

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062025\
 Data File : VY022759.D
 Acq On : 20 Jun 2025 11:43
 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 21 02:37:03 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	7.713	168	123736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	214449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	185838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	86968	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	75902	54.846	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.700%	
35) Dibromofluoromethane	7.640	113	68780	53.734	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.460%	
50) Toluene-d8	10.109	98	271137	52.424	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.840%	
62) 4-Bromofluorobenzene	12.408	95	78446	50.906	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	47514	42.890	ug/l	96
3) Chloromethane	2.068	50	163928	50.089	ug/l	97
4) Vinyl Chloride	2.208	62	195940	51.609	ug/l	99
5) Bromomethane	2.598	94	218729	60.108	ug/l	96
6) Chloroethane	2.739	64	159524	61.216	ug/l	96
7) Trichlorofluoromethane	3.050	101	168745	52.355	ug/l	95
8) Diethyl Ether	3.464	74	38089	52.475	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.824	101	70805	52.160	ug/l	96
10) Methyl Iodide	4.007	142	80049	54.491	ug/l	99
11) Tert butyl alcohol	4.897	59	21957	222.138	ug/l #	73
12) 1,1-Dichloroethene	3.787	96	65784	50.698	ug/l	98
13) Acrolein	3.659	56	7598	61.680	ug/l	92
14) Allyl chloride	4.385	41	101891	50.020	ug/l	97
15) Acrylonitrile	5.067	53	87021	283.080	ug/l	99
16) Acetone	3.885	43	67097	238.734	ug/l	98
17) Carbon Disulfide	4.110	76	199103	47.928	ug/l	98
18) Methyl Acetate	4.391	43	52654	63.265	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	195804	53.575	ug/l	97
20) Methylene Chloride	4.616	84	79009	49.489	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	77406	53.301	ug/l	99
22) Diisopropyl ether	6.025	45	247731	54.636	ug/l	97
23) Vinyl Acetate	5.964	43	693549	258.432	ug/l	99
24) 1,1-Dichloroethane	5.921	63	150229	56.241	ug/l	99
25) 2-Butanone	6.902	43	105485	260.197	ug/l	92
26) 2,2-Dichloropropane	6.896	77	128214	54.325	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	95573	56.937	ug/l	99
28) Bromochloromethane	7.250	49	65139	55.943	ug/l	98
29) Tetrahydrofuran	7.268	42	69681	266.494	ug/l	99
30) Chloroform	7.421	83	154763	58.495	ug/l	92
31) Cyclohexane	7.707	56	122079	45.907	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	128958	54.907	ug/l	98
36) 1,1-Dichloropropene	7.835	75	107781	51.881	ug/l	99
37) Ethyl Acetate	6.994	43	50590	54.607	ug/l	100
38) Carbon Tetrachloride	7.823	117	112010	52.558	ug/l	99
39) Methylcyclohexane	9.109	83	131761	47.196	ug/l	98
40) Benzene	8.085	78	335825	54.731	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	28209	52.129	ug/l	96
42) 1,2-Dichloroethane	8.158	62	94562	56.442	ug/l	99
43) Isopropyl Acetate	8.201	43	104531	52.243	ug/l	99
44) Trichloroethene	8.866	130	78984	52.668	ug/l	98
45) 1,2-Dichloropropane	9.146	63	81507	56.207	ug/l	99
46) Dibromomethane	9.237	93	46093	56.499	ug/l	98
47) Bromodichloromethane	9.426	83	117025	56.571	ug/l	93
48) Methyl methacrylate	9.225	41	47968	51.081	ug/l	95
49) 1,4-Dioxane	9.244	88	8908	921.671	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	276238	276.913	ug/l	98
52) Toluene	10.170	92	210816	54.672	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	103559	53.430	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	123390	54.689	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	58563	56.296	ug/l	97
56) Ethyl methacrylate	10.438	69	79161	52.650	ug/l	99
57) 1,3-Dichloropropane	10.719	76	103425	56.094	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	176024	257.858	ug/l	99
59) 2-Hexanone	10.762	43	176910	265.168	ug/l	99
60) Dibromochloromethane	10.914	129	74490	56.346	ug/l	99
61) 1,2-Dibromoethane	11.018	107	53343	56.260	ug/l	95
64) Tetrachloroethene	10.646	164	93823	58.691	ug/l	95
65) Chlorobenzene	11.444	112	222536	54.114	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	76667	55.341	ug/l	100
67) Ethyl Benzene	11.518	91	403261	52.869	ug/l	98
68) m/p-Xylenes	11.627	106	305785	105.752	ug/l	99
69) o-Xylene	11.956	106	145896	53.816	ug/l	98
70) Styrene	11.969	104	242896	54.203	ug/l	98
71) Bromoform	12.133	173	39279	53.281	ug/l #	96
73) Isopropylbenzene	12.255	105	372381	52.154	ug/l	100
74) N-amyl acetate	12.072	43	90257	50.099	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	63220	53.948	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	89446	89.900	ug/l #	100
77) Bromobenzene	12.530	156	80957	53.730	ug/l	98
78) n-propylbenzene	12.597	91	458691	52.597	ug/l	99
79) 2-Chlorotoluene	12.682	91	244480	52.894	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	295925	52.791	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	20314	49.306	ug/l	98
82) 4-Chlorotoluene	12.779	91	253223	53.107	ug/l	99
83) tert-Butylbenzene	12.999	119	262188	52.113	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	298028	53.157	ug/l	100
85) sec-Butylbenzene	13.176	105	399404	51.835	ug/l	100
86) p-Isopropyltoluene	13.292	119	335668	52.850	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	166852	54.656	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	157250	53.109	ug/l	99
89) n-Butylbenzene	13.615	91	315006	52.275	ug/l	99
90) Hexachloroethane	13.877	117	67558	54.637	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	142462	54.964	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9466	55.481	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	75453	53.376	ug/l	98
94) Hexachlorobutadiene	15.023	225	41381	53.038	ug/l	99
95) Naphthalene	15.145	128	146248	53.912	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	65146	53.774	ug/l	99

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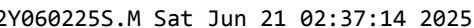
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

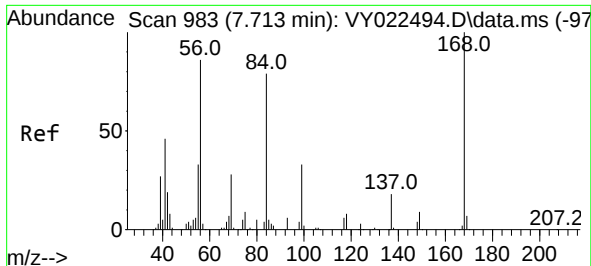
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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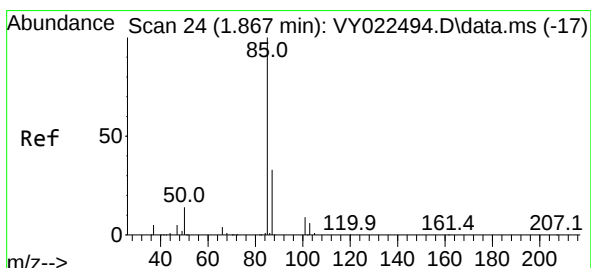
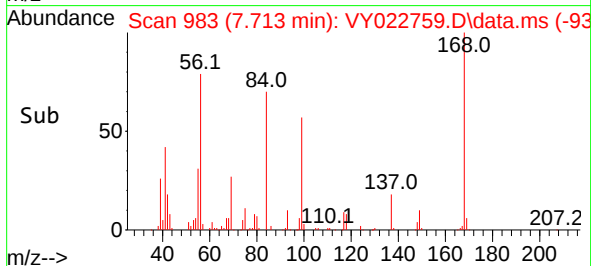
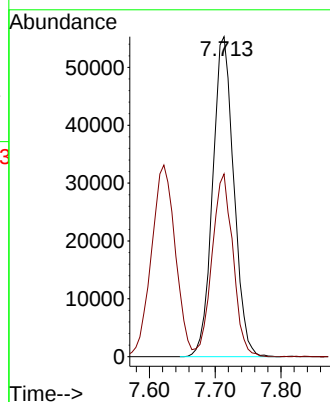
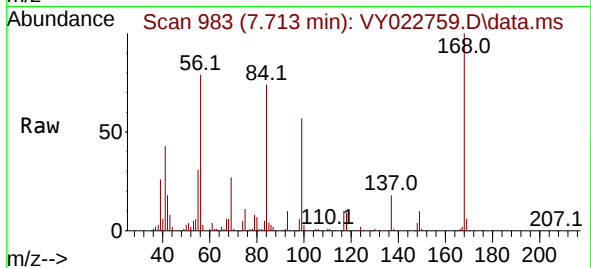




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.000 min
Lab File: VY022759.D
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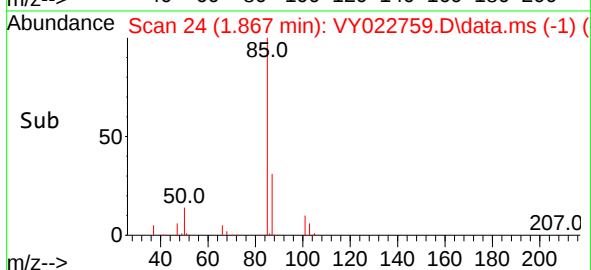
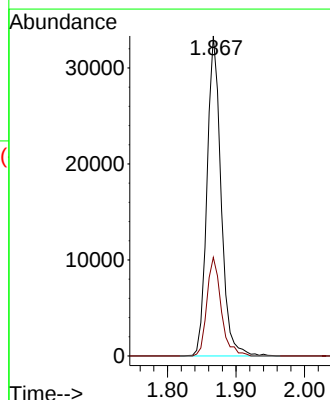
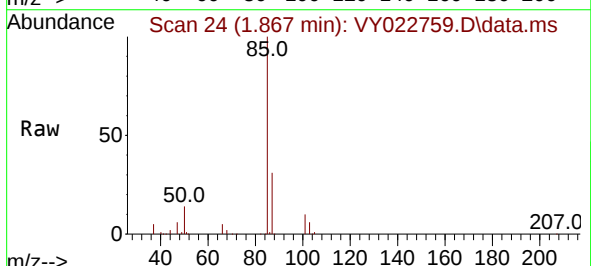
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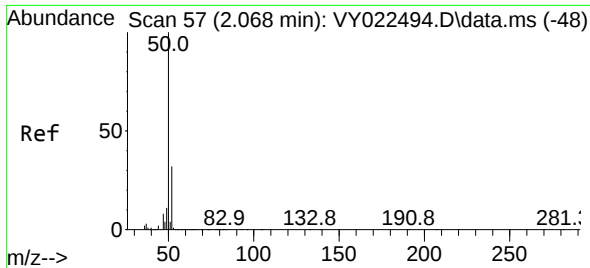
Tgt Ion:168 Resp: 123736
Ion Ratio Lower Upper
168 100
99 57.1 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 42.890 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 85 Resp: 47514
Ion Ratio Lower Upper
85 100
87 30.8 16.7 50.0

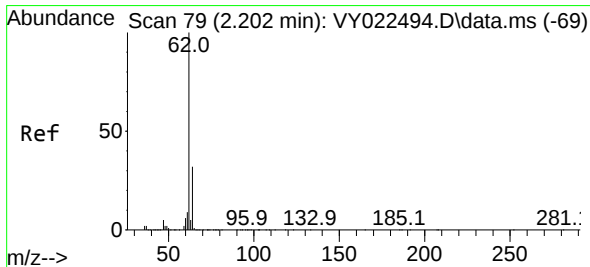
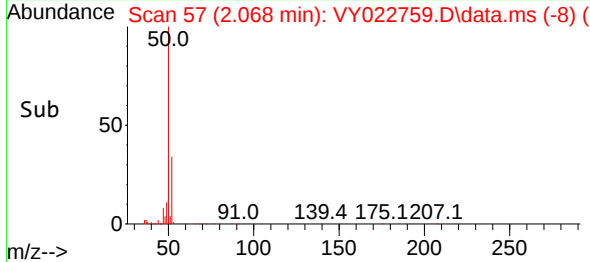
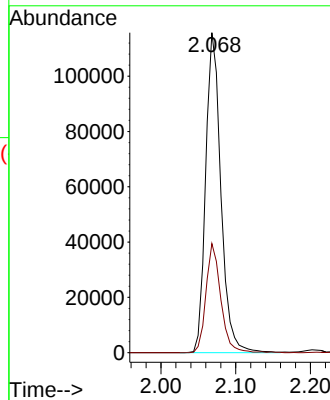
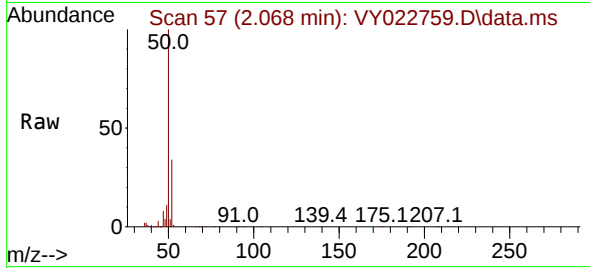




#3
Chloromethane
Concen: 50.089 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022759.D
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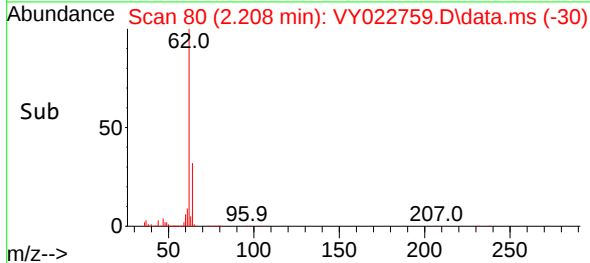
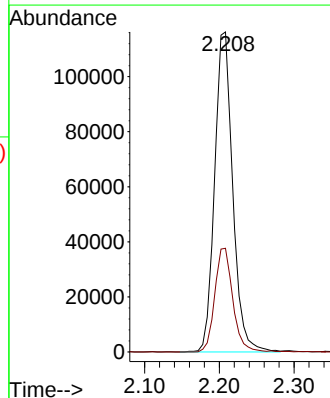
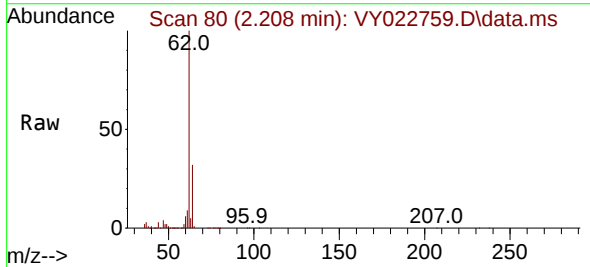
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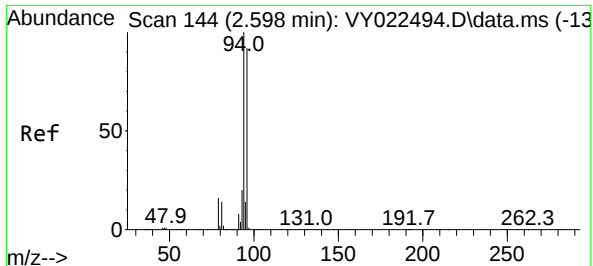
Tgt Ion: 50 Resp: 163928
Ion Ratio Lower Upper
50 100
52 34.1 26.0 39.0



#4
Vinyl Chloride
Concen: 51.609 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 62 Resp: 195940
Ion Ratio Lower Upper
62 100
64 32.4 25.3 37.9

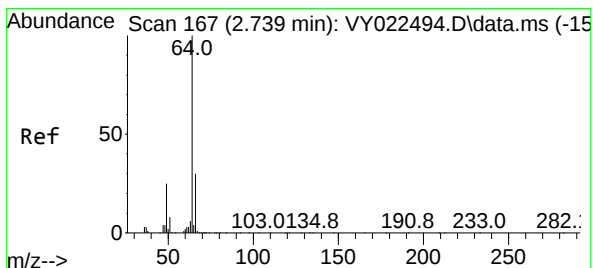
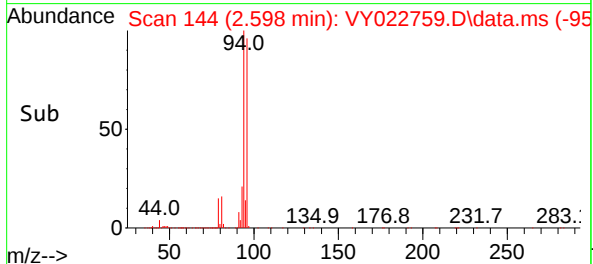
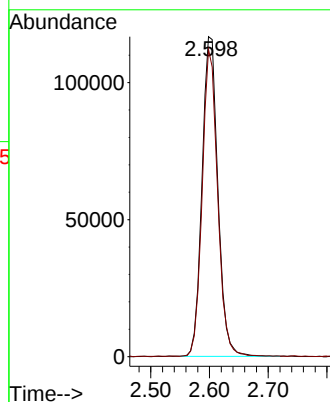
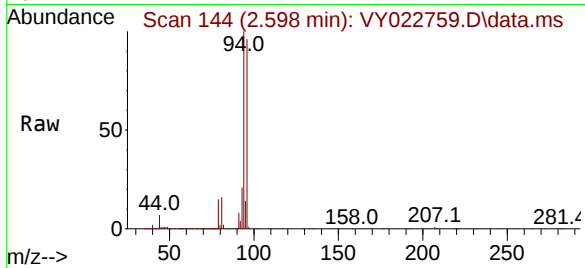




#5
Bromomethane
Concen: 60.108 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY022759.D
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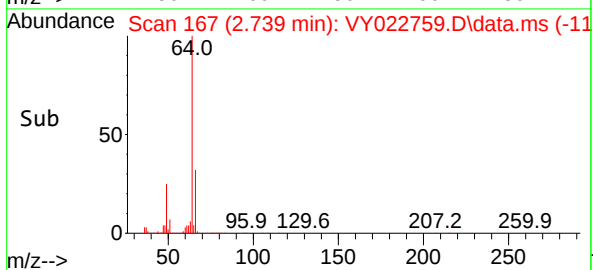
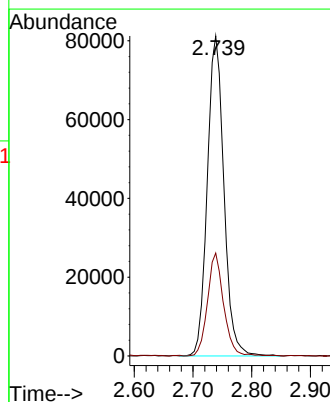
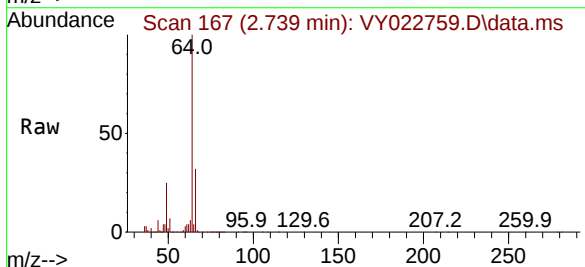
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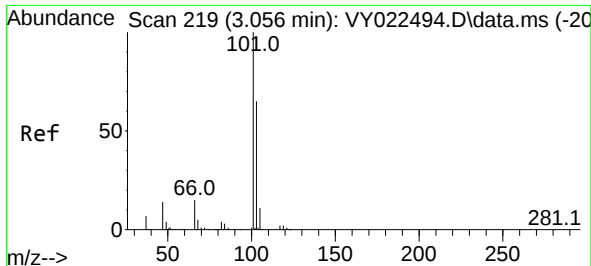
Tgt Ion: 94 Resp: 218729
Ion Ratio Lower Upper
94 100
96 96.0 74.0 111.0



#6
Chloroethane
Concen: 61.216 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 159524
Ion Ratio Lower Upper
64 100
66 32.1 23.8 35.6

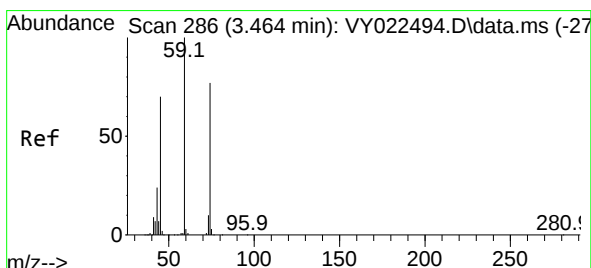
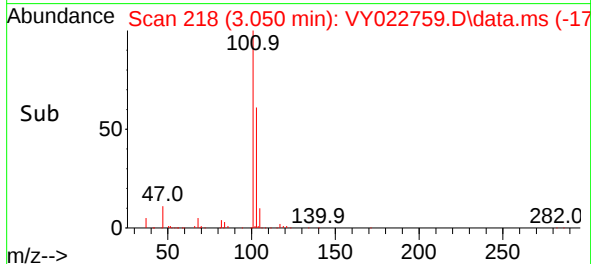
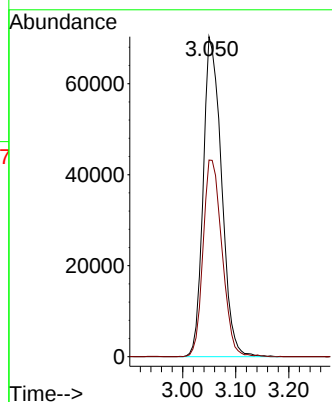
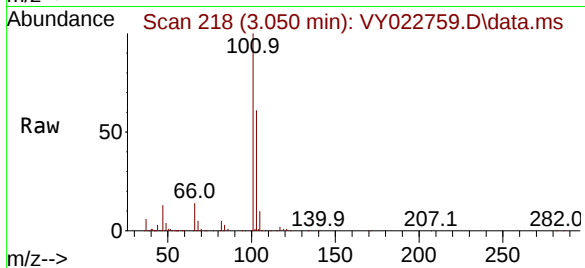




#7
Trichlorofluoromethane
Concen: 52.355 ug/l
RT: 3.050 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022759.D
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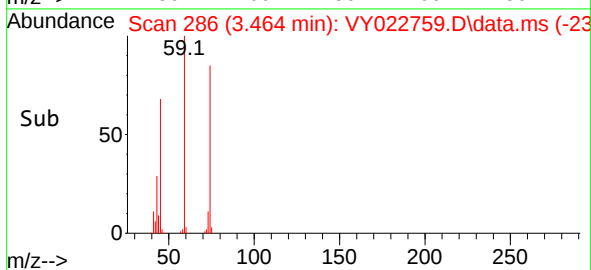
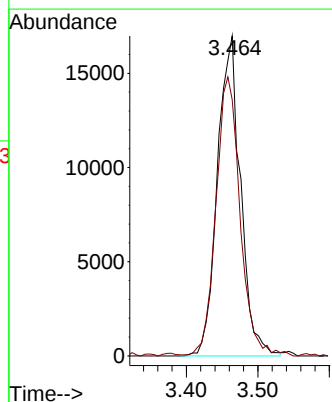
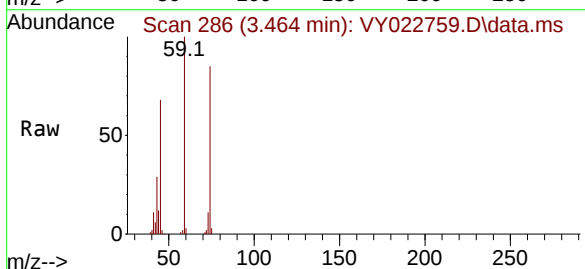
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 168745
Ion Ratio Lower Upper
101 100
103 61.4 52.2 78.2



#8
Diethyl Ether
Concen: 52.475 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 74 Resp: 38089
Ion Ratio Lower Upper
74 100
45 91.3 45.9 137.6

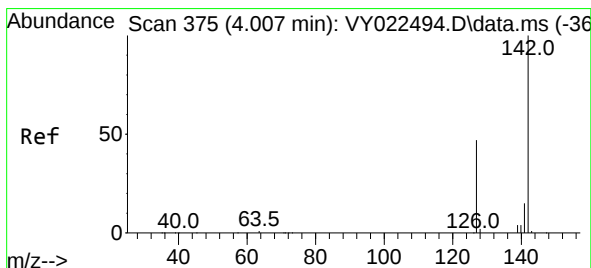
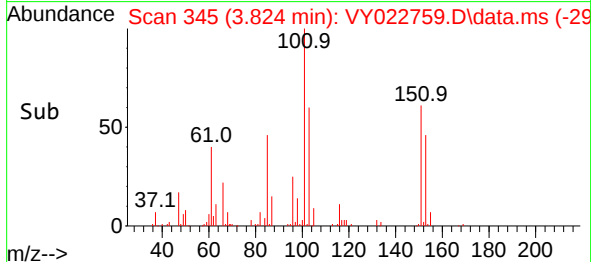
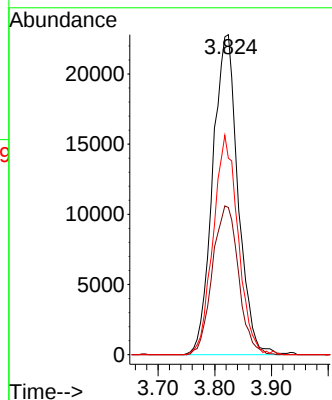
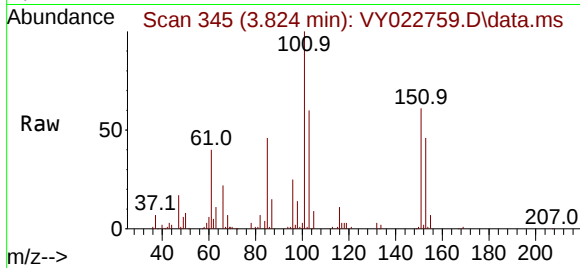




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.160 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

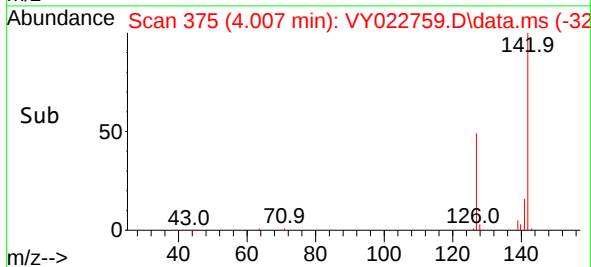
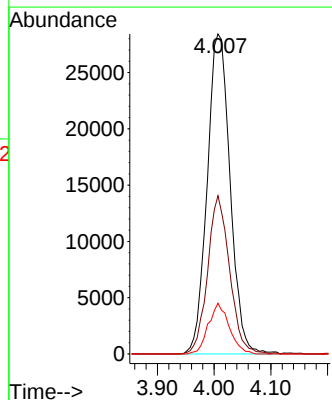
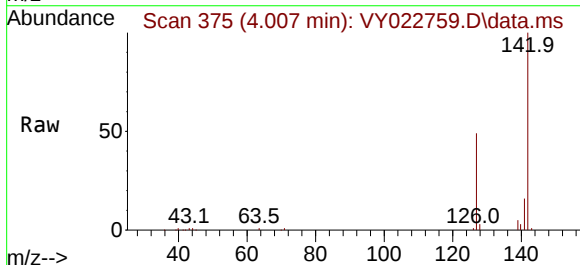
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

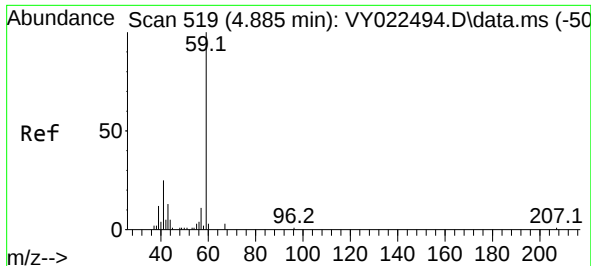
Tgt Ion:101 Resp: 70805
Ion Ratio Lower Upper
101 100
85 47.9 39.3 58.9
151 67.4 57.8 86.8



#10
Methyl Iodide
Concen: 54.491 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion:142 Resp: 80049
Ion Ratio Lower Upper
142 100
127 47.2 37.1 55.7
141 14.5 11.4 17.2

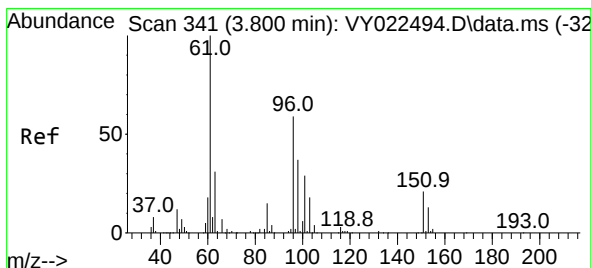
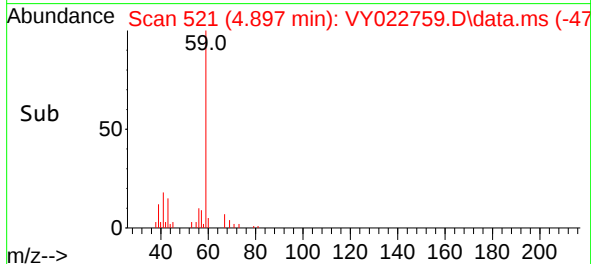
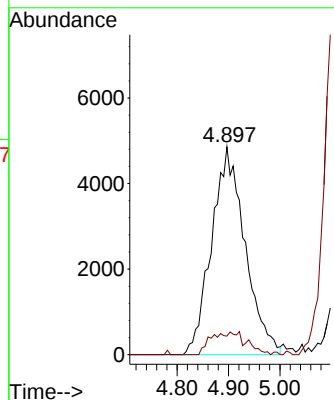
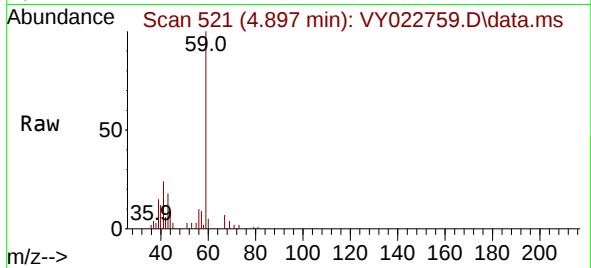




#11
Tert butyl alcohol
Concen: 222.138 ug/l
RT: 4.897 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

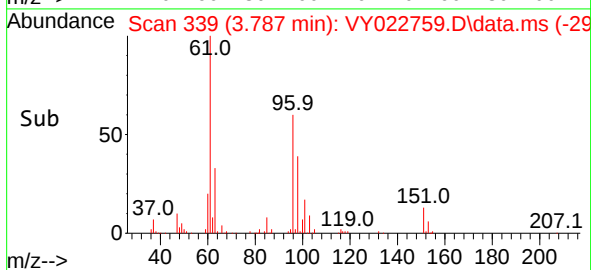
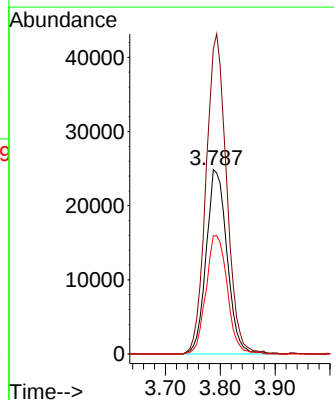
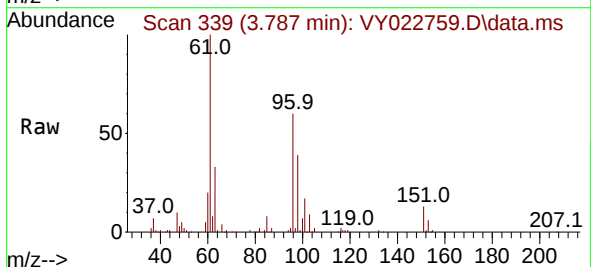
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

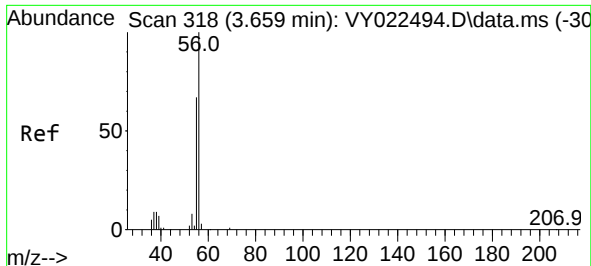
Tgt Ion: 59 Resp: 21957
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 50.698 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 96 Resp: 65784
Ion Ratio Lower Upper
96 100
61 165.4 134.6 201.8
98 64.0 50.2 75.4

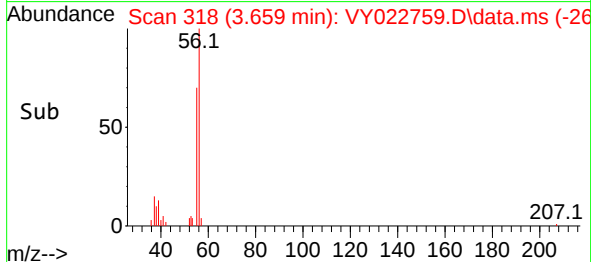
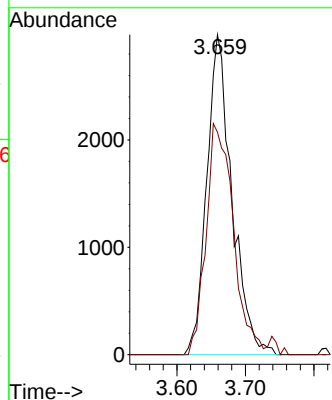
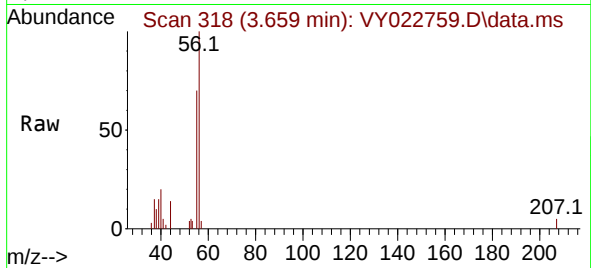




#13
Acrolein
Concen: 61.680 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

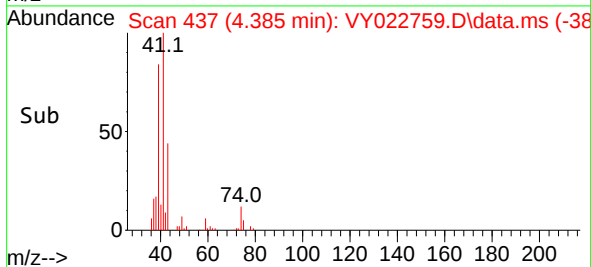
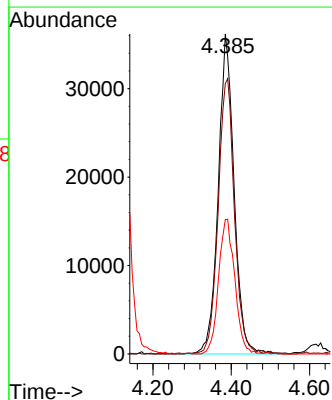
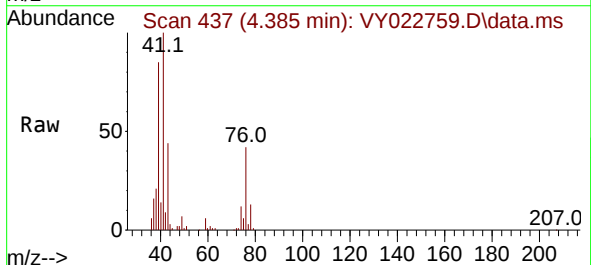
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

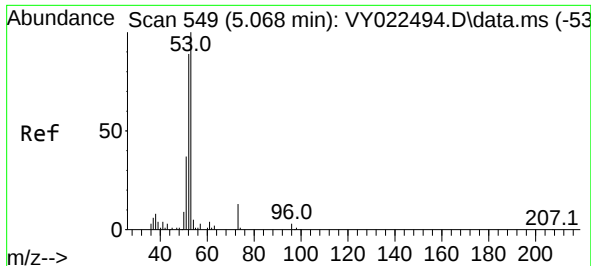
Tgt Ion: 56 Resp: 7598
Ion Ratio Lower Upper
56 100
55 78.1 57.0 85.6



#14
Allyl chloride
Concen: 50.020 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 41 Resp: 101891
Ion Ratio Lower Upper
41 100
39 88.9 69.1 103.7
76 43.2 33.5 50.3

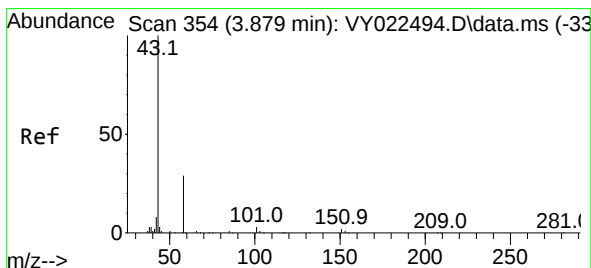
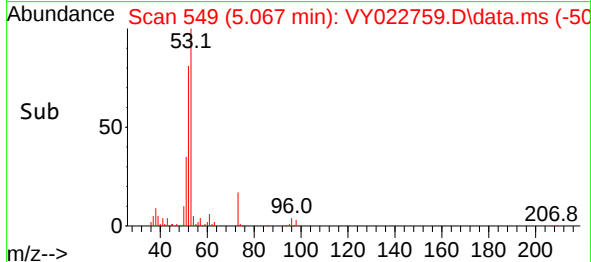
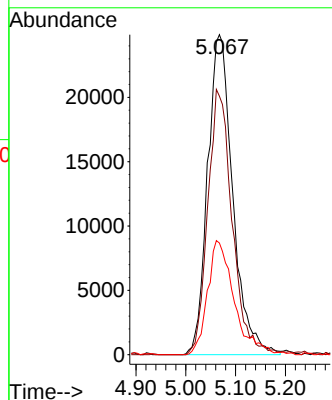
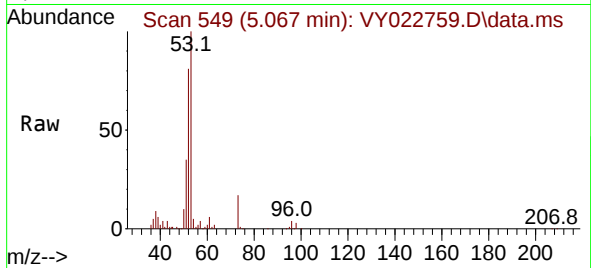




#15
Acrylonitrile
Concen: 283.080 ug/l
RT: 5.067 min Scan# 549
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

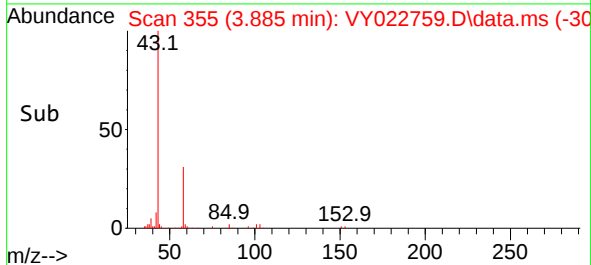
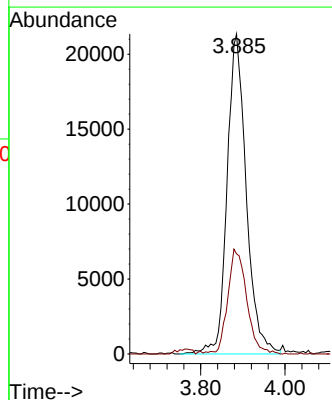
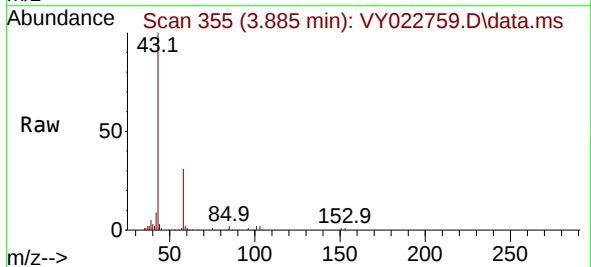
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

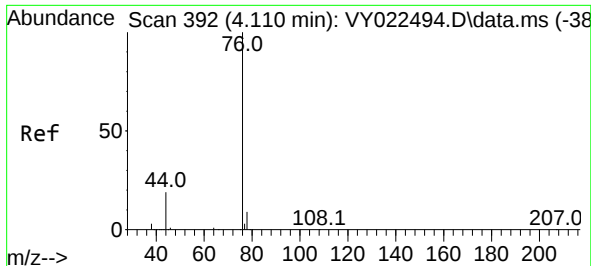
Tgt Ion: 53 Resp: 87021
Ion Ratio Lower Upper
53 100
52 80.7 65.7 98.5
51 37.6 30.1 45.1



#16
Acetone
Concen: 238.734 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 43 Resp: 67097
Ion Ratio Lower Upper
43 100
58 31.3 24.0 36.0

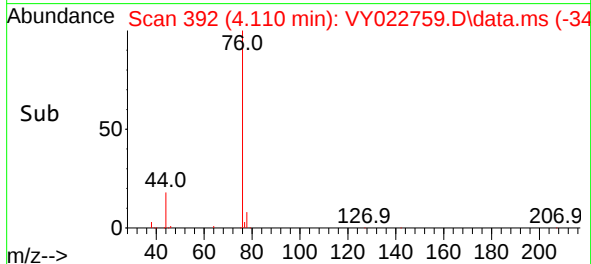
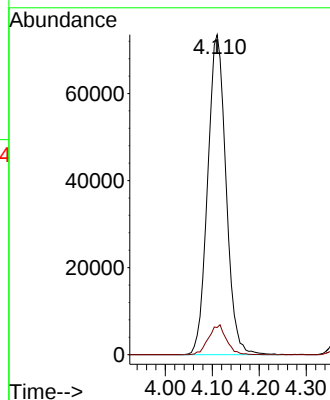
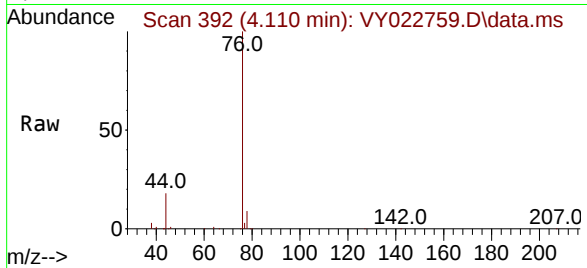




#17
Carbon Disulfide
Concen: 47.928 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

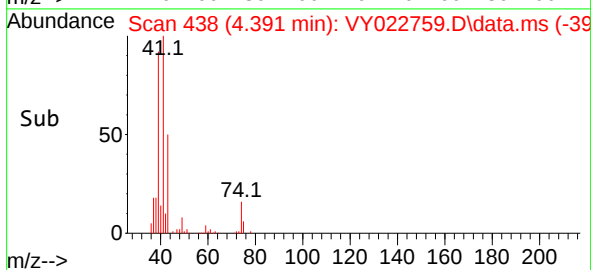
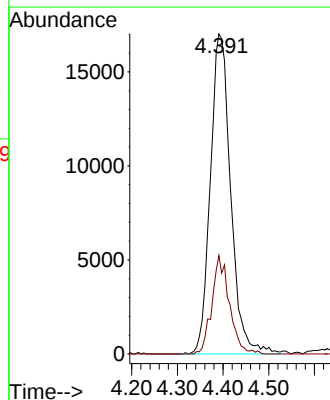
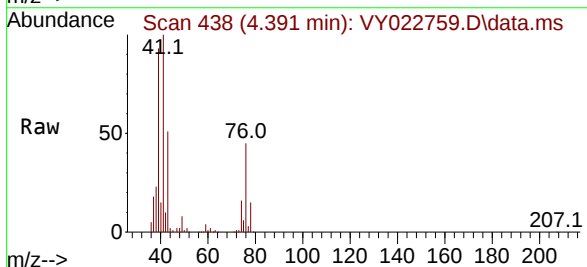
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

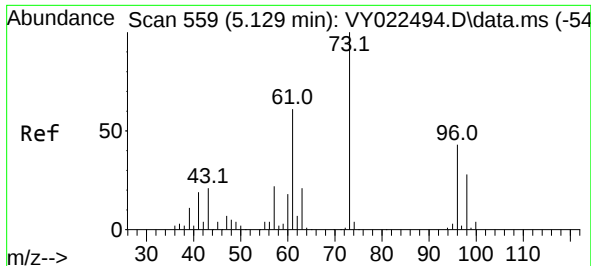
Tgt Ion: 76 Resp: 199103
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 63.265 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 43 Resp: 52654
Ion Ratio Lower Upper
43 100
74 26.5 19.8 29.6

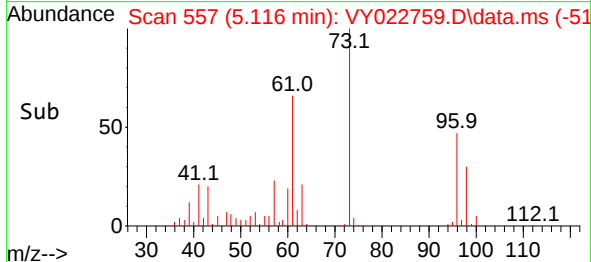
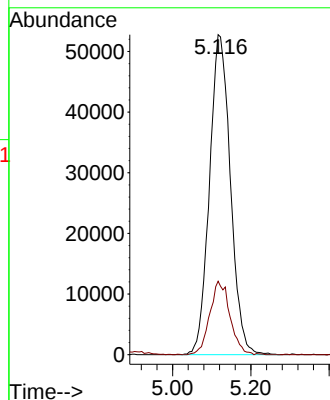
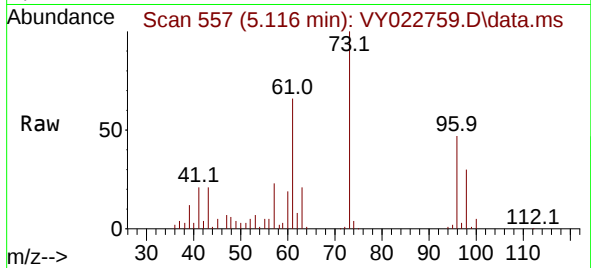




#19
Methyl tert-butyl Ether
Concen: 53.575 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

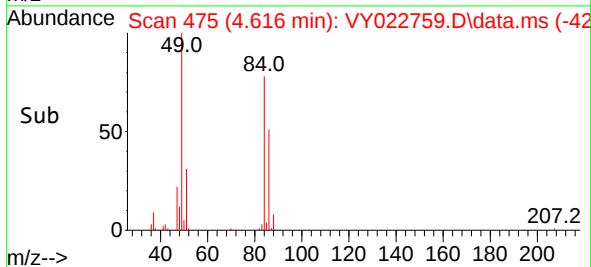
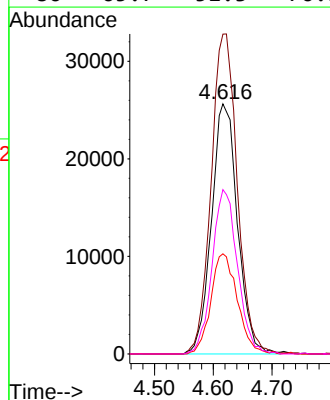
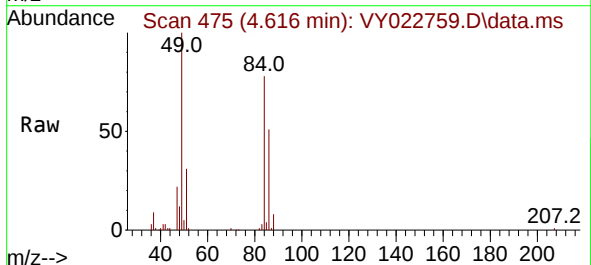
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

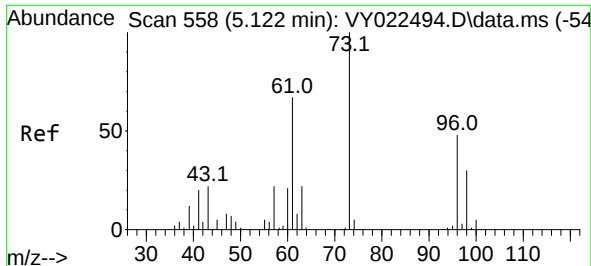
Tgt Ion: 73 Resp: 195804
Ion Ratio Lower Upper
73 100
57 22.9 17.4 26.0



#20
Methylene Chloride
Concen: 49.489 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 84 Resp: 79009
Ion Ratio Lower Upper
84 100
49 127.9 101.9 152.9
51 40.1 29.8 44.8
86 65.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 53.301 ug/l

RT: 5.116 min Scan# 5116

Delta R.T. -0.006 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

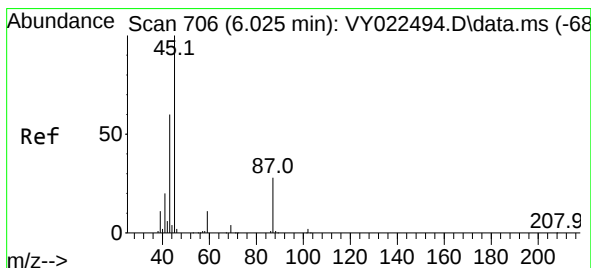
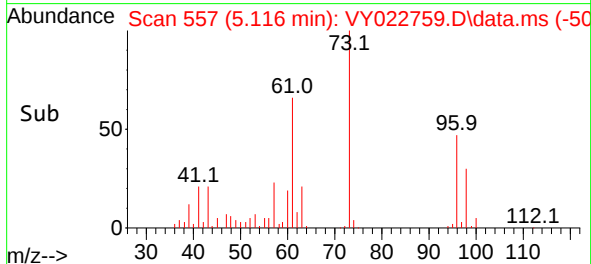
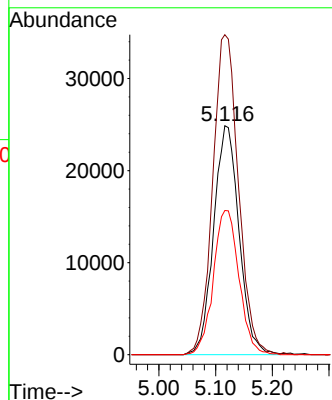
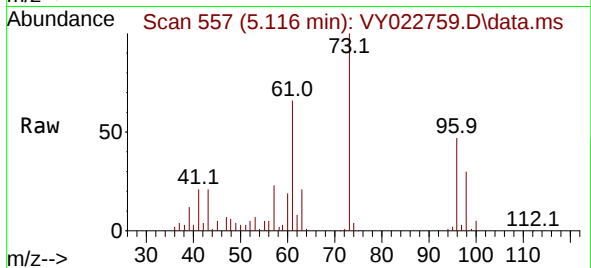
Tgt Ion: 96 Resp: 77406

Ion Ratio Lower Upper

96 100

61 139.8 112.6 169.0

98 63.0 50.6 75.8



#22

Diisopropyl ether

Concen: 54.636 ug/l

RT: 6.025 min Scan# 706

Delta R.T. -0.000 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

Tgt Ion: 45 Resp: 247731

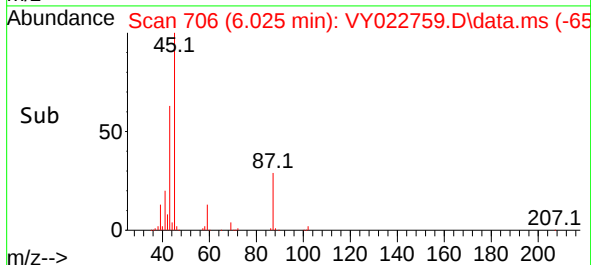
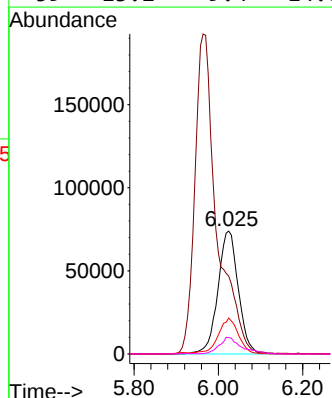
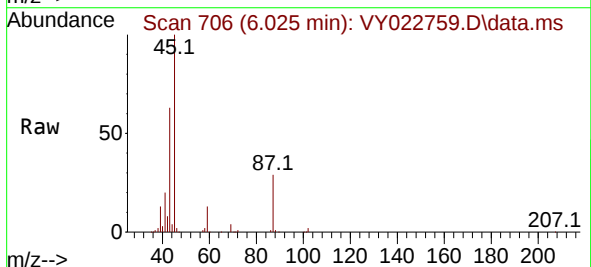
Ion Ratio Lower Upper

45 100

43 62.8 48.3 72.5

87 29.2 23.0 34.6

59 13.2 9.4 14.0

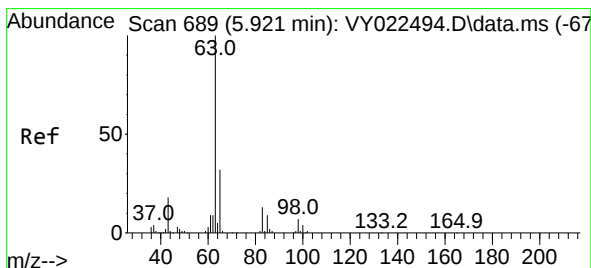
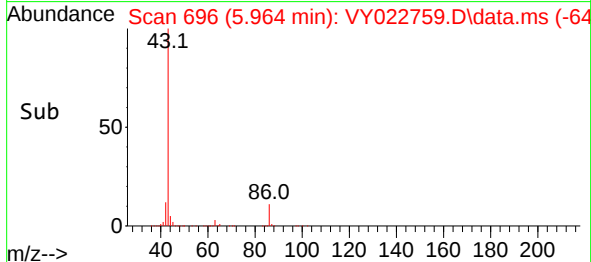
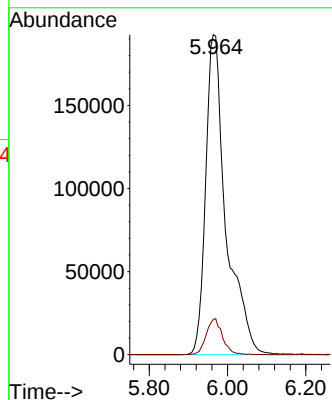
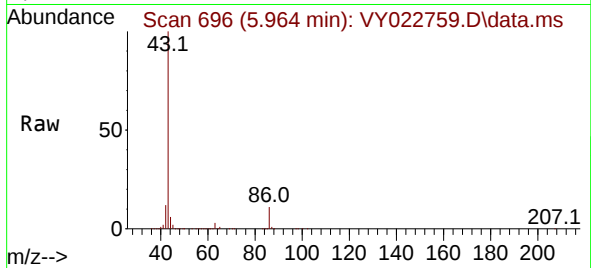




#23
 Vinyl Acetate
 Concen: 258.432 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY022759.D
 Acq: 20 Jun 2025 11:43

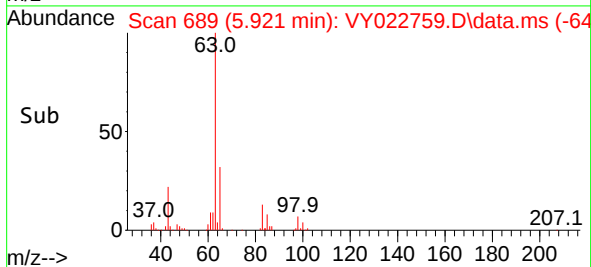
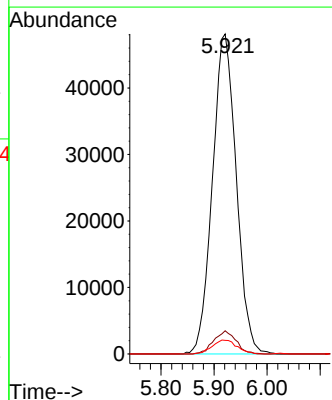
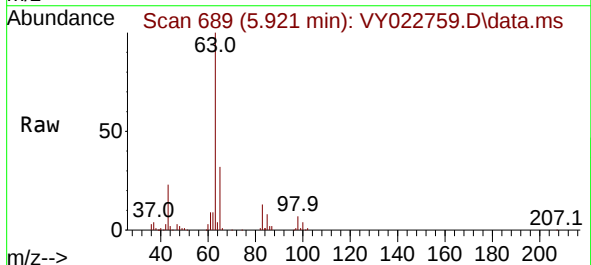
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 693549
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 56.241 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY022759.D
 Acq: 20 Jun 2025 11:43

Tgt Ion: 63 Resp: 150229
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.1
 100 4.2 2.1 6.3





#25

2-Butanone

Concen: 260.197 ug/l

RT: 6.902 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

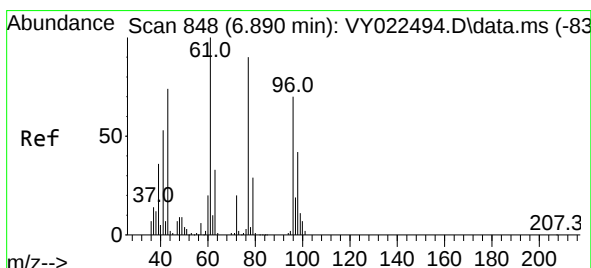
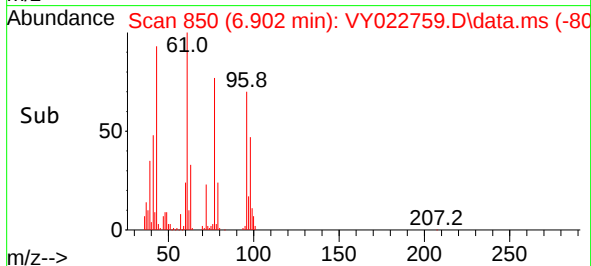
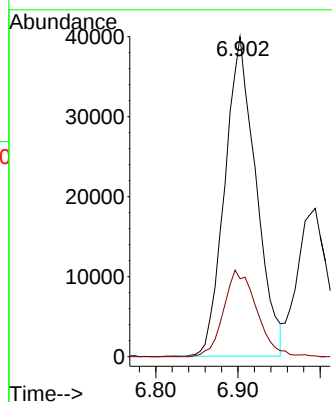
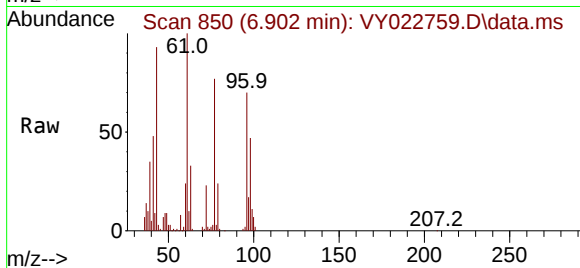
VSTDCCC050

Tgt Ion: 43 Resp: 105485

Ion Ratio Lower Upper

43 100

72 24.4 22.9 34.3



#26

2,2-Dichloropropane

Concen: 54.325 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY022759.D

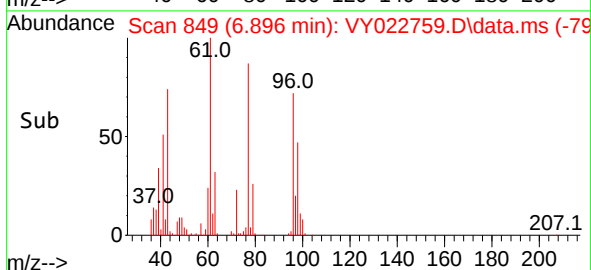
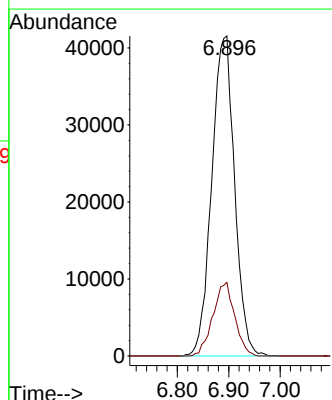
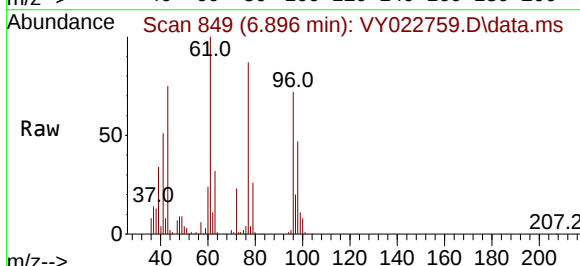
Acq: 20 Jun 2025 11:43

Tgt Ion: 77 Resp: 128214

Ion Ratio Lower Upper

77 100

97 21.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 56.937 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

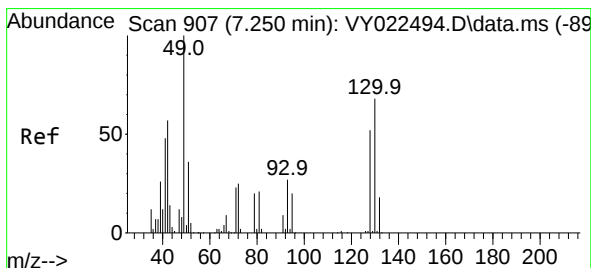
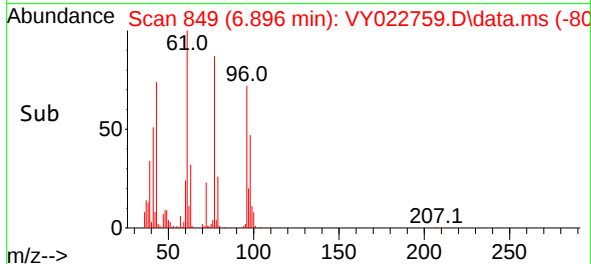
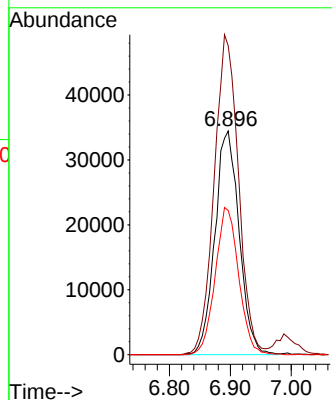
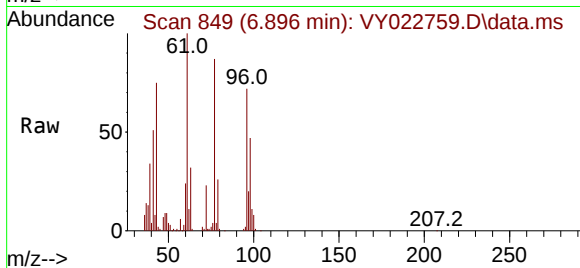
Tgt Ion: 96 Resp: 95573

Ion Ratio Lower Upper

96 100

61 142.9 0.0 290.0

98 63.6 0.0 128.4



#28

Bromochloromethane

Concen: 55.943 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

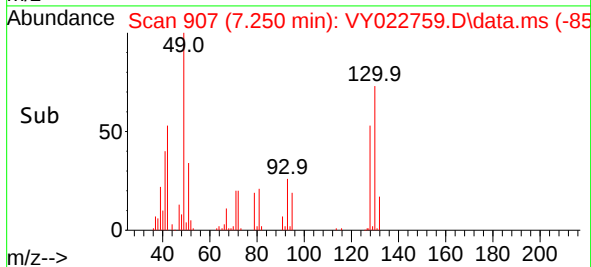
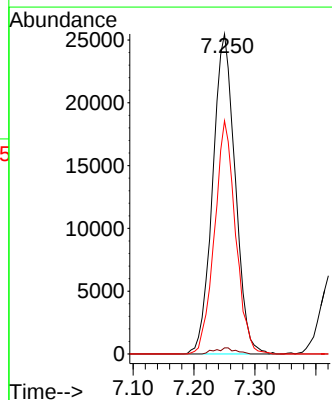
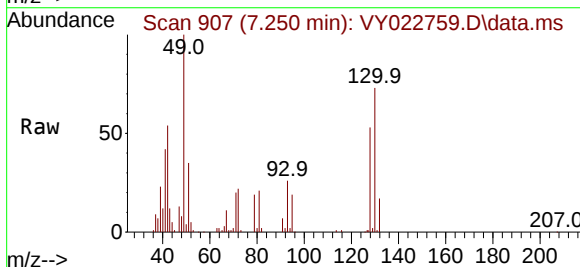
Tgt Ion: 49 Resp: 65139

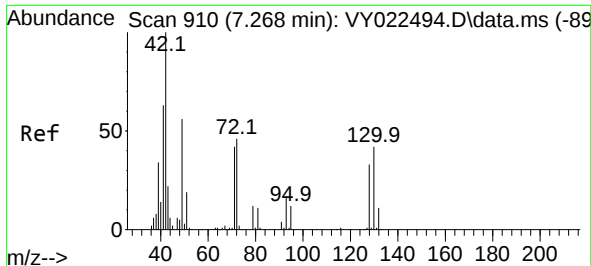
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

130 68.3 55.7 83.5





#29

Tetrahydrofuran

Concen: 266.494 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

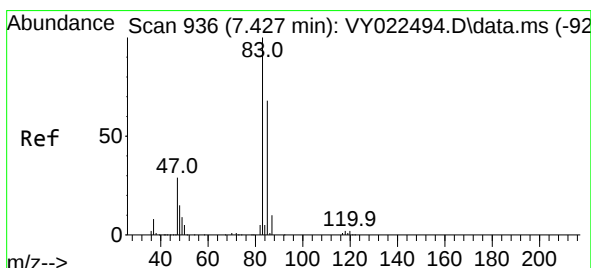
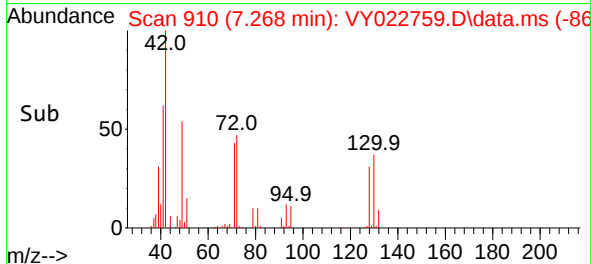
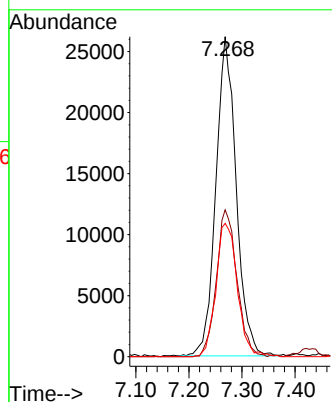
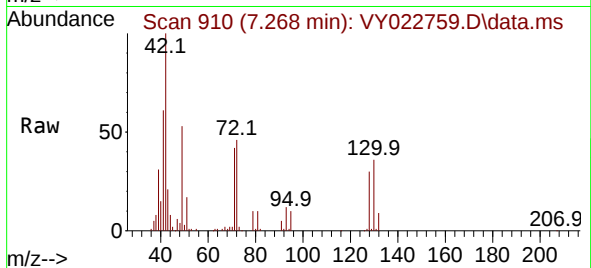
Tgt Ion: 42 Resp: 69681

Ion Ratio Lower Upper

42 100

72 46.5 37.4 56.2

71 43.9 34.2 51.2



#30

Chloroform

Concen: 58.495 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022759.D

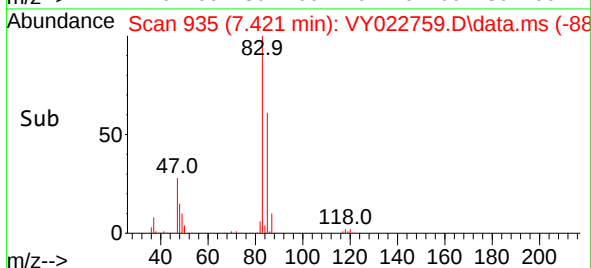
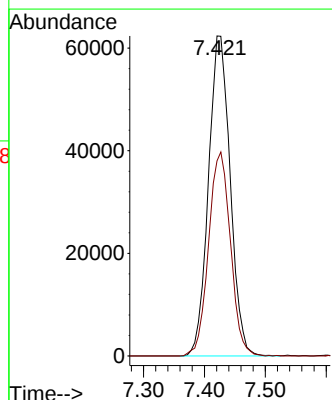
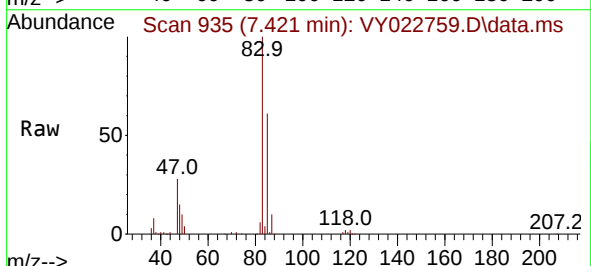
Acq: 20 Jun 2025 11:43

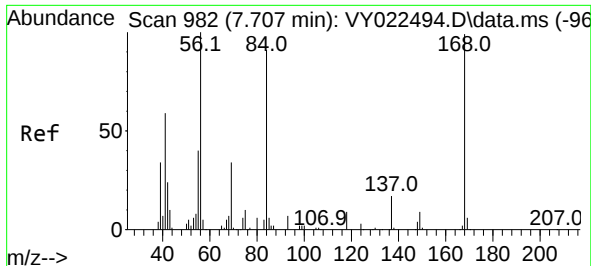
Tgt Ion: 83 Resp: 154763

Ion Ratio Lower Upper

83 100

85 61.0 54.2 81.4

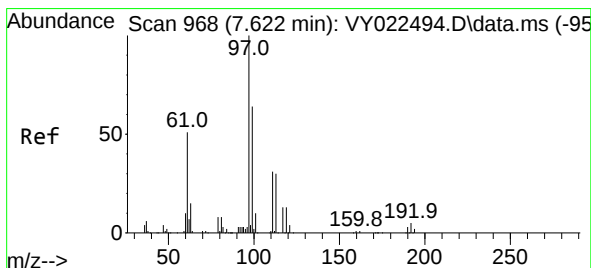
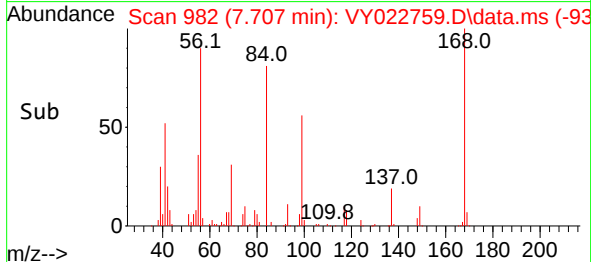
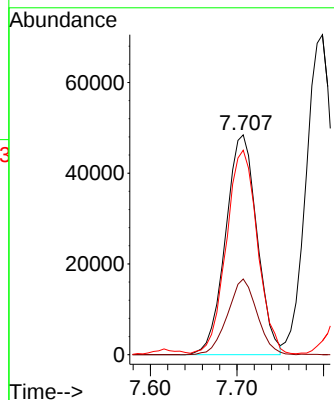
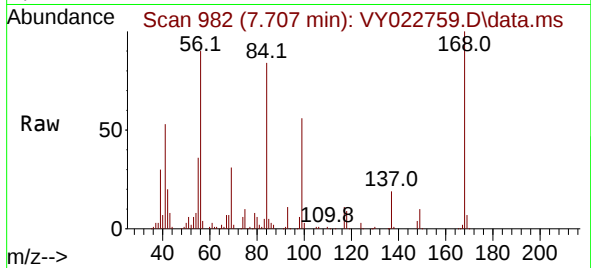




#31
Cyclohexane
Concen: 45.907 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

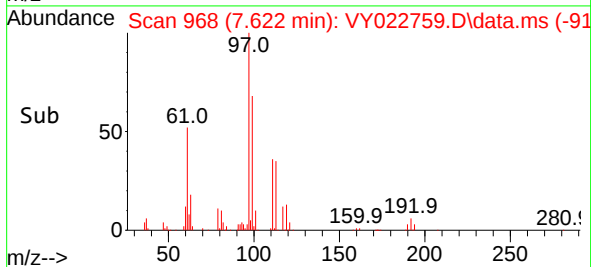
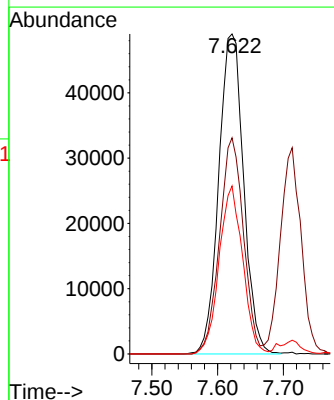
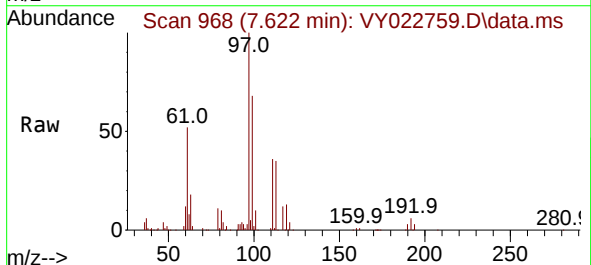
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

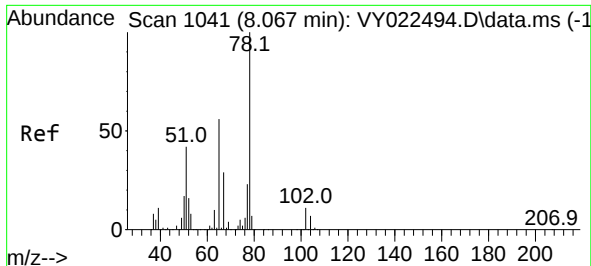
Tgt Ion: 56 Resp: 122079
Ion Ratio Lower Upper
56 100
69 34.4 27.0 40.6
84 91.4 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 54.907 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 97 Resp: 128958
Ion Ratio Lower Upper
97 100
99 64.9 50.9 76.3
61 49.7 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 54.846 ug/l

RT: 8.067 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

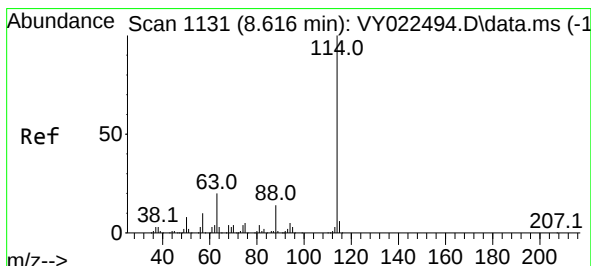
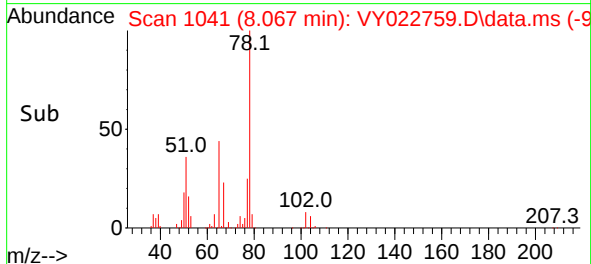
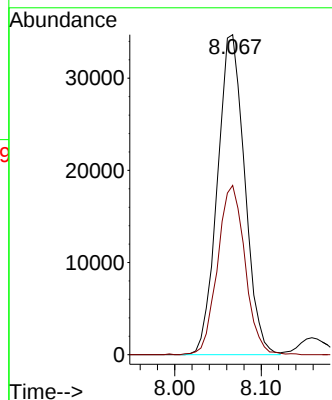
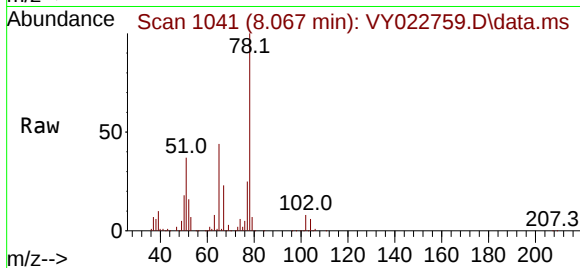
VSTDCCC050

Tgt Ion: 65 Resp: 75902

Ion Ratio Lower Upper

65 100

67 53.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

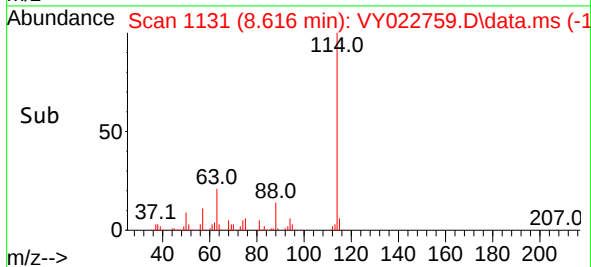
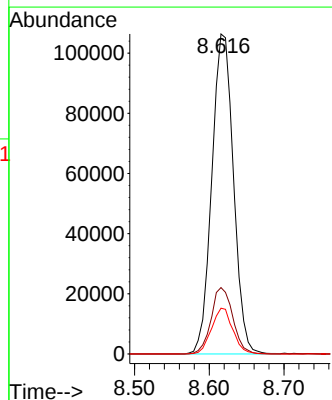
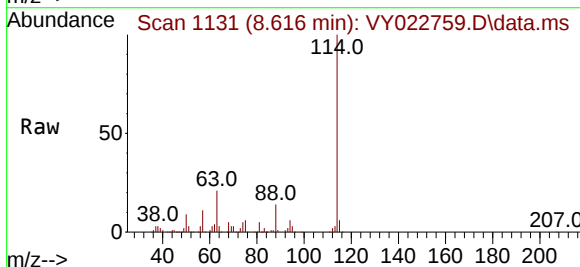
Tgt Ion: 114 Resp: 214449

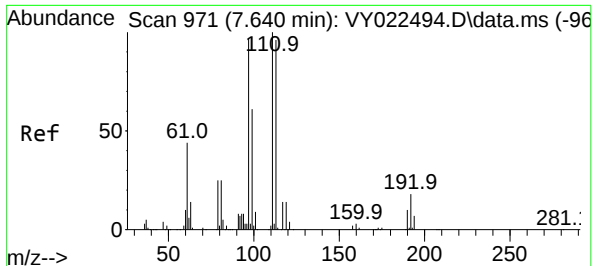
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 14.3 0.0 27.8

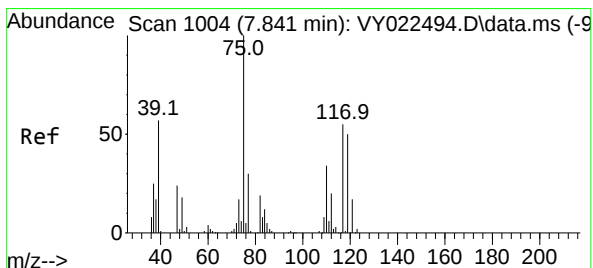
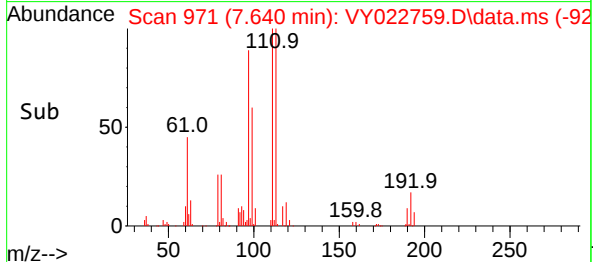
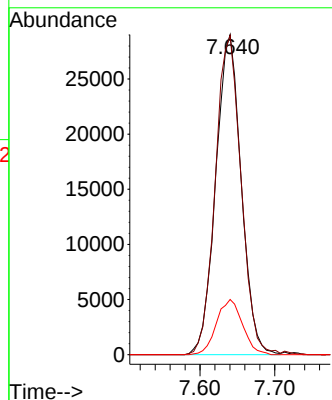
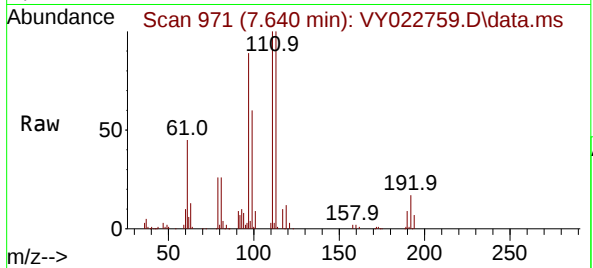




#35
Dibromofluoromethane
Concen: 53.734 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

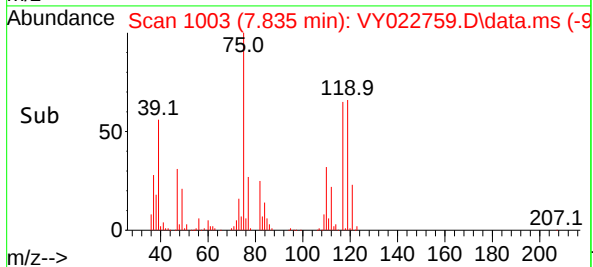
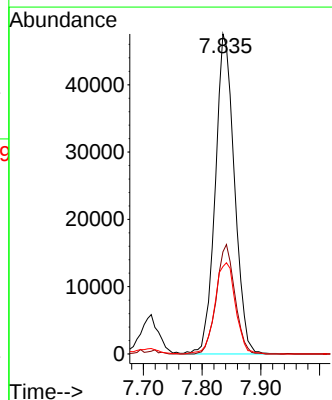
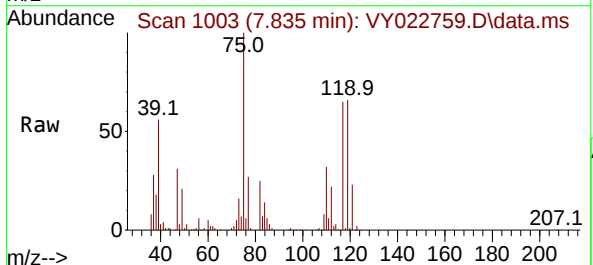
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 68780
Ion Ratio Lower Upper
113 100
111 101.2 81.1 121.7
192 17.6 14.2 21.2



#36
1,1-Dichloropropene
Concen: 51.881 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 75 Resp: 107781
Ion Ratio Lower Upper
75 100
110 33.0 16.9 50.7
77 30.6 24.8 37.2

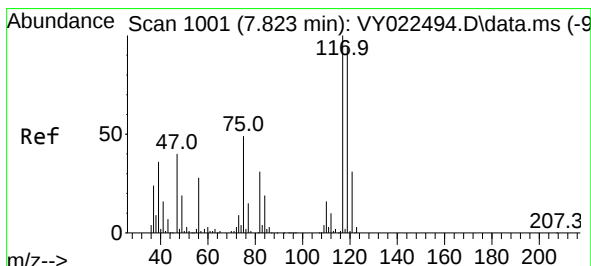
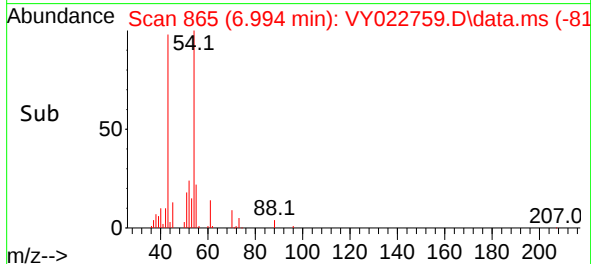
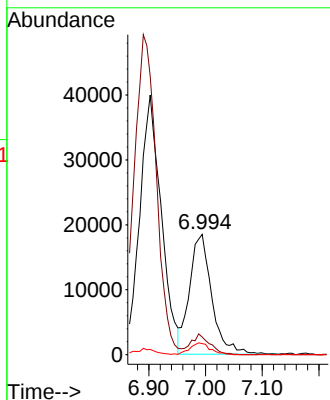
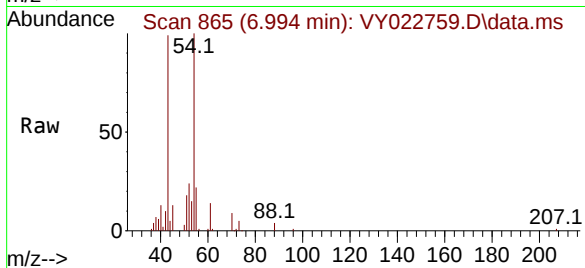




#37
Ethyl Acetate
Concen: 54.607 ug/l
RT: 6.994 min Scan# 865
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

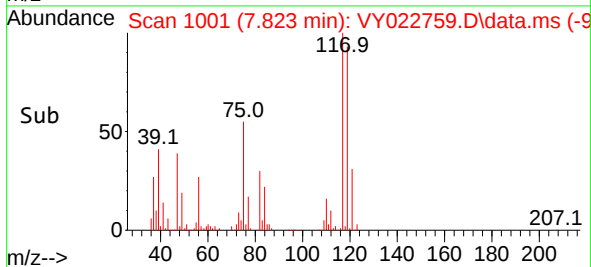
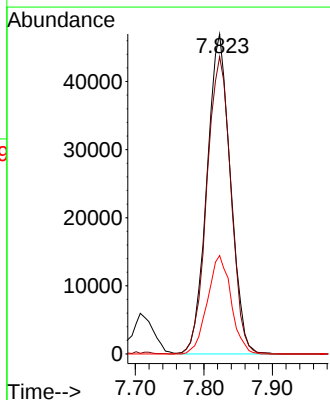
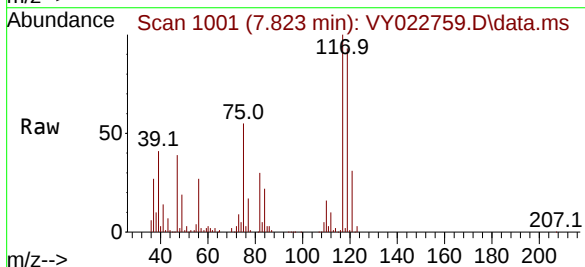
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

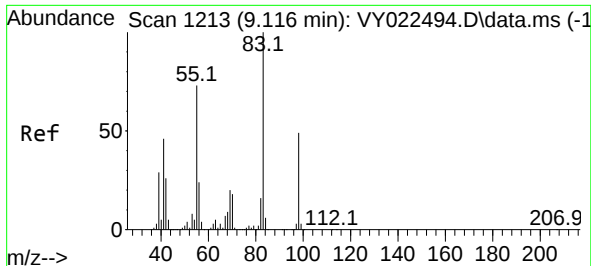
Tgt Ion: 43 Resp: 50590
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 52.558 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 117 Resp: 112010
Ion Ratio Lower Upper
117 100
119 92.9 75.0 112.6
121 30.8 25.0 37.4





#39

Methylcyclohexane

Concen: 47.196 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

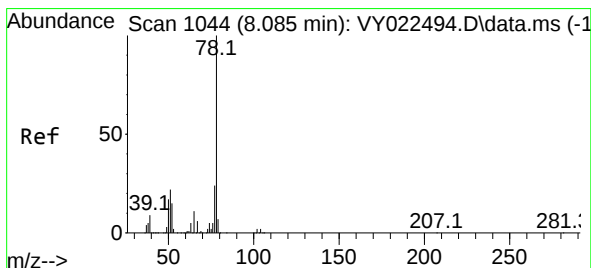
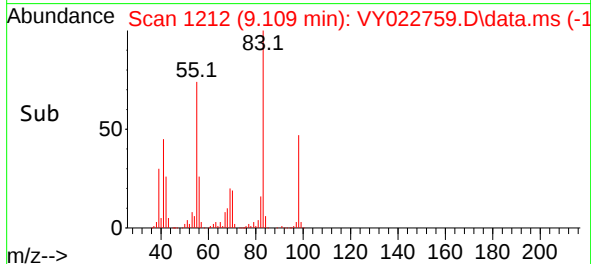
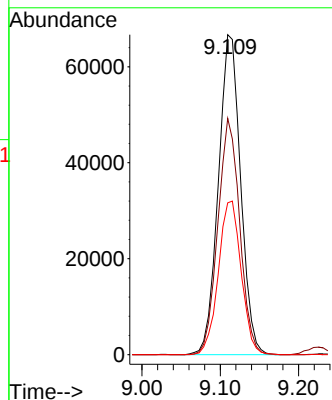
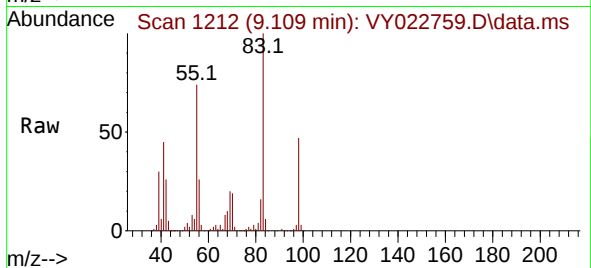
Tgt Ion: 83 Resp: 131761

Ion Ratio Lower Upper

83 100

55 73.9 58.1 87.1

98 47.4 39.0 58.6



#40

Benzene

Concen: 54.731 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY022759.D

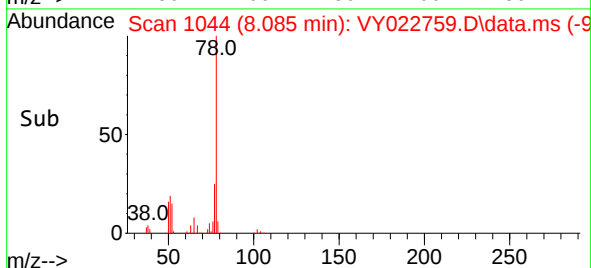
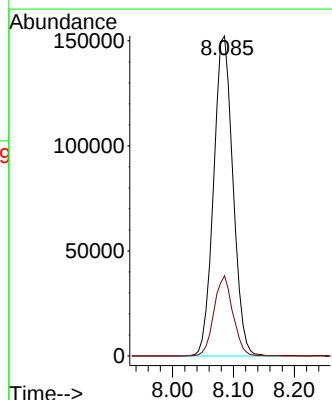
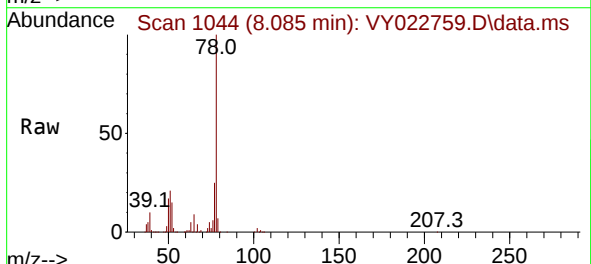
Acq: 20 Jun 2025 11:43

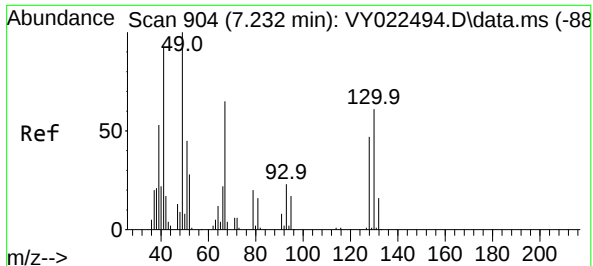
Tgt Ion: 78 Resp: 335825

Ion Ratio Lower Upper

78 100

77 25.1 19.3 28.9

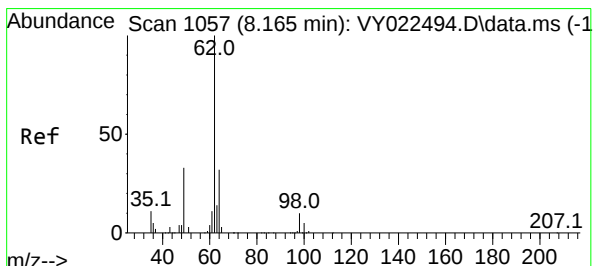
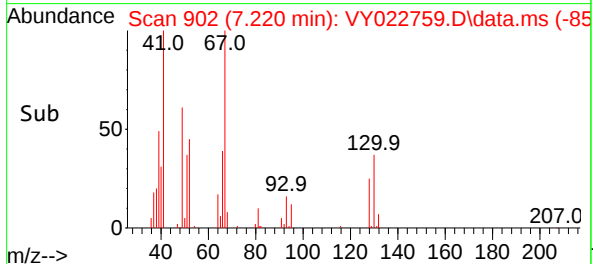
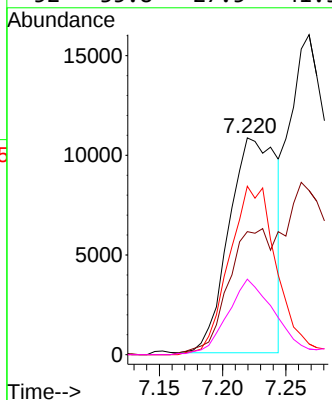
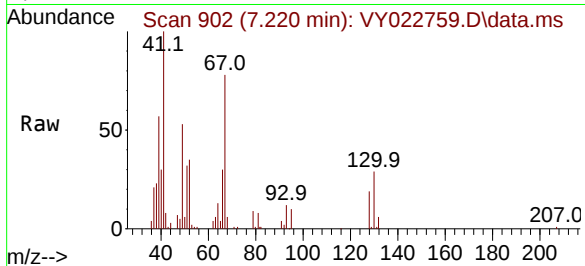




#41
Methacrylonitrile
Concen: 52.129 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

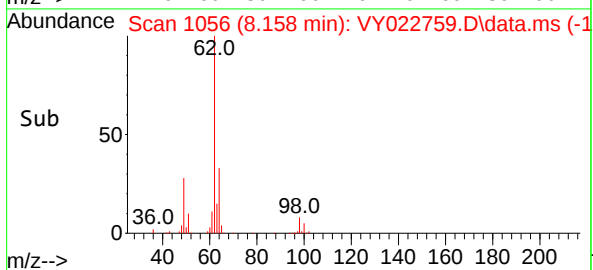
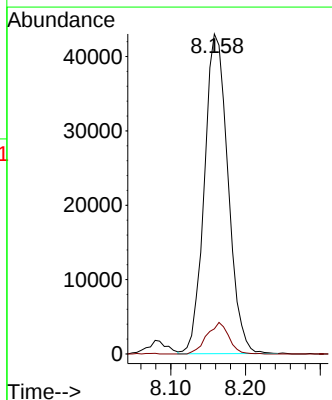
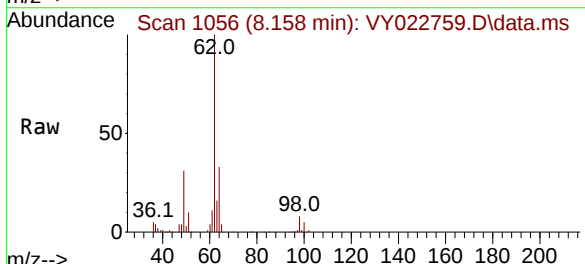
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

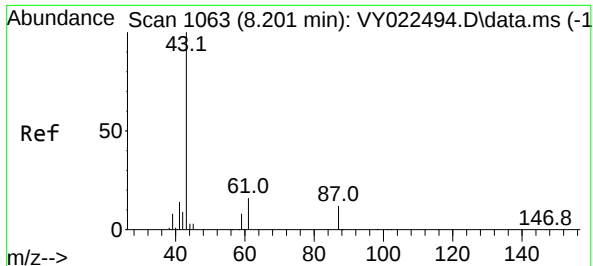
Tgt Ion:	41	Resp:	28209
Ion	Ratio	Lower	Upper
41	100		
39	51.5	46.6	69.8
67	78.5	63.3	94.9
52	35.8	27.5	41.3



#42
1,2-Dichloroethane
Concen: 56.442 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion:	62	Resp:	94562
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2

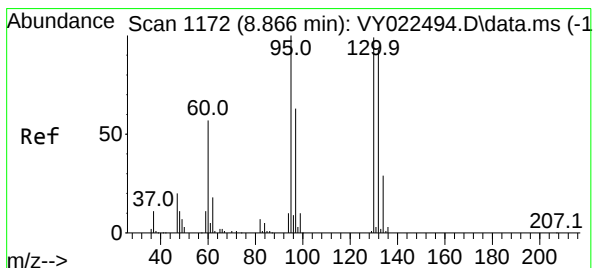
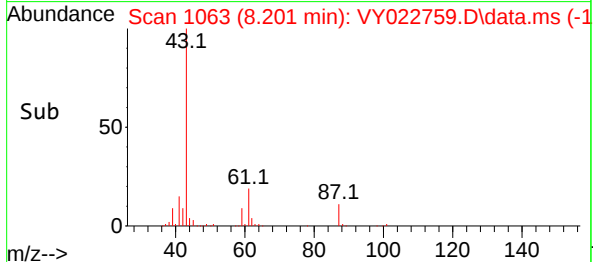
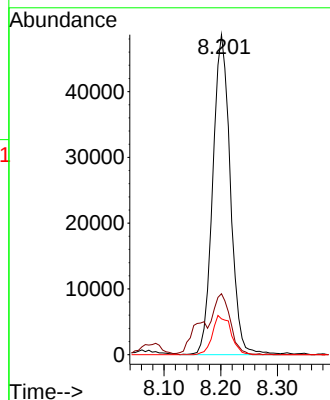
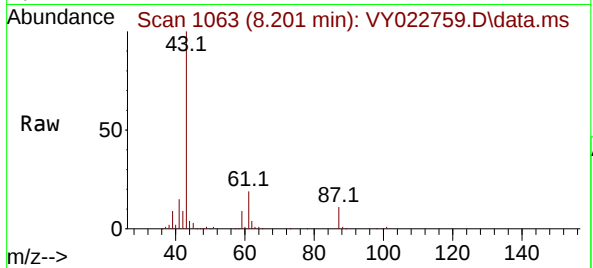




#43
Isopropyl Acetate
Concen: 52.243 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

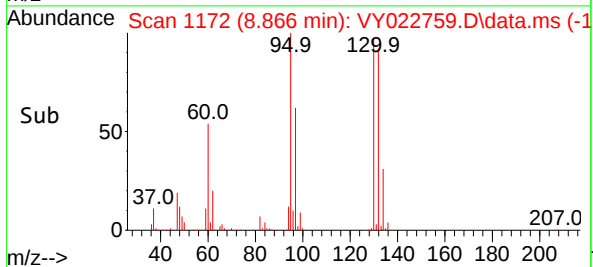
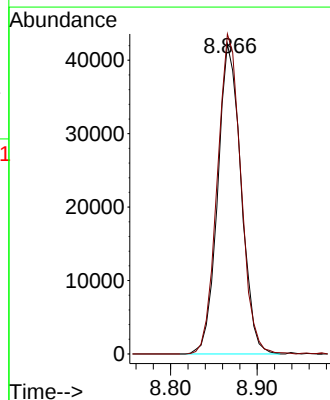
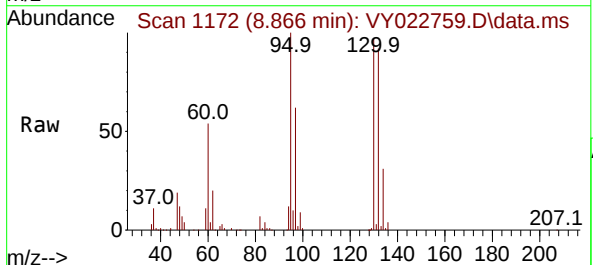
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

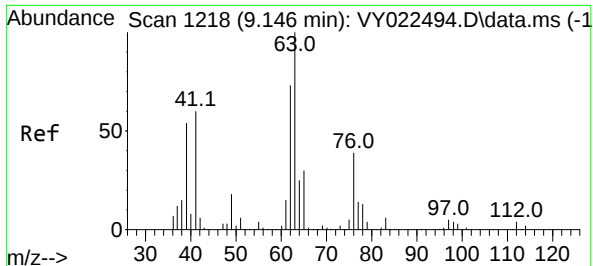
Tgt Ion: 43 Resp: 104531
Ion Ratio Lower Upper
43 100
61 18.9 15.6 23.4
87 12.9 10.2 15.4



#44
Trichloroethene
Concen: 52.668 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 130 Resp: 78984
Ion Ratio Lower Upper
130 100
95 103.2 0.0 203.0





#45

1,2-Dichloropropane

Concen: 56.207 ug/l

RT: 9.146 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

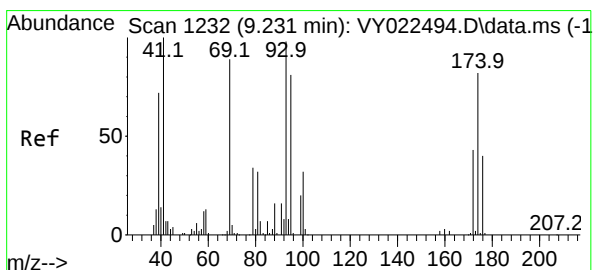
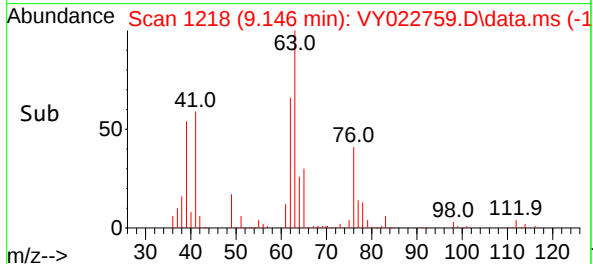
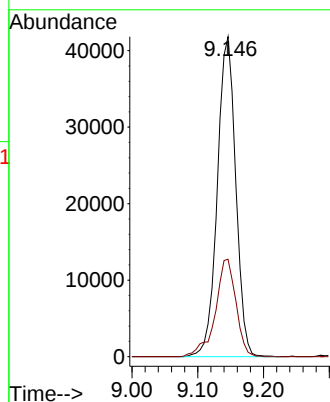
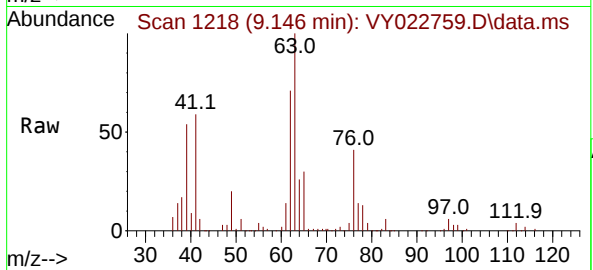
VSTDCCC050

Tgt Ion: 63 Resp: 81507

Ion Ratio Lower Upper

63 100

65 30.5 24.0 36.0



#46

Dibromomethane

Concen: 56.499 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

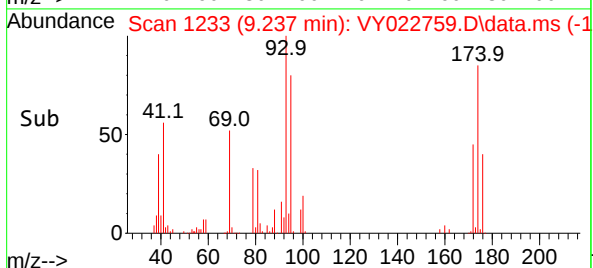
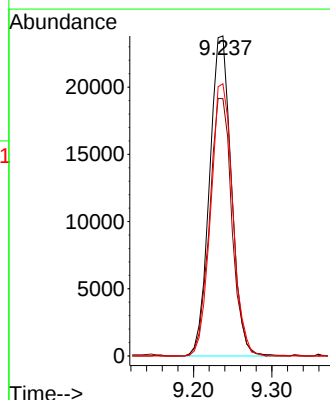
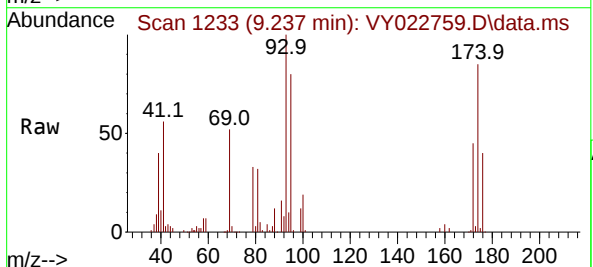
Tgt Ion: 93 Resp: 46093

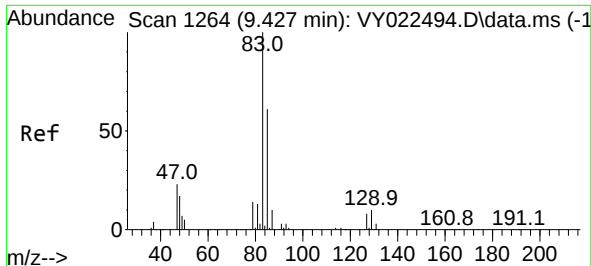
Ion Ratio Lower Upper

93 100

95 82.6 65.6 98.4

174 85.5 70.4 105.6

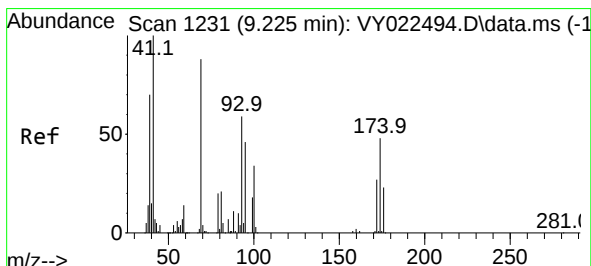
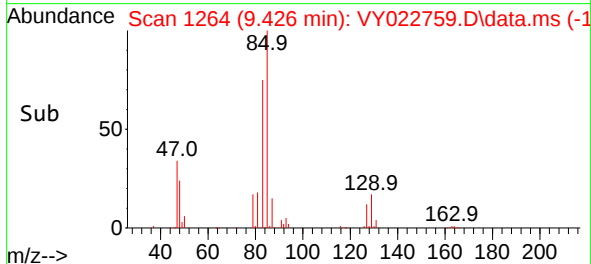
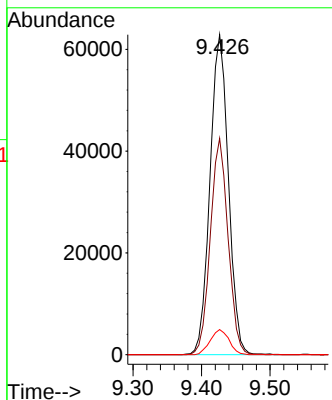
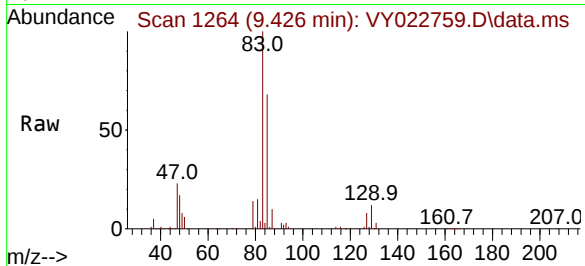




#47
Bromodichloromethane
Concen: 56.571 ug/l
RT: 9.426 min Scan# 117025
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

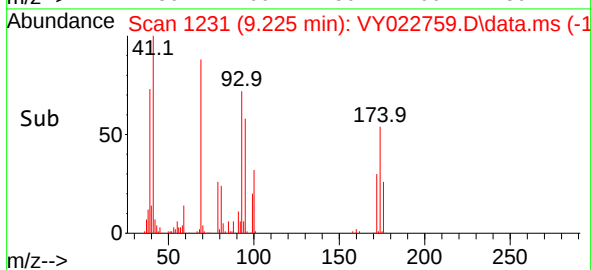
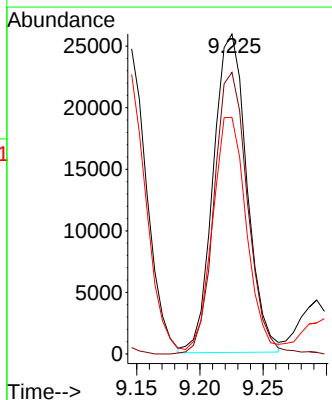
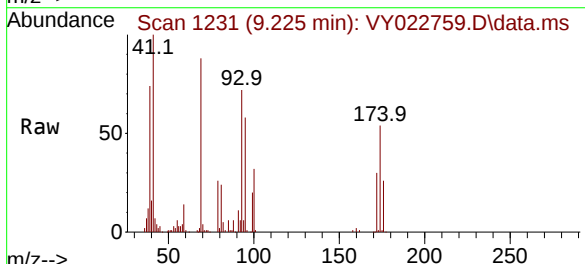
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

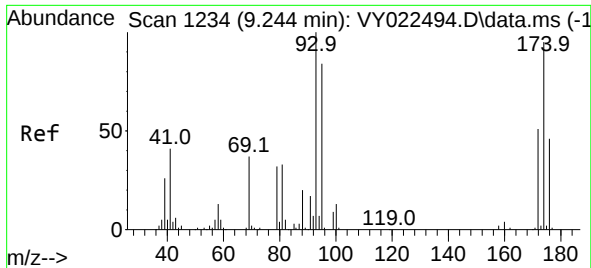
Tgt Ion:	83	Resp:	117025
Ion	Ratio	Lower	Upper
83	100		
85	67.6	49.1	73.7
127	7.8	6.2	9.4



#48
Methyl methacrylate
Concen: 51.081 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion:	41	Resp:	47968
Ion	Ratio	Lower	Upper
41	100		
69	88.0	67.8	101.8
39	73.7	55.0	82.4

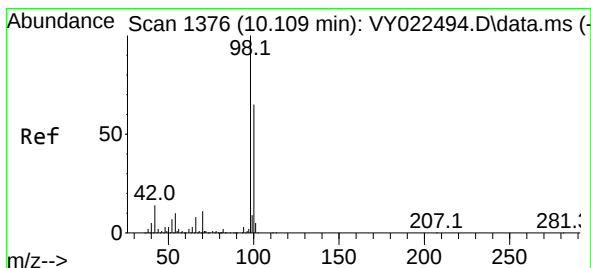
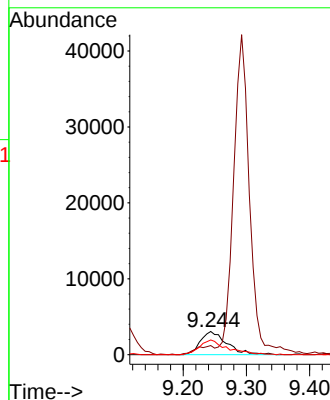
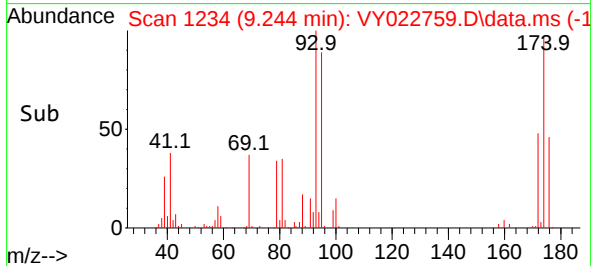
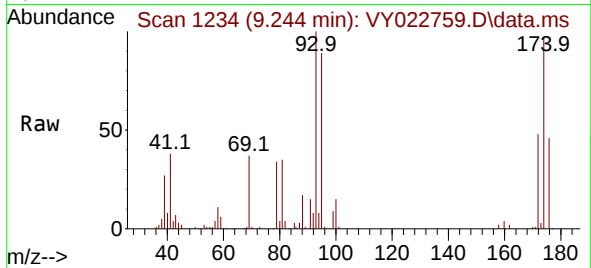




#49
1,4-Dioxane
Concen: 921.671 ug/l
RT: 9.244 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

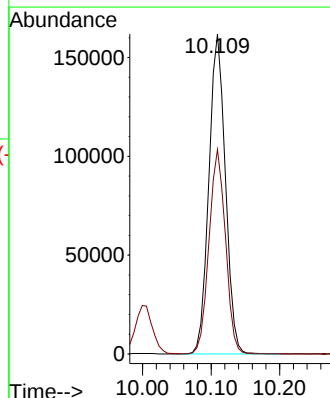
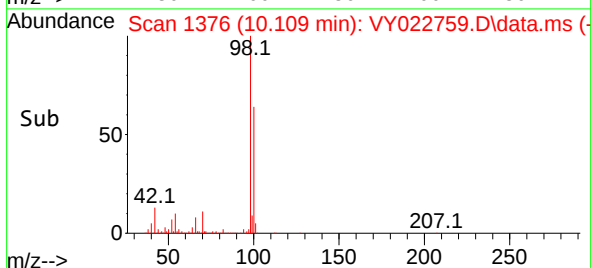
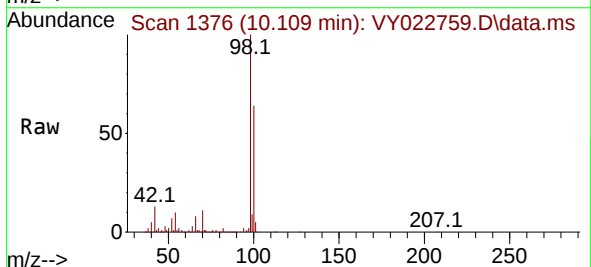
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

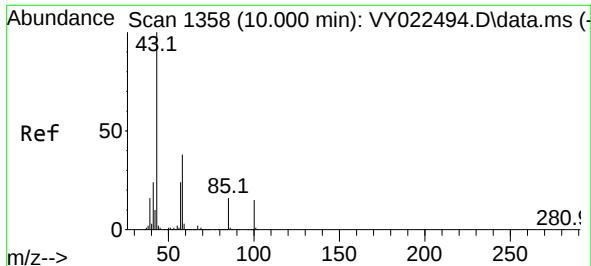
Tgt Ion: 88 Resp: 8908
Ion Ratio Lower Upper
88 100
43 27.3 25.4 38.2
58 64.7 54.9 82.3



#50
Toluene-d8
Concen: 52.424 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 98 Resp: 271137
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0

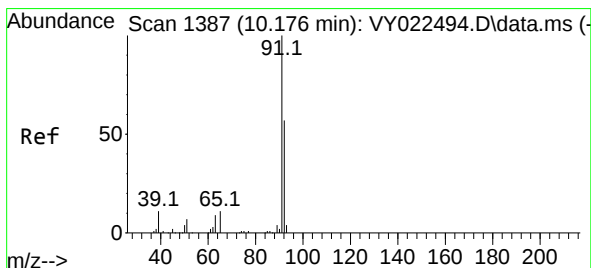
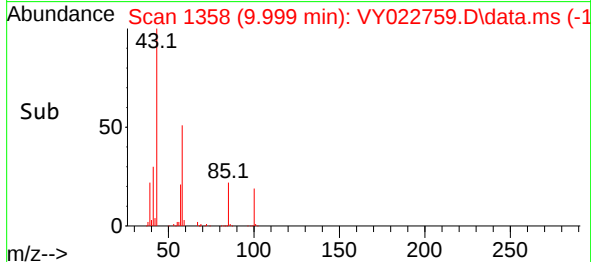
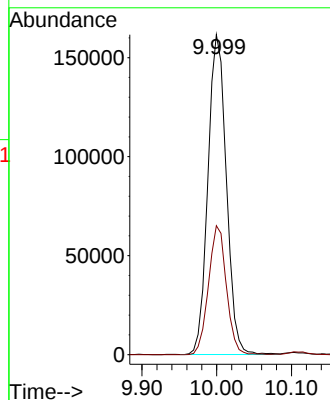
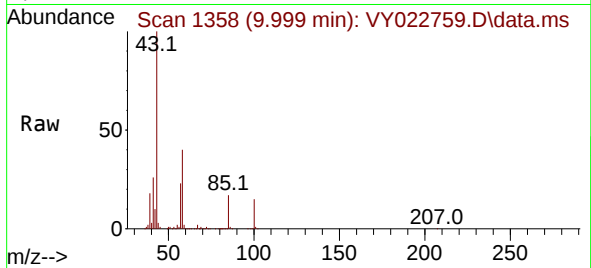




#51
4-Methyl-2-Pentanone
Concen: 276.913 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

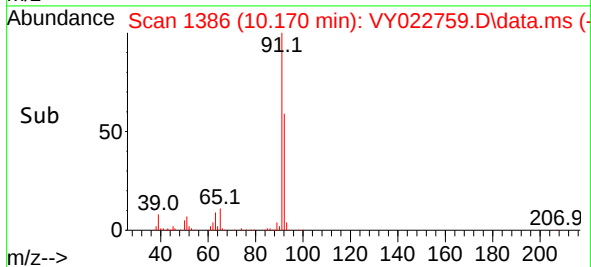
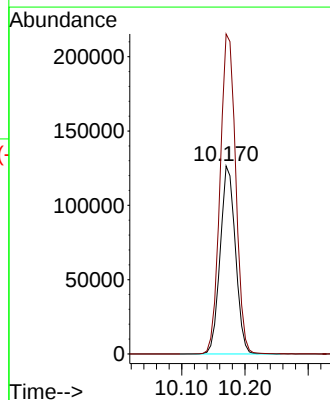
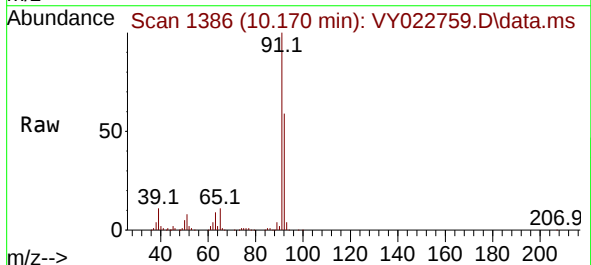
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

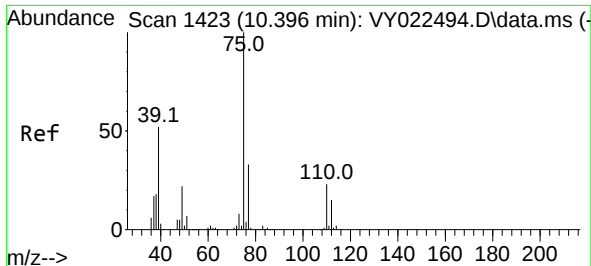
Tgt Ion: 43 Resp: 276238
Ion Ratio Lower Upper
43 100
58 39.2 30.4 45.6



#52
Toluene
Concen: 54.672 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 92 Resp: 210816
Ion Ratio Lower Upper
92 100
91 175.1 139.0 208.4

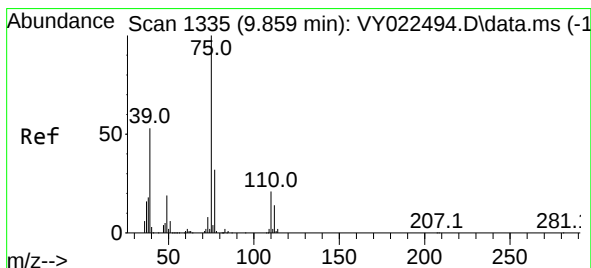
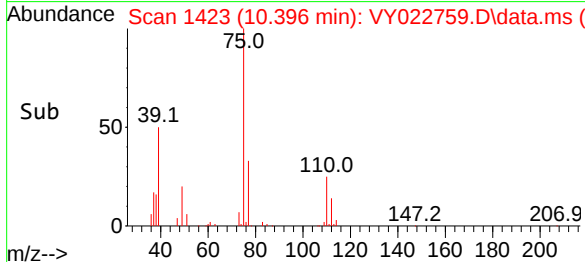
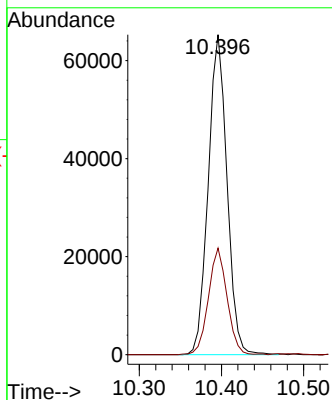
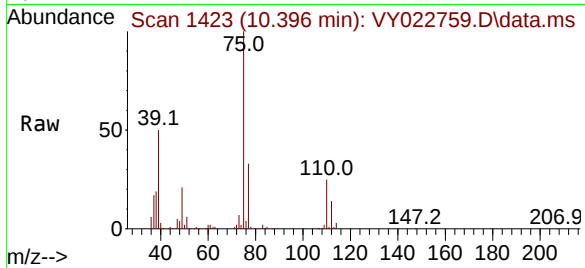




#53
 t-1,3-Dichloropropene
 Concen: 53.430 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. -0.000 min
 Lab File: VY022759.D
 Acq: 20 Jun 2025 11:43

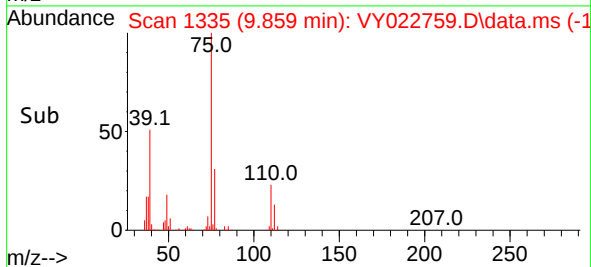
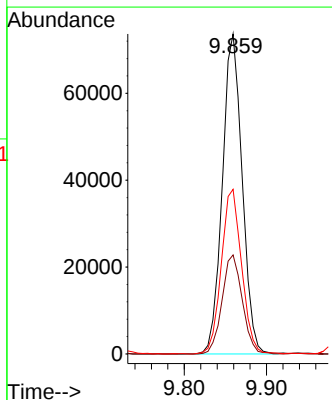
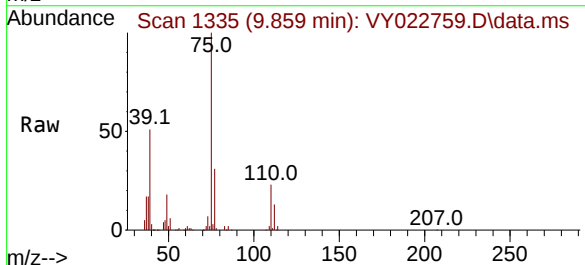
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

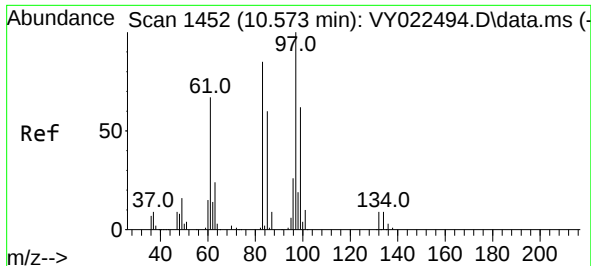
Tgt Ion: 75 Resp: 103559
 Ion Ratio Lower Upper
 75 100
 77 33.3 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 54.689 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. -0.000 min
 Lab File: VY022759.D
 Acq: 20 Jun 2025 11:43

Tgt Ion: 75 Resp: 123390
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.3 37.9
 39 51.4 42.7 64.1

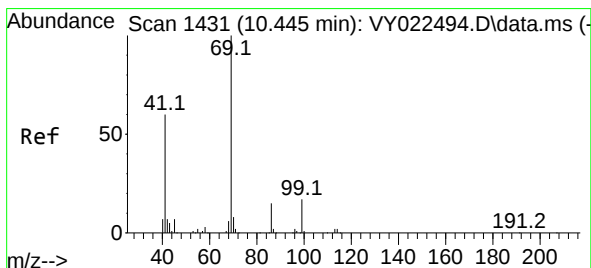
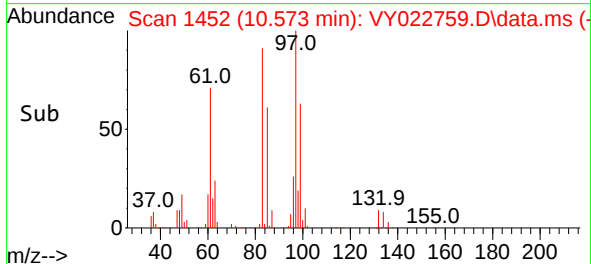
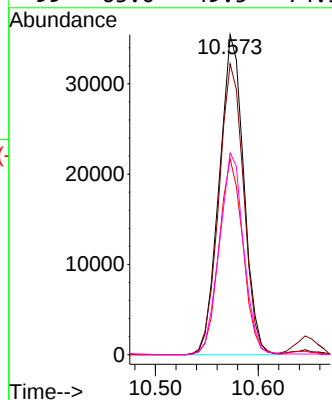
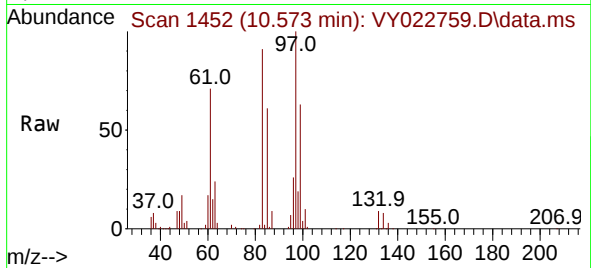




#55
1,1,2-Trichloroethane
Concen: 56.296 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

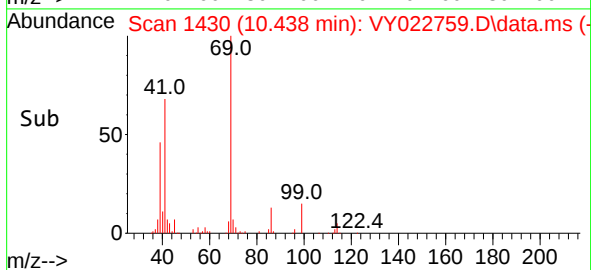
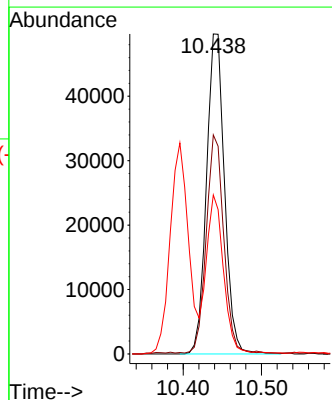
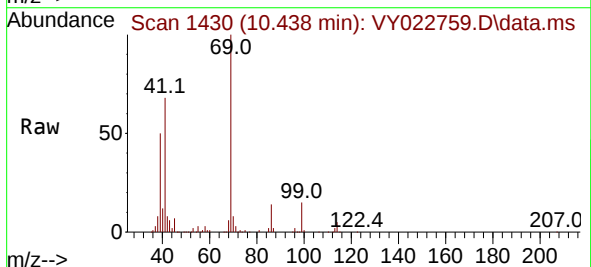
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

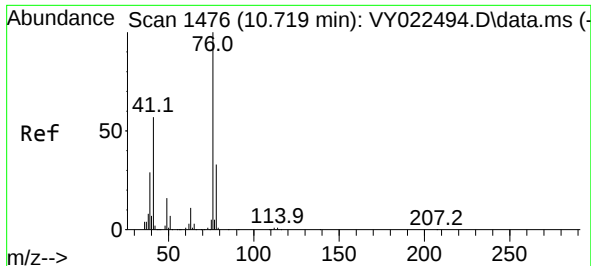
Tgt Ion: 97	Resp: 58563
Ion Ratio	Lower Upper
97 100	
83 90.9	68.1 102.1
85 61.2	48.2 72.2
99 63.0	49.5 74.3



#56
Ethyl methacrylate
Concen: 52.650 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 69	Resp: 79161
Ion Ratio	Lower Upper
69 100	
41 65.8	52.2 78.2
39 47.0	36.7 55.1





#57

1,3-Dichloropropane

Concen: 56.094 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

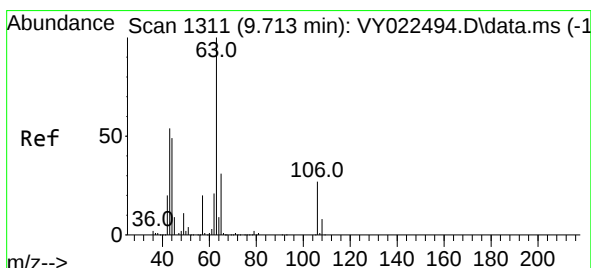
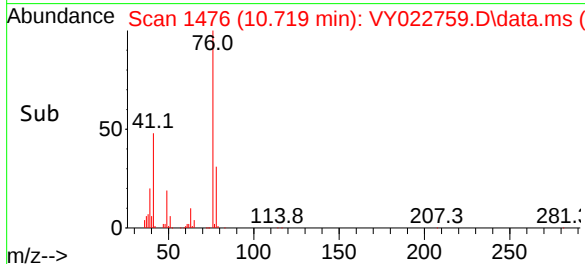
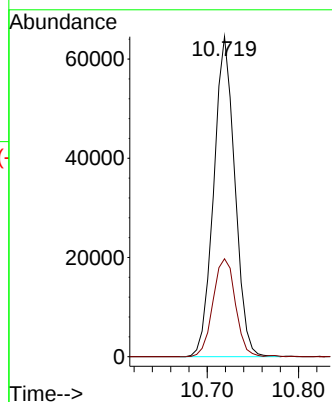
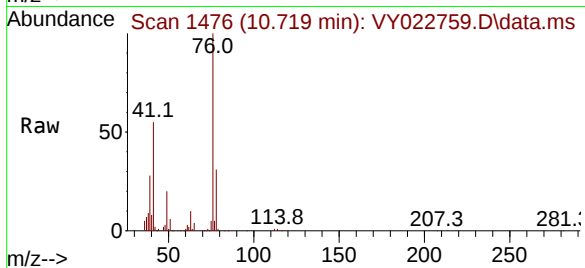
VSTDCCC050

Tgt Ion: 76 Resp: 103425

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 257.858 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022759.D

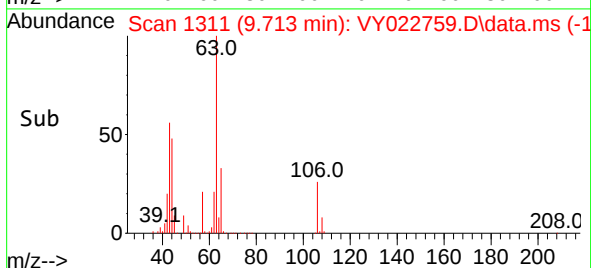
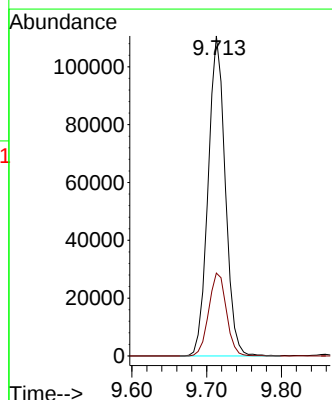
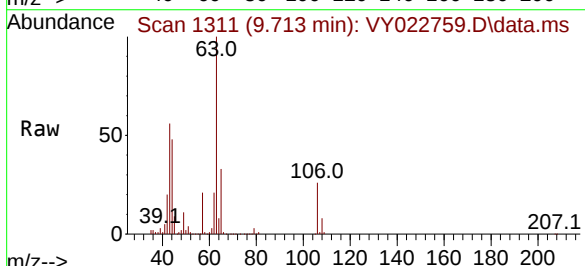
Acq: 20 Jun 2025 11:43

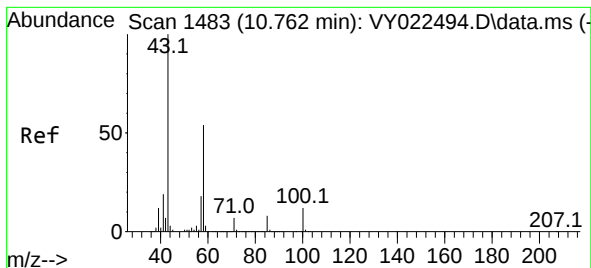
Tgt Ion: 63 Resp: 176024

Ion Ratio Lower Upper

63 100

106 26.7 21.6 32.4

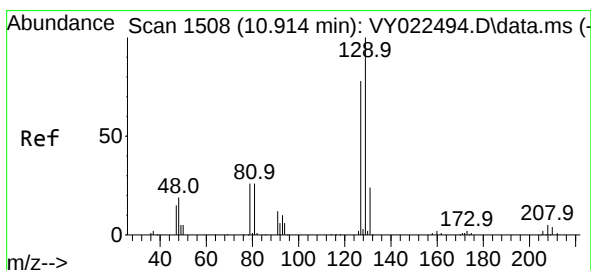
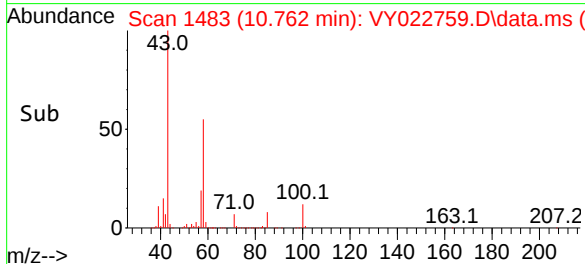
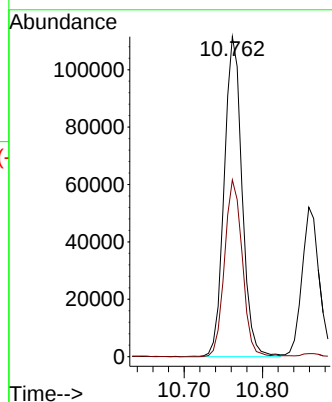
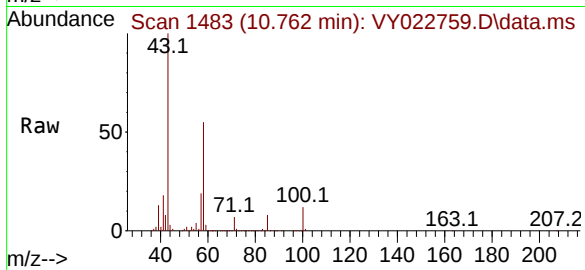




#59
2-Hexanone
Concen: 265.168 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

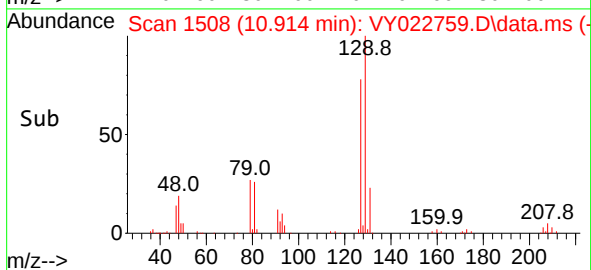
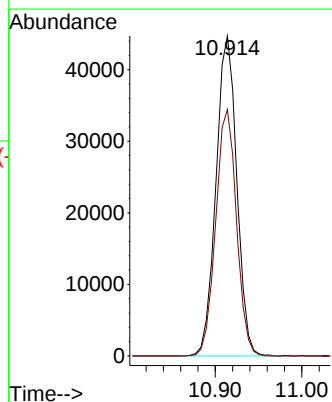
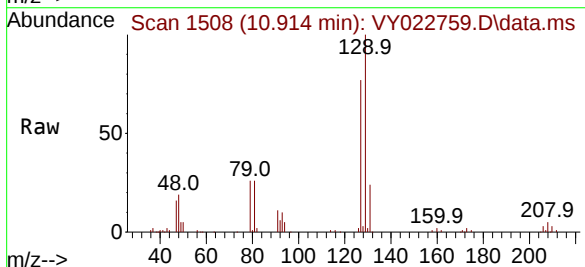
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

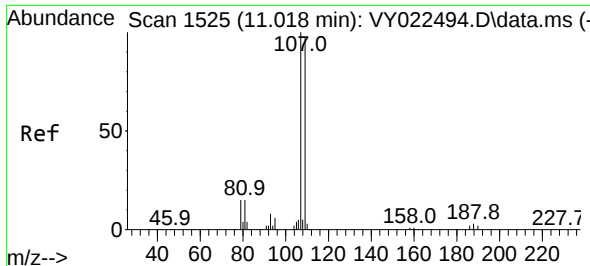
Tgt Ion: 43 Resp: 176910
Ion Ratio Lower Upper
43 100
58 55.1 27.3 81.8



#60
Dibromochloromethane
Concen: 56.346 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion:129 Resp: 74490
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2

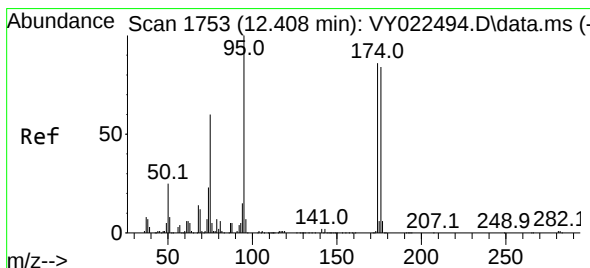
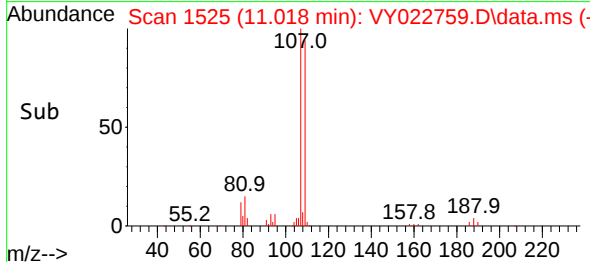
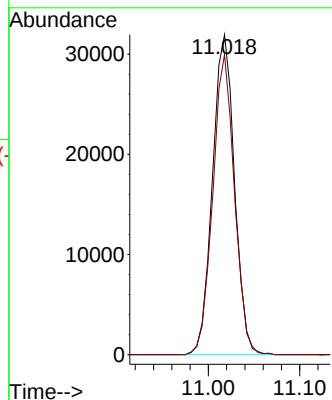
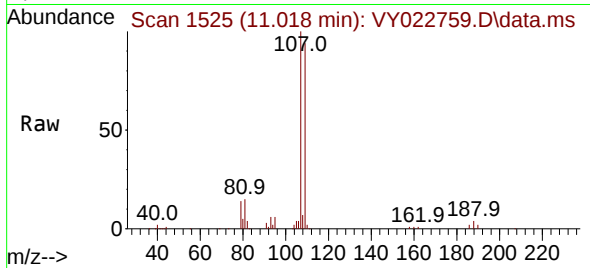




#61
1,2-Dibromoethane
Concen: 56.260 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

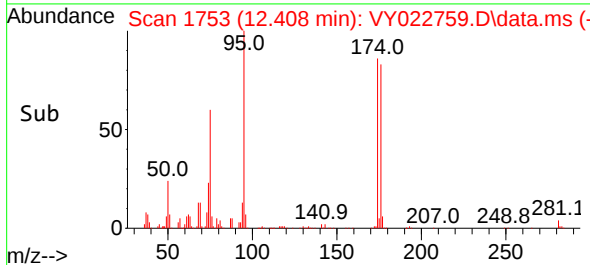
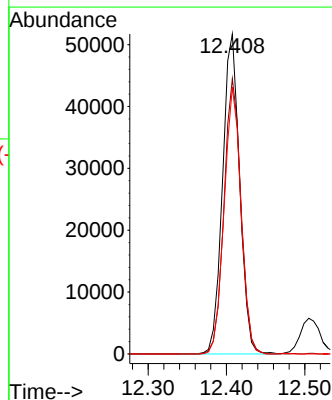
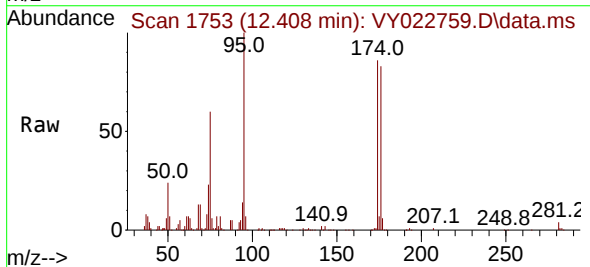
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

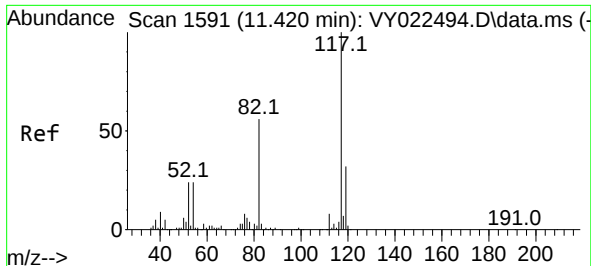
Tgt Ion:107 Resp: 53343
Ion Ratio Lower Upper
107 100
109 92.3 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 50.906 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 95 Resp: 78446
Ion Ratio Lower Upper
95 100
174 85.3 0.0 170.0
176 82.6 0.0 166.2

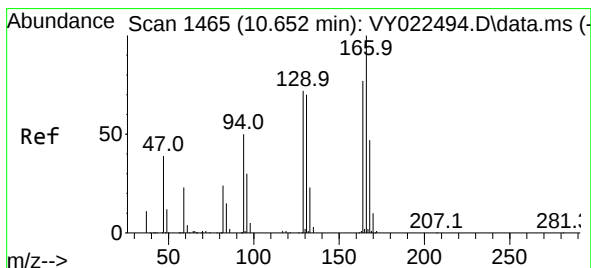
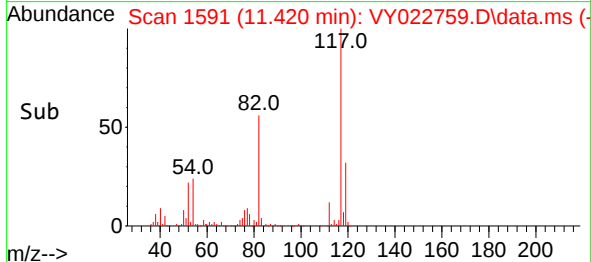
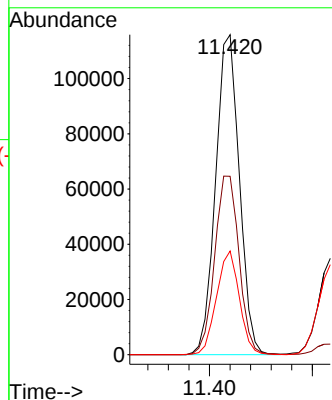
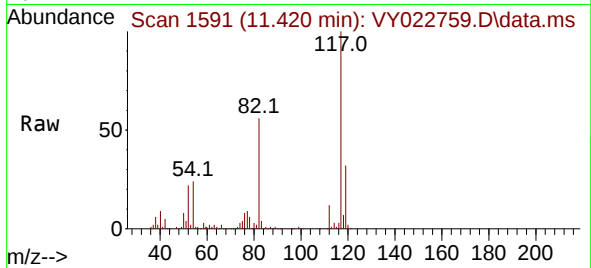




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

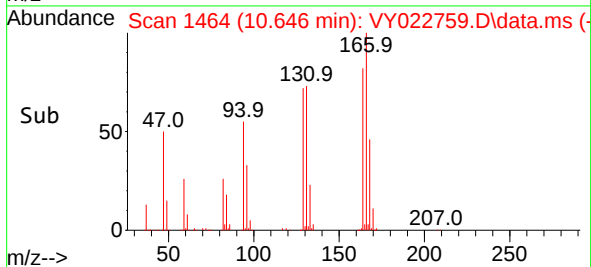
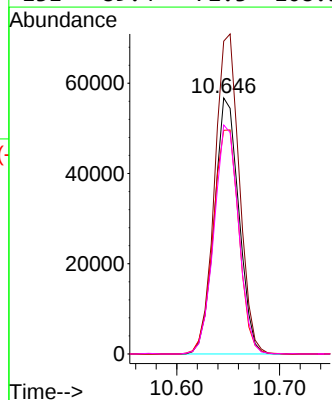
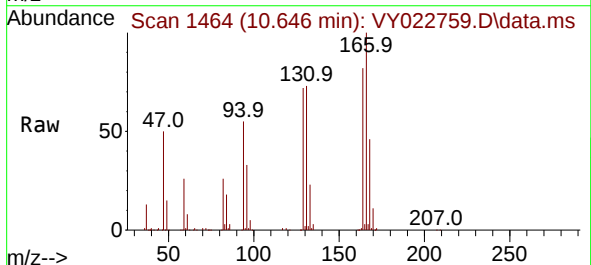
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

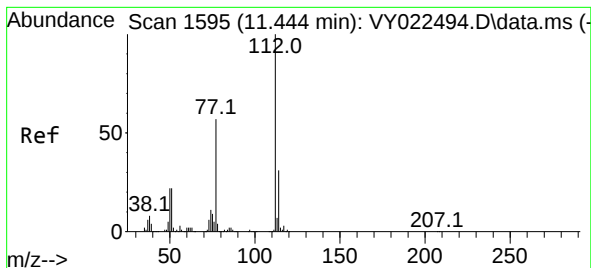
Tgt Ion:117 Resp: 185838
Ion Ratio Lower Upper
117 100
82 55.7 44.6 66.8
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 58.691 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion:164 Resp: 93823
Ion Ratio Lower Upper
164 100
166 122.2 104.0 156.0
129 87.4 74.5 111.7
131 89.4 72.3 108.5





#65

Chlorobenzene

Concen: 54.114 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. -0.000 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

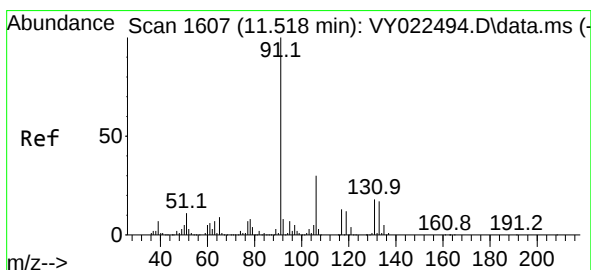
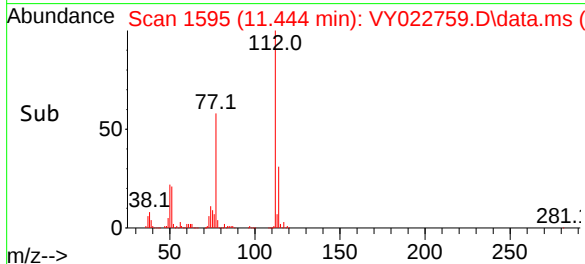
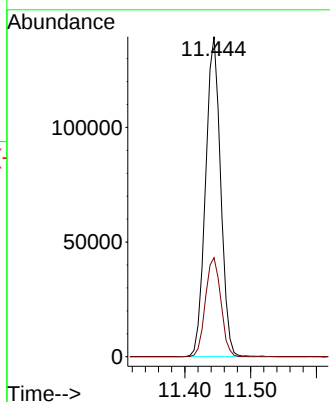
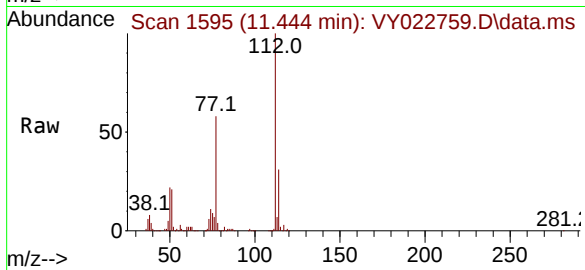
VSTDCCC050

Tgt Ion:112 Resp: 222536

Ion Ratio Lower Upper

112 100

114 30.9 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 55.341 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

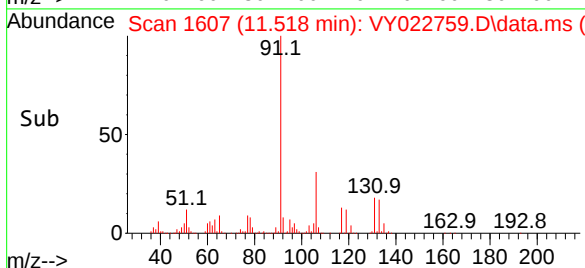
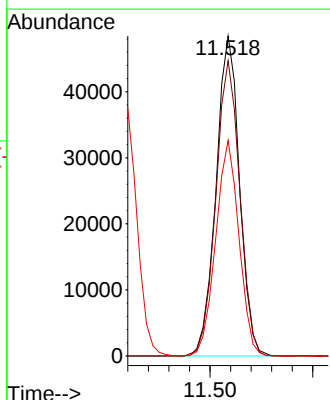
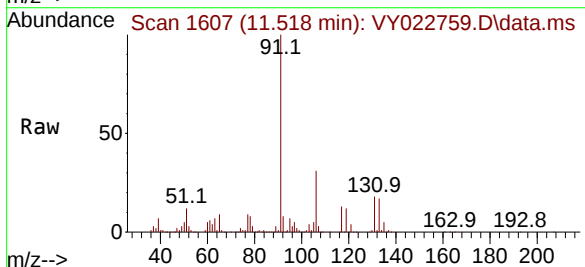
Tgt Ion:131 Resp: 76667

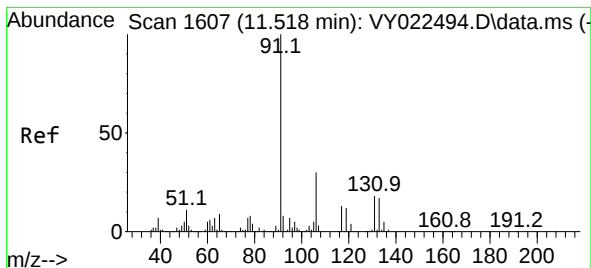
Ion Ratio Lower Upper

131 100

133 94.2 47.3 141.8

119 66.8 33.1 99.3

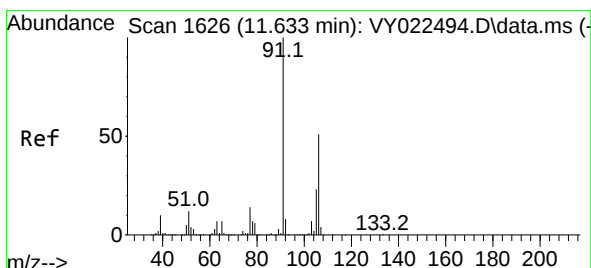
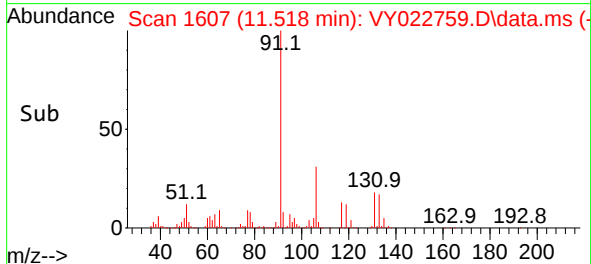
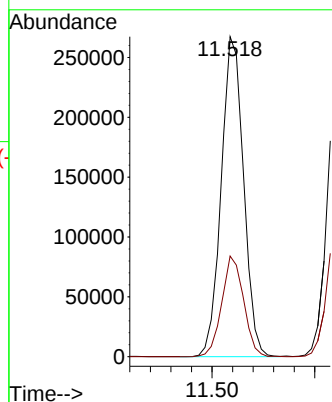
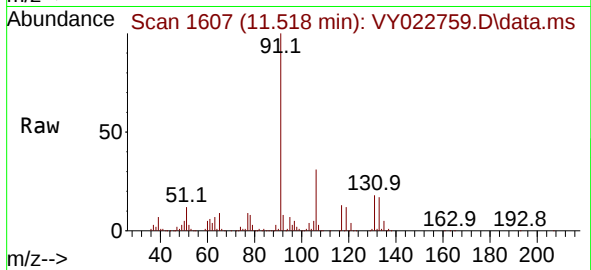




#67
Ethyl Benzene
Concen: 52.869 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

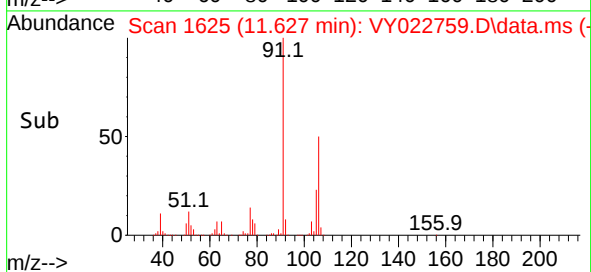
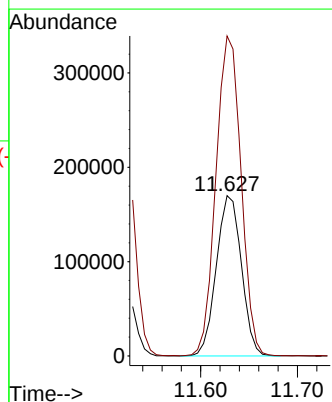
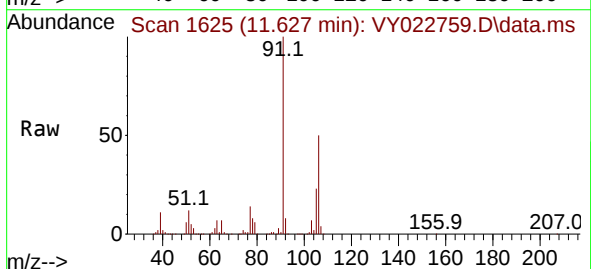
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

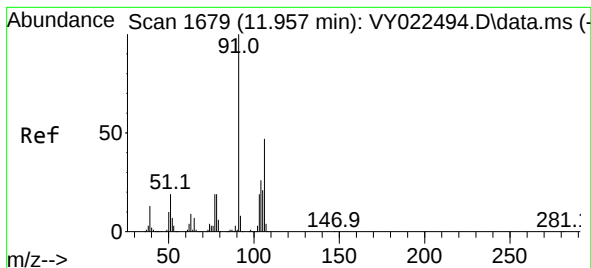
Tgt Ion: 91 Resp: 403261
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.4



#68
m/p-Xylenes
Concen: 105.752 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 106 Resp: 305785
Ion Ratio Lower Upper
106 100
91 200.3 159.4 239.0

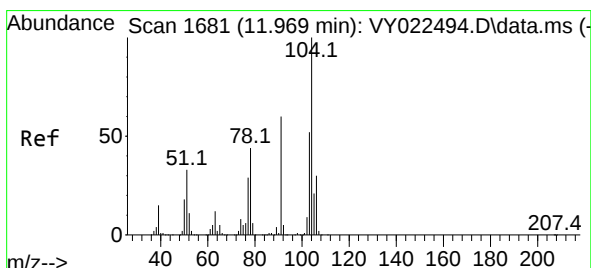
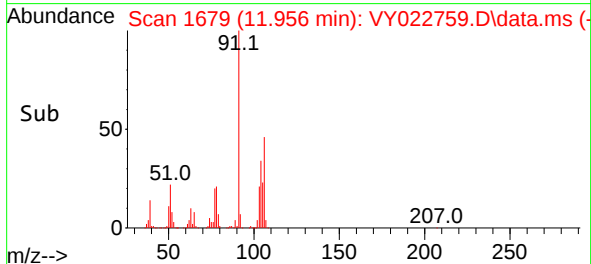
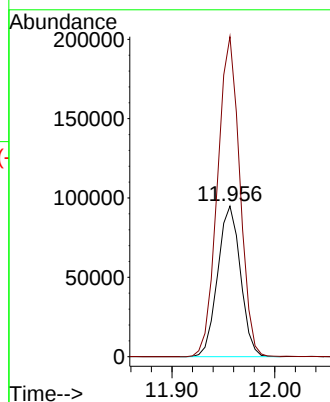
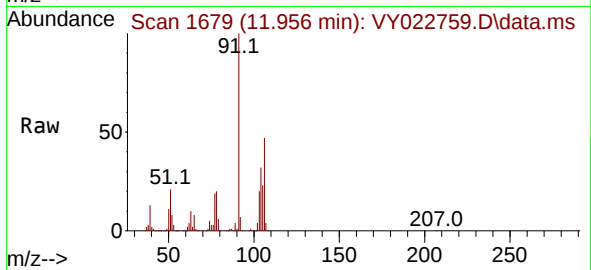




#69
o-Xylene
Concen: 53.816 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

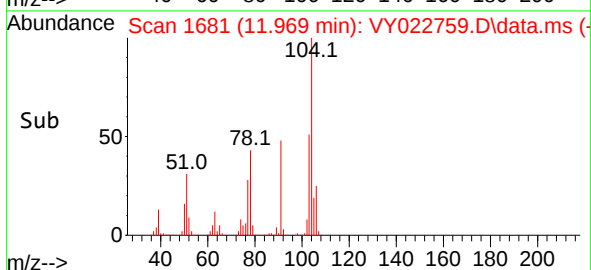
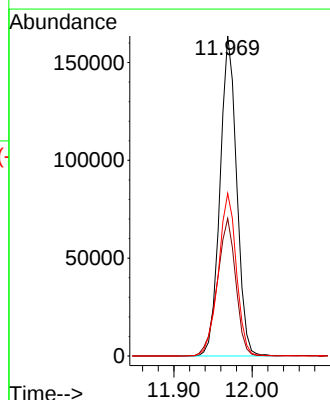
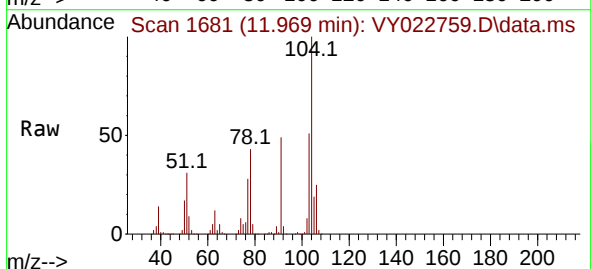
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

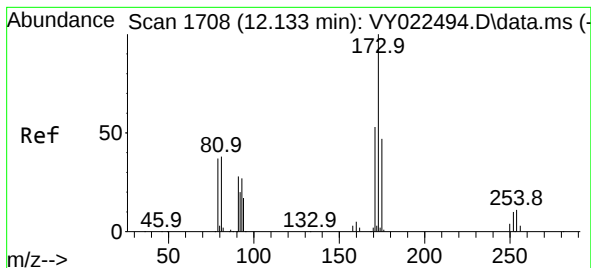
Tgt Ion:106 Resp: 145896
Ion Ratio Lower Upper
106 100
91 208.4 105.8 317.3



#70
Styrene
Concen: 54.203 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion:104 Resp: 242896
Ion Ratio Lower Upper
104 100
78 47.5 39.5 59.3
103 54.8 44.1 66.1





#71

Bromoform

Concen: 53.281 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

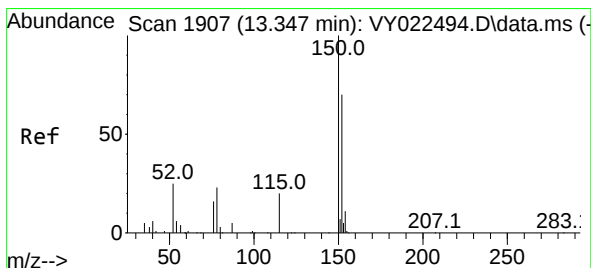
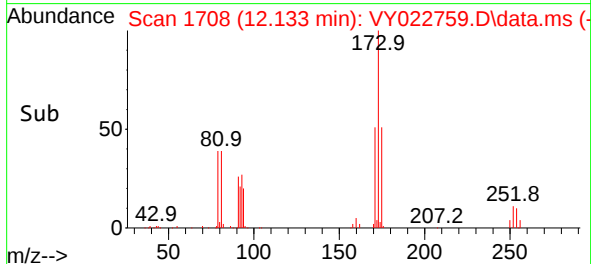
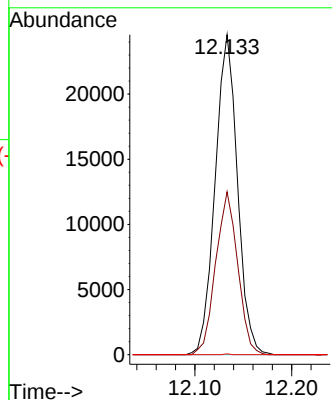
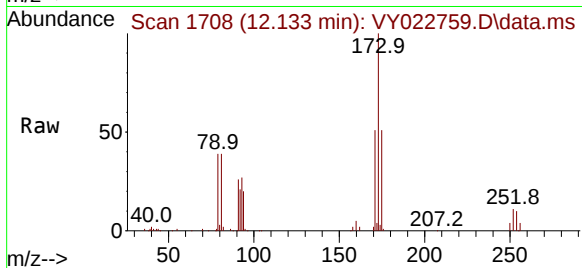
Tgt Ion:173 Resp: 39279

Ion Ratio Lower Upper

173 100

175 50.2 23.8 71.5

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

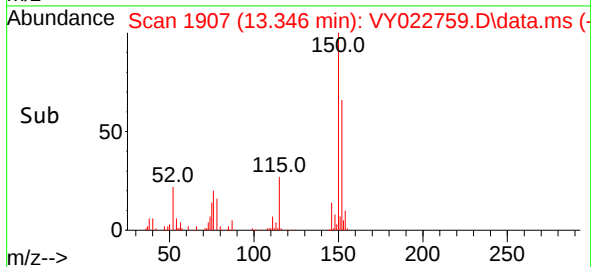
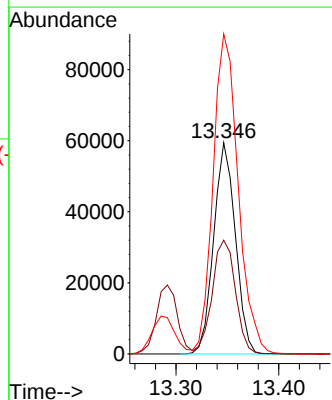
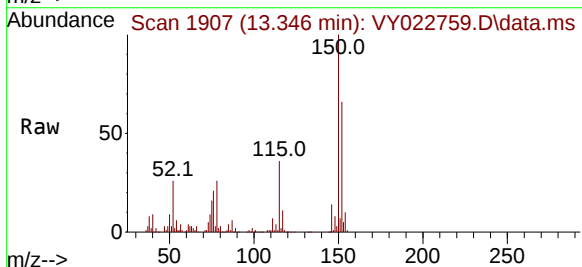
Tgt Ion:152 Resp: 86968

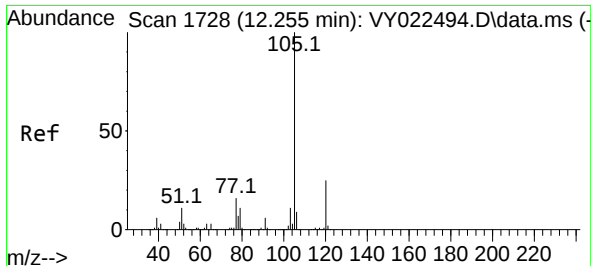
Ion Ratio Lower Upper

152 100

115 57.3 28.9 86.7

150 175.3 0.0 349.6

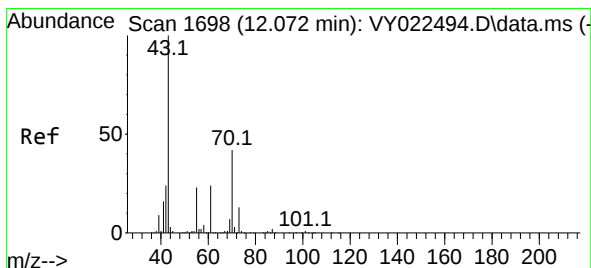
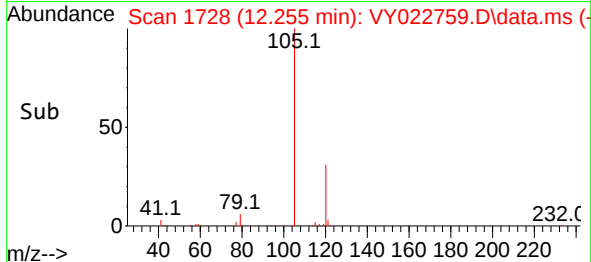
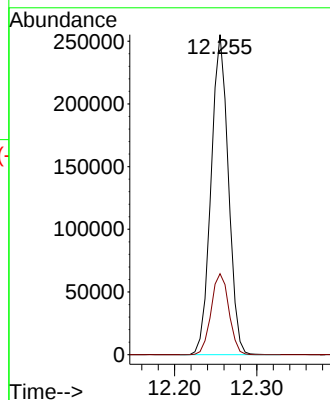
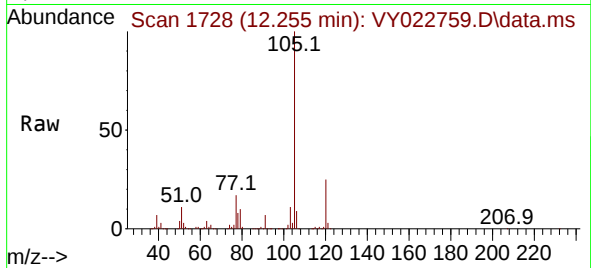




#73
Isopropylbenzene
Concen: 52.154 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

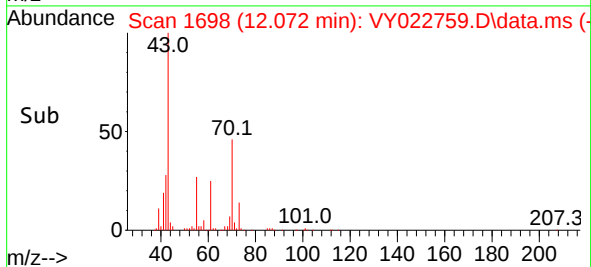
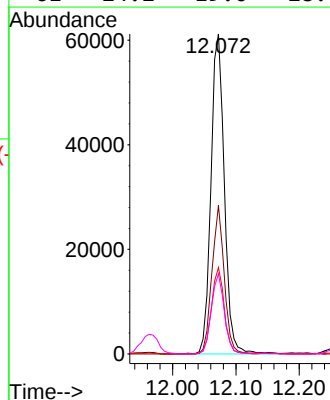
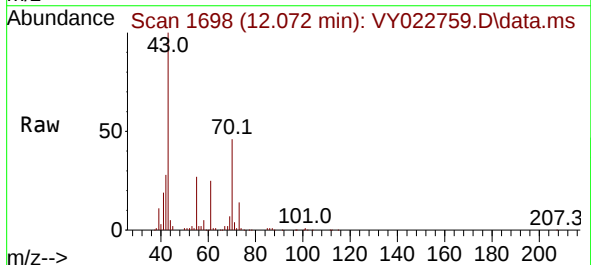
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

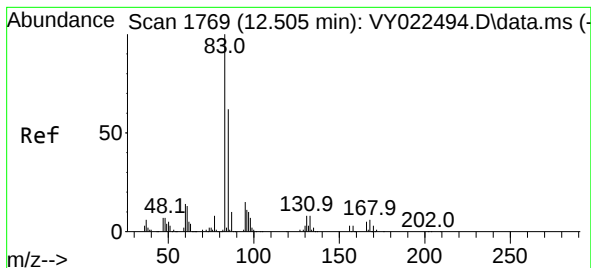
Tgt Ion:105 Resp: 372381
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 50.099 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 43 Resp: 90257
Ion Ratio Lower Upper
43 100
70 42.6 34.2 51.2
55 25.8 18.2 27.4
61 24.2 19.0 28.6

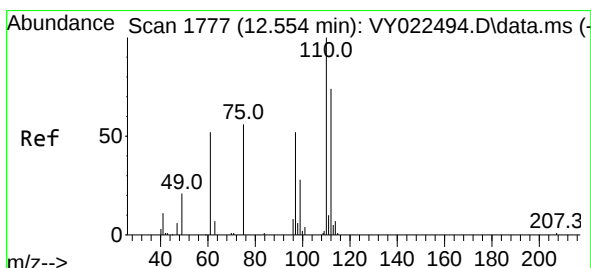
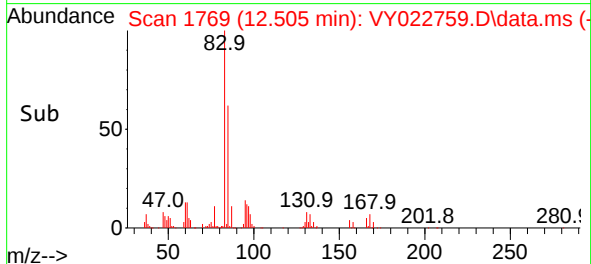
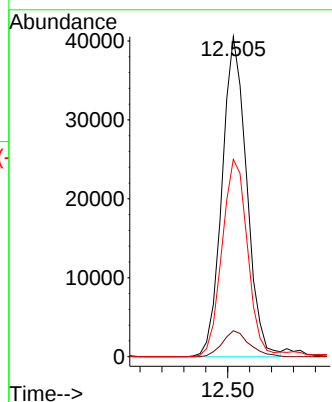
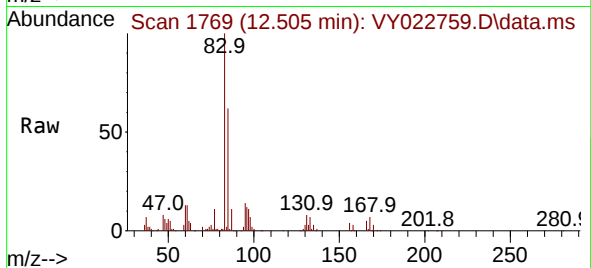




#75
1,1,2,2-Tetrachloroethane
Concen: 53.948 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

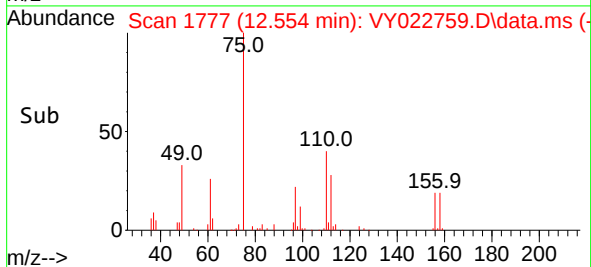
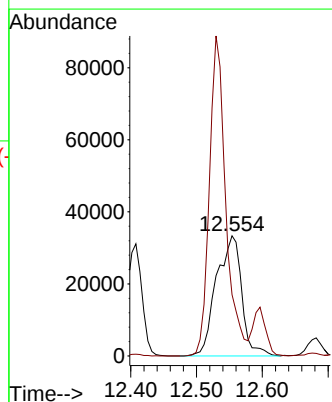
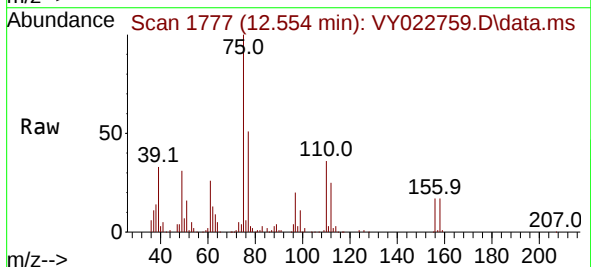
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

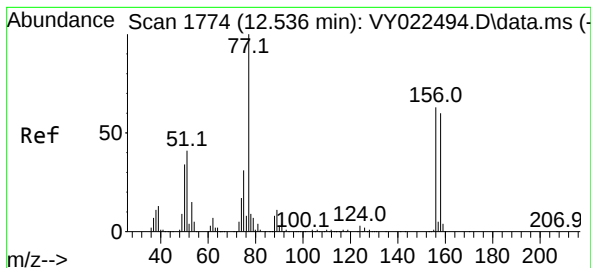
Tgt Ion: 83 Resp: 63220
Ion Ratio Lower Upper
83 100
131 8.8 4.9 14.7
85 64.2 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 89.900 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 75 Resp: 89446
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.730 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

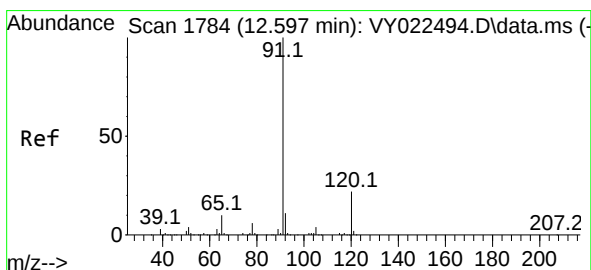
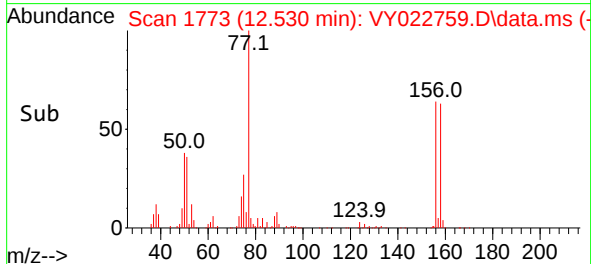
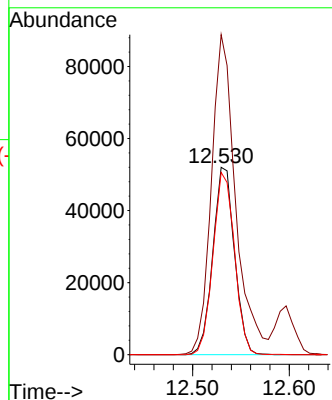
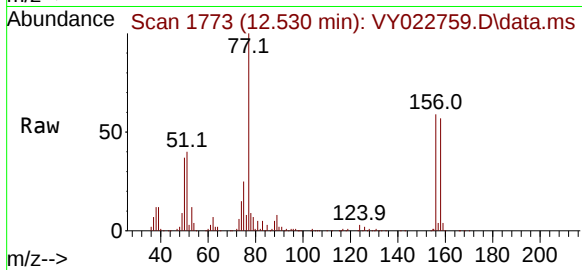
Tgt Ion:156 Resp: 80957

Ion Ratio Lower Upper

156 100

77 191.5 94.0 282.1

158 96.7 48.2 144.6



#78

n-propylbenzene

Concen: 52.597 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY022759.D

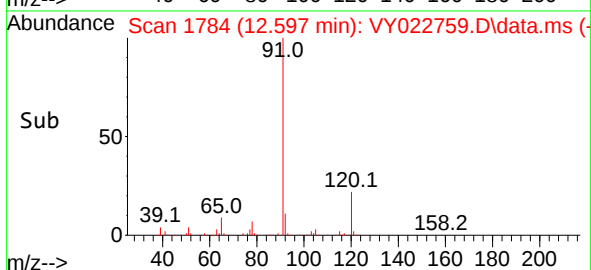
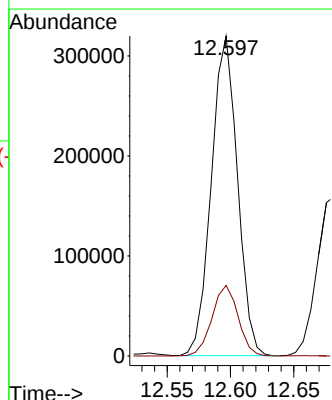
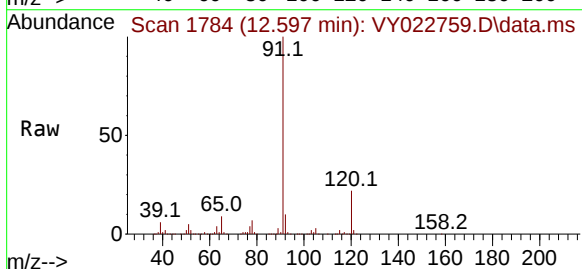
Acq: 20 Jun 2025 11:43

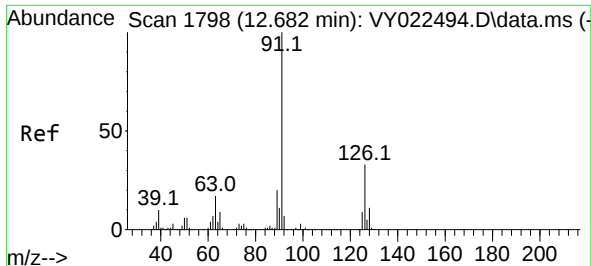
Tgt Ion: 91 Resp: 458691

Ion Ratio Lower Upper

91 100

120 22.0 10.8 32.4

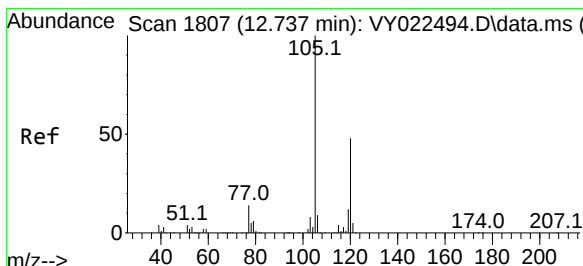
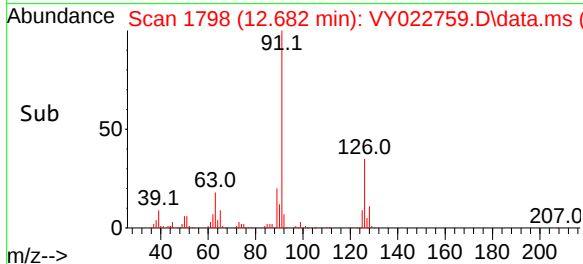
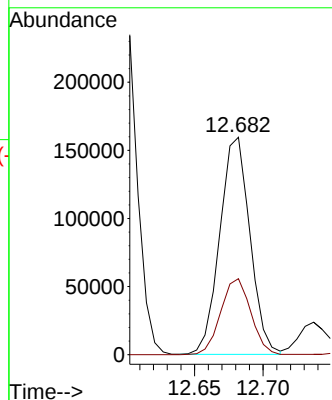
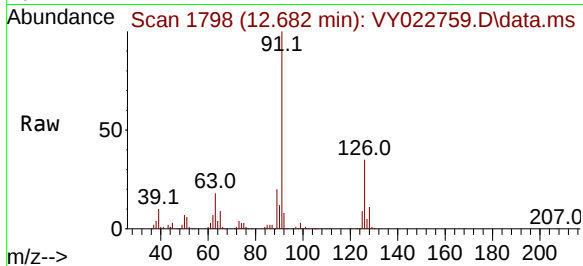




#79
2-Chlorotoluene
Concen: 52.894 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

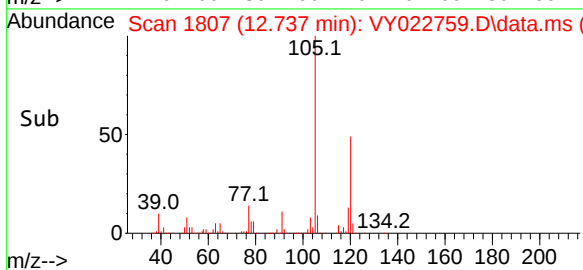
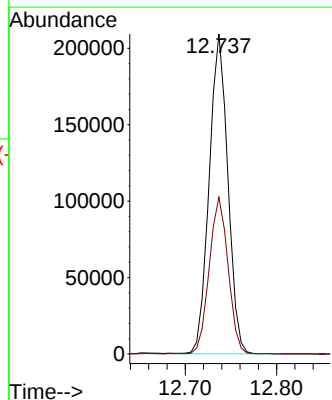
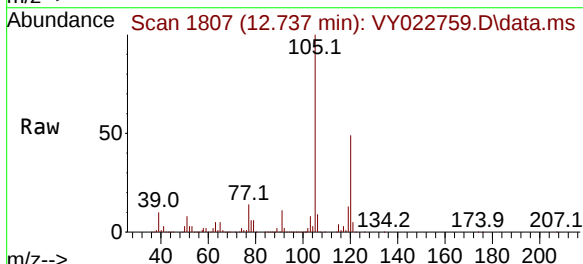
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

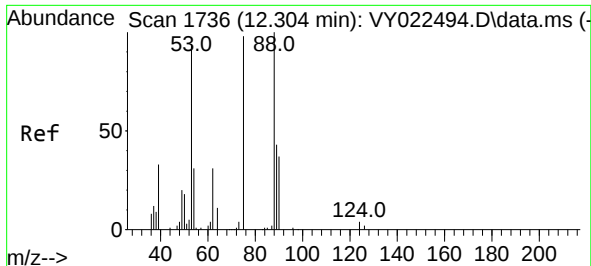
Tgt Ion: 91 Resp: 244480
Ion Ratio Lower Upper
91 100
126 34.9 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 52.791 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 105 Resp: 295925
Ion Ratio Lower Upper
105 100
120 49.7 24.1 72.4

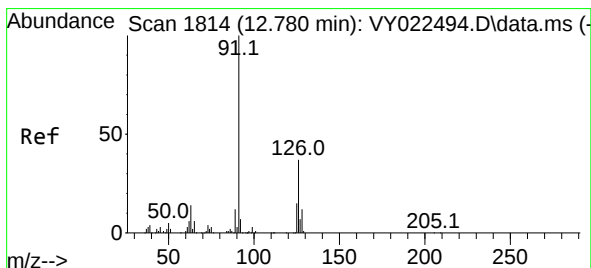
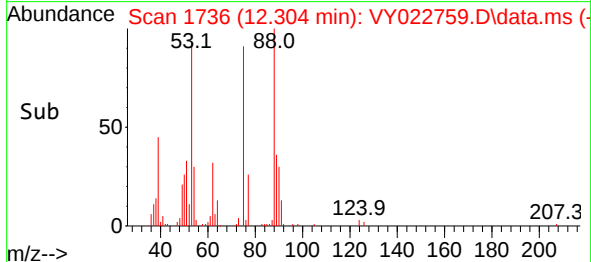
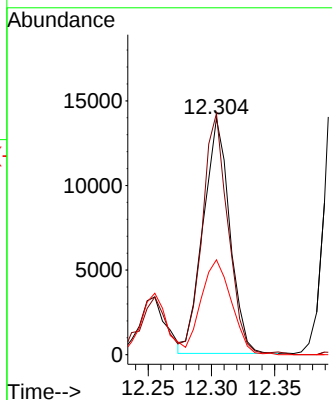
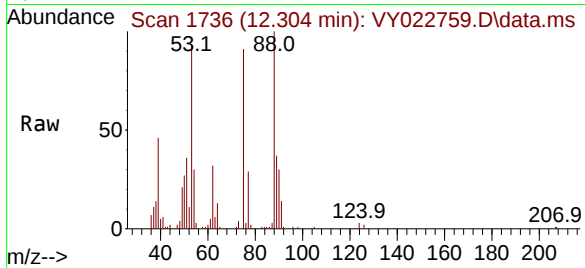




#81
trans-1,4-Dichloro-2-butene
Concen: 49.306 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

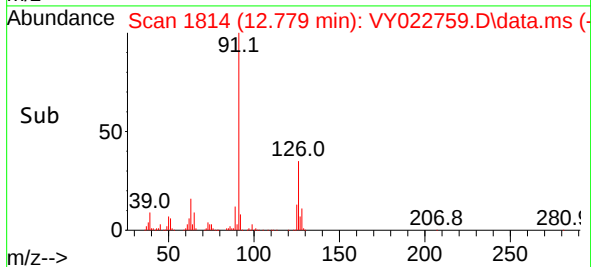
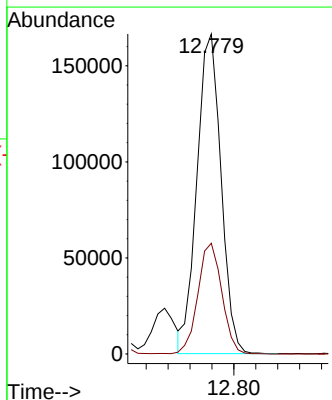
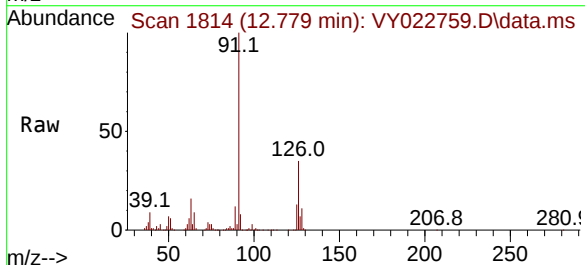
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

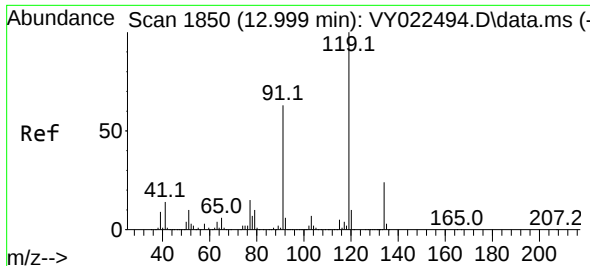
Tgt Ion: 75 Resp: 20314
Ion Ratio Lower Upper
75 100
53 100.4 78.5 117.7
89 45.6 35.7 53.5



#82
4-Chlorotoluene
Concen: 53.107 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 91 Resp: 253223
Ion Ratio Lower Upper
91 100
126 34.5 17.0 50.9

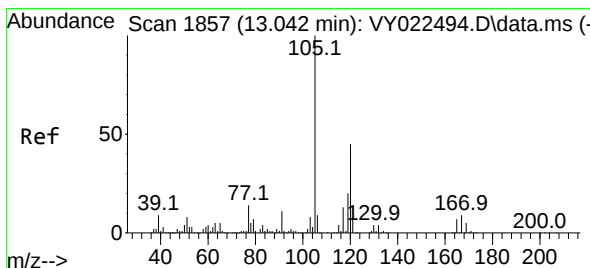
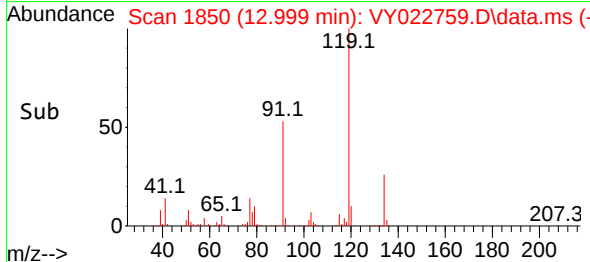
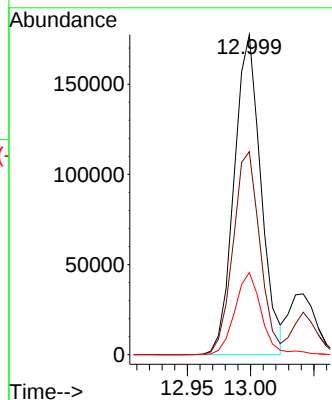
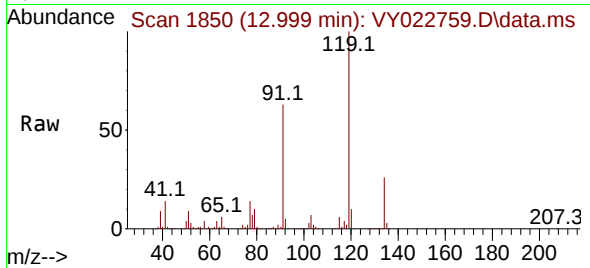




#83
 tert-Butylbenzene
 Concen: 52.113 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VY022759.D
 Acq: 20 Jun 2025 11:43

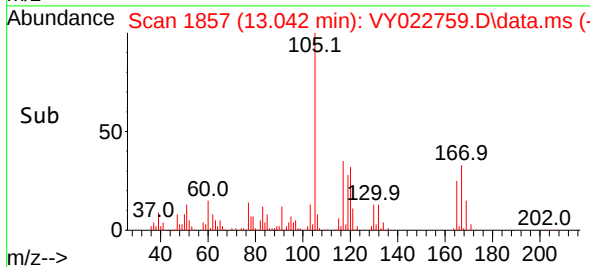
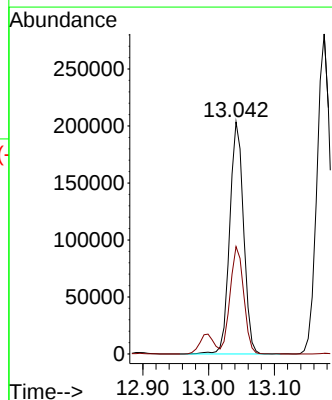
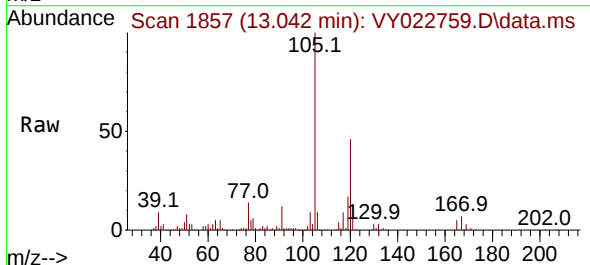
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

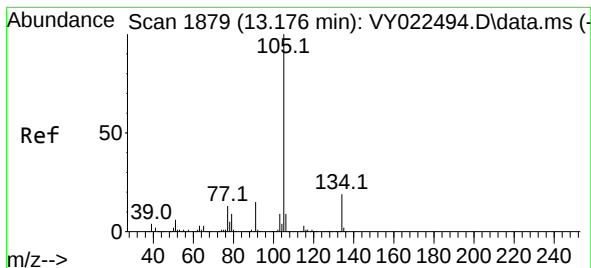
Tgt Ion:119 Resp: 262188
 Ion Ratio Lower Upper
 119 100
 91 63.7 32.1 96.3
 134 25.7 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 53.157 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY022759.D
 Acq: 20 Jun 2025 11:43

Tgt Ion:105 Resp: 298028
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 51.835 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

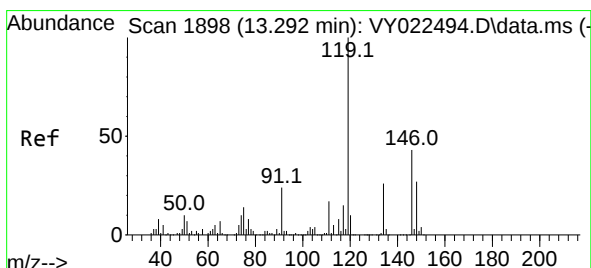
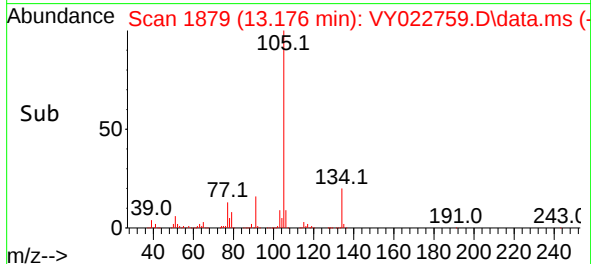
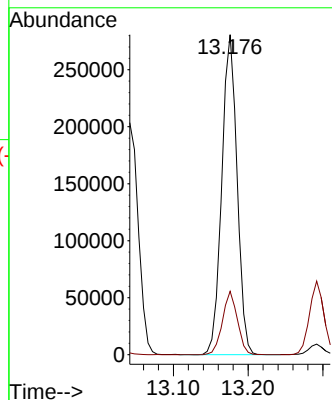
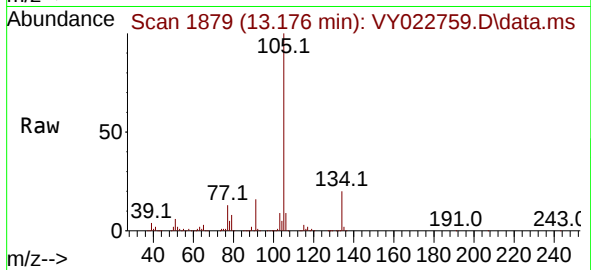
VSTDCCC050

Tgt Ion:105 Resp: 399404

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 52.850 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

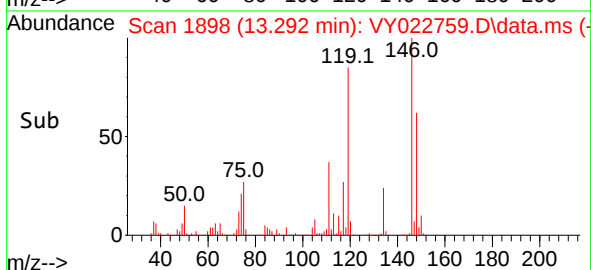
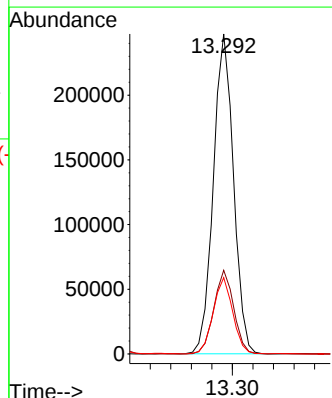
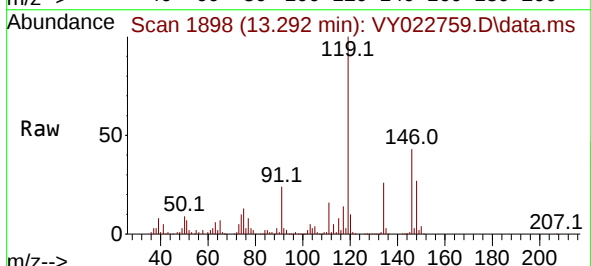
Tgt Ion:119 Resp: 335668

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 23.2 11.6 34.8

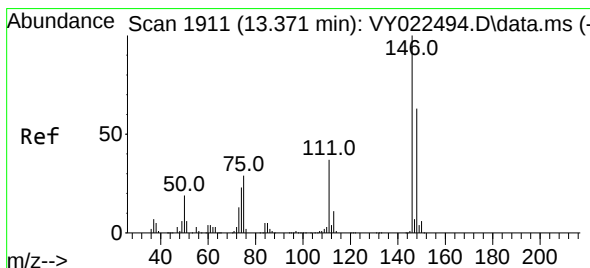
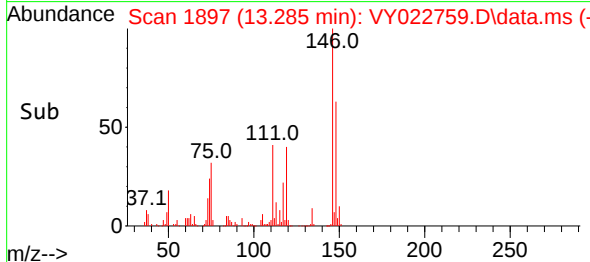
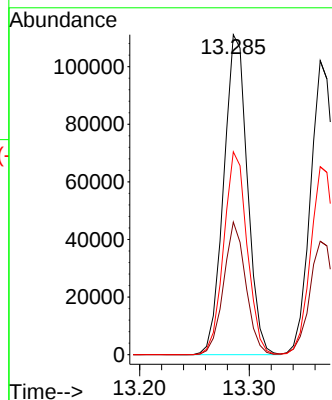
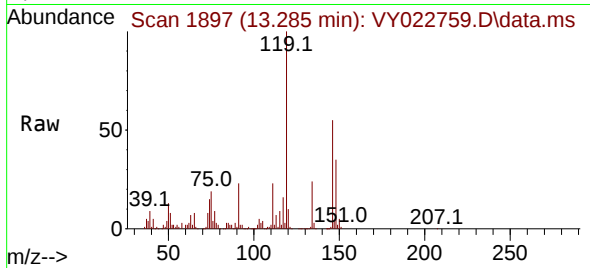




#87
 1,3-Dichlorobenzene
 Concen: 54.656 ug/l
 RT: 13.285 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY022759.D
 Acq: 20 Jun 2025 11:43

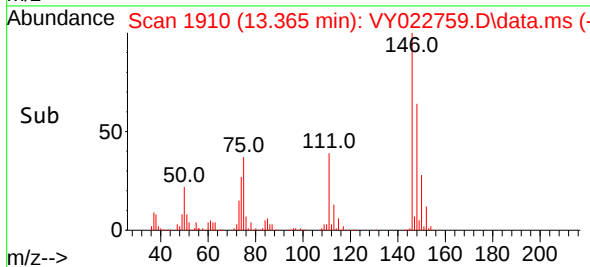
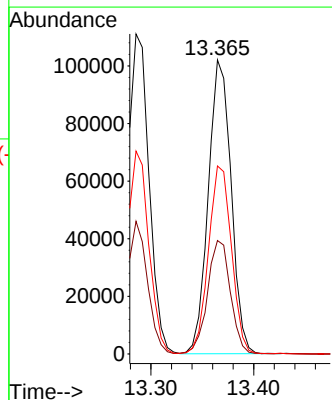
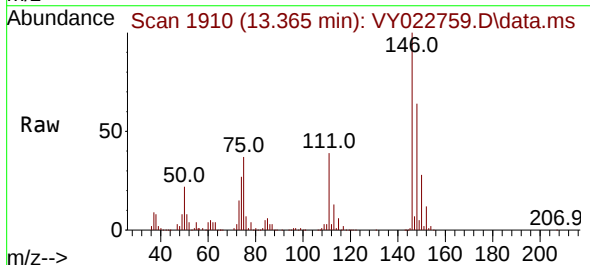
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

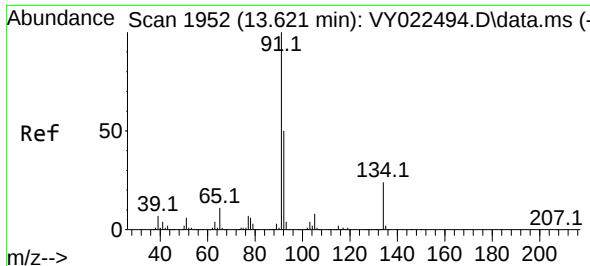
Tgt Ion:146 Resp: 166852
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.1 60.2
 148 62.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 53.109 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY022759.D
 Acq: 20 Jun 2025 11:43

Tgt Ion:146 Resp: 157250
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.2
 148 64.3 31.6 94.8

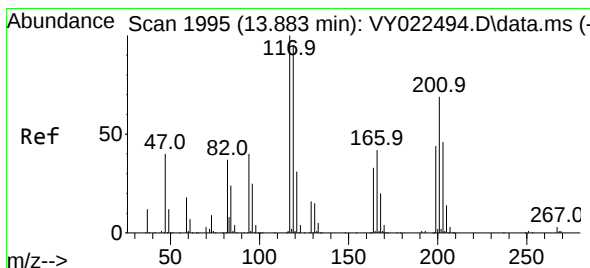
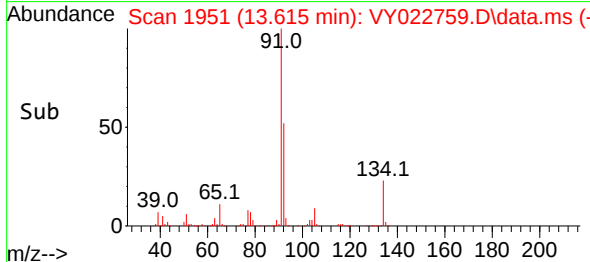
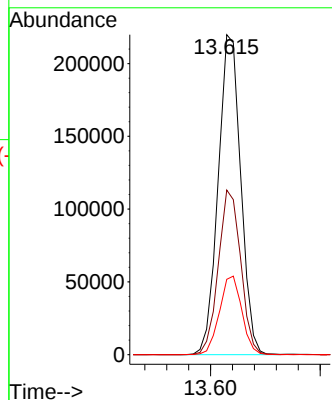
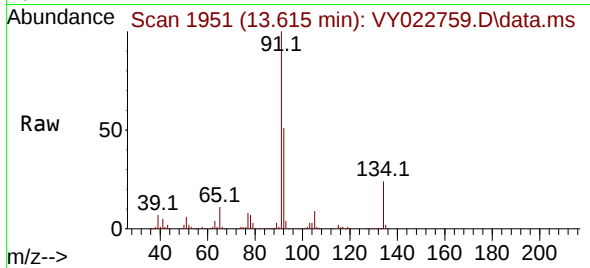




#89
n-Butylbenzene
Concen: 52.275 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

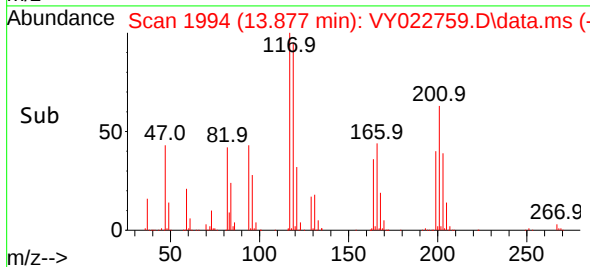
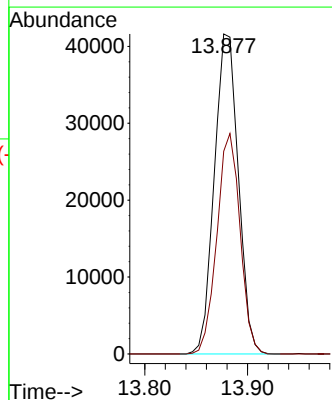
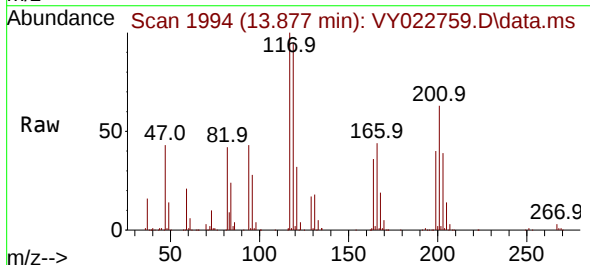
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 315006
Ion Ratio Lower Upper
91 100
92 51.1 25.9 77.8
134 24.4 12.0 36.1



#90
Hexachloroethane
Concen: 54.637 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 117 Resp: 67558
Ion Ratio Lower Upper
117 100
201 66.5 34.0 102.0

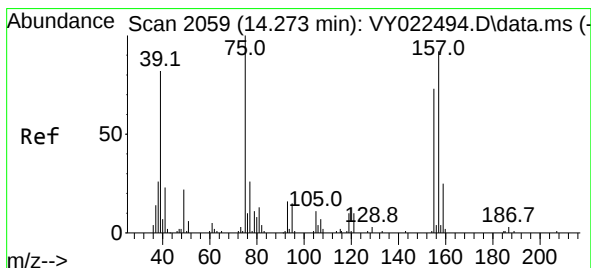
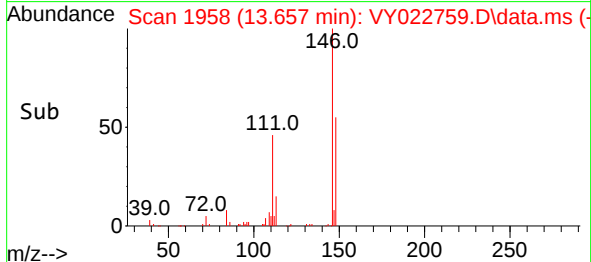
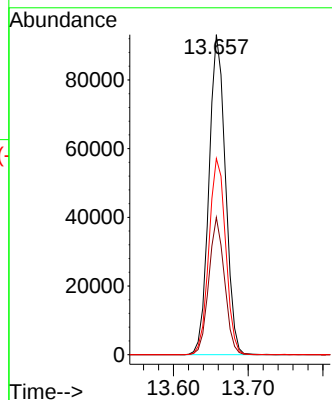
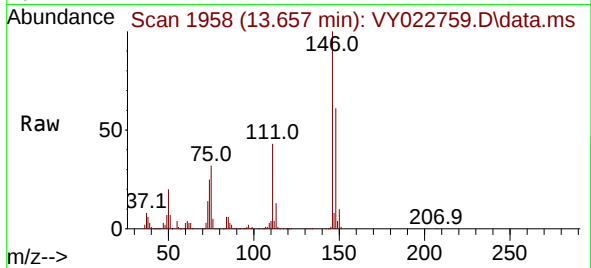




#91
1,2-Dichlorobenzene
Concen: 54.964 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

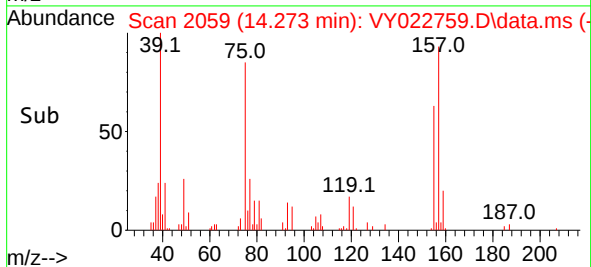
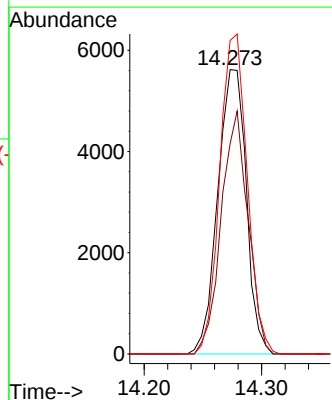
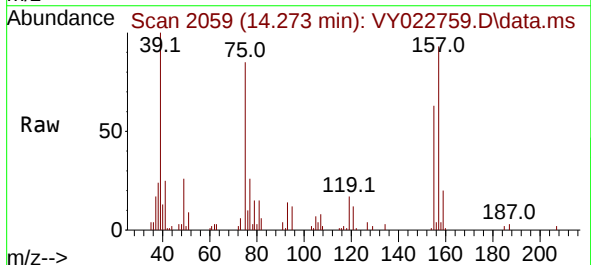
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MSVOA_Y
ClientSampleId :
VSTDCCC050

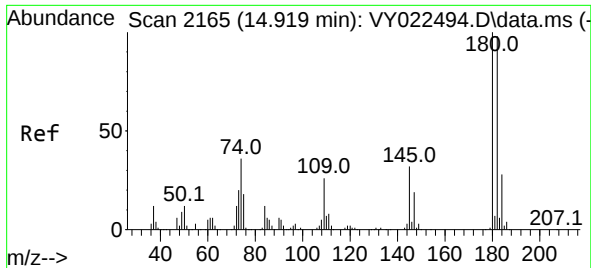
Tgt Ion:146 Resp: 142462
Ion Ratio Lower Upper
146 100
111 40.8 20.2 60.6
148 62.2 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.481 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion: 75 Resp: 9466
Ion Ratio Lower Upper
75 100
155 80.3 39.9 119.6
157 108.4 54.0 162.0

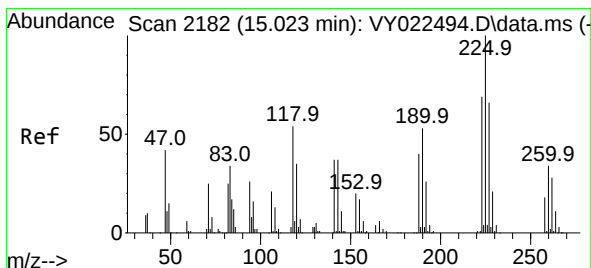
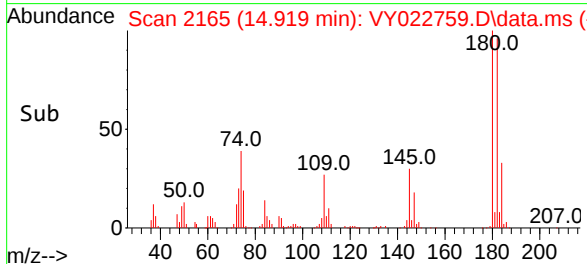
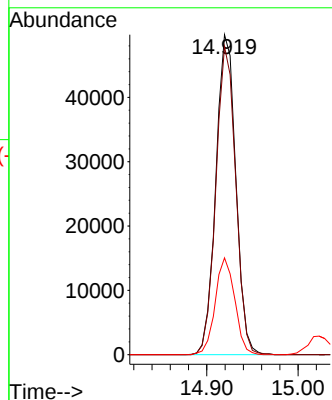
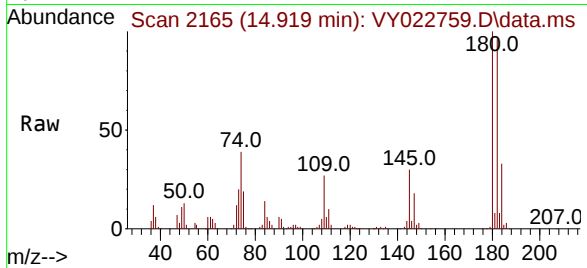




#93
1,2,4-Trichlorobenzene
Concen: 53.376 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

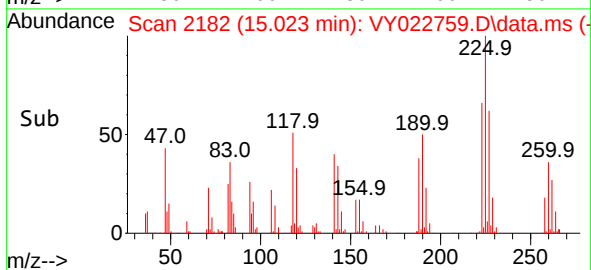
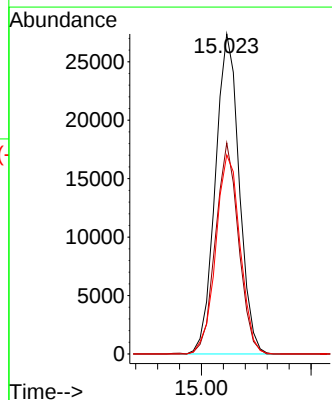
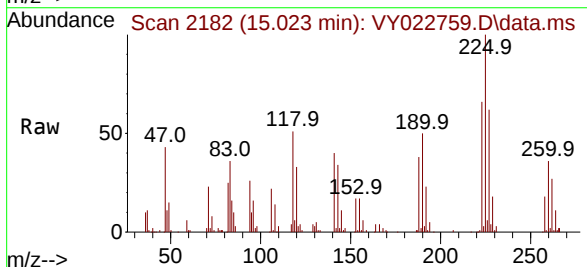
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

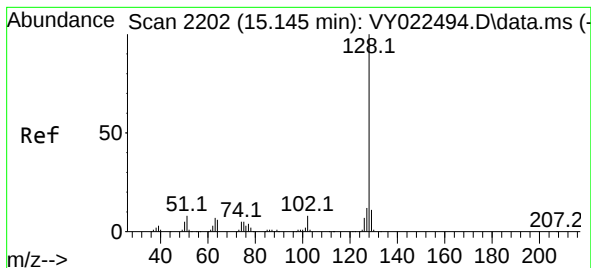
Tgt Ion:180 Resp: 75453
Ion Ratio Lower Upper
180 100
182 95.7 48.4 145.3
145 29.7 15.5 46.5



#94
Hexachlorobutadiene
Concen: 53.038 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022759.D
Acq: 20 Jun 2025 11:43

Tgt Ion:225 Resp: 41381
Ion Ratio Lower Upper
225 100
223 63.7 32.5 97.4
227 63.5 32.3 96.9





#95

Naphthalene

Concen: 53.912 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

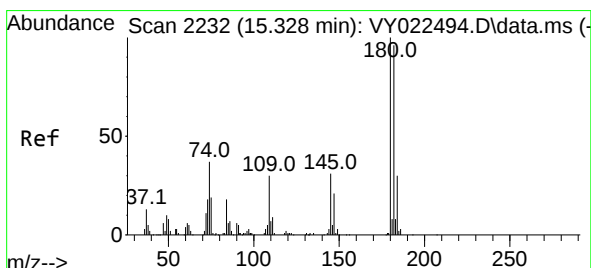
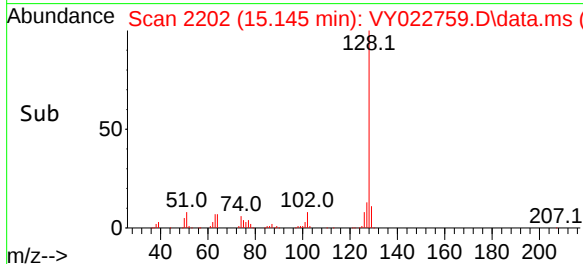
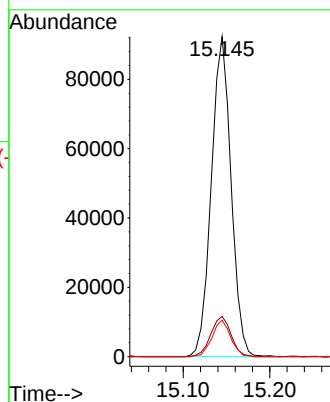
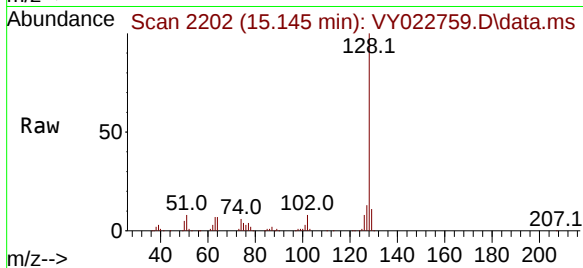
Tgt Ion:128 Resp: 146248

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 53.774 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022759.D

Acq: 20 Jun 2025 11:43

Tgt Ion:180 Resp: 65146

Ion Ratio Lower Upper

180 100

182 93.4 47.1 141.3

145 31.3 15.2 45.6

