

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061225\
 Data File : VY022666.D
 Acq On : 12 Jun 2025 11:44
 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 13 05:37:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	174221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	287160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	243793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	117199	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96101	49.319	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.640%
35) Dibromofluoromethane	7.628	113	91230	53.226	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.460%
50) Toluene-d8	10.103	98	374091	54.015	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.040%
62) 4-Bromofluorobenzene	12.402	95	109173	52.907	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	76688	49.165	ug/l	96
3) Chloromethane	2.068	50	197549	42.871	ug/l	99
4) Vinyl Chloride	2.196	62	309232	57.847	ug/l	99
5) Bromomethane	2.586	94	236312	46.122	ug/l	98
6) Chloroethane	2.726	64	211015	57.510	ug/l	98
7) Trichlorofluoromethane	3.043	101	295467	65.108	ug/l	98
8) Diethyl Ether	3.446	74	49409	48.345	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.806	101	93438	48.886	ug/l	99
10) Methyl Iodide	3.994	142	101025	48.842	ug/l	99
11) Tert butyl alcohol	4.854	59	32532	233.752	ug/l	100
12) 1,1-Dichloroethene	3.781	96	92881	50.838	ug/l	100
13) Acrolein	3.647	56	19885	114.647	ug/l	99
14) Allyl chloride	4.379	41	129611	45.190	ug/l	97
15) Acrylonitrile	5.055	53	101084	233.541	ug/l	98
16) Acetone	3.866	43	121641	307.387	ug/l	92
17) Carbon Disulfide	4.098	76	270252	46.203	ug/l	99
18) Methyl Acetate	4.385	43	51773	44.181	ug/l	95
19) Methyl tert-butyl Ether	5.110	73	243878	47.393	ug/l	97
20) Methylene Chloride	4.610	84	112010	49.830	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	101396	49.588	ug/l	98
22) Diisopropyl ether	6.012	45	299230	46.871	ug/l	99
23) Vinyl Acetate	5.951	43	854879	226.240	ug/l	99
24) 1,1-Dichloroethane	5.909	63	187772	49.926	ug/l	99
25) 2-Butanone	6.890	43	148051	259.369	ug/l	98
26) 2,2-Dichloropropane	6.878	77	170678	51.361	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	120611	51.032	ug/l	100
28) Bromochloromethane	7.238	49	79726	48.629	ug/l	98
29) Tetrahydrofuran	7.256	42	80429	218.464	ug/l	94
30) Chloroform	7.415	83	190185	51.053	ug/l	93
31) Cyclohexane	7.695	56	168373	44.968	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	167695	50.710	ug/l	98
36) 1,1-Dichloropropene	7.835	75	143033	51.417	ug/l	100
37) Ethyl Acetate	6.976	43	56587	45.614	ug/l	97
38) Carbon Tetrachloride	7.817	117	149646	52.438	ug/l	97
39) Methylcyclohexane	9.103	83	187793	50.234	ug/l	96
40) Benzene	8.079	78	422943	51.476	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	81669	112.706	ug/l #	34
42) 1,2-Dichloroethane	8.152	62	108355	48.299	ug/l	99
43) Isopropyl Acetate	8.195	43	123007	45.911	ug/l	99
44) Trichloroethene	8.866	130	106977	53.272	ug/l	96
45) 1,2-Dichloropropane	9.140	63	99933	51.464	ug/l	99
46) Dibromomethane	9.231	93	55247	50.572	ug/l	99
47) Bromodichloromethane	9.420	83	142396	51.406	ug/l	95
48) Methyl methacrylate	9.219	41	56873	45.229	ug/l	94
49) 1,4-Dioxane	9.225	88	12505	966.227	ug/l	91
51) 4-Methyl-2-Pentanone	9.993	43	314268	235.266	ug/l	96
52) Toluene	10.170	92	268369	51.975	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	128660	49.572	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	155594	51.500	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	71066	51.017	ug/l	96
56) Ethyl methacrylate	10.438	69	98538	48.943	ug/l	98
57) 1,3-Dichloropropane	10.713	76	123051	49.840	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	240148	262.717	ug/l	99
59) 2-Hexanone	10.755	43	228530	255.807	ug/l	97
60) Dibromochloromethane	10.908	129	90591	51.174	ug/l	99
61) 1,2-Dibromoethane	11.012	107	63573	50.072	ug/l	98
64) Tetrachloroethene	10.646	164	126653	60.393	ug/l	99
65) Chlorobenzene	11.438	112	282664	52.395	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	94057	51.754	ug/l	98
67) Ethyl Benzene	11.518	91	521092	52.077	ug/l	99
68) m/p-Xylenes	11.627	106	401423	105.825	ug/l	100
69) o-Xylene	11.950	106	186406	52.414	ug/l	98
70) Styrene	11.969	104	309057	52.572	ug/l	99
71) Bromoform	12.127	173	48808	50.468	ug/l #	99
73) Isopropylbenzene	12.249	105	500799	52.047	ug/l	99
74) N-amyl acetate	12.066	43	113452	46.730	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	70691	44.763	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	105810	78.916	ug/l #	100
77) Bromobenzene	12.530	156	103395	50.921	ug/l	96
78) n-propylbenzene	12.591	91	599577	51.018	ug/l	99
79) 2-Chlorotoluene	12.676	91	309774	49.733	ug/l	97
80) 1,3,5-Trimethylbenzene	12.731	105	386613	51.179	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	25221	45.426	ug/l	93
82) 4-Chlorotoluene	12.773	91	315622	49.120	ug/l	96
83) tert-Butylbenzene	12.993	119	358940	52.941	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	385619	51.039	ug/l	98
85) sec-Butylbenzene	13.170	105	538352	51.845	ug/l	100
86) p-Isopropyltoluene	13.292	119	448064	52.349	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	212743	51.713	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	205120	51.407	ug/l	99
89) n-Butylbenzene	13.615	91	427683	52.667	ug/l	100
90) Hexachloroethane	13.877	117	85212	51.138	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	177953	50.947	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11735	51.038	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	99241	52.095	ug/l	96
94) Hexachlorobutadiene	15.017	225	52969	50.378	ug/l	100
95) Naphthalene	15.139	128	182025	49.792	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	80886	49.544	ug/l	98

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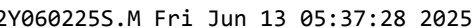
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

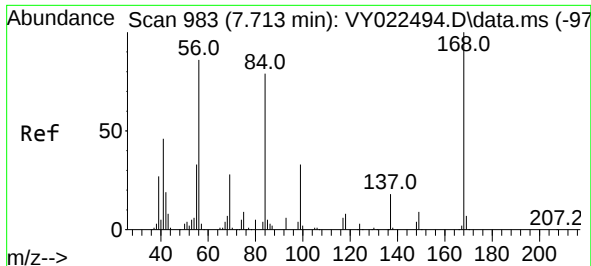
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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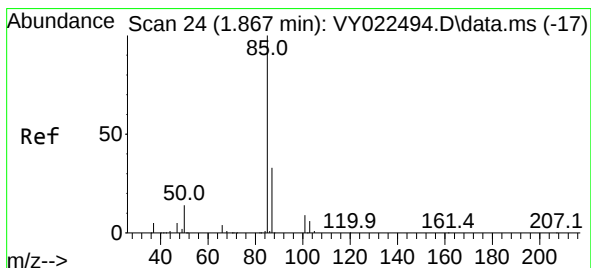
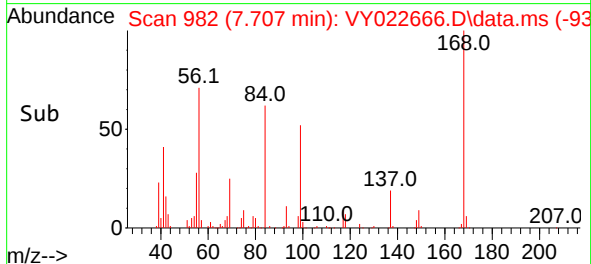
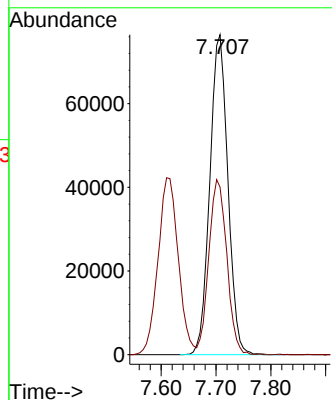
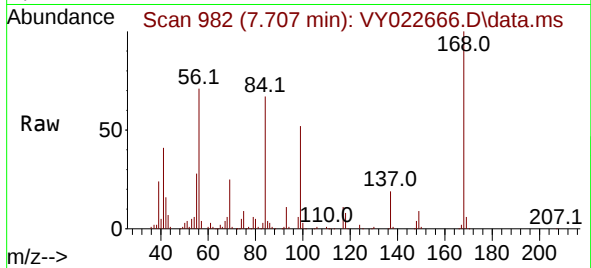




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022666.D
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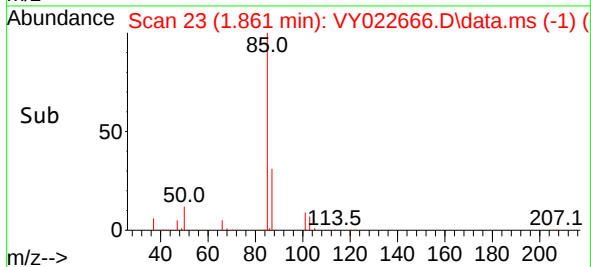
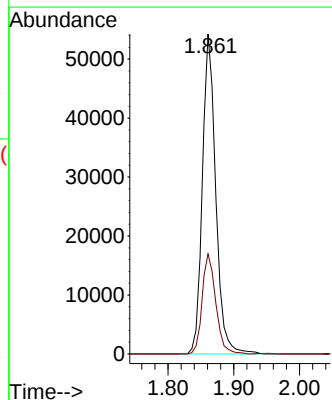
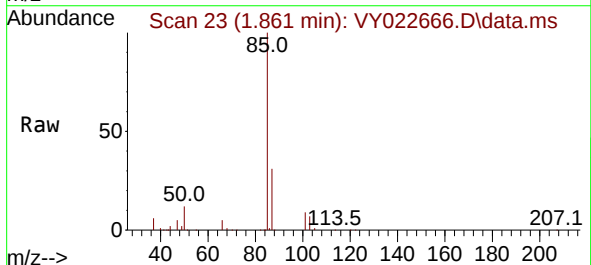
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 174221
Ion Ratio Lower Upper
168 100
99 52.2 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 49.165 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 85 Resp: 76688
Ion Ratio Lower Upper
85 100
87 31.2 16.7 50.0

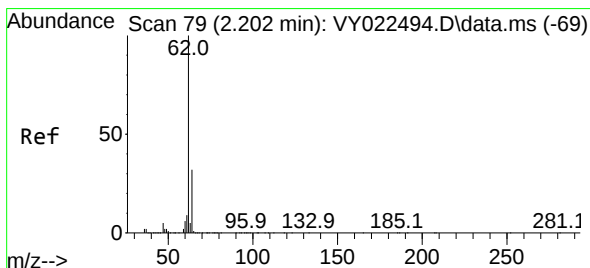
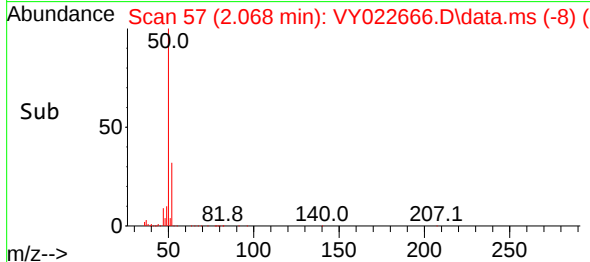
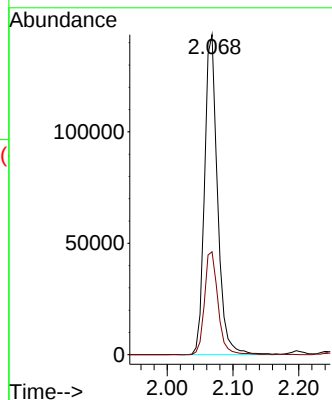
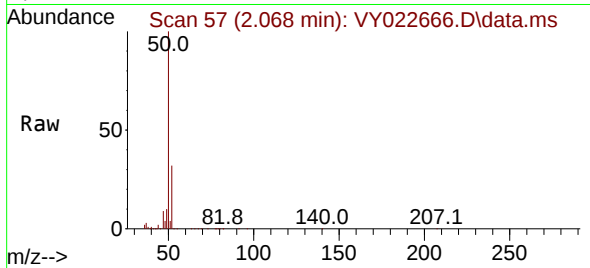




#3
Chloromethane
Concen: 42.871 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

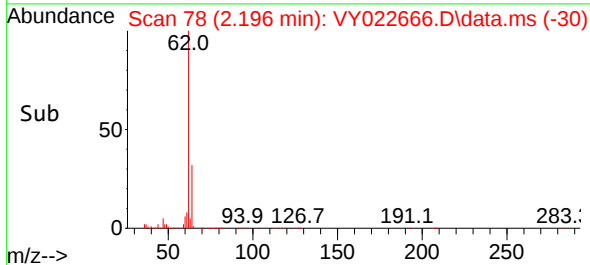
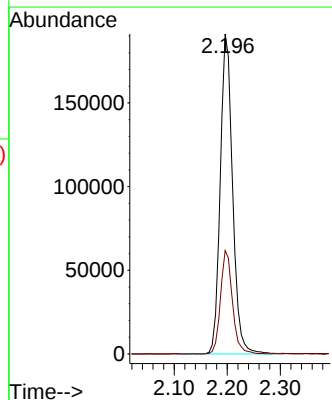
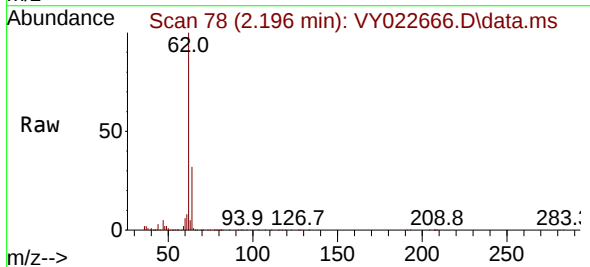
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 197549
Ion Ratio Lower Upper
50 100
52 32.2 26.0 39.0



#4
Vinyl Chloride
Concen: 57.847 ug/l
RT: 2.196 min Scan# 78
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 62 Resp: 309232
Ion Ratio Lower Upper
62 100
64 32.3 25.3 37.9

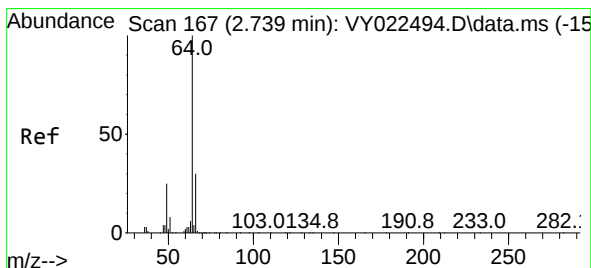
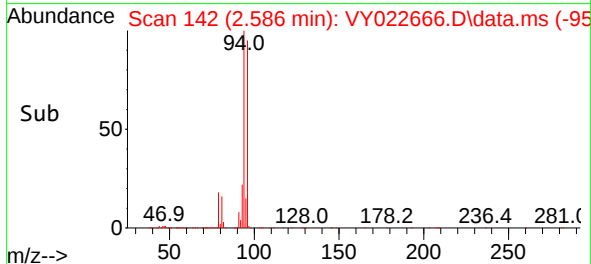
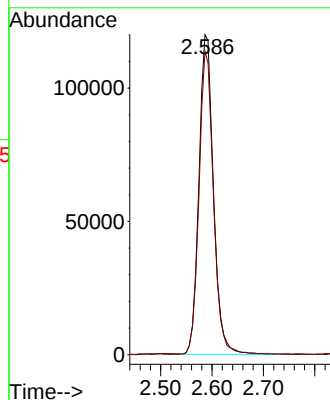
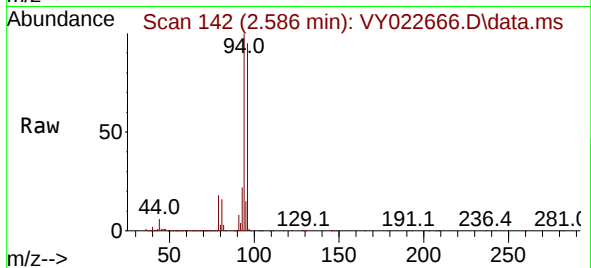




#5
Bromomethane
Concen: 46.122 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.012 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

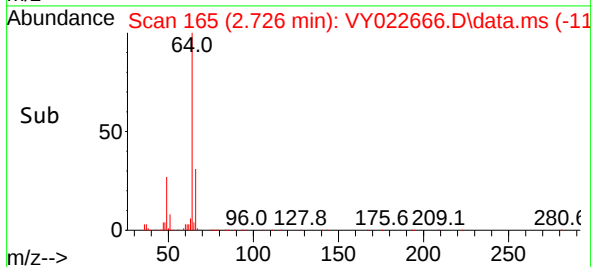
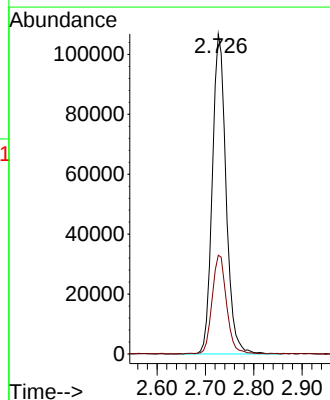
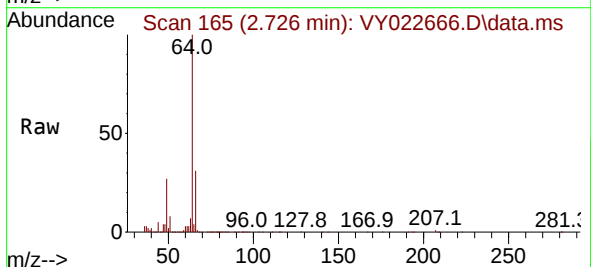
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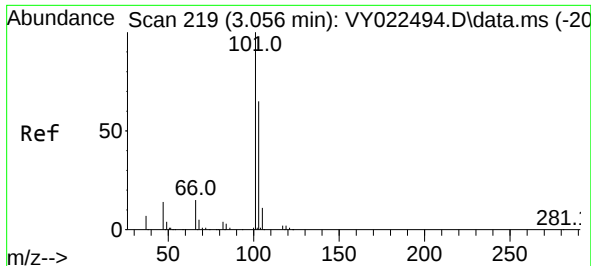
Tgt Ion: 94 Resp: 236312
Ion Ratio Lower Upper
94 100
96 94.6 74.0 111.0



#6
Chloroethane
Concen: 57.510 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 64 Resp: 211015
Ion Ratio Lower Upper
64 100
66 30.9 23.8 35.6

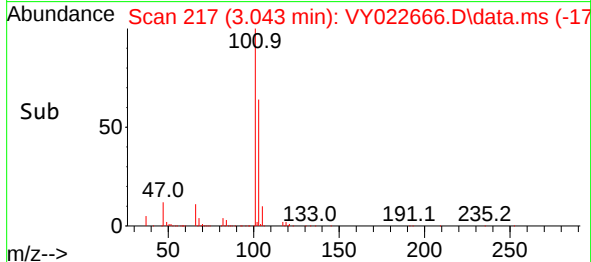
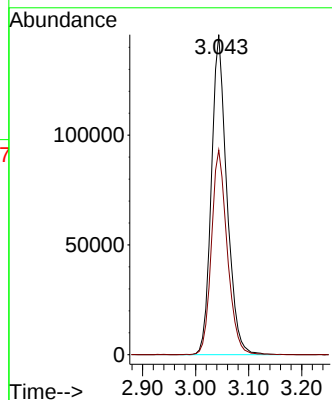
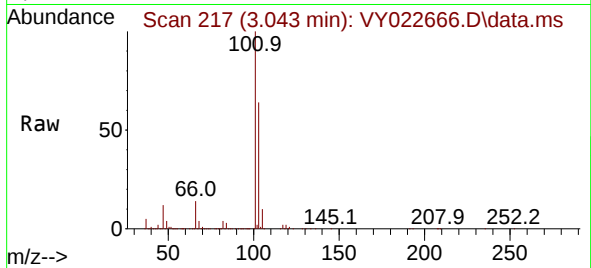




#7
Trichlorofluoromethane
Concen: 65.108 ug/l
RT: 3.043 min Scan# 21
Delta R.T. -0.012 min
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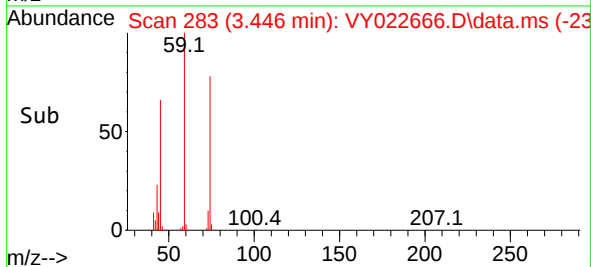
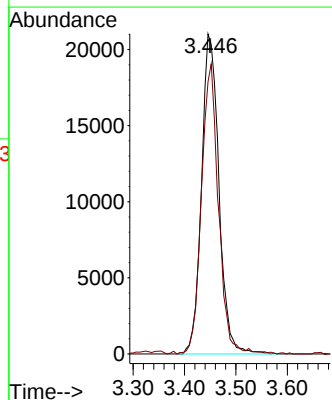
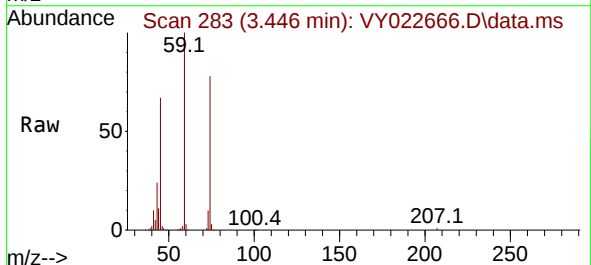
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 295467
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.2



#8
Diethyl Ether
Concen: 48.345 ug/l
RT: 3.446 min Scan# 283
Delta R.T. -0.018 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 74 Resp: 49409
Ion Ratio Lower Upper
74 100
45 87.9 45.9 137.6

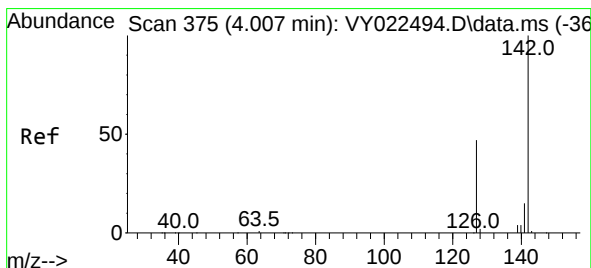
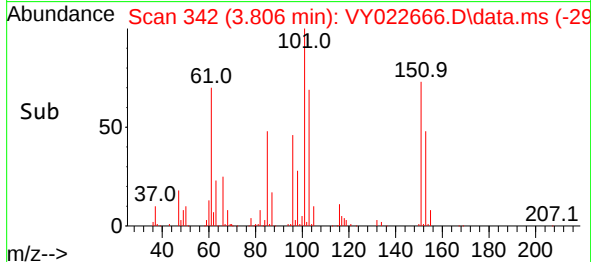
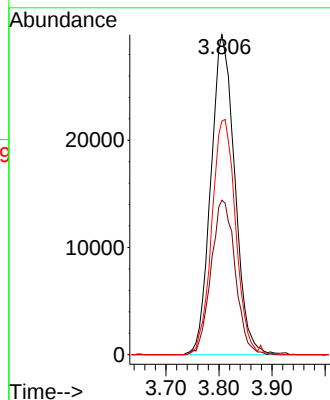
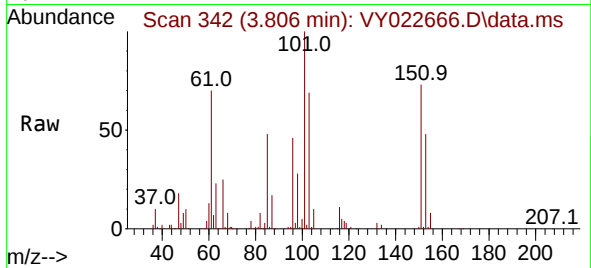




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.886 ug/l
RT: 3.806 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY022666.D
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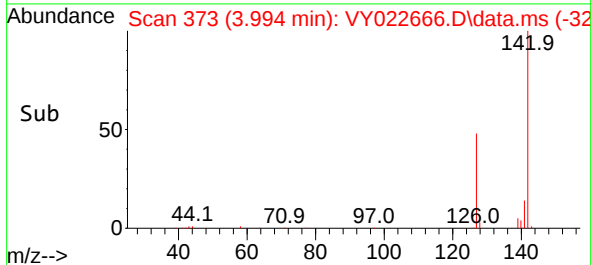
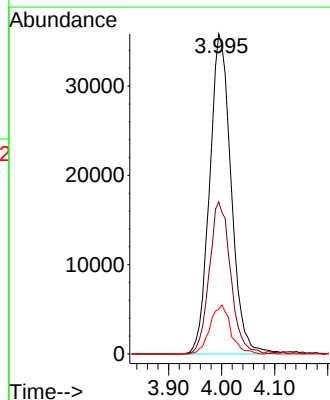
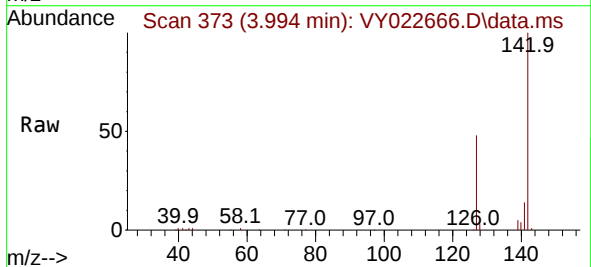
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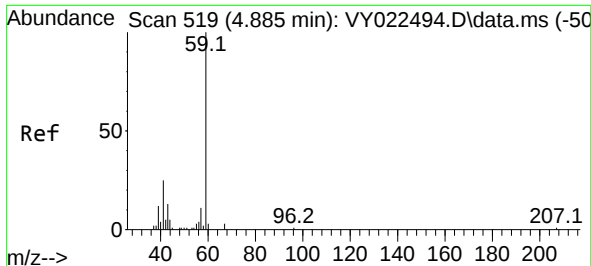
Tgt Ion:101 Resp: 93438
Ion Ratio Lower Upper
101 100
85 48.7 39.3 58.9
151 73.5 57.8 86.8



#10
Methyl Iodide
Concen: 48.842 ug/l
RT: 3.994 min Scan# 373
Delta R.T. -0.012 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion:142 Resp: 101025
Ion Ratio Lower Upper
142 100
127 47.0 37.1 55.7
141 14.8 11.4 17.2

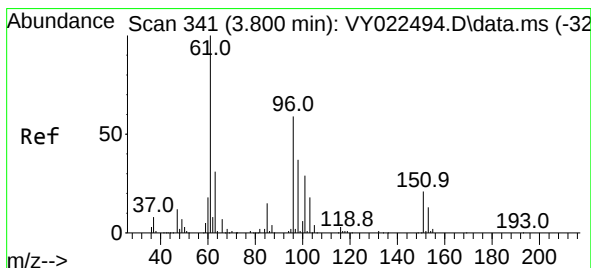
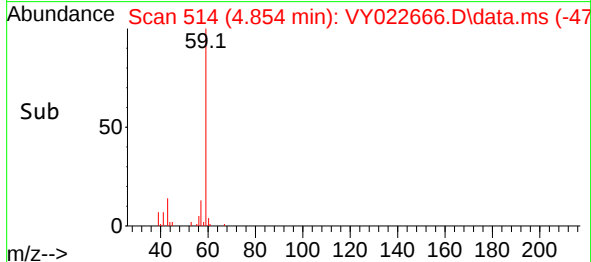
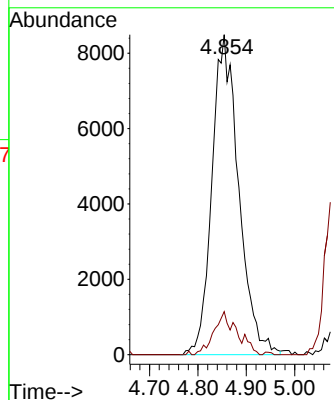
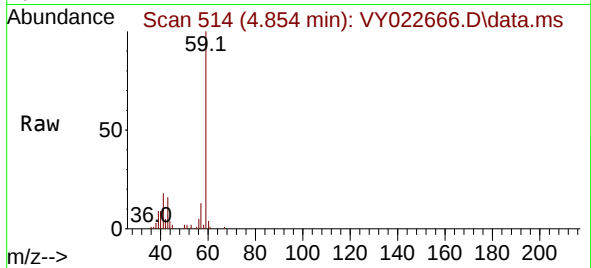




#11
Tert butyl alcohol
Concen: 233.752 ug/l
RT: 4.854 min Scan# 51
Delta R.T. -0.031 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

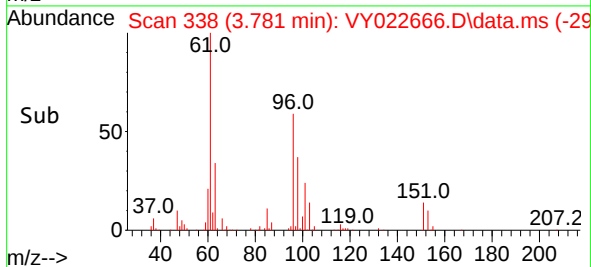
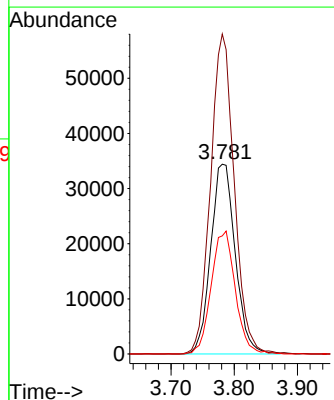
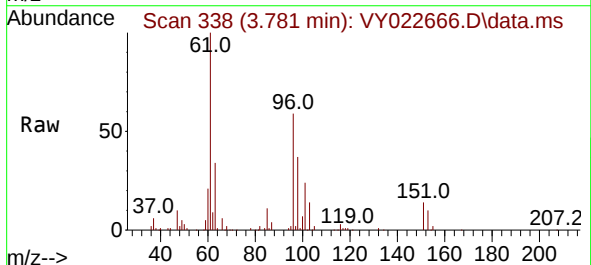
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

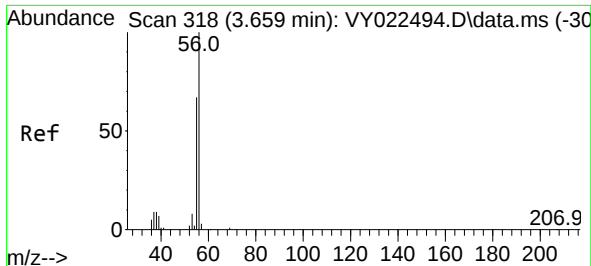
Tgt Ion: 59 Resp: 32532
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0



#12
1,1-Dichloroethene
Concen: 50.838 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.018 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 96 Resp: 92881
Ion Ratio Lower Upper
96 100
61 168.6 134.6 201.8
98 62.3 50.2 75.4

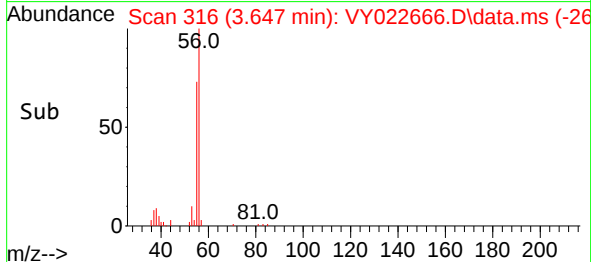
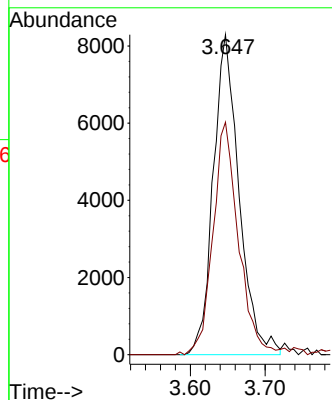
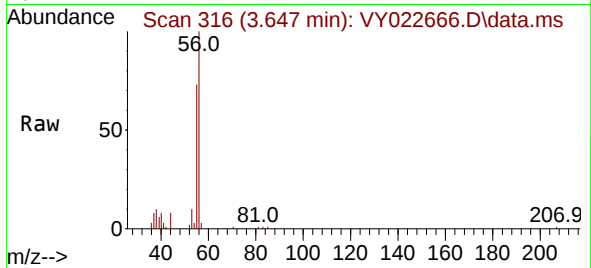




#13
Acrolein
Concen: 114.647 ug/l
RT: 3.647 min Scan# 318
Delta R.T. -0.012 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

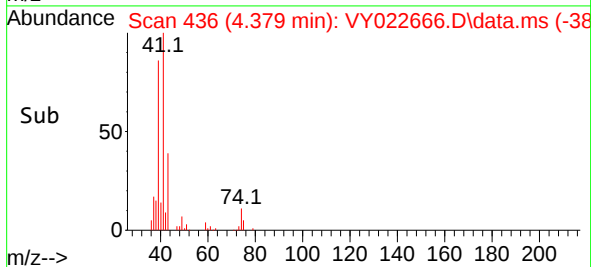
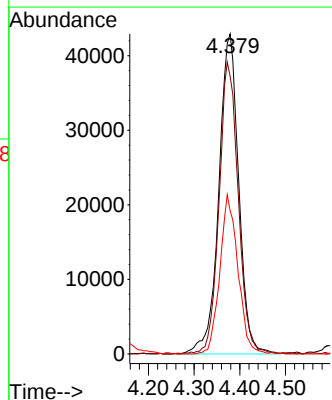
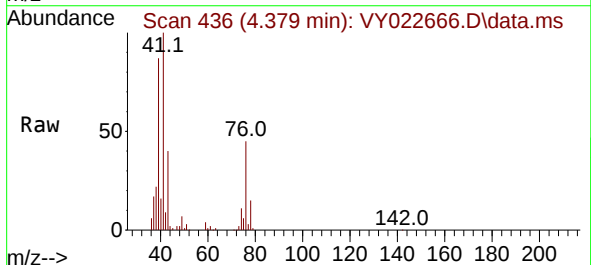
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 19885
Ion Ratio Lower Upper
56 100
55 71.8 57.0 85.6



#14
Allyl chloride
Concen: 45.190 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 41 Resp: 129611
Ion Ratio Lower Upper
41 100
39 88.2 69.1 103.7
76 45.3 33.5 50.3

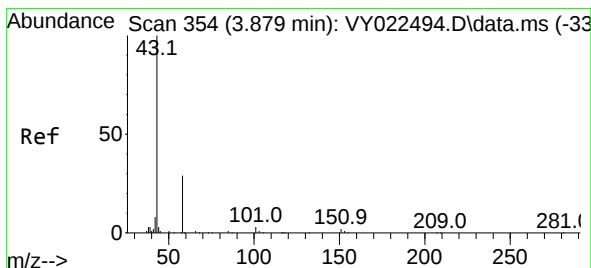
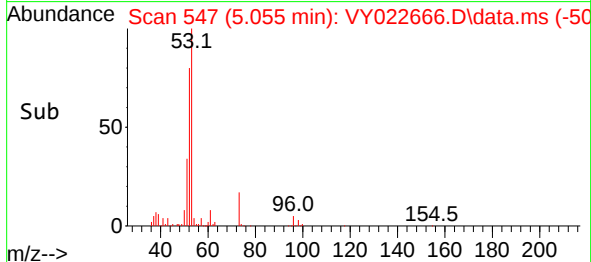
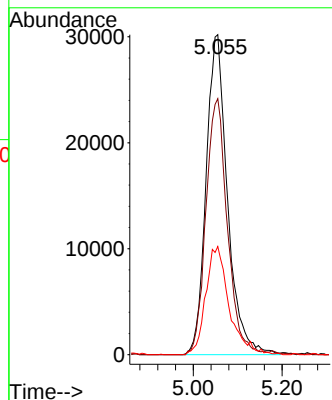
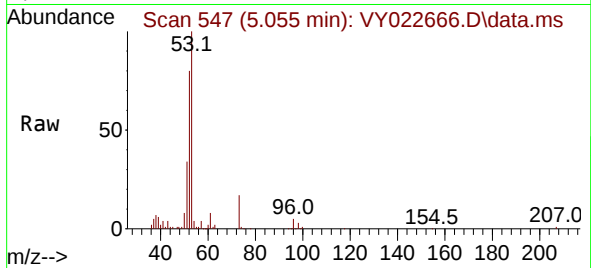




#15
Acrylonitrile
Concen: 233.541 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

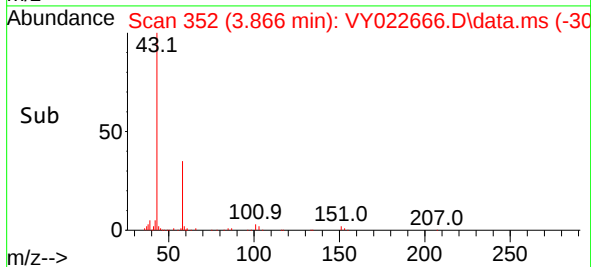
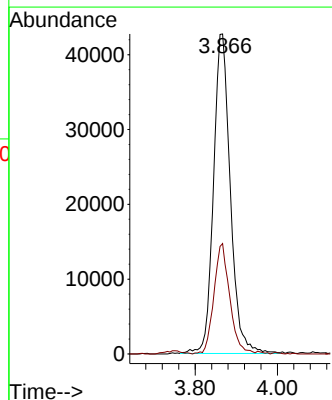
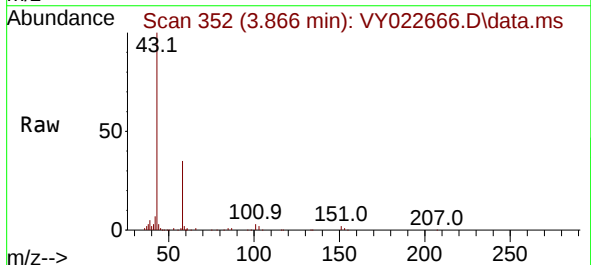
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

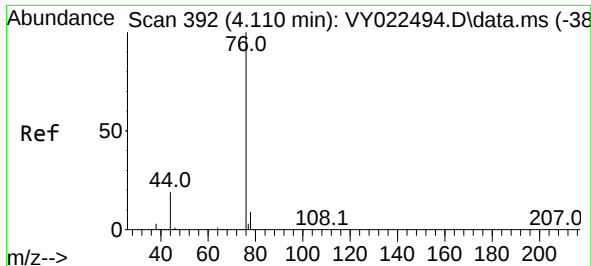
Tgt Ion: 53 Resp: 101084
Ion Ratio Lower Upper
53 100
52 80.5 65.7 98.5
51 37.0 30.1 45.1



#16
Acetone
Concen: 307.387 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 43 Resp: 121641
Ion Ratio Lower Upper
43 100
58 34.3 24.0 36.0

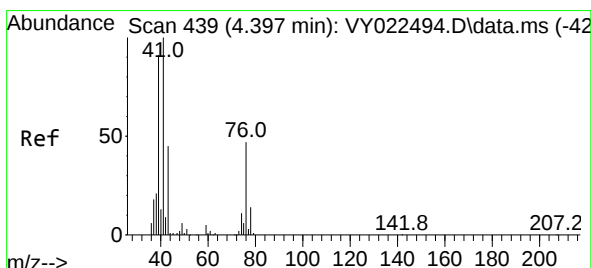
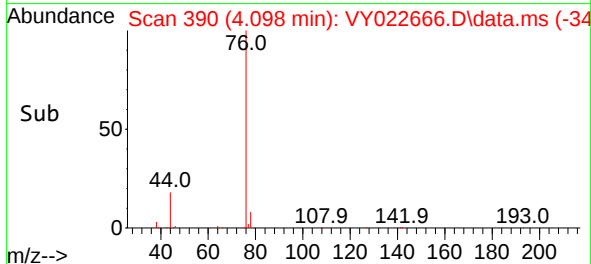
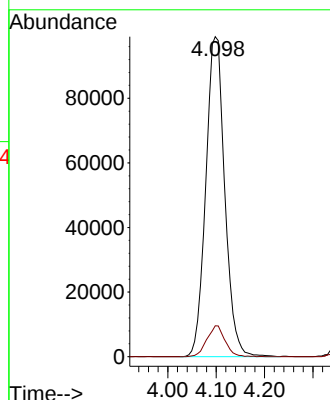
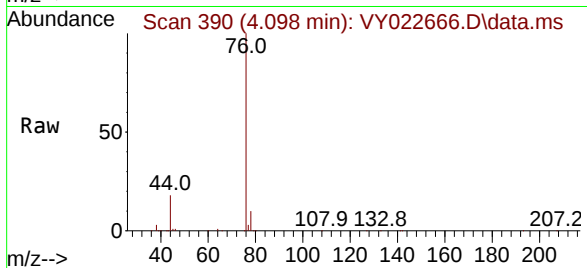




#17
Carbon Disulfide
Concen: 46.203 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

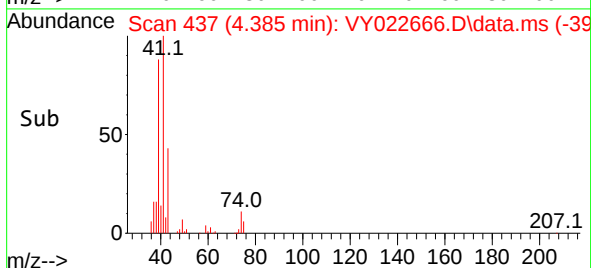
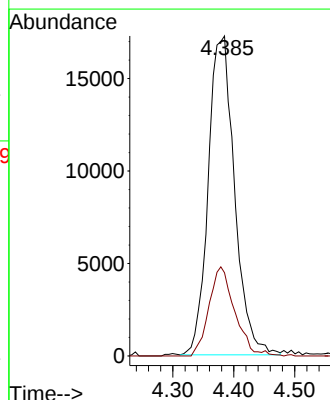
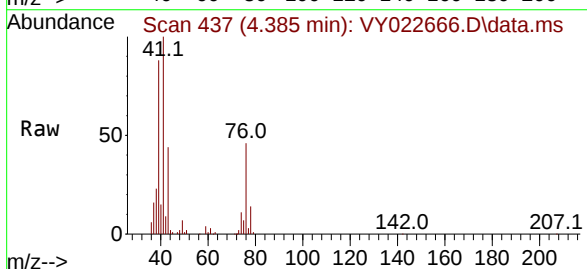
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

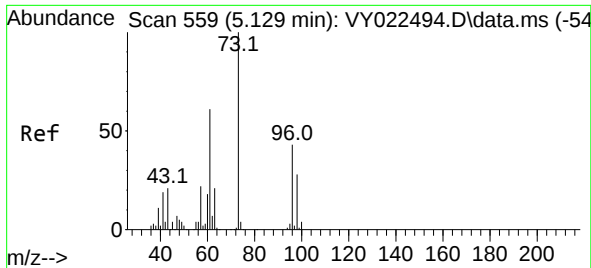
Tgt Ion: 76 Resp: 270252
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 44.181 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 43 Resp: 51773
Ion Ratio Lower Upper
43 100
74 27.4 19.8 29.6

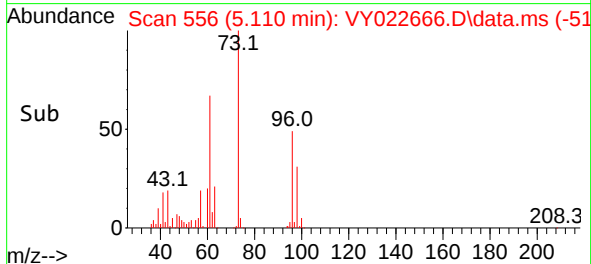
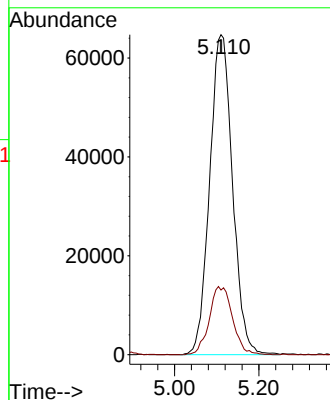
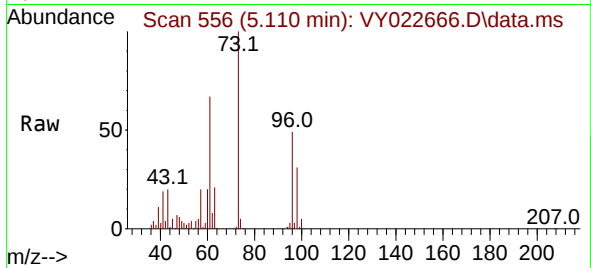




#19
Methyl tert-butyl Ether
Concen: 47.393 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

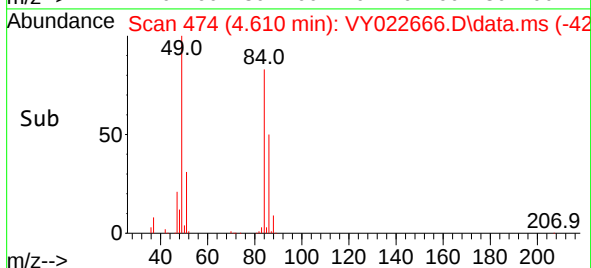
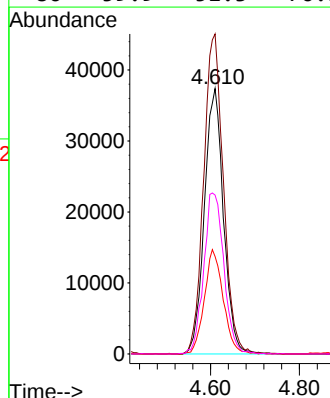
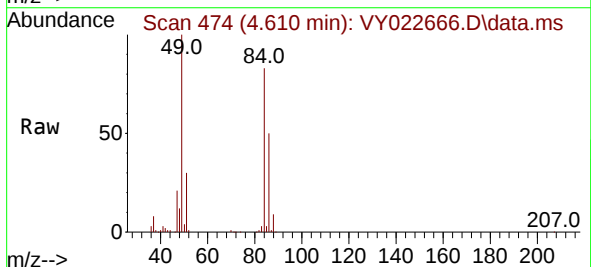
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

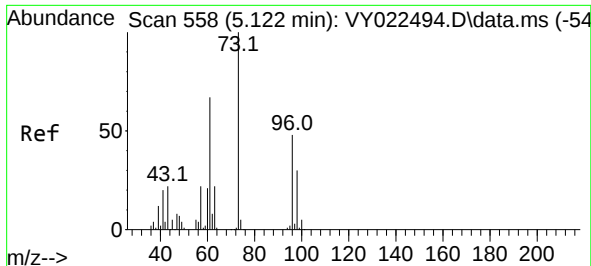
Tgt Ion: 73 Resp: 243878
Ion Ratio Lower Upper
73 100
57 20.2 17.4 26.0



#20
Methylene Chloride
Concen: 49.830 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 84 Resp: 112010
Ion Ratio Lower Upper
84 100
49 120.6 101.9 152.9
51 36.7 29.8 44.8
86 59.9 51.3 76.9

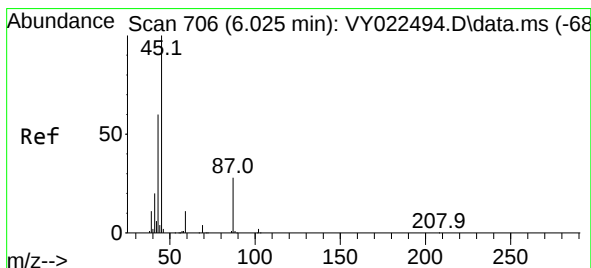
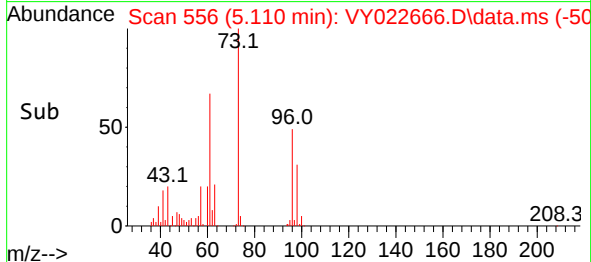
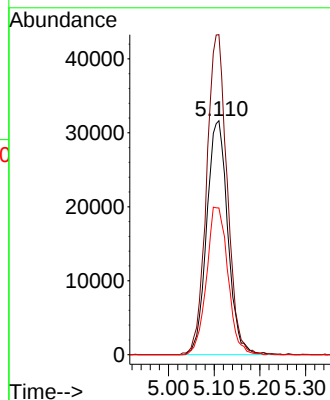
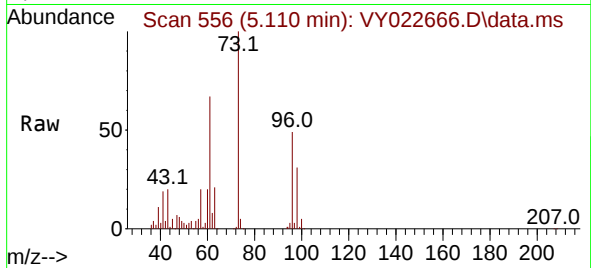




#21
trans-1,2-Dichloroethene
Concen: 49.588 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.012 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

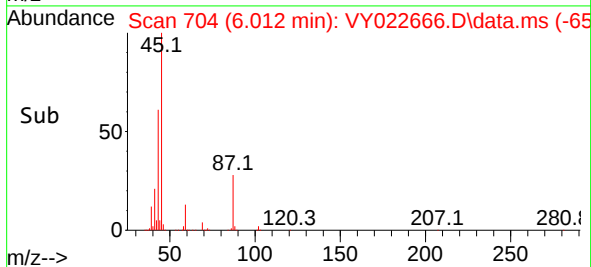
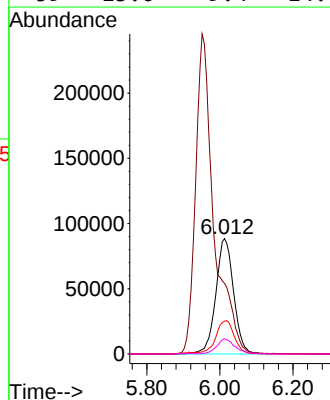
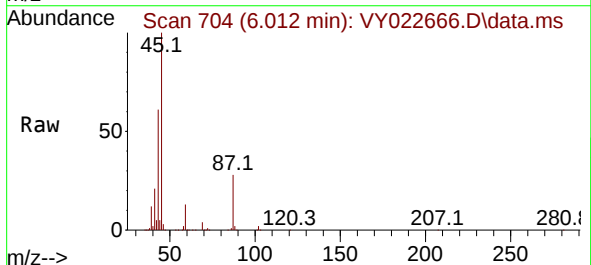
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 101396
Ion Ratio Lower Upper
96 100
61 136.8 112.6 169.0
98 62.7 50.6 75.8



#22
Diisopropyl ether
Concen: 46.871 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 45 Resp: 299230
Ion Ratio Lower Upper
45 100
43 60.8 48.3 72.5
87 28.4 23.0 34.6
59 13.0 9.4 14.0

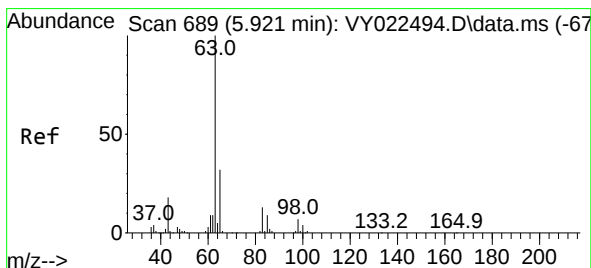
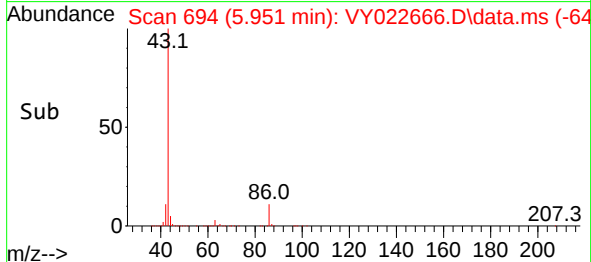
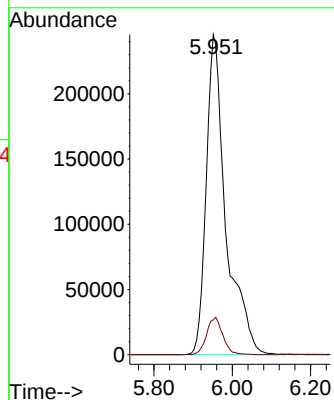
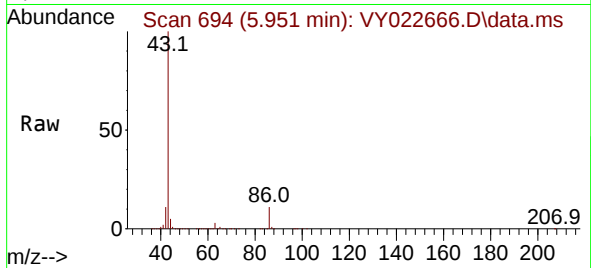




#23
 Vinyl Acetate
 Concen: 226.240 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. -0.018 min
 Lab File: VY022666.D
 Acq: 12 Jun 2025 11:44

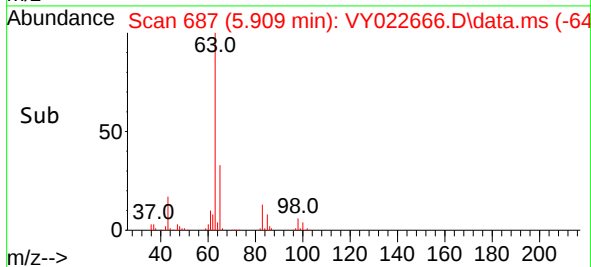
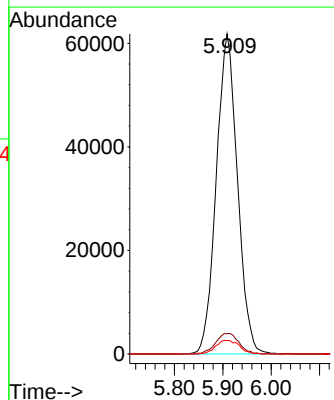
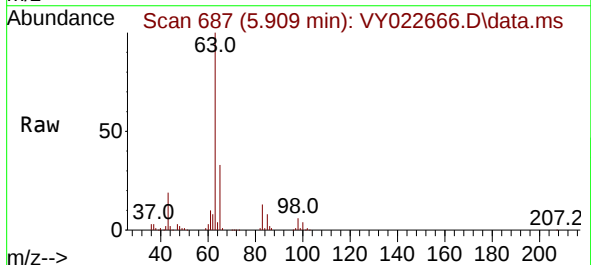
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 854879
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 49.926 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022666.D
 Acq: 12 Jun 2025 11:44

Tgt Ion: 63 Resp: 187772
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.1
 100 4.2 2.1 6.3

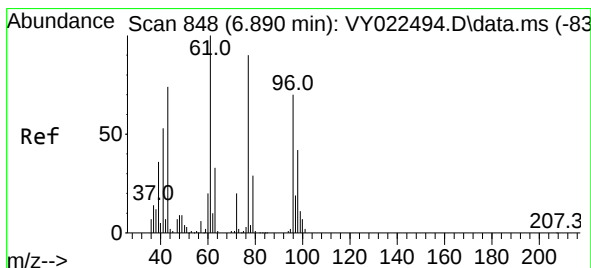
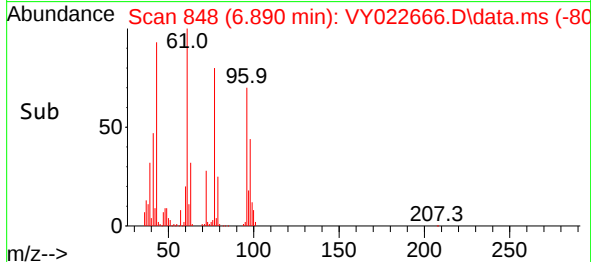
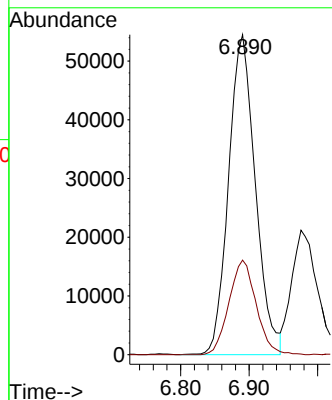
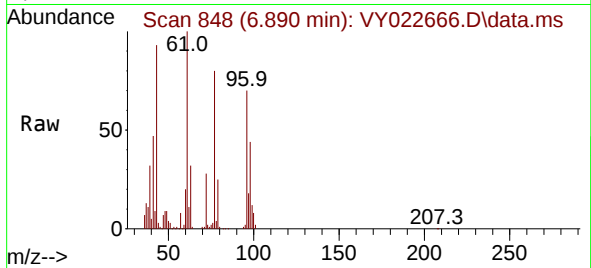




#25
2-Butanone
Concen: 259.369 ug/l
RT: 6.890 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

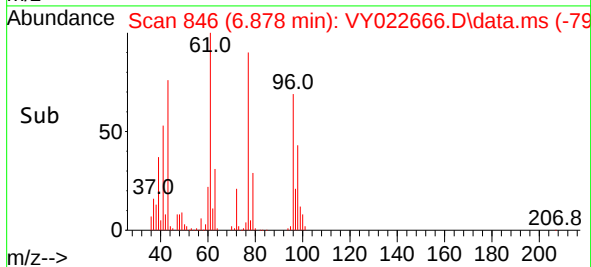
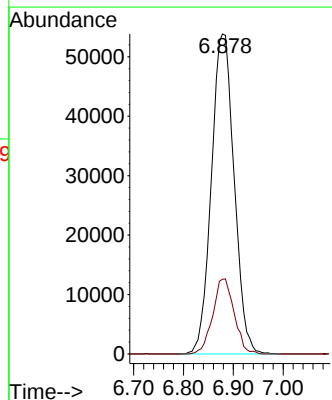
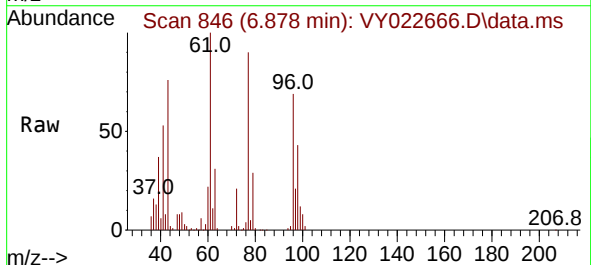
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 148051
Ion Ratio Lower Upper
43 100
72 29.6 22.9 34.3



#26
2,2-Dichloropropane
Concen: 51.361 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 77 Resp: 170678
Ion Ratio Lower Upper
77 100
97 22.1 11.4 34.2

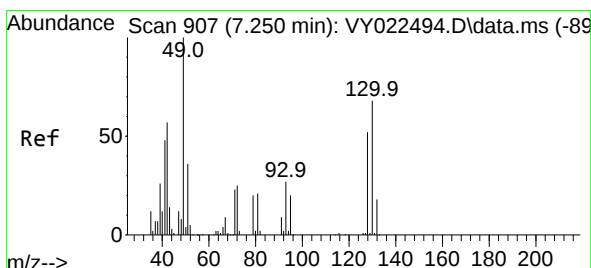
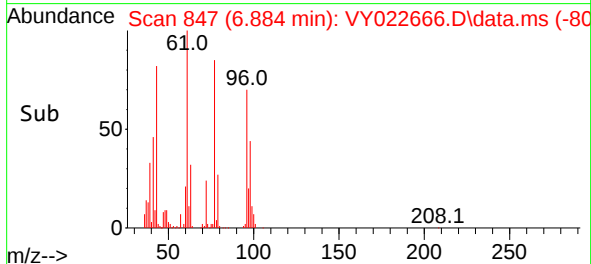
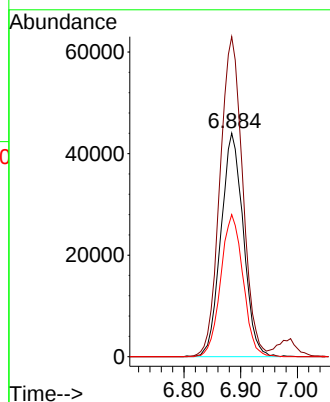
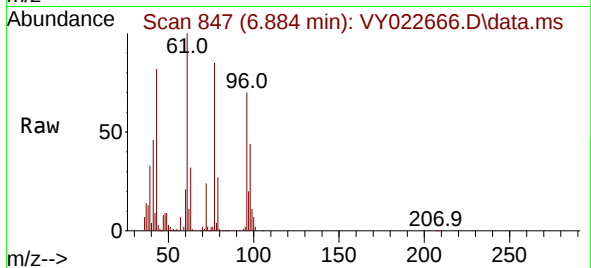




#27
 cis-1,2-Dichloroethene
 Concen: 51.032 ug/l
 RT: 6.884 min Scan# 849
 Delta R.T. -0.012 min
 Lab File: VY022666.D
 Acq: 12 Jun 2025 11:44

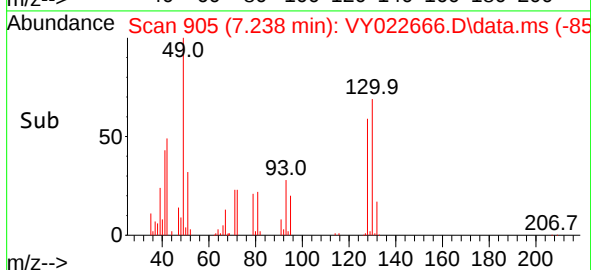
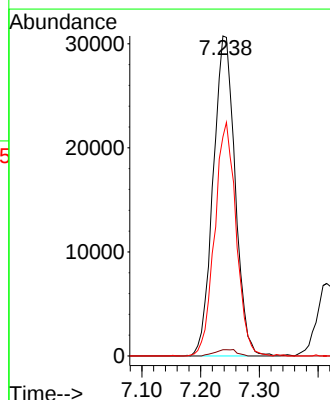
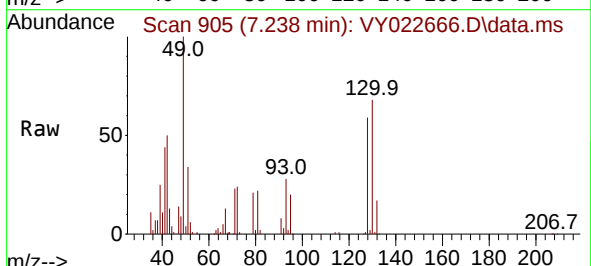
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

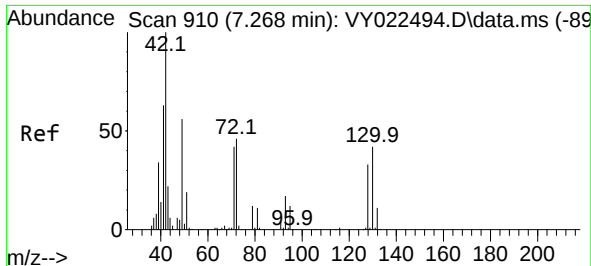
Tgt Ion: 96 Resp: 120611
 Ion Ratio Lower Upper
 96 100
 61 145.0 0.0 290.0
 98 63.2 0.0 128.4



#28
 Bromochloromethane
 Concen: 48.629 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.012 min
 Lab File: VY022666.D
 Acq: 12 Jun 2025 11:44

Tgt Ion: 49 Resp: 79726
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 71.4 55.7 83.5





#29

Tetrahydrofuran

Concen: 218.464 ug/l

RT: 7.256 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

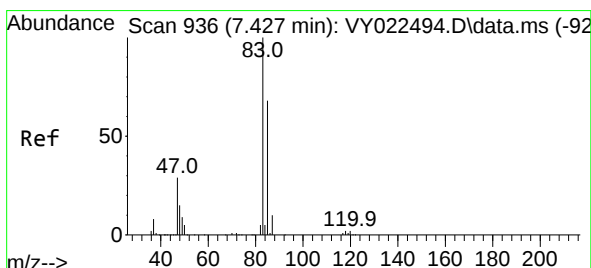
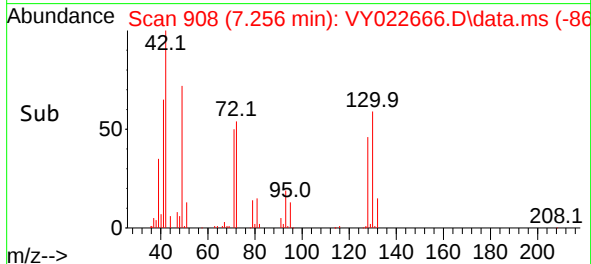
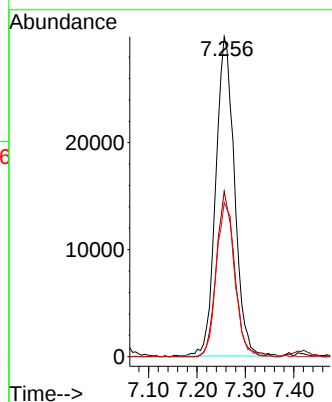
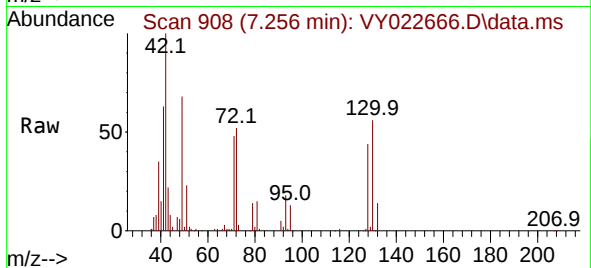
Tgt Ion: 42 Resp: 80429

Ion Ratio Lower Upper

42 100

72 49.9 37.4 56.2

71 47.8 34.2 51.2



#30

Chloroform

Concen: 51.053 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY022666.D

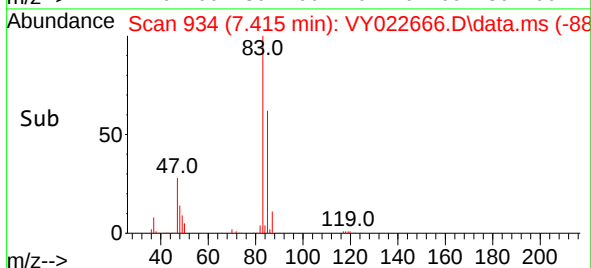
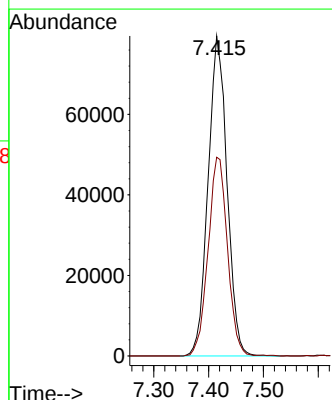
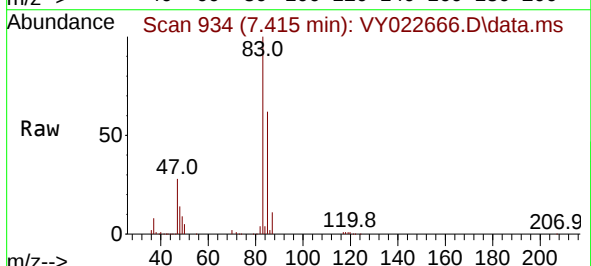
Acq: 12 Jun 2025 11:44

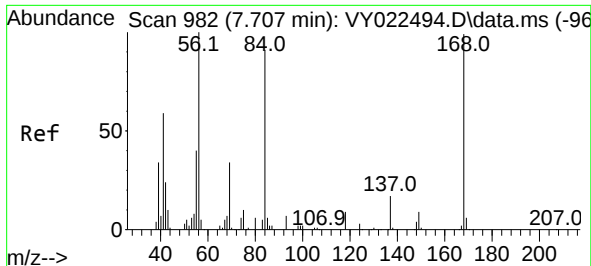
Tgt Ion: 83 Resp: 190185

Ion Ratio Lower Upper

83 100

85 62.1 54.2 81.4

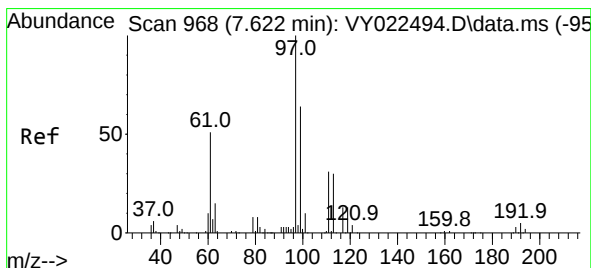
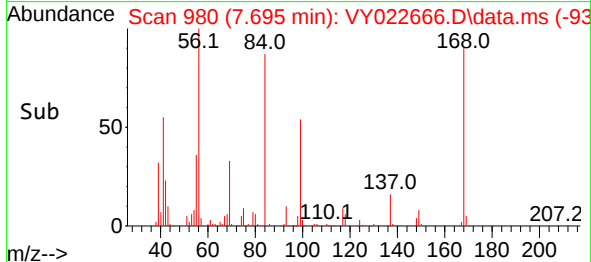
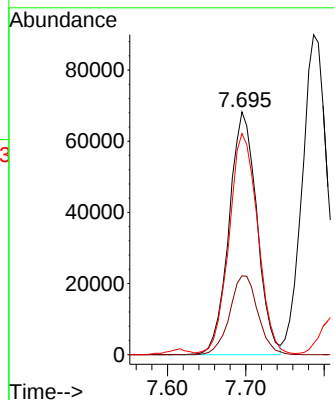
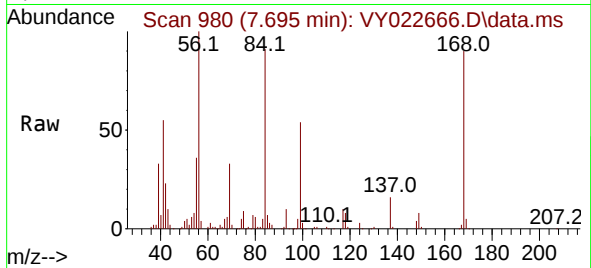




#31
Cyclohexane
Concen: 44.968 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

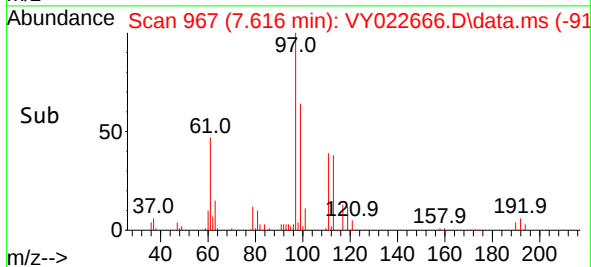
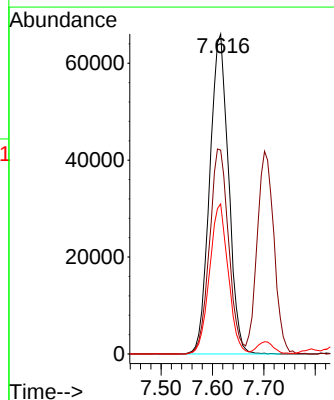
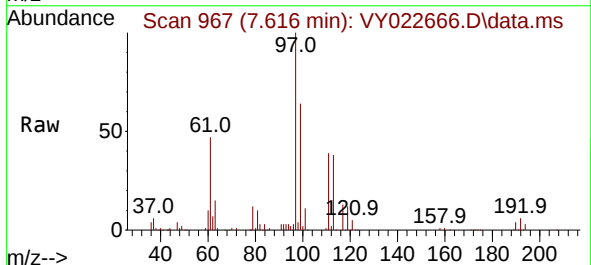
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 168373
Ion Ratio Lower Upper
56 100
69 32.4 27.0 40.6
84 88.7 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 50.710 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 97 Resp: 167695
Ion Ratio Lower Upper
97 100
99 65.3 50.9 76.3
61 46.6 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 49.319 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

Instrument :

MSVOA_Y

ClientSampleId :

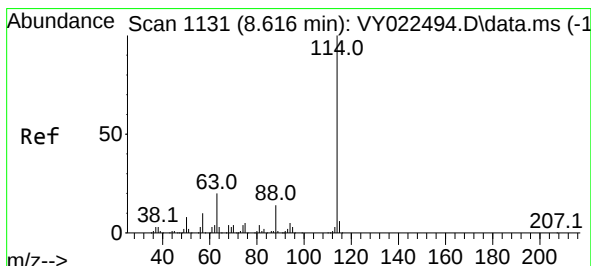
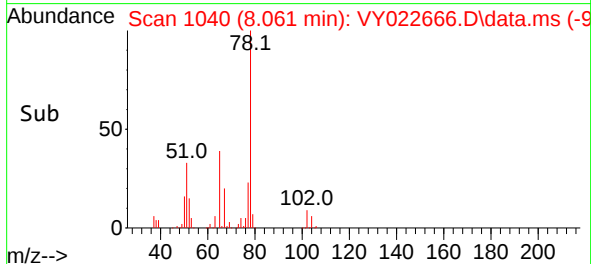
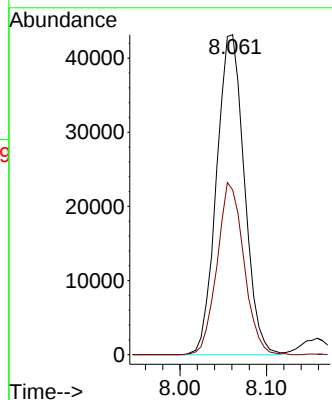
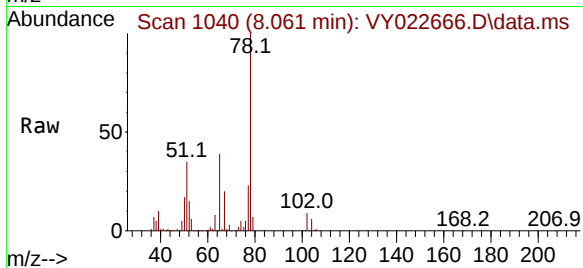
VSTDCCC050

Tgt Ion: 65 Resp: 96101

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

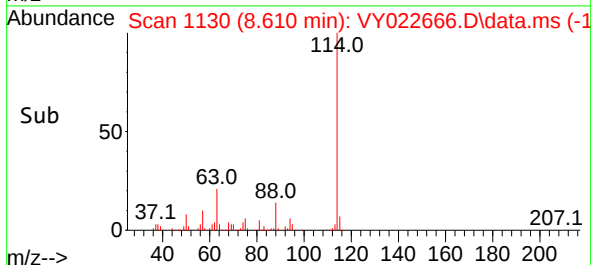
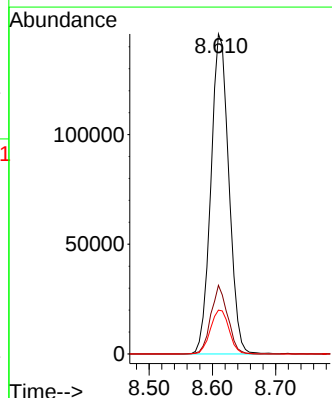
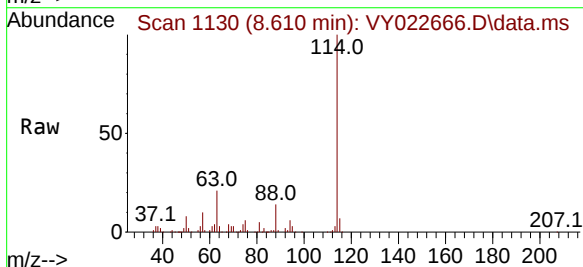
Tgt Ion: 114 Resp: 287160

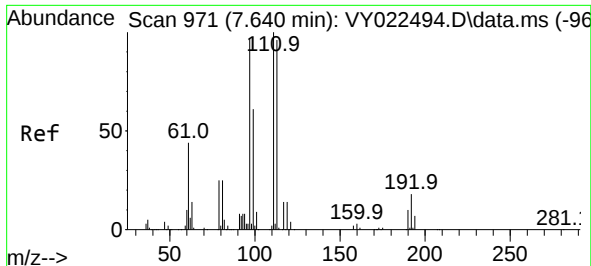
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.8

88 13.7 0.0 27.8

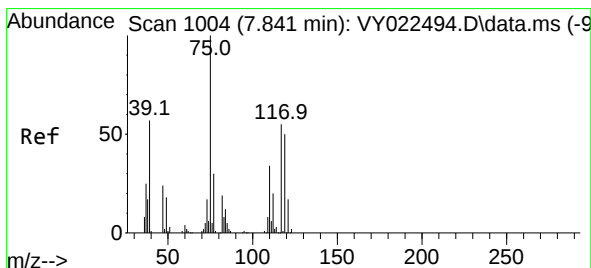
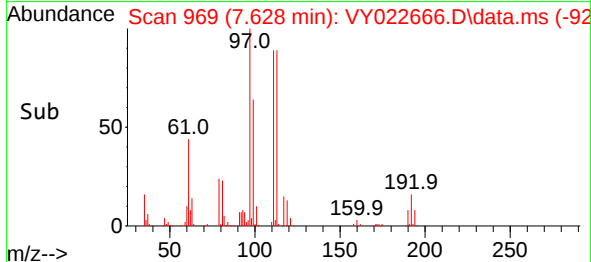
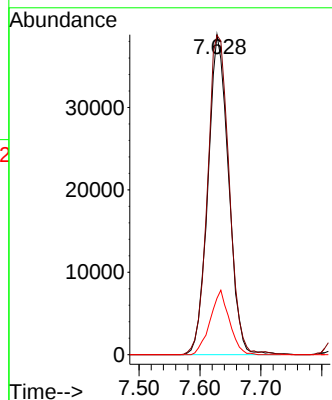
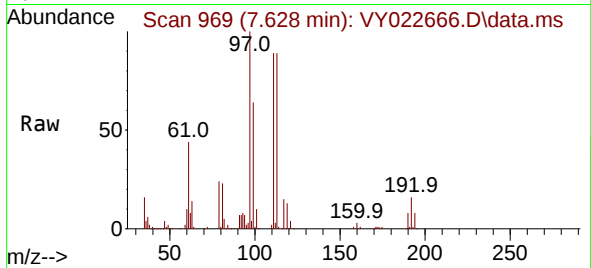




#35
Dibromofluoromethane
Concen: 53.226 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

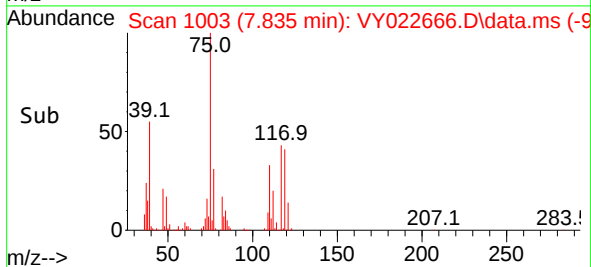
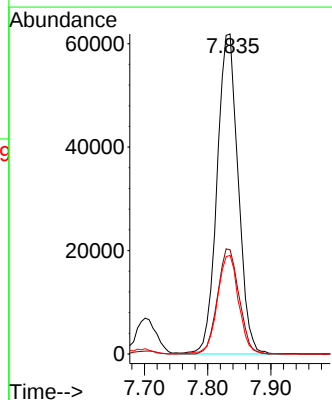
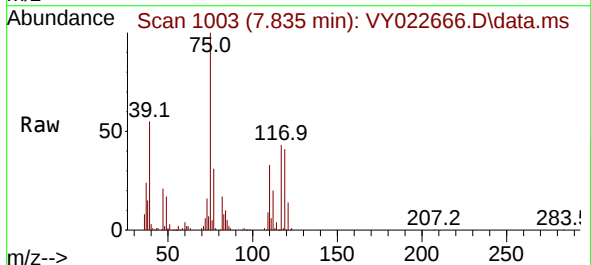
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

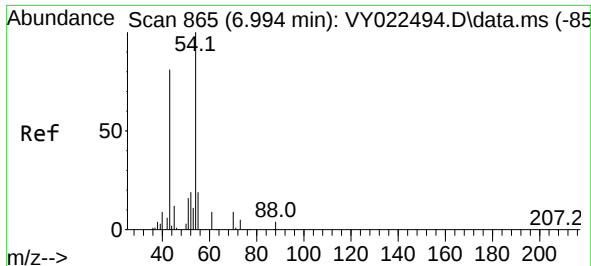
Tgt Ion:113 Resp: 91230
Ion Ratio Lower Upper
113 100
111 104.4 81.1 121.7
192 18.8 14.2 21.2



#36
1,1-Dichloropropene
Concen: 51.417 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 75 Resp: 143033
Ion Ratio Lower Upper
75 100
110 33.4 16.9 50.7
77 31.1 24.8 37.2

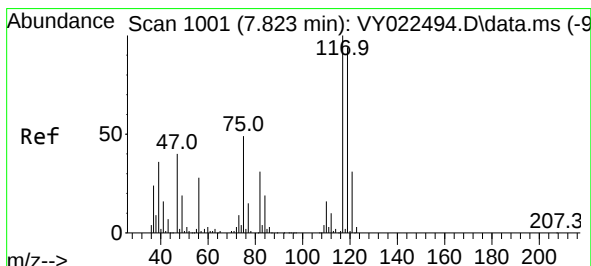
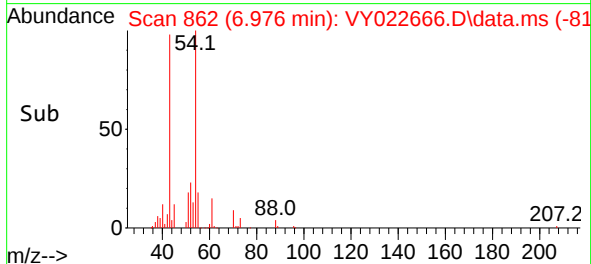
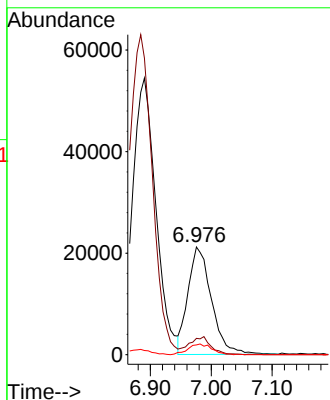
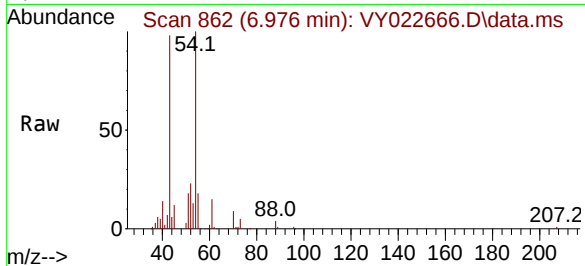




#37
Ethyl Acetate
Concen: 45.614 ug/l
RT: 6.976 min Scan# 80
Delta R.T. -0.018 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

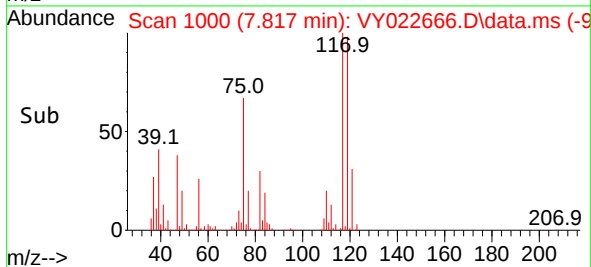
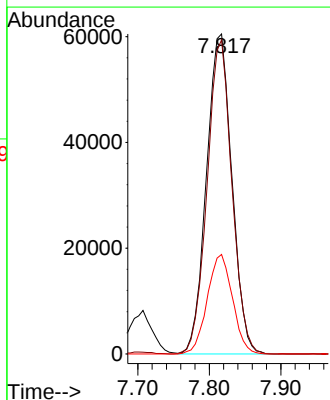
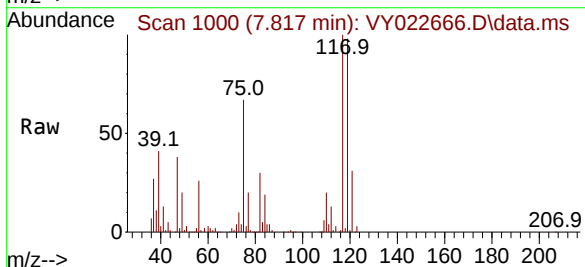
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

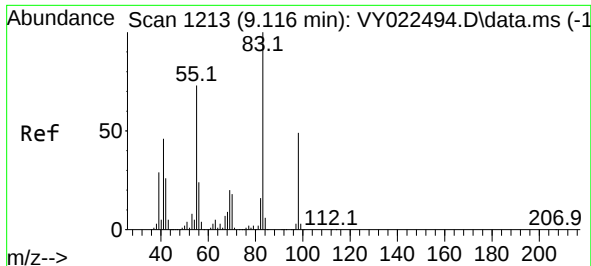
Tgt Ion: 43 Resp: 56587
Ion Ratio Lower Upper
43 100
61 15.7 11.5 17.3
70 10.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 52.438 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 117 Resp: 149646
Ion Ratio Lower Upper
117 100
119 98.1 75.0 112.6
121 31.1 25.0 37.4





#39

Methylcyclohexane

Concen: 50.234 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

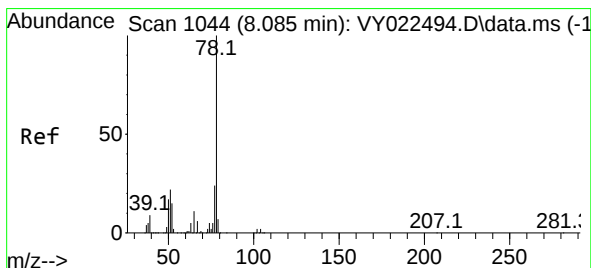
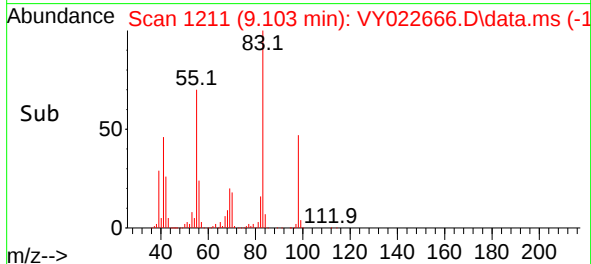
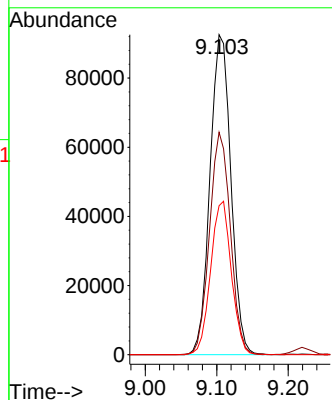
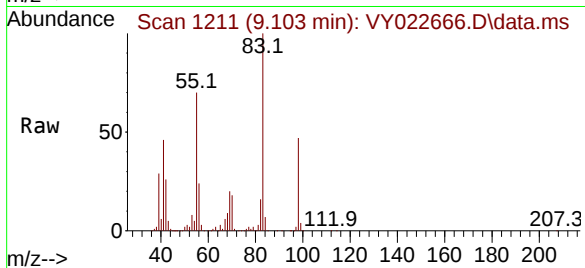
Tgt Ion: 83 Resp: 187793

Ion Ratio Lower Upper

83 100

55 69.5 58.1 87.1

98 46.6 39.0 58.6



#40

Benzene

Concen: 51.476 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022666.D

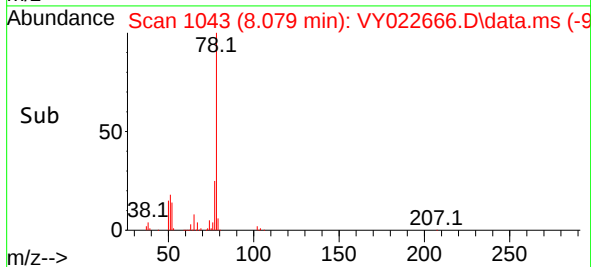
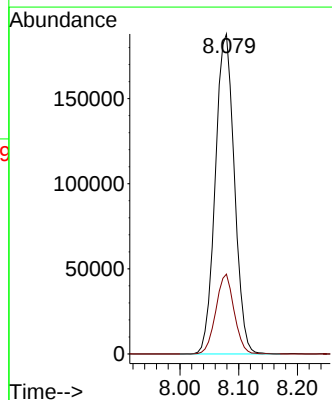
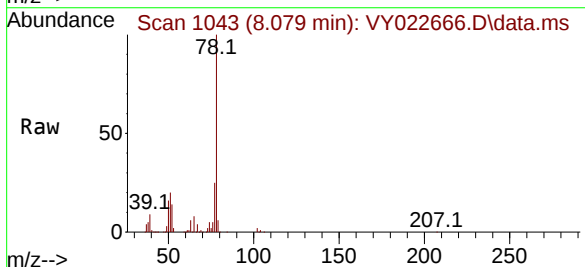
Acq: 12 Jun 2025 11:44

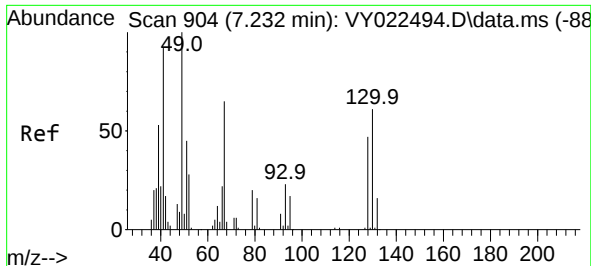
Tgt Ion: 78 Resp: 422943

Ion Ratio Lower Upper

78 100

77 24.9 19.3 28.9

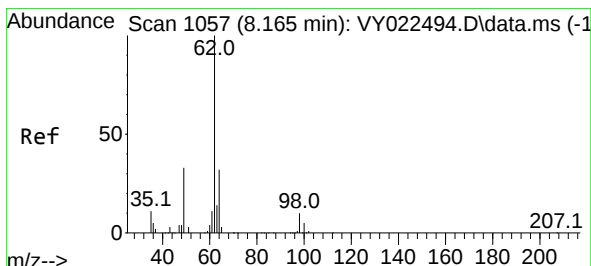
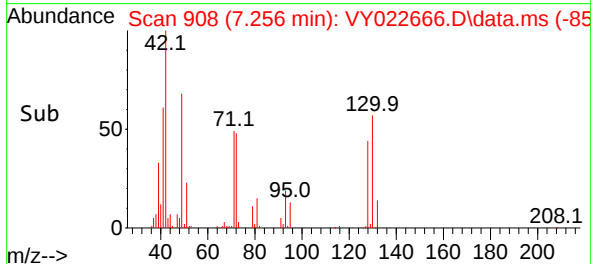
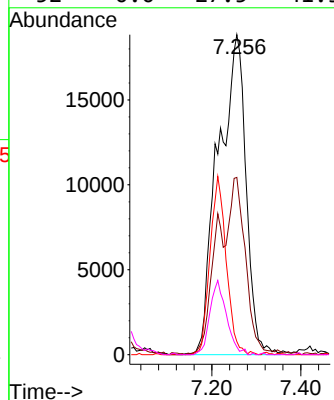
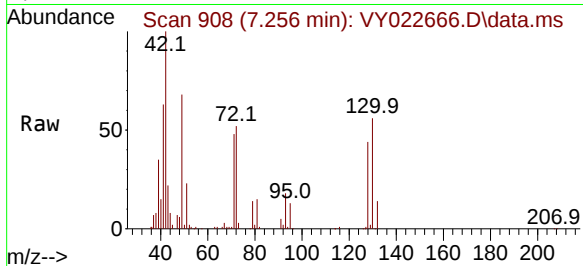




#41
Methacrylonitrile
Concen: 112.706 ug/l
RT: 7.256 min Scan# 904
Delta R.T. 0.024 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

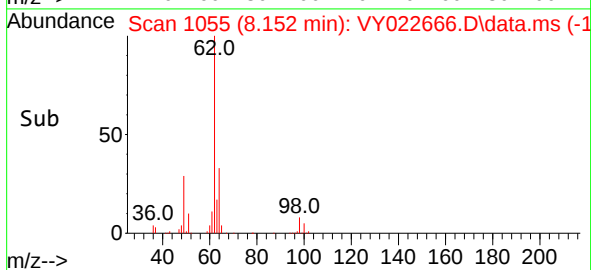
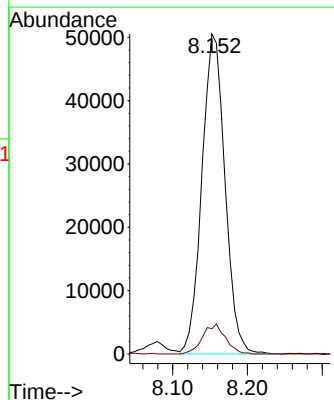
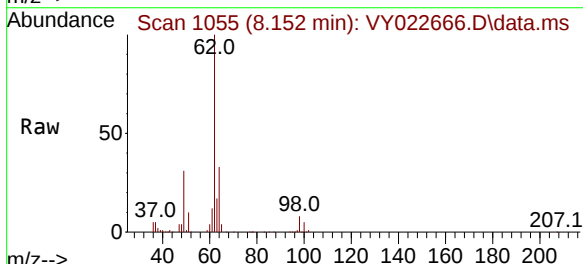
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

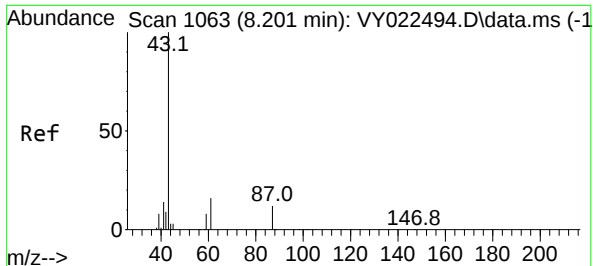
Tgt Ion:	41	Resp:	81669
Ion	Ratio	Lower	Upper
41	100		
39	31.5	46.6	69.8#
67	0.0	63.3	94.9#
52	0.0	27.5	41.3#



#42
1,2-Dichloroethane
Concen: 48.299 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion:	62	Resp:	108355
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2





#43

Isopropyl Acetate

Concen: 45.911 ug/l

RT: 8.195 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

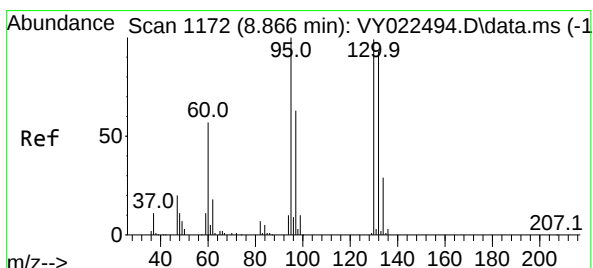
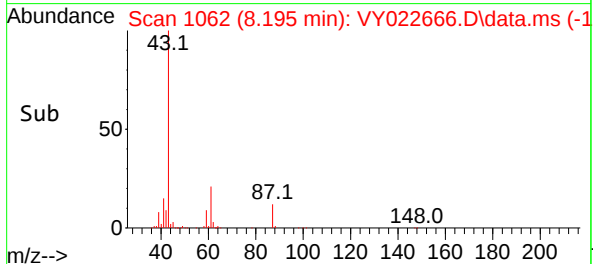
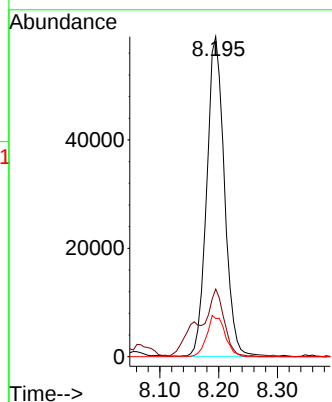
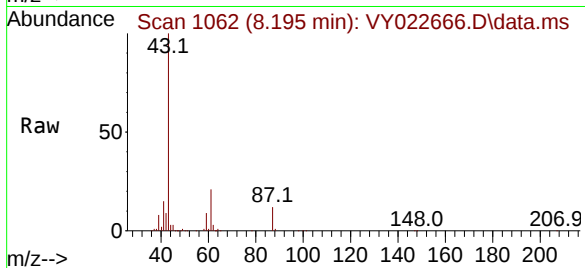
Tgt Ion: 43 Resp: 123007

Ion Ratio Lower Upper

43 100

61 19.6 15.6 23.4

87 13.2 10.2 15.4



#44

Trichloroethene

Concen: 53.272 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY022666.D

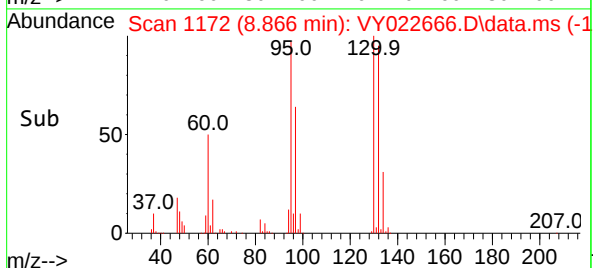
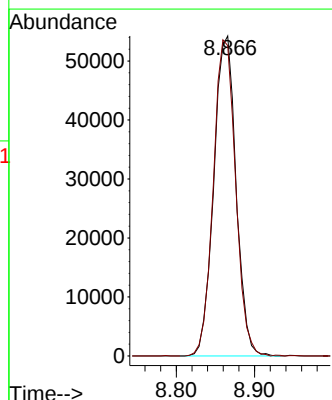
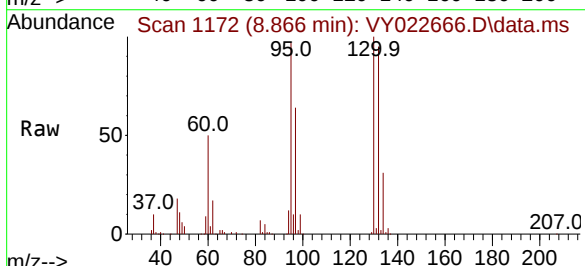
Acq: 12 Jun 2025 11:44

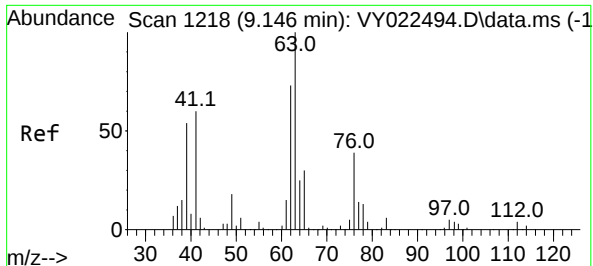
Tgt Ion:130 Resp: 106977

Ion Ratio Lower Upper

130 100

95 97.0 0.0 203.0

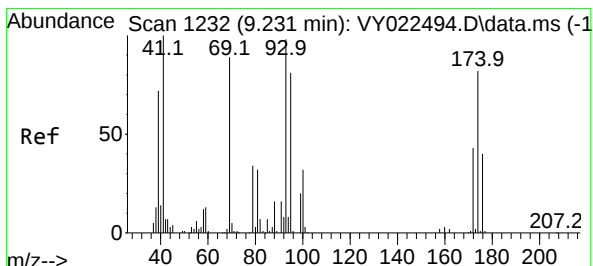
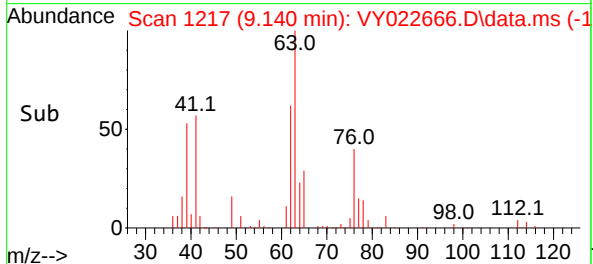
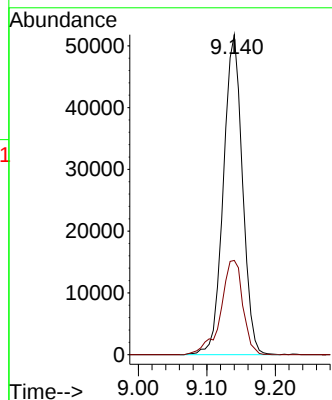
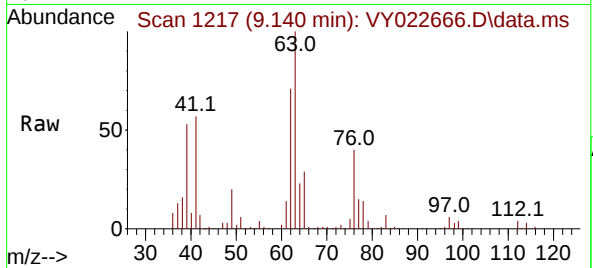




#45
1,2-Dichloropropane
Concen: 51.464 ug/l
RT: 9.140 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

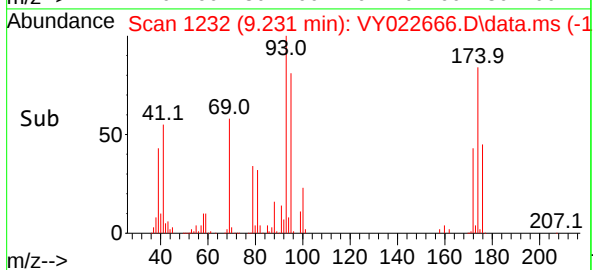
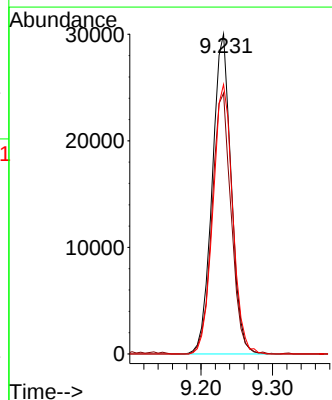
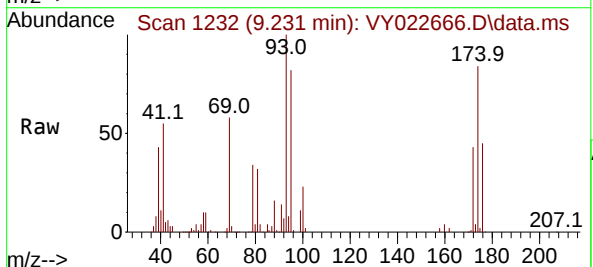
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

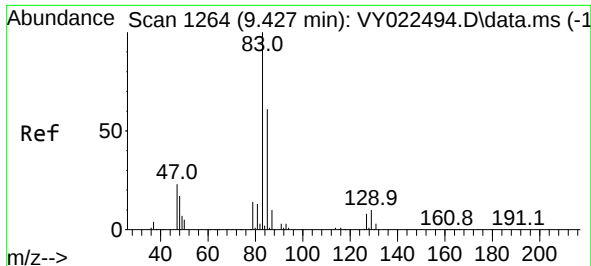
Tgt Ion: 63 Resp: 99933
Ion Ratio Lower Upper
63 100
65 29.4 24.0 36.0



#46
Dibromomethane
Concen: 50.572 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 93 Resp: 55247
Ion Ratio Lower Upper
93 100
95 82.4 65.6 98.4
174 87.4 70.4 105.6

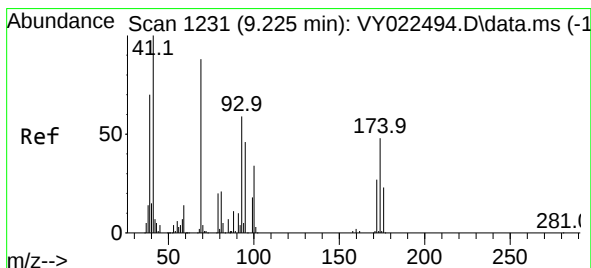
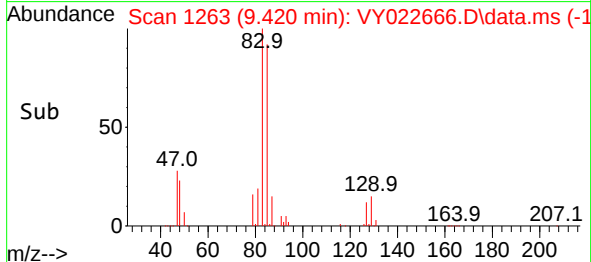
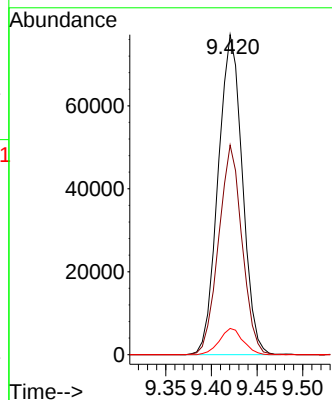
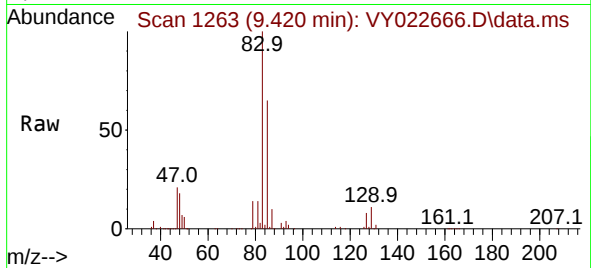




#47
Bromodichloromethane
Concen: 51.406 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

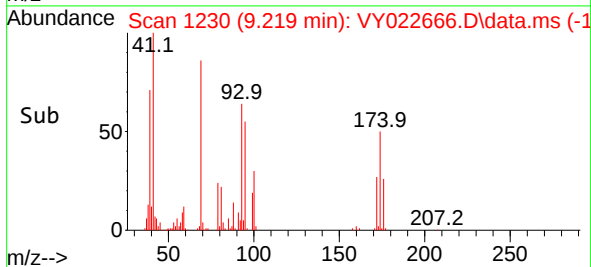
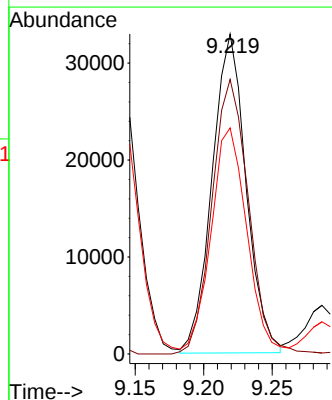
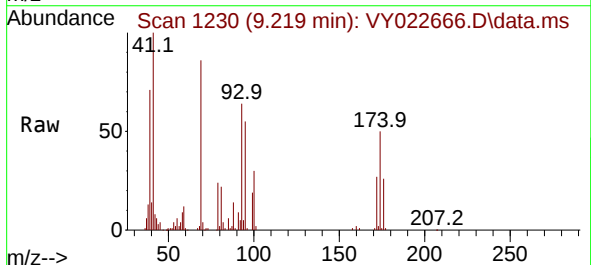
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

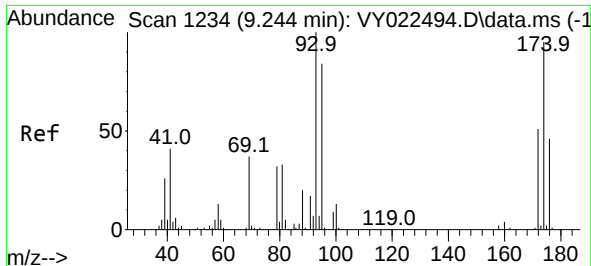
Tgt Ion: 83 Resp: 142396
Ion Ratio Lower Upper
83 100
85 65.5 49.1 73.7
127 8.2 6.2 9.4



#48
Methyl methacrylate
Concen: 45.229 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 41 Resp: 56873
Ion Ratio Lower Upper
41 100
69 92.4 67.8 101.8
39 71.5 55.0 82.4





#49

1,4-Dioxane

Concen: 966.227 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

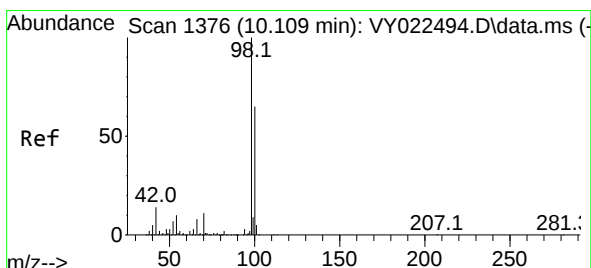
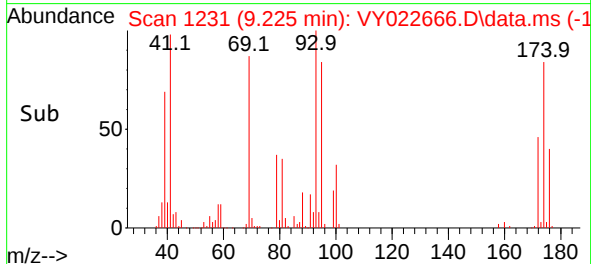
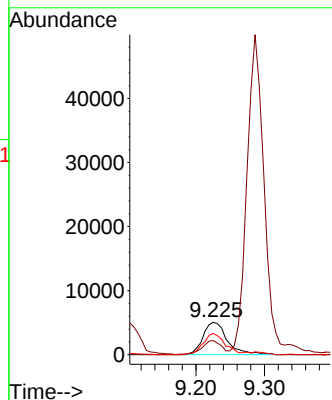
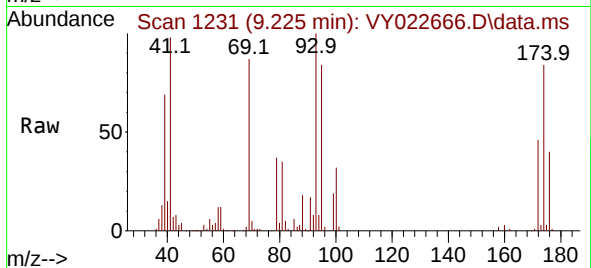
Tgt Ion: 88 Resp: 12505

Ion Ratio Lower Upper

88 100

43 34.0 25.4 38.2

58 59.3 54.9 82.3



#50

Toluene-d8

Concen: 54.015 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022666.D

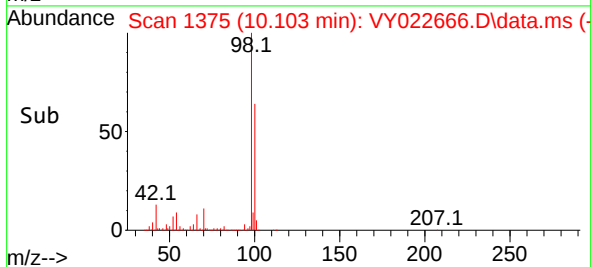
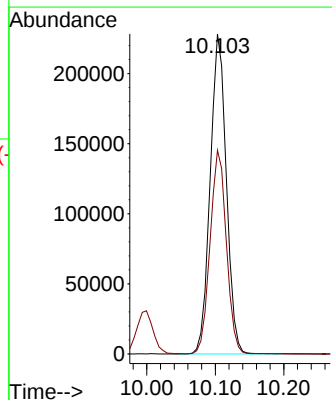
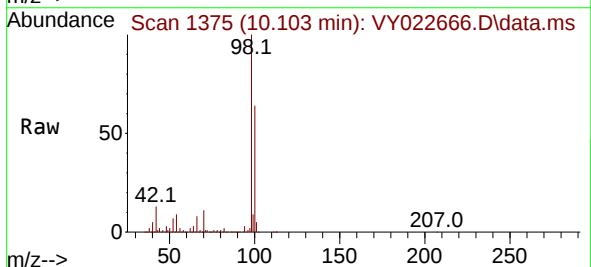
Acq: 12 Jun 2025 11:44

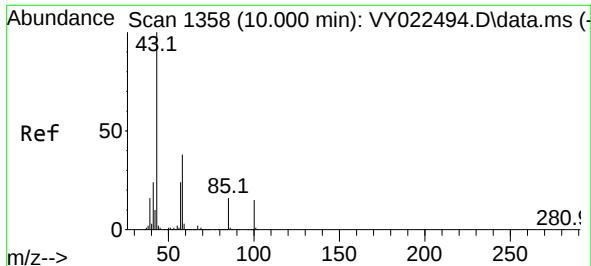
Tgt Ion: 98 Resp: 374091

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0

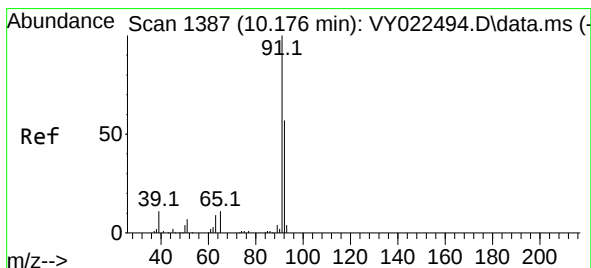
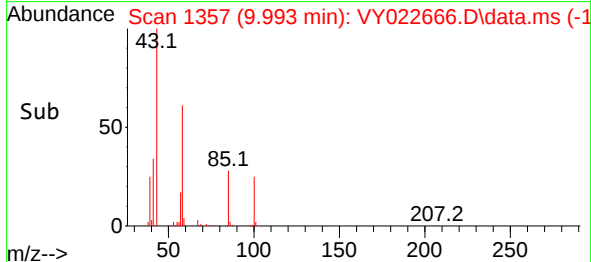
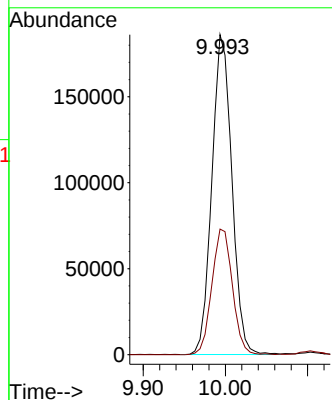
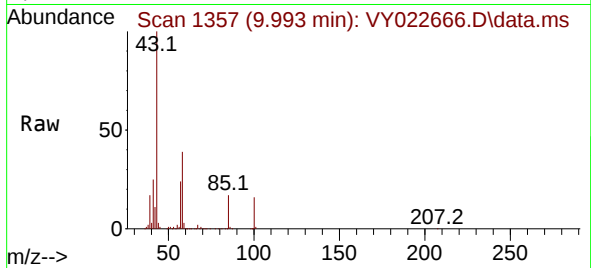




#51
4-Methyl-2-Pentanone
Concen: 235.266 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

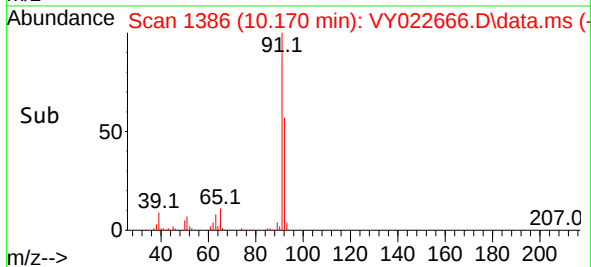
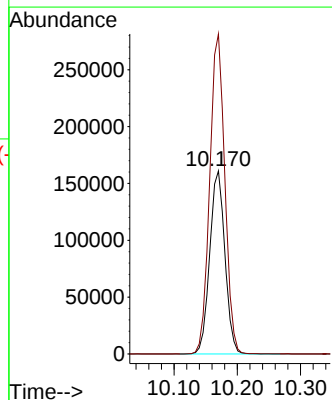
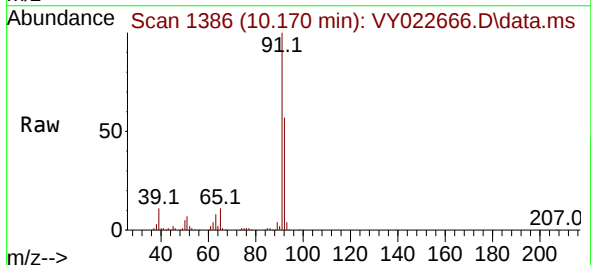
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

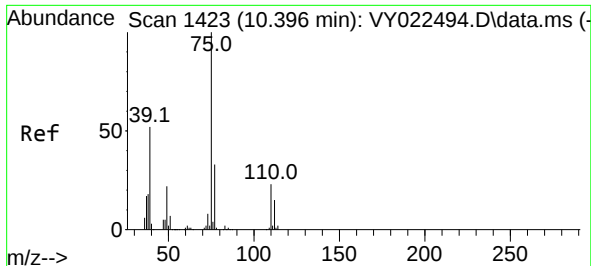
Tgt Ion: 43 Resp: 314268
Ion Ratio Lower Upper
43 100
58 40.3 30.4 45.6



#52
Toluene
Concen: 51.975 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 92 Resp: 268369
Ion Ratio Lower Upper
92 100
91 174.0 139.0 208.4

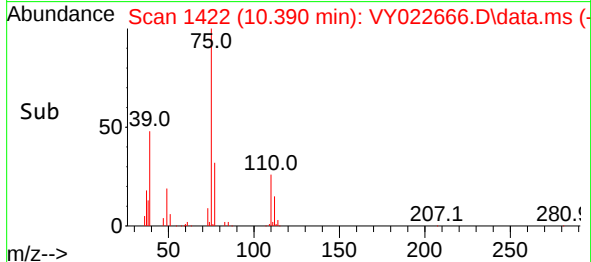
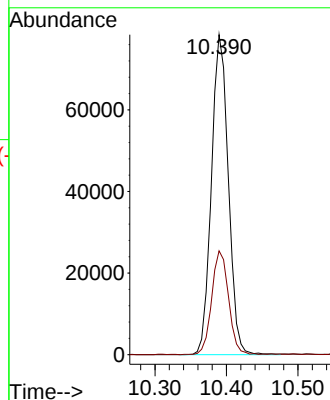
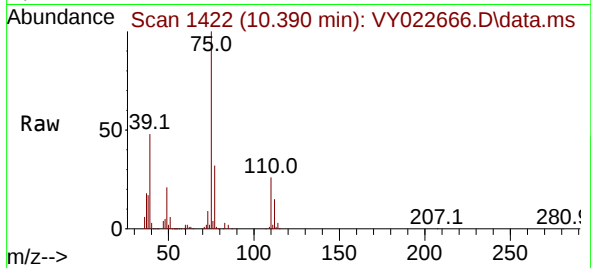




#53
t-1,3-Dichloropropene
Concen: 49.572 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

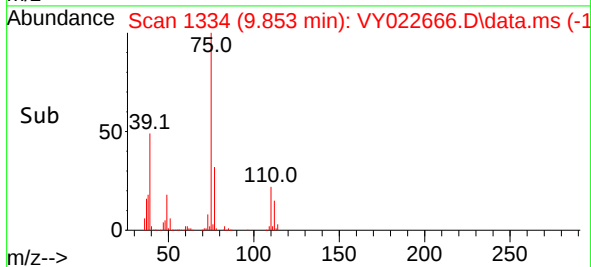
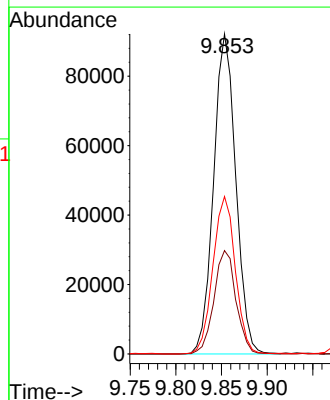
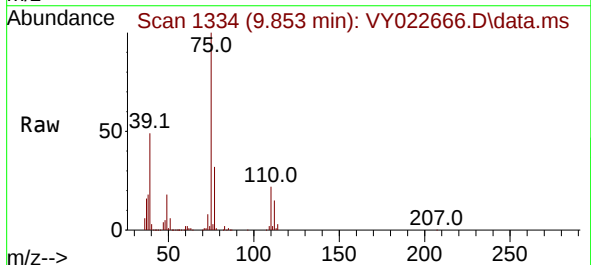
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

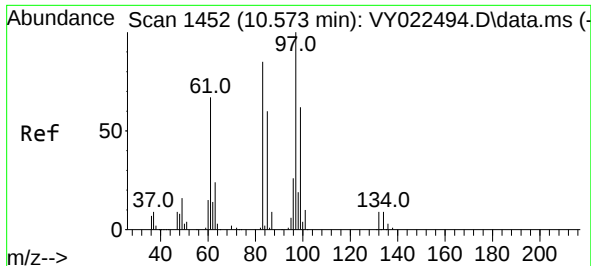
Tgt Ion: 75 Resp: 128660
Ion Ratio Lower Upper
75 100
77 32.5 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 51.500 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 75 Resp: 155594
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
39 49.2 42.7 64.1

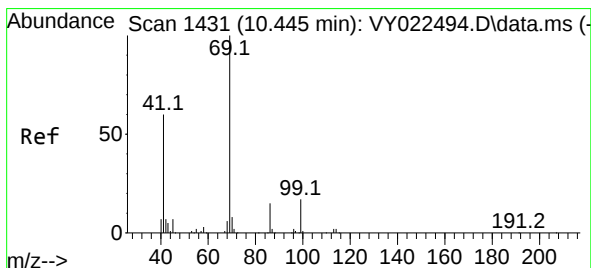
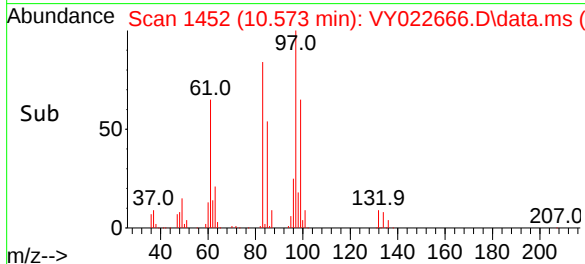
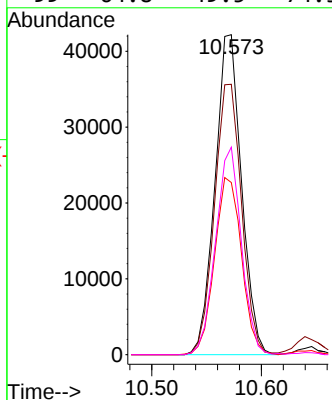
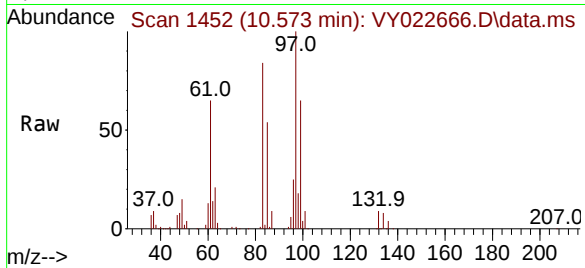




#55
1,1,2-Trichloroethane
Concen: 51.017 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

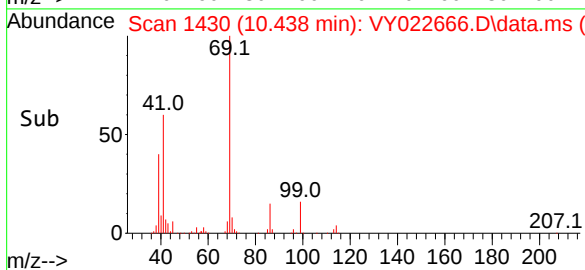
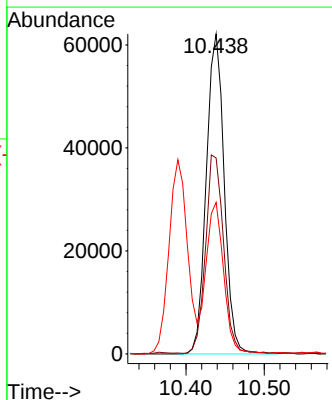
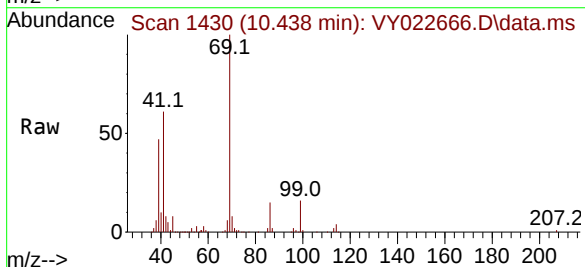
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

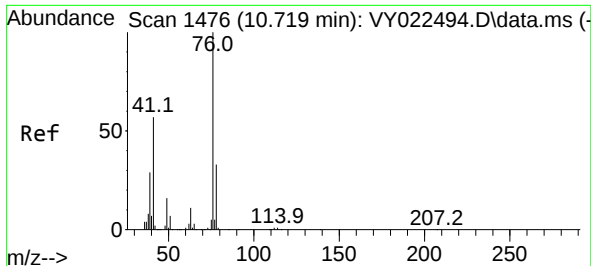
Tgt Ion:	97	Resp:	71066
Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.1	102.1
85	53.8	48.2	72.2
99	64.8	49.5	74.3



#56
Ethyl methacrylate
Concen: 48.943 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion:	69	Resp:	98538
Ion	Ratio	Lower	Upper
69	100		
41	62.5	52.2	78.2
39	46.4	36.7	55.1





#57

1,3-Dichloropropane

Concen: 49.840 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

Instrument :

MSVOA_Y

ClientSampleId :

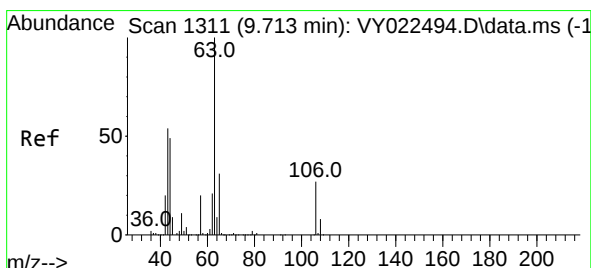
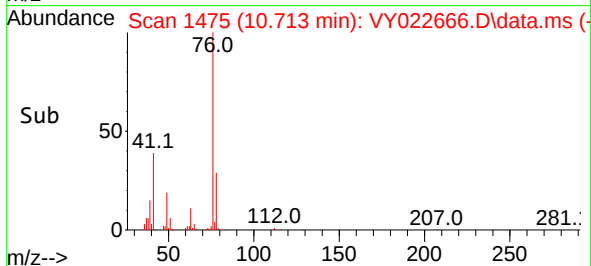
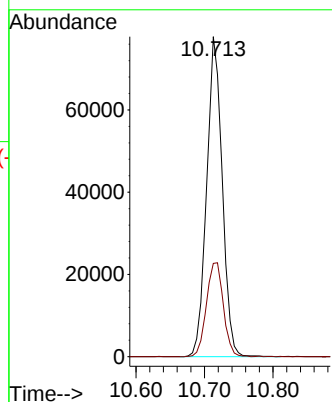
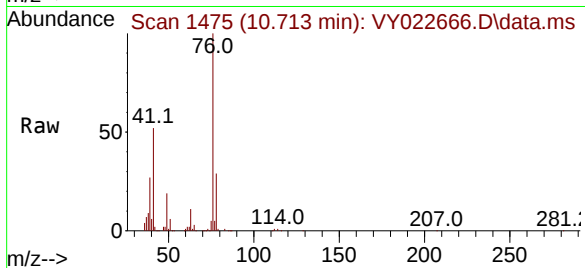
VSTDCCC050

Tgt Ion: 76 Resp: 123051

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 262.717 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022666.D

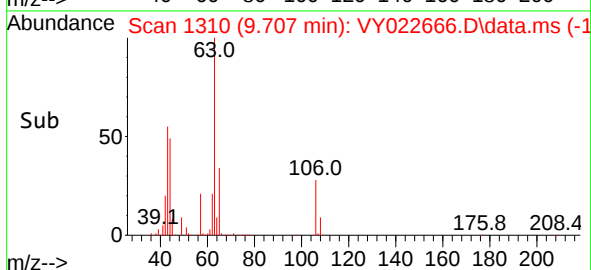
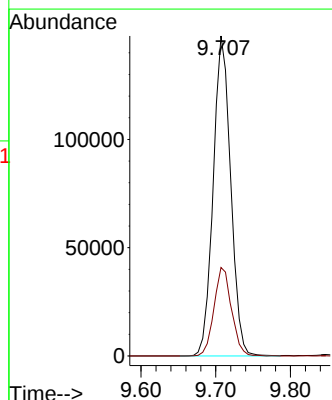
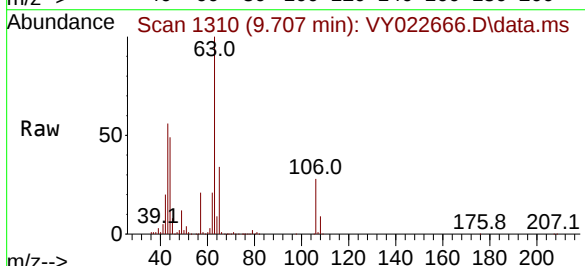
Acq: 12 Jun 2025 11:44

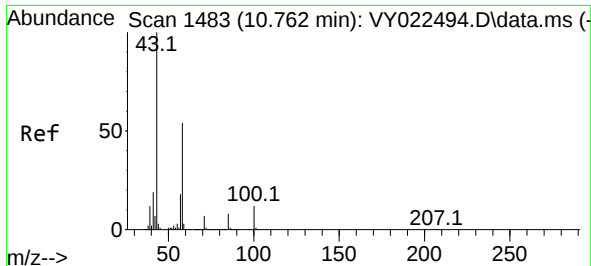
Tgt Ion: 63 Resp: 240148

Ion Ratio Lower Upper

63 100

106 27.7 21.6 32.4

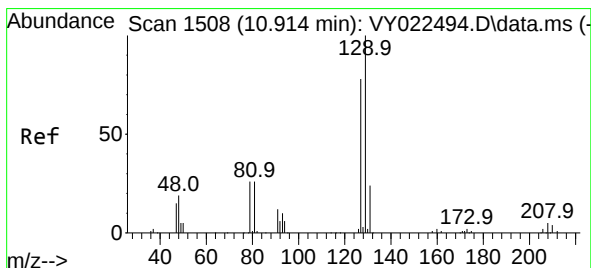
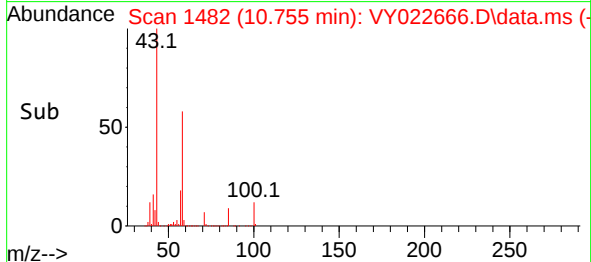
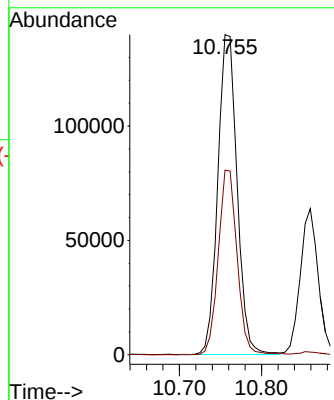
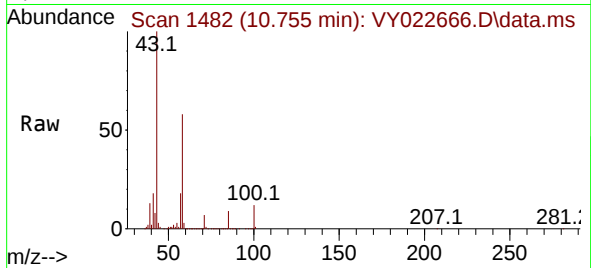




#59
2-Hexanone
Concen: 255.807 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

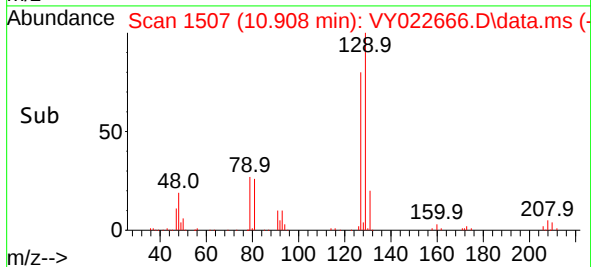
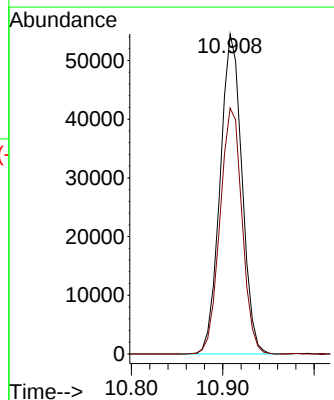
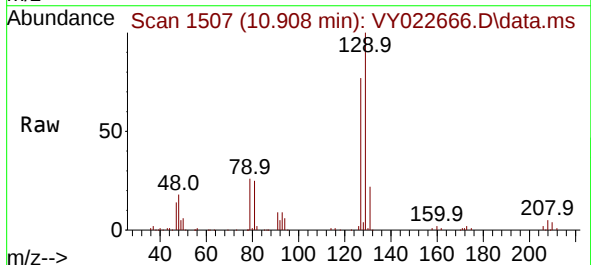
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

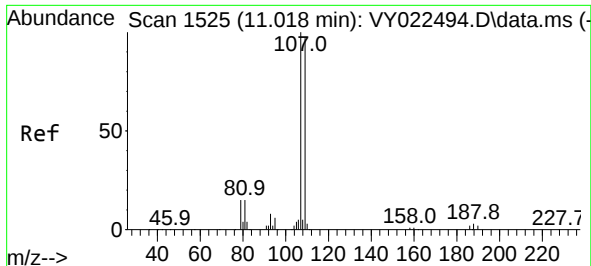
Tgt Ion: 43 Resp: 228530
Ion Ratio Lower Upper
43 100
58 56.3 27.3 81.8



#60
Dibromochloromethane
Concen: 51.174 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 129 Resp: 90591
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2

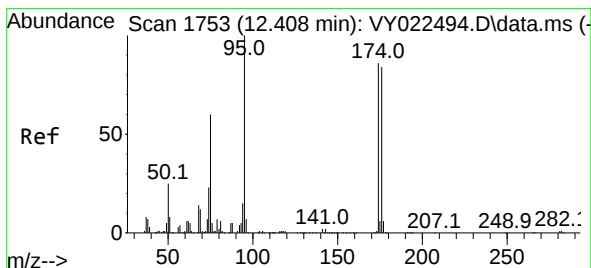
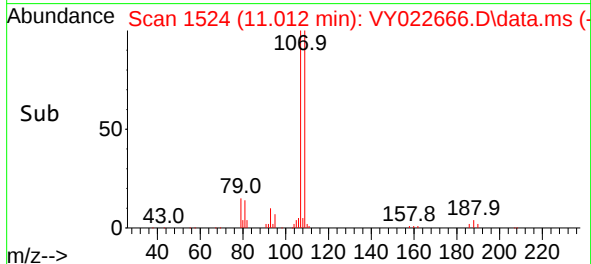
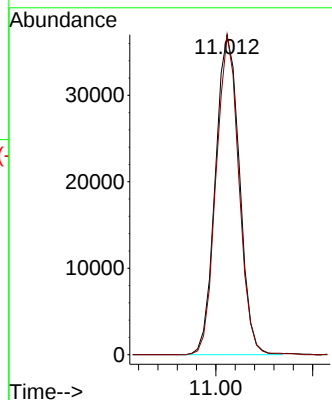
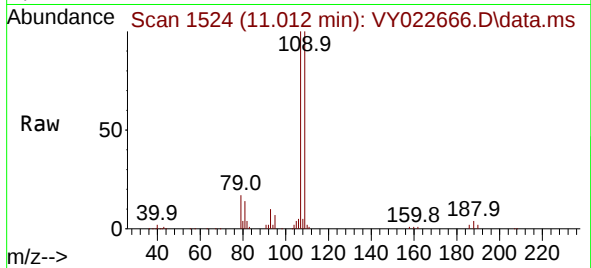




#61
1,2-Dibromoethane
Concen: 50.072 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

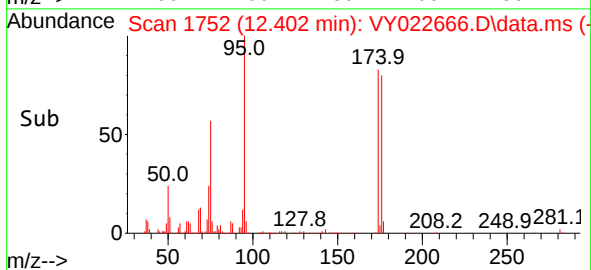
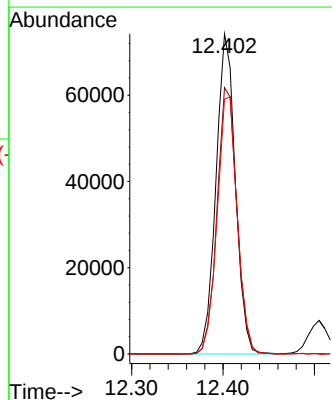
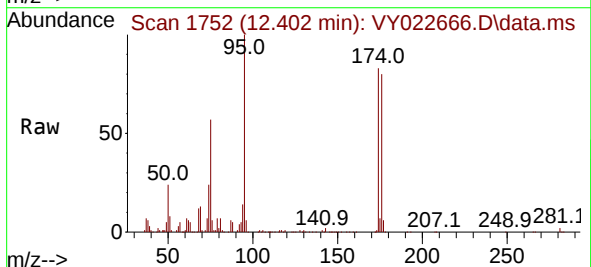
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

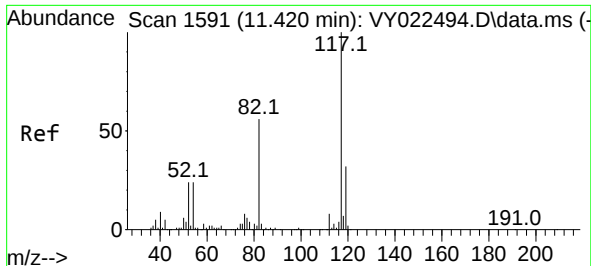
Tgt Ion:107 Resp: 63573
Ion Ratio Lower Upper
107 100
109 94.9 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 52.907 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 95 Resp: 109173
Ion Ratio Lower Upper
95 100
174 85.4 0.0 170.0
176 83.5 0.0 166.2

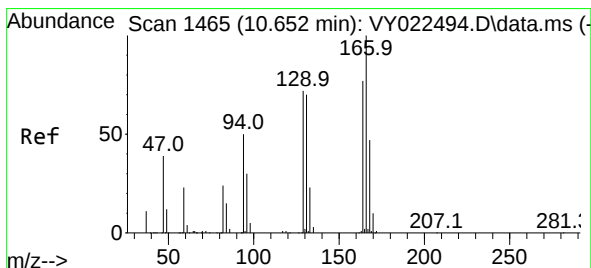
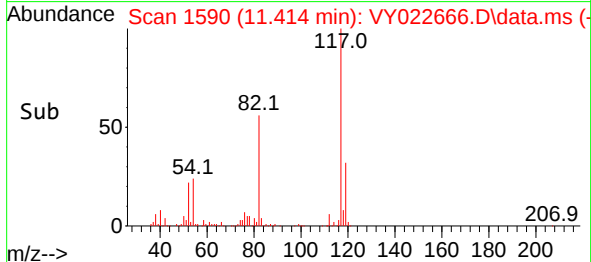
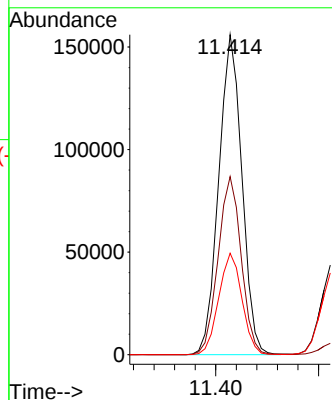
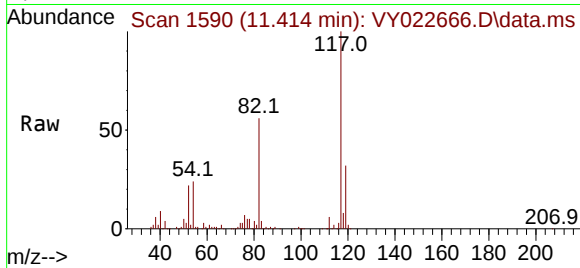




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

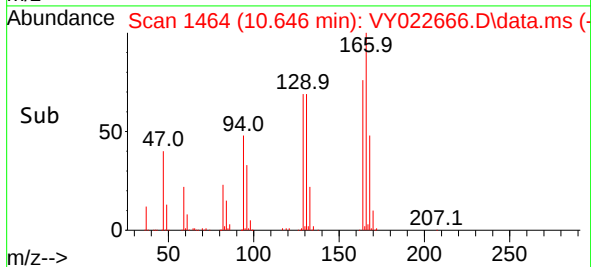
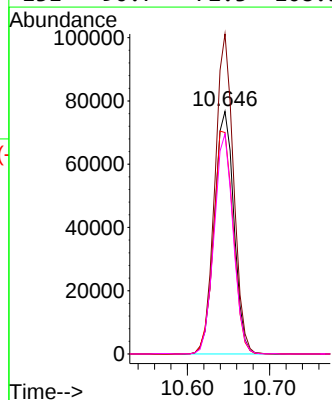
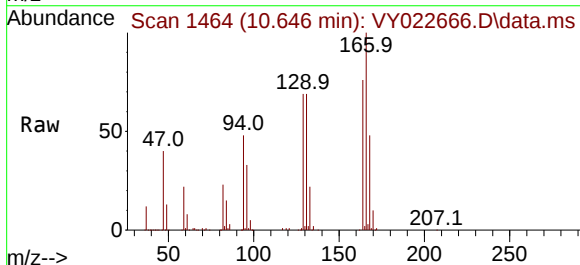
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 243793
Ion Ratio Lower Upper
117 100
82 55.7 44.6 66.8
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 60.393 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion:164 Resp: 126653
Ion Ratio Lower Upper
164 100
166 131.9 104.0 156.0
129 91.3 74.5 111.7
131 90.7 72.3 108.5

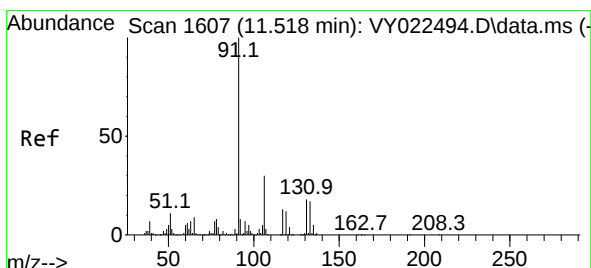
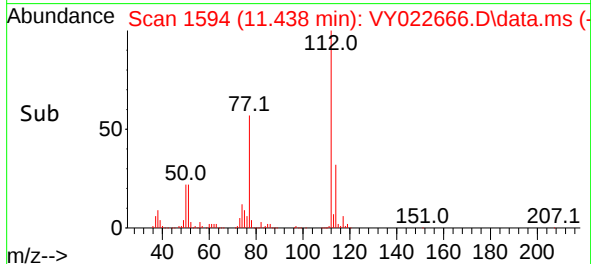
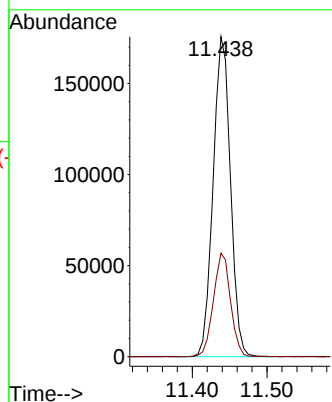
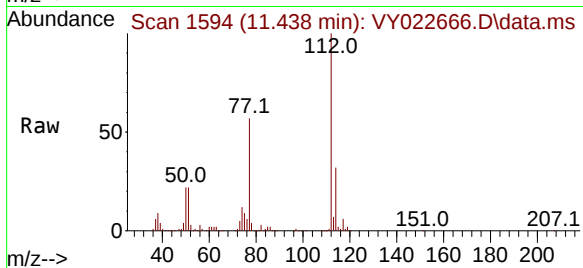




#65
Chlorobenzene
Concen: 52.395 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

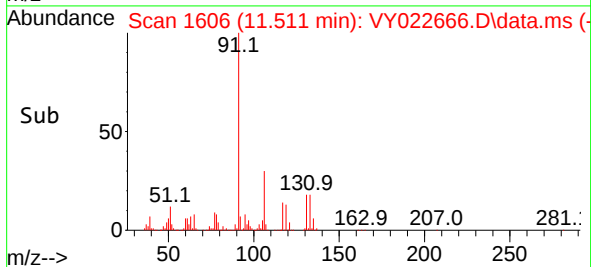
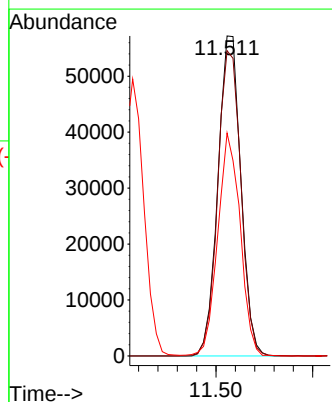
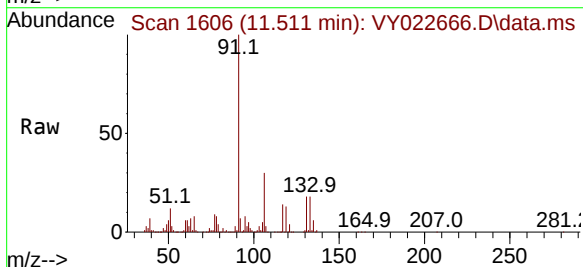
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

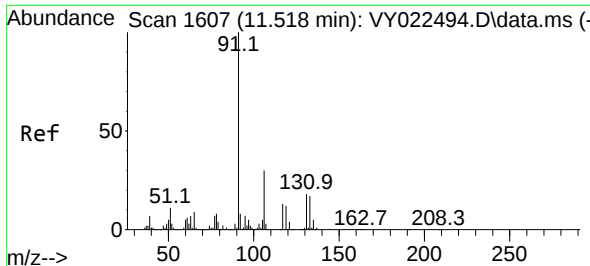
Tgt Ion:112 Resp: 282664
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.754 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion:131 Resp: 94057
Ion Ratio Lower Upper
131 100
133 96.3 47.3 141.8
119 68.0 33.1 99.3





#67

Ethyl Benzene

Concen: 52.077 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

Instrument :

MSVOA_Y

ClientSampleId :

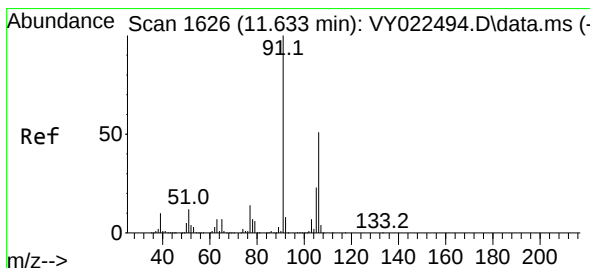
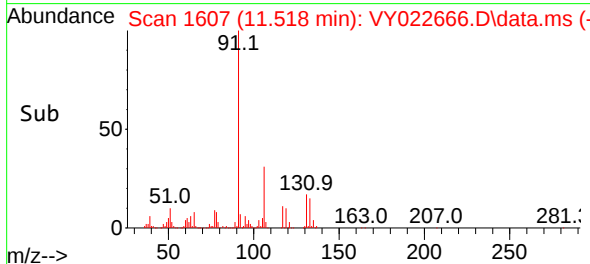
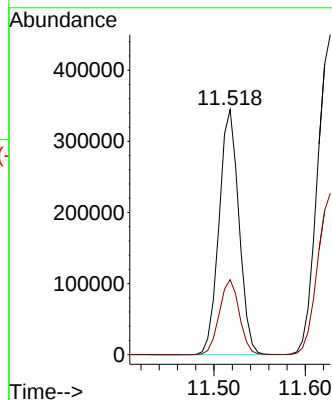
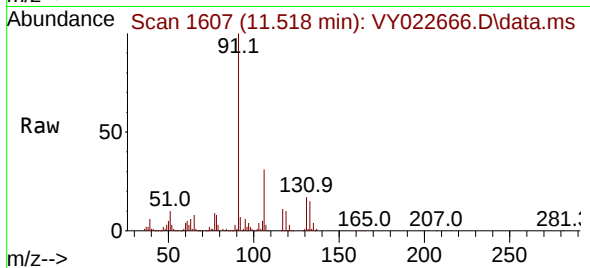
VSTDCCC050

Tgt Ion: 91 Resp: 521092

Ion Ratio Lower Upper

91 100

106 30.6 24.2 36.4



#68

m/p-Xylenes

Concen: 105.825 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022666.D

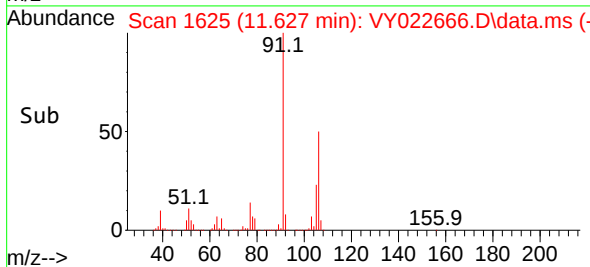
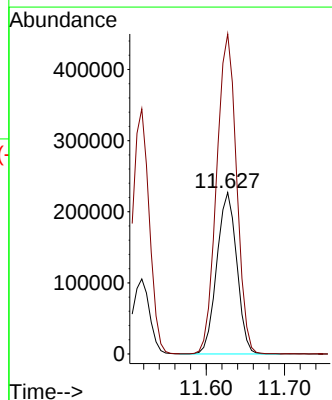
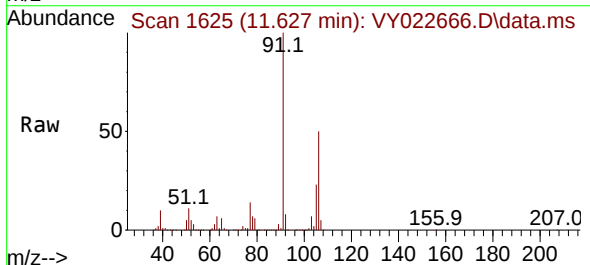
Acq: 12 Jun 2025 11:44

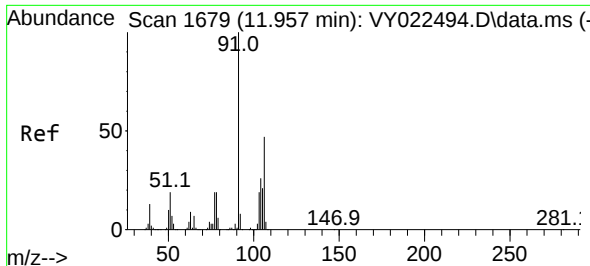
Tgt Ion:106 Resp: 401423

Ion Ratio Lower Upper

106 100

91 198.5 159.4 239.0

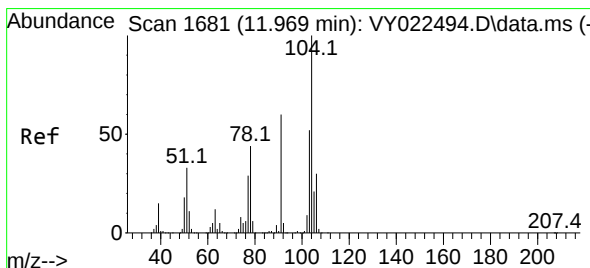
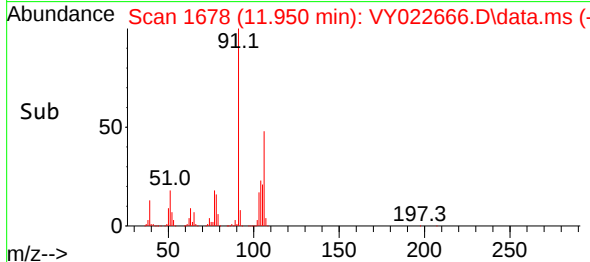
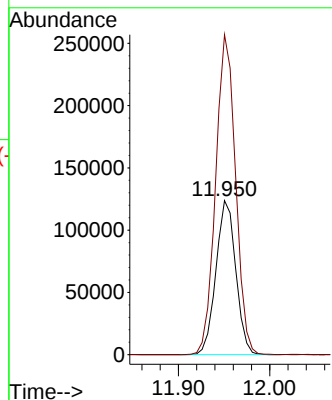
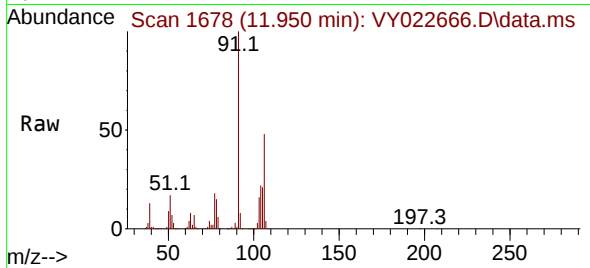




#69
o-Xylene
Concen: 52.414 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

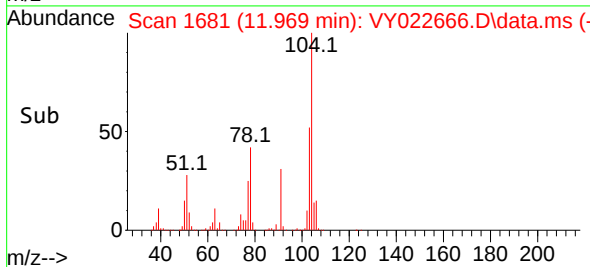
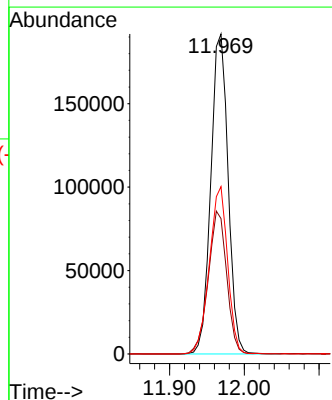
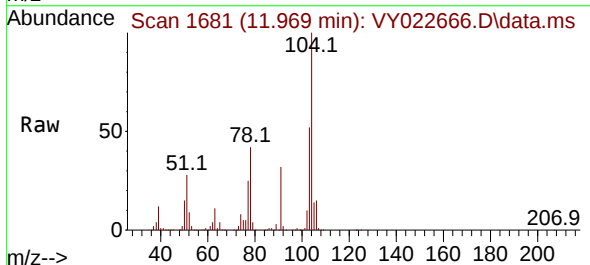
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

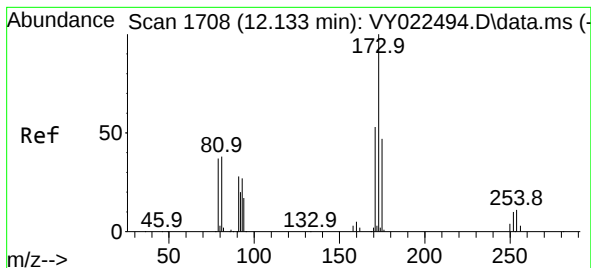
Tgt Ion:106 Resp: 186406
Ion Ratio Lower Upper
106 100
91 208.9 105.8 317.3



#70
Styrene
Concen: 52.572 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion:104 Resp: 309057
Ion Ratio Lower Upper
104 100
78 47.6 39.5 59.3
103 55.3 44.1 66.1





#71

Bromoform

Concen: 50.468 ug/l

RT: 12.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

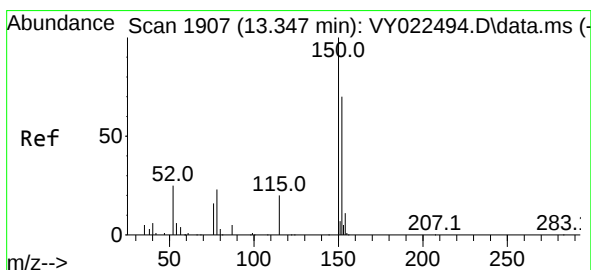
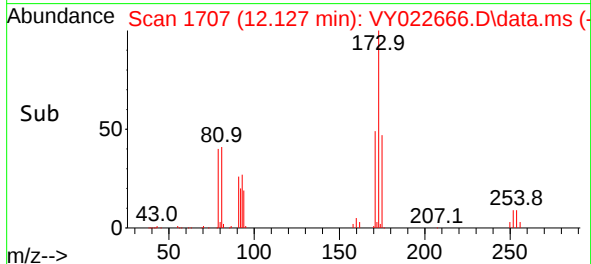
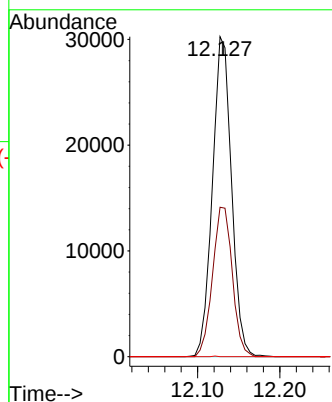
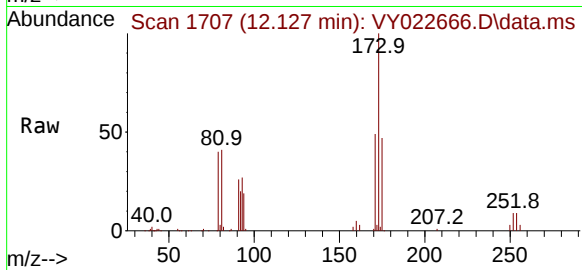
Tgt Ion:173 Resp: 48808

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: VY022666.D

Acq: 12 Jun 2025 11:44

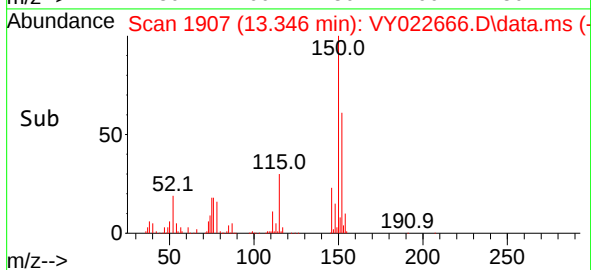
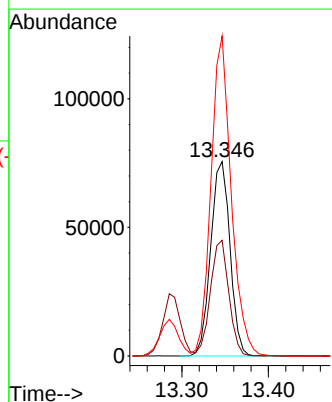
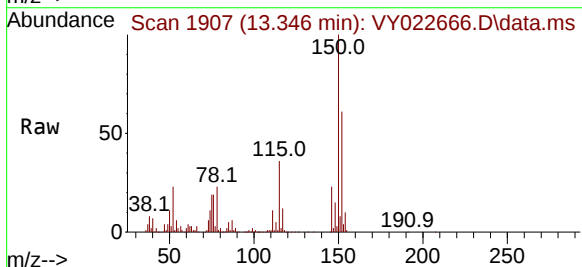
Tgt Ion:152 Resp: 117199

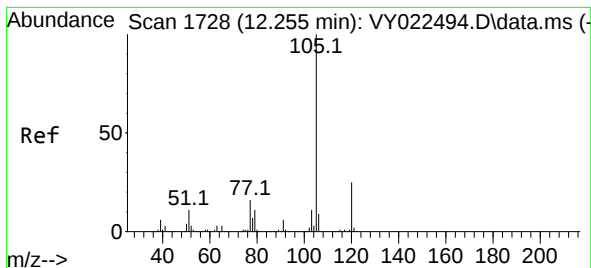
Ion Ratio Lower Upper

152 100

115 56.7 28.9 86.7

150 172.3 0.0 349.6





#73

Isopropylbenzene

Concen: 52.047 ug/l

RT: 12.249 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

Instrument :

MSVOA_Y

ClientSampleId :

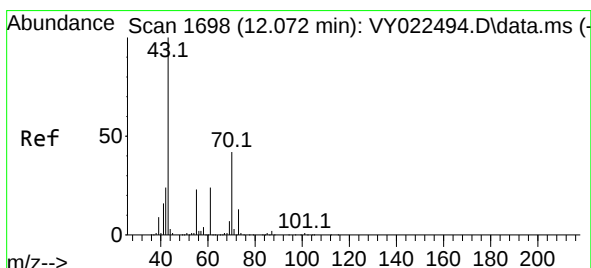
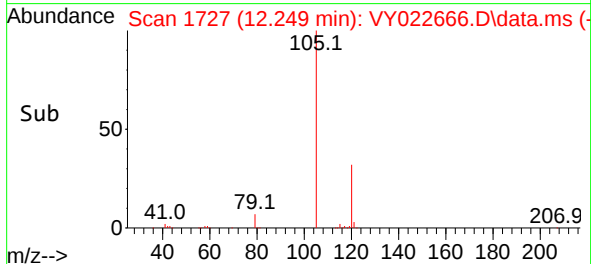
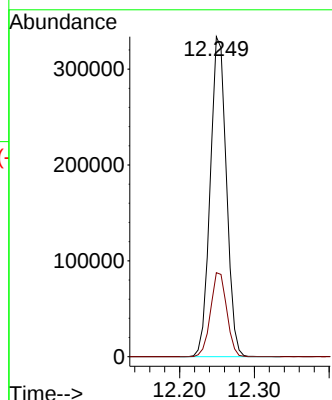
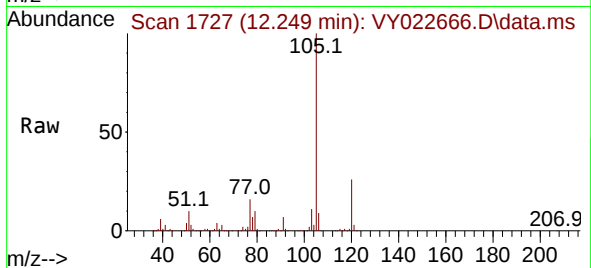
VSTDCCC050

Tgt Ion:105 Resp: 500799

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 46.730 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

Tgt Ion: 43 Resp: 113452

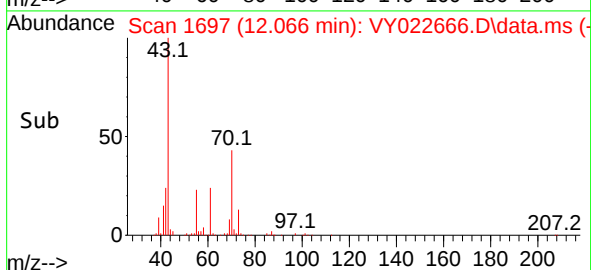
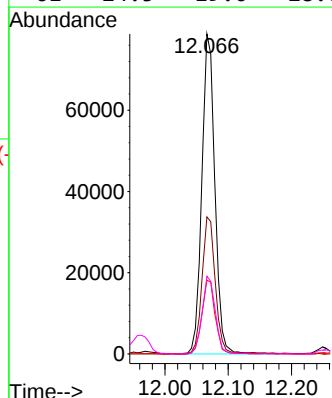
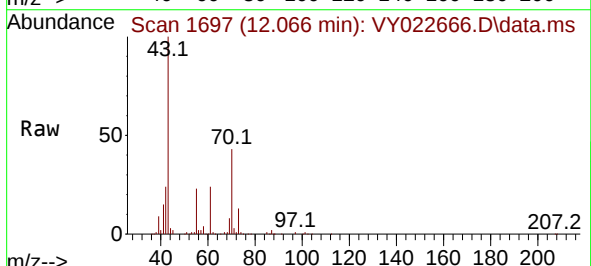
Ion Ratio Lower Upper

43 100

70 43.6 34.2 51.2

55 23.5 18.2 27.4

61 24.5 19.0 28.6

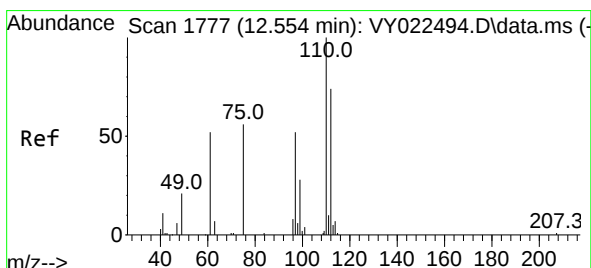
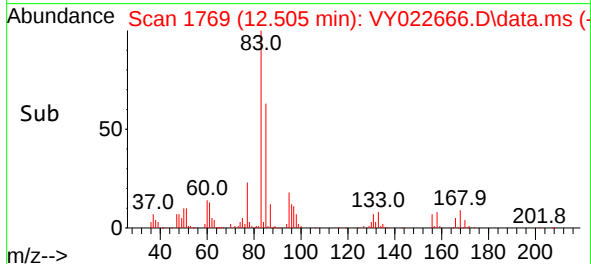
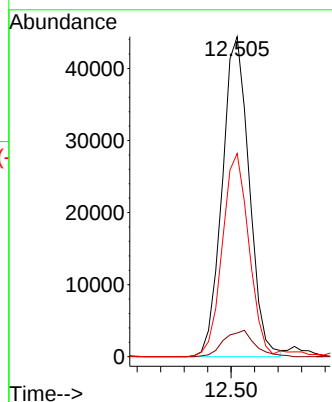
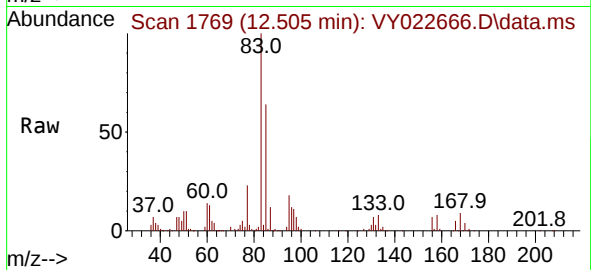




#75
 1,1,2-Tetrachloroethane
 Concen: 44.763 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022666.D
 Acq: 12 Jun 2025 11:44

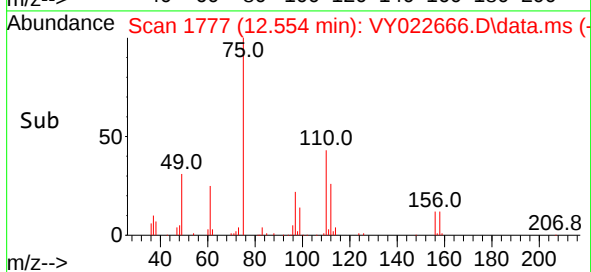
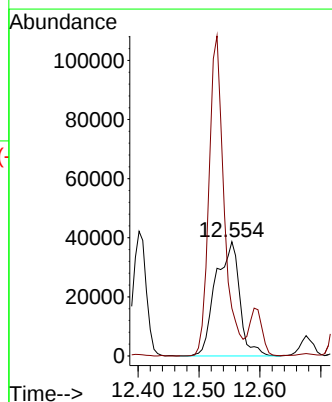
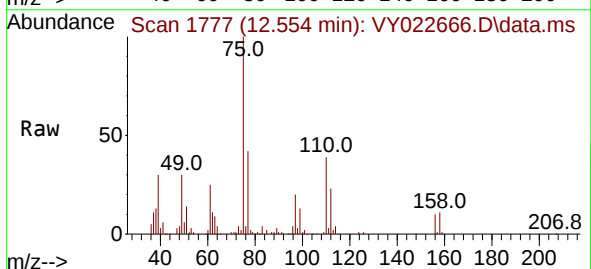
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

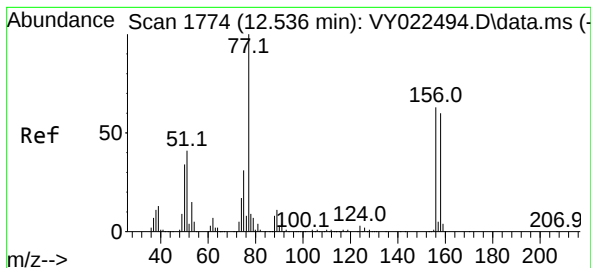
Tgt Ion: 83 Resp: 70691
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.9 14.7
 85 63.2 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 78.916 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022666.D
 Acq: 12 Jun 2025 11:44

Tgt Ion: 75 Resp: 105810
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.921 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

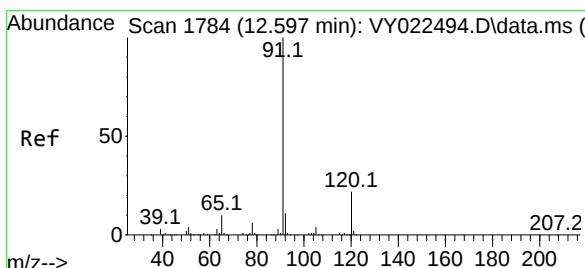
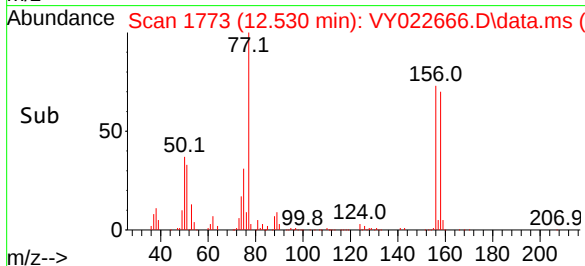
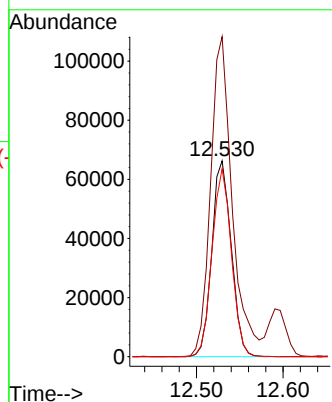
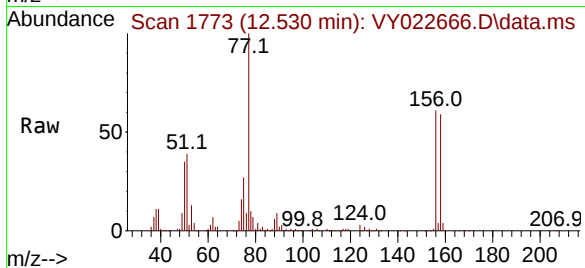
Tgt Ion:156 Resp: 103395

Ion Ratio Lower Upper

156 100

77 181.0 94.0 282.1

158 95.5 48.2 144.6



#78

n-propylbenzene

Concen: 51.018 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022666.D

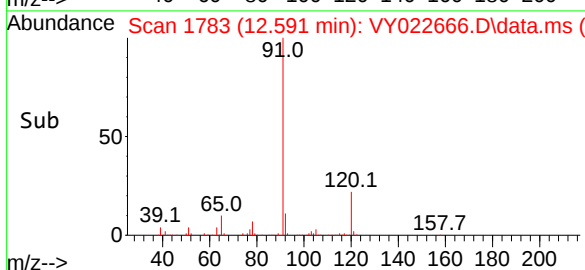
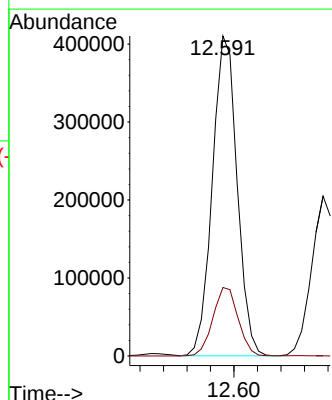
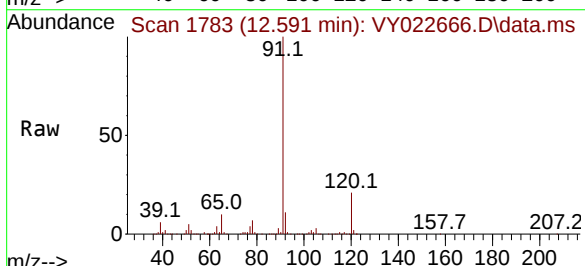
Acq: 12 Jun 2025 11:44

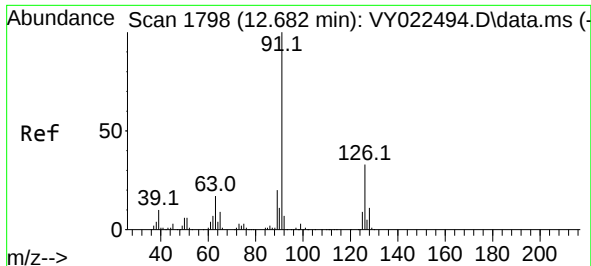
Tgt Ion: 91 Resp: 599577

Ion Ratio Lower Upper

91 100

120 21.9 10.8 32.4

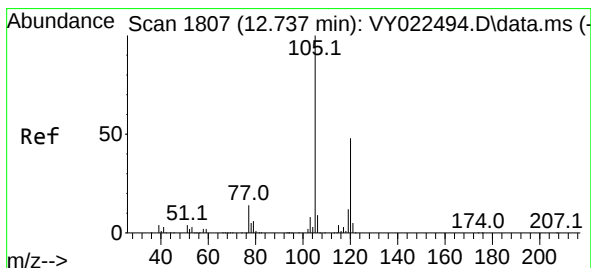
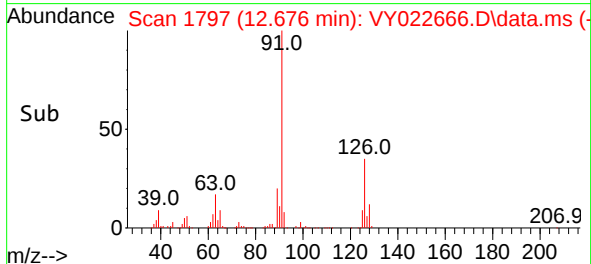
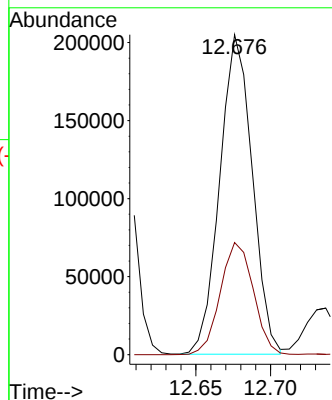
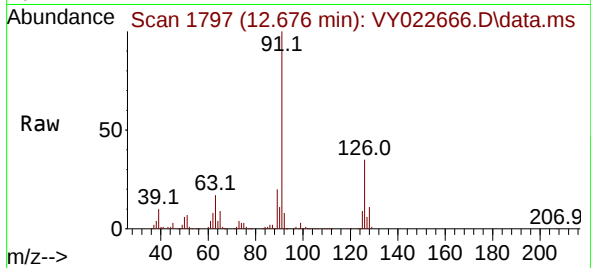




#79
2-Chlorotoluene
Concen: 49.733 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

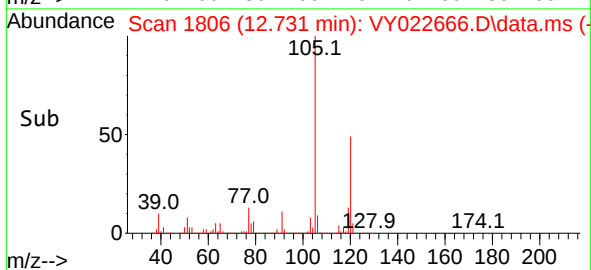
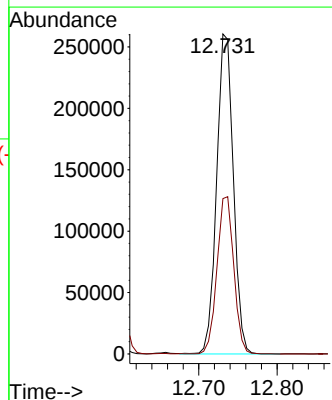
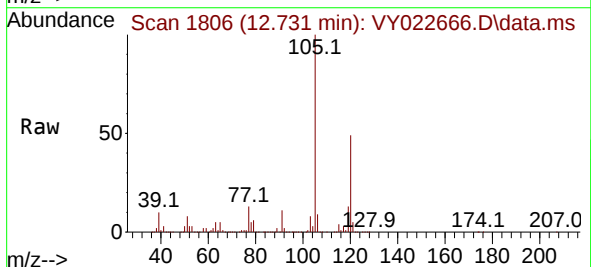
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

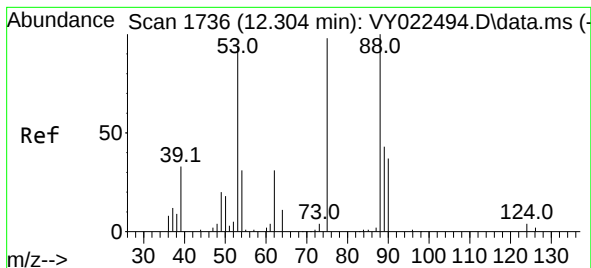
Tgt Ion: 91 Resp: 309774
Ion Ratio Lower Upper
91 100
126 35.7 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 51.179 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 105 Resp: 386613
Ion Ratio Lower Upper
105 100
120 49.5 24.1 72.4

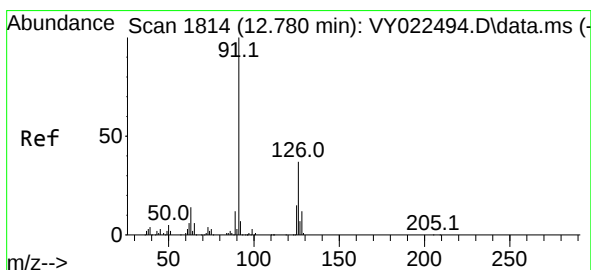
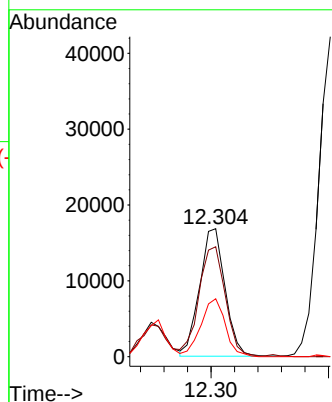
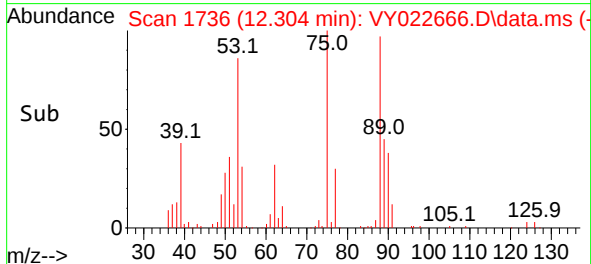
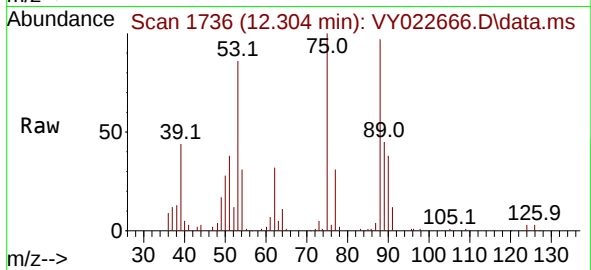




#81
trans-1,4-Dichloro-2-butene
Concen: 45.426 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

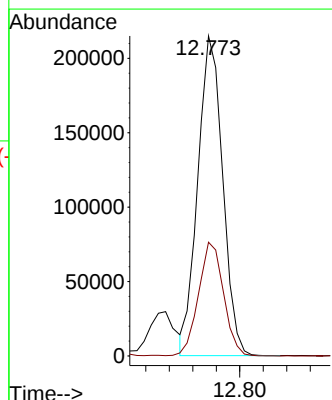
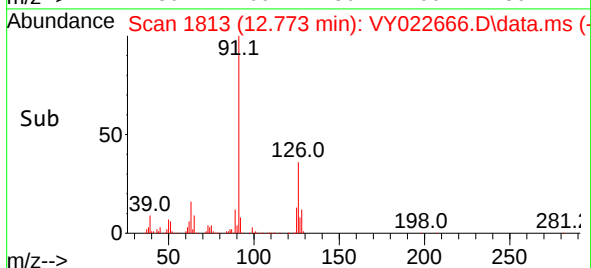
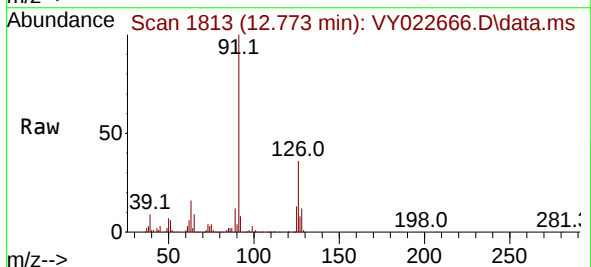
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

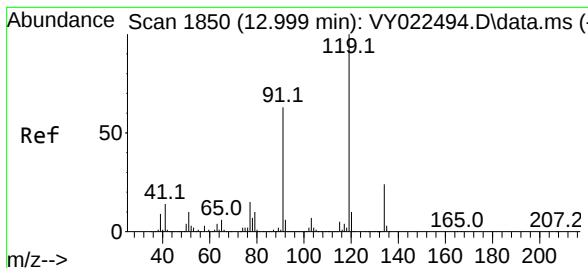
Tgt Ion: 75 Resp: 25221
Ion Ratio Lower Upper
75 100
53 88.7 78.5 117.7
89 44.0 35.7 53.5



#82
4-Chlorotoluene
Concen: 49.120 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022666.D
Acq: 12 Jun 2025 11:44

Tgt Ion: 91 Resp: 315622
Ion Ratio Lower Upper
91 100
126 36.0 17.0 50.9





#83

tert-Butylbenzene

Concen: 52.941 ug/l

RT: 12.993 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

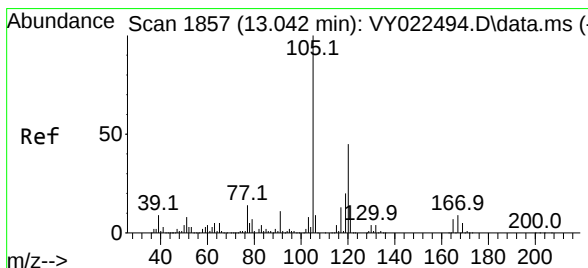
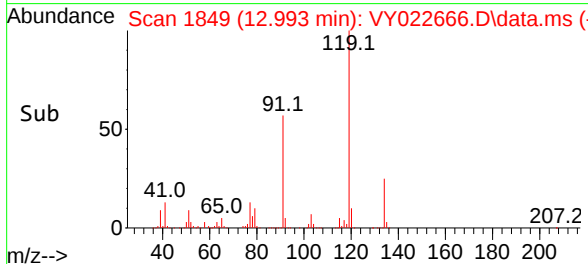
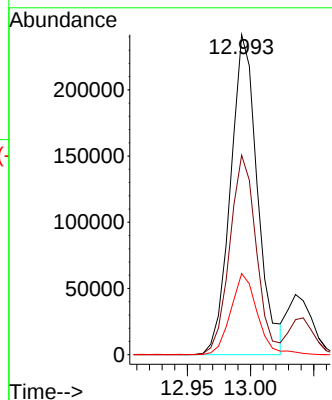
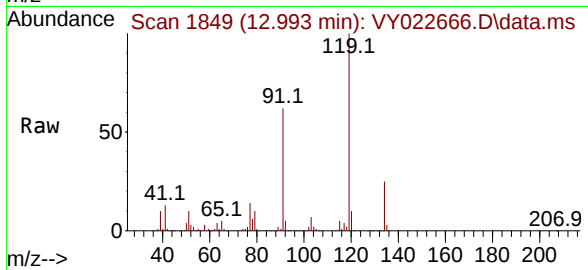
Tgt Ion:119 Resp: 358940

Ion Ratio Lower Upper

119 100

91 61.4 32.1 96.3

134 25.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.039 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022666.D

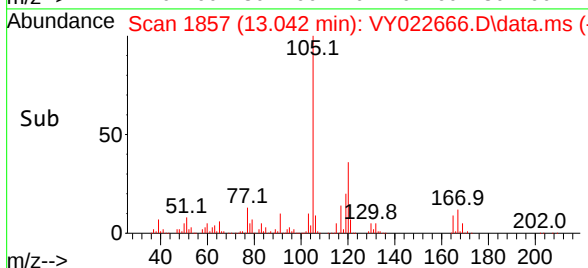
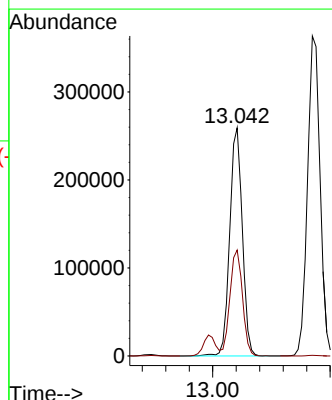
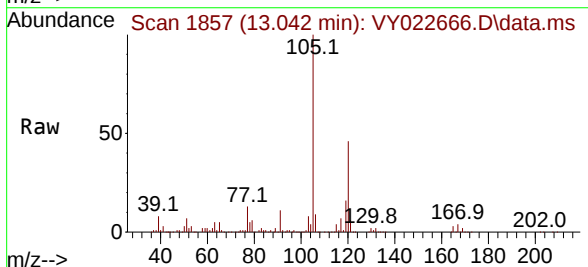
Acq: 12 Jun 2025 11:44

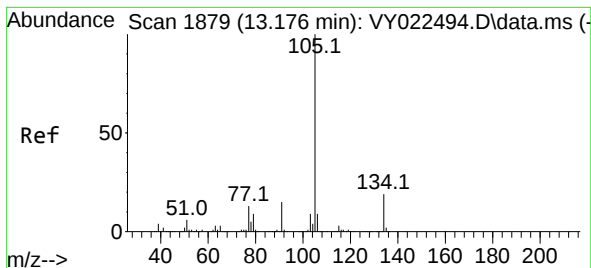
Tgt Ion:105 Resp: 385619

Ion Ratio Lower Upper

105 100

120 46.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 51.845 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

Instrument :

MSVOA_Y

ClientSampleId :

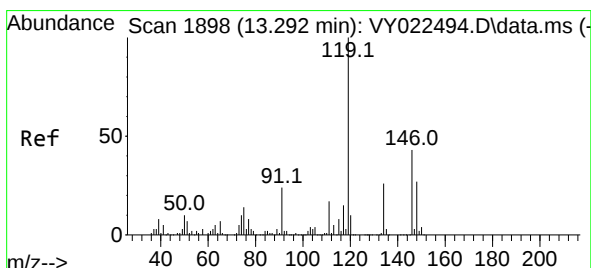
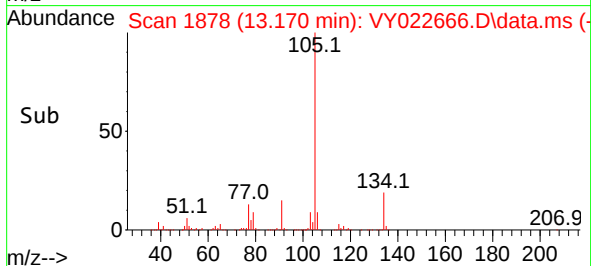
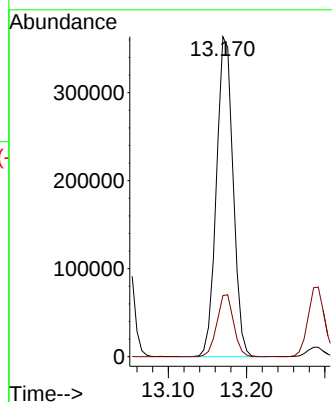
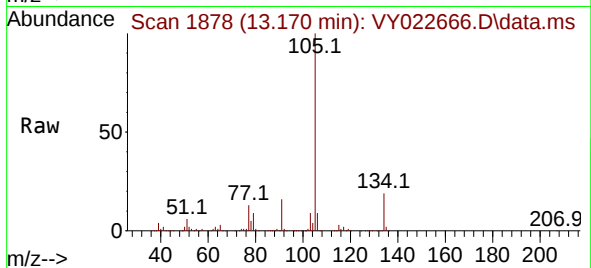
VSTDCCC050

Tgt Ion:105 Resp: 538352

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 52.349 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

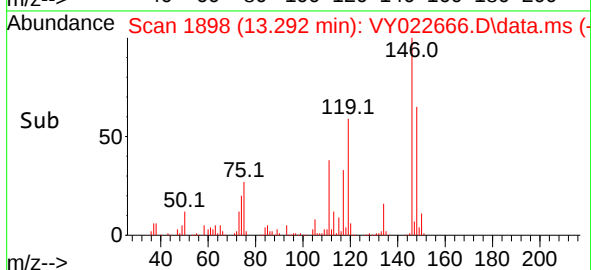
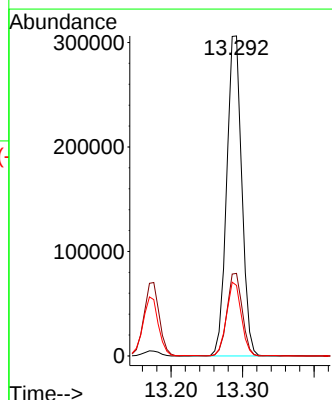
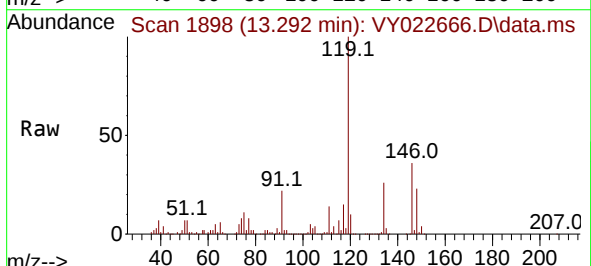
Tgt Ion:119 Resp: 448064

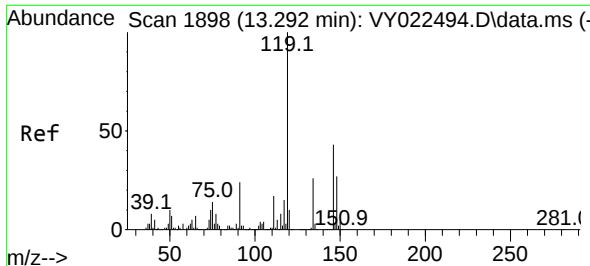
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 22.6 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 51.713 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

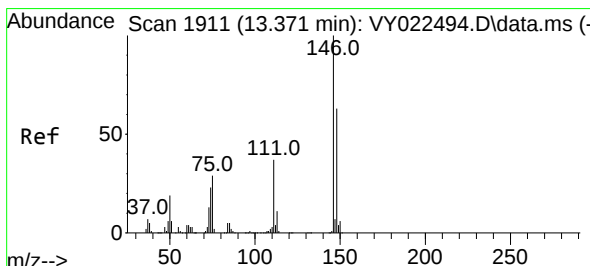
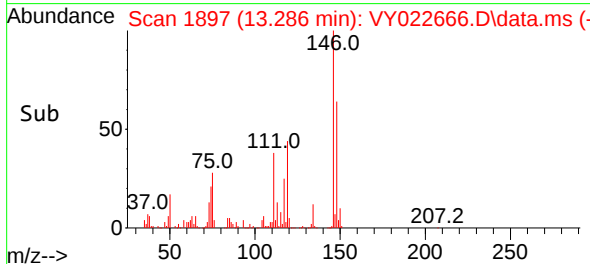
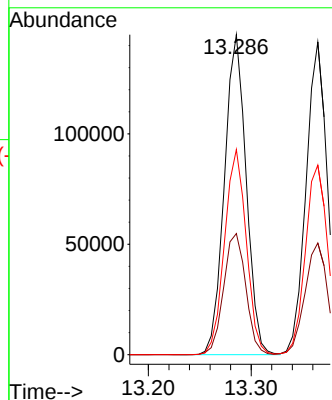
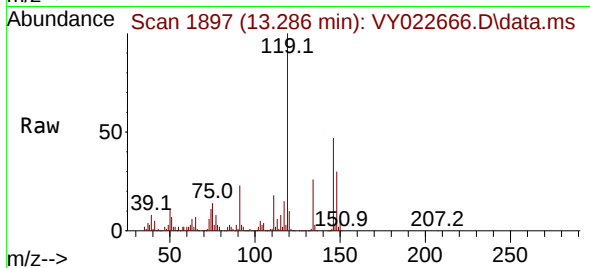
Tgt Ion:146 Resp: 212743

Ion Ratio Lower Upper

146 100

111 38.7 20.1 60.2

148 64.0 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 51.407 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

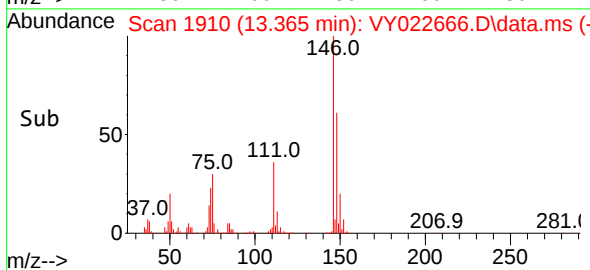
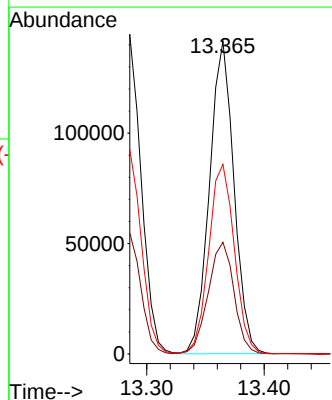
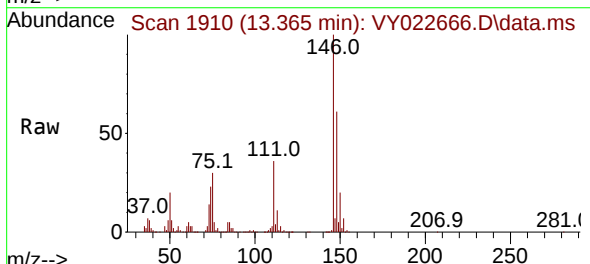
Tgt Ion:146 Resp: 205120

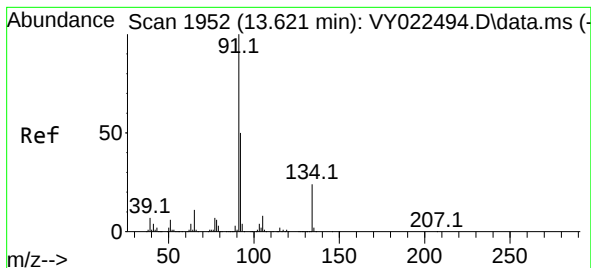
Ion Ratio Lower Upper

146 100

111 37.6 19.4 58.2

148 63.7 31.6 94.8





#89

n-Butylbenzene

Concen: 52.667 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

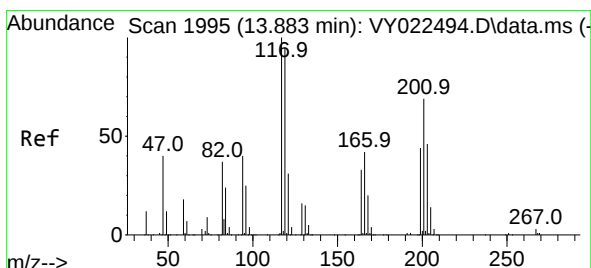
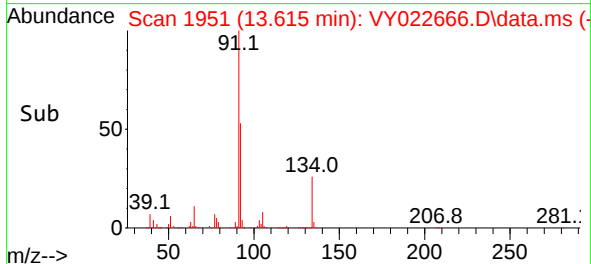
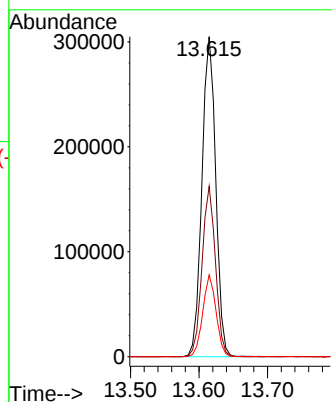
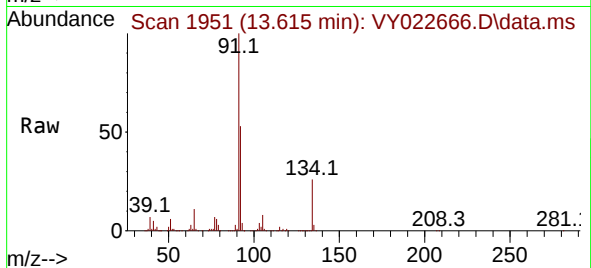
Tgt Ion: 91 Resp: 427683

Ion Ratio Lower Upper

91 100

92 51.8 25.9 77.8

134 24.7 12.0 36.1



#90

Hexachloroethane

Concen: 51.138 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022666.D

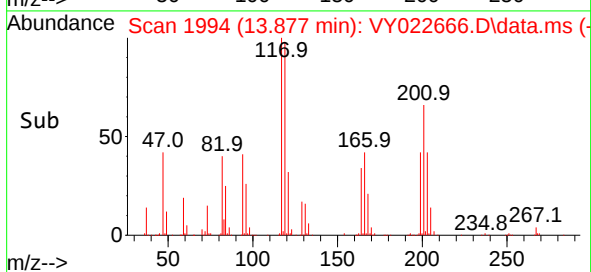
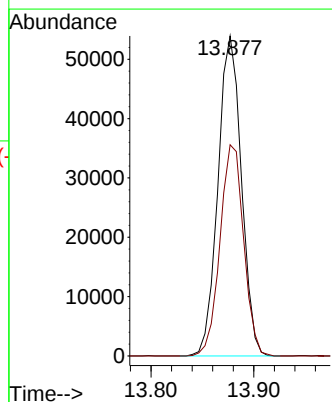
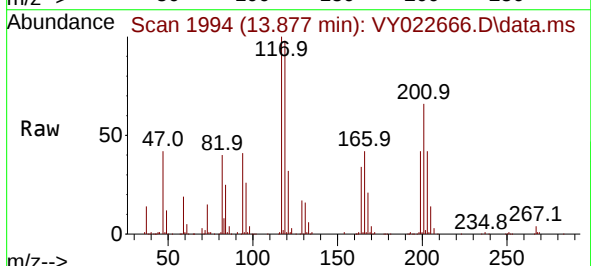
Acq: 12 Jun 2025 11:44

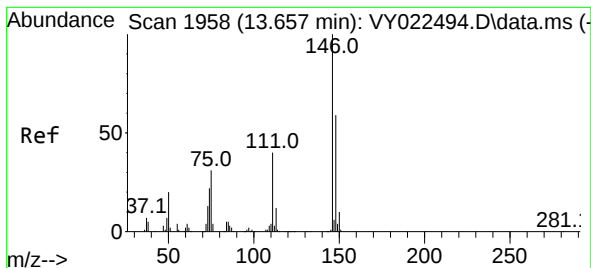
Tgt Ion: 117 Resp: 85212

Ion Ratio Lower Upper

117 100

201 66.7 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 50.947 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

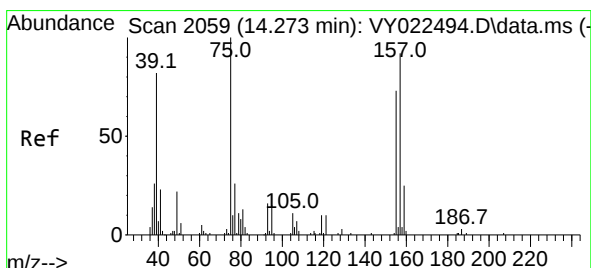
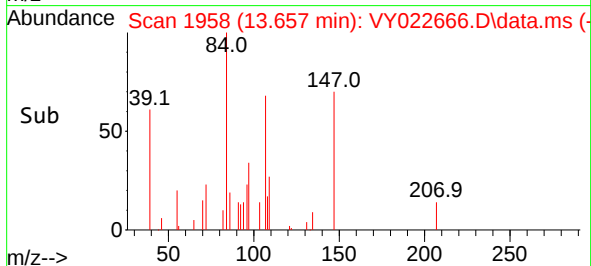
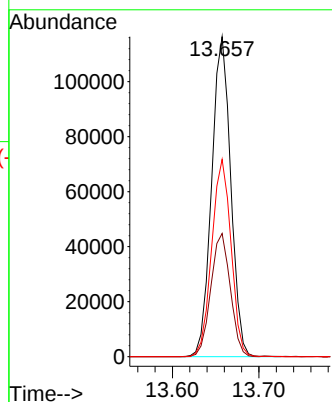
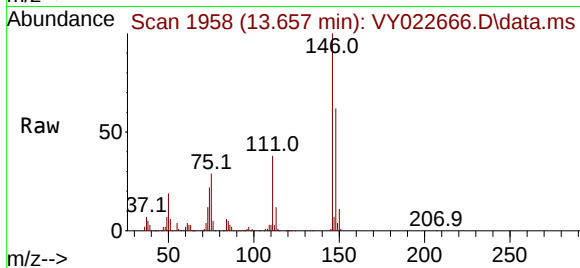
Tgt Ion:146 Resp: 177953

Ion Ratio Lower Upper

146 100

111 39.3 20.2 60.6

148 62.5 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.038 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

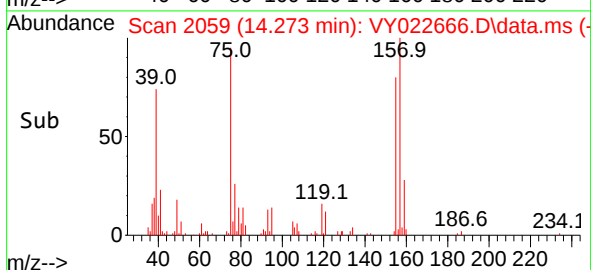
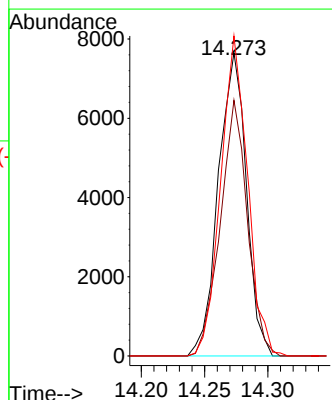
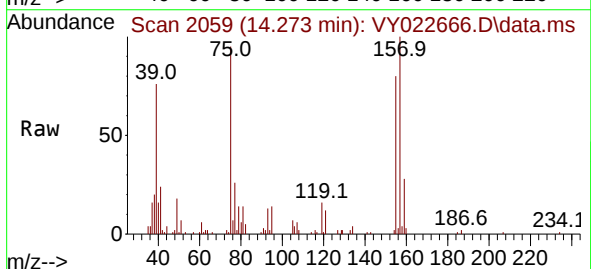
Tgt Ion: 75 Resp: 11735

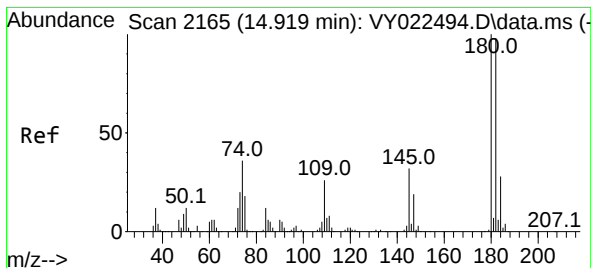
Ion Ratio Lower Upper

75 100

155 81.9 39.9 119.6

157 101.7 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 52.095 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

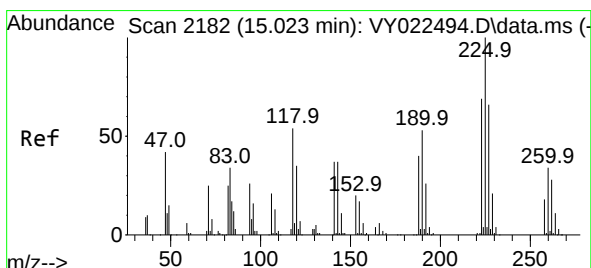
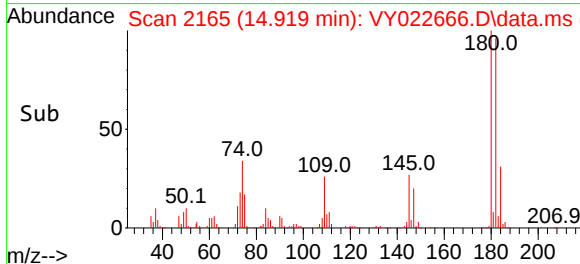
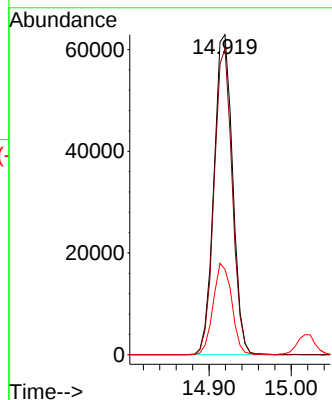
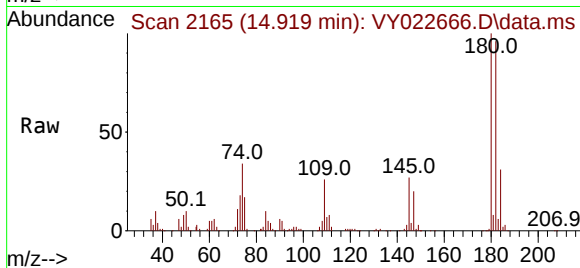
Tgt Ion:180 Resp: 99241

Ion Ratio Lower Upper

180 100

182 92.7 48.4 145.3

145 28.4 15.5 46.5



#94

Hexachlorobutadiene

Concen: 50.378 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

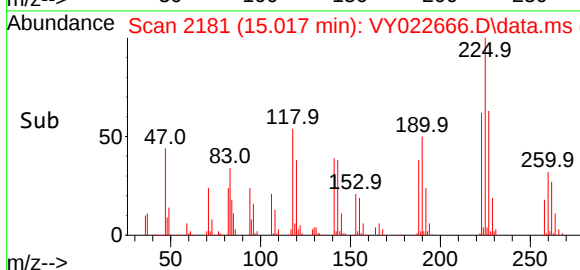
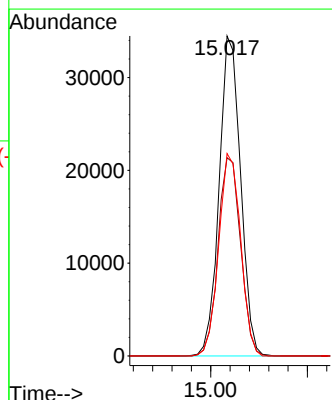
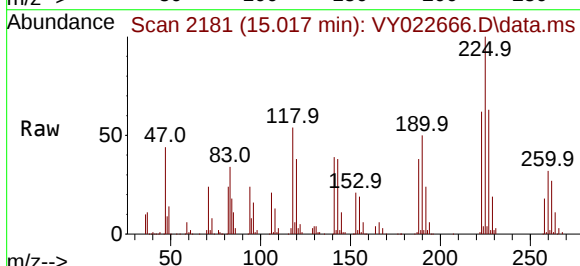
Tgt Ion:225 Resp: 52969

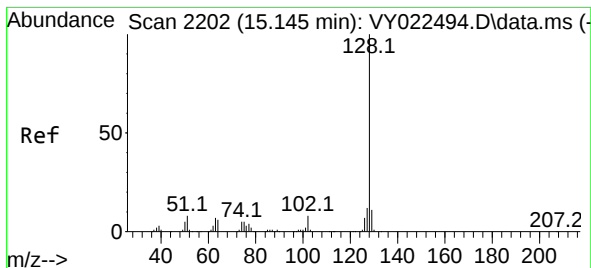
Ion Ratio Lower Upper

225 100

223 64.9 32.5 97.4

227 64.5 32.3 96.9





#95

Naphthalene

Concen: 49.792 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

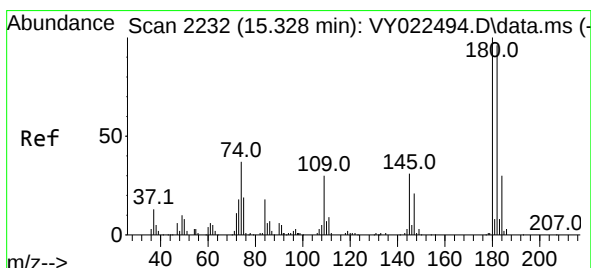
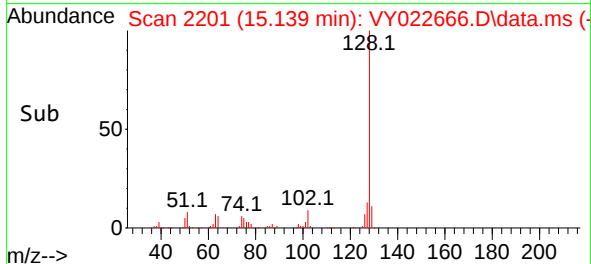
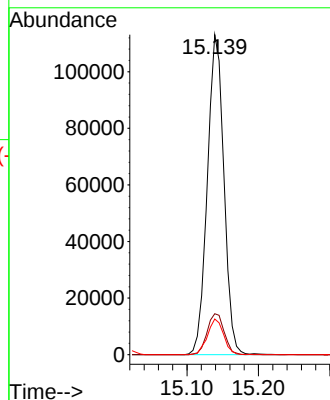
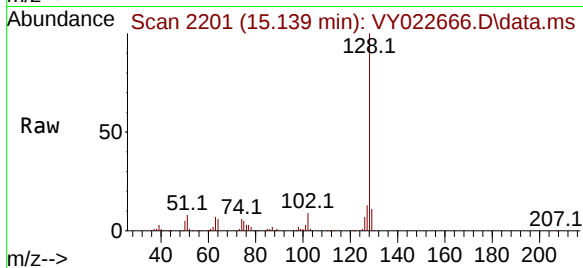
Tgt Ion:128 Resp: 182025

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 49.544 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022666.D

Acq: 12 Jun 2025 11:44

Tgt Ion:180 Resp: 80886

Ion Ratio Lower Upper

180 100

182 96.0 47.1 141.3

145 31.5 15.2 45.6

