

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
 Data File : VY022511.D
 Acq On : 02 Jun 2025 19:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 03 04:11:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	187782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	318591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	278485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	136139	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	105828	50.389	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.780%	
35) Dibromofluoromethane	7.634	113	92932	48.870	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.740%	
50) Toluene-d8	10.109	98	376768	49.035	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.060%	
62) 4-Bromofluorobenzene	12.407	95	111975	48.911	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	68441	40.709	ug/l	100
3) Chloromethane	2.068	50	234360	47.186	ug/l	99
4) Vinyl Chloride	2.202	62	279979	48.592	ug/l	97
5) Bromomethane	2.598	94	222447	40.280	ug/l	99
6) Chloroethane	2.732	64	183951	46.514	ug/l	94
7) Trichlorofluoromethane	3.055	101	228312	46.677	ug/l	96
8) Diethyl Ether	3.458	74	54534	49.507	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.817	101	91466	44.399	ug/l	99
10) Methyl Iodide	4.006	142	105842	47.475	ug/l	99
11) Tert butyl alcohol	4.872	59	38347	255.636	ug/l	97
12) 1,1-Dichloroethene	3.793	96	90136	45.773	ug/l	97
13) Acrolein	3.653	56	43472	232.538	ug/l	99
14) Allyl chloride	4.384	41	142137	45.978	ug/l	98
15) Acrylonitrile	5.061	53	120565	258.433	ug/l	98
16) Acetone	3.878	43	87944	206.186	ug/l	100
17) Carbon Disulfide	4.110	76	290024	46.003	ug/l	100
18) Methyl Acetate	4.391	43	71857	56.891	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	270724	48.810	ug/l	99
20) Methylene Chloride	4.616	84	111970	46.215	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	101815	46.197	ug/l	96
22) Diisopropyl ether	6.018	45	325054	47.239	ug/l	98
23) Vinyl Acetate	5.963	43	960261	235.777	ug/l	99
24) 1,1-Dichloroethane	5.915	63	191267	47.183	ug/l	99
25) 2-Butanone	6.896	43	150868	245.217	ug/l	99
26) 2,2-Dichloropropane	6.890	77	153775	42.933	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	122361	48.034	ug/l	98
28) Bromochloromethane	7.250	49	87662	49.608	ug/l	99
29) Tetrahydrofuran	7.268	42	101723	256.350	ug/l	99
30) Chloroform	7.420	83	194212	48.369	ug/l	94
31) Cyclohexane	7.707	56	169683	42.045	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	167265	46.927	ug/l	99
36) 1,1-Dichloropropene	7.841	75	139714	45.269	ug/l	99
37) Ethyl Acetate	6.988	43	69204	50.281	ug/l	99
38) Carbon Tetrachloride	7.823	117	144374	45.600	ug/l	98
39) Methylcyclohexane	9.109	83	184695	44.531	ug/l	96
40) Benzene	8.085	78	435096	47.731	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	38913	48.403	ug/l	97
42) 1,2-Dichloroethane	8.164	62	122483	49.210	ug/l	99
43) Isopropyl Acetate	8.201	43	147544	49.636	ug/l #	89
44) Trichloroethene	8.865	130	105484	47.347	ug/l	99
45) 1,2-Dichloropropane	9.146	63	104997	48.737	ug/l	98
46) Dibromomethane	9.231	93	59691	49.250	ug/l	99
47) Bromodichloromethane	9.426	83	148757	48.405	ug/l	100
48) Methyl methacrylate	9.225	41	68753	49.282	ug/l	97
49) 1,4-Dioxane	9.237	88	14698	1023.633	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	384770	259.628	ug/l	98
52) Toluene	10.170	92	273282	47.705	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	139162	48.329	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	159750	47.659	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	75295	48.720	ug/l	98
56) Ethyl methacrylate	10.438	69	111150	49.760	ug/l	99
57) 1,3-Dichloropropane	10.719	76	136855	49.962	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	266551	262.833	ug/l	100
59) 2-Hexanone	10.761	43	254773	257.047	ug/l	99
60) Dibromochloromethane	10.914	129	97421	49.603	ug/l	99
61) 1,2-Dibromoethane	11.017	107	70978	50.389	ug/l	98
64) Tetrachloroethene	10.652	164	112448	46.940	ug/l	96
65) Chlorobenzene	11.444	112	285686	46.359	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	97551	46.990	ug/l	99
67) Ethyl Benzene	11.517	91	522290	45.694	ug/l	100
68) m/p-Xylenes	11.627	106	398984	92.079	ug/l	100
69) o-Xylene	11.956	106	186828	45.988	ug/l	99
70) Styrene	11.968	104	316725	47.165	ug/l	99
71) Bromoform	12.133	173	53532	48.457	ug/l #	99
73) Isopropylbenzene	12.255	105	482324	43.153	ug/l	100
74) N-amyl acetate	12.072	43	127212	45.108	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	84494	46.060	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	116511	74.807	ug/l #	100
77) Bromobenzene	12.535	156	103584	43.917	ug/l	96
78) n-propylbenzene	12.596	91	583200	42.721	ug/l	98
79) 2-Chlorotoluene	12.682	91	313013	43.262	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	383918	43.752	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	29121	45.153	ug/l	97
82) 4-Chlorotoluene	12.779	91	324302	43.449	ug/l	98
83) tert-Butylbenzene	12.999	119	340622	43.250	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	386162	44.000	ug/l	99
85) sec-Butylbenzene	13.176	105	518518	42.988	ug/l	100
86) p-Isopropyltoluene	13.291	119	428642	43.113	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	208701	43.673	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	204115	44.038	ug/l	99
89) n-Butylbenzene	13.615	91	408064	43.260	ug/l	100
90) Hexachloroethane	13.877	117	85982	44.422	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	181653	44.771	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12673	47.450	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	97102	43.881	ug/l	98
94) Hexachlorobutadiene	15.023	225	53313	43.651	ug/l	98
95) Naphthalene	15.145	128	201425	47.433	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	84274	44.438	ug/l	98

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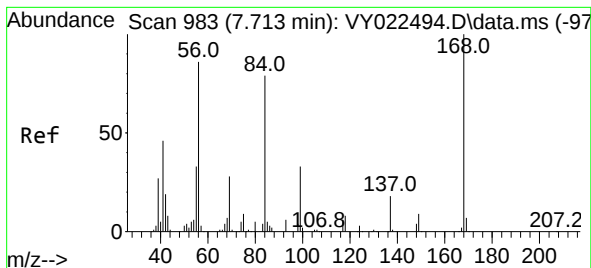
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY022511.D

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MSVOA_Y

ClientSampleId :

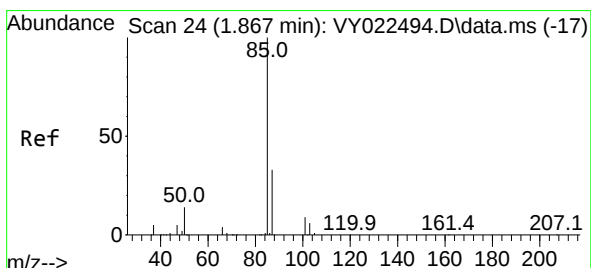
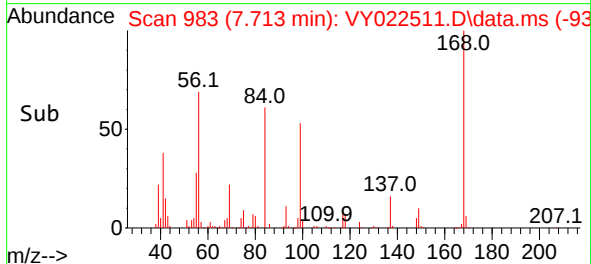
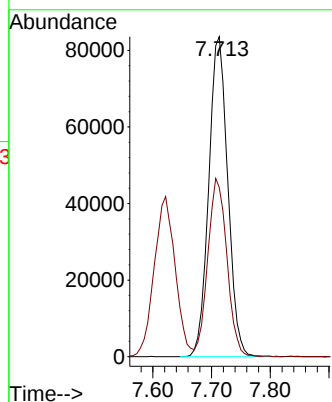
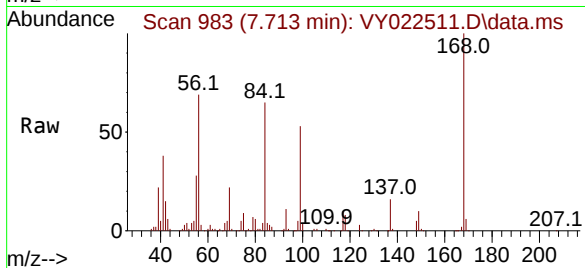
VSTDCCC050

Tgt Ion:168 Resp: 187782

Ion Ratio Lower Upper

168 100

99 52.9 44.3 66.5



#2

Dichlorodifluoromethane

Concen: 40.709 ug/l

RT: 1.867 min Scan# 24

Delta R.T. -0.000 min

Lab File: VY022511.D

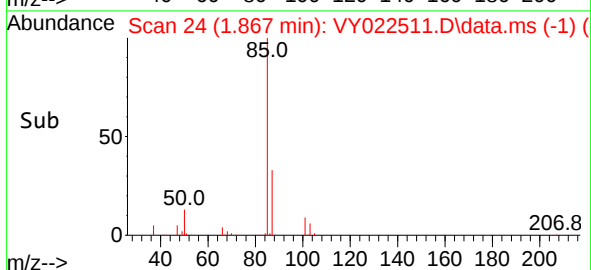
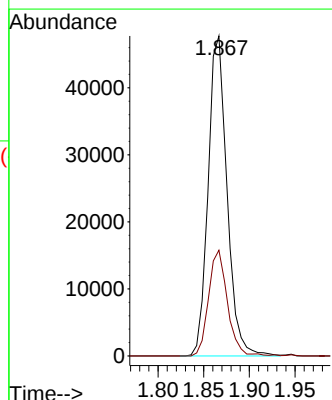
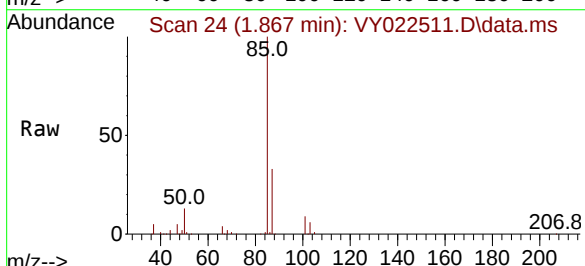
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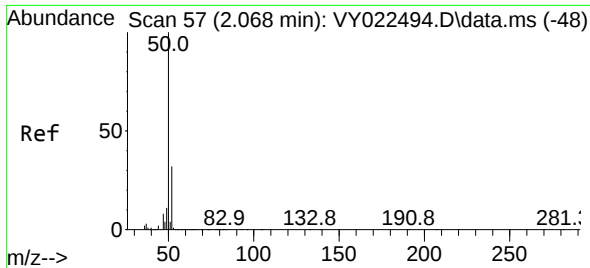
Tgt Ion: 85 Resp: 68441

Ion Ratio Lower Upper

85 100

87 33.1 16.7 50.0

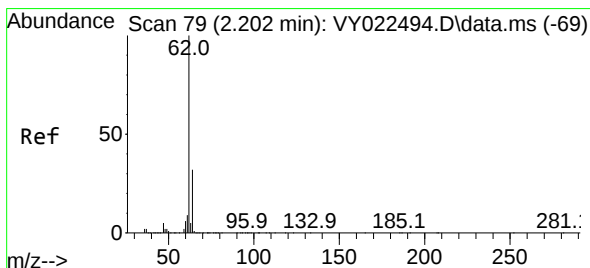
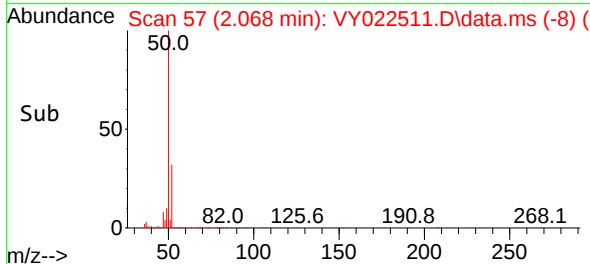
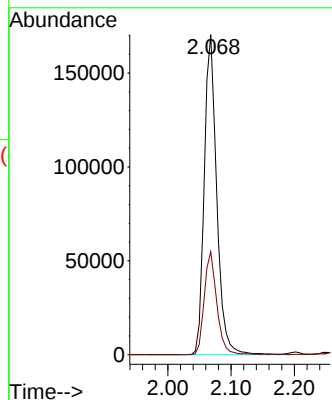
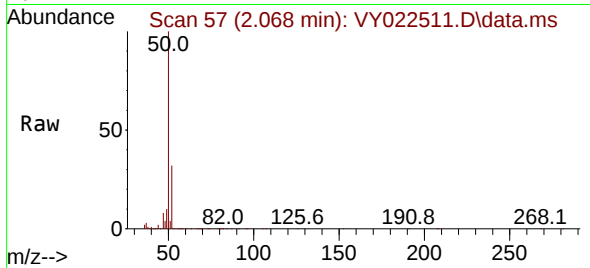




#3
Chloromethane
Concen: 47.186 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022511.D
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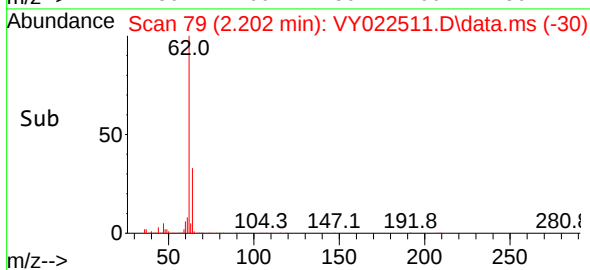
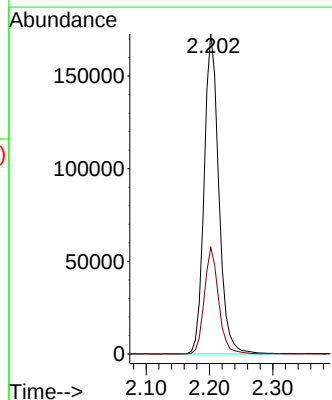
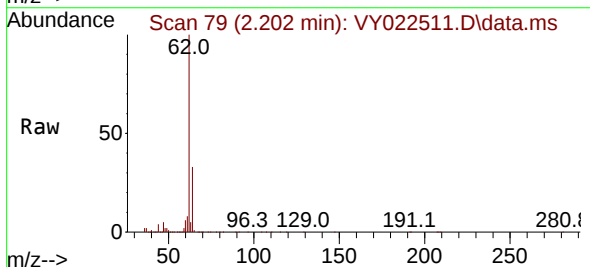
Instrument :
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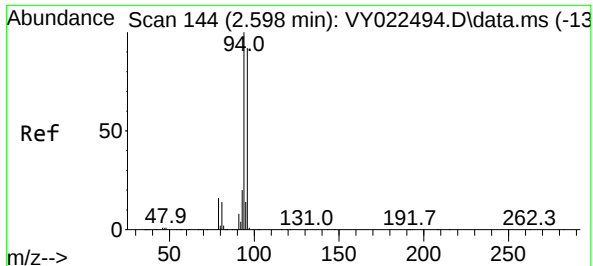
Tgt Ion: 50 Resp: 234360
Ion Ratio Lower Upper
50 100
52 32.1 26.0 39.0



#4
Vinyl Chloride
Concen: 48.592 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 62 Resp: 279979
Ion Ratio Lower Upper
62 100
64 33.2 25.3 37.9

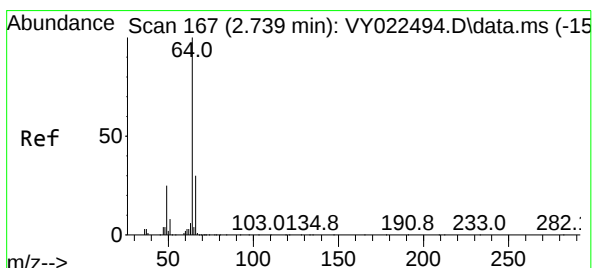
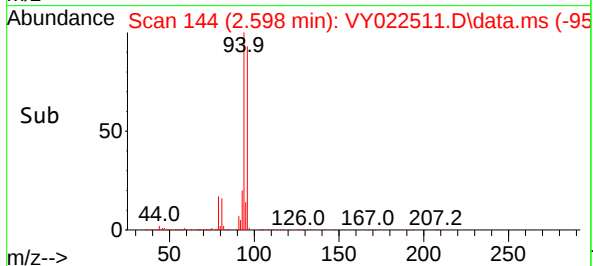
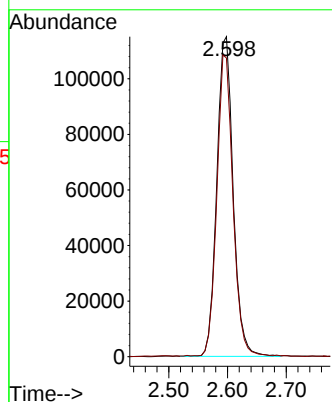
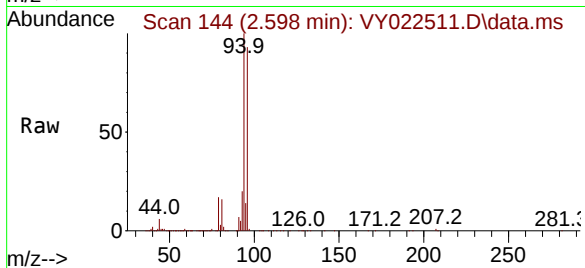




#5
Bromomethane
Concen: 40.280 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

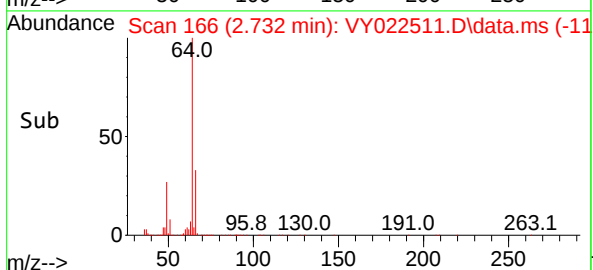
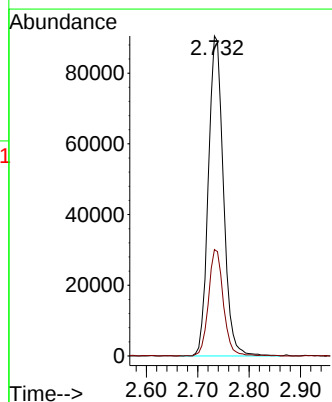
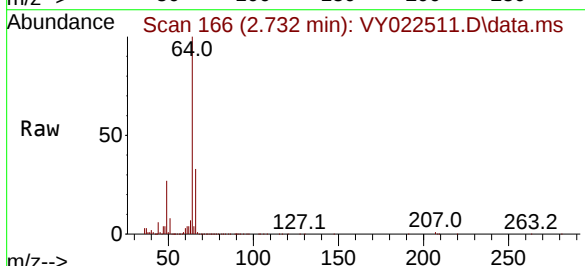
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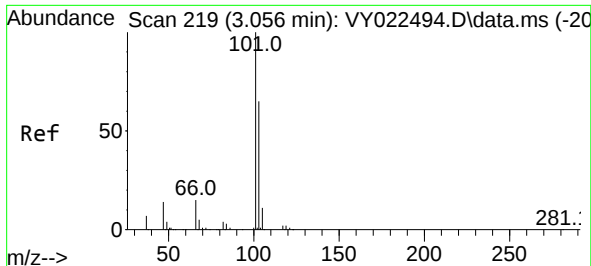
Tgt Ion: 94 Resp: 222447
Ion Ratio Lower Upper
94 100
96 93.3 74.0 111.0



#6
Chloroethane
Concen: 46.514 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 64 Resp: 183951
Ion Ratio Lower Upper
64 100
66 33.2 23.8 35.6

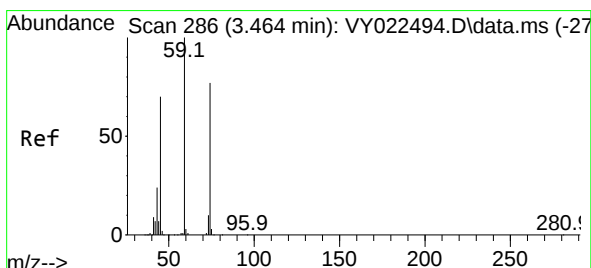
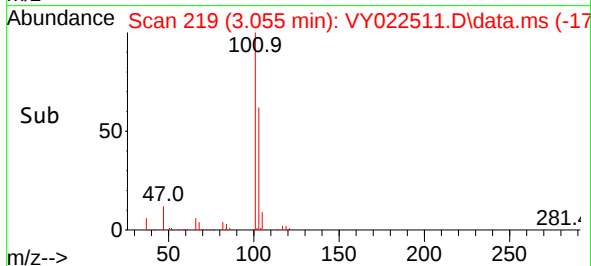
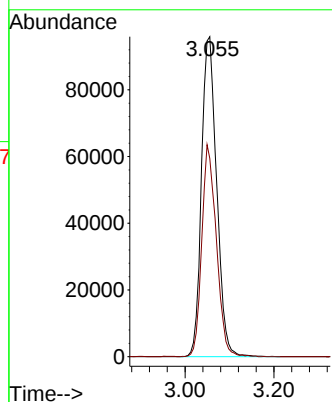
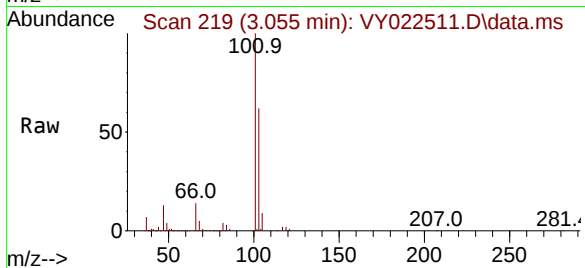




#7
Trichlorofluoromethane
Concen: 46.677 ug/l
RT: 3.055 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

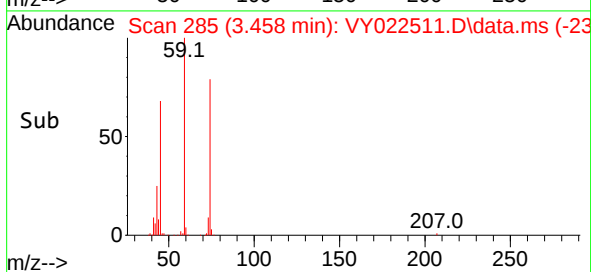
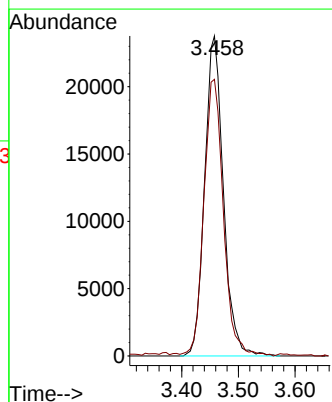
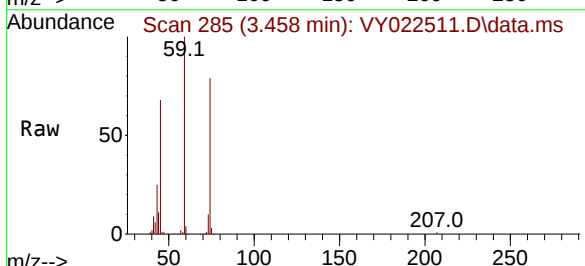
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 228312
Ion Ratio Lower Upper
101 100
103 61.9 52.2 78.2



#8
Diethyl Ether
Concen: 49.507 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 74 Resp: 54534
Ion Ratio Lower Upper
74 100
45 90.3 45.9 137.6

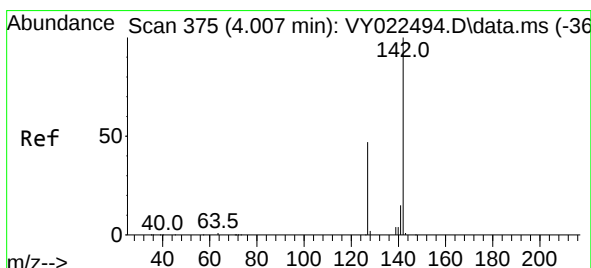
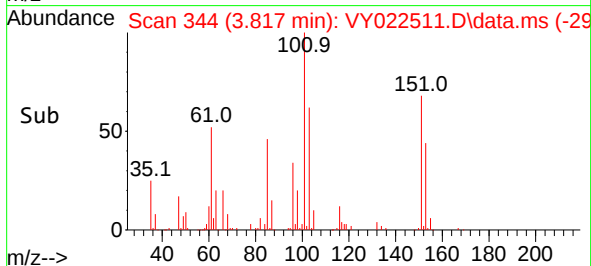
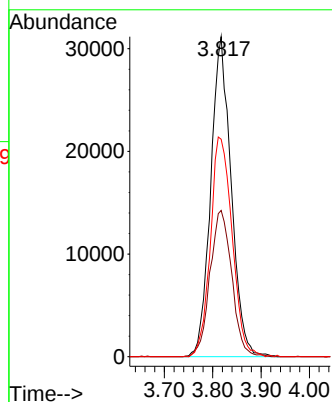
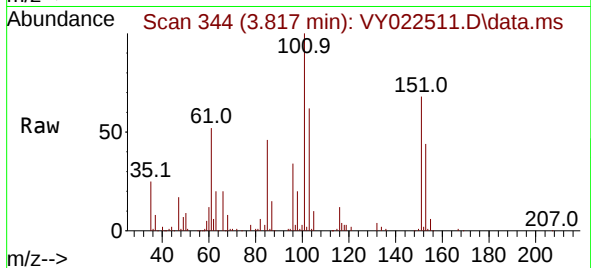




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.399 ug/l
RT: 3.817 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022511.D
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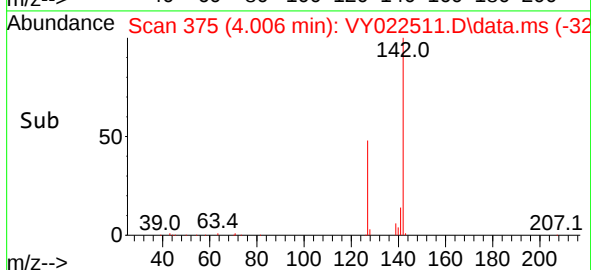
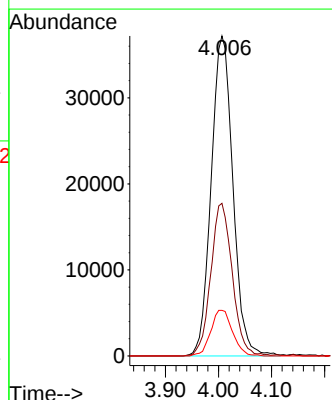
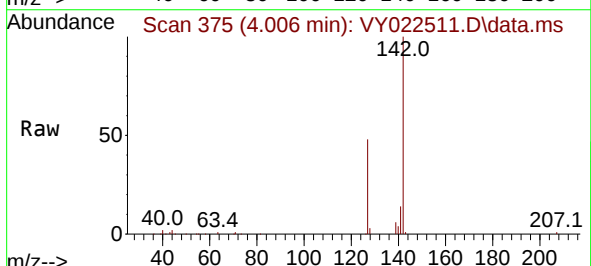
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

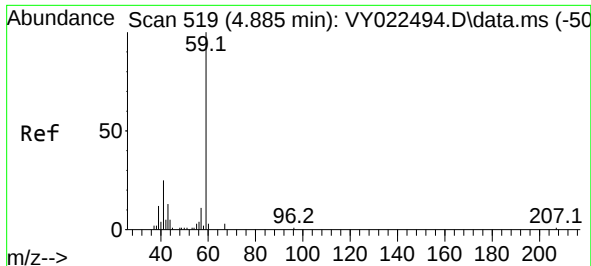
Tgt Ion:101 Resp: 91466
Ion Ratio Lower Upper
101 100
85 48.6 39.3 58.9
151 73.0 57.8 86.8



#10
Methyl Iodide
Concen: 47.475 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion:142 Resp: 105842
Ion Ratio Lower Upper
142 100
127 47.2 37.1 55.7
141 14.3 11.4 17.2

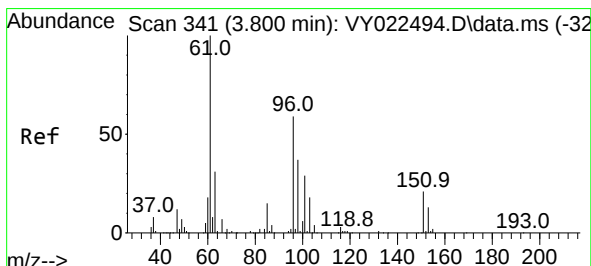
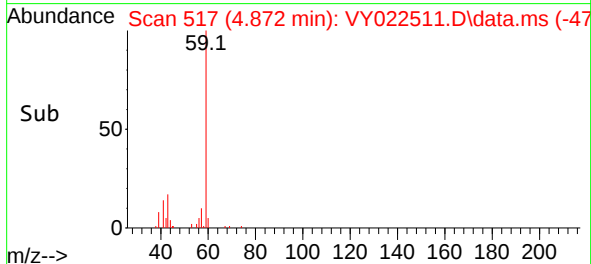
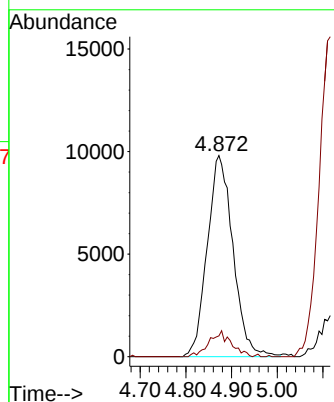
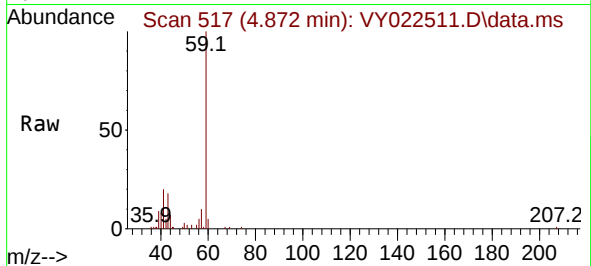




#11
Tert butyl alcohol
Concen: 255.636 ug/l
RT: 4.872 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

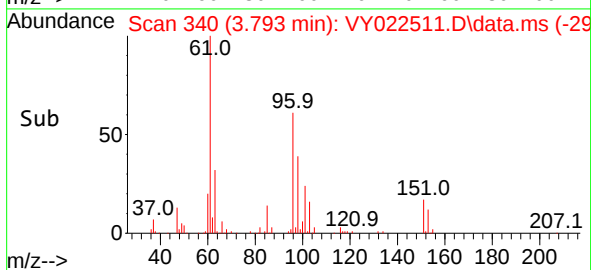
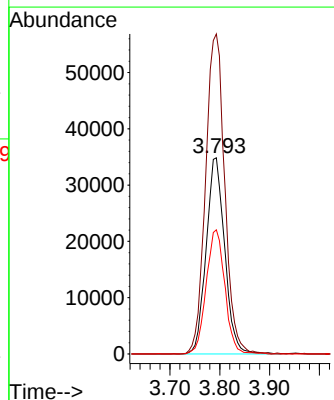
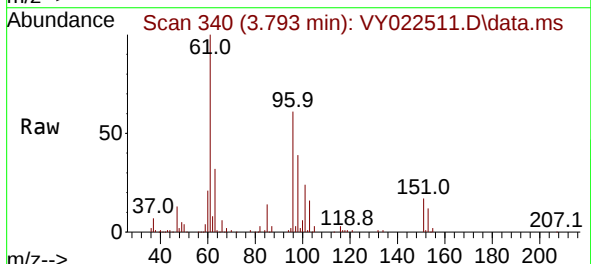
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

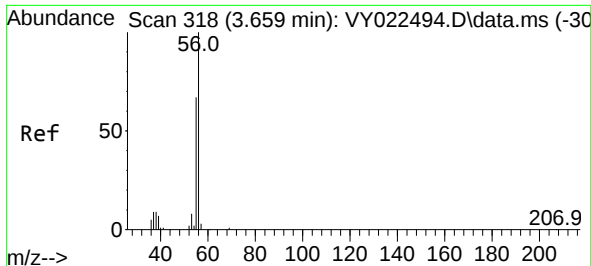
Tgt Ion: 59 Resp: 38347
Ion Ratio Lower Upper
59 100
57 11.0 8.0 12.0



#12
1,1-Dichloroethene
Concen: 45.773 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 96 Resp: 90136
Ion Ratio Lower Upper
96 100
61 163.1 134.6 201.8
98 63.3 50.2 75.4

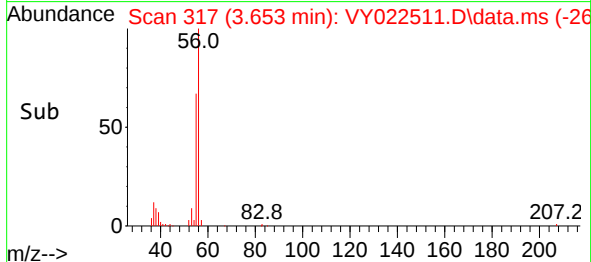
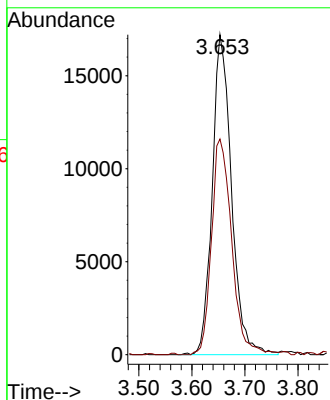
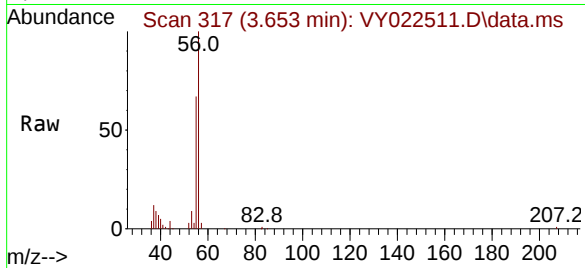




#13
Acrolein
Concen: 232.538 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

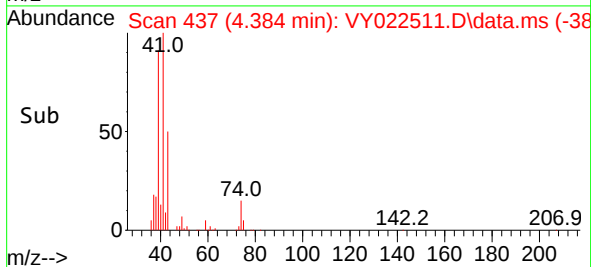
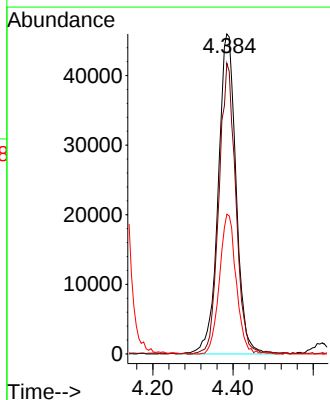
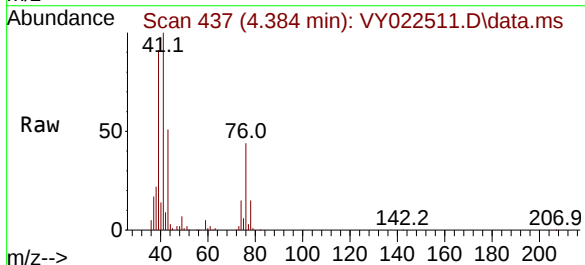
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

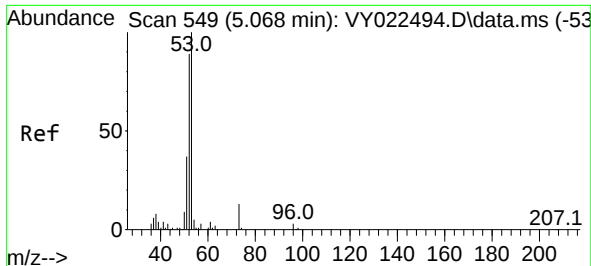
Tgt Ion: 56 Resp: 43472
Ion Ratio Lower Upper
56 100
55 70.7 57.0 85.6



#14
Allyl chloride
Concen: 45.978 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 41 Resp: 142137
Ion Ratio Lower Upper
41 100
39 85.0 69.1 103.7
76 40.8 33.5 50.3

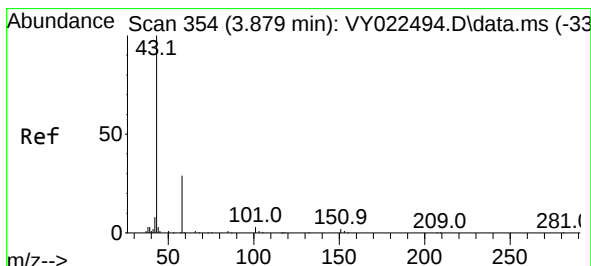
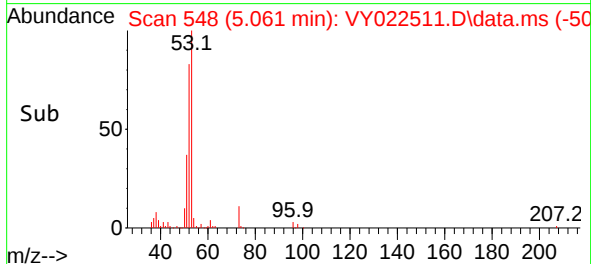
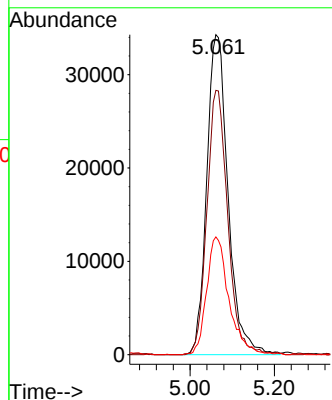
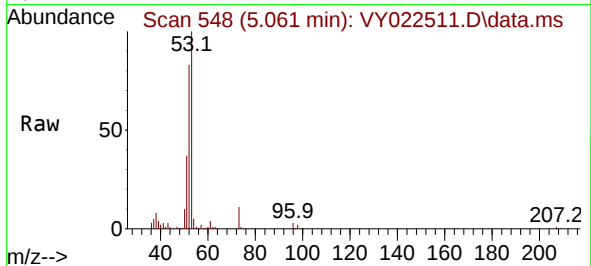




#15
Acrylonitrile
Concen: 258.433 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

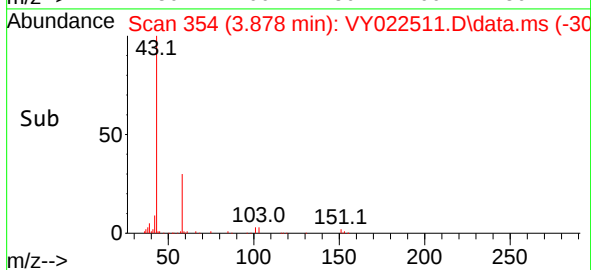
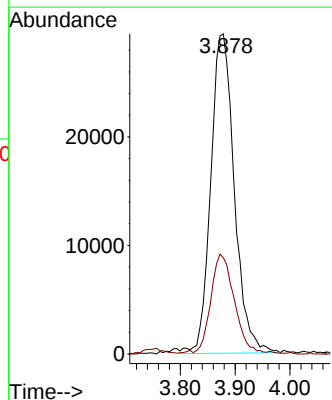
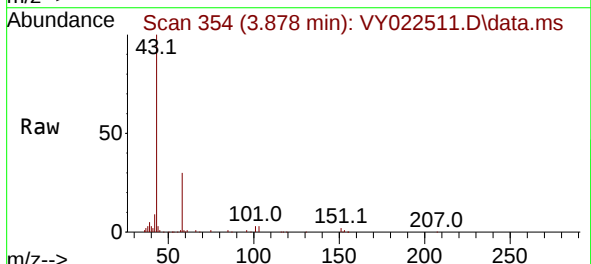
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

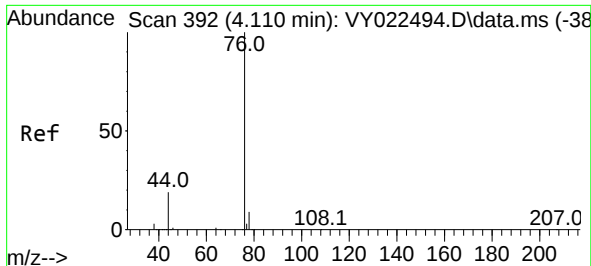
Tgt Ion: 53 Resp: 120565
Ion Ratio Lower Upper
53 100
52 80.5 65.7 98.5
51 38.5 30.1 45.1



#16
Acetone
Concen: 206.186 ug/l
RT: 3.878 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 43 Resp: 87944
Ion Ratio Lower Upper
43 100
58 29.9 24.0 36.0

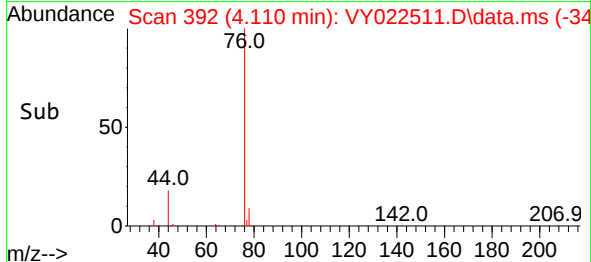
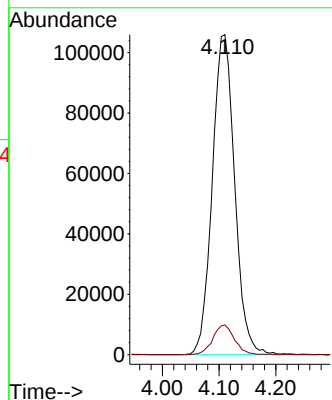
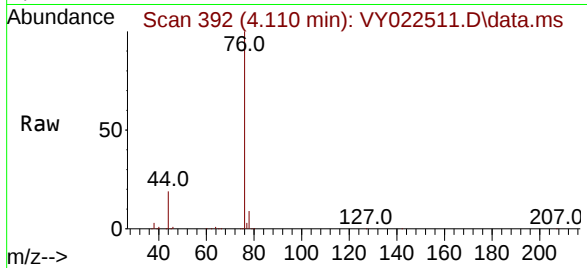




#17
Carbon Disulfide
Concen: 46.003 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

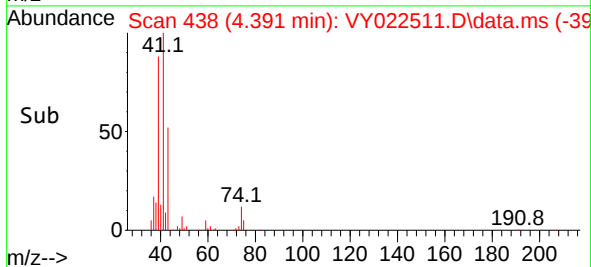
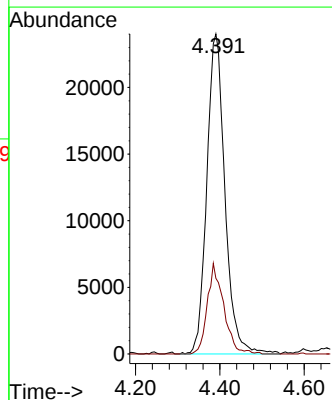
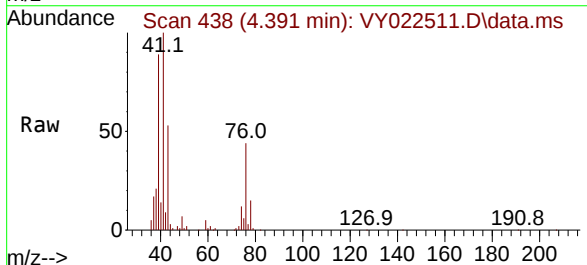
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

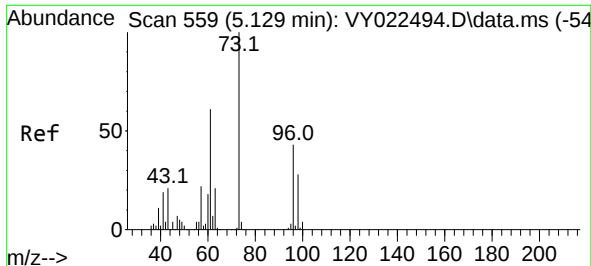
Tgt Ion: 76 Resp: 290024
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 56.891 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 43 Resp: 71857
Ion Ratio Lower Upper
43 100
74 25.6 19.8 29.6

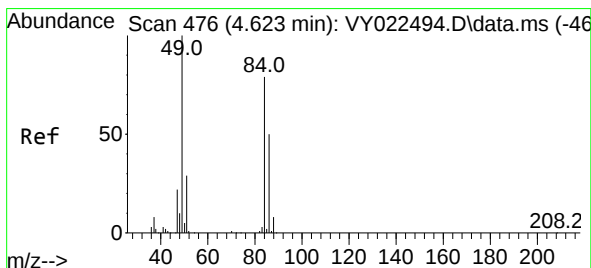
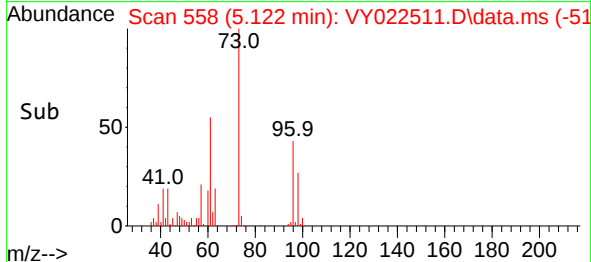
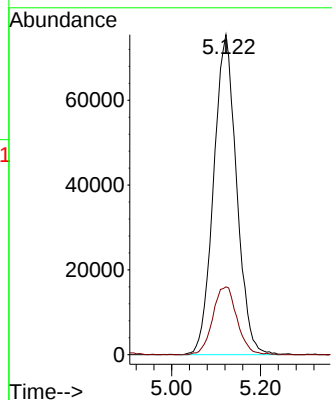
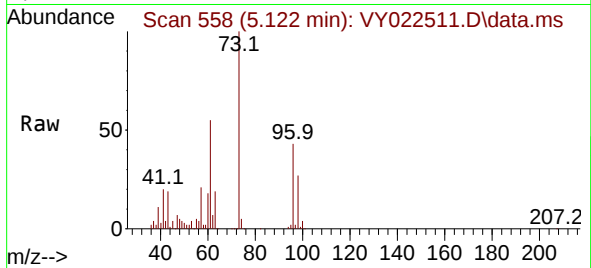




#19
Methyl tert-butyl Ether
Concen: 48.810 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

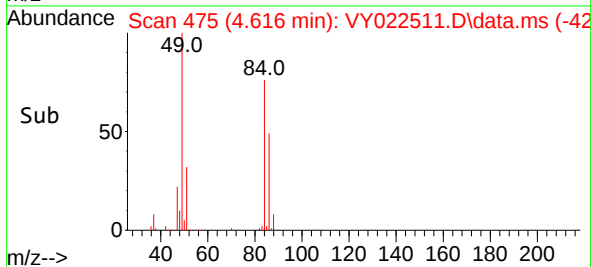
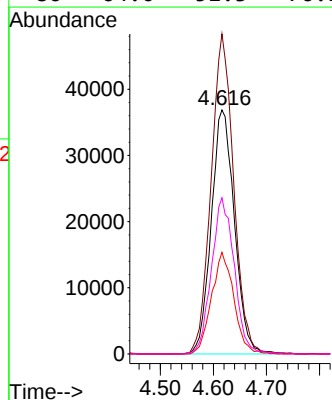
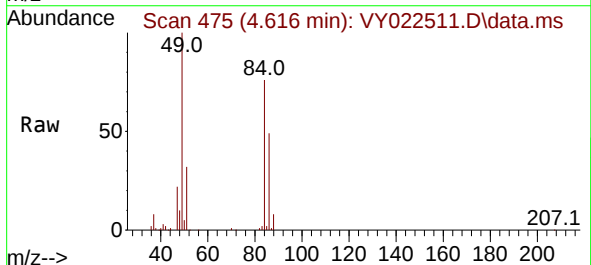
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

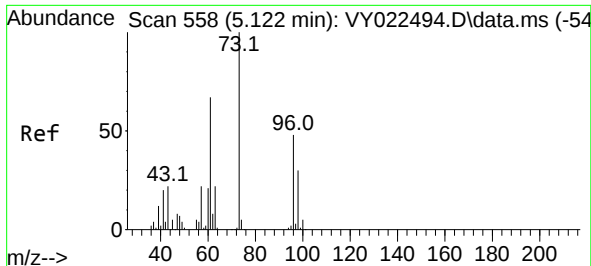
Tgt Ion: 73 Resp: 270724
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.0



#20
Methylene Chloride
Concen: 46.215 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 84 Resp: 111970
Ion Ratio Lower Upper
84 100
49 131.2 101.9 152.9
51 41.7 29.8 44.8
86 64.0 51.3 76.9

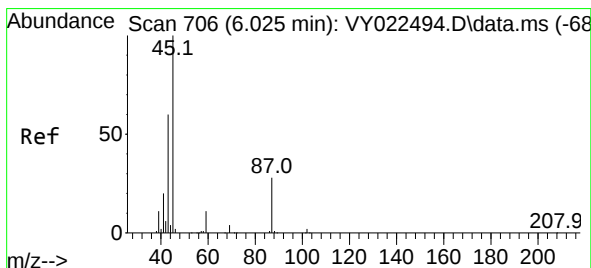
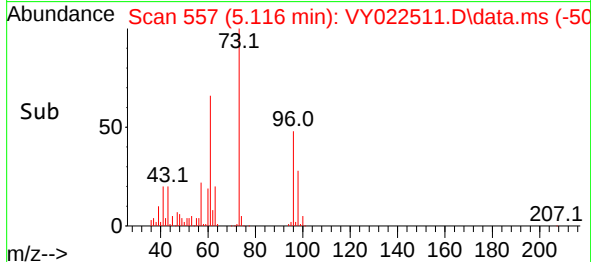
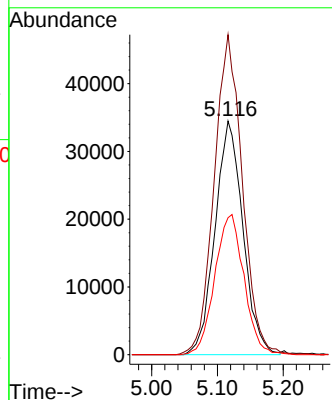
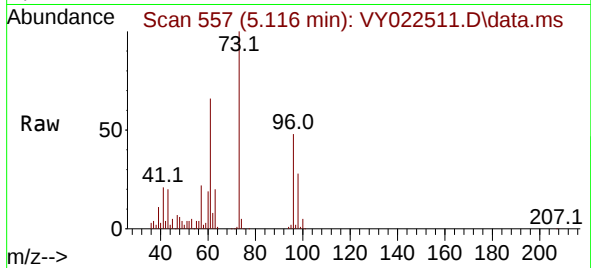




#21
trans-1,2-Dichloroethene
Concen: 46.197 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

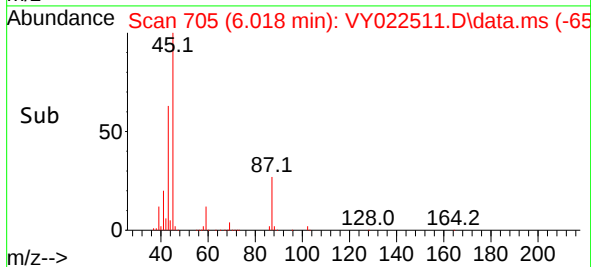
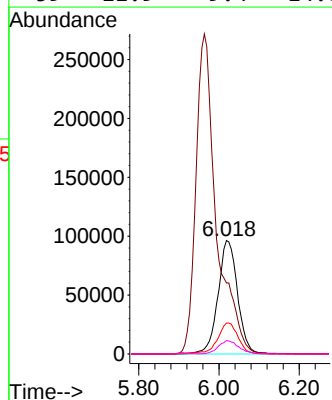
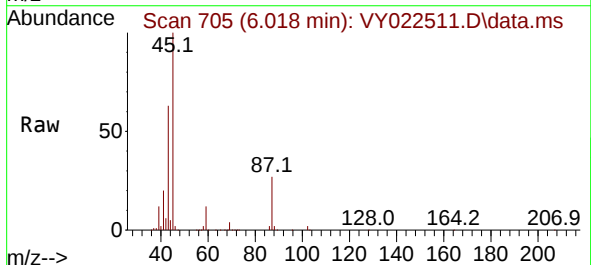
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 101815
Ion Ratio Lower Upper
96 100
61 136.7 112.6 169.0
98 58.7 50.6 75.8



#22
Diisopropyl ether
Concen: 47.239 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 45 Resp: 325054
Ion Ratio Lower Upper
45 100
43 62.3 48.3 72.5
87 27.2 23.0 34.6
59 11.9 9.4 14.0

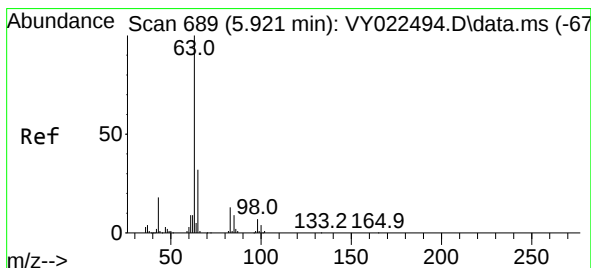
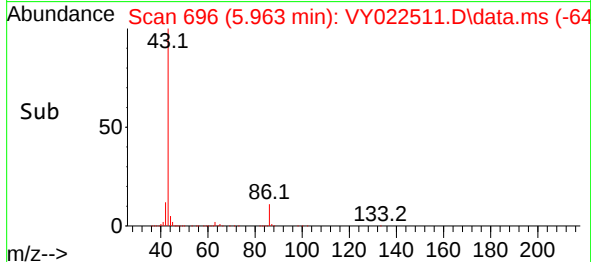
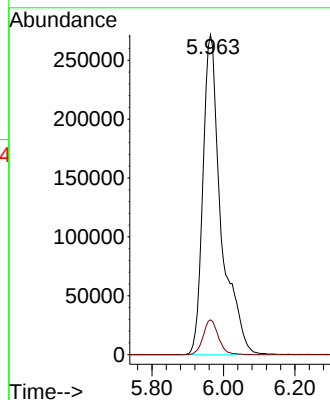
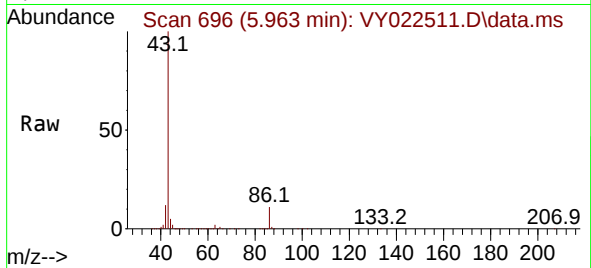




#23
 Vinyl Acetate
 Concen: 235.777 ug/l
 RT: 5.963 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY022511.D
 Acq: 02 Jun 2025 19:54

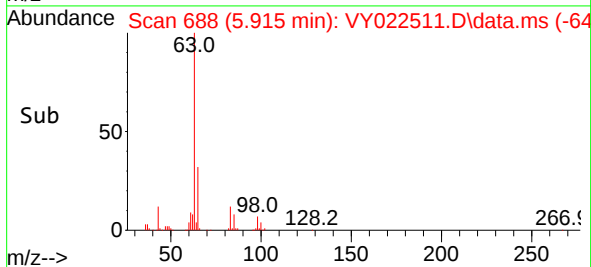
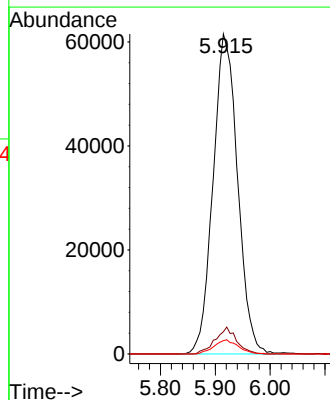
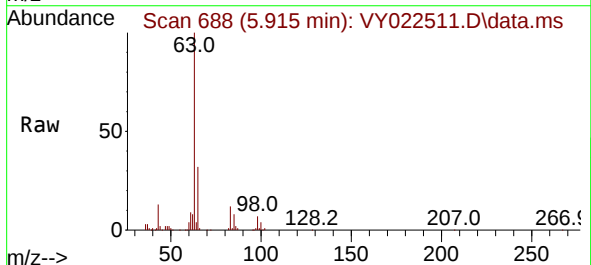
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 960261
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 47.183 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022511.D
 Acq: 02 Jun 2025 19:54

Tgt Ion: 63 Resp: 191267
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.2 2.1 6.3

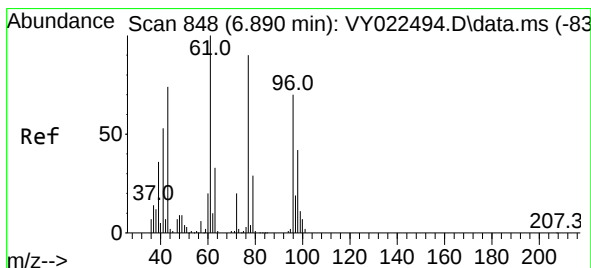
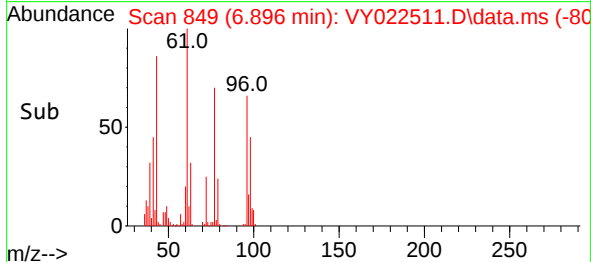
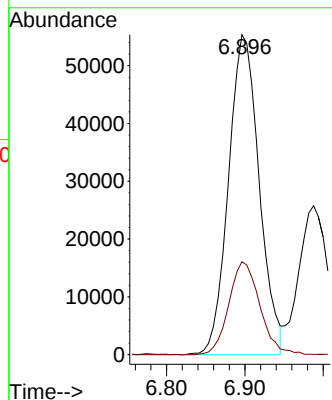
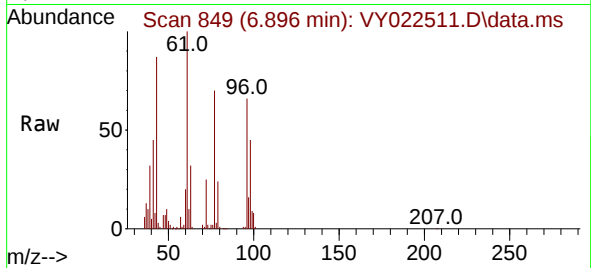




#25
2-Butanone
Concen: 245.217 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

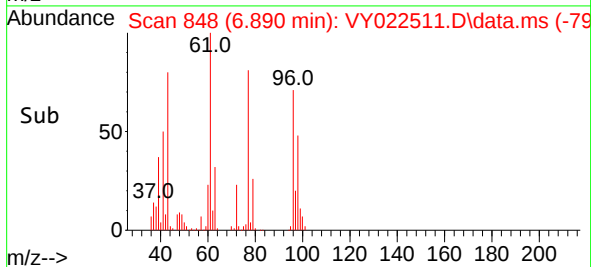
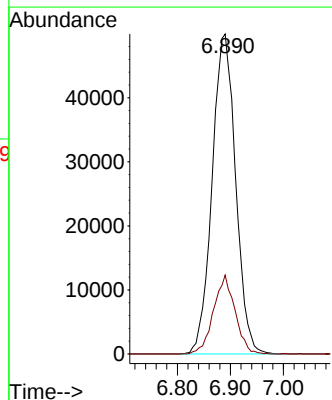
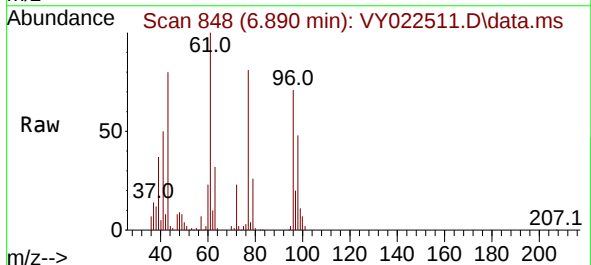
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 150868
Ion Ratio Lower Upper
43 100
72 29.1 22.9 34.3



#26
2,2-Dichloropropane
Concen: 42.933 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 77 Resp: 153775
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 48.034 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

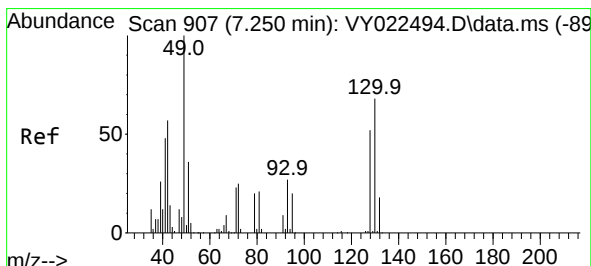
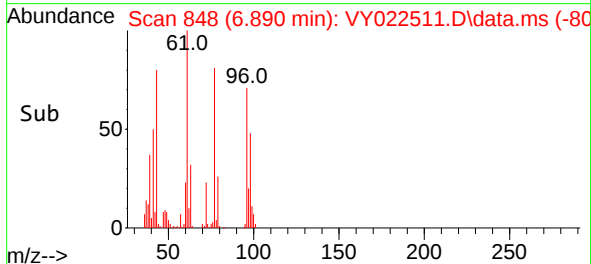
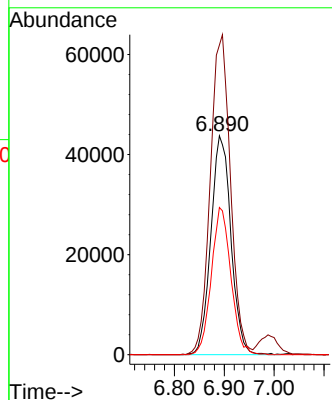
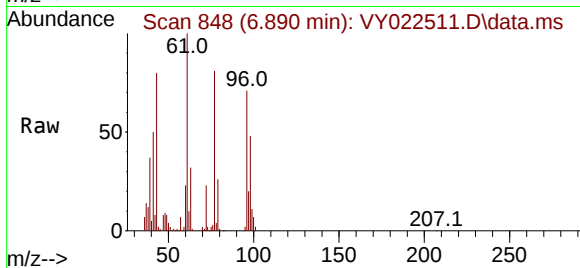
Tgt Ion: 96 Resp: 122361

Ion Ratio Lower Upper

96 100

61 146.9 0.0 290.0

98 65.4 0.0 128.4



#28

Bromochloromethane

Concen: 49.608 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

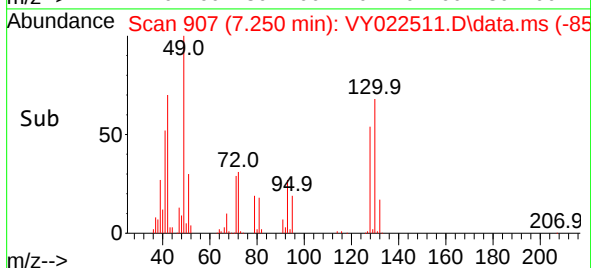
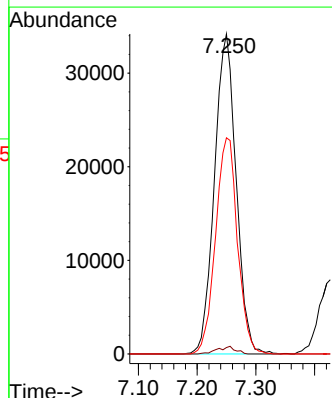
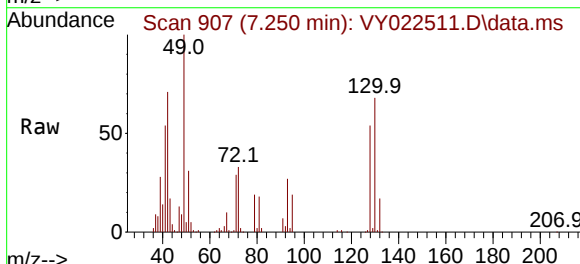
Tgt Ion: 49 Resp: 87662

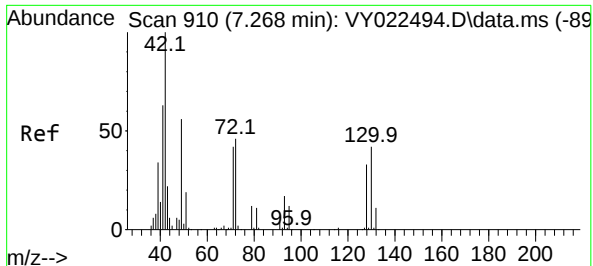
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 68.4 55.7 83.5





#29

Tetrahydrofuran

Concen: 256.350 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

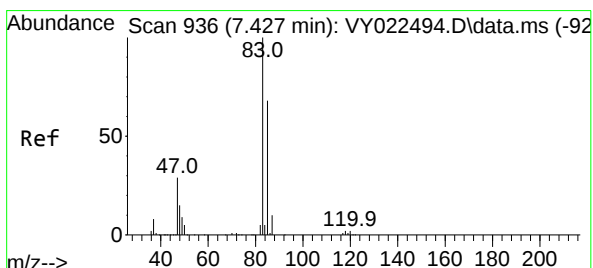
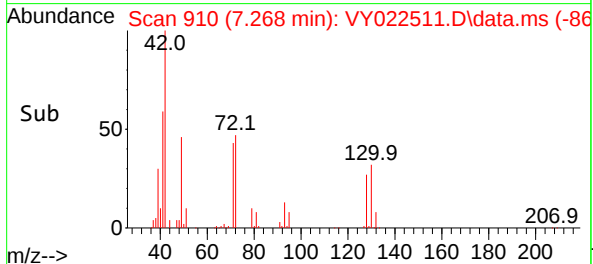
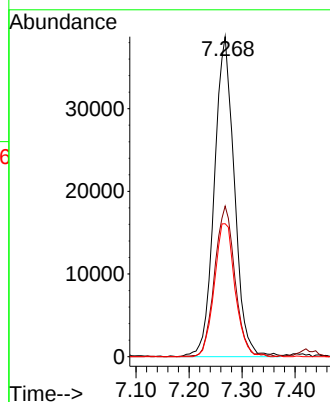
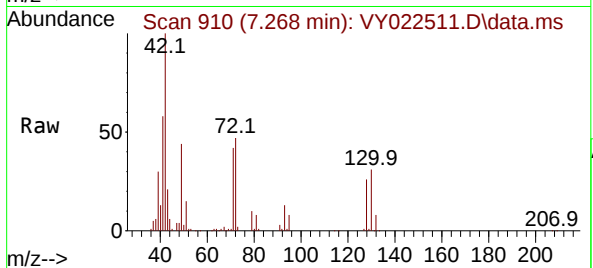
Tgt Ion: 42 Resp: 101723

Ion Ratio Lower Upper

42 100

72 47.7 37.4 56.2

71 43.1 34.2 51.2



#30

Chloroform

Concen: 48.369 ug/l

RT: 7.420 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022511.D

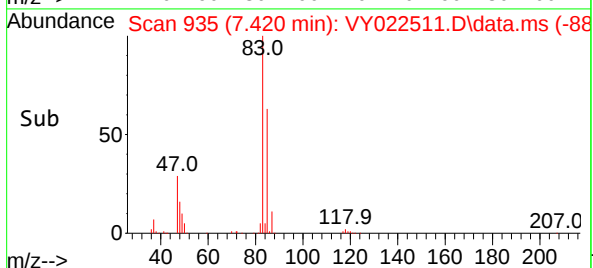
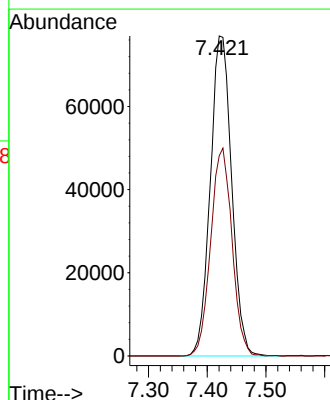
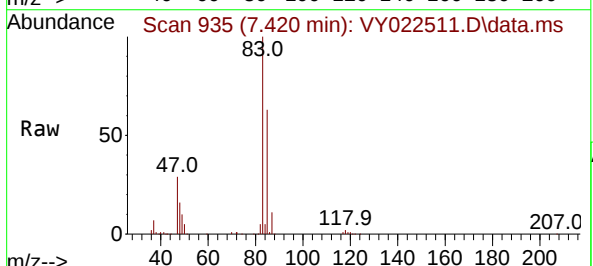
Acq: 02 Jun 2025 19:54

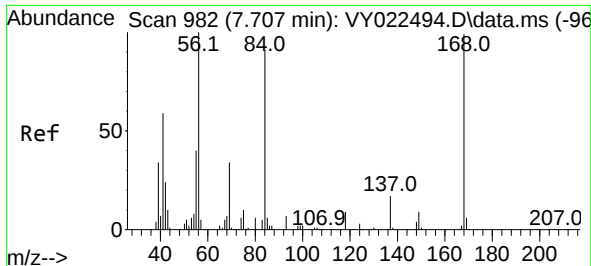
Tgt Ion: 83 Resp: 194212

Ion Ratio Lower Upper

83 100

85 62.6 54.2 81.4

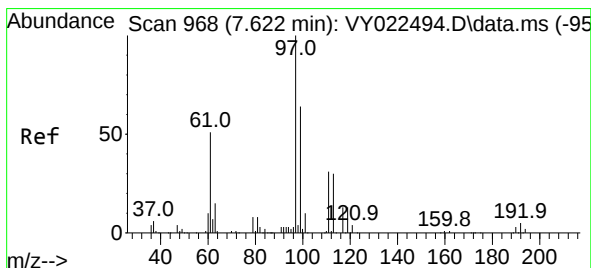
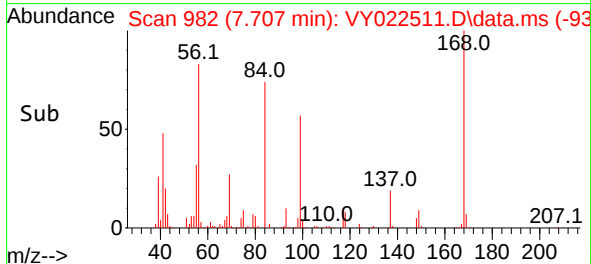
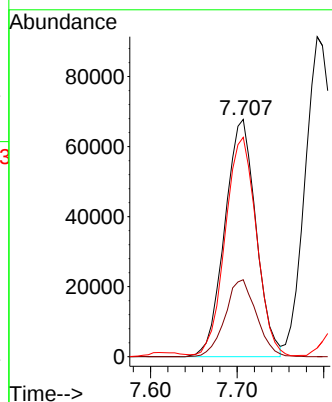
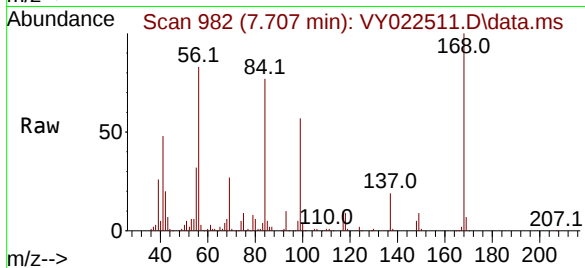




#31
Cyclohexane
Concen: 42.045 ug/l
RT: 7.707 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

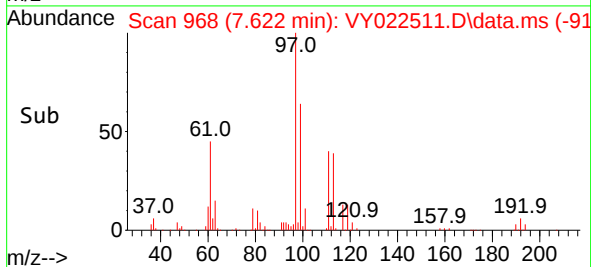
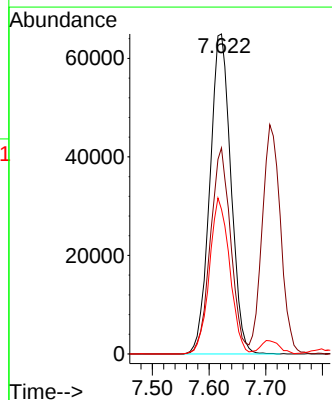
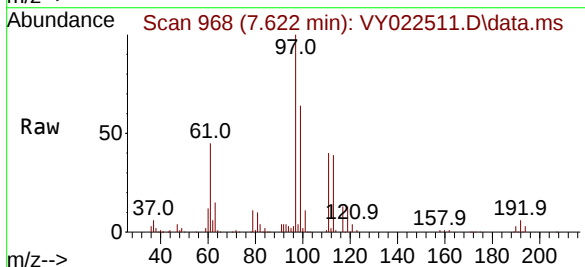
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

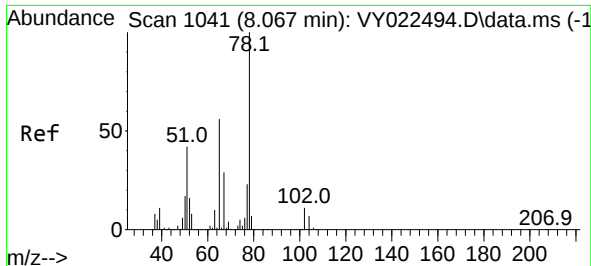
Tgt Ion: 56 Resp: 169683
Ion Ratio Lower Upper
56 100
69 32.4 27.0 40.6
84 91.3 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 46.927 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 97 Resp: 167265
Ion Ratio Lower Upper
97 100
99 62.5 50.9 76.3
61 47.1 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 50.389 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

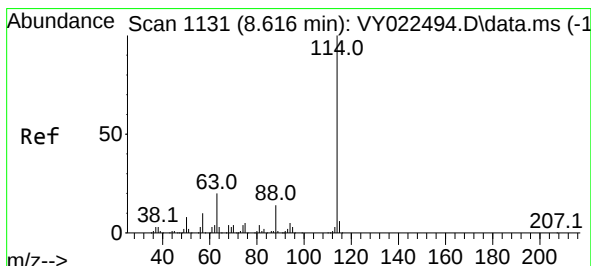
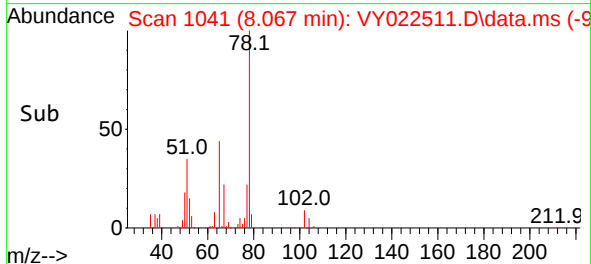
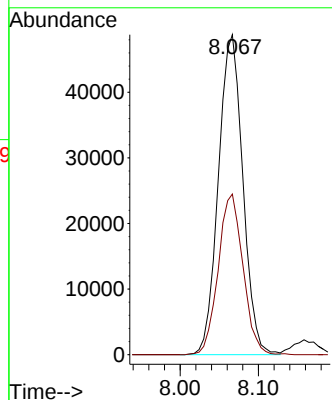
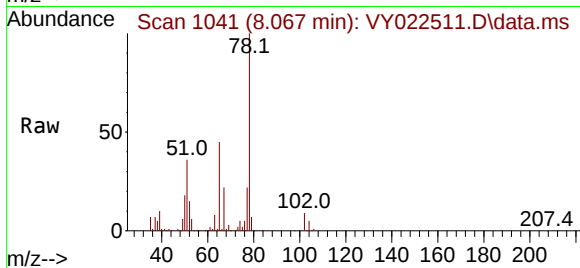
VSTDCCC050

Tgt Ion: 65 Resp: 105828

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

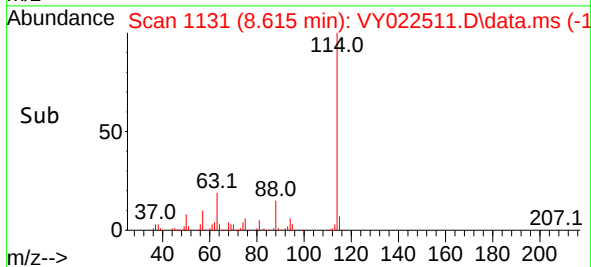
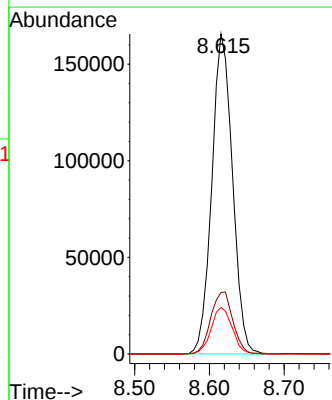
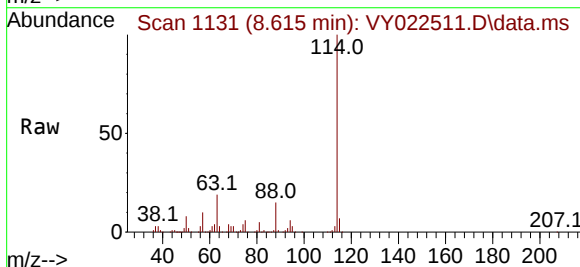
Tgt Ion: 114 Resp: 318591

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.8

88 14.6 0.0 27.8





#35

Dibromofluoromethane

Concen: 48.870 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

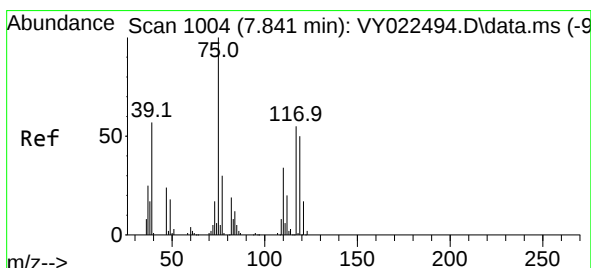
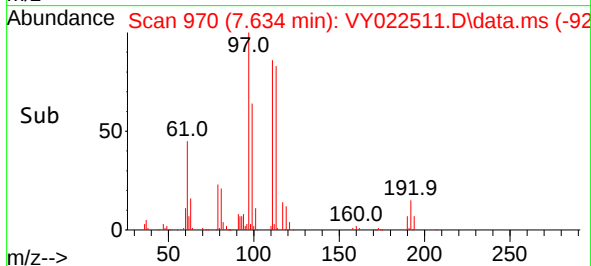
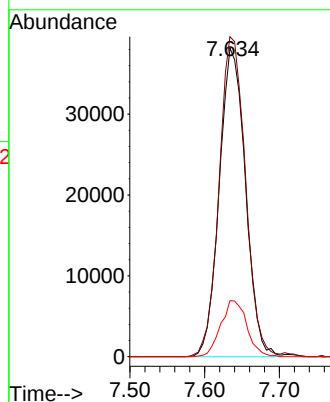
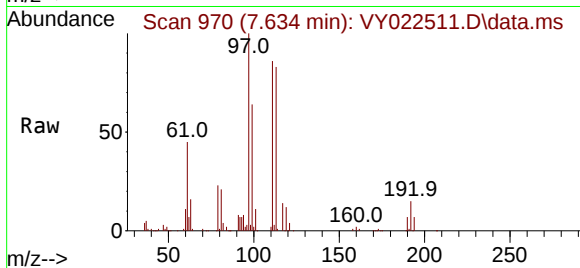
Tgt Ion:113 Resp: 92932

Ion Ratio Lower Upper

113 100

111 104.0 81.1 121.7

192 18.1 14.2 21.2



#36

1,1-Dichloropropene

Concen: 45.269 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

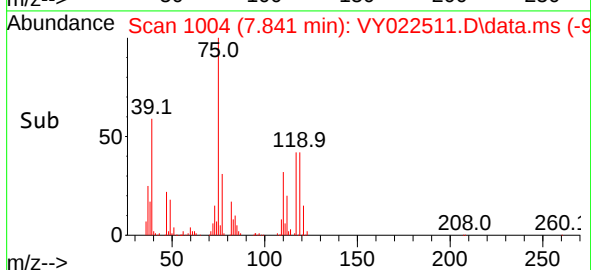
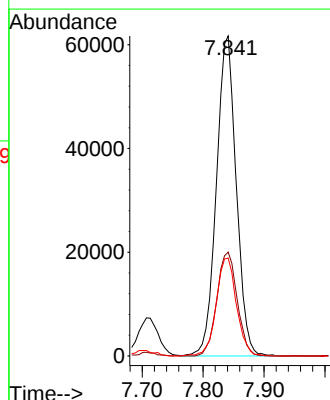
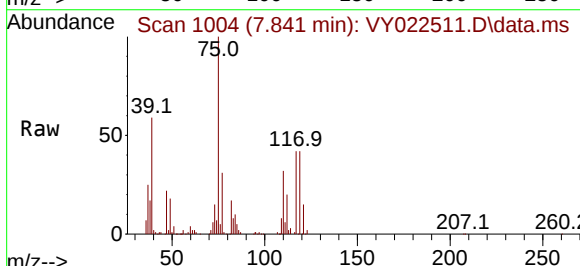
Tgt Ion: 75 Resp: 139714

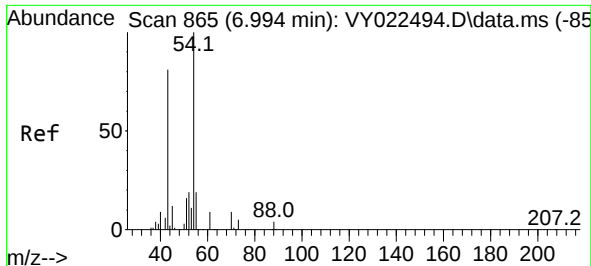
Ion Ratio Lower Upper

75 100

110 33.2 16.9 50.7

77 31.3 24.8 37.2

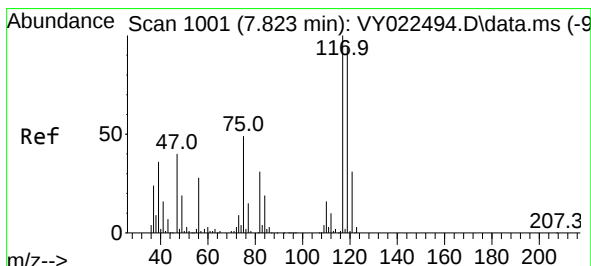
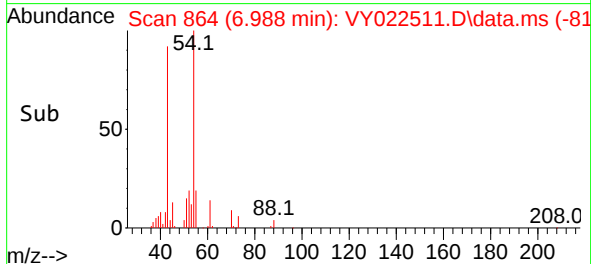
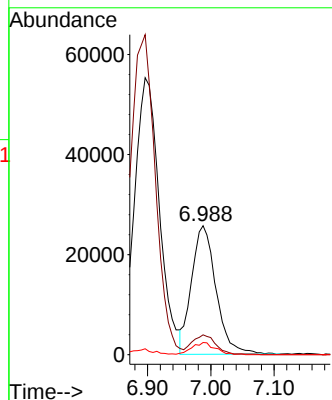
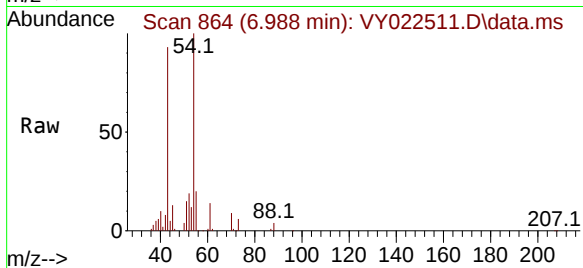




#37
Ethyl Acetate
Concen: 50.281 ug/l
RT: 6.988 min Scan# 864
Delta R.T. -0.006 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

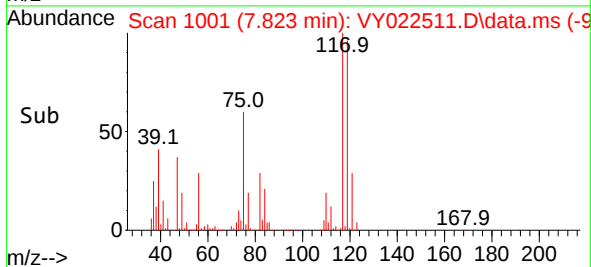
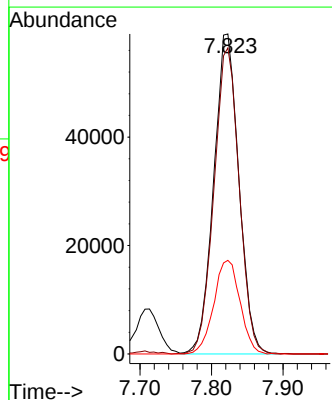
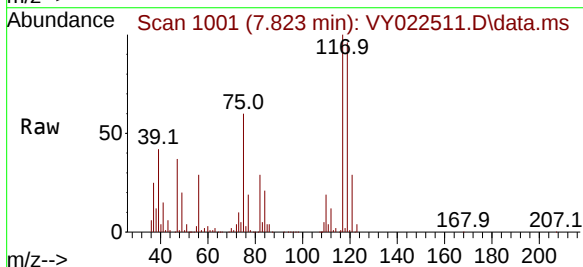
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

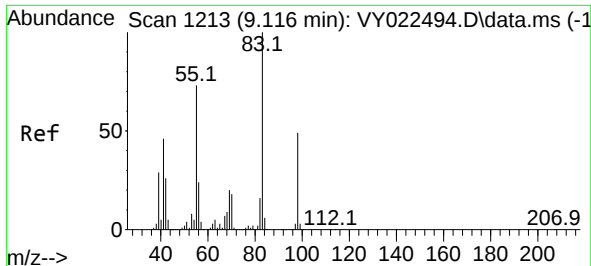
Tgt Ion: 43 Resp: 69204
Ion Ratio Lower Upper
43 100
61 15.0 11.5 17.3
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 45.600 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 117 Resp: 144374
Ion Ratio Lower Upper
117 100
119 95.6 75.0 112.6
121 29.2 25.0 37.4





#39

Methylcyclohexane

Concen: 44.531 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

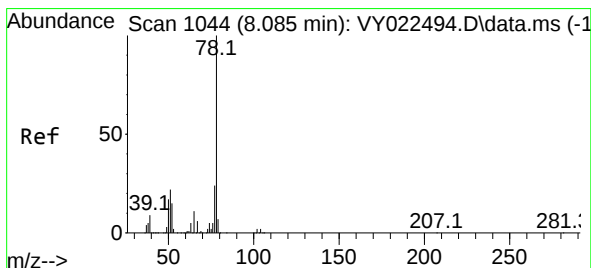
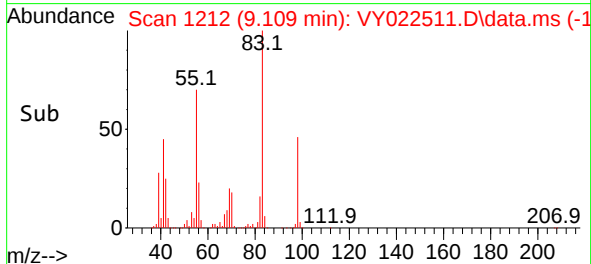
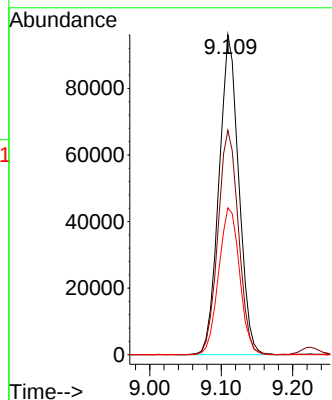
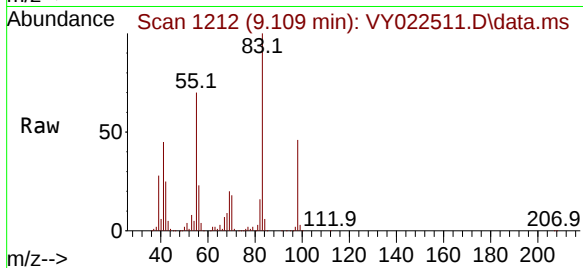
Tgt Ion: 83 Resp: 184695

Ion Ratio Lower Upper

83 100

55 70.1 58.1 87.1

98 45.9 39.0 58.6



#40

Benzene

Concen: 47.731 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY022511.D

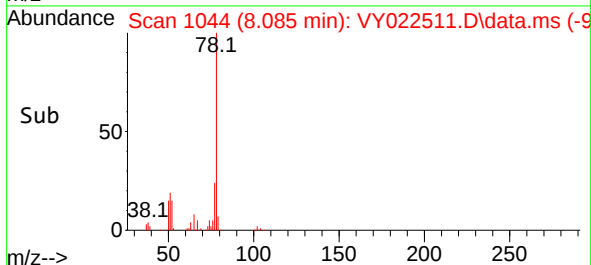
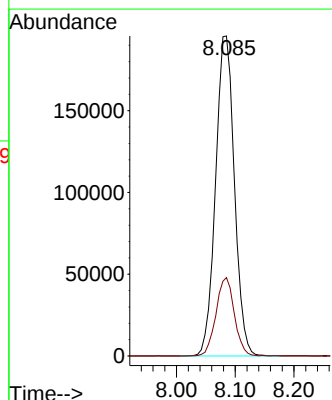
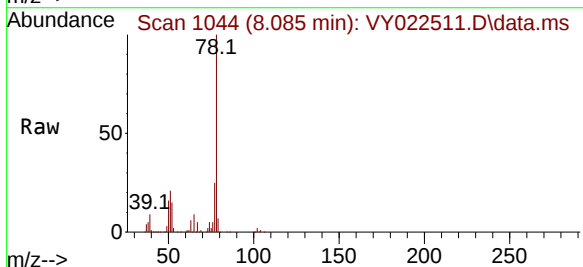
Acq: 02 Jun 2025 19:54

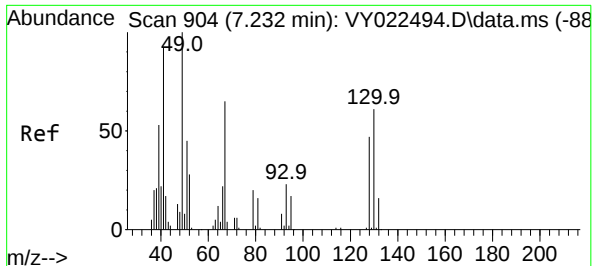
Tgt Ion: 78 Resp: 435096

Ion Ratio Lower Upper

78 100

77 24.5 19.3 28.9



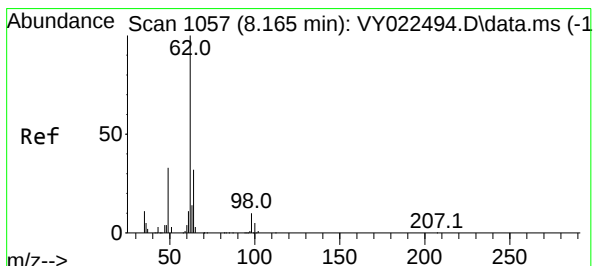
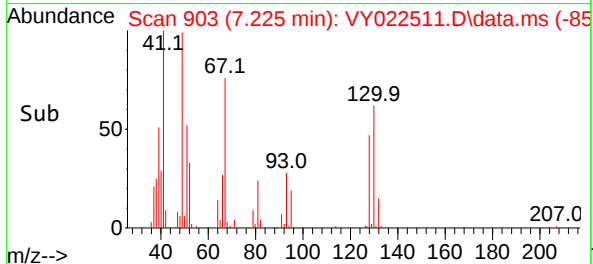
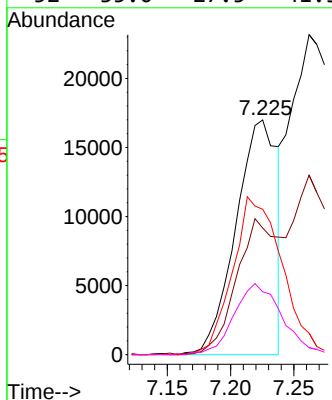
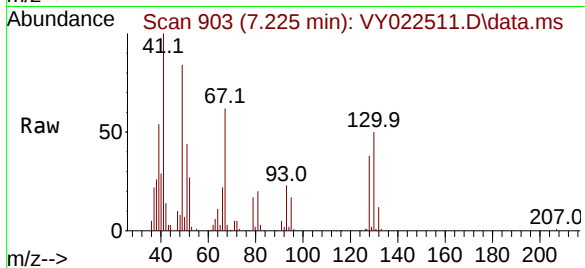


#41
Methacrylonitrile
Concen: 48.403 ug/l
RT: 7.225 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 38913

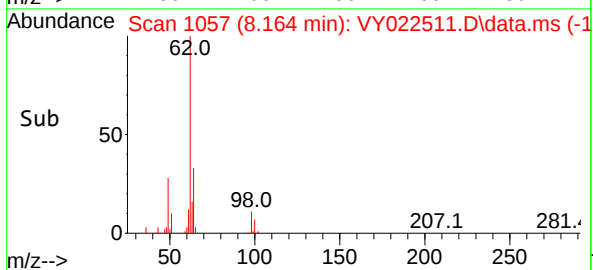
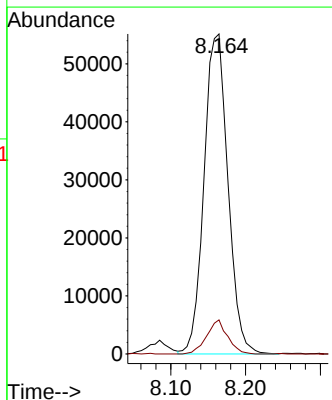
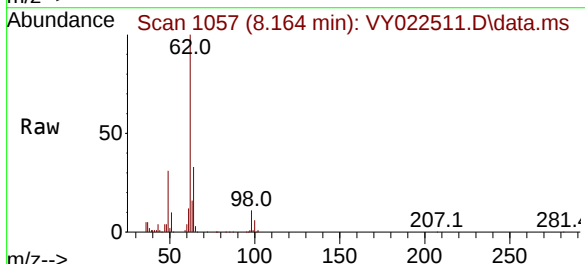
Ion	Ratio	Lower	Upper
41	100		
39	63.7	46.6	69.8
67	80.2	63.3	94.9
52	35.0	27.5	41.3

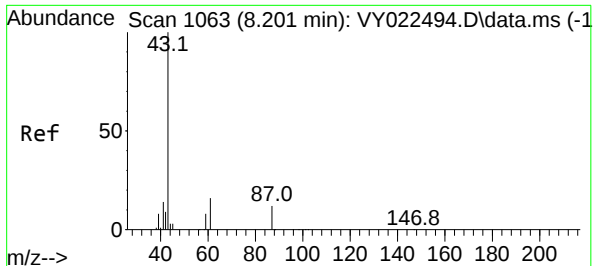


#42
1,2-Dichloroethane
Concen: 49.210 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 62 Resp: 122483

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2

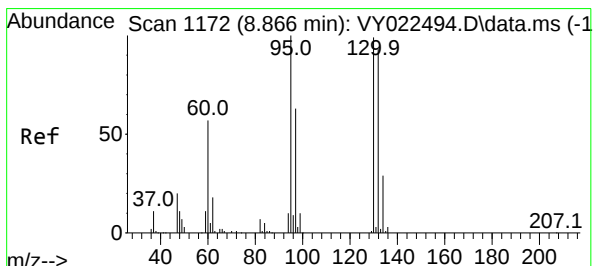
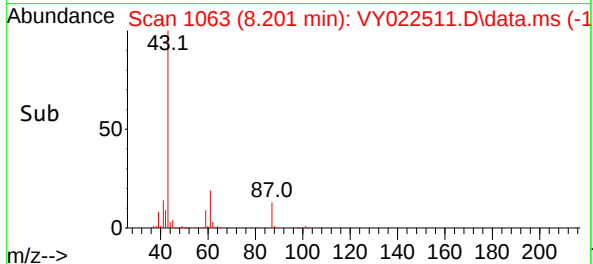
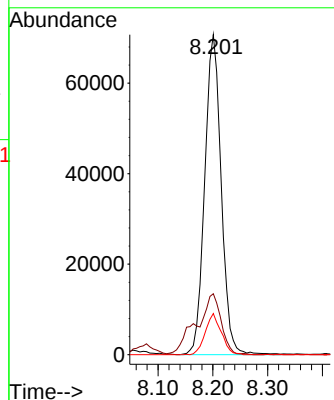
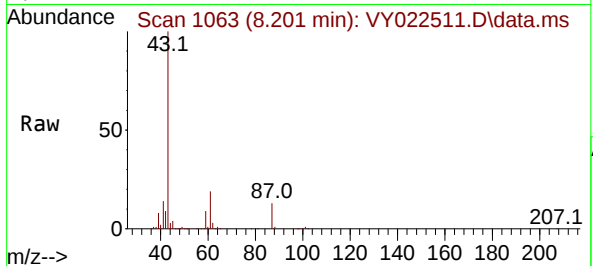




#43
Isopropyl Acetate
Concen: 49.636 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

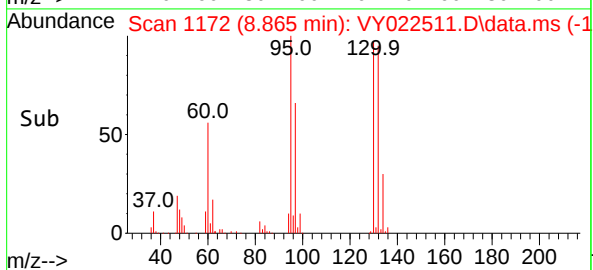
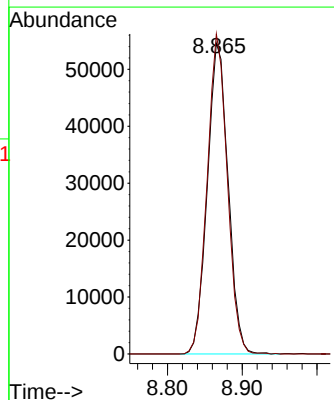
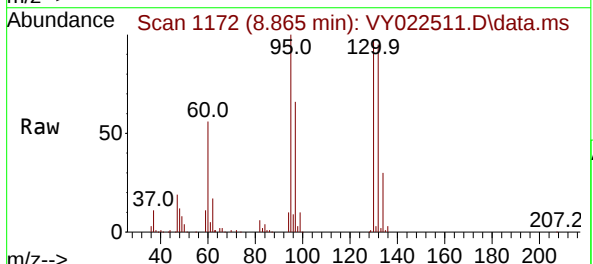
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

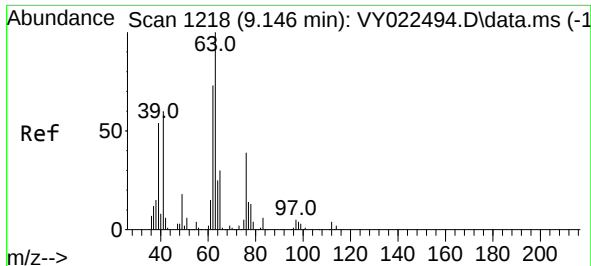
Tgt Ion: 43 Resp: 147544
Ion Ratio Lower Upper
43 100
61 27.8 15.6 23.4#
87 12.4 10.2 15.4



#44
Trichloroethene
Concen: 47.347 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion:130 Resp: 105484
Ion Ratio Lower Upper
130 100
95 102.9 0.0 203.0





#45

1,2-Dichloropropane

Concen: 48.737 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

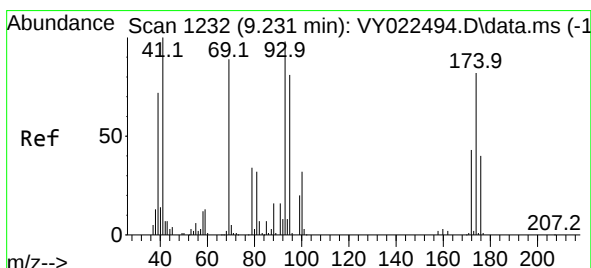
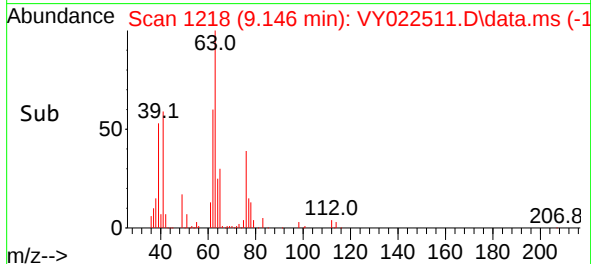
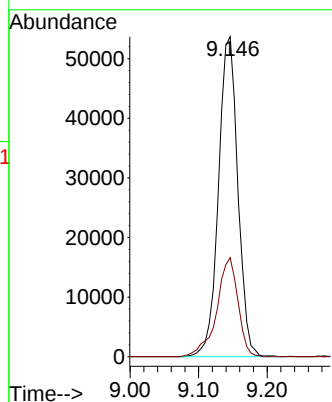
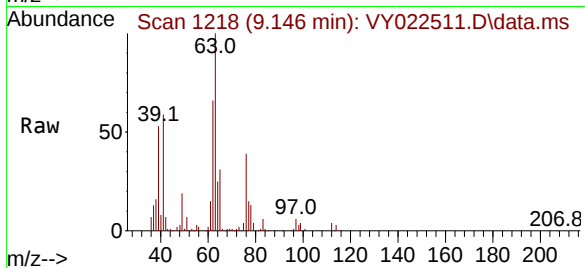
VSTDCCC050

Tgt Ion: 63 Resp: 104997

Ion Ratio Lower Upper

63 100

65 30.9 24.0 36.0



#46

Dibromomethane

Concen: 49.250 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

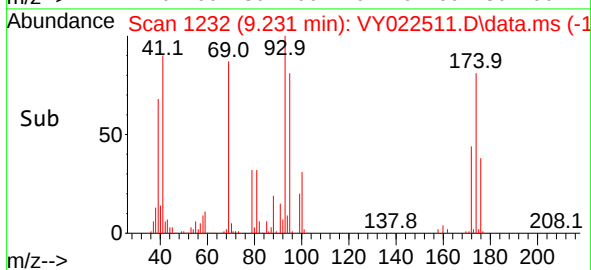
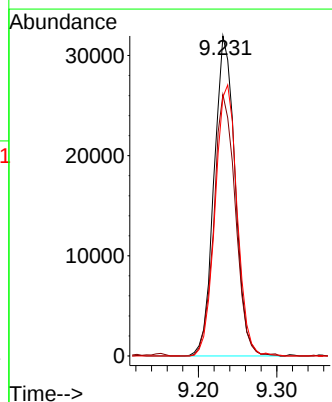
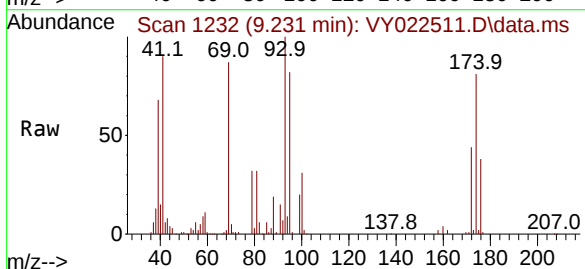
Tgt Ion: 93 Resp: 59691

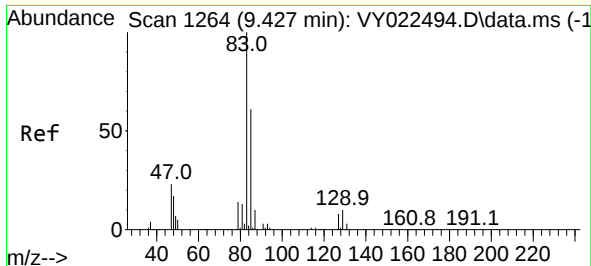
Ion Ratio Lower Upper

93 100

95 83.7 65.6 98.4

174 88.4 70.4 105.6

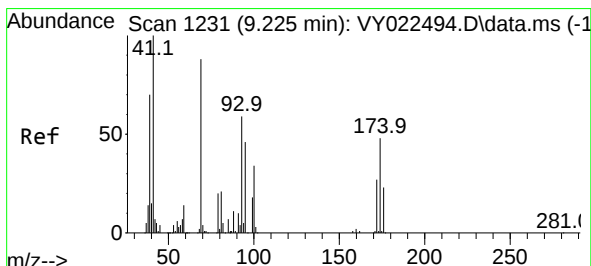
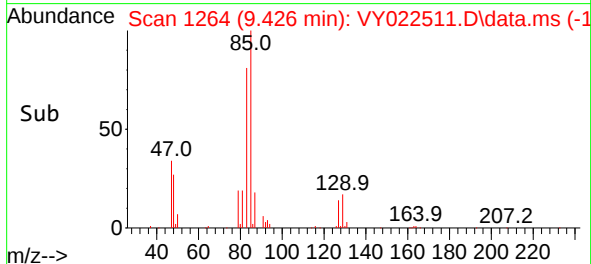
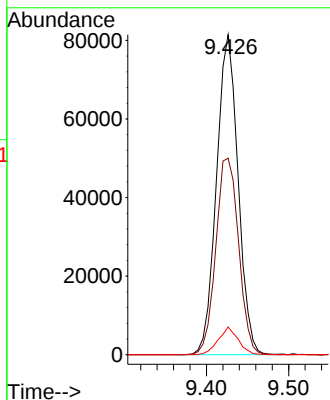
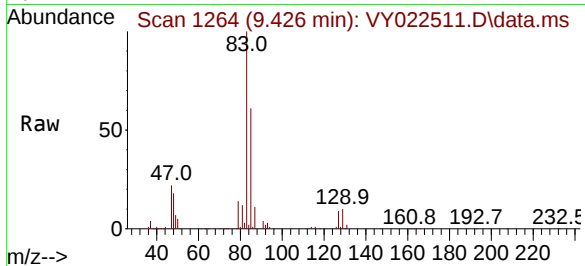




#47
Bromodichloromethane
Concen: 48.405 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

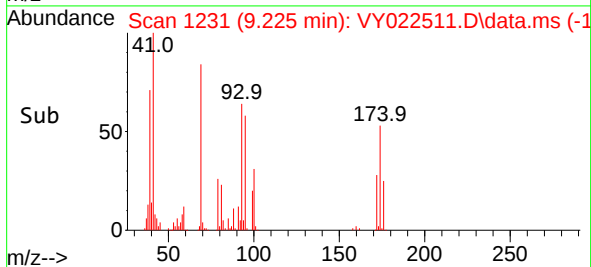
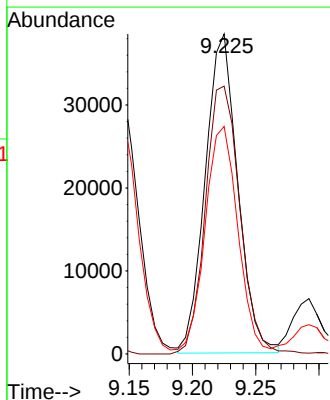
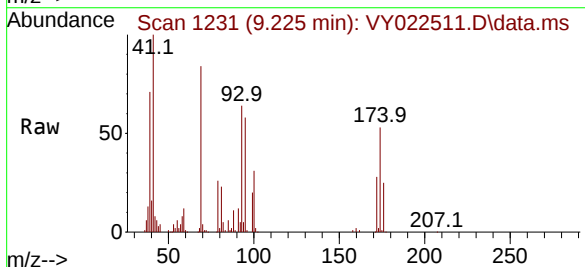
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

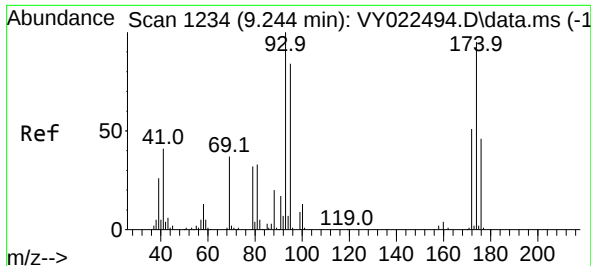
Tgt Ion: 83 Resp: 148757
Ion Ratio Lower Upper
83 100
85 61.4 49.1 73.7
127 8.6 6.2 9.4



#48
Methyl methacrylate
Concen: 49.282 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 41 Resp: 68753
Ion Ratio Lower Upper
41 100
69 89.0 67.8 101.8
39 69.7 55.0 82.4

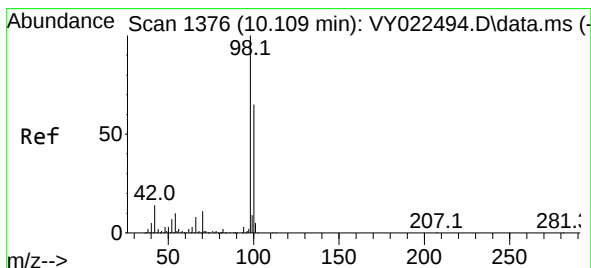
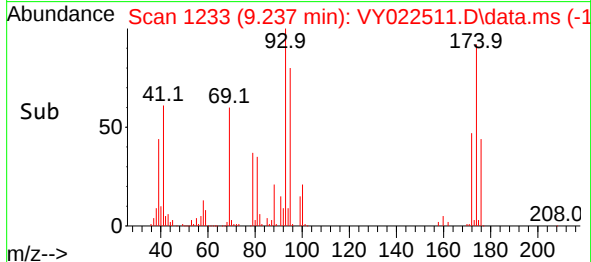
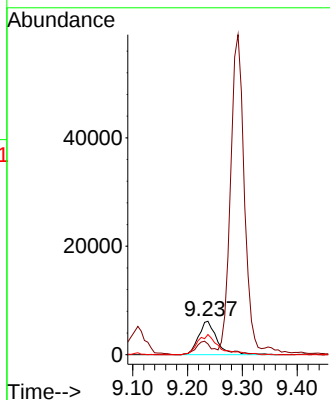
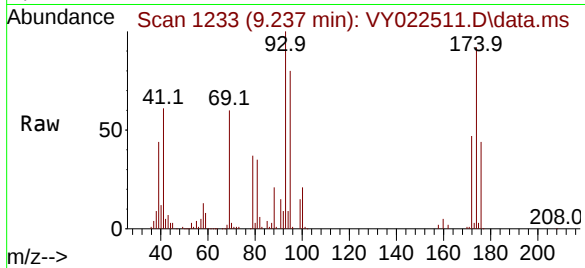




#49
1,4-Dioxane
Concen: 1023.633 ug/l
RT: 9.237 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

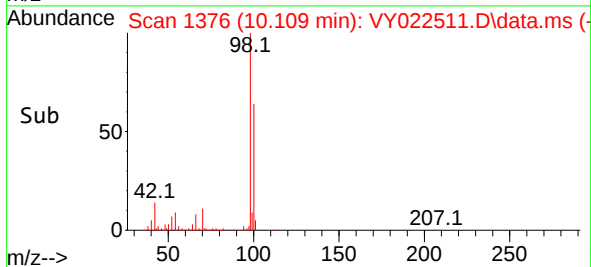
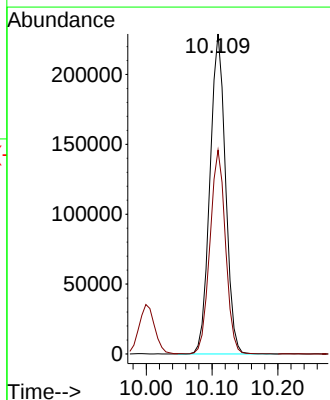
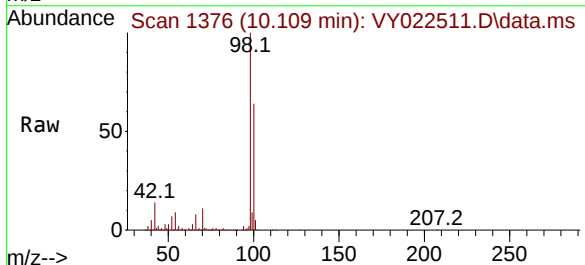
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

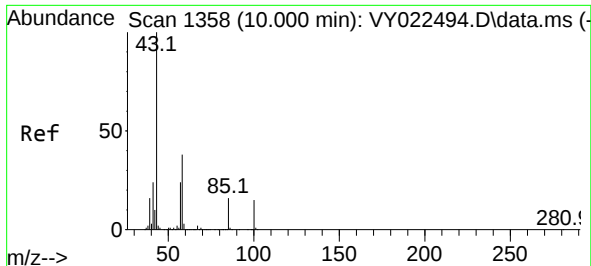
Tgt Ion: 88 Resp: 14698
Ion Ratio Lower Upper
88 100
43 33.7 25.4 38.2
58 68.1 54.9 82.3



#50
Toluene-d8
Concen: 49.035 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 98 Resp: 376768
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0

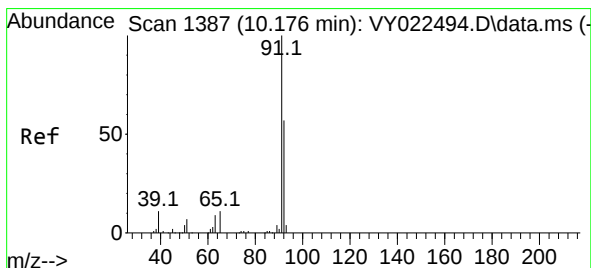
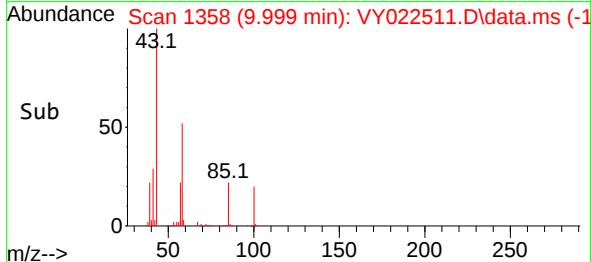
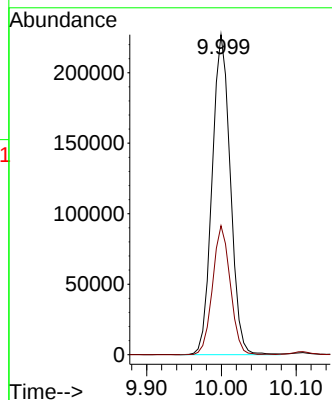
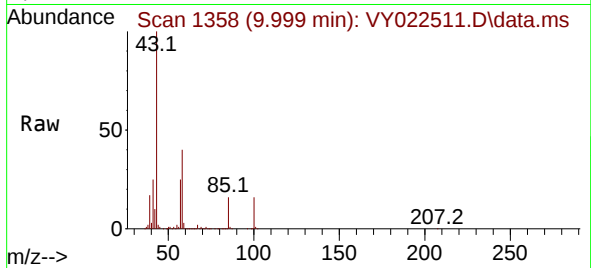




#51
4-Methyl-2-Pentanone
Concen: 259.628 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

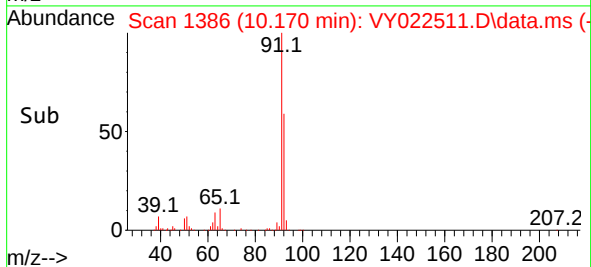
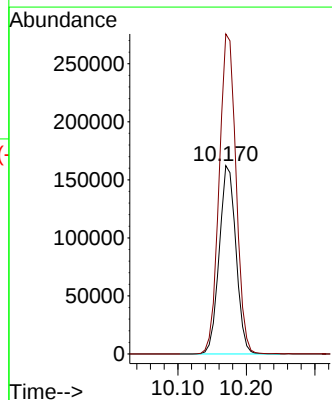
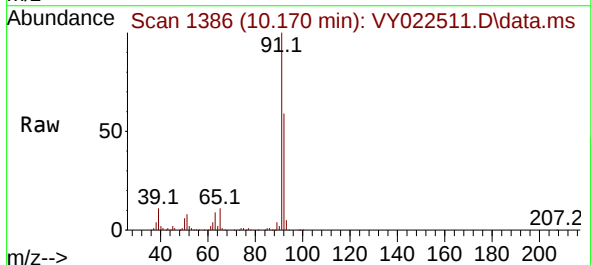
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

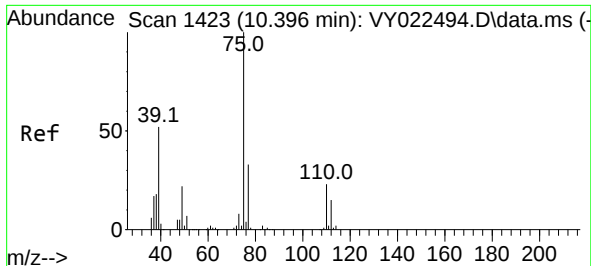
Tgt Ion: 43 Resp: 384770
Ion Ratio Lower Upper
43 100
58 39.2 30.4 45.6



#52
Toluene
Concen: 47.705 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 92 Resp: 273282
Ion Ratio Lower Upper
92 100
91 172.3 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 48.329 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. -0.000 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

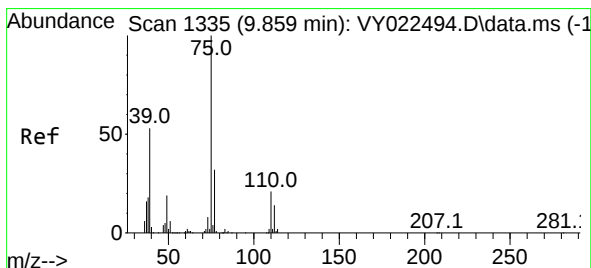
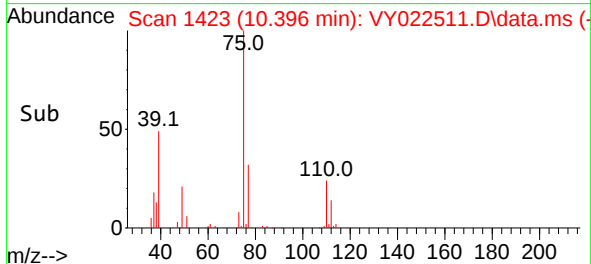
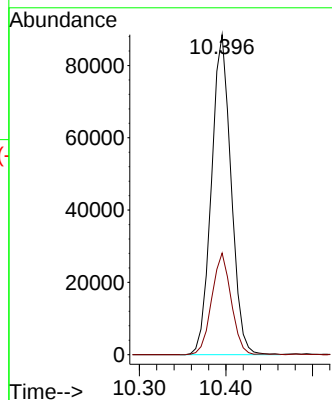
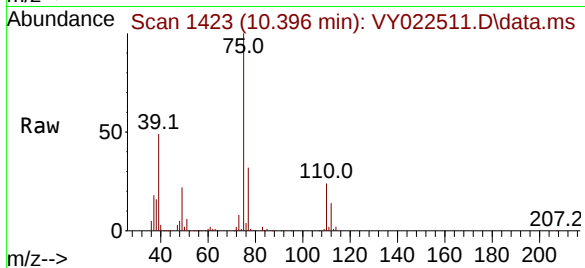
VSTDCCC050

Tgt Ion: 75 Resp: 139162

Ion Ratio Lower Upper

75 100

77 31.7 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 47.659 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. -0.000 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

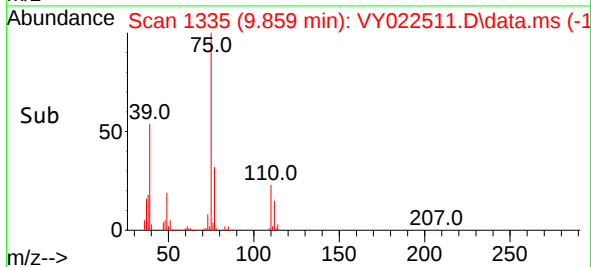
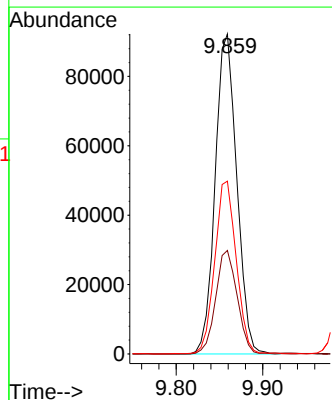
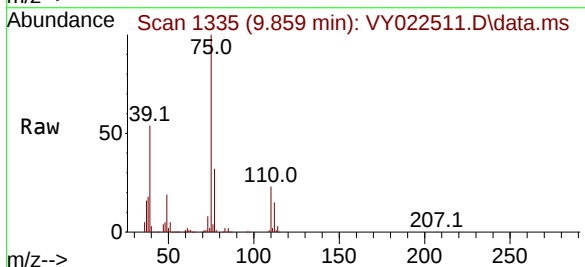
Tgt Ion: 75 Resp: 159750

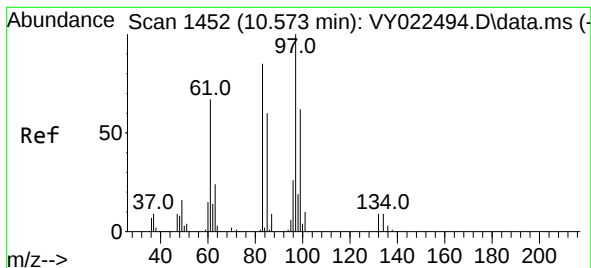
Ion Ratio Lower Upper

75 100

77 32.3 25.3 37.9

39 53.9 42.7 64.1

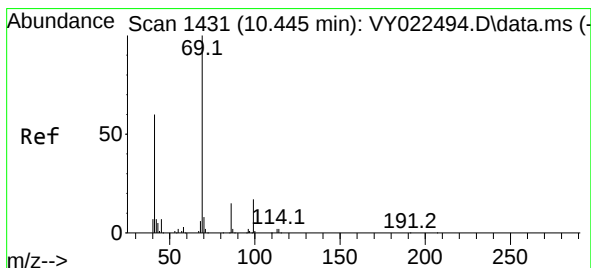
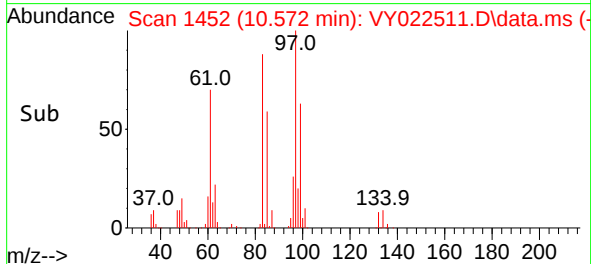
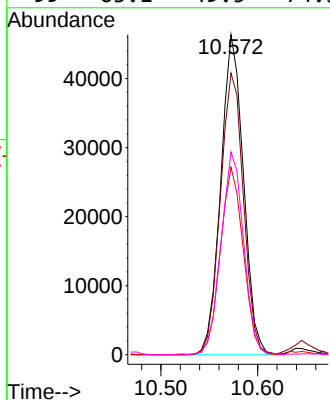
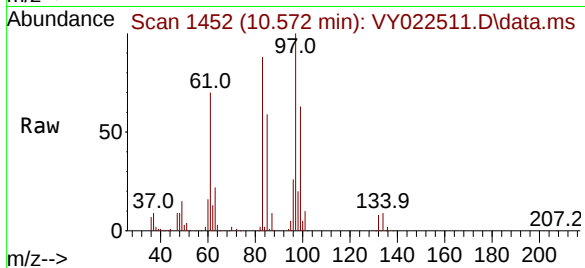




#55
1,1,2-Trichloroethane
Concen: 48.720 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

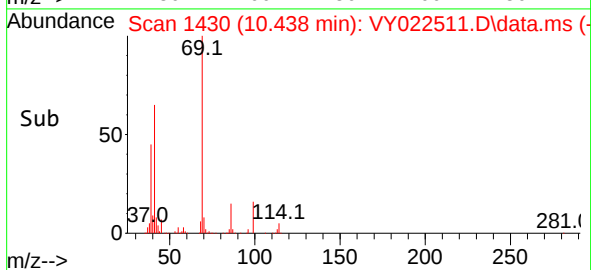
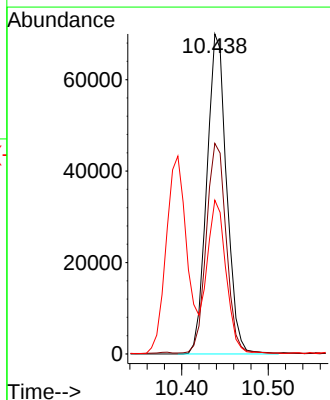
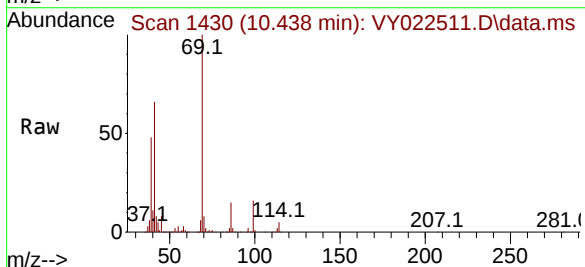
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

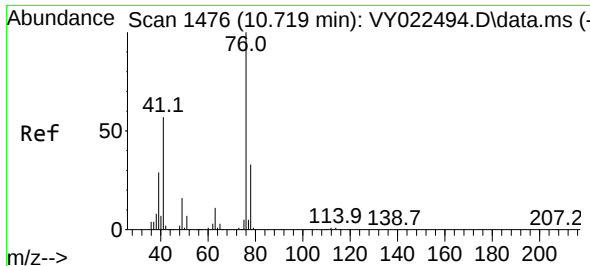
Tgt Ion:	97	Resp:	75295
Ion	Ratio	Lower	Upper
97	100		
83	88.0	68.1	102.1
85	58.5	48.2	72.2
99	63.1	49.5	74.3



#56
Ethyl methacrylate
Concen: 49.760 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion:	69	Resp:	111150
Ion	Ratio	Lower	Upper
69	100		
41	66.0	52.2	78.2
39	45.4	36.7	55.1





#57

1,3-Dichloropropane

Concen: 49.962 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

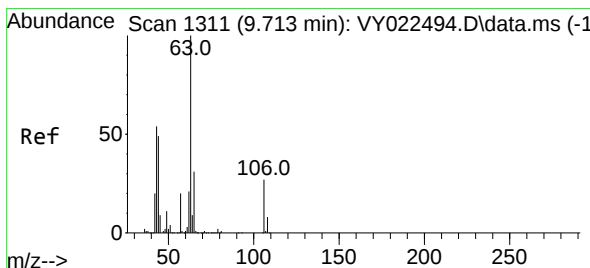
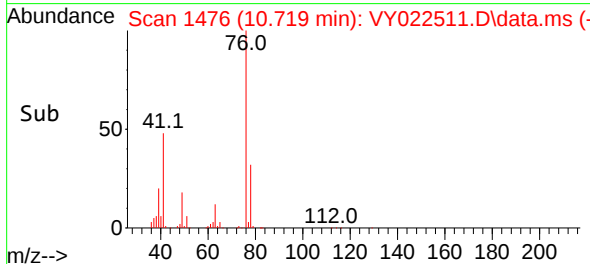
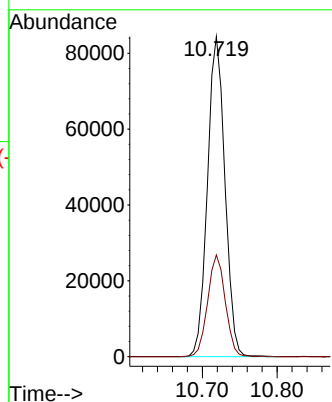
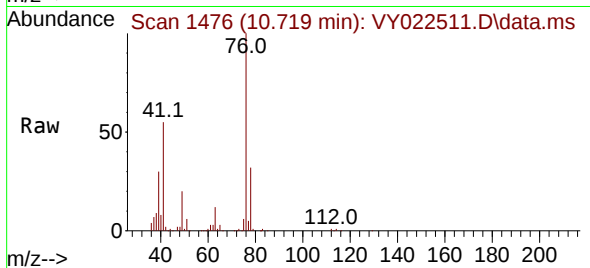
VSTDCCC050

Tgt Ion: 76 Resp: 136855

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 262.833 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022511.D

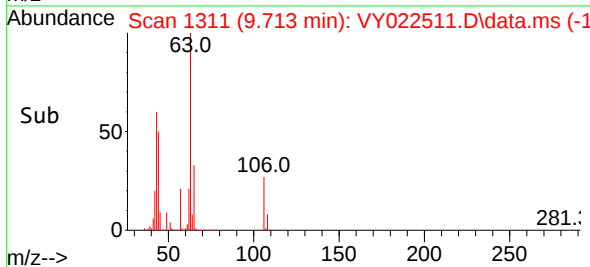
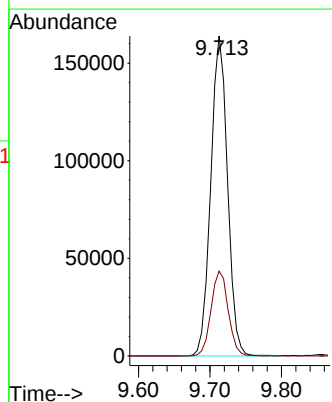
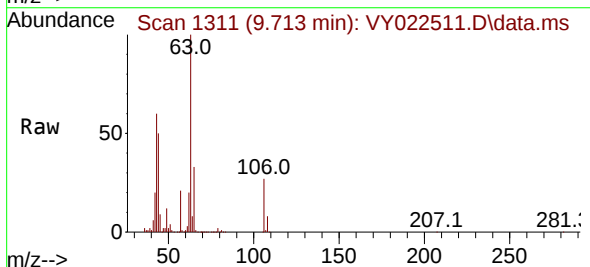
Acq: 02 Jun 2025 19:54

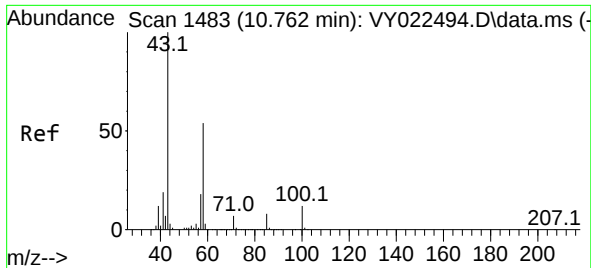
Tgt Ion: 63 Resp: 266551

Ion Ratio Lower Upper

63 100

106 27.1 21.6 32.4

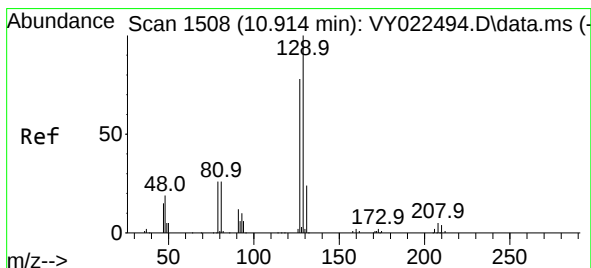
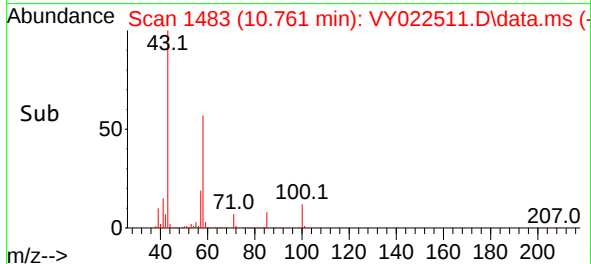
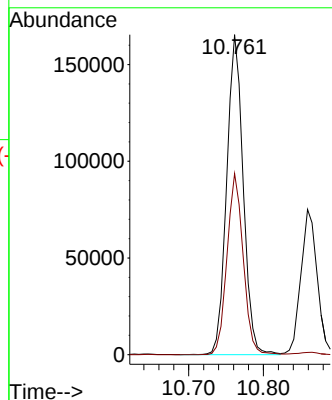
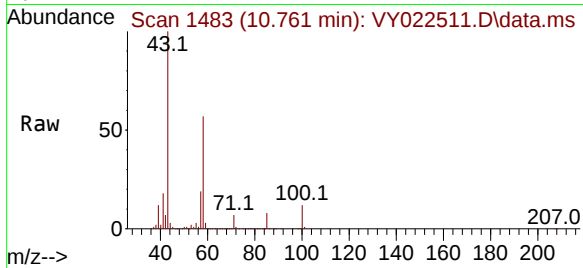




#59
2-Hexanone
Concen: 257.047 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

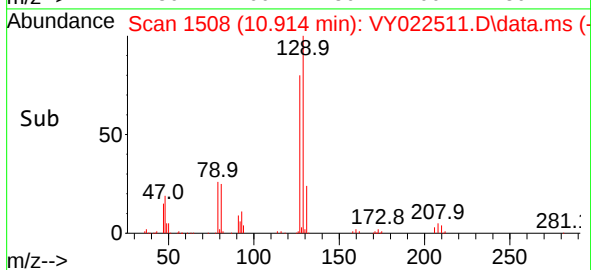
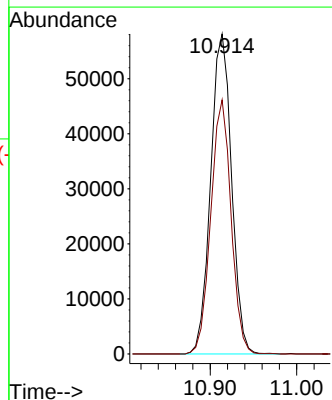
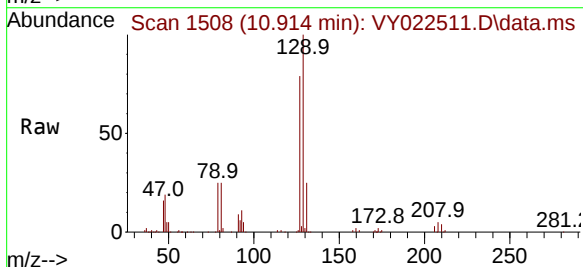
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

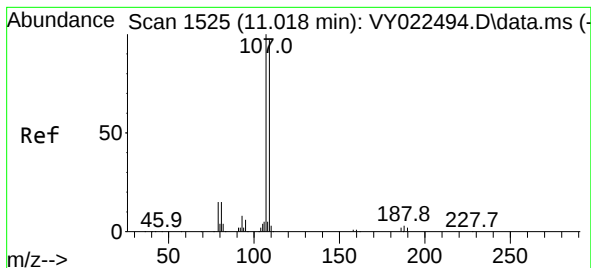
Tgt Ion: 43 Resp: 254773
Ion Ratio Lower Upper
43 100
58 55.5 27.3 81.8



#60
Dibromochloromethane
Concen: 49.603 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 129 Resp: 97421
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2

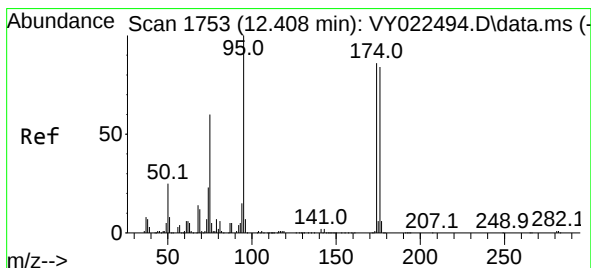
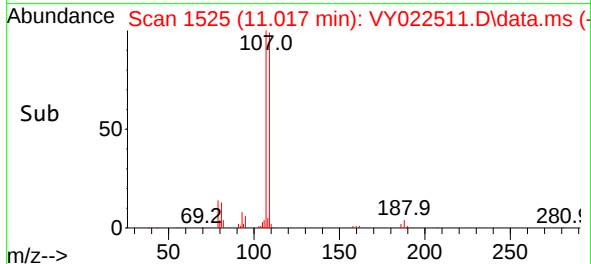
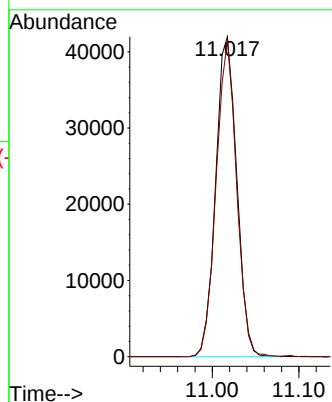
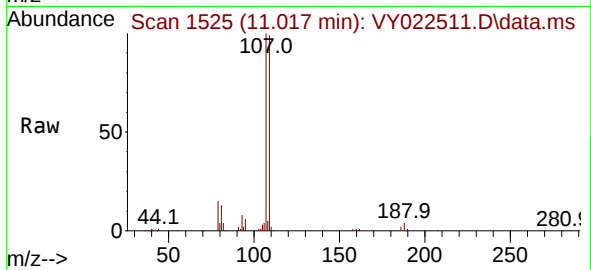




#61
1,2-Dibromoethane
Concen: 50.389 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

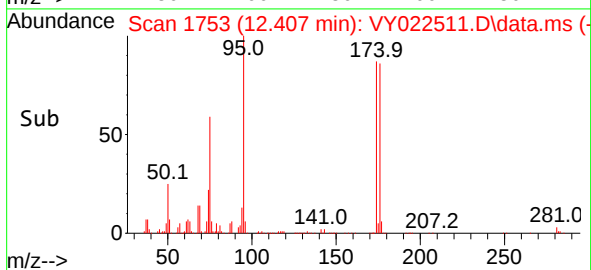
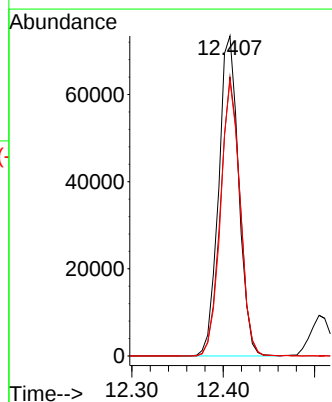
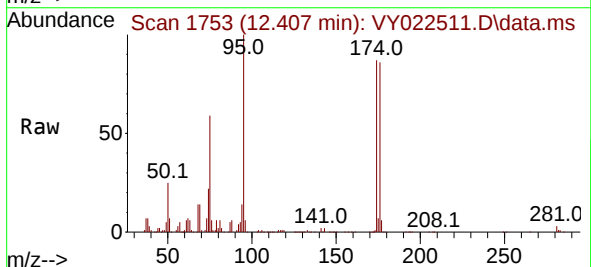
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

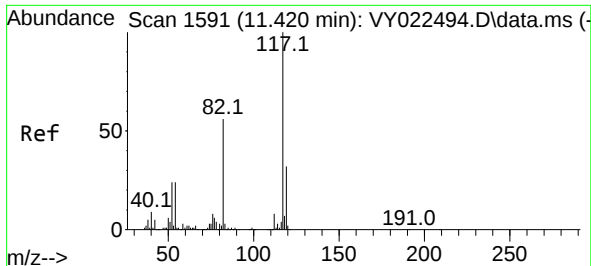
Tgt Ion:107 Resp: 70978
Ion Ratio Lower Upper
107 100
109 95.6 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 48.911 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 95 Resp: 111975
Ion Ratio Lower Upper
95 100
174 85.0 0.0 170.0
176 83.6 0.0 166.2

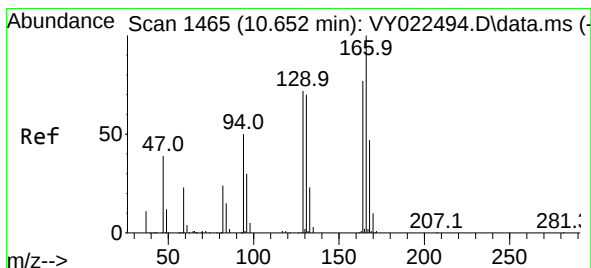
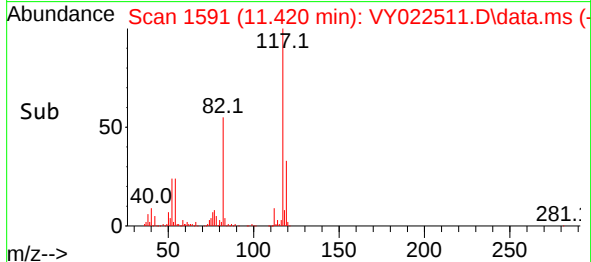
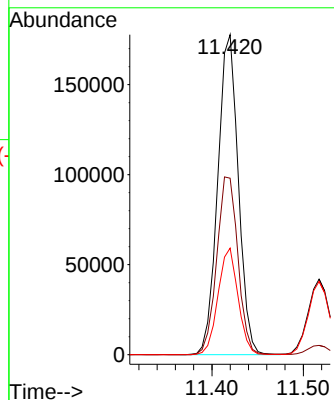
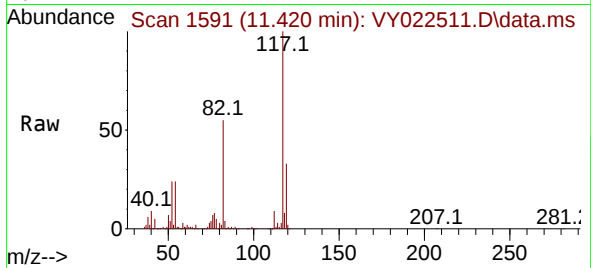




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

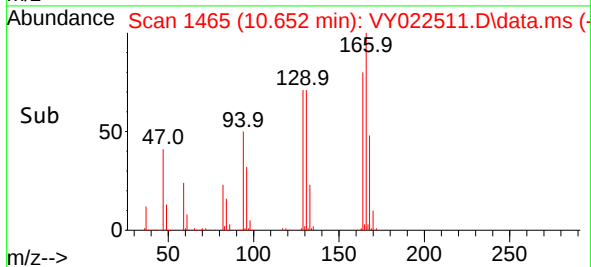
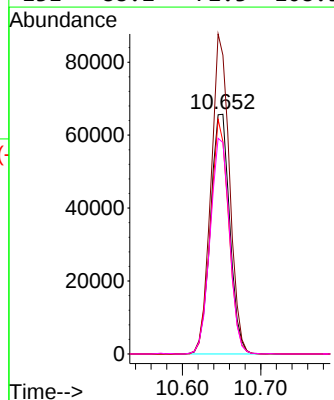
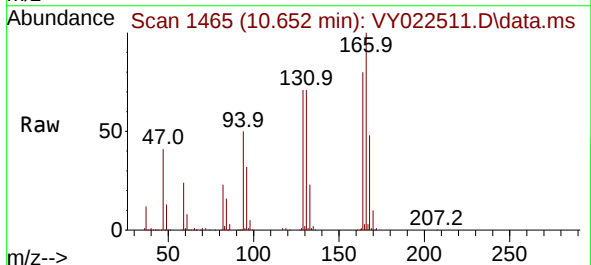
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

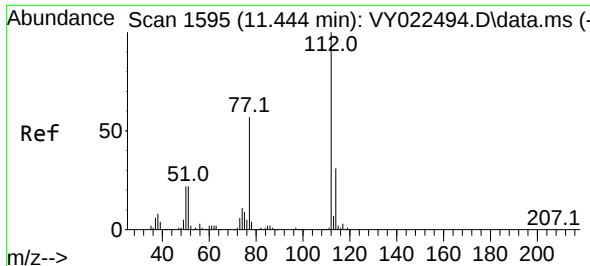
Tgt Ion:117 Resp: 278485
Ion Ratio Lower Upper
117 100
82 55.1 44.6 66.8
119 33.3 25.4 38.0



#64
Tetrachloroethene
Concen: 46.940 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion:164 Resp: 112448
Ion Ratio Lower Upper
164 100
166 124.7 104.0 156.0
129 88.6 74.5 111.7
131 88.2 72.3 108.5

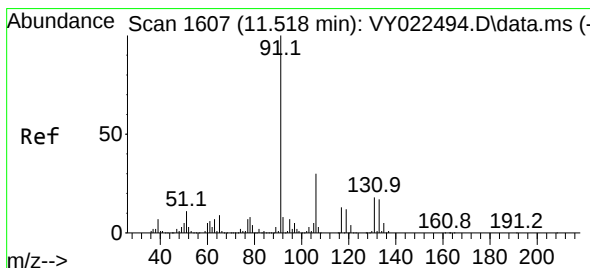
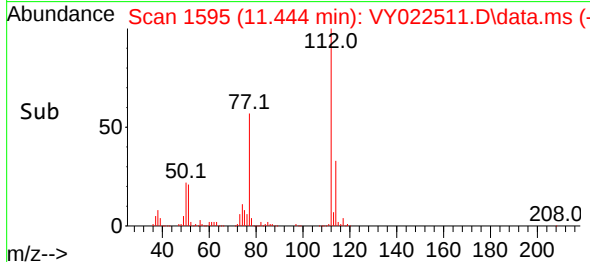
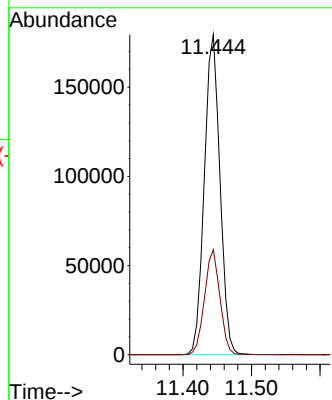
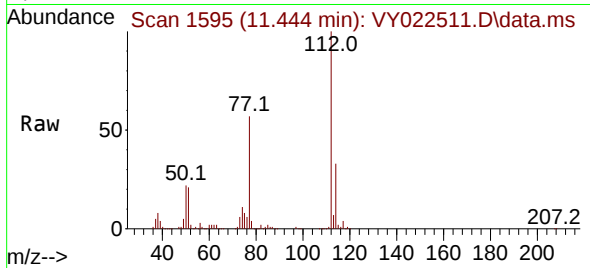




#65
Chlorobenzene
Concen: 46.359 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

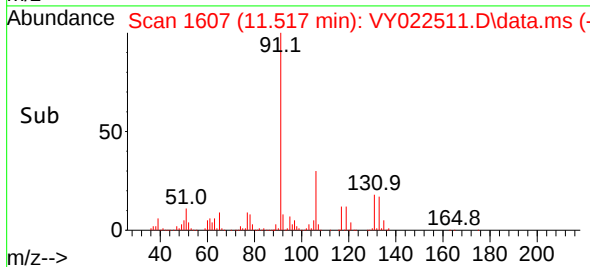
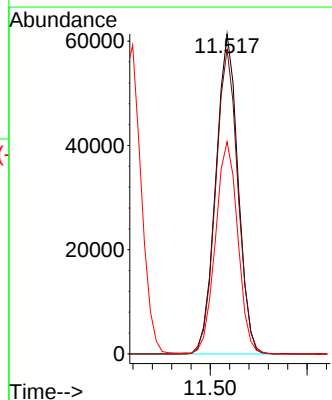
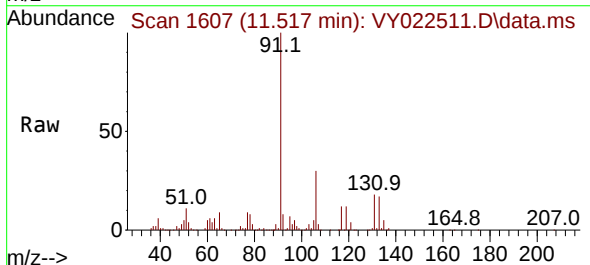
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

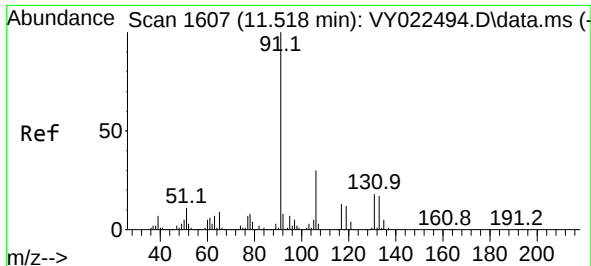
Tgt Ion:112 Resp: 285686
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 46.990 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion:131 Resp: 97551
Ion Ratio Lower Upper
131 100
133 95.8 47.3 141.8
119 66.9 33.1 99.3





#67

Ethyl Benzene

Concen: 45.694 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

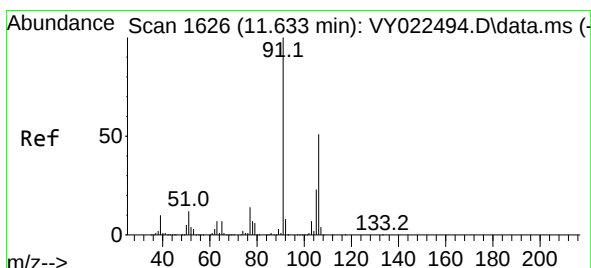
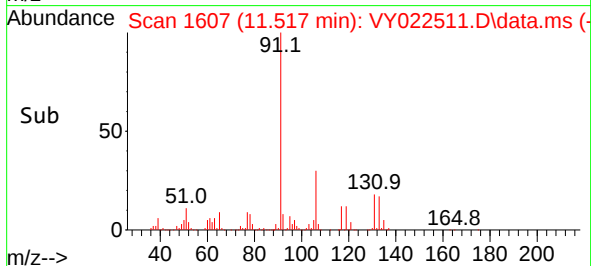
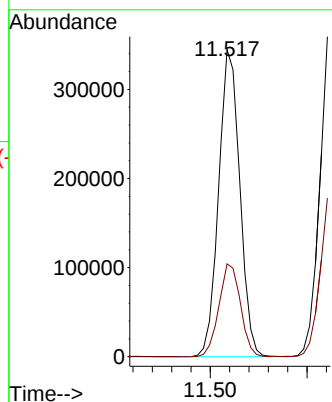
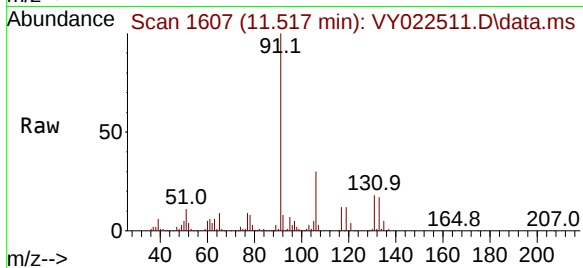
VSTDCCC050

Tgt Ion: 91 Resp: 522290

Ion Ratio Lower Upper

91 100

106 30.2 24.2 36.4



#68

m/p-Xylenes

Concen: 92.079 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022511.D

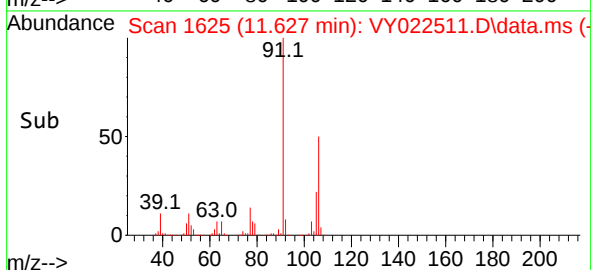
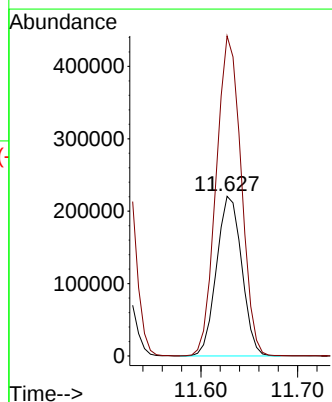
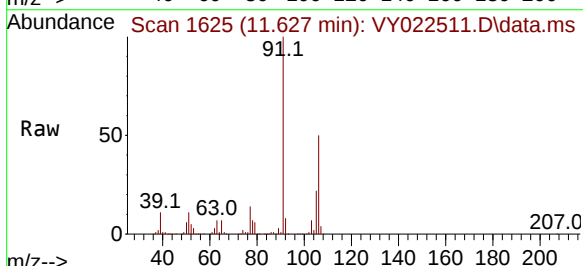
Acq: 02 Jun 2025 19:54

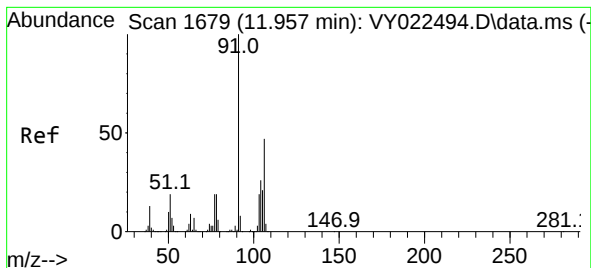
Tgt Ion:106 Resp: 398984

Ion Ratio Lower Upper

106 100

91 198.5 159.4 239.0

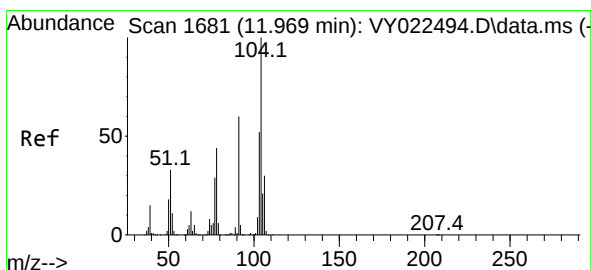
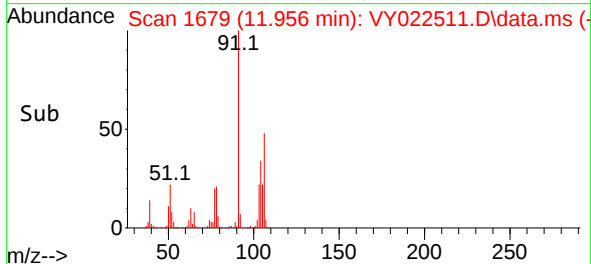
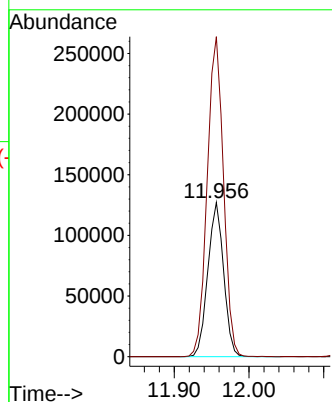
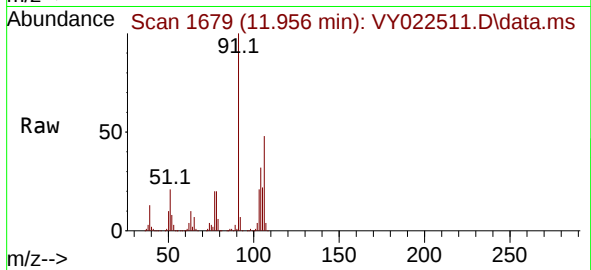




#69
o-Xylene
Concen: 45.988 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

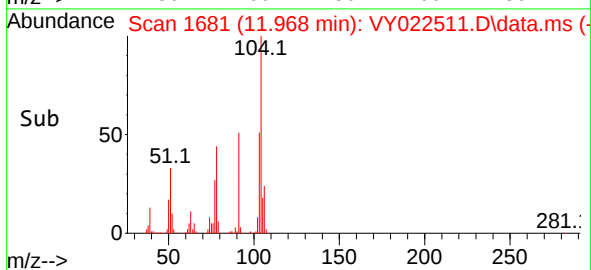
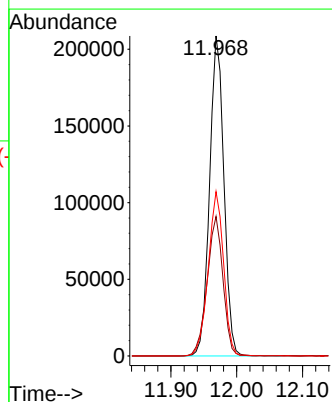
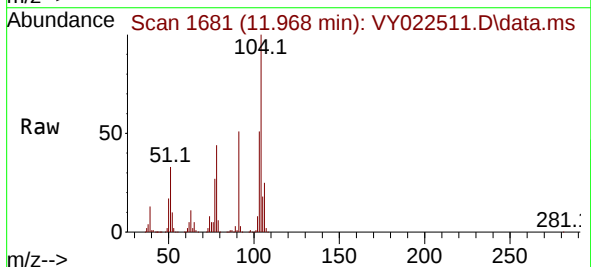
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

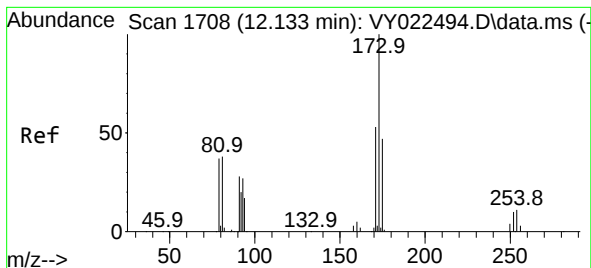
Tgt Ion:106 Resp: 186828
Ion Ratio Lower Upper
106 100
91 213.6 105.8 317.3



#70
Styrene
Concen: 47.165 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion:104 Resp: 316725
Ion Ratio Lower Upper
104 100
78 48.0 39.5 59.3
103 55.2 44.1 66.1





#71

Bromoform

Concen: 48.457 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

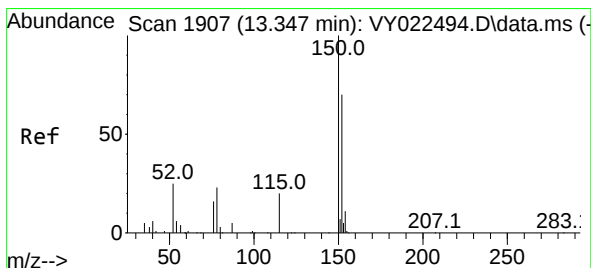
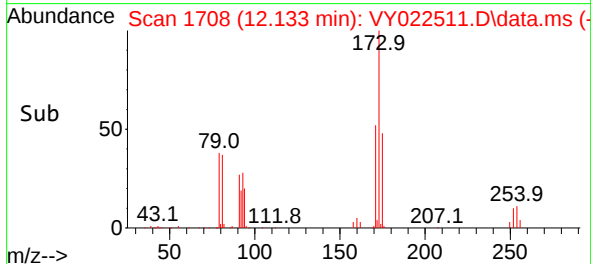
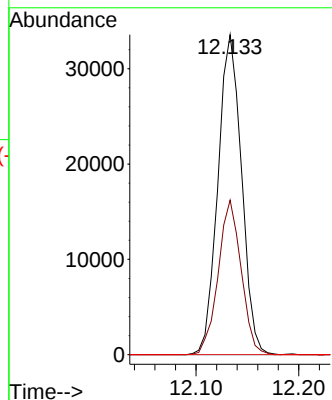
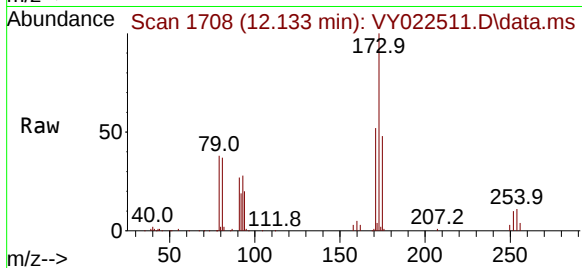
Tgt Ion:173 Resp: 53532

Ion Ratio Lower Upper

173 100

175 46.9 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

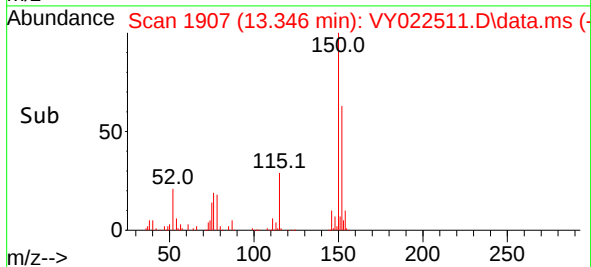
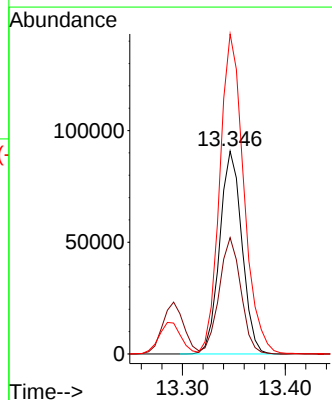
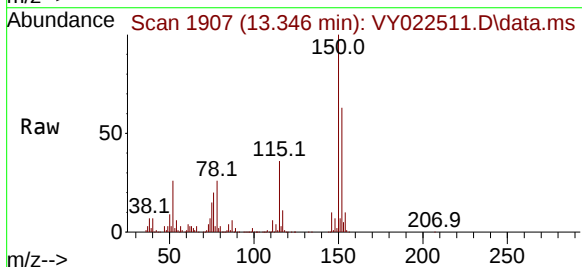
Tgt Ion:152 Resp: 136139

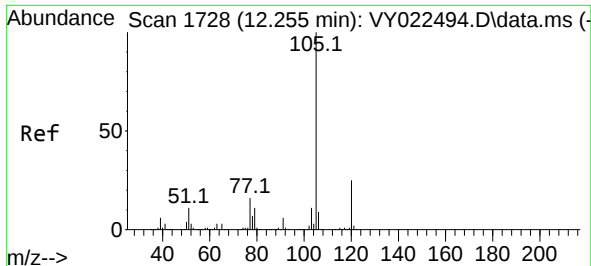
Ion Ratio Lower Upper

152 100

115 56.2 28.9 86.7

150 170.5 0.0 349.6

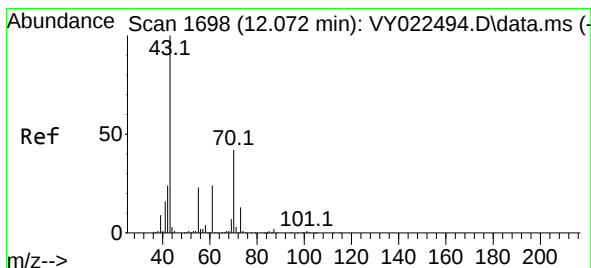
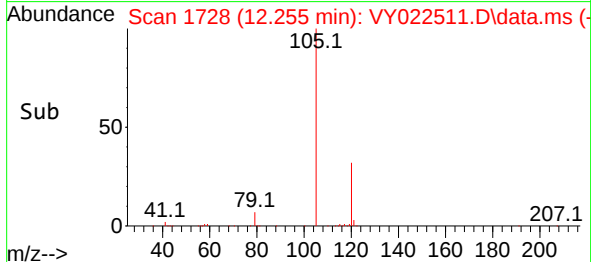
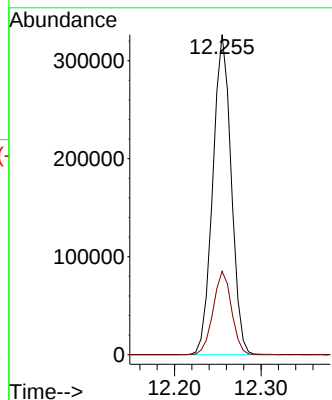
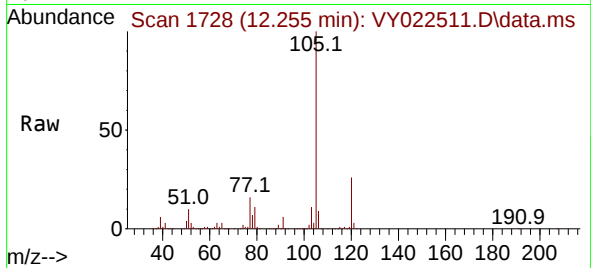




#73
Isopropylbenzene
Concen: 43.153 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

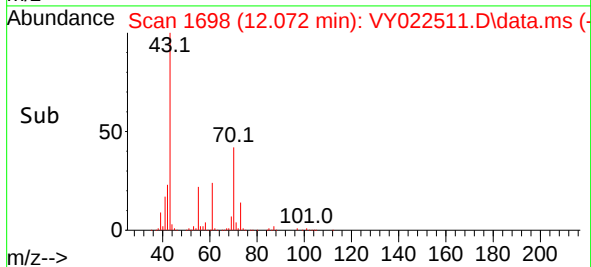
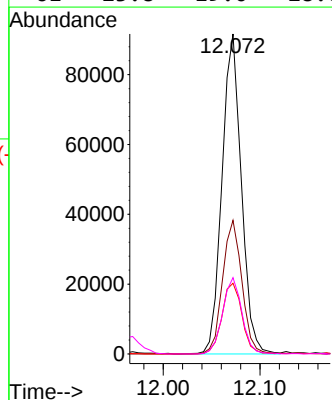
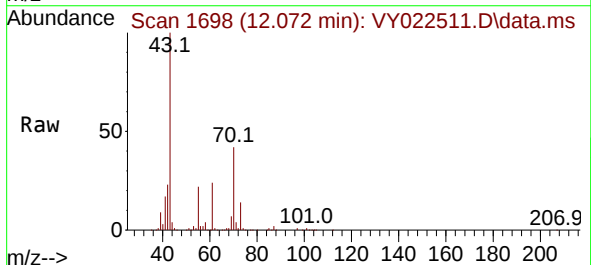
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

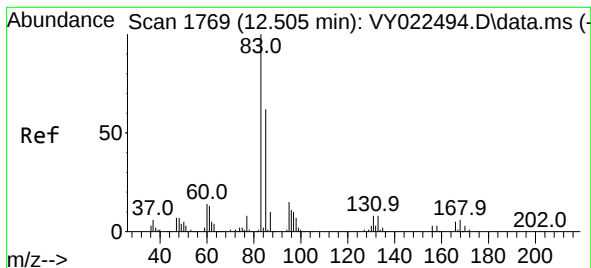
Tgt Ion:105 Resp: 482324
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#74
N-ethyl acetate
Concen: 45.108 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 43 Resp: 127212
Ion Ratio Lower Upper
43 100
70 41.9 34.2 51.2
55 23.0 18.2 27.4
61 23.8 19.0 28.6





#75

1,1,2-Tetrachloroethane

Concen: 46.060 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

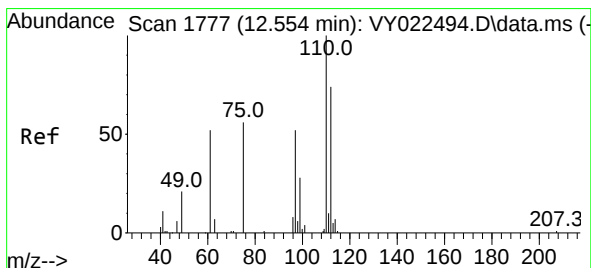
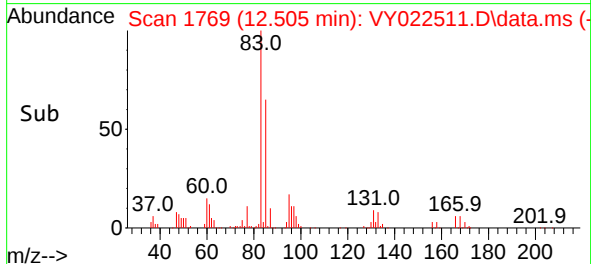
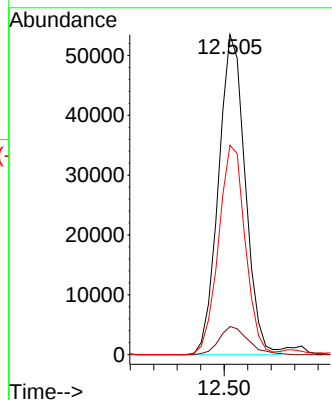
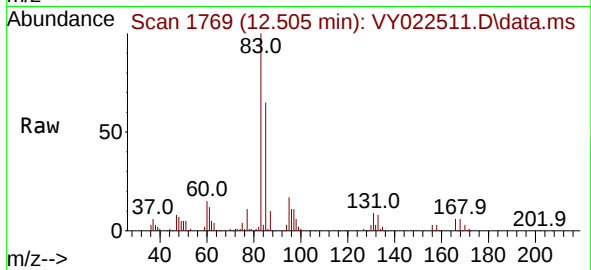
Tgt Ion: 83 Resp: 84494

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

85 65.4 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 74.807 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022511.D

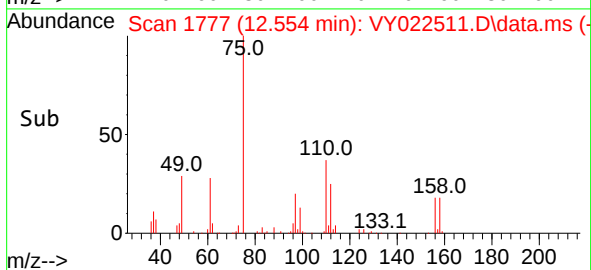
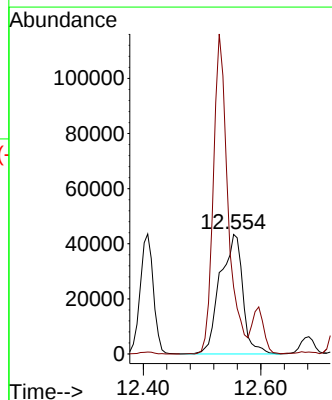
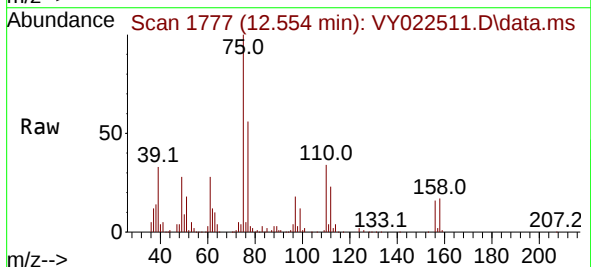
Acq: 02 Jun 2025 19:54

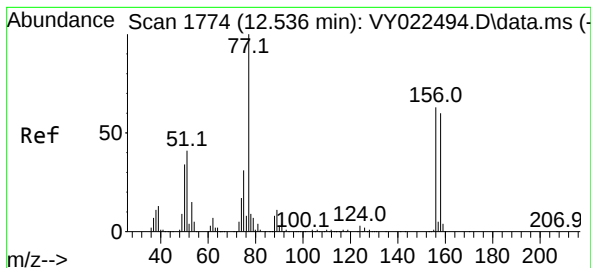
Tgt Ion: 75 Resp: 116511

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 43.917 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

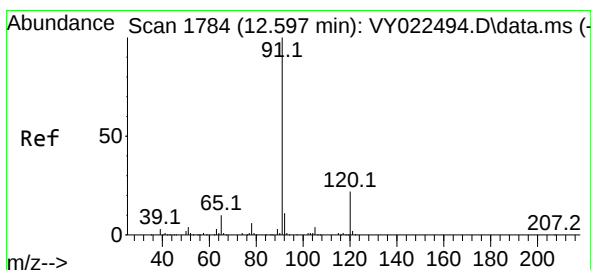
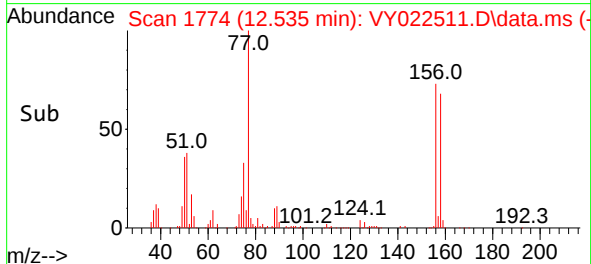
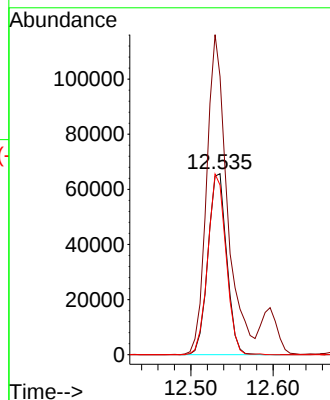
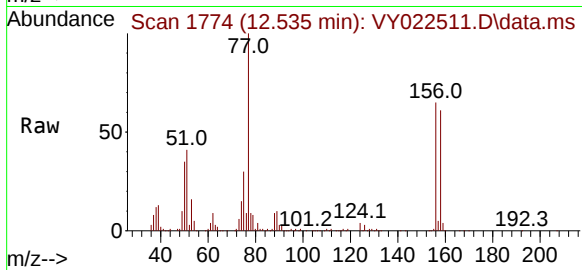
Tgt Ion:156 Resp: 103584

Ion Ratio Lower Upper

156 100

77 195.4 94.0 282.1

158 97.8 48.2 144.6



#78

n-propylbenzene

Concen: 42.721 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY022511.D

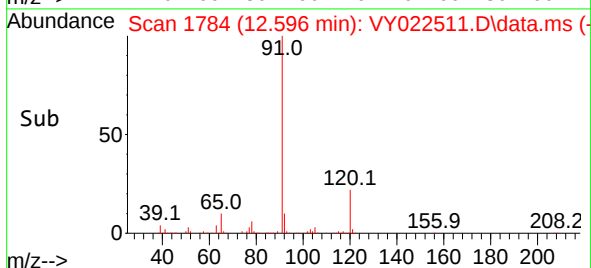
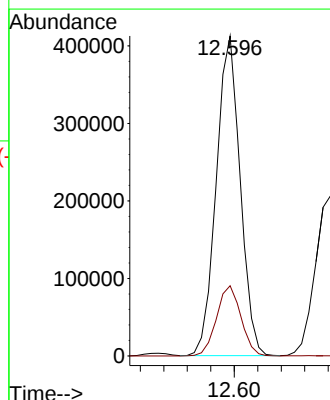
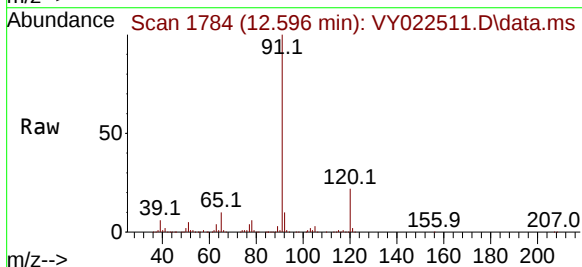
Acq: 02 Jun 2025 19:54

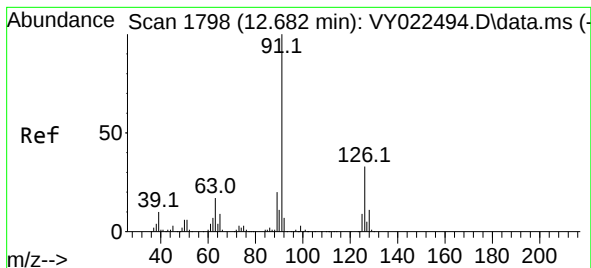
Tgt Ion: 91 Resp: 583200

Ion Ratio Lower Upper

91 100

120 22.4 10.8 32.4





#79

2-Chlorotoluene

Concen: 43.262 ug/l

RT: 12.682 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

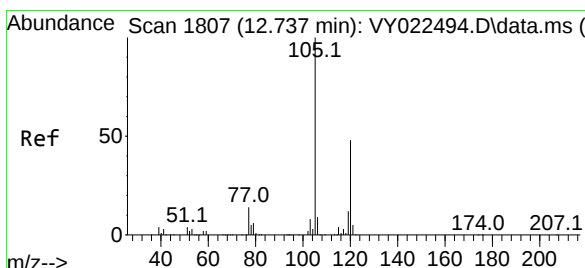
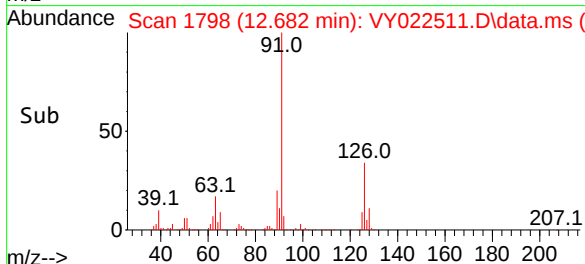
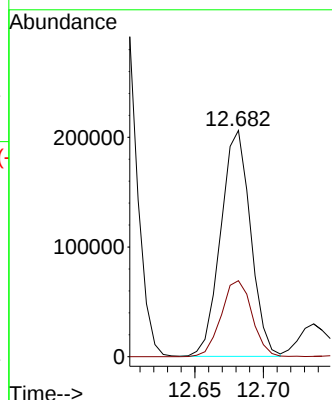
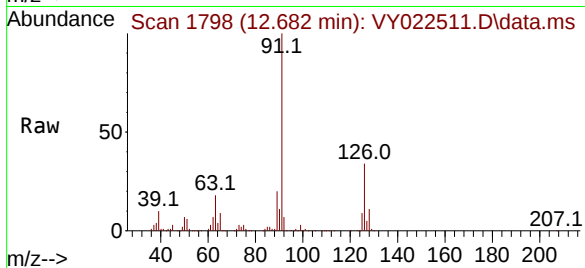
VSTDCCC050

Tgt Ion: 91 Resp: 313013

Ion Ratio Lower Upper

91 100

126 34.7 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 43.752 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022511.D

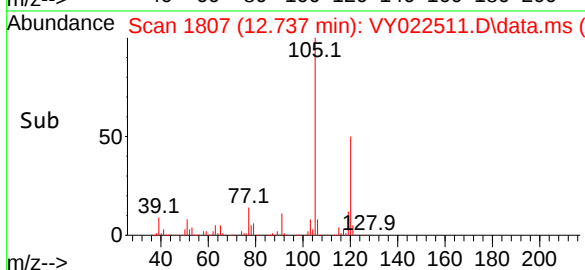
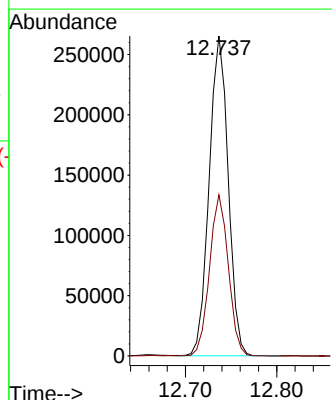
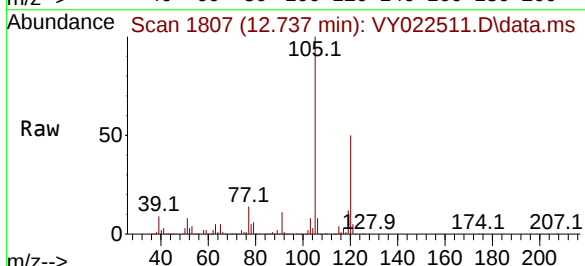
Acq: 02 Jun 2025 19:54

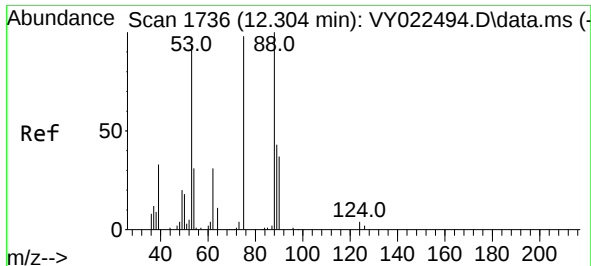
Tgt Ion: 105 Resp: 383918

Ion Ratio Lower Upper

105 100

120 49.8 24.1 72.4

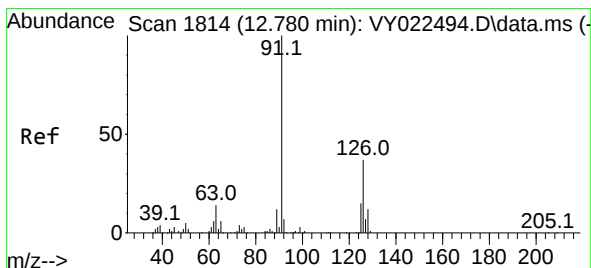
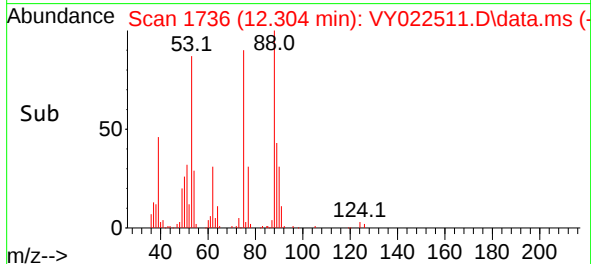
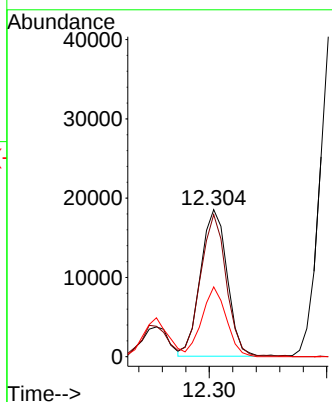
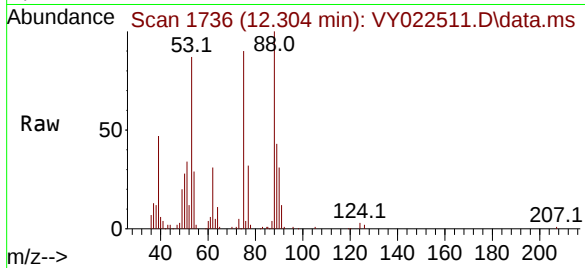




#81
trans-1,4-Dichloro-2-butene
Concen: 45.153 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

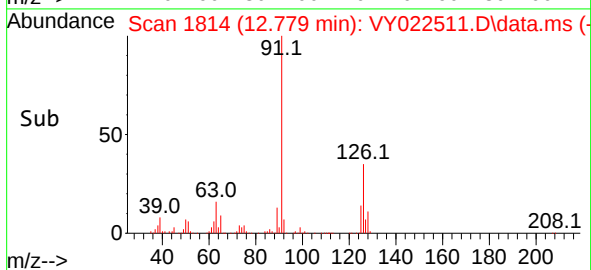
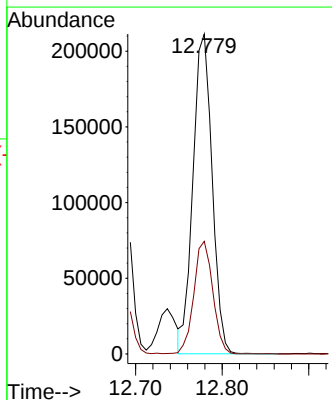
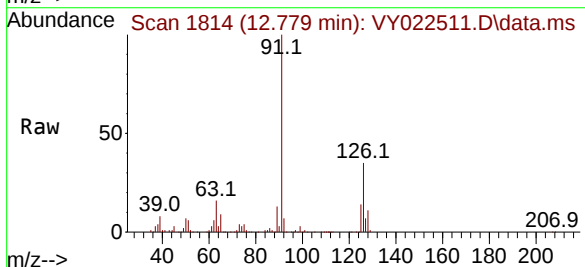
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

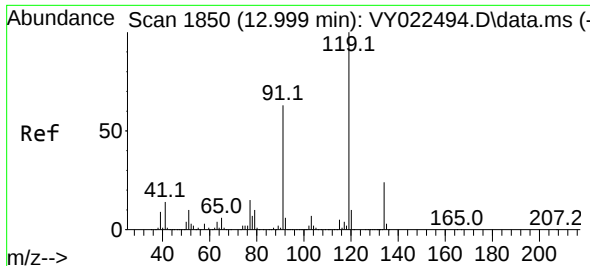
Tgt Ion: 75 Resp: 29121
Ion Ratio Lower Upper
75 100
53 94.3 78.5 117.7
89 43.5 35.7 53.5



#82
4-Chlorotoluene
Concen: 43.449 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 91 Resp: 324302
Ion Ratio Lower Upper
91 100
126 35.0 17.0 50.9

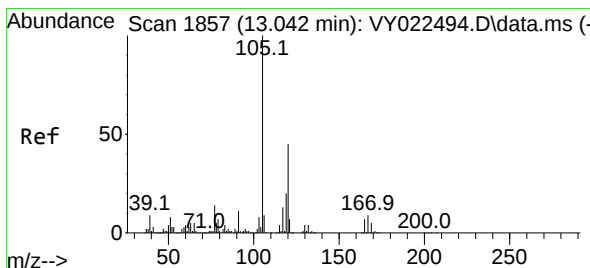
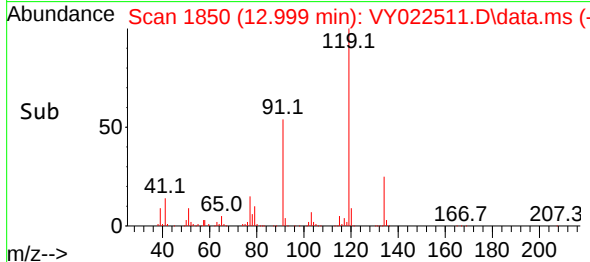
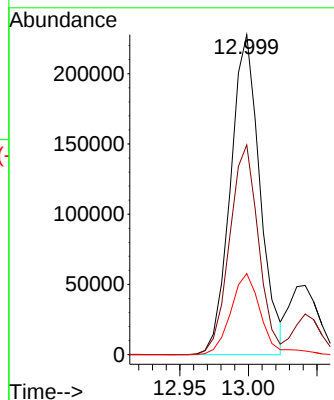
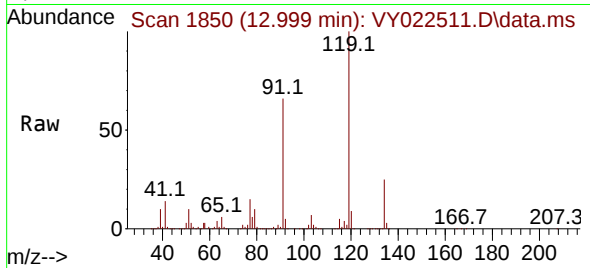




#83
 tert-Butylbenzene
 Concen: 43.250 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VY022511.D
 Acq: 02 Jun 2025 19:54

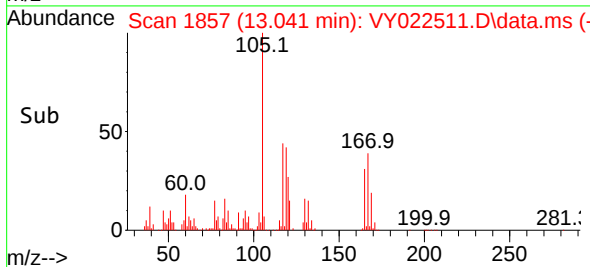
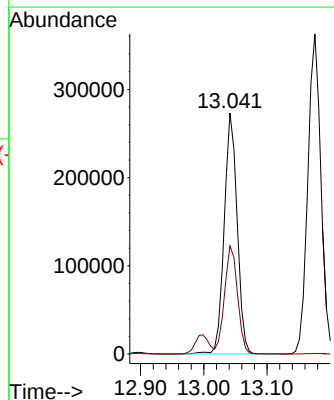
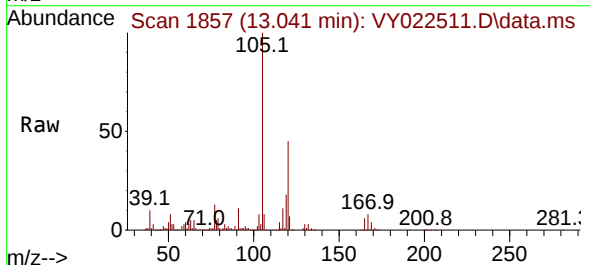
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

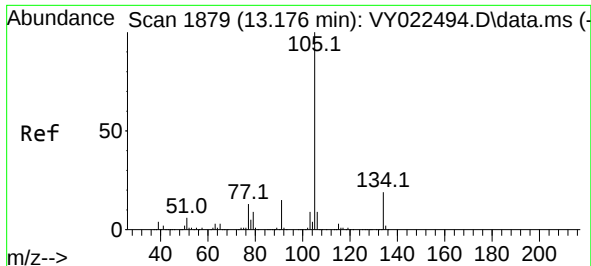
Tgt Ion:119 Resp: 340622
 Ion Ratio Lower Upper
 119 100
 91 64.3 32.1 96.3
 134 26.1 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 44.000 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY022511.D
 Acq: 02 Jun 2025 19:54

Tgt Ion:105 Resp: 386162
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.7 68.1

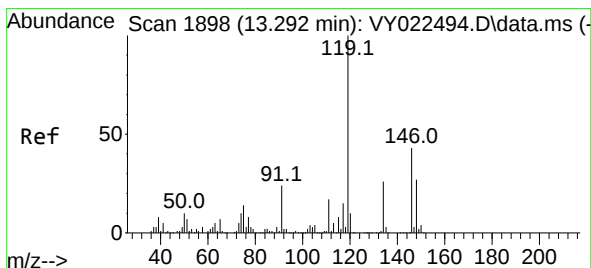
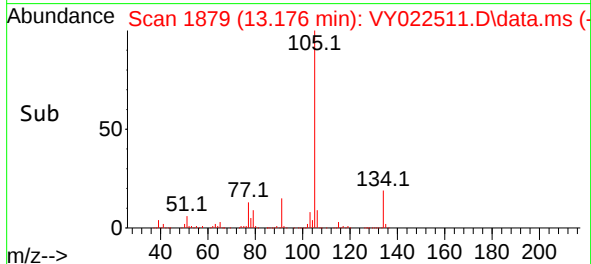
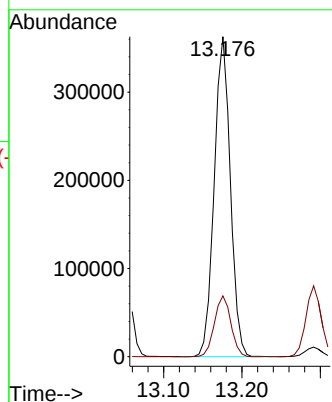
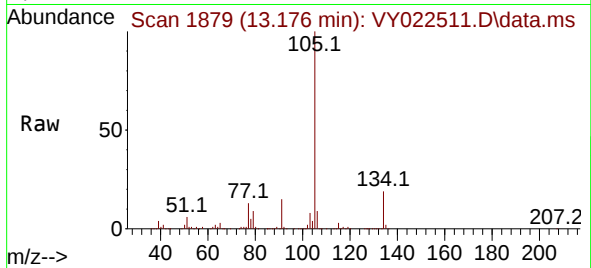




#85
 sec-Butylbenzene
 Concen: 42.988 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022511.D
 Acq: 02 Jun 2025 19:54

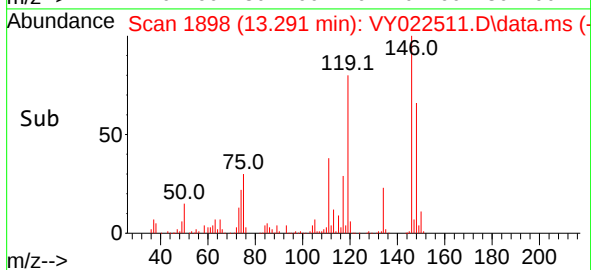
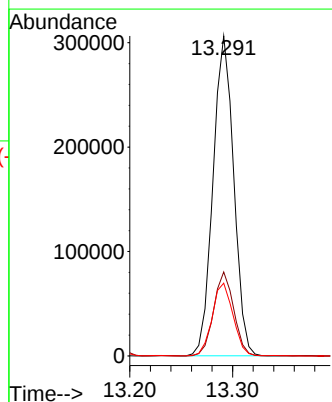
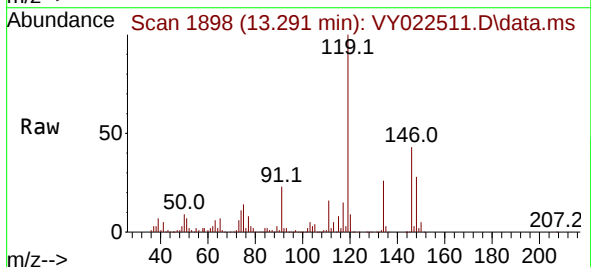
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 518518
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 43.113 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022511.D
 Acq: 02 Jun 2025 19:54

Tgt Ion:119 Resp: 428642
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.1 39.1
 91 22.9 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 43.673 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

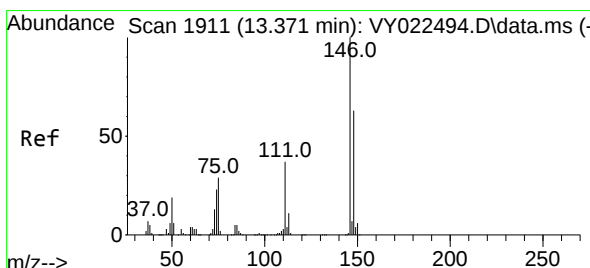
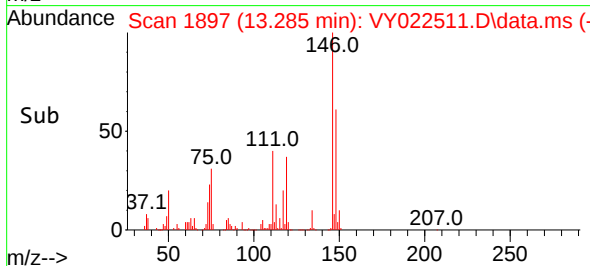
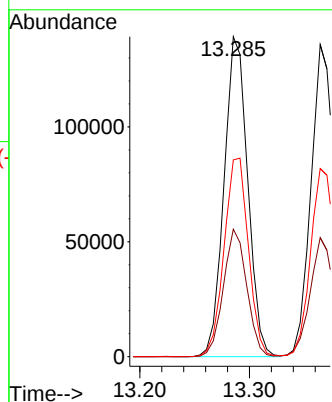
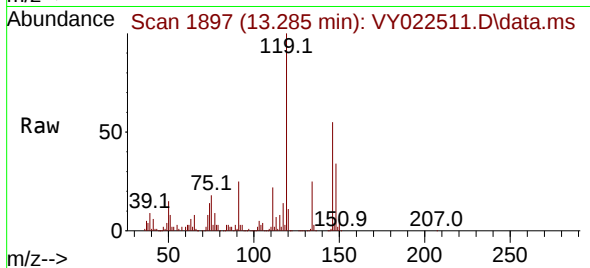
Tgt Ion:146 Resp: 208701

Ion Ratio Lower Upper

146 100

111 39.4 20.1 60.2

148 63.9 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 44.038 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

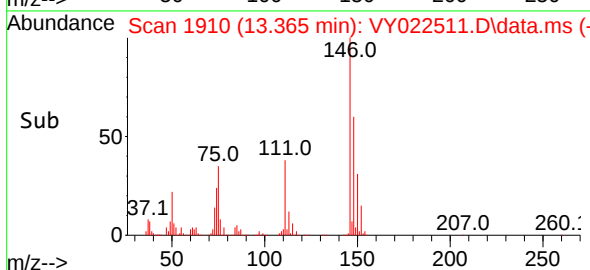
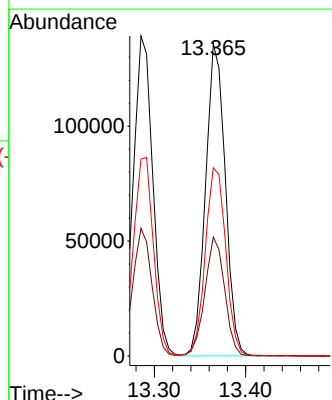
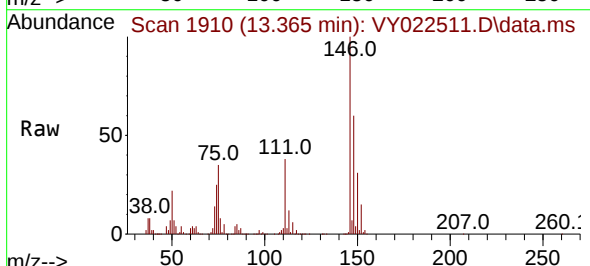
Tgt Ion:146 Resp: 204115

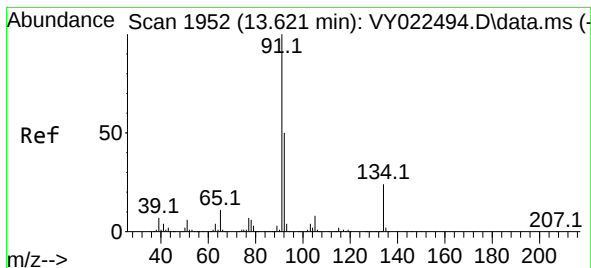
Ion Ratio Lower Upper

146 100

111 38.1 19.4 58.2

148 62.8 31.6 94.8





#89

n-Butylbenzene

Concen: 43.260 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

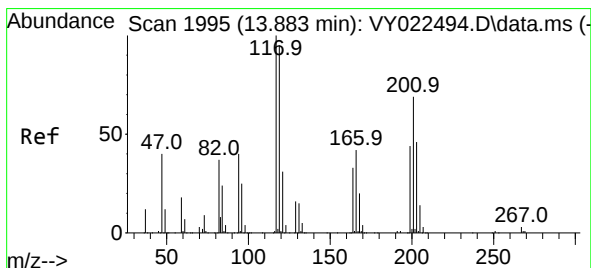
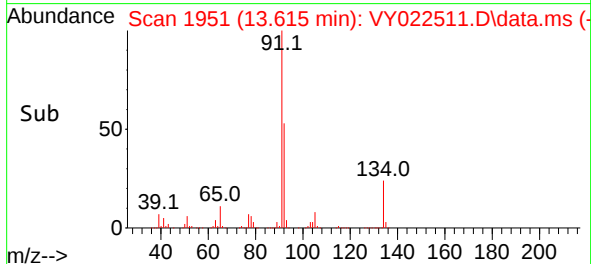
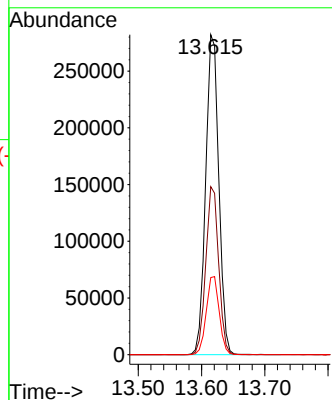
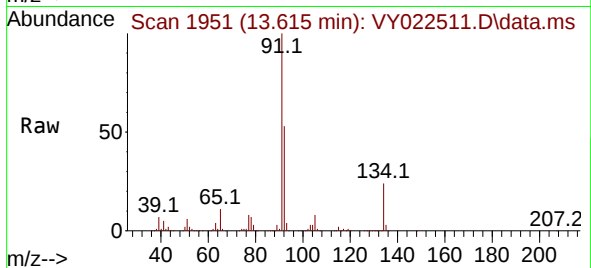
Tgt Ion: 91 Resp: 408064

Ion Ratio Lower Upper

91 100

92 51.6 25.9 77.8

134 24.1 12.0 36.1



#90

Hexachloroethane

Concen: 44.422 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022511.D

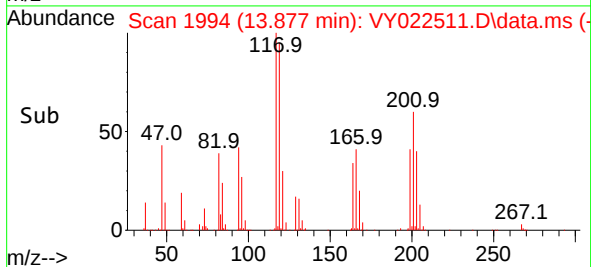
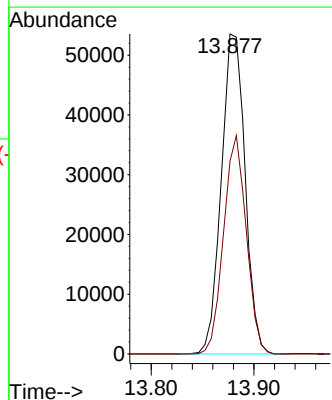
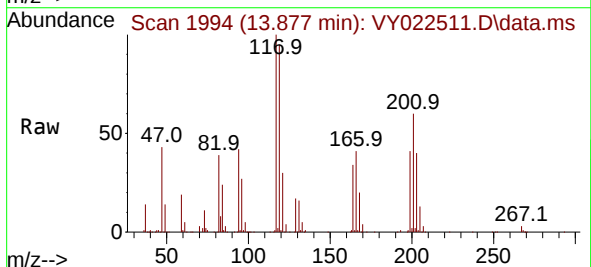
Acq: 02 Jun 2025 19:54

Tgt Ion: 117 Resp: 85982

Ion Ratio Lower Upper

117 100

201 65.1 34.0 102.0

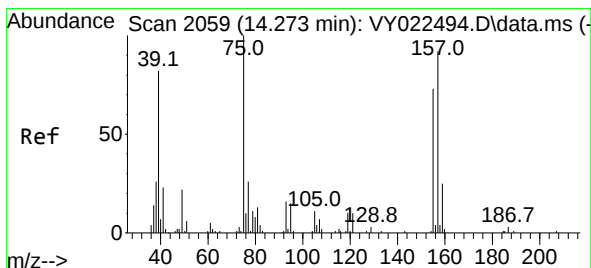
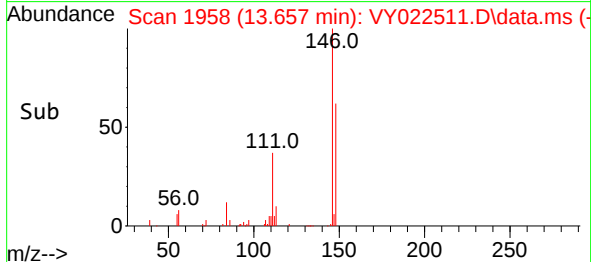
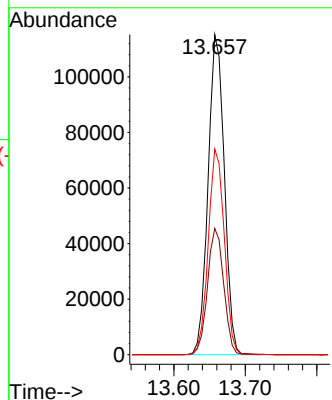
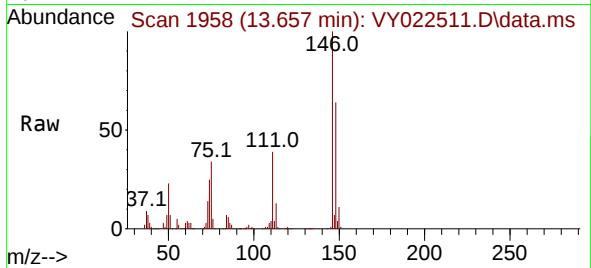




#91
1,2-Dichlorobenzene
Concen: 44.771 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

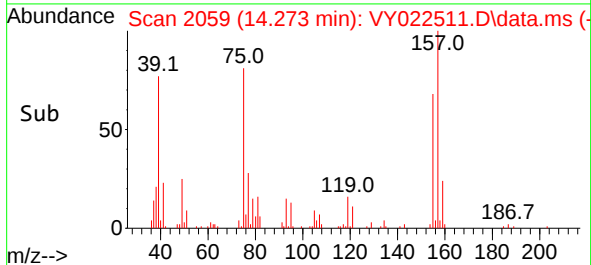
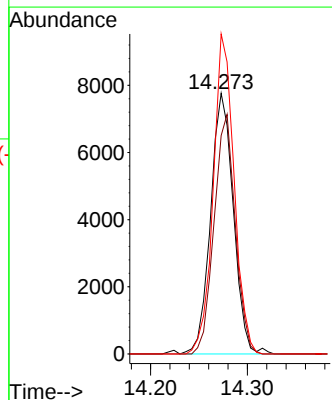
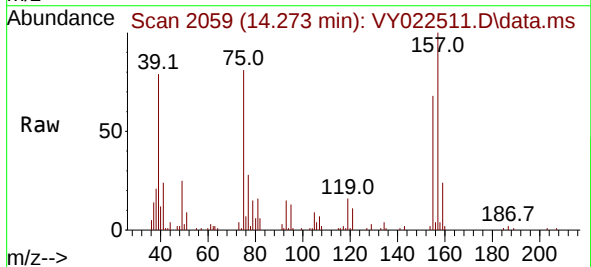
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

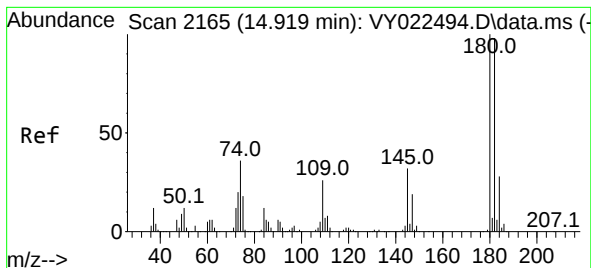
Tgt Ion:146 Resp: 181653
Ion Ratio Lower Upper
146 100
111 39.3 20.2 60.6
148 63.7 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.450 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 75 Resp: 12673
Ion Ratio Lower Upper
75 100
155 85.7 39.9 119.6
157 112.5 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 43.881 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

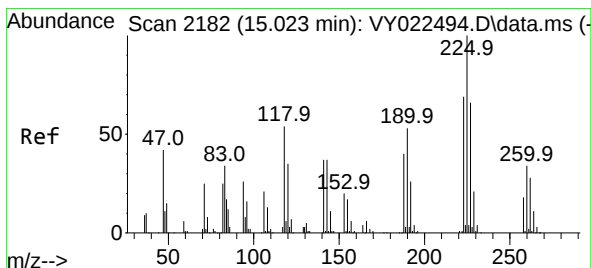
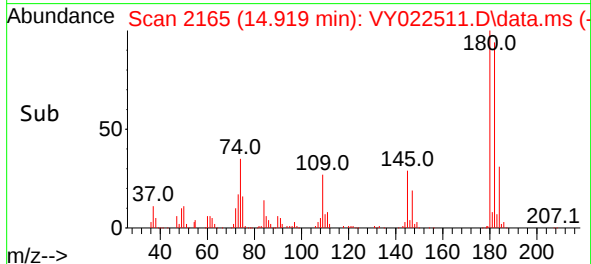
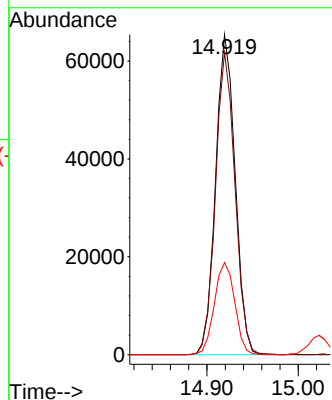
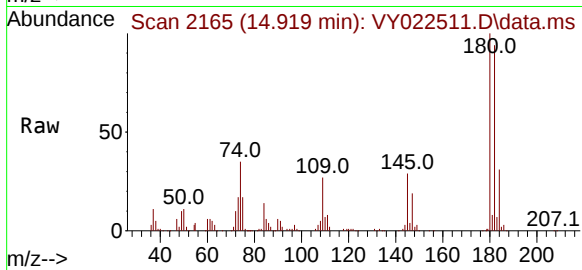
Tgt Ion:180 Resp: 97102

Ion Ratio Lower Upper

180 100

182 94.5 48.4 145.3

145 29.9 15.5 46.5



#94

Hexachlorobutadiene

Concen: 43.651 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

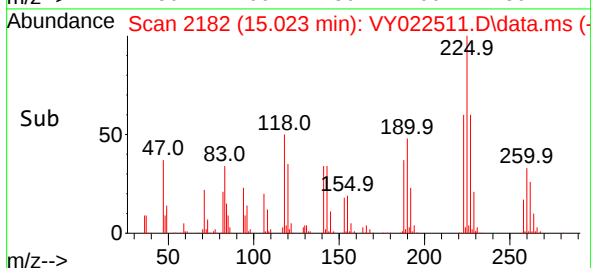
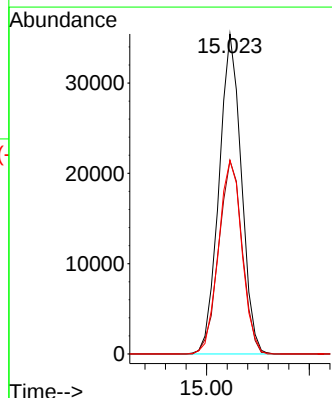
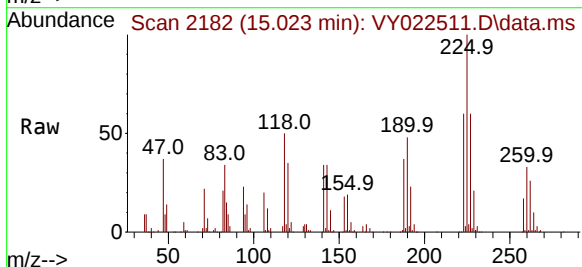
Tgt Ion:225 Resp: 53313

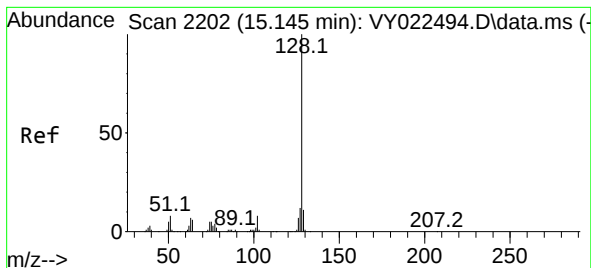
Ion Ratio Lower Upper

225 100

223 63.6 32.5 97.4

227 63.5 32.3 96.9





#95

Naphthalene

Concen: 47.433 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

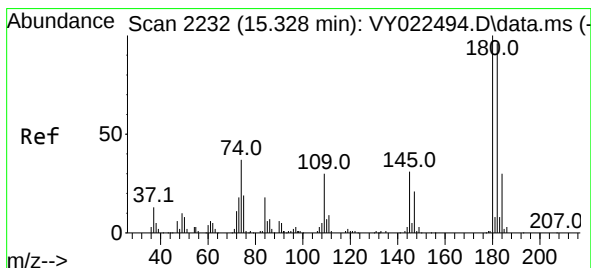
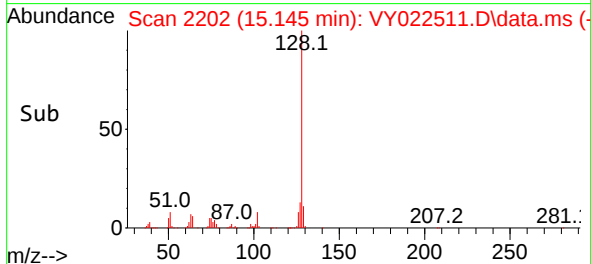
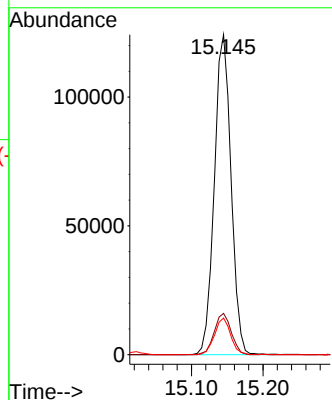
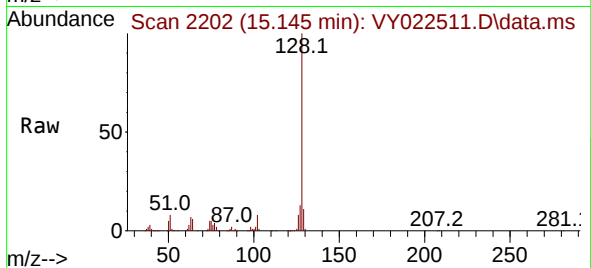
Tgt Ion:128 Resp: 201425

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 44.438 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022511.D

Acq: 02 Jun 2025 19:54

Tgt Ion:180 Resp: 84274

Ion Ratio Lower Upper

180 100

182 96.3 47.1 141.3

145 31.1 15.2 45.6

