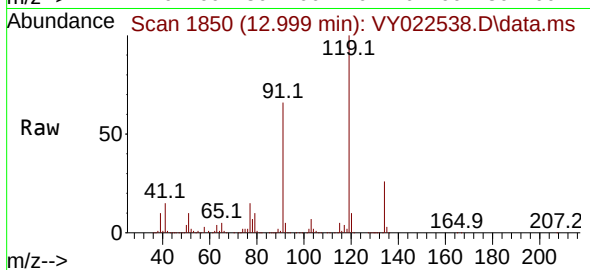
Tgt Ion:119 Resp: 367162

Ion Ratio Lower Upper

119 100

91 64.0 32.1 96.3

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.528 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022538.D

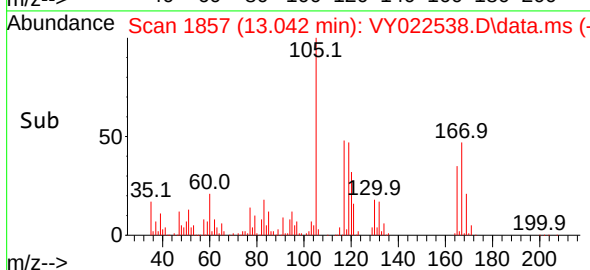
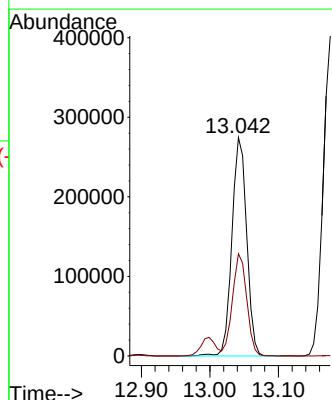
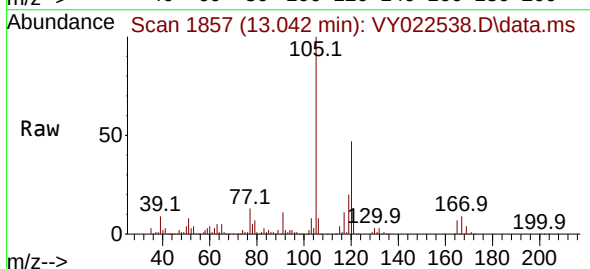
Acq: 04 Jun 2025 09:54

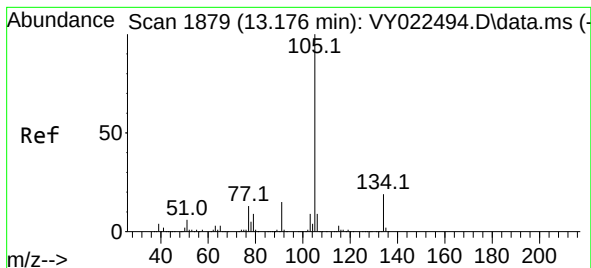
Tgt Ion:105 Resp: 410138

Ion Ratio Lower Upper

105 100

120 45.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 50.571 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

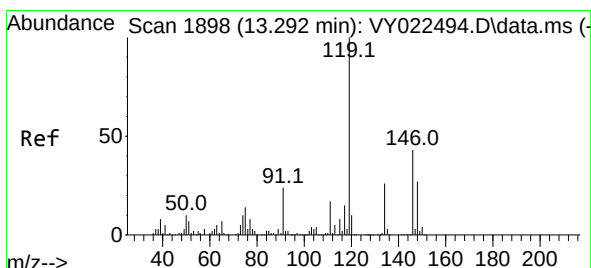
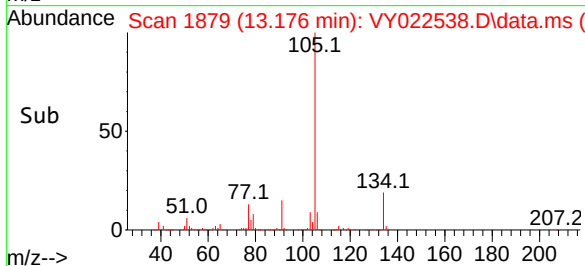
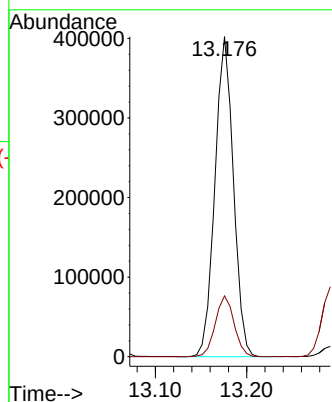
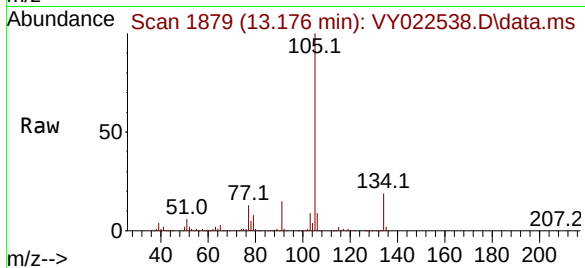
VSTDCCC050

Tgt Ion:105 Resp: 564153

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 50.880 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

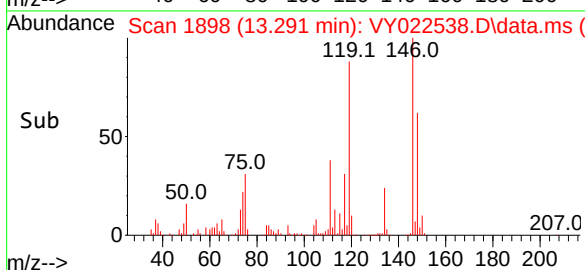
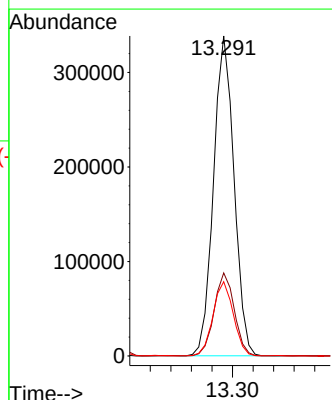
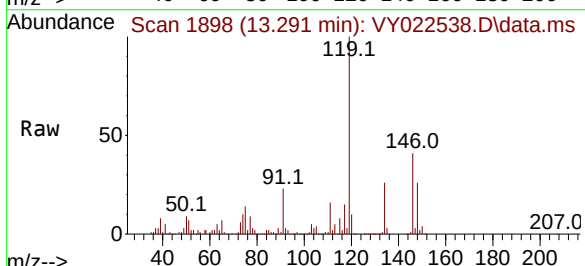
Tgt Ion:119 Resp: 467858

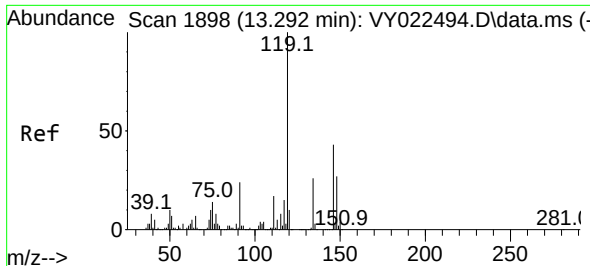
Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.1

91 23.0 11.6 34.8

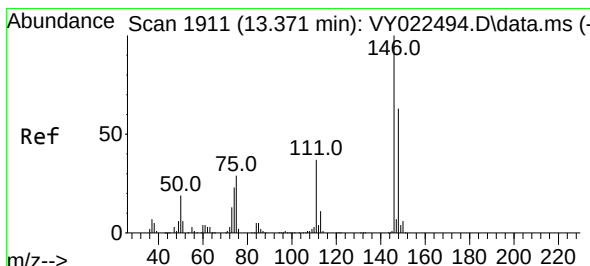
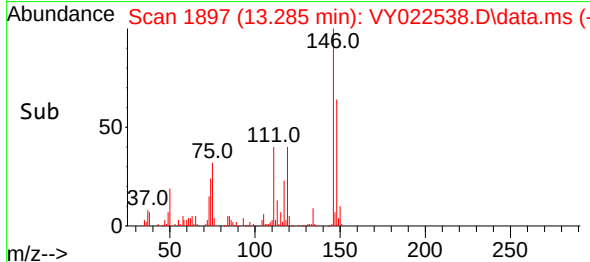
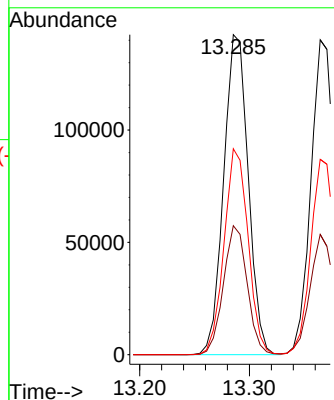
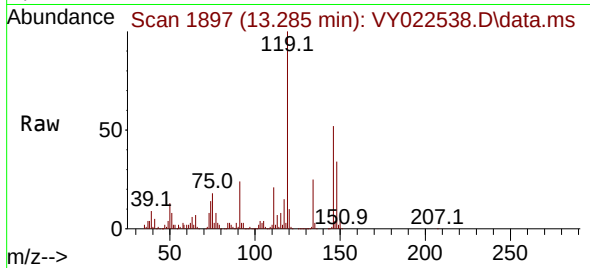




#87
1,3-Dichlorobenzene
Concen: 50.153 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

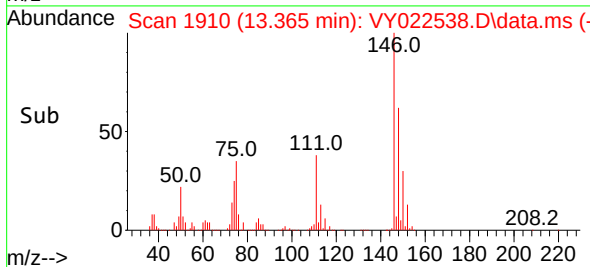
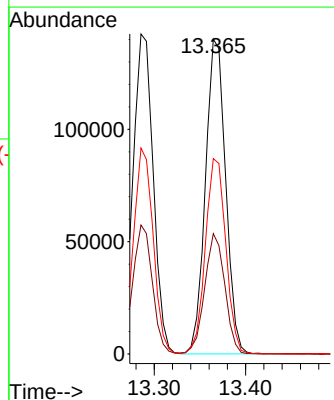
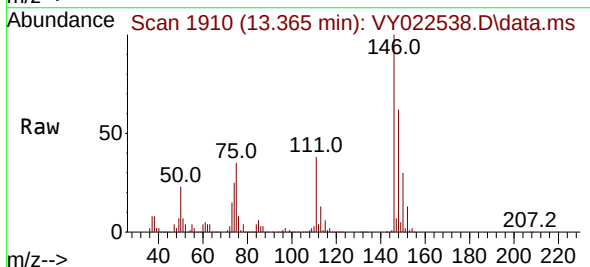
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

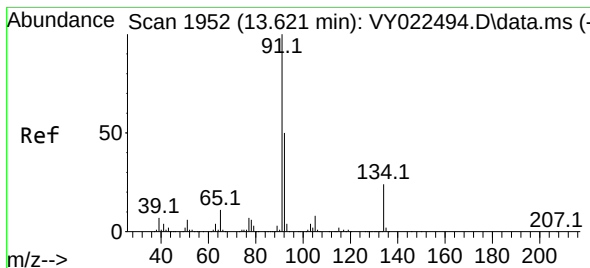
Tgt Ion:146 Resp: 221662
Ion Ratio Lower Upper
146 100
111 39.0 20.1 60.2
148 62.9 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 50.135 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022538.D
Acq: 04 Jun 2025 09:54

Tgt Ion:146 Resp: 214914
Ion Ratio Lower Upper
146 100
111 38.2 19.4 58.2
148 63.0 31.6 94.8





#89

n-Butylbenzene

Concen: 51.772 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

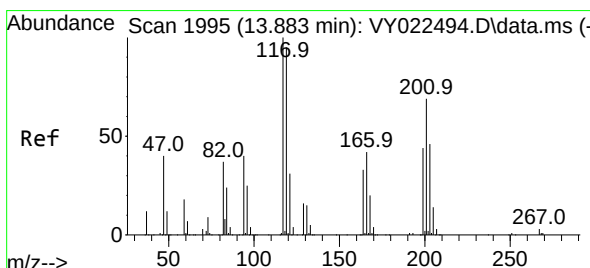
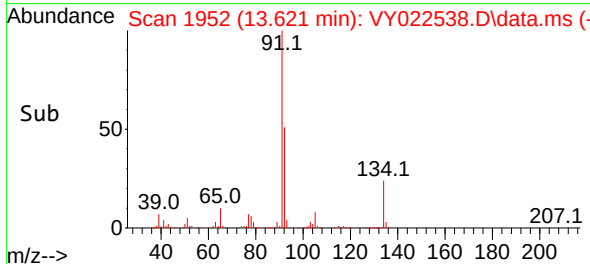
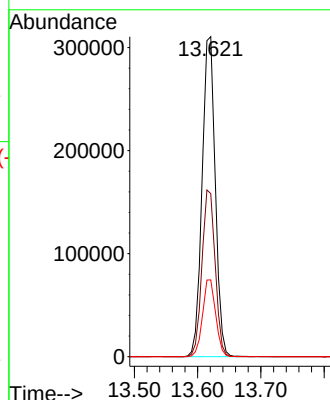
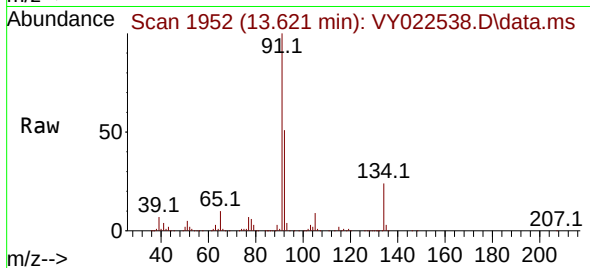
Tgt Ion: 91 Resp: 451669

Ion Ratio Lower Upper

91 100

92 52.1 25.9 77.8

134 24.0 12.0 36.1



#90

Hexachloroethane

Concen: 50.693 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY022538.D

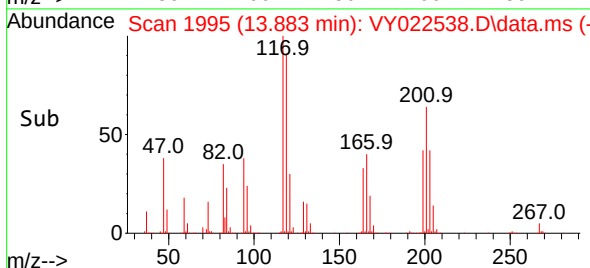
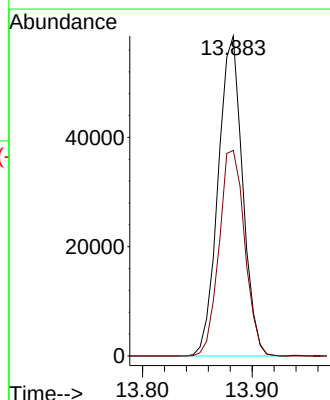
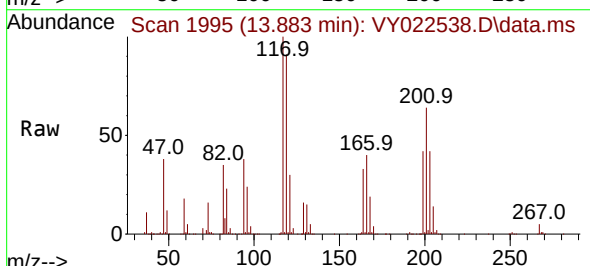
Acq: 04 Jun 2025 09:54

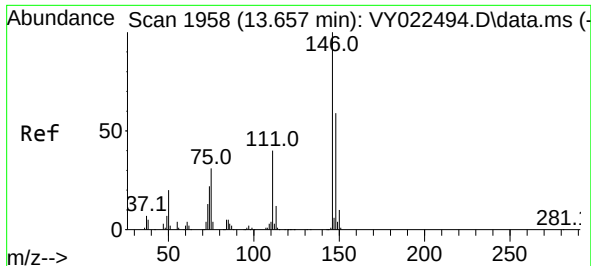
Tgt Ion: 117 Resp: 90748

Ion Ratio Lower Upper

117 100

201 67.4 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 49.680 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

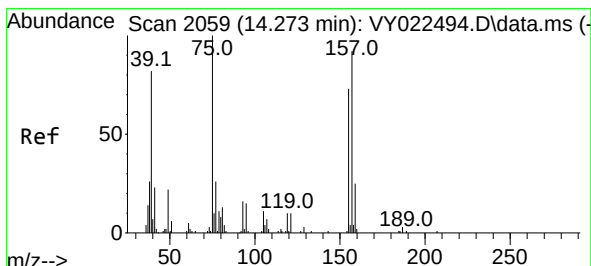
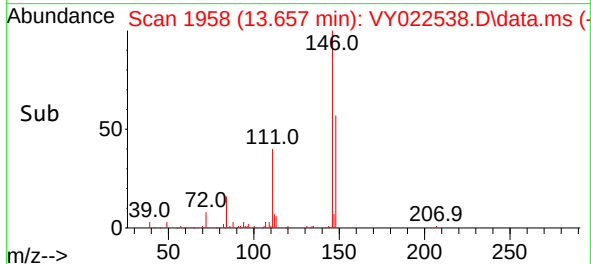
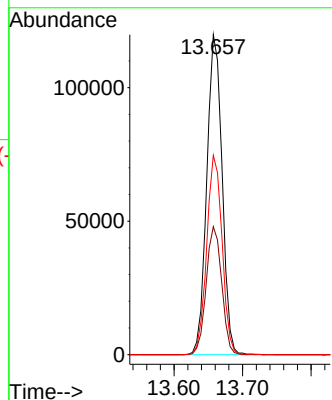
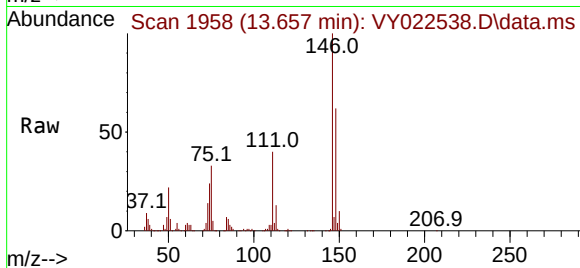
Tgt Ion:146 Resp: 186425

Ion Ratio Lower Upper

146 100

111 40.5 20.2 60.6

148 62.6 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.928 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

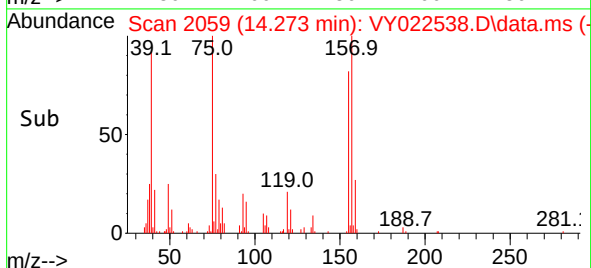
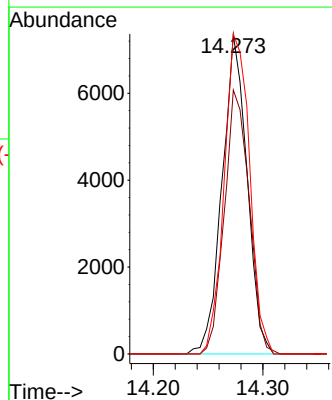
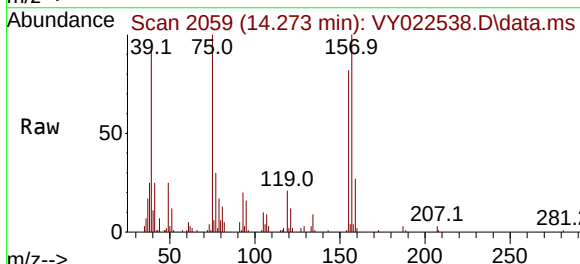
Tgt Ion: 75 Resp: 11592

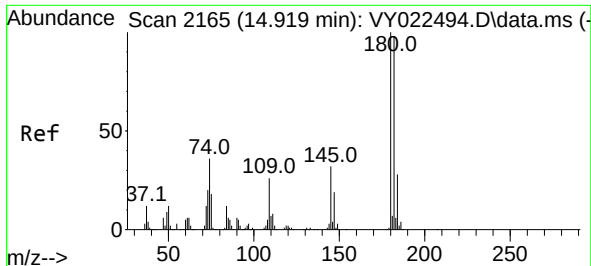
Ion Ratio Lower Upper

75 100

155 82.5 39.9 119.6

157 102.4 54.0 162.0

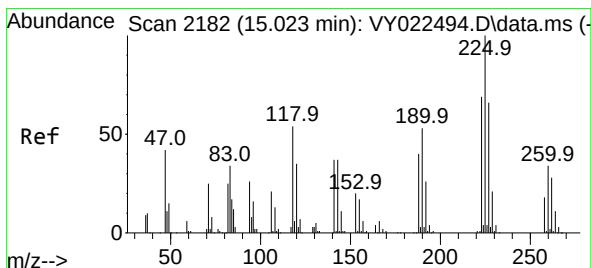
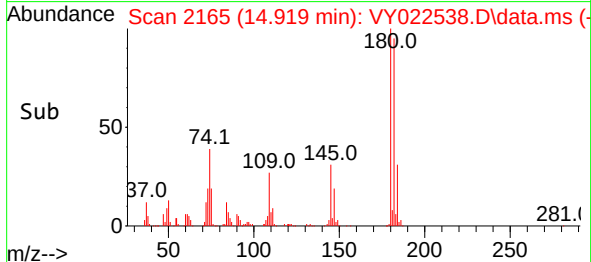
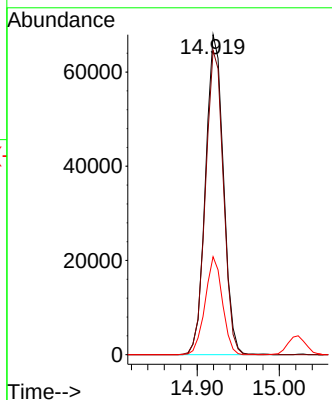
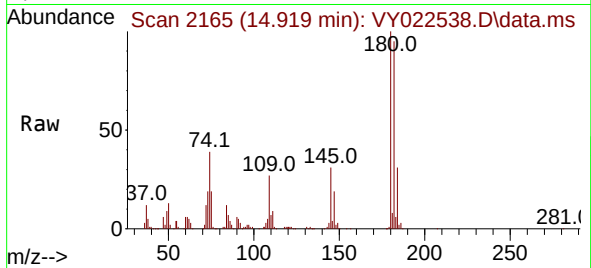




#93
 1,2,4-Trichlorobenzene
 Concen: 50.109 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY022538.D
 Acq: 04 Jun 2025 09:54

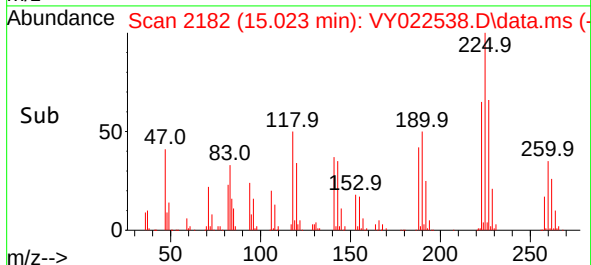
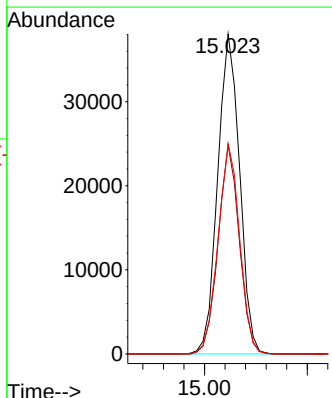
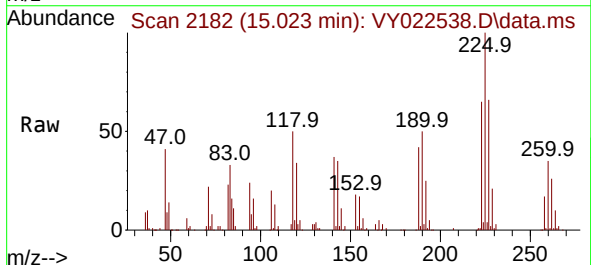
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

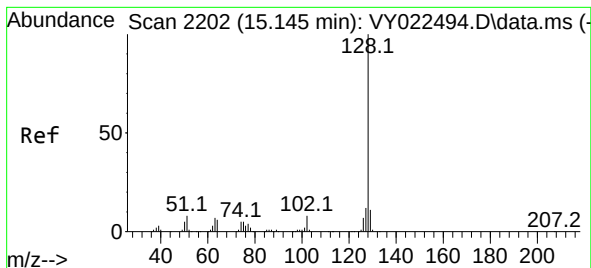
Tgt Ion:180 Resp: 102553
 Ion Ratio Lower Upper
 180 100
 182 95.1 48.4 145.3
 145 29.6 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 49.759 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.000 min
 Lab File: VY022538.D
 Acq: 04 Jun 2025 09:54

Tgt Ion:225 Resp: 56207
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.5 97.4
 227 64.8 32.3 96.9





#95

Naphthalene

Concen: 48.149 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

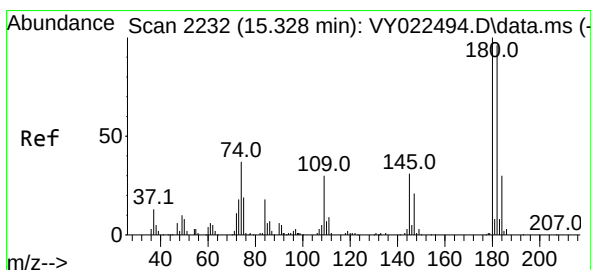
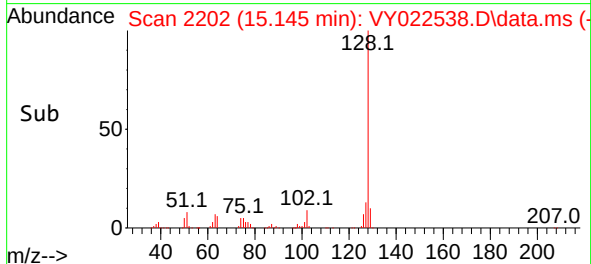
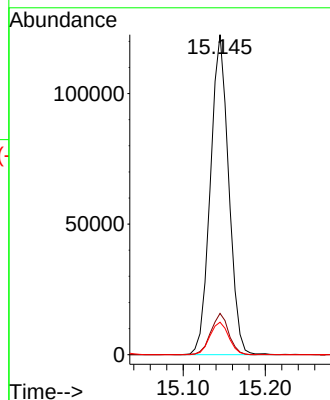
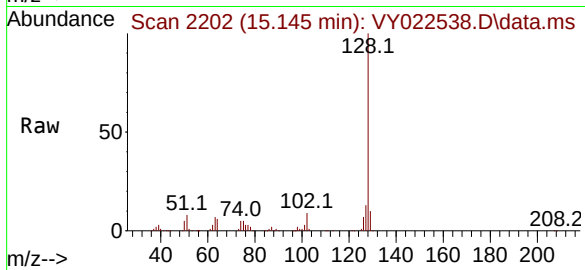
Tgt Ion:128 Resp: 189102

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 10.5 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 48.801 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022538.D

Acq: 04 Jun 2025 09:54

Tgt Ion:180 Resp: 85594

Ion Ratio Lower Upper

180 100

182 93.9 47.1 141.3

145 30.7 15.2 45.6

