

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
 Data File : VY022495.D
 Acq On : 02 Jun 2025 13:17
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 03 02:56:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 02:50:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	220566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	362519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	312741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	150217	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	243724	101.553	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 203.100%#	
35) Dibromofluoromethane	7.634	113	222443	104.234	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 208.460%#	
50) Toluene-d8	10.109	98	908424	105.318	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 210.640%#	
62) 4-Bromofluorobenzene	12.407	95	270310	103.359	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 206.720%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	175145	90.872	ug/l	97
3) Chloromethane	2.068	50	519859	91.429	ug/l	99
4) Vinyl Chloride	2.202	62	636843	95.695	ug/l	100
5) Bromomethane	2.592	94	591589	93.980	ug/l	99
6) Chloroethane	2.732	64	414935	91.070	ug/l	96
7) Trichlorofluoromethane	3.049	101	539323	95.384	ug/l	97
8) Diethyl Ether	3.458	74	122923	98.428	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.817	101	230240	97.074	ug/l	99
10) Methyl Iodide	4.006	142	278576	109.525	ug/l	99
11) Tert butyl alcohol	4.878	59	83900	489.395	ug/l #	87
12) 1,1-Dichloroethene	3.793	96	224855	99.317	ug/l	97
13) Acrolein	3.653	56	109392	522.746	ug/l	100
14) Allyl chloride	4.390	41	354774	100.560	ug/l	98
15) Acrylonitrile	5.067	53	269411	507.168	ug/l	100
16) Acetone	3.872	43	231202	487.310	ug/l	100
17) Carbon Disulfide	4.110	76	722508	99.952	ug/l	99
18) Methyl Acetate	4.390	43	132608	92.907	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	632873	100.187	ug/l	99
20) Methylene Chloride	4.622	84	241903	91.318	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	253184	100.103	ug/l	95
22) Diisopropyl ether	6.024	45	794164	101.232	ug/l	98
23) Vinyl Acetate	5.963	43	2424134	520.866	ug/l	99
24) 1,1-Dichloroethane	5.915	63	463641	99.980	ug/l	99
25) 2-Butanone	6.896	43	358881	512.798	ug/l	99
26) 2,2-Dichloropropane	6.890	77	420323	101.961	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	294837	100.858	ug/l	98
28) Bromochloromethane	7.250	49	206906	103.263	ug/l	100
29) Tetrahydrofuran	7.268	42	226299	501.243	ug/l	99
30) Chloroform	7.426	83	459957	100.373	ug/l	96
31) Cyclohexane	7.707	56	428074	91.723	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	419389	102.410	ug/l	99
36) 1,1-Dichloropropene	7.841	75	355563	103.070	ug/l	99
37) Ethyl Acetate	6.988	43	159922	105.336	ug/l	98
38) Carbon Tetrachloride	7.823	117	368617	103.651	ug/l	96
39) Methylcyclohexane	9.109	83	481512	103.323	ug/l	99
40) Benzene	8.085	78	1052881	103.542	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	72513	74.162	ug/l #	79
42) 1,2-Dichloroethane	8.158	62	286305	103.504	ug/l	98
43) Isopropyl Acetate	8.201	43	344110	103.721	ug/l	98
44) Trichloroethene	8.865	130	253632	102.104	ug/l	100
45) 1,2-Dichloropropane	9.146	63	249363	102.865	ug/l	100
46) Dibromomethane	9.231	93	139349	102.605	ug/l	98
47) Bromodichloromethane	9.426	83	356025	103.321	ug/l	99
48) Methyl methacrylate	9.225	41	163867	107.875	ug/l	99
49) 1,4-Dioxane	9.237	88	31675	1955.012	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	884897	537.390	ug/l	98
52) Toluene	10.170	92	676554	105.821	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	339647	106.548	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	394647	105.579	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	176386	103.130	ug/l	97
56) Ethyl methacrylate	10.438	69	270253	108.807	ug/l	99
57) 1,3-Dichloropropane	10.719	76	314882	103.374	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	631985	570.744	ug/l	99
59) 2-Hexanone	10.761	43	599356	546.025	ug/l	99
60) Dibromochloromethane	10.914	129	231582	106.862	ug/l	99
61) 1,2-Dibromoethane	11.017	107	162846	103.182	ug/l	97
64) Tetrachloroethene	10.645	164	260085	97.857	ug/l	98
65) Chlorobenzene	11.444	112	700365	103.277	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	241080	104.874	ug/l	99
67) Ethyl Benzene	11.517	91	1343424	106.379	ug/l	100
68) m/p-Xylenes	11.627	106	1027669	215.017	ug/l	99
69) o-Xylene	11.956	106	478106	106.884	ug/l	100
70) Styrene	11.968	104	807331	109.011	ug/l	99
71) Bromoform	12.133	173	129134	106.900	ug/l #	98
73) Isopropylbenzene	12.255	105	1251781	103.429	ug/l	100
74) N-amyl acetate	12.072	43	331256	108.232	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	201554	102.543	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	285086	143.759	ug/l #	100
77) Bromobenzene	12.535	156	260522	101.560	ug/l	99
78) n-propylbenzene	12.596	91	1517453	103.002	ug/l	99
79) 2-Chlorotoluene	12.682	91	801096	102.984	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	983812	103.959	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	72518	104.845	ug/l	97
82) 4-Chlorotoluene	12.779	91	836500	103.758	ug/l	99
83) tert-Butylbenzene	12.999	119	886942	102.740	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	992770	104.854	ug/l	100
85) sec-Butylbenzene	13.175	105	1348209	103.006	ug/l	100
86) p-Isopropyltoluene	13.291	119	1148821	106.760	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	543396	105.879	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	503842	100.757	ug/l	98
89) n-Butylbenzene	13.621	91	1062595	103.713	ug/l	99
90) Hexachloroethane	13.883	117	213148	101.224	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	447574	101.511	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	29357	98.805	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	255752	106.117	ug/l	97
94) Hexachlorobutadiene	15.023	225	132452	100.622	ug/l	99
95) Naphthalene	15.145	128	499554	108.155	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	213300	104.136	ug/l	99

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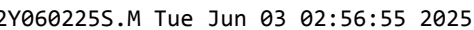
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

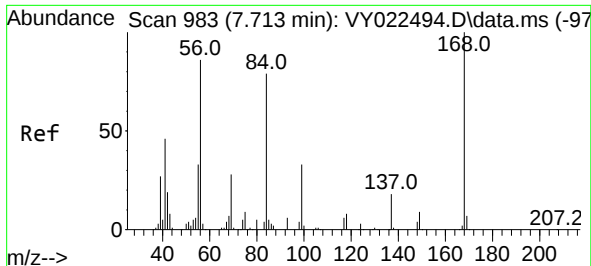
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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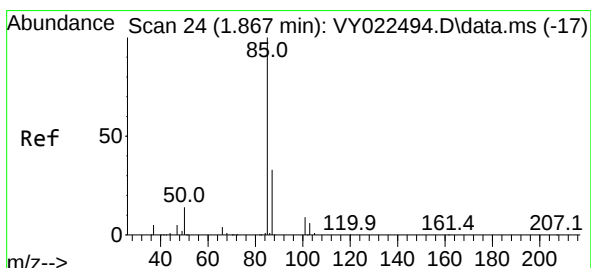
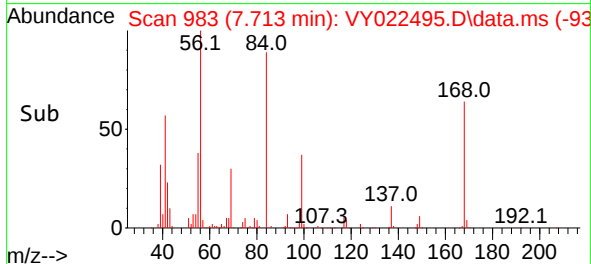
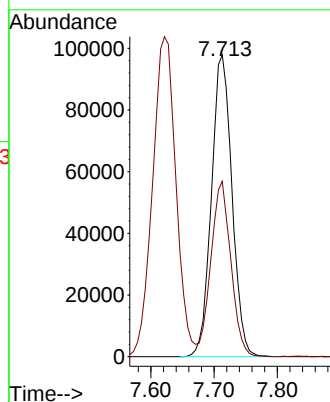
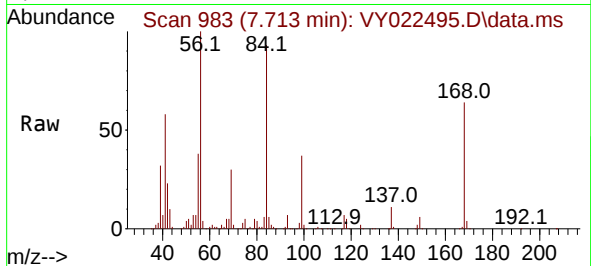




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022495.D
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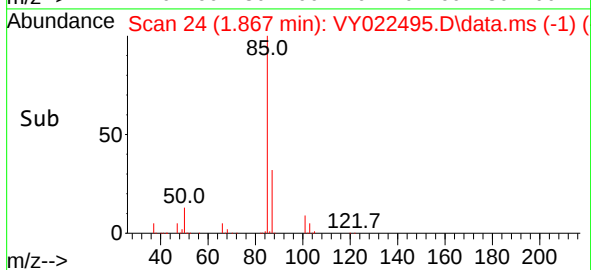
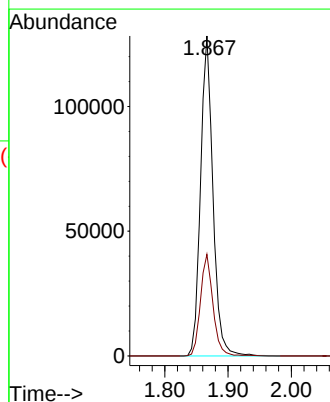
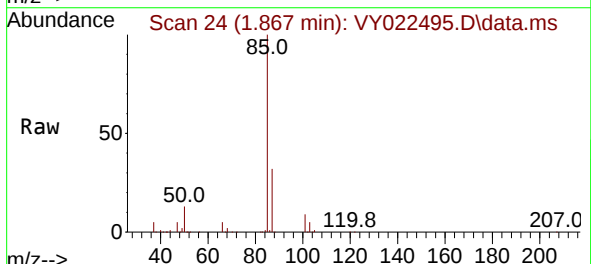
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

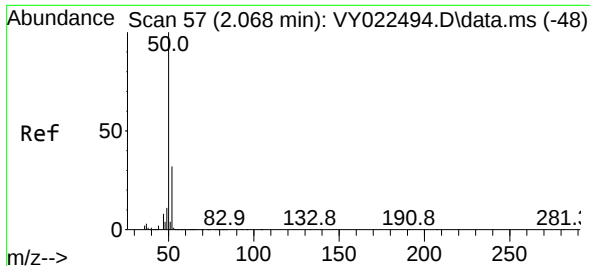
Tgt Ion:168 Resp: 220566
Ion Ratio Lower Upper
168 100
99 58.1 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 90.872 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 85 Resp: 175145
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.0

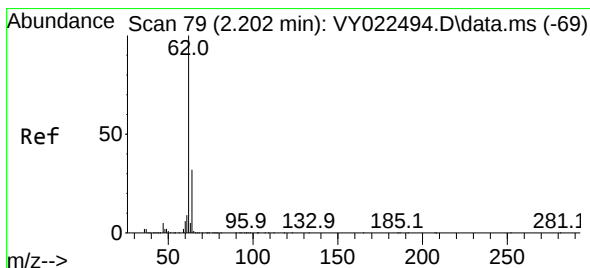
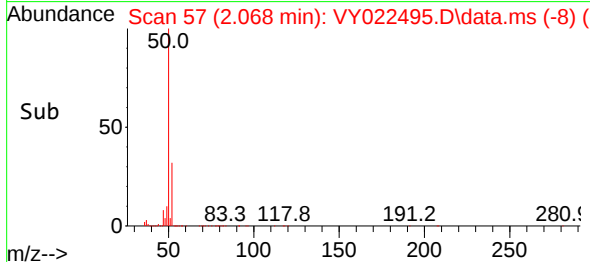
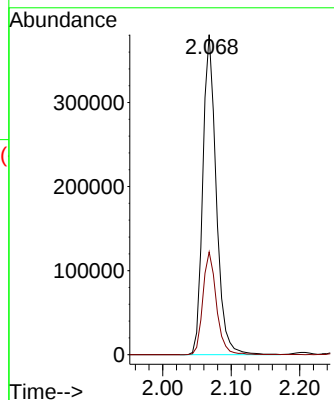
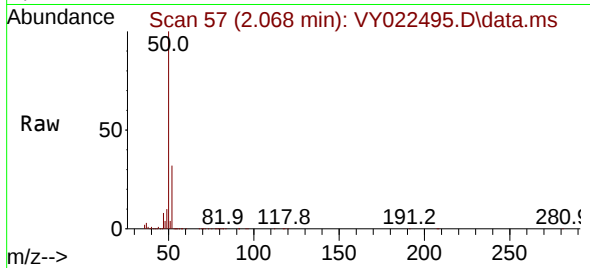




#3
Chloromethane
Concen: 91.429 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

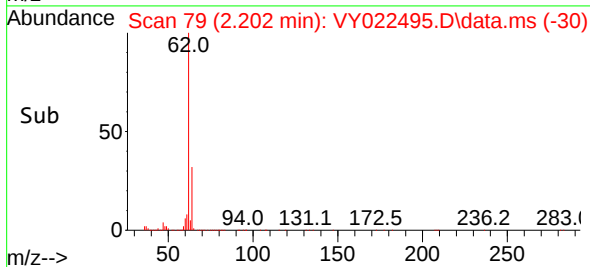
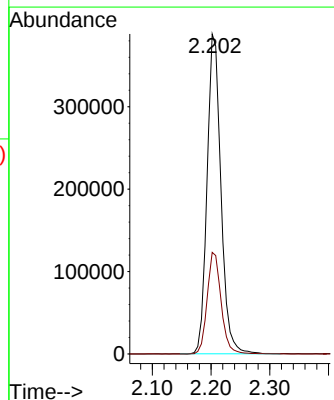
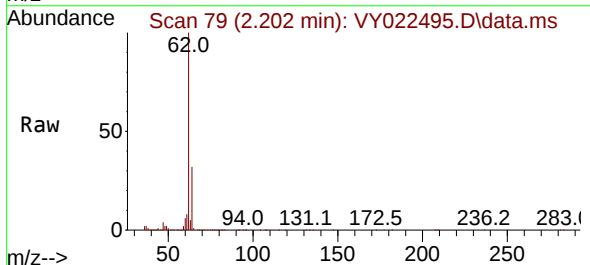
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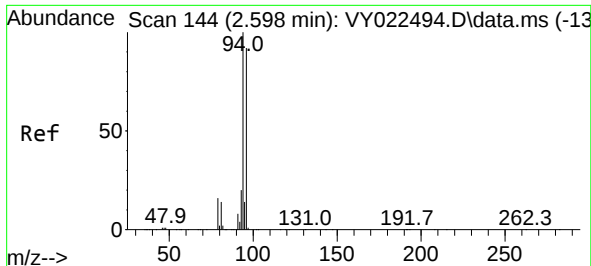
Tgt Ion: 50 Resp: 519859
Ion Ratio Lower Upper
50 100
52 32.1 26.0 39.0



#4
Vinyl Chloride
Concen: 95.695 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 62 Resp: 636843
Ion Ratio Lower Upper
62 100
64 31.7 25.3 37.9

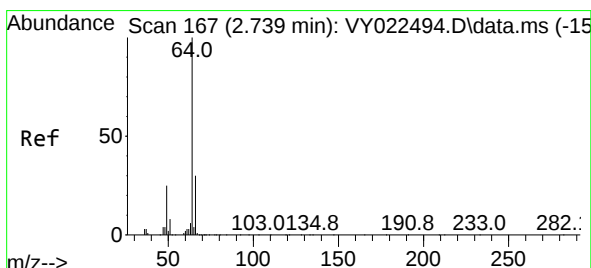
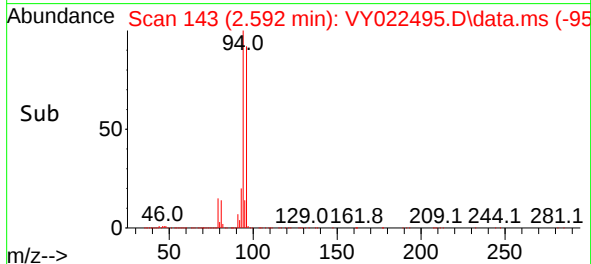
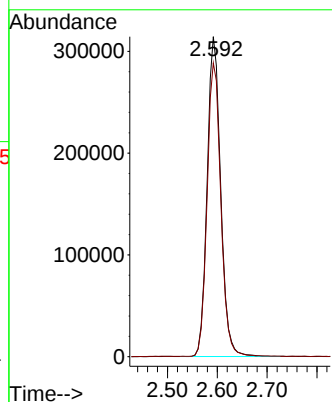
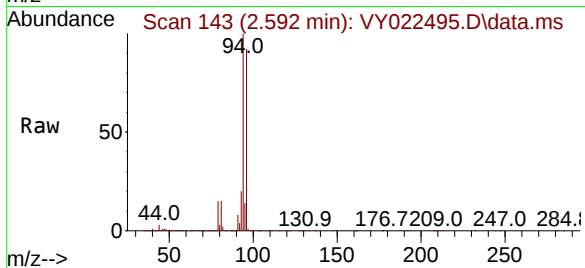




#5
Bromomethane
Concen: 93.980 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

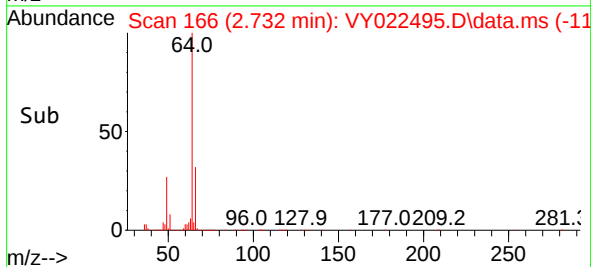
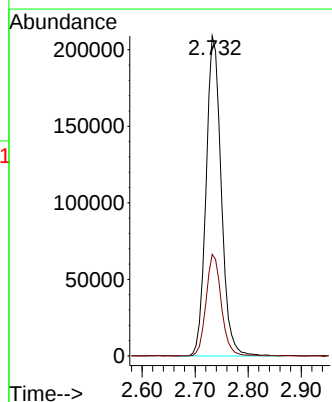
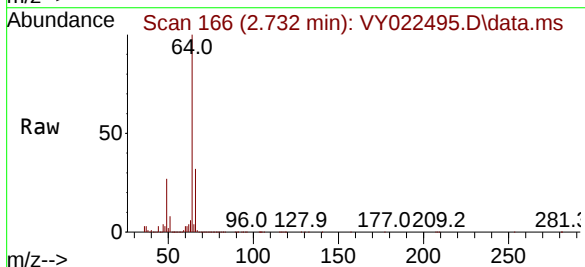
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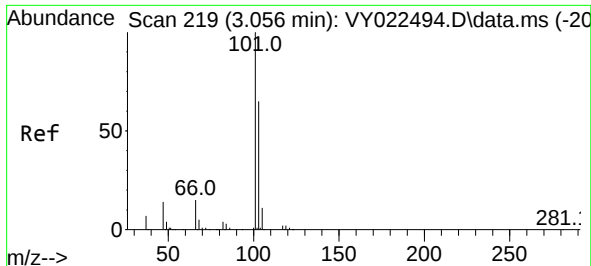
Tgt Ion: 94 Resp: 591589
Ion Ratio Lower Upper
94 100
96 91.7 74.0 111.0



#6
Chloroethane
Concen: 91.070 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022495.D
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Tgt Ion: 64 Resp: 414935
Ion Ratio Lower Upper
64 100
66 31.7 23.8 35.6

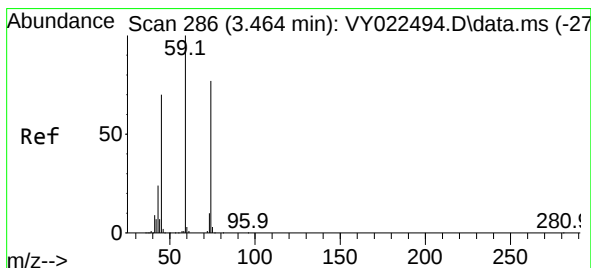
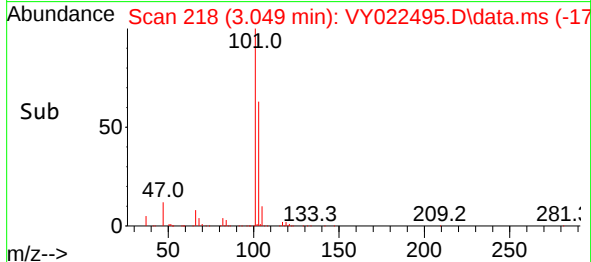
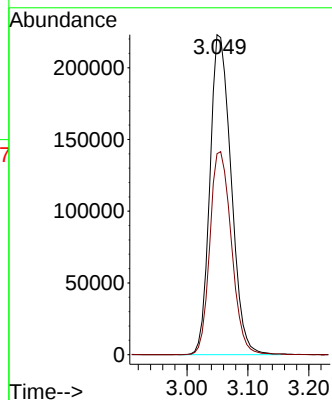
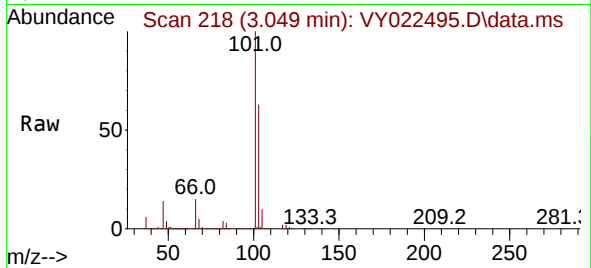




#7
Trichlorofluoromethane
Concen: 95.384 ug/l
RT: 3.049 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

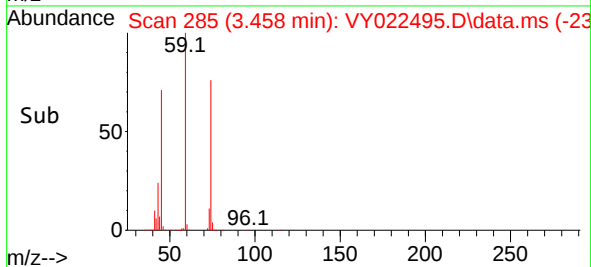
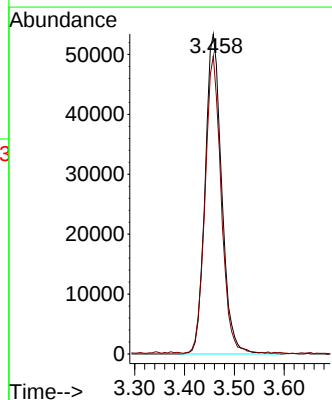
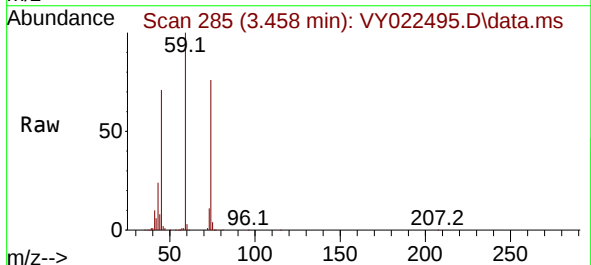
Instrument :
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Tgt Ion:101 Resp: 539323
Ion Ratio Lower Upper
101 100
103 62.8 52.2 78.2



#8
Diethyl Ether
Concen: 98.428 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 74 Resp: 122923
Ion Ratio Lower Upper
74 100
45 90.6 45.9 137.6

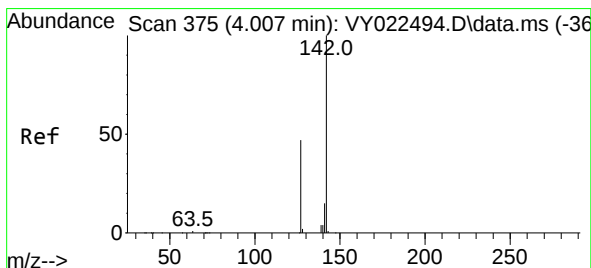
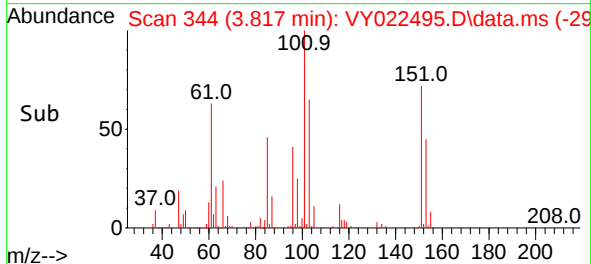
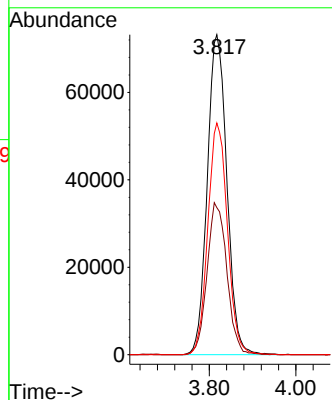
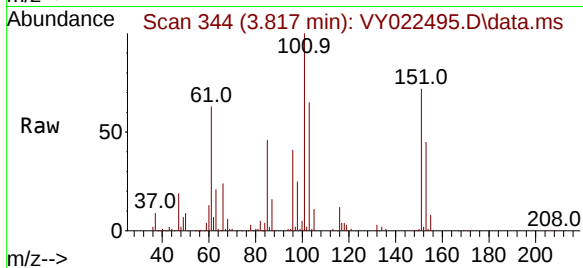




#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.074 ug/l
RT: 3.817 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

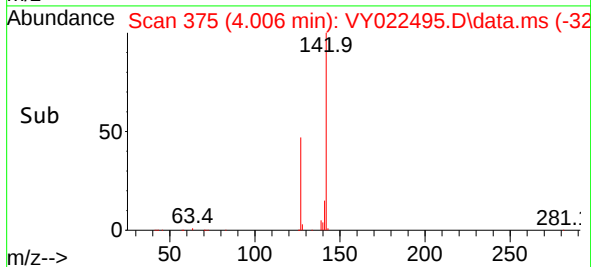
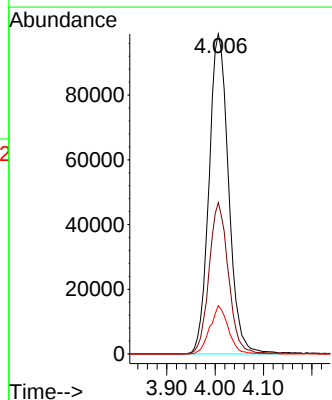
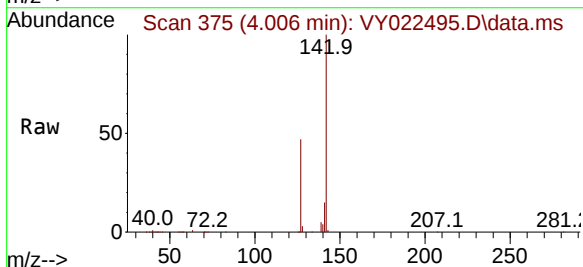
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

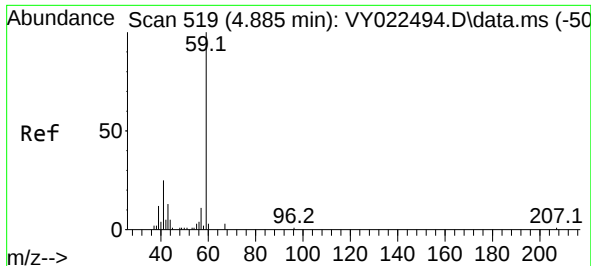
Tgt Ion:101 Resp: 230240
Ion Ratio Lower Upper
101 100
85 48.1 39.3 58.9
151 72.4 57.8 86.8



#10
Methyl Iodide
Concen: 109.525 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:142 Resp: 278576
Ion Ratio Lower Upper
142 100
127 47.0 37.1 55.7
141 14.2 11.4 17.2

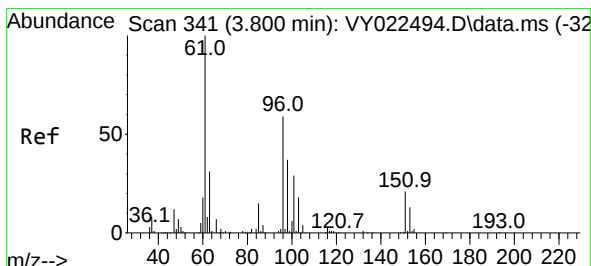
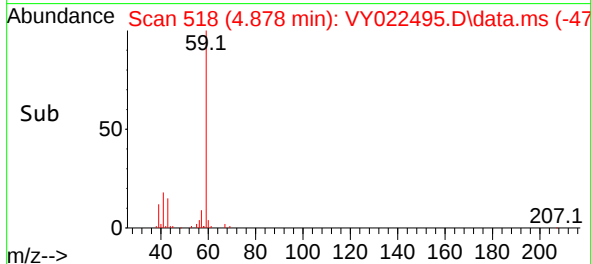
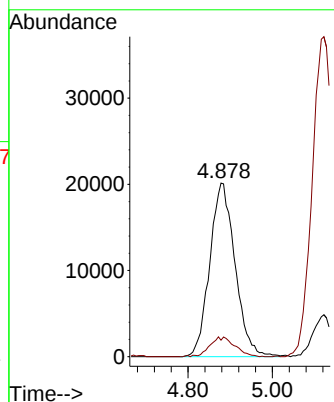
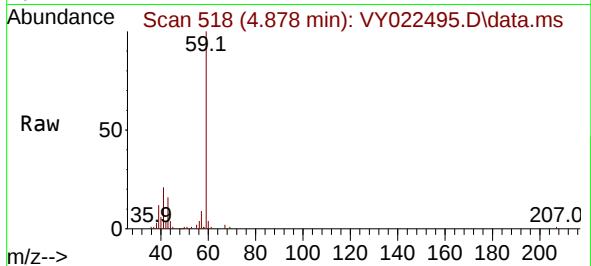




#11
Tert butyl alcohol
Concen: 489.395 ug/l
RT: 4.878 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

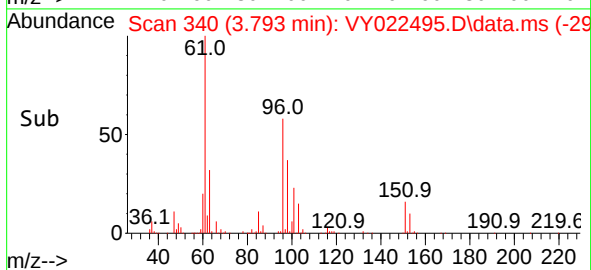
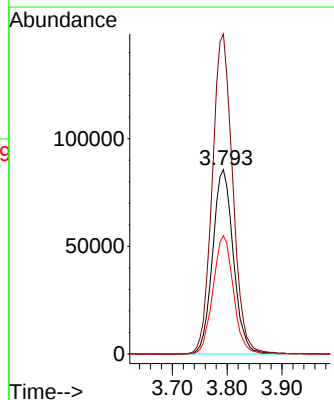
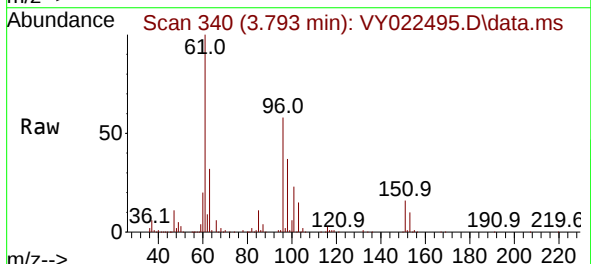
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

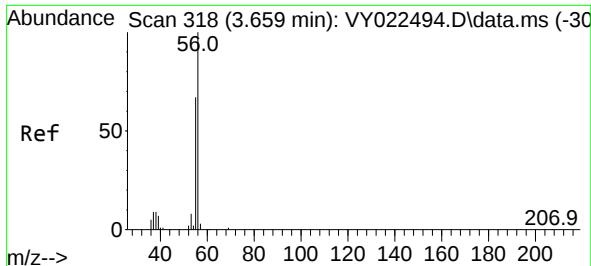
Tgt Ion: 59 Resp: 83900
Ion Ratio Lower Upper
59 100
57 5.4 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 99.317 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 96 Resp: 224855
Ion Ratio Lower Upper
96 100
61 173.6 134.6 201.8
98 64.1 50.2 75.4

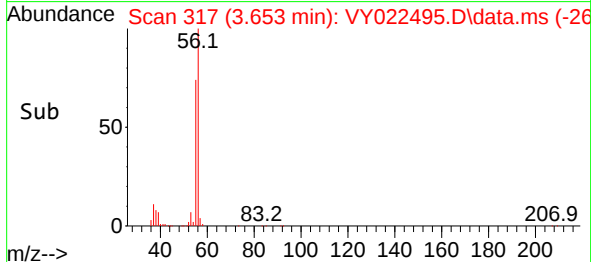
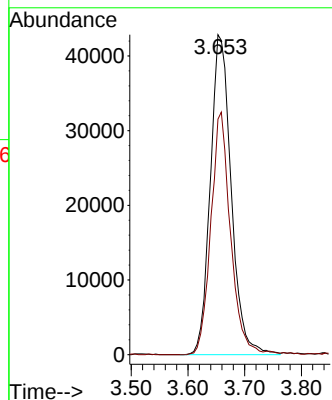
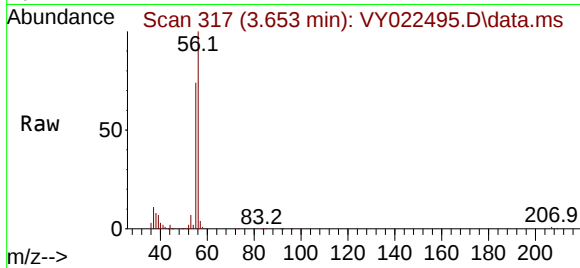




#13
Acrolein
Concen: 522.746 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

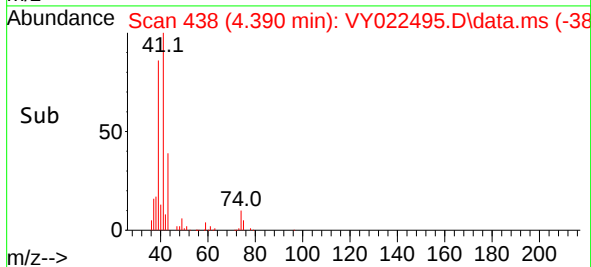
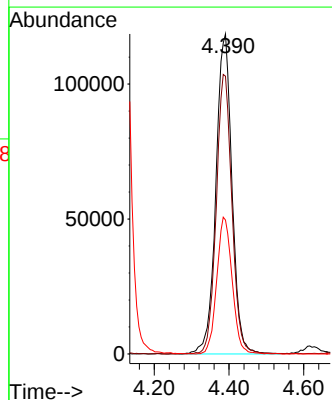
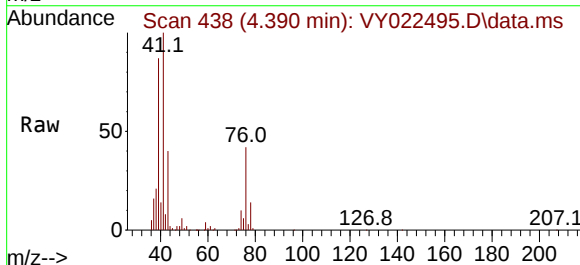
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

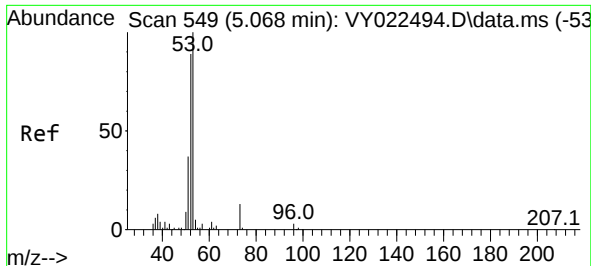
Tgt Ion: 56 Resp: 109392
Ion Ratio Lower Upper
56 100
55 71.1 57.0 85.6



#14
Allyl chloride
Concen: 100.560 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 41 Resp: 354774
Ion Ratio Lower Upper
41 100
39 85.0 69.1 103.7
76 40.8 33.5 50.3

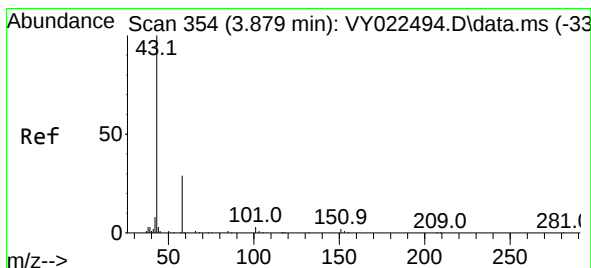
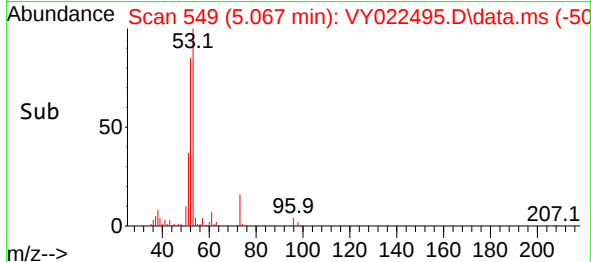
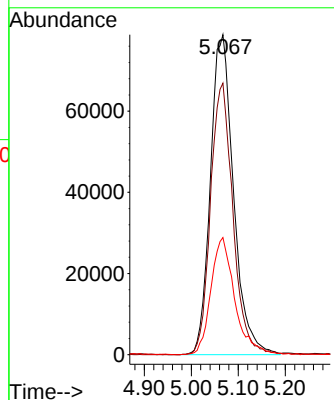
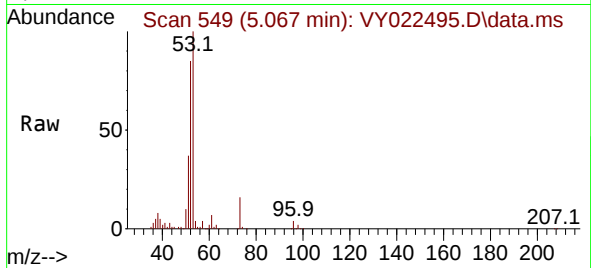




#15
Acrylonitrile
Concen: 507.168 ug/l
RT: 5.067 min Scan# 549
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

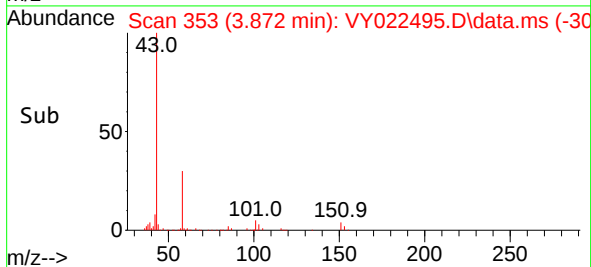
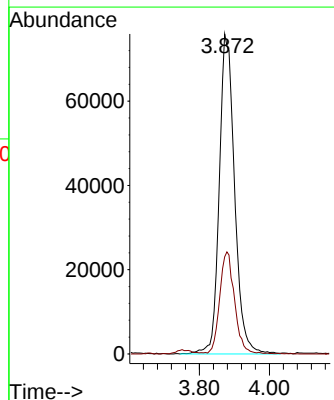
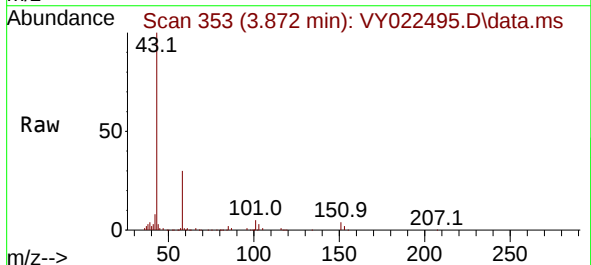
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

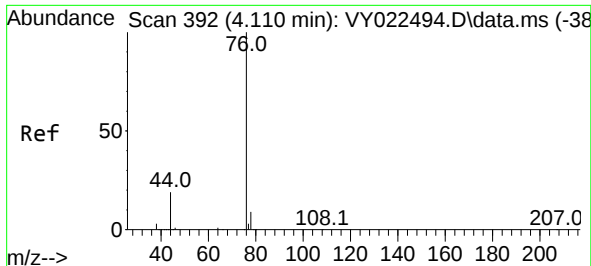
Tgt Ion: 53 Resp: 269411
Ion Ratio Lower Upper
53 100
52 82.3 65.7 98.5
51 37.8 30.1 45.1



#16
Acetone
Concen: 487.310 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 231202
Ion Ratio Lower Upper
43 100
58 30.2 24.0 36.0

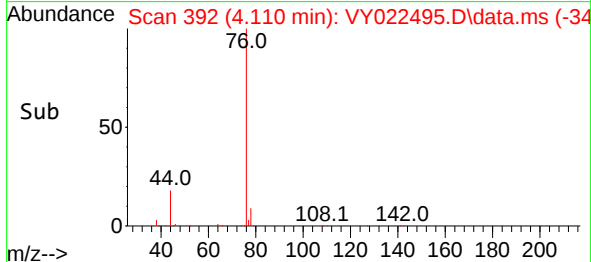
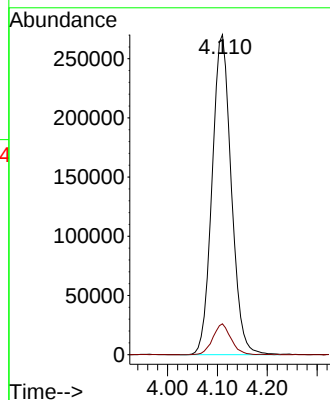
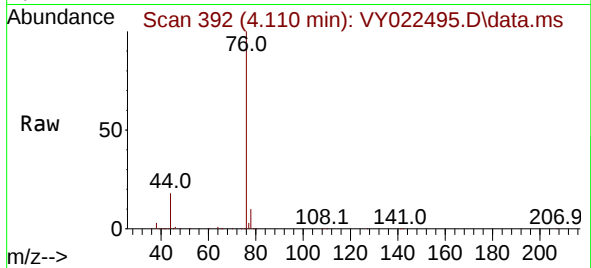




#17
Carbon Disulfide
Concen: 99.952 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

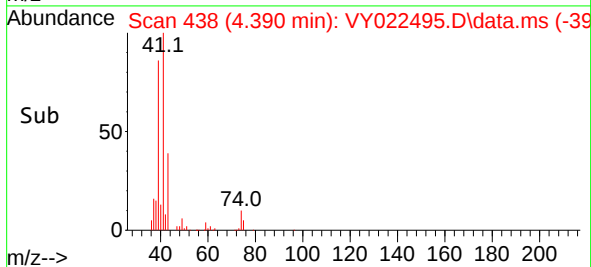
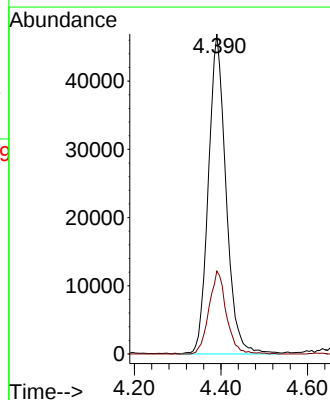
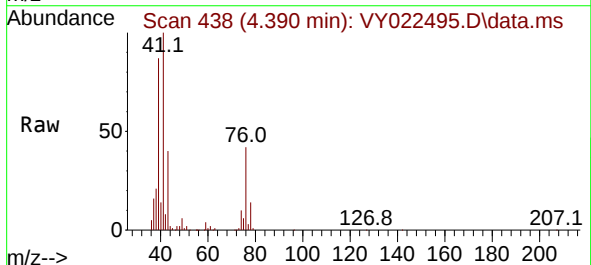
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

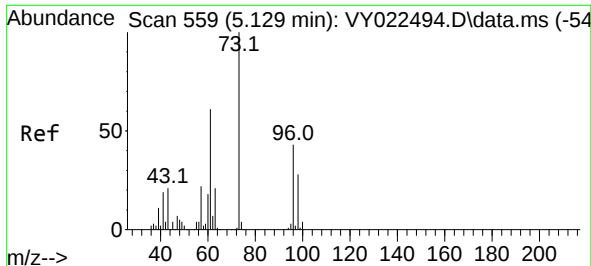
Tgt Ion: 76 Resp: 722508
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2



#18
Methyl Acetate
Concen: 92.907 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 132608
Ion Ratio Lower Upper
43 100
74 25.5 19.8 29.6

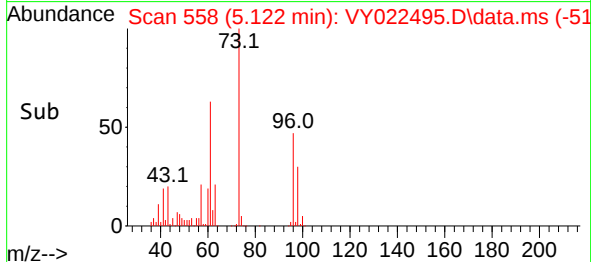
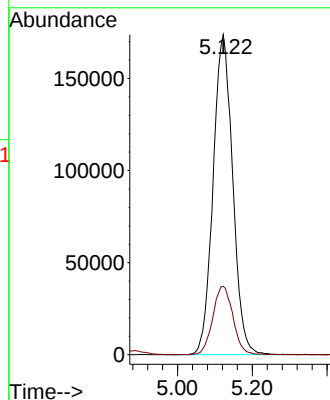
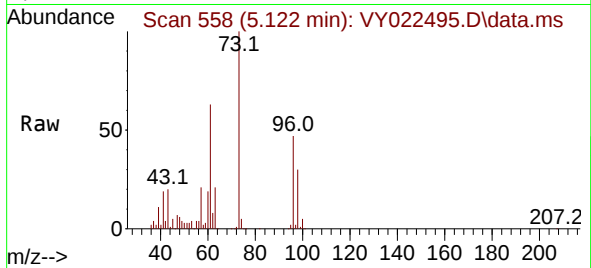




#19
Methyl tert-butyl Ether
Concen: 100.187 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

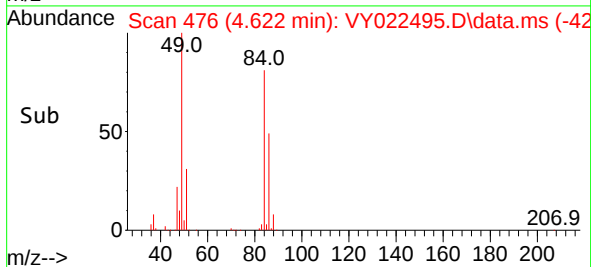
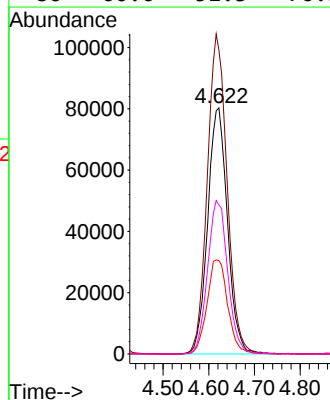
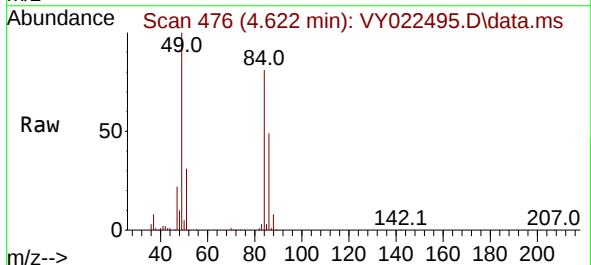
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

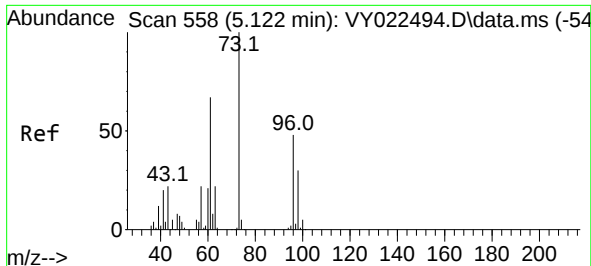
Tgt Ion: 73 Resp: 632873
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.0



#20
Methylene Chloride
Concen: 91.318 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 84 Resp: 241903
Ion Ratio Lower Upper
84 100
49 123.5 101.9 152.9
51 38.0 29.8 44.8
86 60.6 51.3 76.9

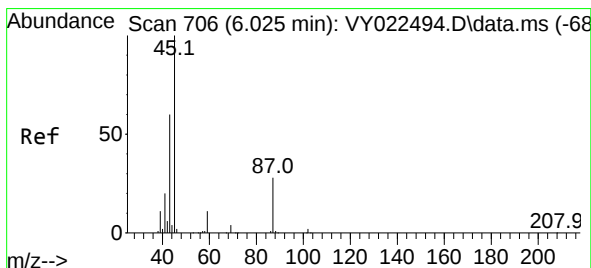
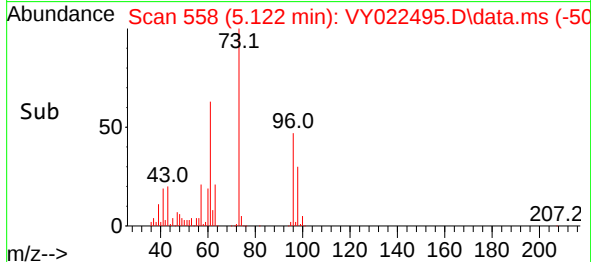
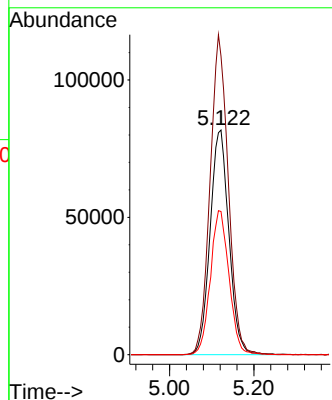
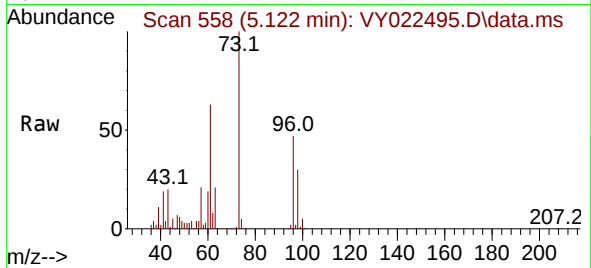




#21
trans-1,2-Dichloroethene
Concen: 100.103 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

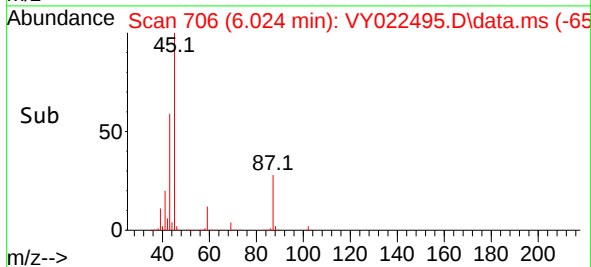
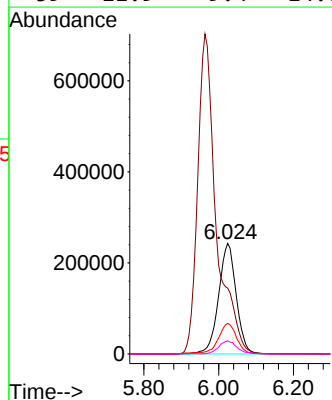
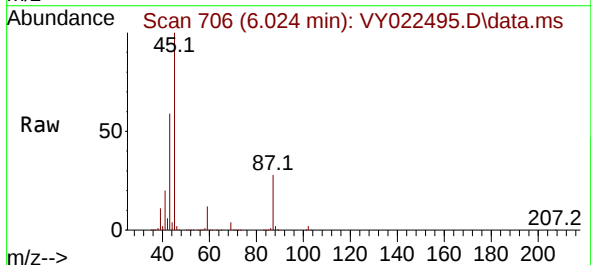
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

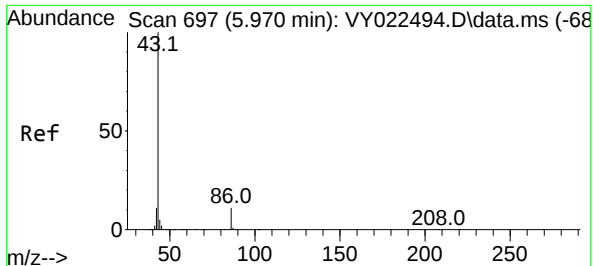
Tgt Ion: 96 Resp: 253184
Ion Ratio Lower Upper
96 100
61 132.9 112.6 169.0
98 63.7 50.6 75.8



#22
Diisopropyl ether
Concen: 101.232 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 45 Resp: 794164
Ion Ratio Lower Upper
45 100
43 59.3 48.3 72.5
87 27.6 23.0 34.6
59 11.9 9.4 14.0

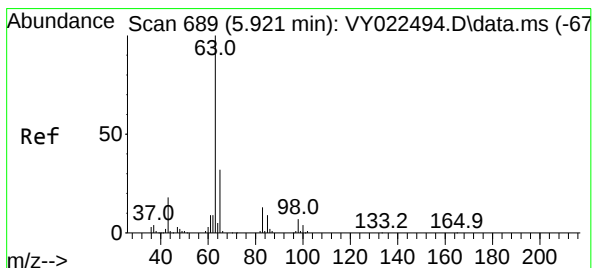
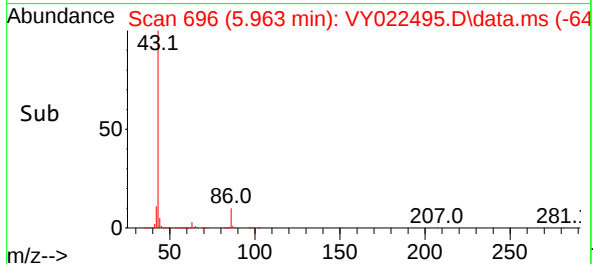
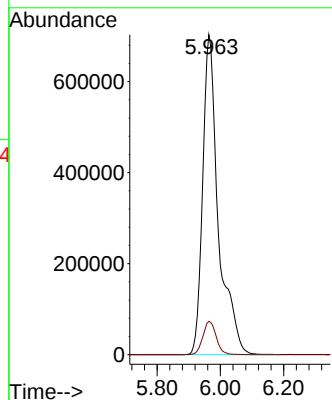
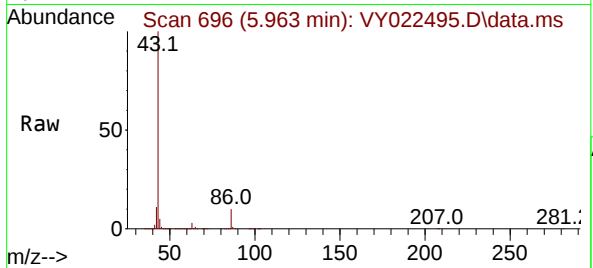




#23
 Vinyl Acetate
 Concen: 520.866 ug/l
 RT: 5.963 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY022495.D
 Acq: 02 Jun 2025 13:17

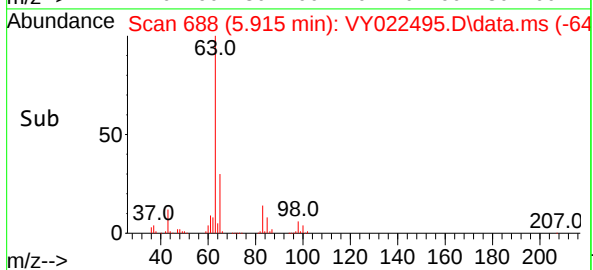
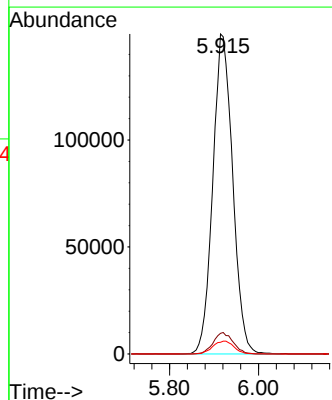
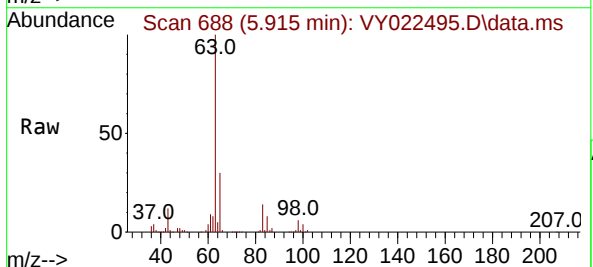
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 2424134
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 99.980 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022495.D
 Acq: 02 Jun 2025 13:17

Tgt Ion: 63 Resp: 463641
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 3.7 2.1 6.3

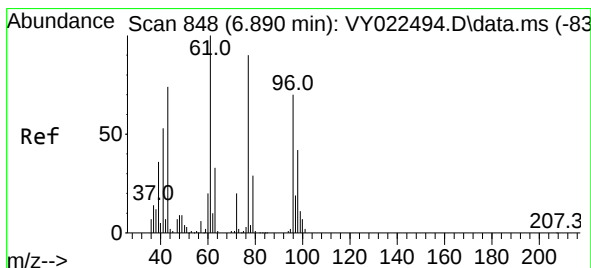
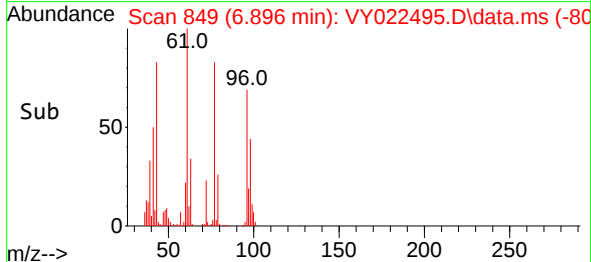
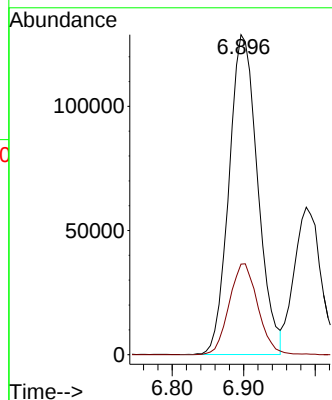
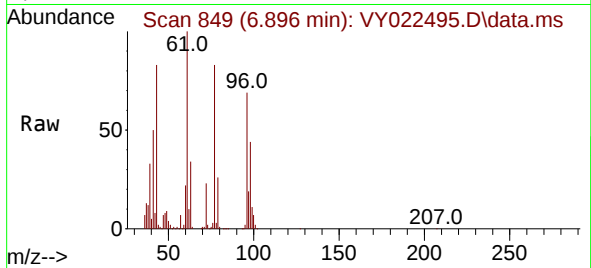




#25
2-Butanone
Concen: 512.798 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

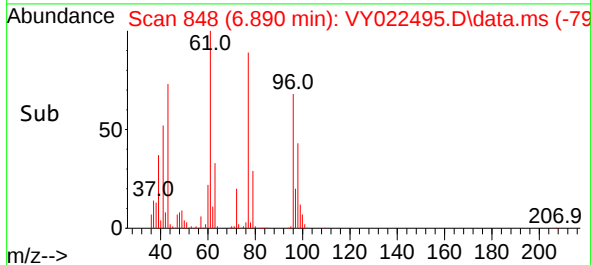
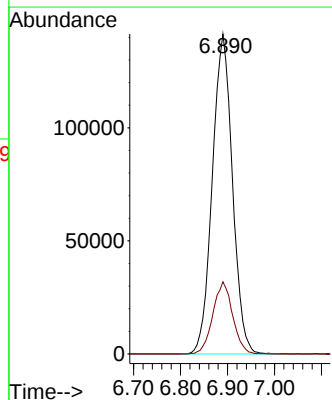
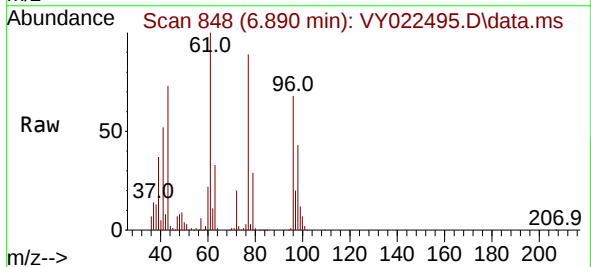
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 358881
Ion Ratio Lower Upper
43 100
72 28.3 22.9 34.3



#26
2,2-Dichloropropane
Concen: 101.961 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 77 Resp: 420323
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 100.858 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

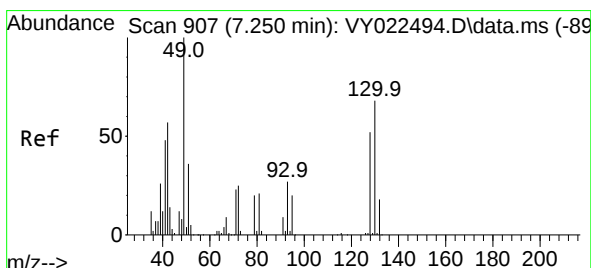
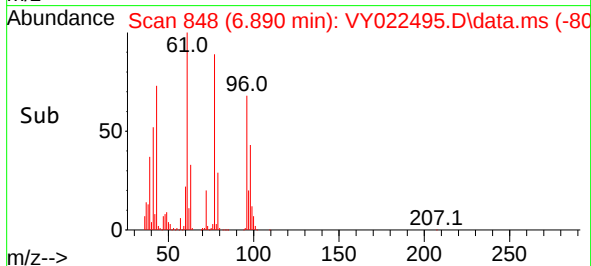
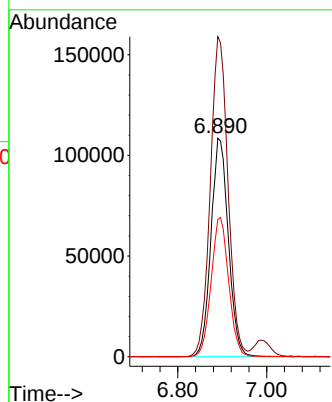
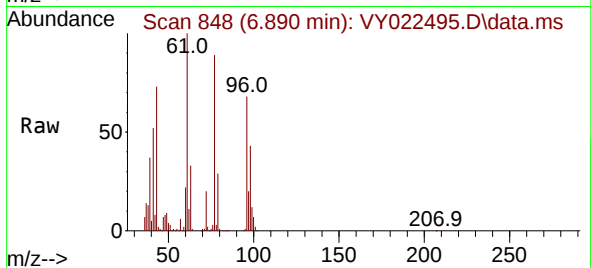
Tgt Ion: 96 Resp: 294837

Ion Ratio Lower Upper

96 100

61 149.1 0.0 290.0

98 64.1 0.0 128.4



#28

Bromochloromethane

Concen: 103.263 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

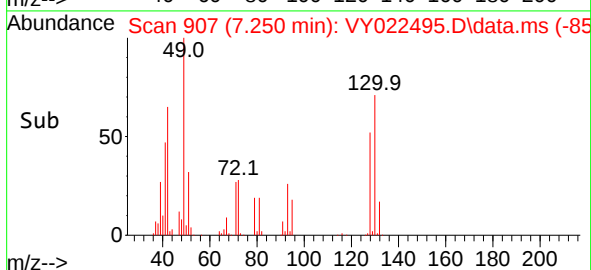
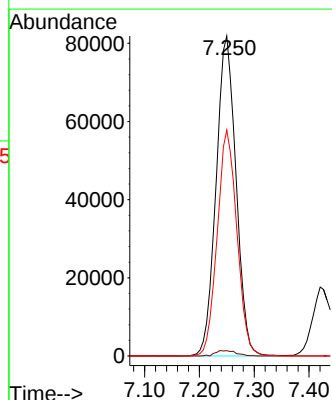
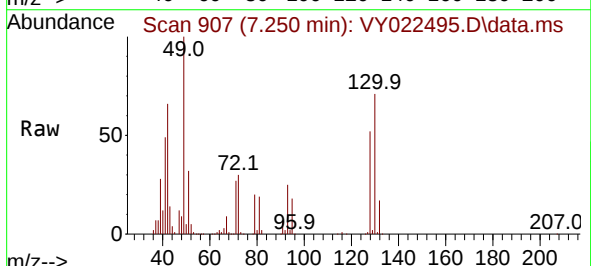
Tgt Ion: 49 Resp: 206906

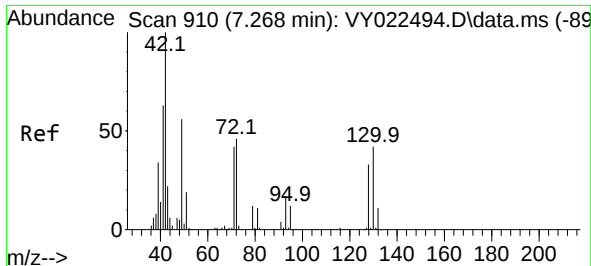
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.6

130 69.7 55.7 83.5





#29

Tetrahydrofuran

Concen: 501.243 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

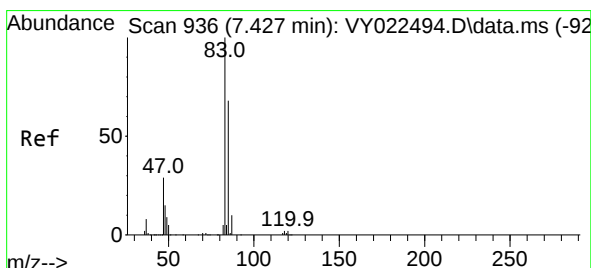
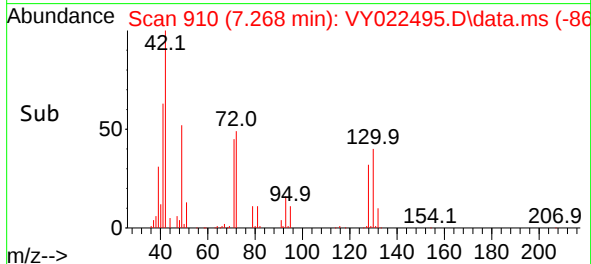
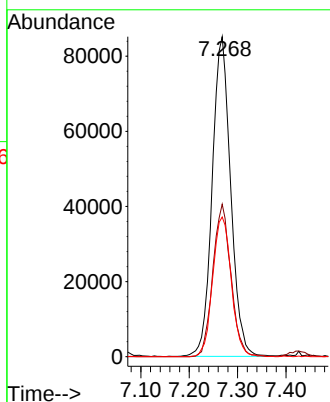
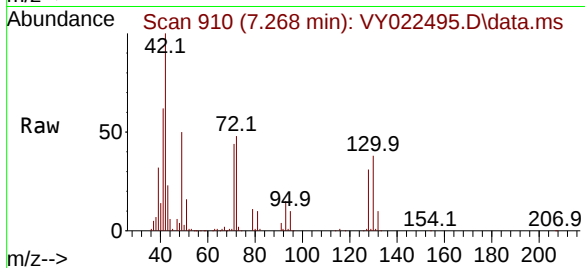
Tgt Ion: 42 Resp: 226299

Ion Ratio Lower Upper

42 100

72 46.6 37.4 56.2

71 44.1 34.2 51.2



#30

Chloroform

Concen: 100.373 ug/l

RT: 7.426 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY022495.D

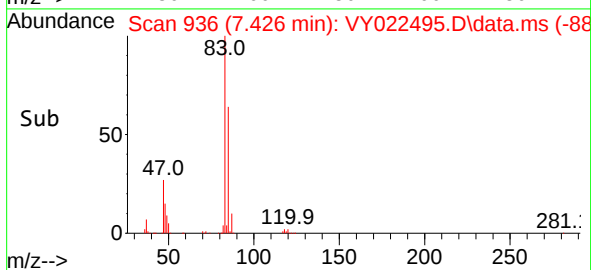
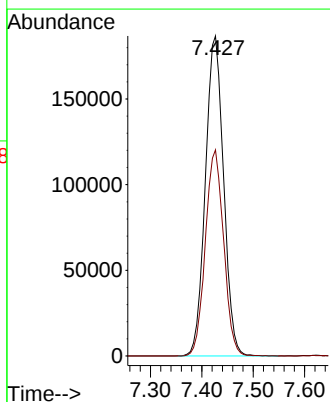
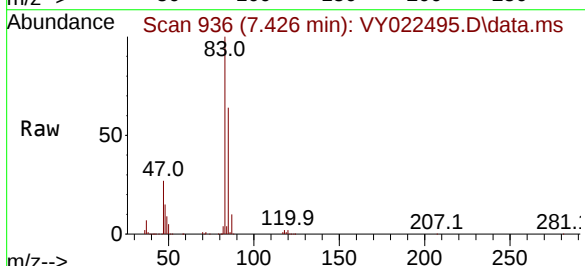
Acq: 02 Jun 2025 13:17

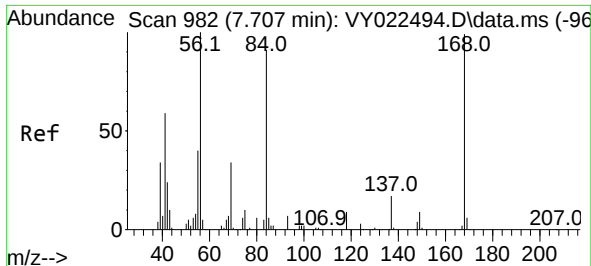
Tgt Ion: 83 Resp: 459957

Ion Ratio Lower Upper

83 100

85 64.4 54.2 81.4

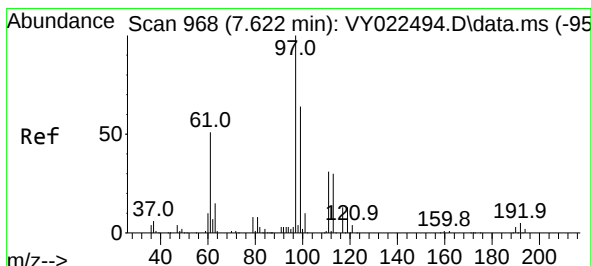
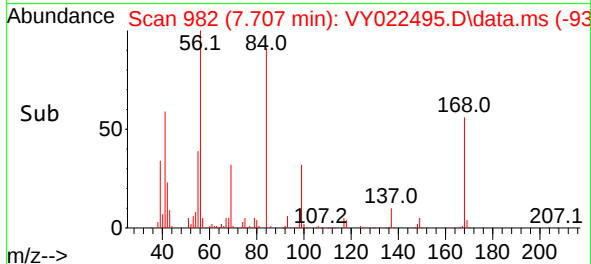
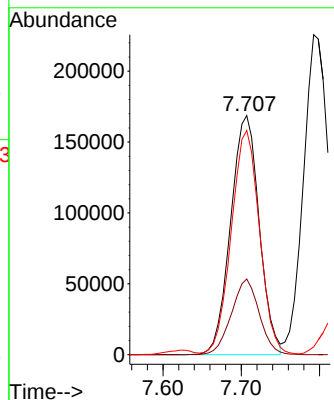
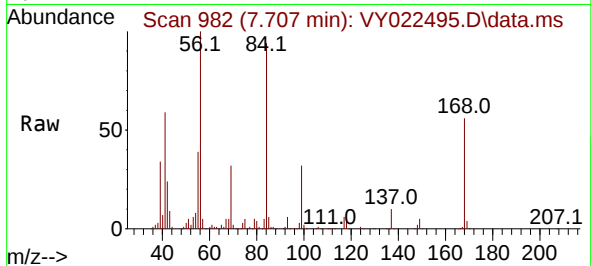




#31
Cyclohexane
Concen: 91.723 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

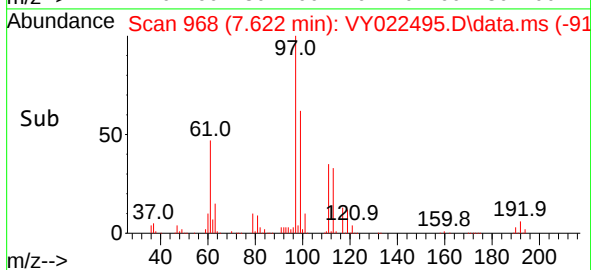
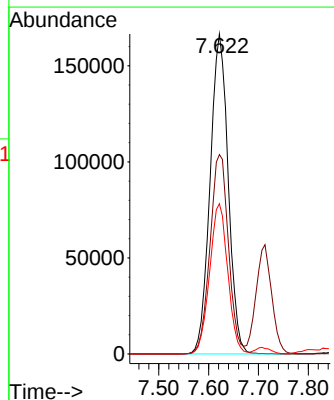
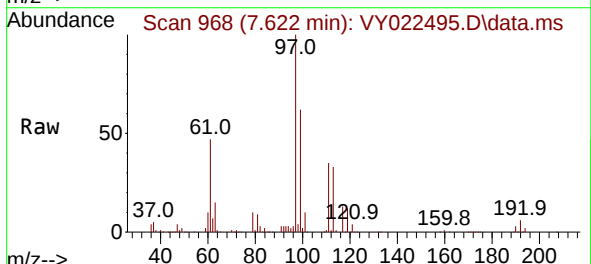
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

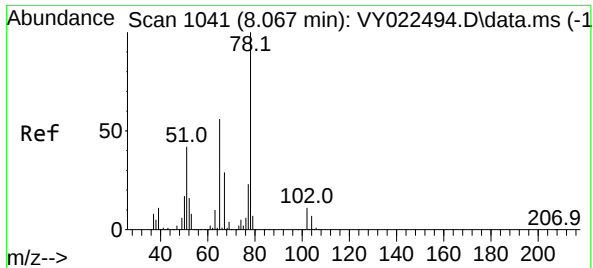
Tgt Ion: 56 Resp: 428074
Ion Ratio Lower Upper
56 100
69 31.6 27.0 40.6
84 91.9 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 102.410 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 97 Resp: 419389
Ion Ratio Lower Upper
97 100
99 63.7 50.9 76.3
61 47.3 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 101.553 ug/l

RT: 8.067 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

Instrument :

MSVOA_Y

ClientSampleId :

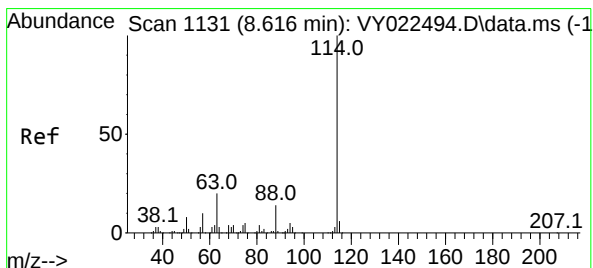
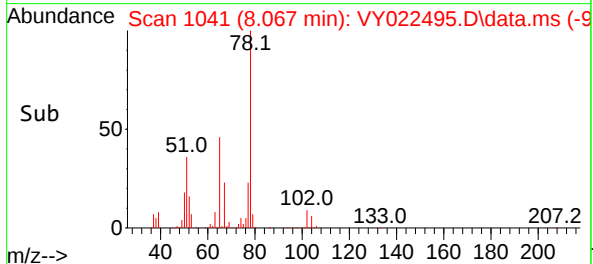
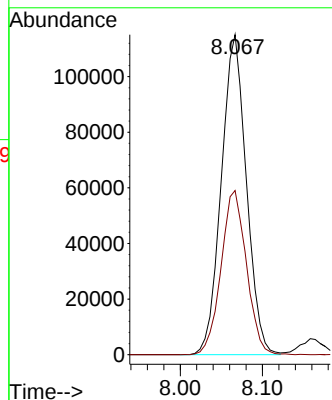
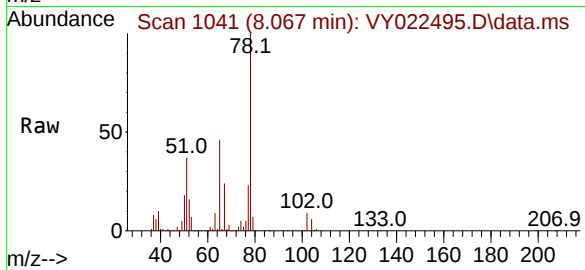
VSTDIC100

Tgt Ion: 65 Resp: 243724

Ion Ratio Lower Upper

65 100

67 52.0 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: VY022495.D

Acq: 02 Jun 2025 13:17

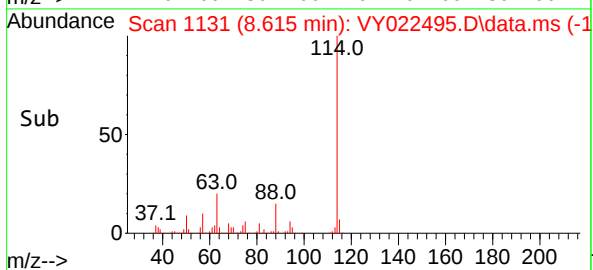
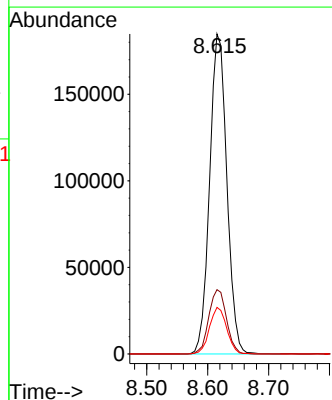
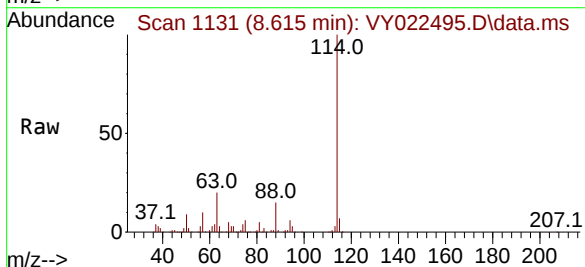
Tgt Ion: 114 Resp: 362519

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 14.5 0.0 27.8





#35

Dibromofluoromethane

Concen: 104.234 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

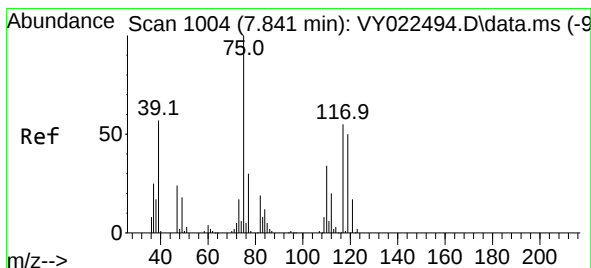
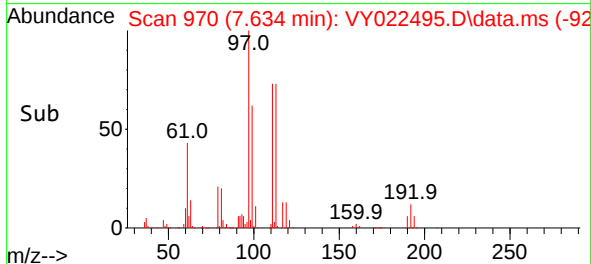
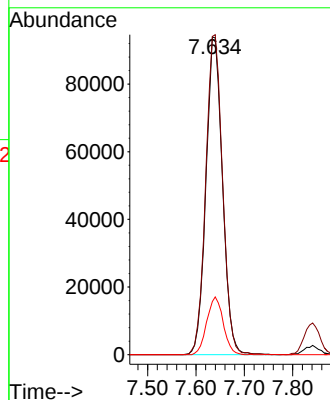
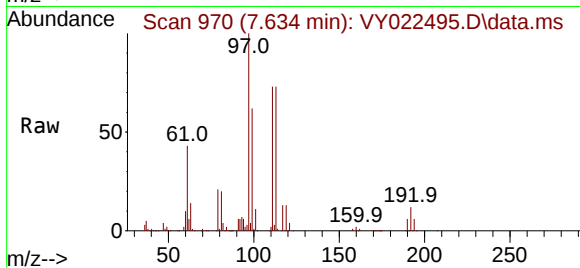
Tgt Ion:113 Resp: 222443

Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

192 18.2 14.2 21.2



#36

1,1-Dichloropropene

Concen: 103.070 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

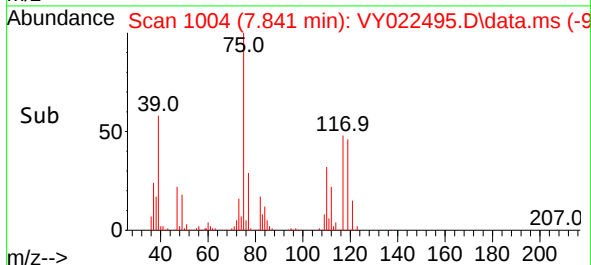
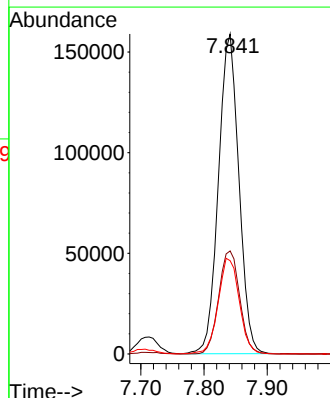
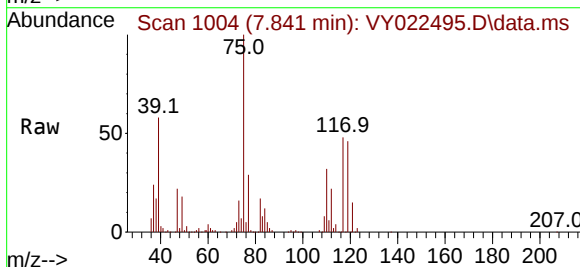
Tgt Ion: 75 Resp: 355563

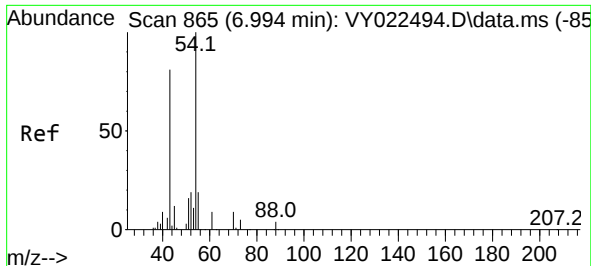
Ion Ratio Lower Upper

75 100

110 33.1 16.9 50.7

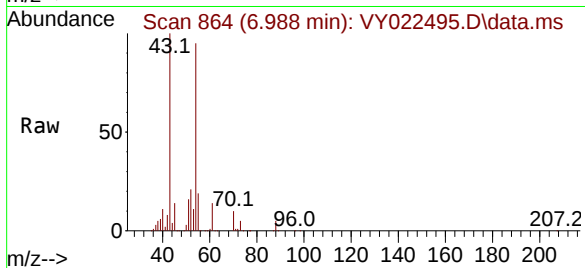
77 31.1 24.8 37.2



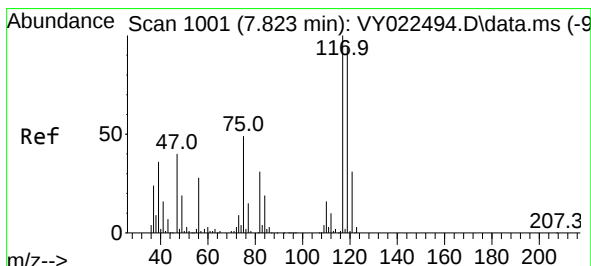
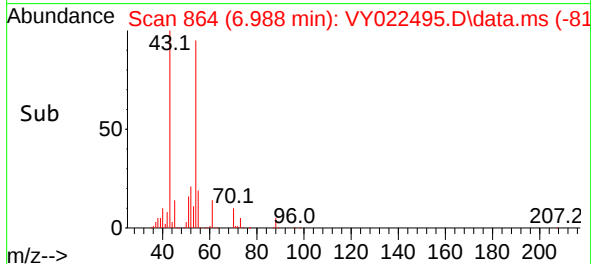
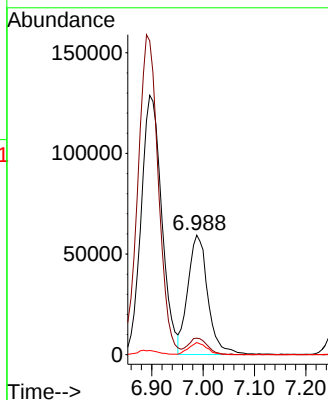


#37
Ethyl Acetate
Concen: 105.336 ug/l
RT: 6.988 min Scan# 864
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

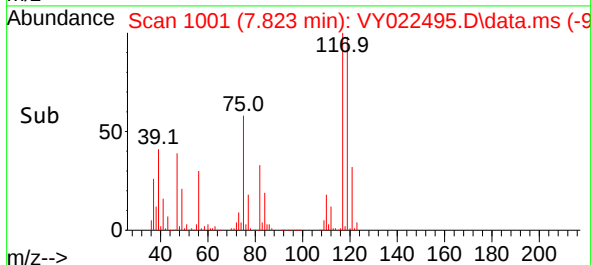
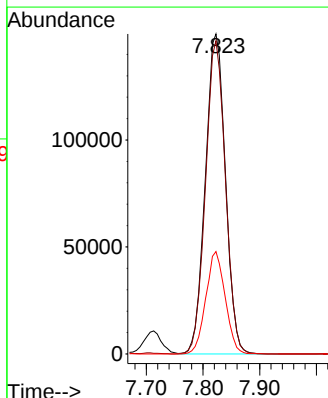
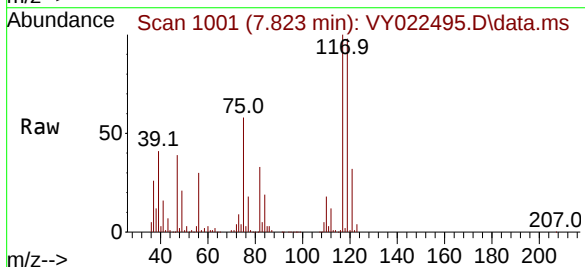


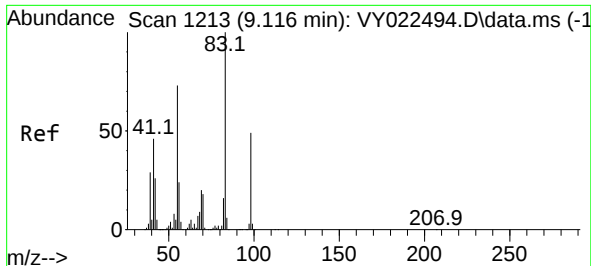
Tgt Ion: 43 Resp: 159922
Ion Ratio Lower Upper
43 100
61 13.4 11.5 17.3
70 9.3 7.2 10.8



#38
Carbon Tetrachloride
Concen: 103.651 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 117 Resp: 368617
Ion Ratio Lower Upper
117 100
119 97.9 75.0 112.6
121 32.0 25.0 37.4





#39

Methylcyclohexane

Concen: 103.323 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

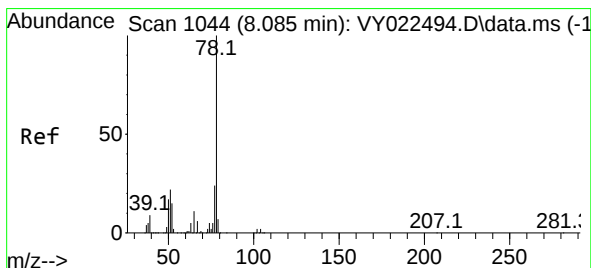
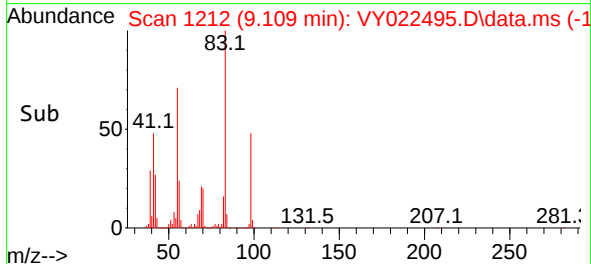
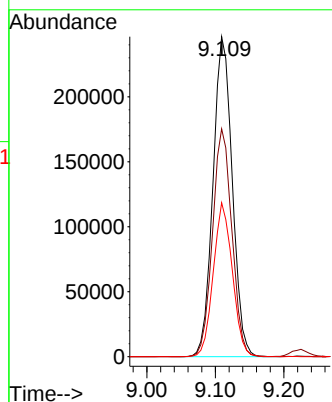
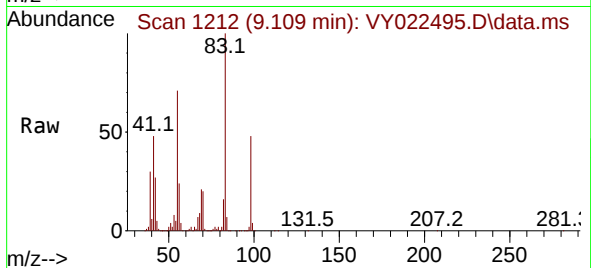
Tgt Ion: 83 Resp: 481512

Ion Ratio Lower Upper

83 100

55 71.2 58.1 87.1

98 48.1 39.0 58.6



#40

Benzene

Concen: 103.542 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY022495.D

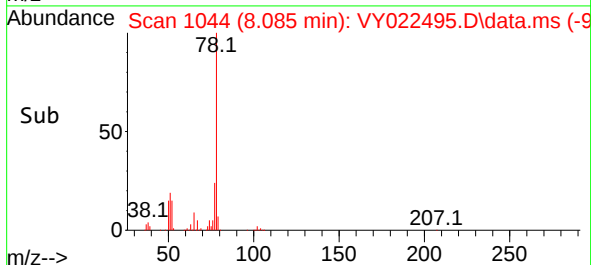
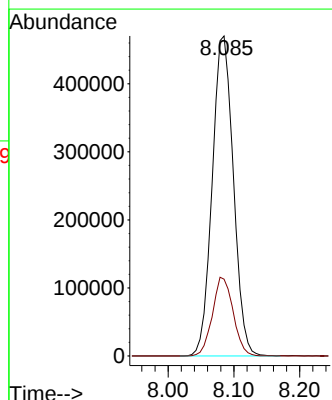
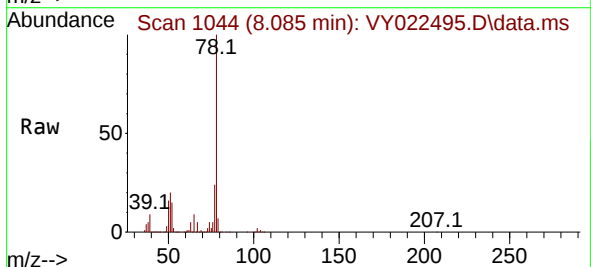
Acq: 02 Jun 2025 13:17

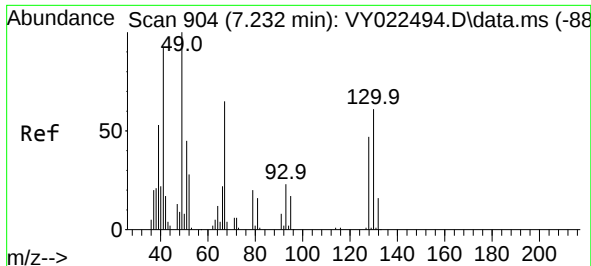
Tgt Ion: 78 Resp: 1052881

Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9

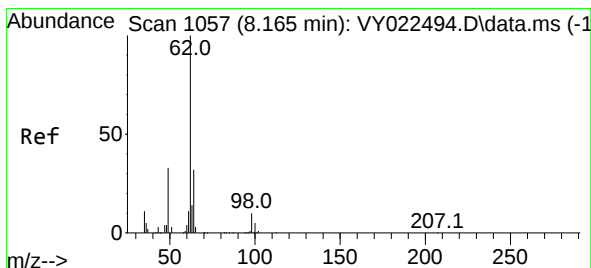
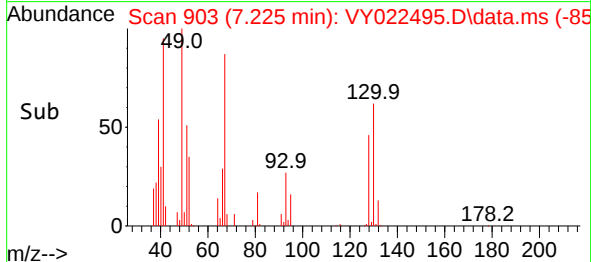
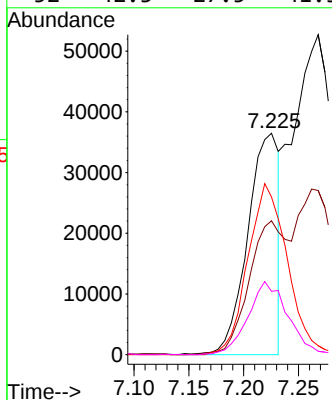
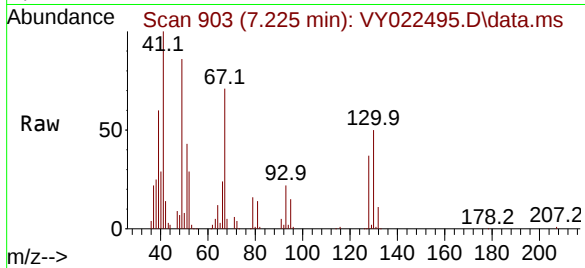




#41
Methacrylonitrile
Concen: 74.162 ug/l
RT: 7.225 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

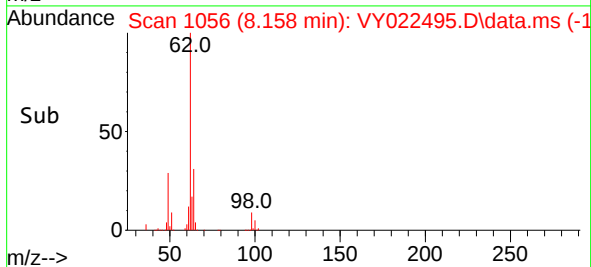
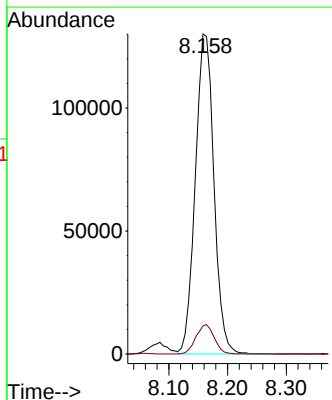
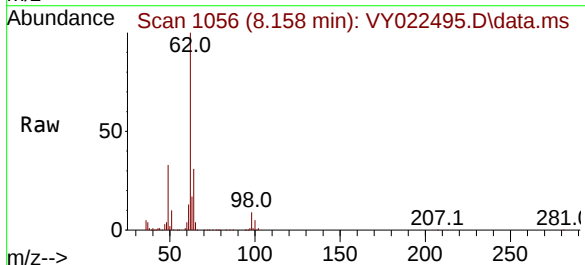
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

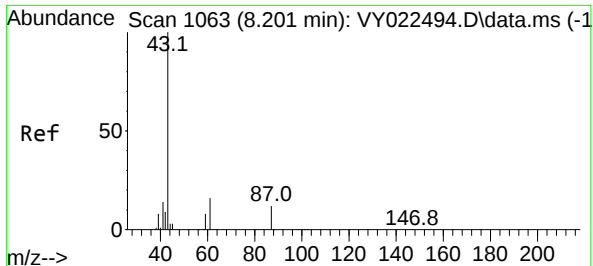
Tgt Ion: 41 Resp: 72513
Ion Ratio Lower Upper
41 100
39 77.5 46.6 69.8#
67 97.5 63.3 94.9#
52 42.3 27.5 41.3#



#42
1,2-Dichloroethane
Concen: 103.504 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 62 Resp: 286305
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.2

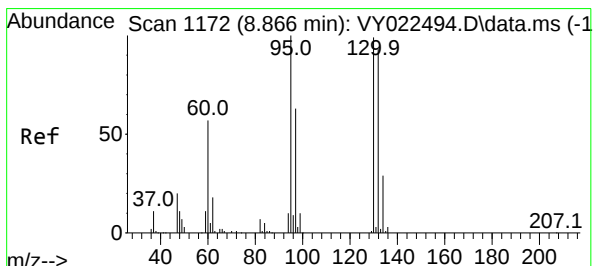
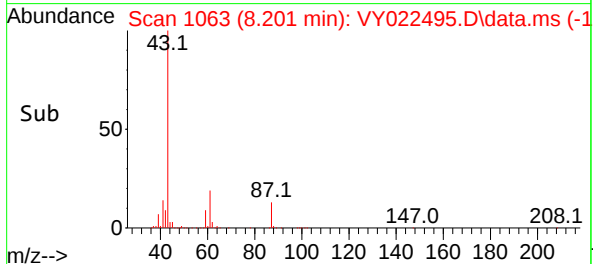
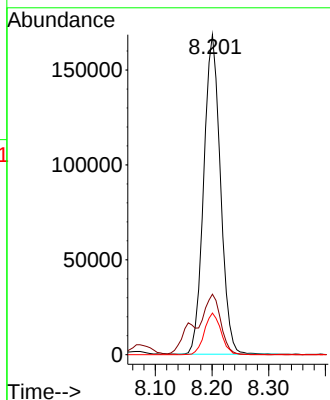
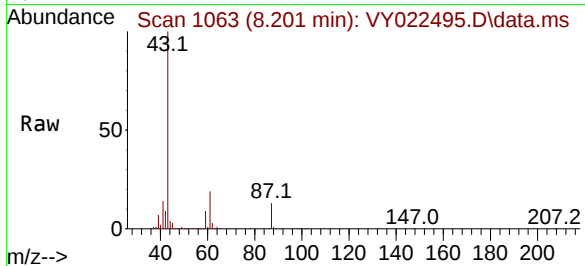




#43
Isopropyl Acetate
Concen: 103.721 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

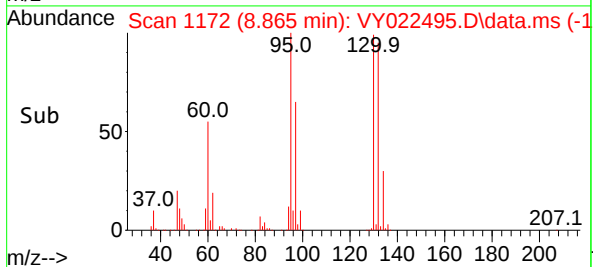
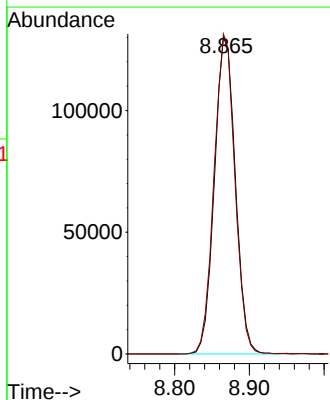
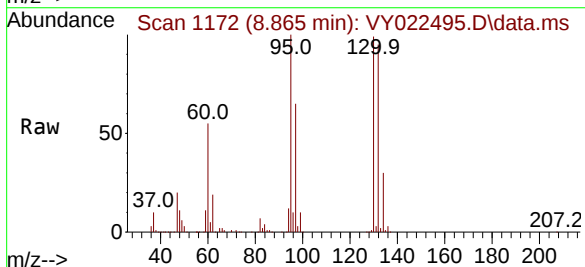
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

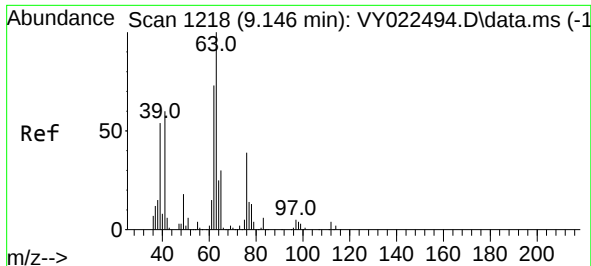
Tgt Ion: 43 Resp: 344110
Ion Ratio Lower Upper
43 100
61 20.5 15.6 23.4
87 13.0 10.2 15.4



#44
Trichloroethene
Concen: 102.104 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:130 Resp: 253632
Ion Ratio Lower Upper
130 100
95 101.1 0.0 203.0





#45

1,2-Dichloropropane

Concen: 102.865 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

Instrument :

MSVOA_Y

ClientSampleId :

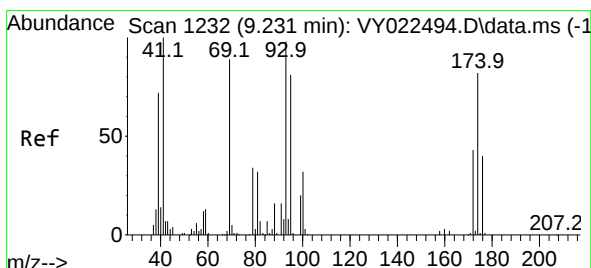
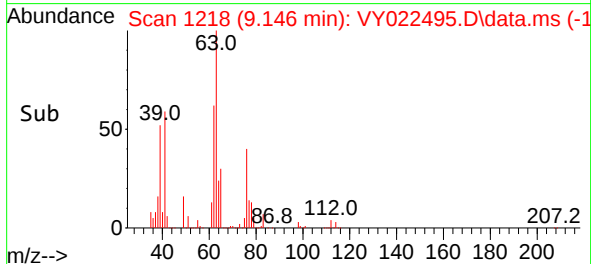
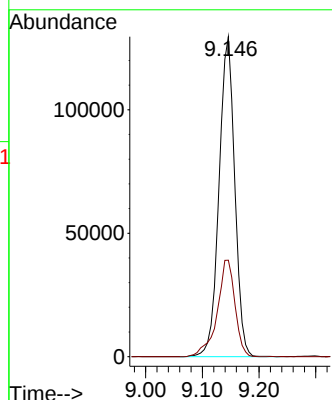
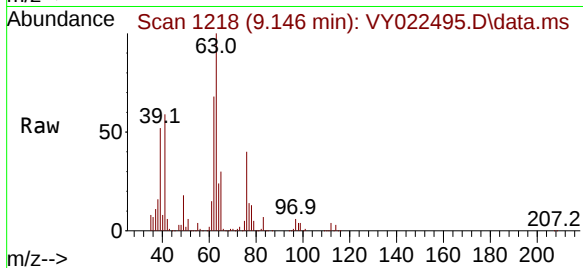
VSTDICC100

Tgt Ion: 63 Resp: 249363

Ion Ratio Lower Upper

63 100

65 30.2 24.0 36.0



#46

Dibromomethane

Concen: 102.605 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

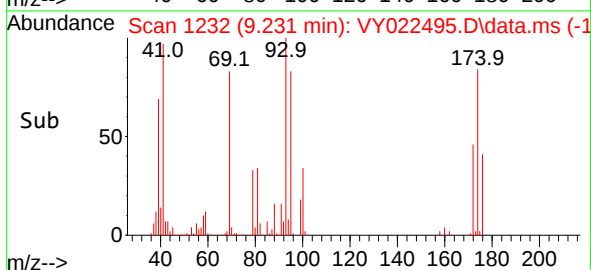
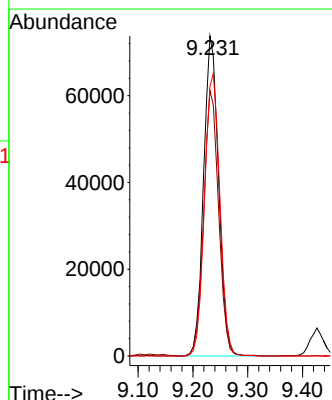
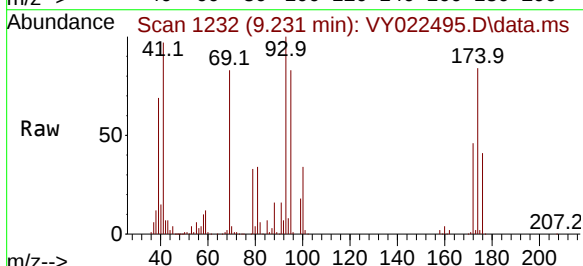
Tgt Ion: 93 Resp: 139349

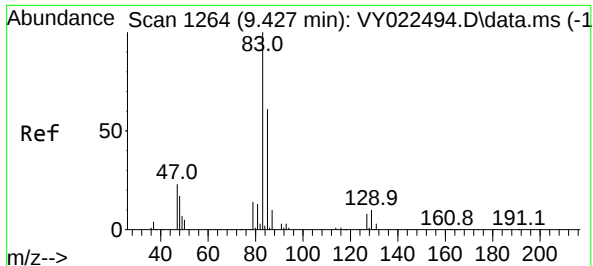
Ion Ratio Lower Upper

93 100

95 82.5 65.6 98.4

174 90.4 70.4 105.6

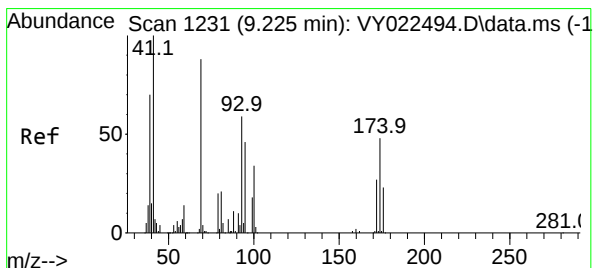
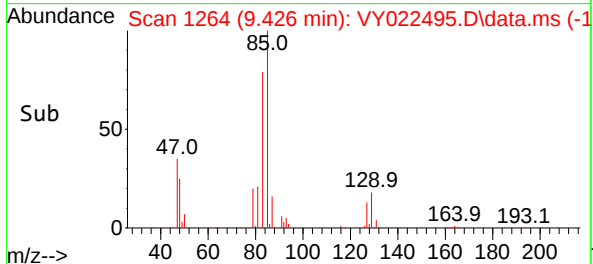
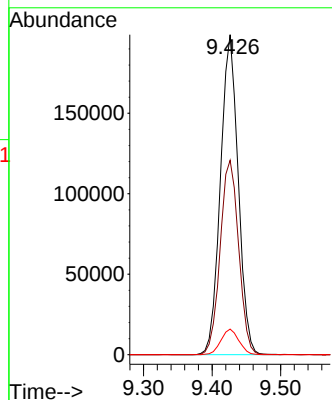
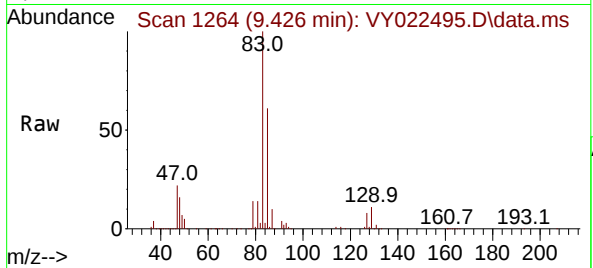




#47
 Bromodichloromethane
 Concen: 103.321 ug/l
 RT: 9.426 min Scan# 1264
 Delta R.T. -0.000 min
 Lab File: VY022495.D
 Acq: 02 Jun 2025 13:17

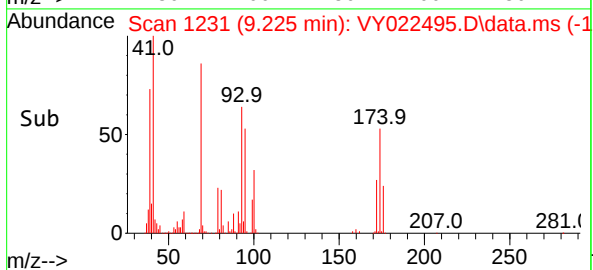
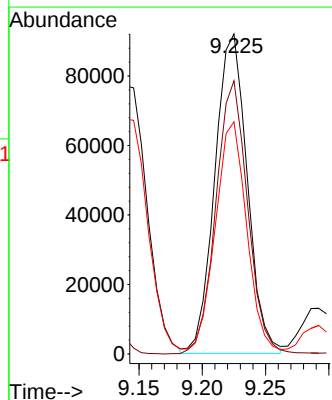
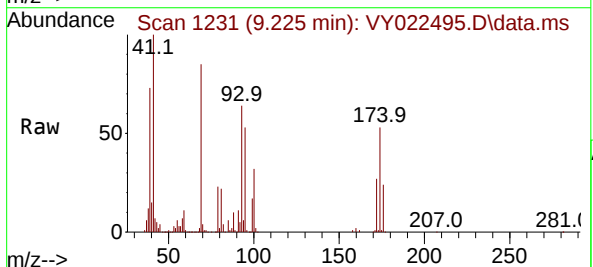
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

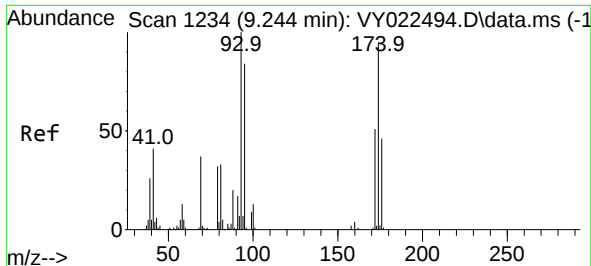
Tgt Ion: 83 Resp: 356025
 Ion Ratio Lower Upper
 83 100
 85 60.7 49.1 73.7
 127 8.0 6.2 9.4



#48
 Methyl methacrylate
 Concen: 107.875 ug/l
 RT: 9.225 min Scan# 1231
 Delta R.T. -0.000 min
 Lab File: VY022495.D
 Acq: 02 Jun 2025 13:17

Tgt Ion: 41 Resp: 163867
 Ion Ratio Lower Upper
 41 100
 69 84.0 67.8 101.8
 39 68.0 55.0 82.4





#49

1,4-Dioxane

Concen: 1955.012 ug/l

RT: 9.237 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

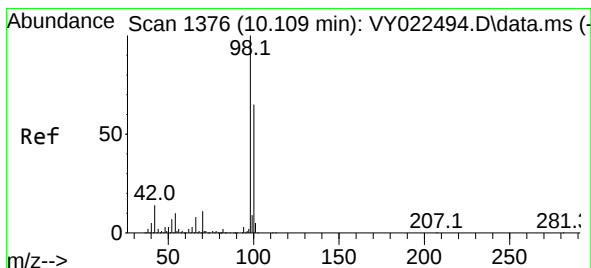
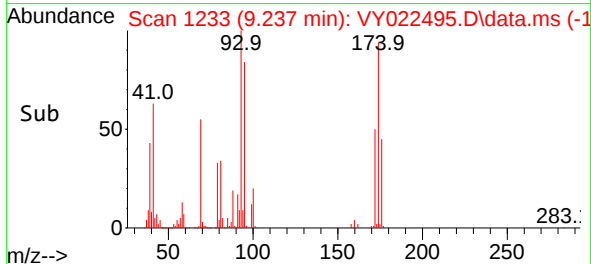
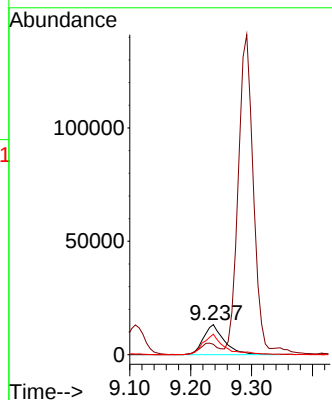
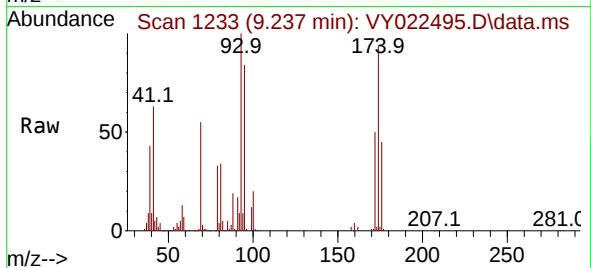
Tgt Ion: 88 Resp: 31675

Ion Ratio Lower Upper

88 100

43 35.0 25.4 38.2

58 69.1 54.9 82.3



#50

Toluene-d8

Concen: 105.318 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022495.D

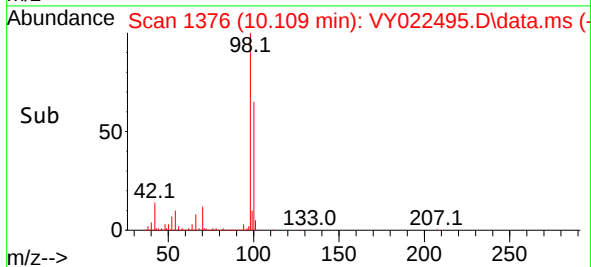
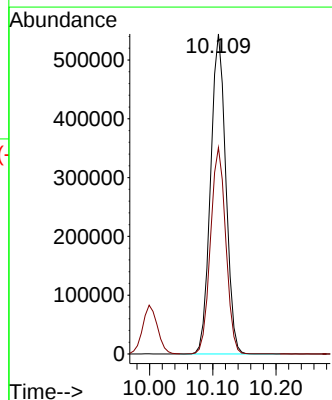
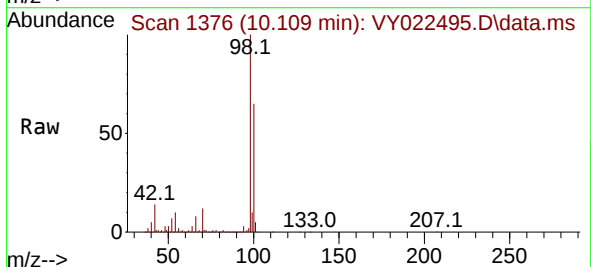
Acq: 02 Jun 2025 13:17

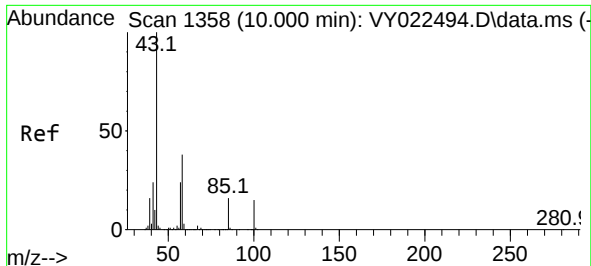
Tgt Ion: 98 Resp: 908424

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0

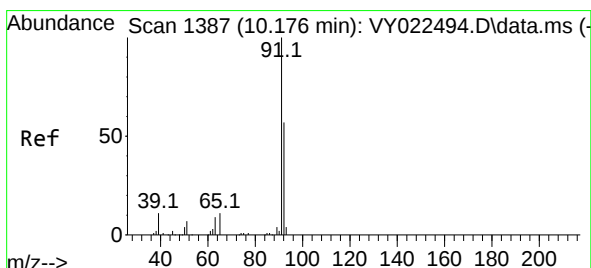
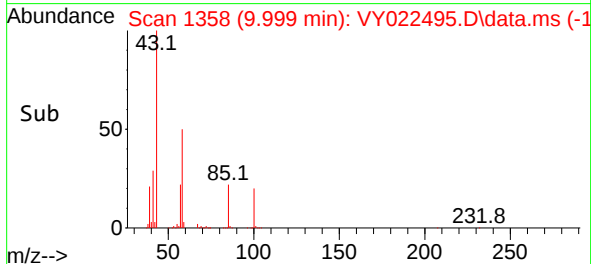
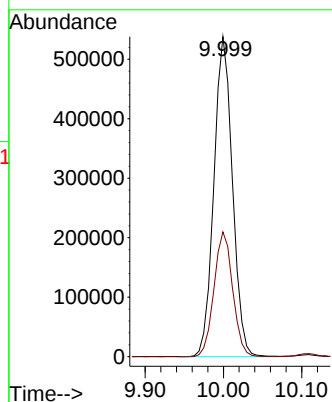
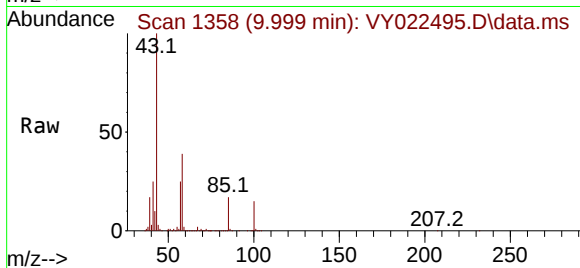




#51
4-Methyl-2-Pentanone
Concen: 537.390 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

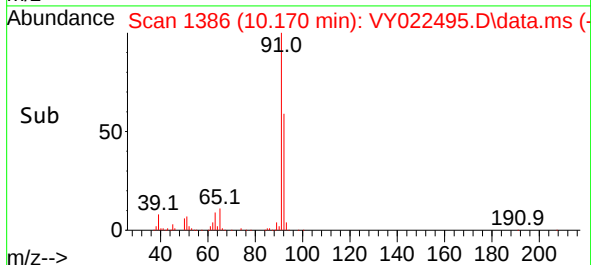
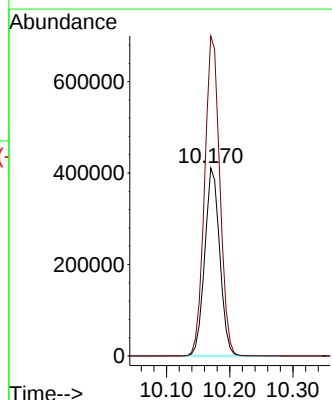
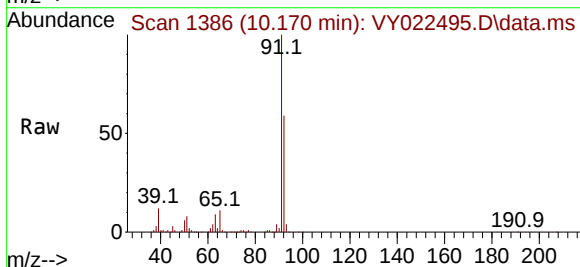
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

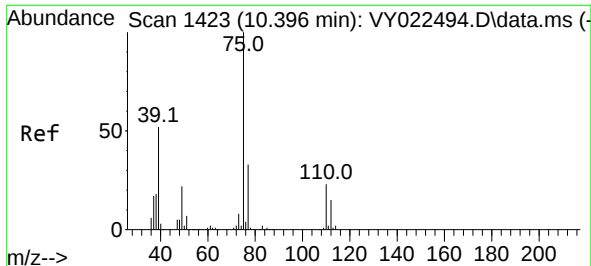
Tgt Ion: 43 Resp: 884897
Ion Ratio Lower Upper
43 100
58 39.3 30.4 45.6



#52
Toluene
Concen: 105.821 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 92 Resp: 676554
Ion Ratio Lower Upper
92 100
91 173.1 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 106.548 ug/l

RT: 10.395 min Scan# 1423

Delta R.T. -0.000 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

Instrument :

MSVOA_Y

ClientSampleId :

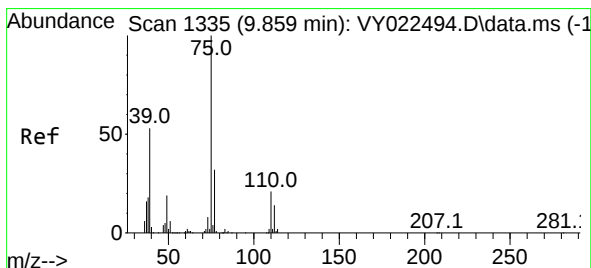
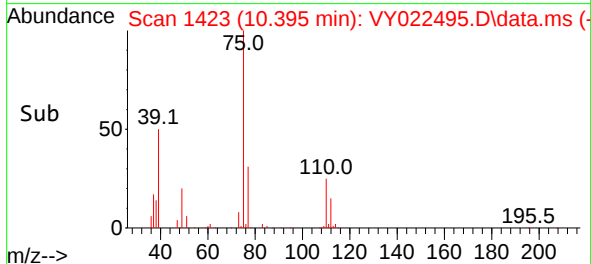
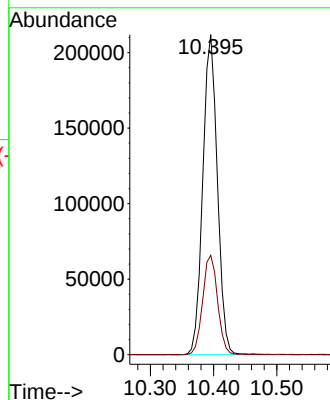
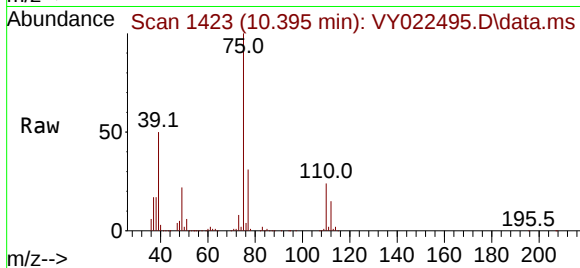
VSTDIC100

Tgt Ion: 75 Resp: 339647

Ion Ratio Lower Upper

75 100

77 31.0 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 105.579 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. -0.000 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

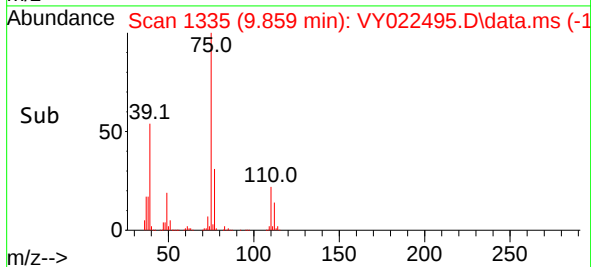
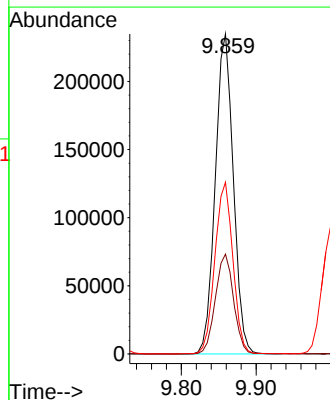
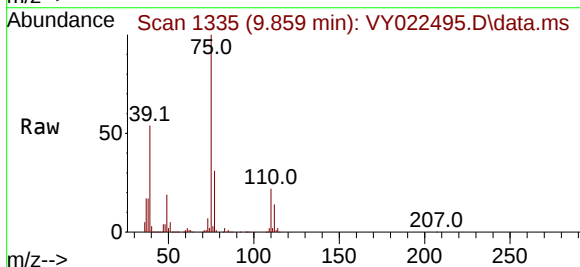
Tgt Ion: 75 Resp: 394647

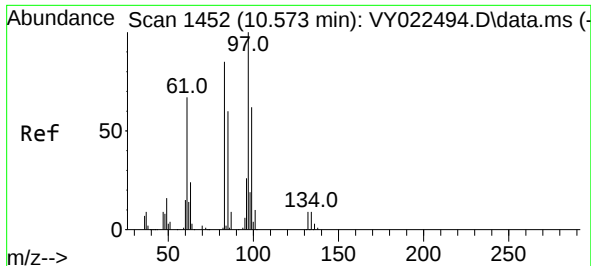
Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9

39 53.6 42.7 64.1



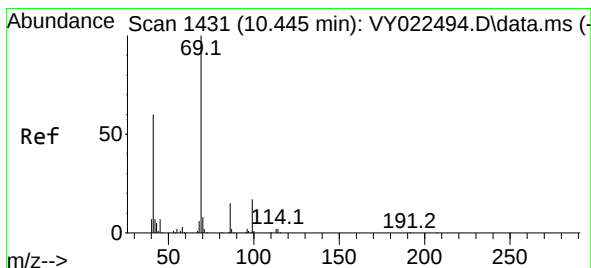
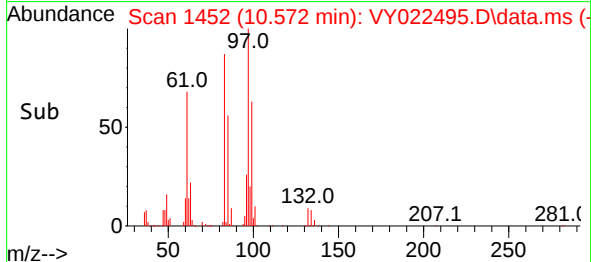
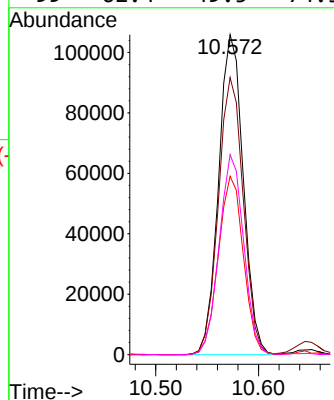
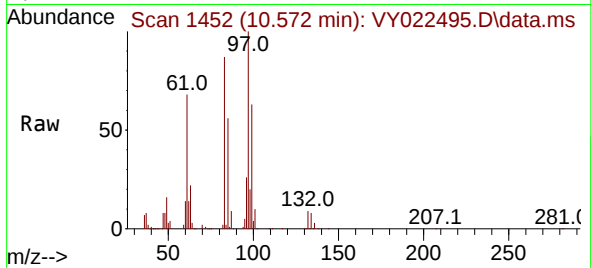


#55
1,1,2-Trichloroethane
Concen: 103.130 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 176386

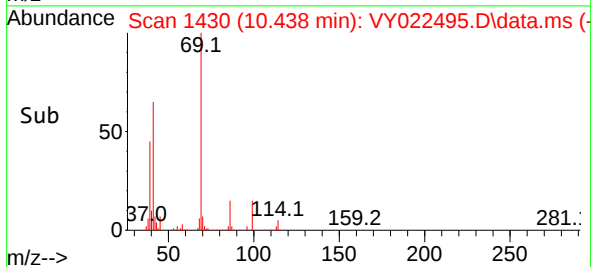
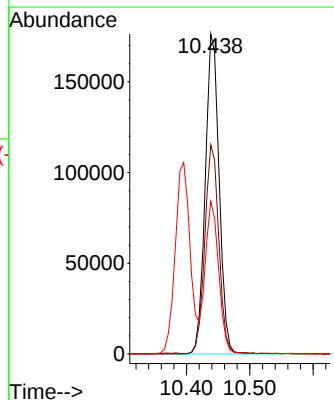
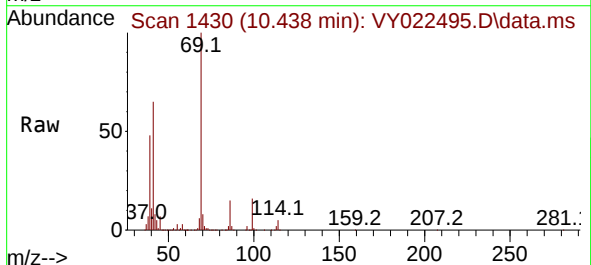
Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.1	102.1
85	55.8	48.2	72.2
99	62.4	49.5	74.3



#56
Ethyl methacrylate
Concen: 108.807 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 69 Resp: 270253

Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.2	78.2
39	45.6	36.7	55.1





#57

1,3-Dichloropropane

Concen: 103.374 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

Instrument :

MSVOA_Y

ClientSampleId :

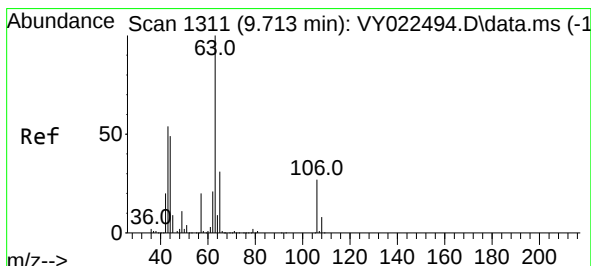
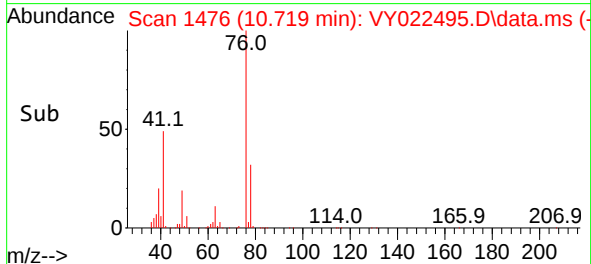
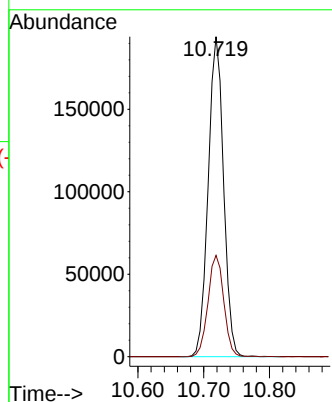
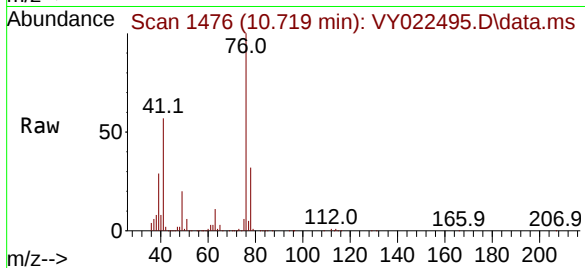
VSTDIC100

Tgt Ion: 76 Resp: 314882

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 570.744 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022495.D

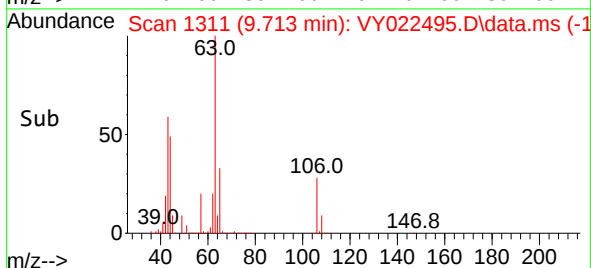
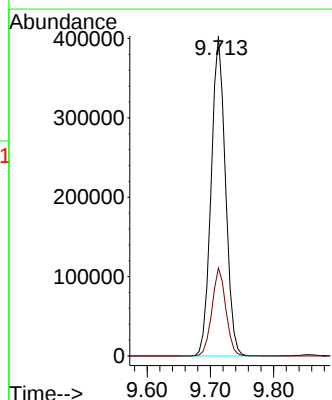
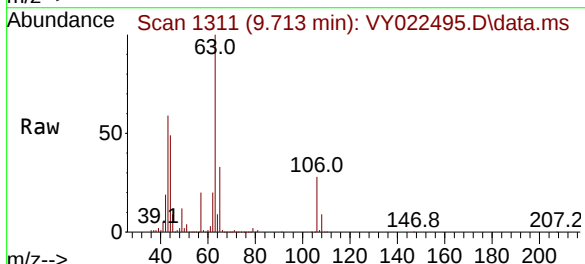
Acq: 02 Jun 2025 13:17

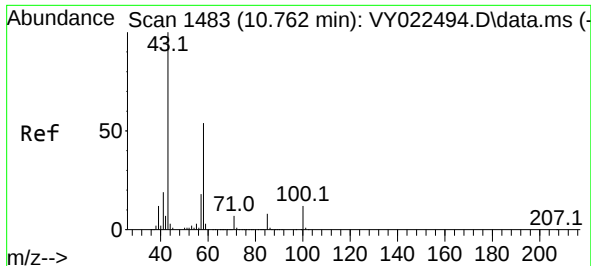
Tgt Ion: 63 Resp: 631985

Ion Ratio Lower Upper

63 100

106 26.7 21.6 32.4

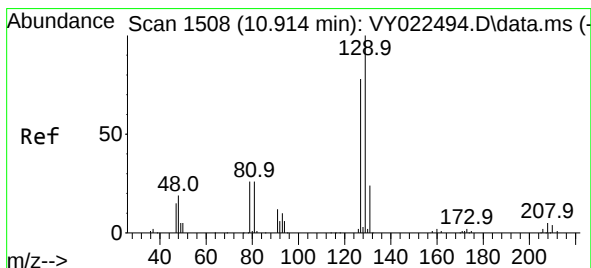
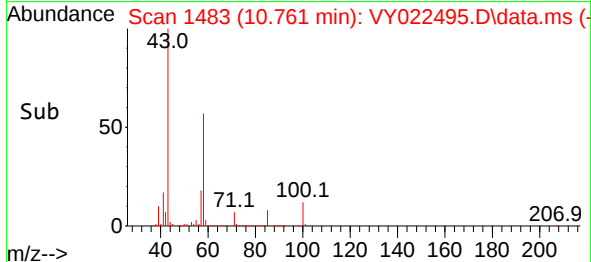
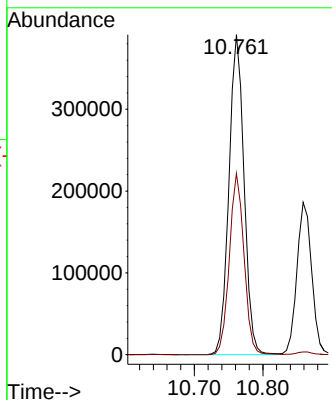
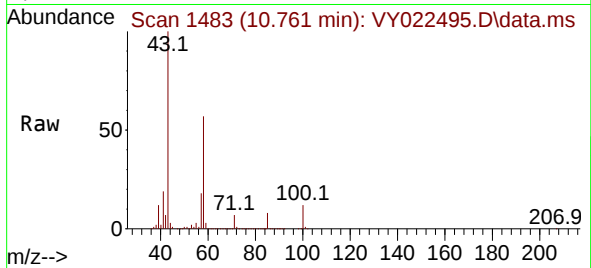




#59
2-Hexanone
Concen: 546.025 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

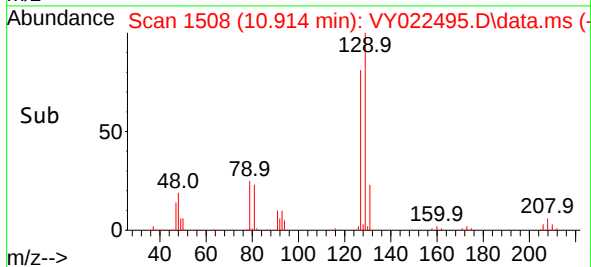
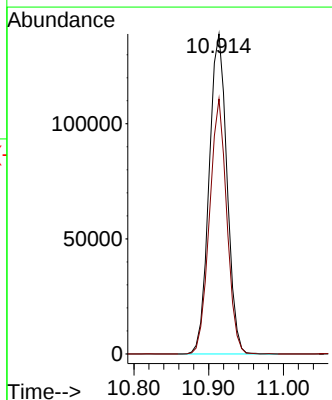
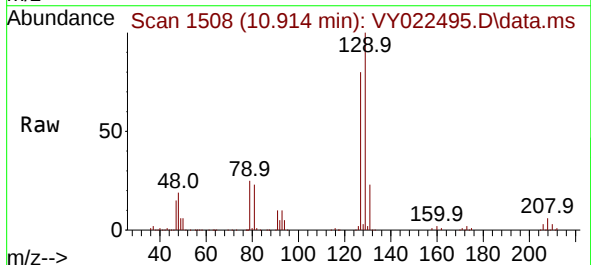
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

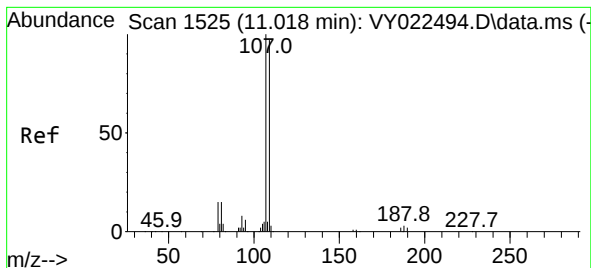
Tgt Ion: 43 Resp: 599356
Ion Ratio Lower Upper
43 100
58 55.0 27.3 81.8



#60
Dibromochloromethane
Concen: 106.862 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 129 Resp: 231582
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2

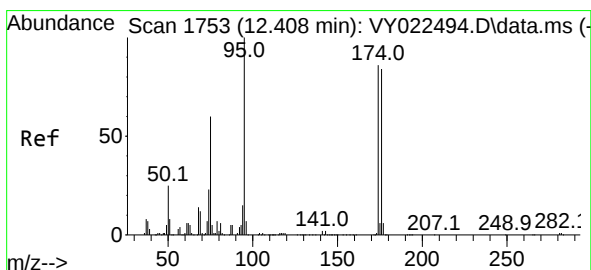
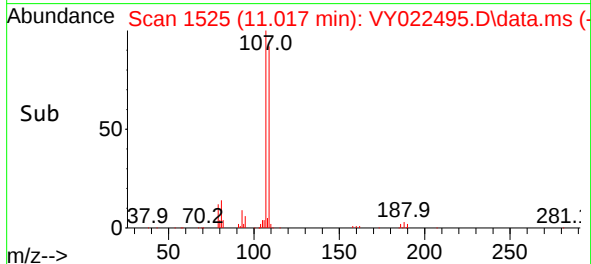
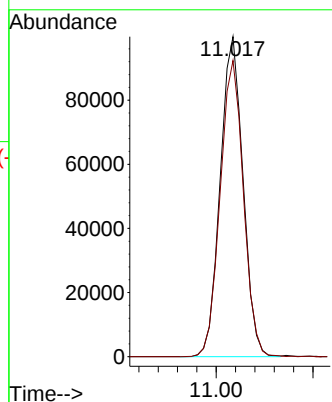
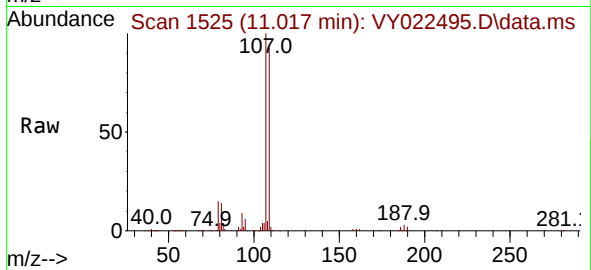




#61
1,2-Dibromoethane
Concen: 103.182 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

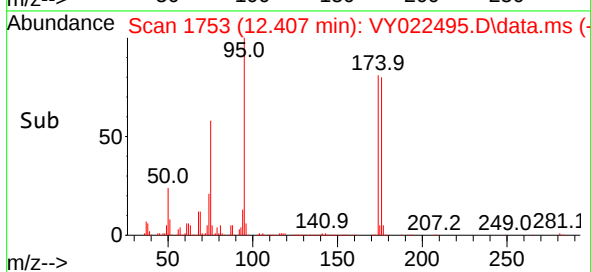
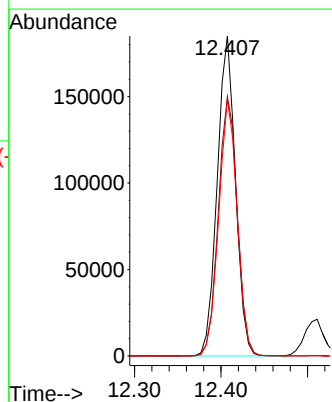
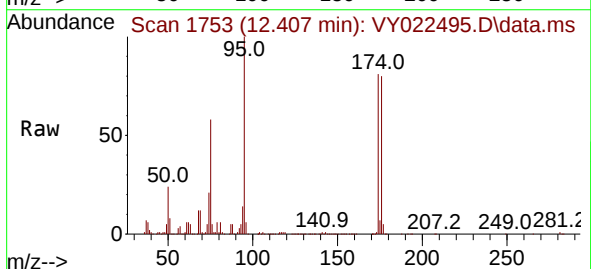
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

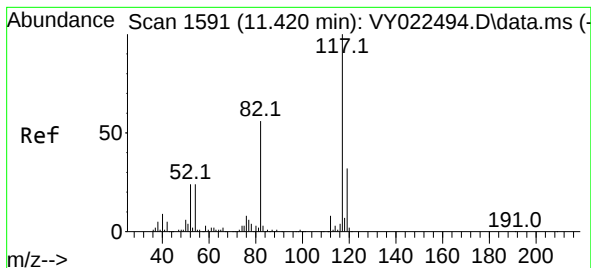
Tgt Ion:107 Resp: 162846
Ion Ratio Lower Upper
107 100
109 94.4 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 103.359 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 95 Resp: 270310
Ion Ratio Lower Upper
95 100
174 84.4 0.0 170.0
176 80.8 0.0 166.2

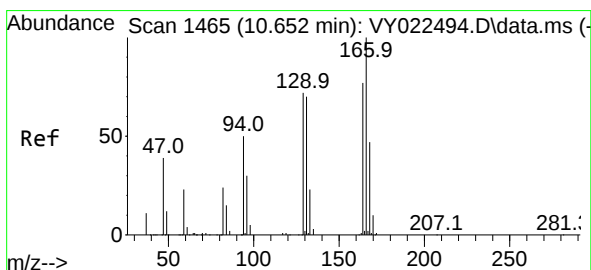
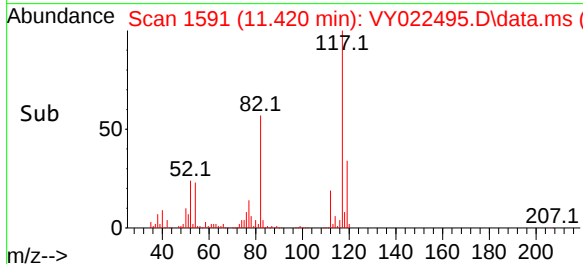
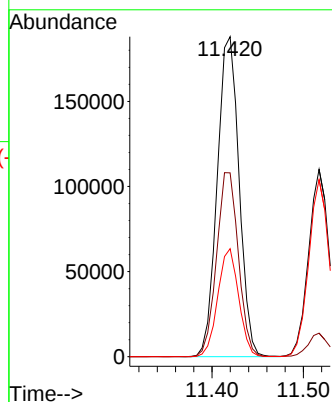
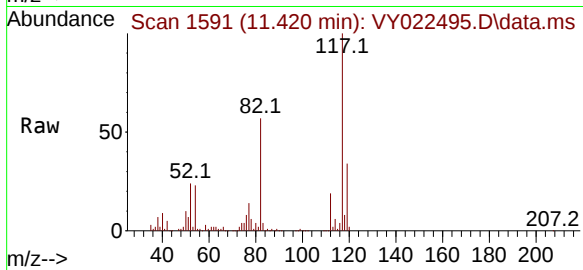




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

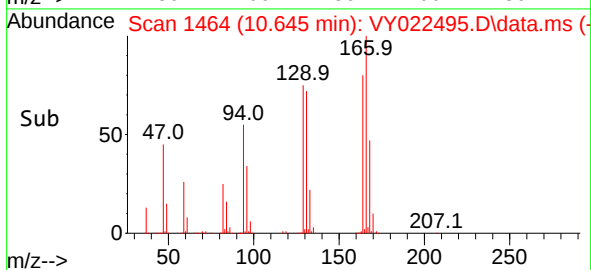
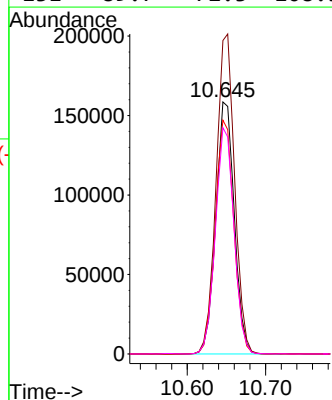
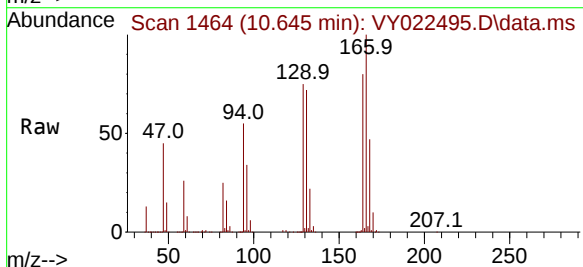
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

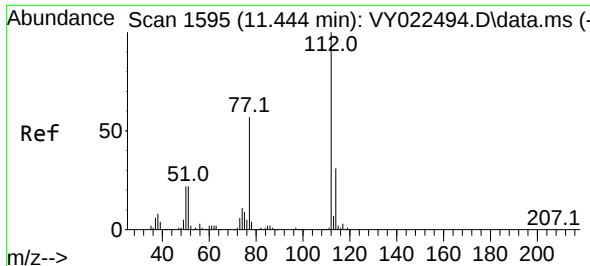
Tgt Ion:117 Resp: 312741
Ion Ratio Lower Upper
117 100
82 57.4 44.6 66.8
119 33.8 25.4 38.0



#64
Tetrachloroethene
Concen: 97.857 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:164 Resp: 260085
Ion Ratio Lower Upper
164 100
166 124.4 104.0 156.0
129 92.8 74.5 111.7
131 89.7 72.3 108.5

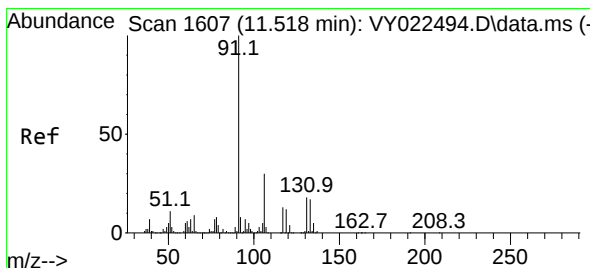
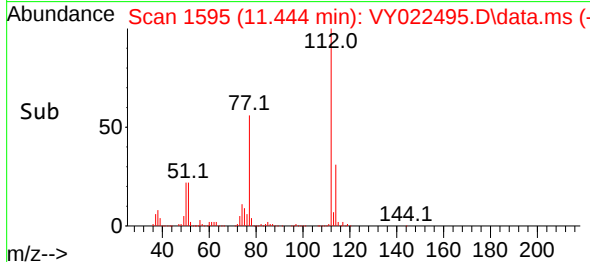
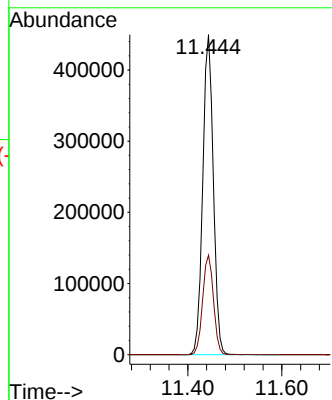
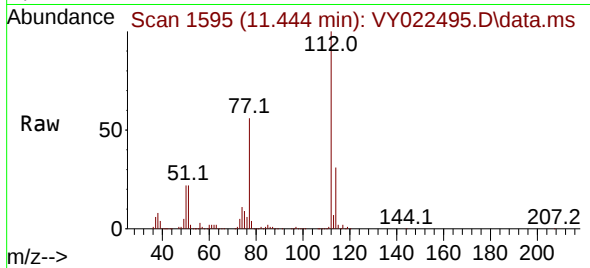




#65
Chlorobenzene
Concen: 103.277 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

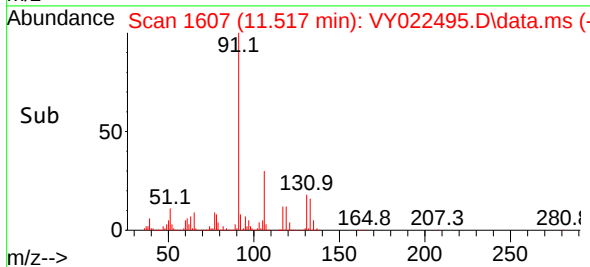
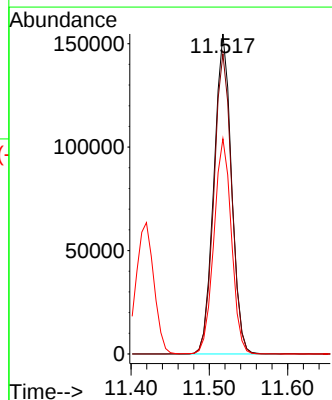
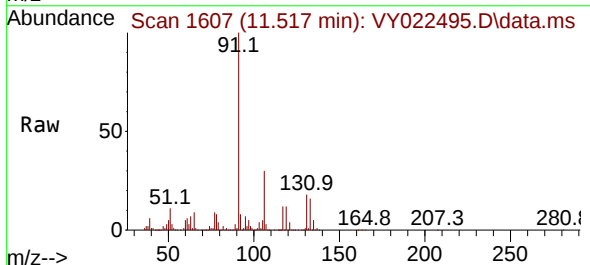
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

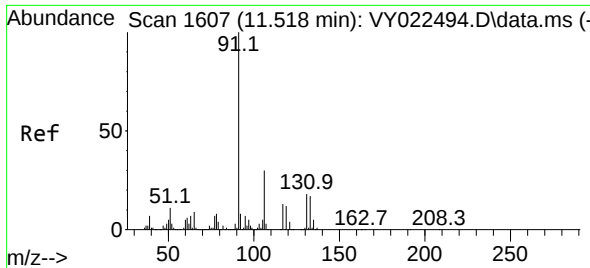
Tgt Ion:112 Resp: 700365
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 104.874 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:131 Resp: 241080
Ion Ratio Lower Upper
131 100
133 95.0 47.3 141.8
119 66.9 33.1 99.3

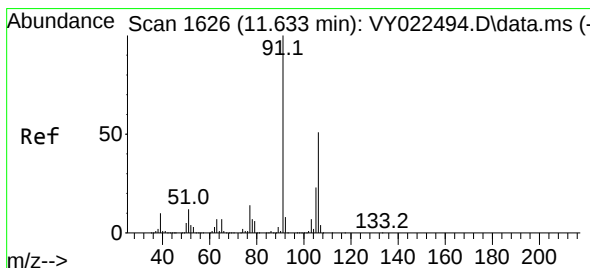
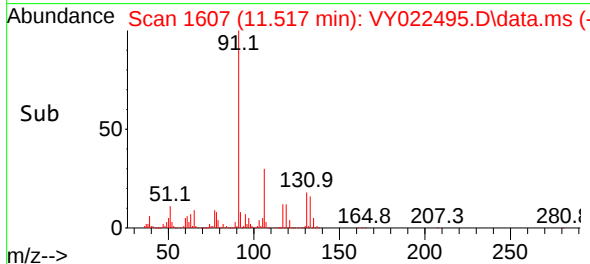
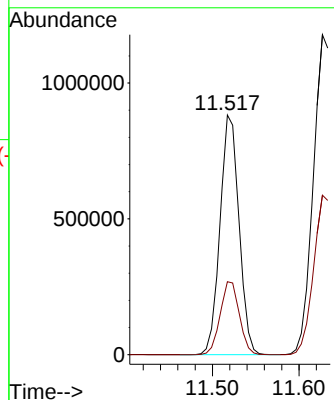
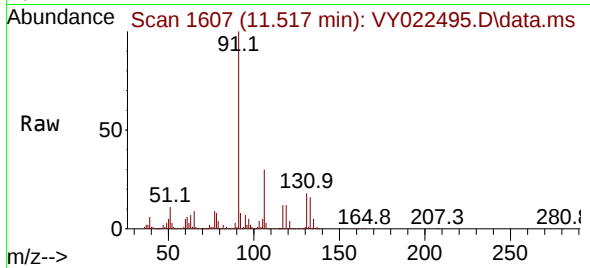




#67
Ethyl Benzene
Concen: 106.379 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

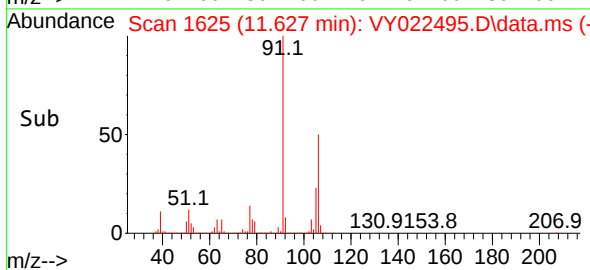
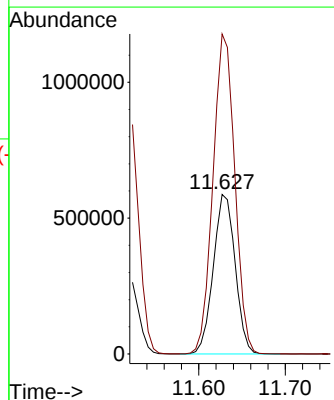
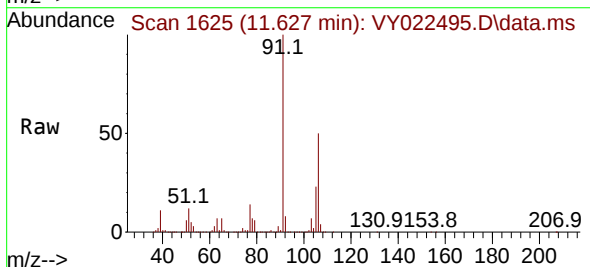
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

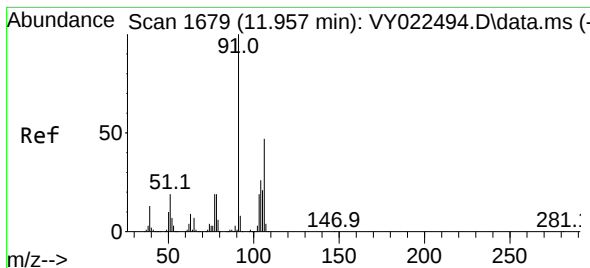
Tgt Ion: 91 Resp: 1343424
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4



#68
m/p-Xylenes
Concen: 215.017 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:106 Resp: 1027669
Ion Ratio Lower Upper
106 100
91 200.6 159.4 239.0

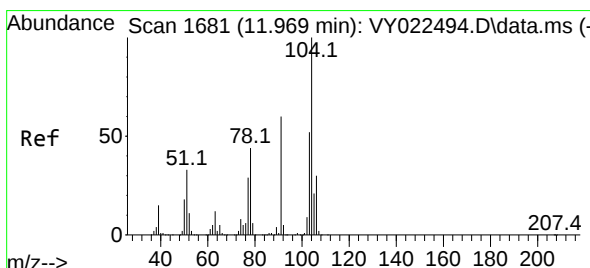
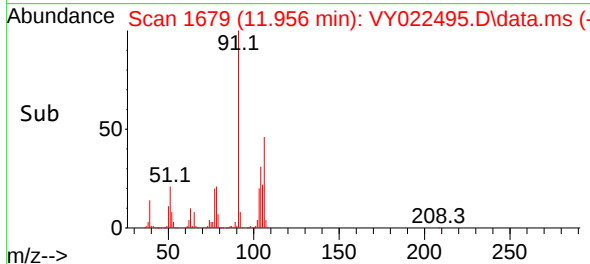
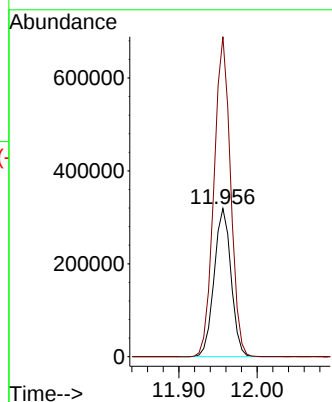
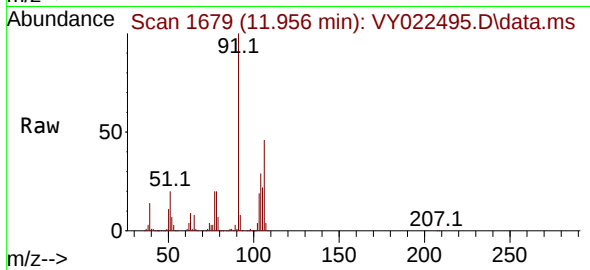




#69
o-Xylene
Concen: 106.884 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

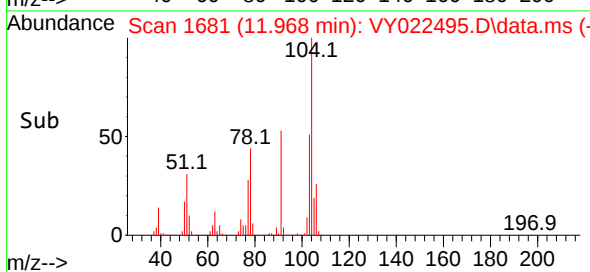
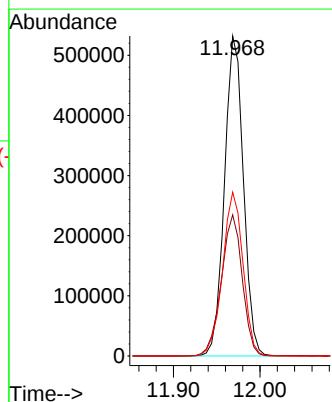
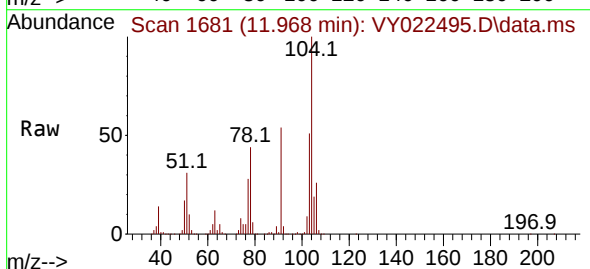
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

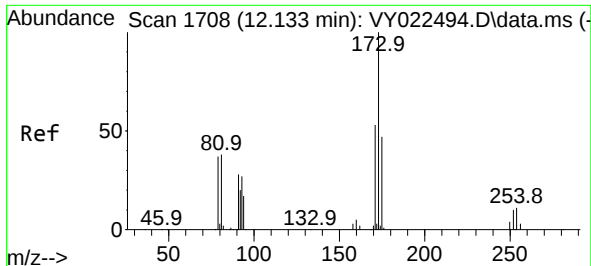
Tgt Ion:106 Resp: 478106
Ion Ratio Lower Upper
106 100
91 212.3 105.8 317.3



#70
Styrene
Concen: 109.011 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:104 Resp: 807331
Ion Ratio Lower Upper
104 100
78 48.7 39.5 59.3
103 55.3 44.1 66.1

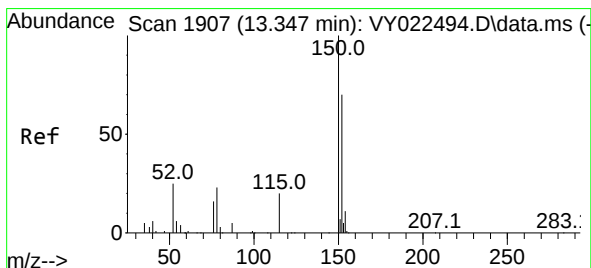
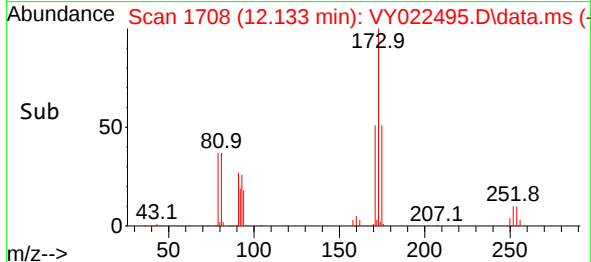
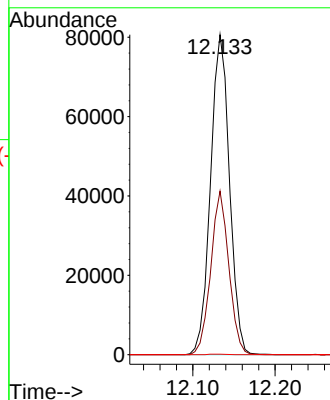
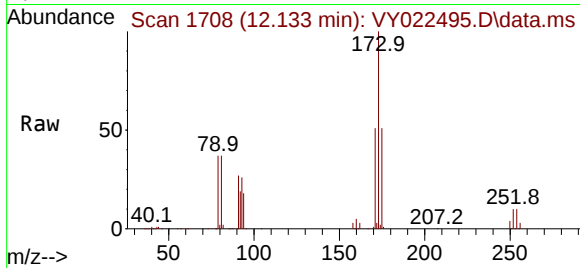




#71
Bromoform
Concen: 106.900 ug/l
RT: 12.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

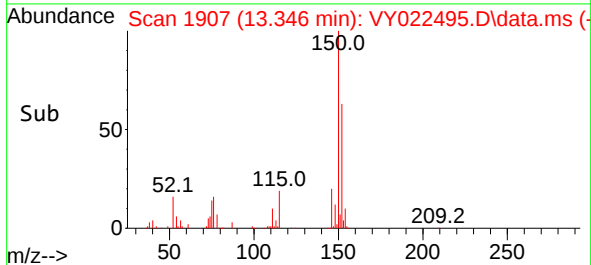
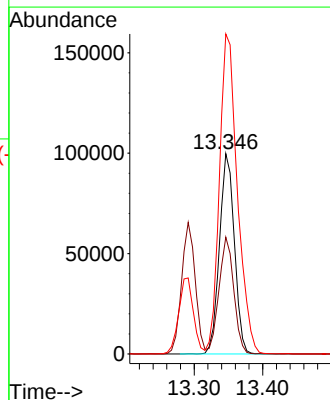
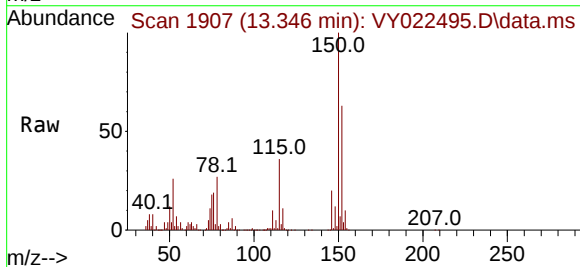
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

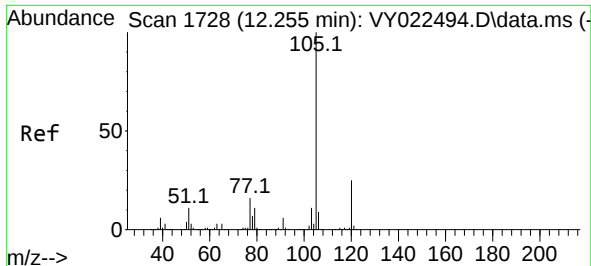
Tgt Ion:173 Resp: 129134
Ion Ratio Lower Upper
173 100
175 48.8 23.8 71.5
254 0.2 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:152 Resp: 150217
Ion Ratio Lower Upper
152 100
115 58.0 28.9 86.7
150 192.2 0.0 349.6

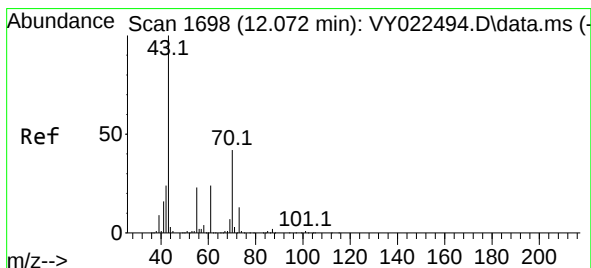
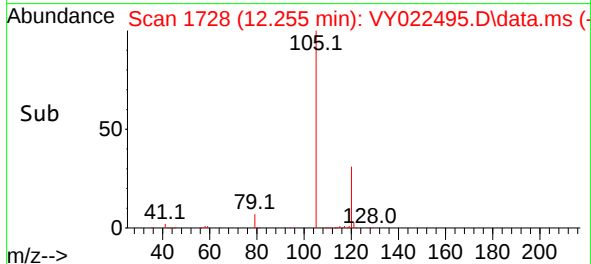
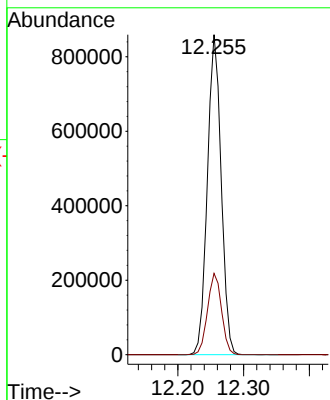
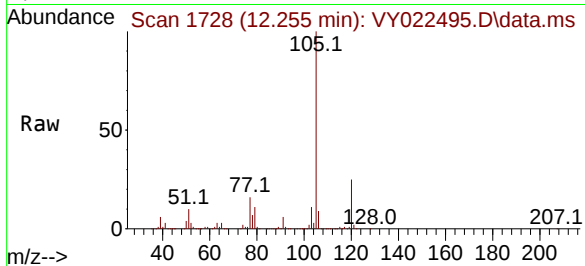




#73
Isopropylbenzene
Concen: 103.429 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

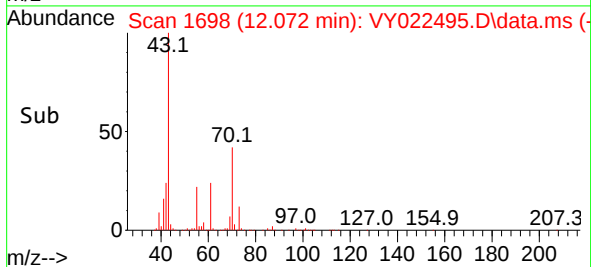
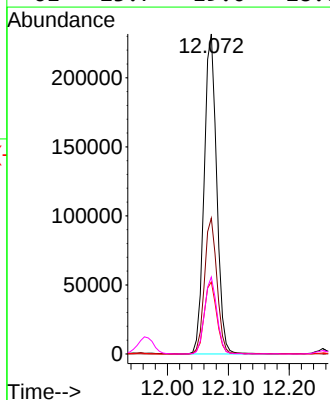
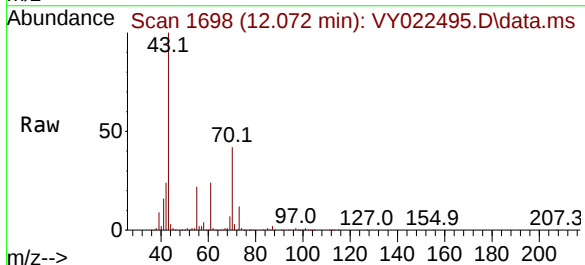
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

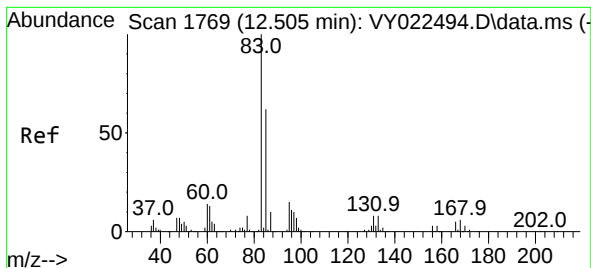
Tgt Ion:105 Resp: 1251781
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9



#74
N-ethyl acetate
Concen: 108.232 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 331256
Ion Ratio Lower Upper
43 100
70 42.4 34.2 51.2
55 22.5 18.2 27.4
61 23.7 19.0 28.6





#75

1,1,2-Tetrachloroethane

Concen: 102.543 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

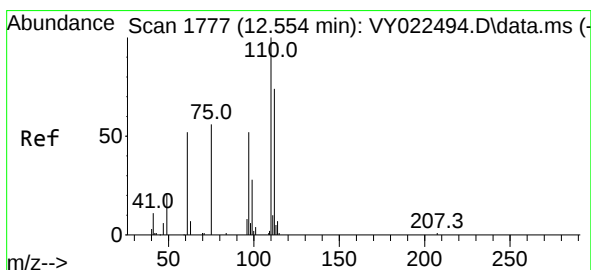
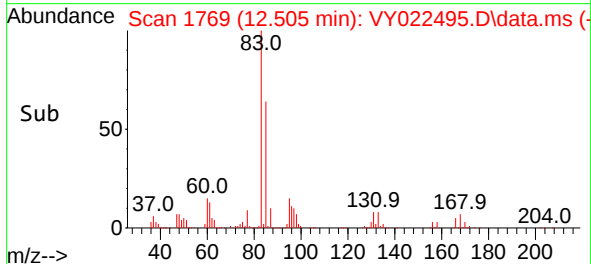
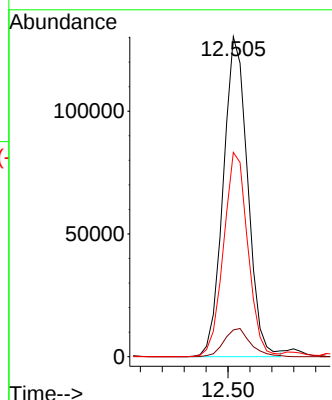
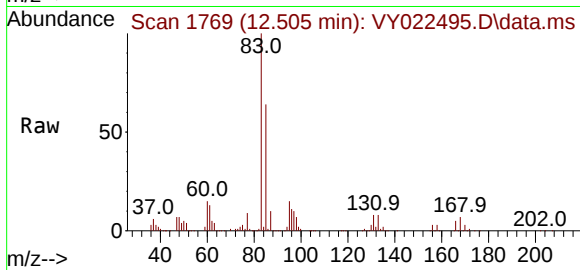
Tgt Ion: 83 Resp: 201554

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

85 63.7 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 143.759 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022495.D

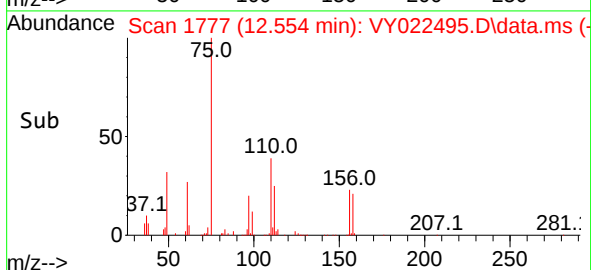
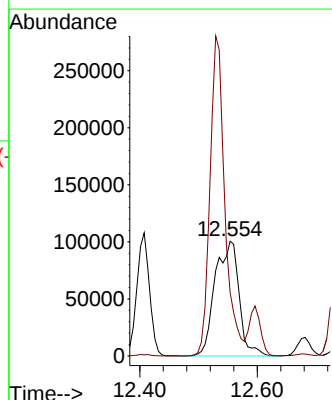
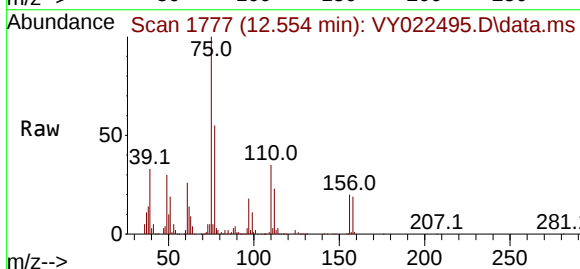
Acq: 02 Jun 2025 13:17

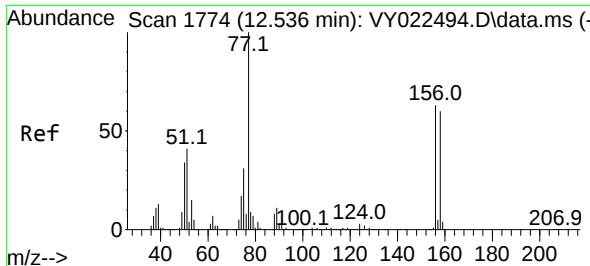
Tgt Ion: 75 Resp: 285086

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

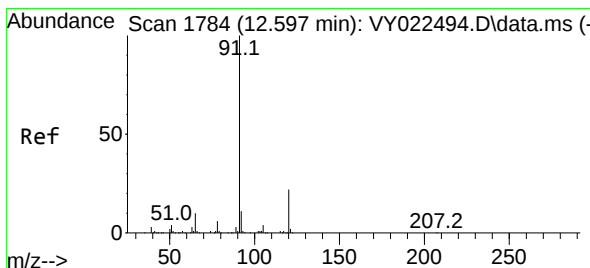
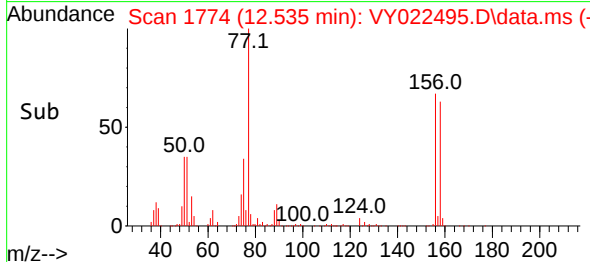
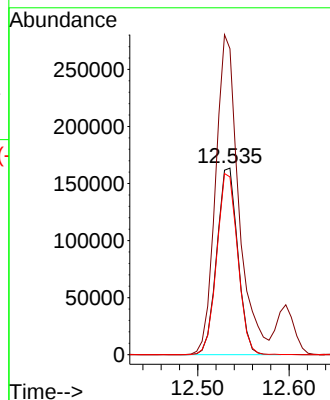
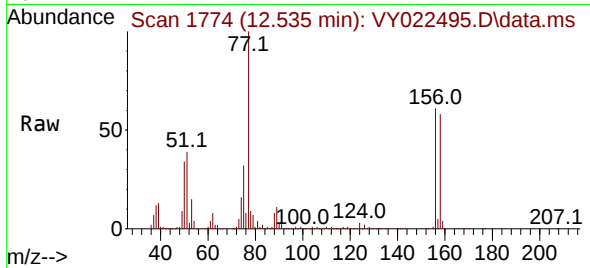




#77
Bromobenzene
Concen: 101.560 ug/l
RT: 12.535 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

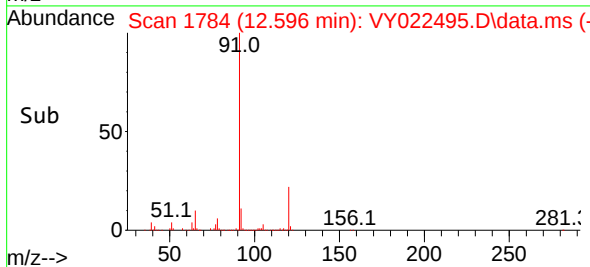
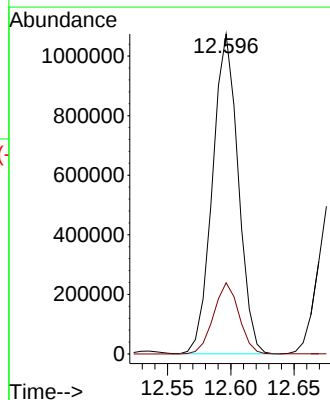
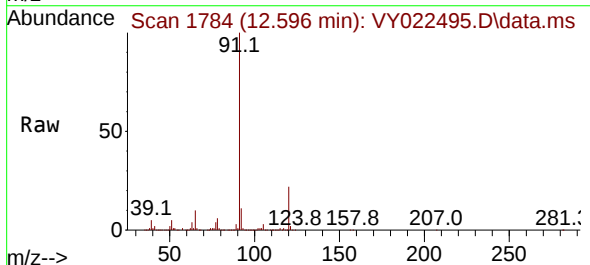
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

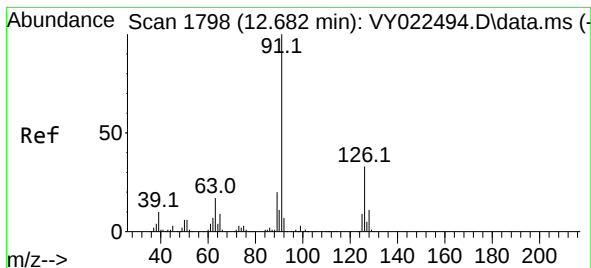
Tgt Ion:156 Resp: 260522
Ion Ratio Lower Upper
156 100
77 189.8 94.0 282.1
158 97.1 48.2 144.6



#78
n-propylbenzene
Concen: 103.002 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 91 Resp: 1517453
Ion Ratio Lower Upper
91 100
120 22.0 10.8 32.4

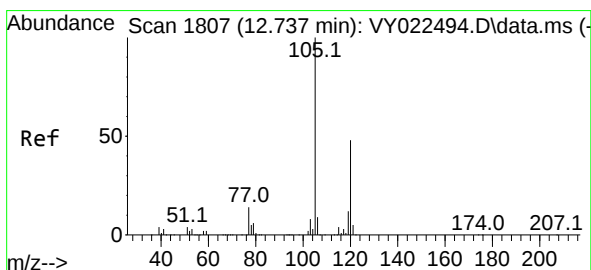
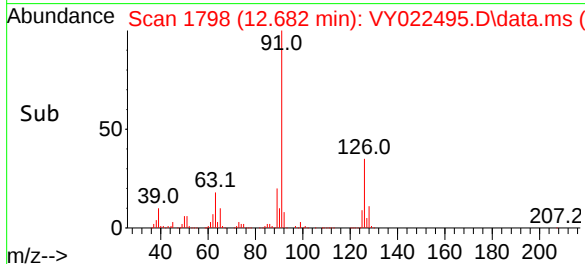
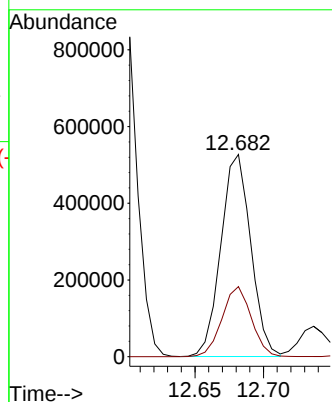
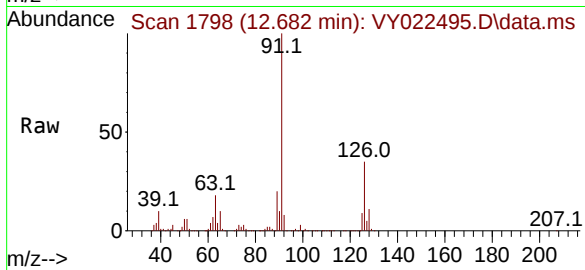




#79
2-Chlorotoluene
Concen: 102.984 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

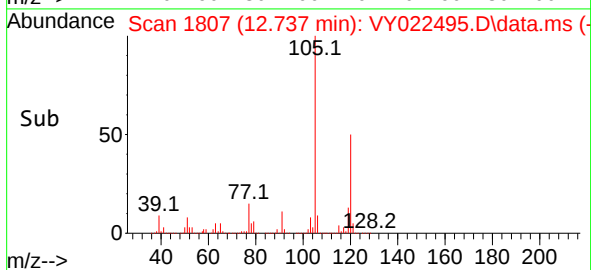
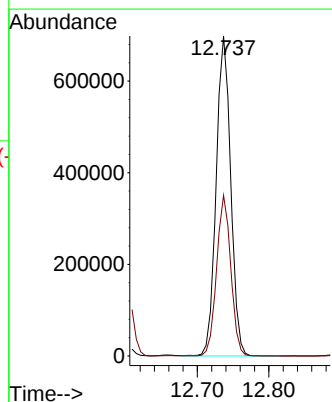
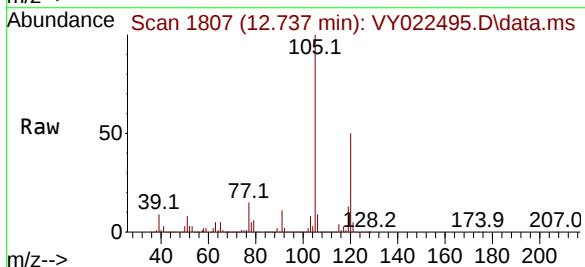
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

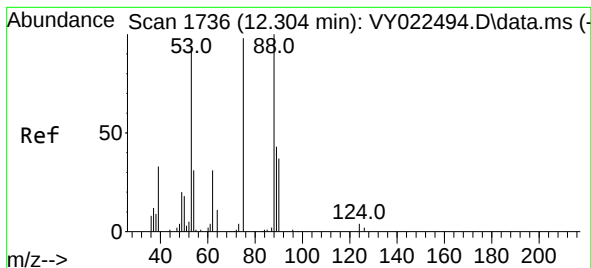
Tgt Ion: 91 Resp: 801096
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 103.959 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 105 Resp: 983812
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.4

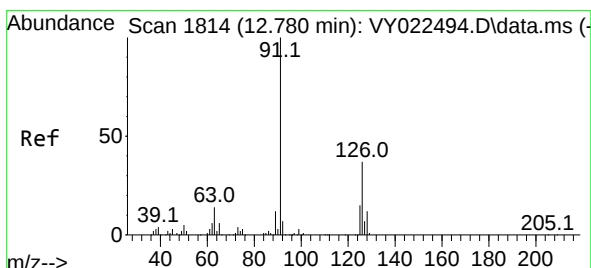
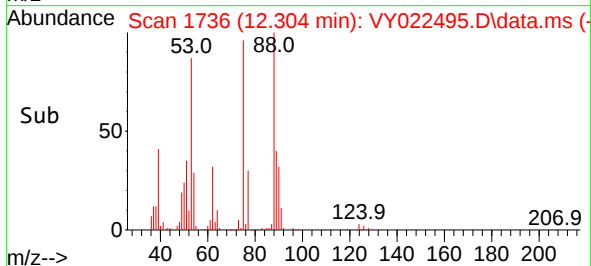
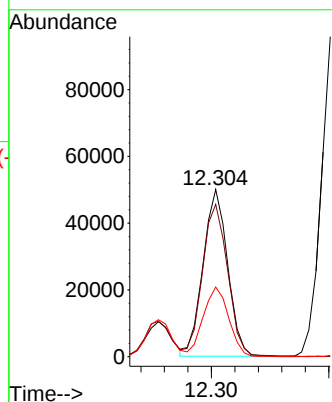
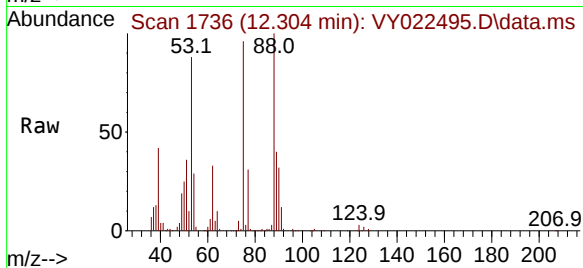




#81
trans-1,4-Dichloro-2-butene
Concen: 104.845 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

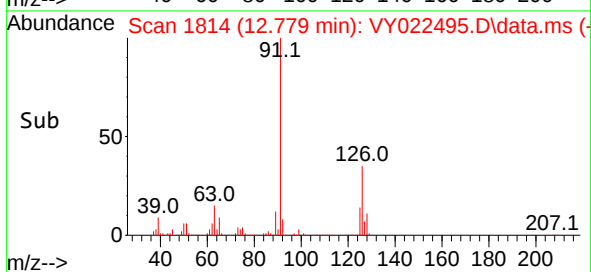
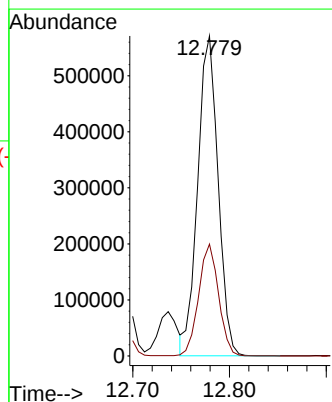
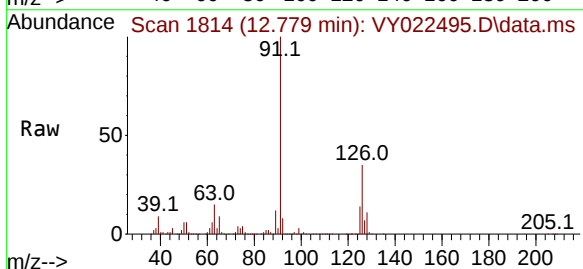
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

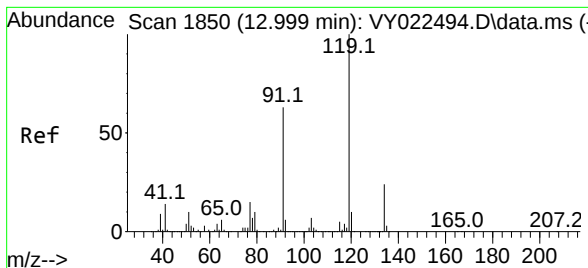
Tgt Ion: 75 Resp: 72518
Ion Ratio Lower Upper
75 100
53 94.6 78.5 117.7
89 43.2 35.7 53.5



#82
4-Chlorotoluene
Concen: 103.758 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 91 Resp: 836500
Ion Ratio Lower Upper
91 100
126 34.4 17.0 50.9





#83

tert-Butylbenzene

Concen: 102.740 ug/l

RT: 12.999 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

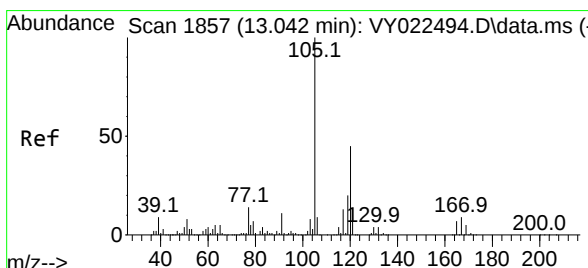
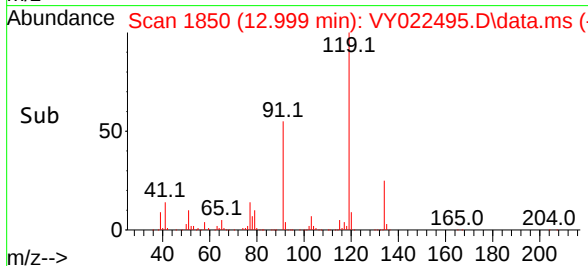
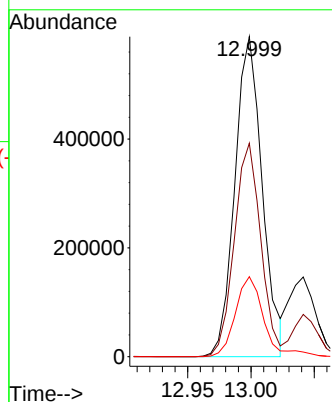
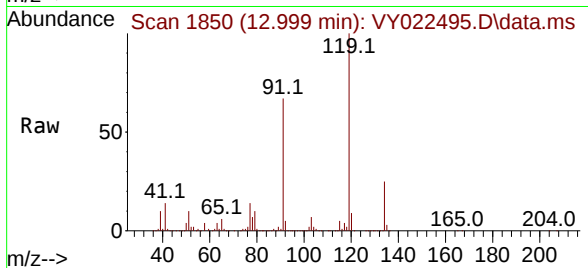
Tgt Ion:119 Resp: 886942

Ion Ratio Lower Upper

119 100

91 64.5 32.1 96.3

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 104.854 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022495.D

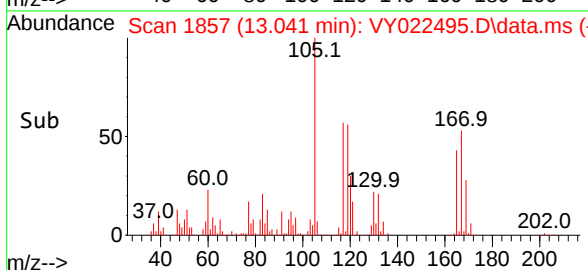
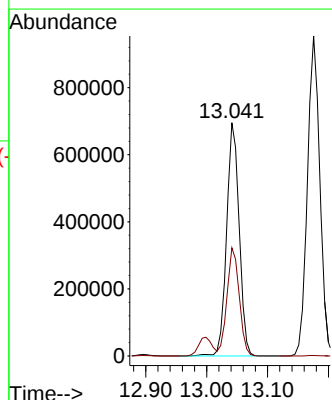
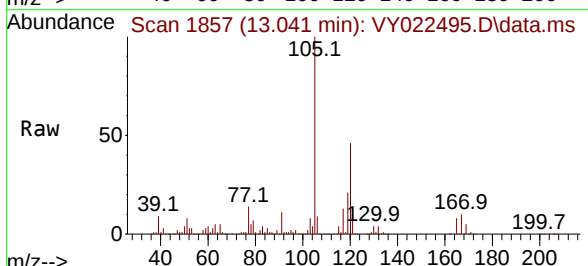
Acq: 02 Jun 2025 13:17

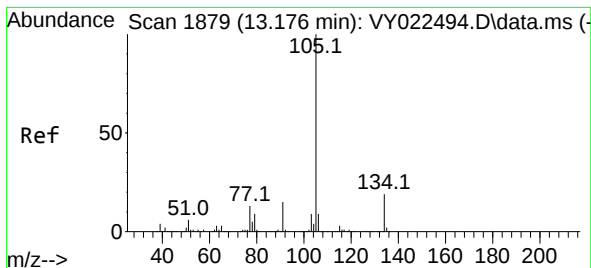
Tgt Ion:105 Resp: 992770

Ion Ratio Lower Upper

105 100

120 45.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 103.006 ug/l

RT: 13.175 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

Instrument :

MSVOA_Y

ClientSampleId :

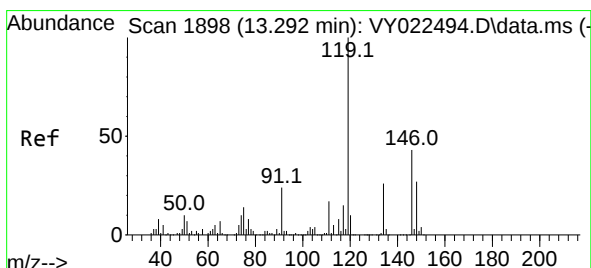
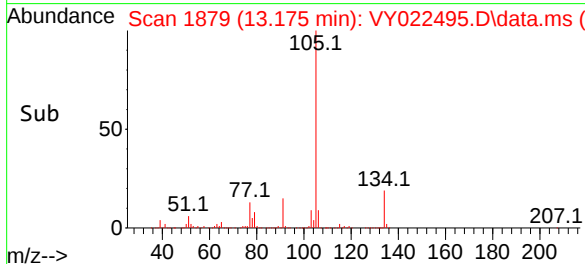
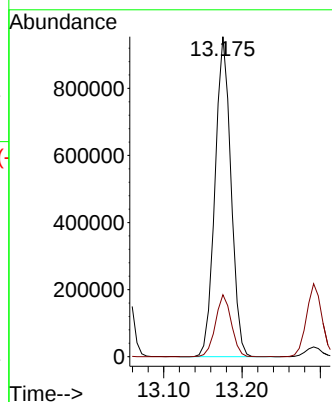
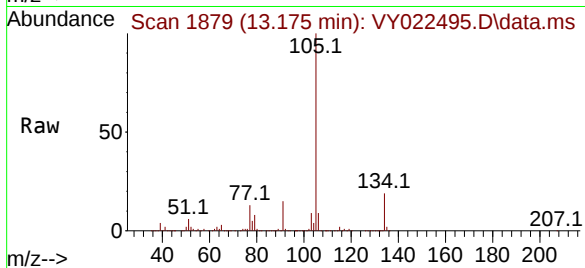
VSTDICC100

Tgt Ion:105 Resp: 1348209

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 106.760 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

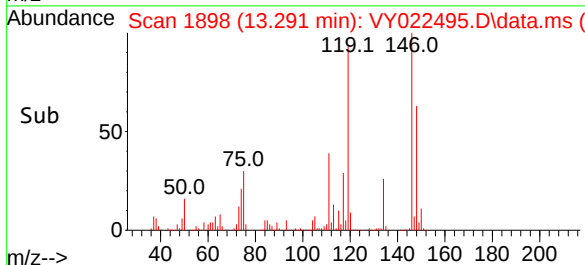
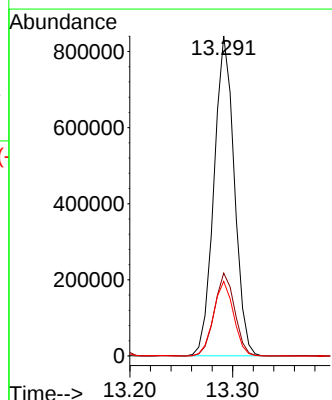
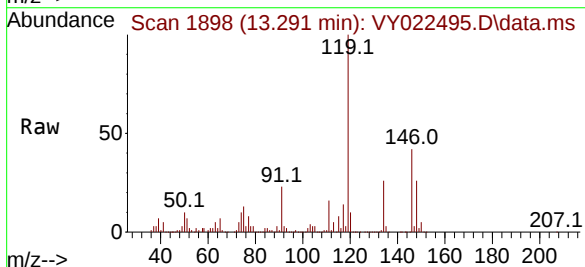
Tgt Ion:119 Resp: 1148821

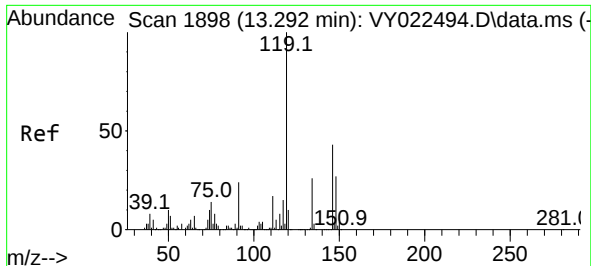
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 23.2 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 105.879 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.007 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

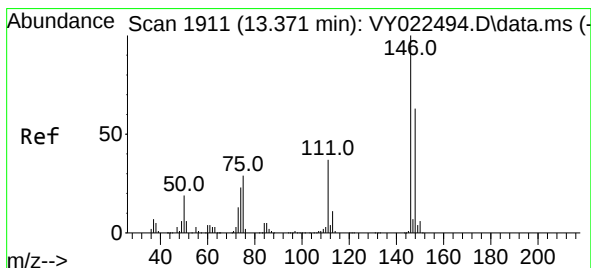
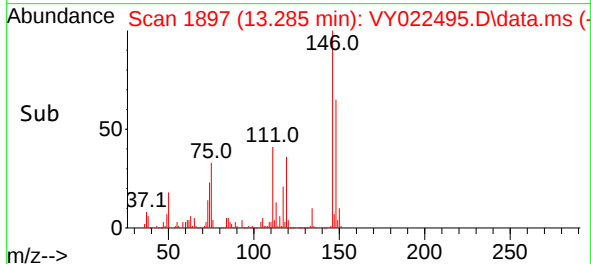
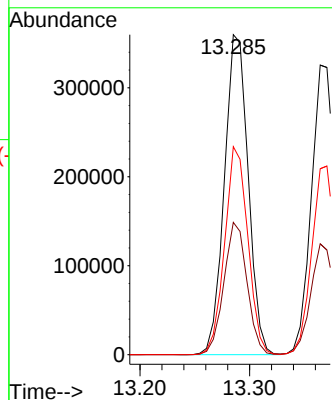
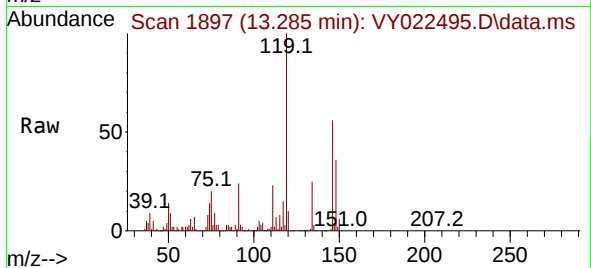
Tgt Ion:146 Resp: 543396

Ion Ratio Lower Upper

146 100

111 40.2 20.1 60.2

148 63.4 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 100.757 ug/l

RT: 13.364 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

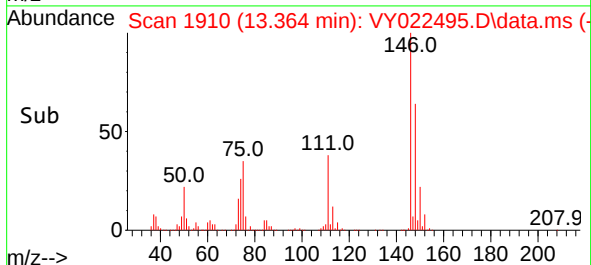
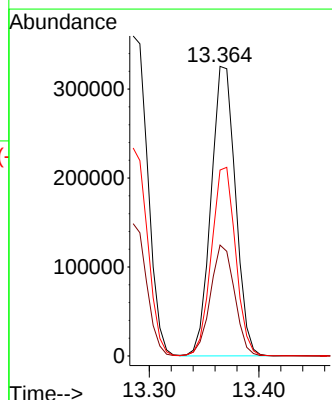
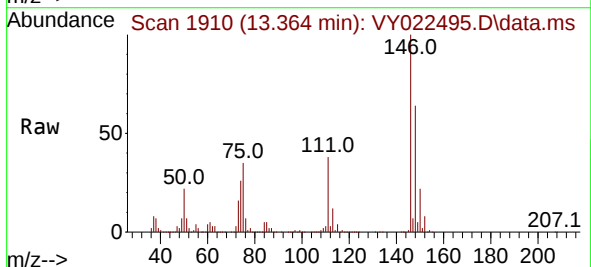
Tgt Ion:146 Resp: 503842

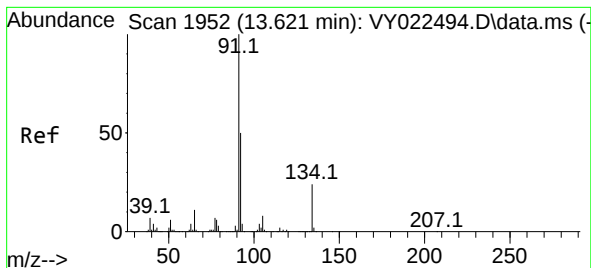
Ion Ratio Lower Upper

146 100

111 37.9 19.4 58.2

148 64.7 31.6 94.8





#89

n-Butylbenzene

Concen: 103.713 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

Instrument :

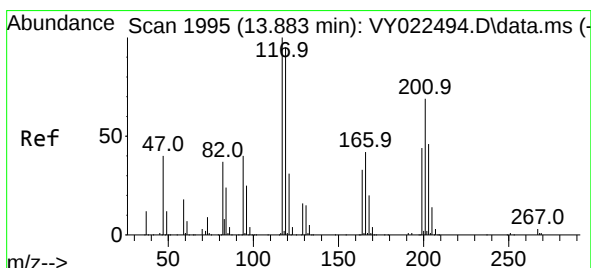
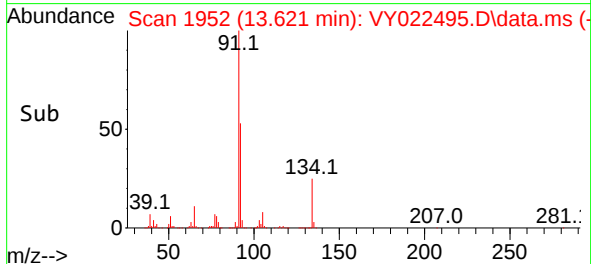
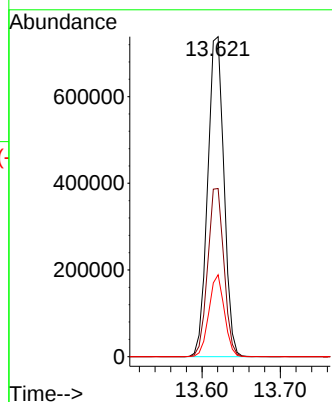
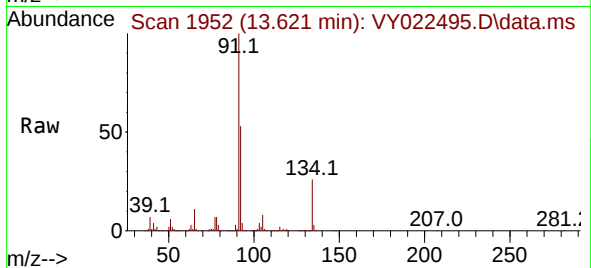
MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 1062595

Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.9	77.8
134	24.4	12.0	36.1



#90

Hexachloroethane

Concen: 101.224 ug/l

RT: 13.883 min Scan# 1995

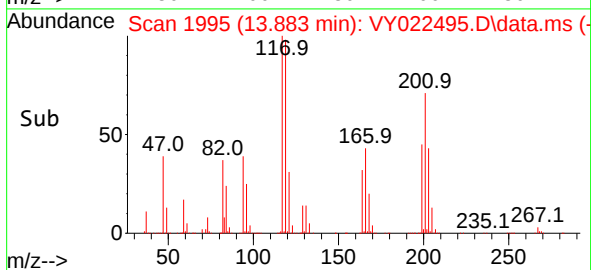
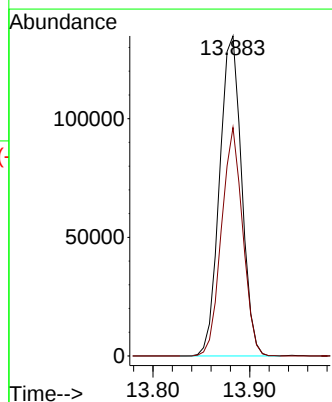
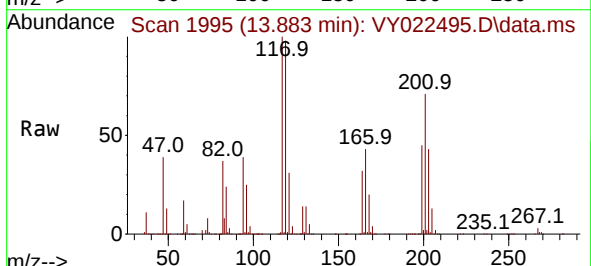
Delta R.T. -0.000 min

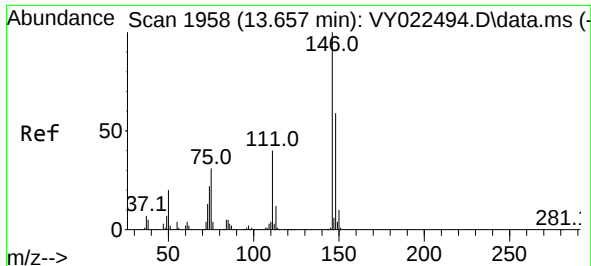
Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

Tgt Ion: 117 Resp: 213148

Ion	Ratio	Lower	Upper
117	100		
201	68.6	34.0	102.0





#91

1,2-Dichlorobenzene

Concen: 101.511 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

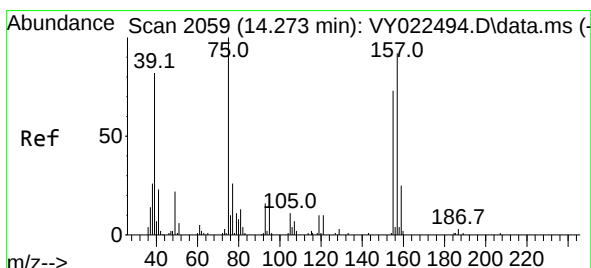
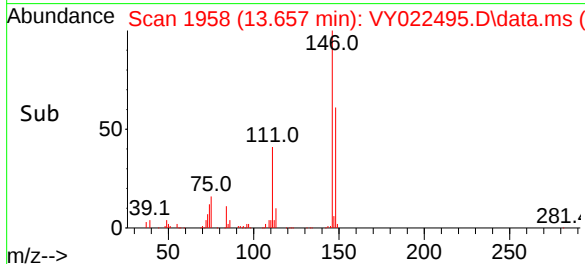
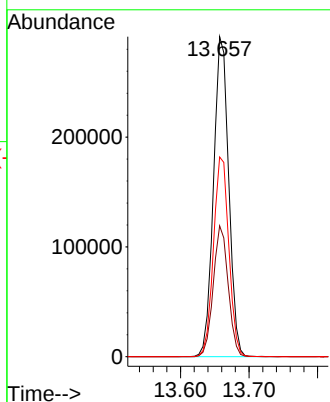
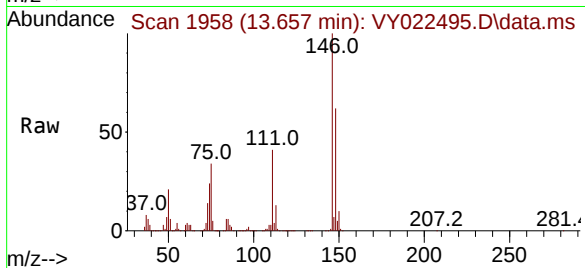
Tgt Ion:146 Resp: 447574

Ion Ratio Lower Upper

146 100

111 40.2 20.2 60.6

148 63.2 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 98.805 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

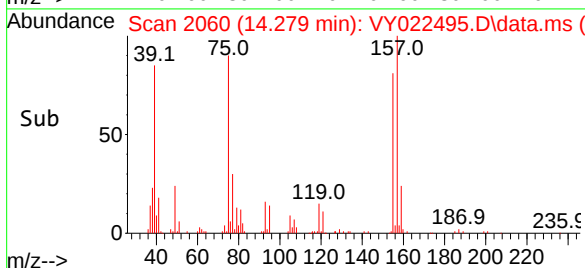
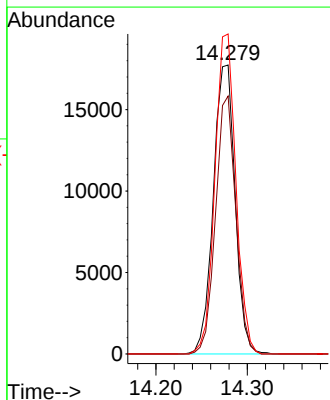
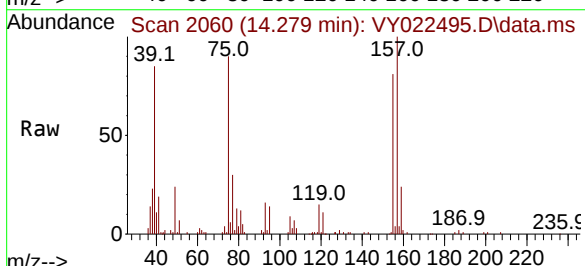
Tgt Ion: 75 Resp: 29357

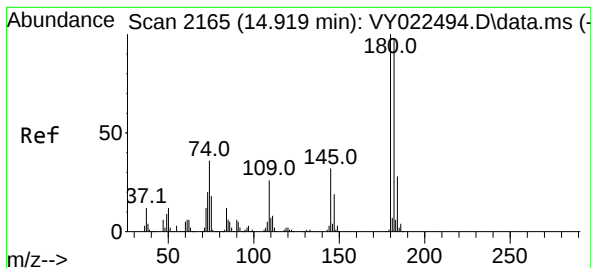
Ion Ratio Lower Upper

75 100

155 83.2 39.9 119.6

157 106.6 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 106.117 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

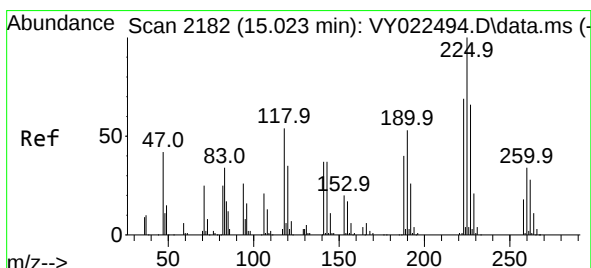
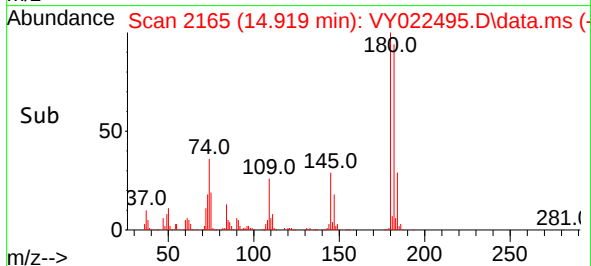
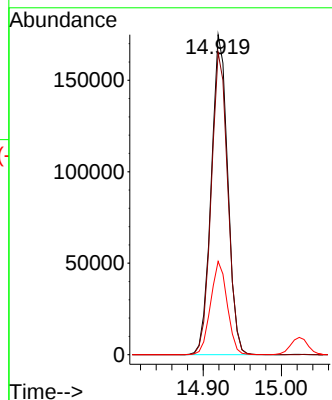
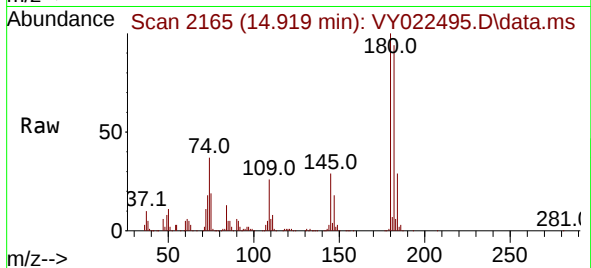
Tgt Ion:180 Resp: 255752

Ion Ratio Lower Upper

180 100

182 94.5 48.4 145.3

145 29.3 15.5 46.5



#94

Hexachlorobutadiene

Concen: 100.622 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

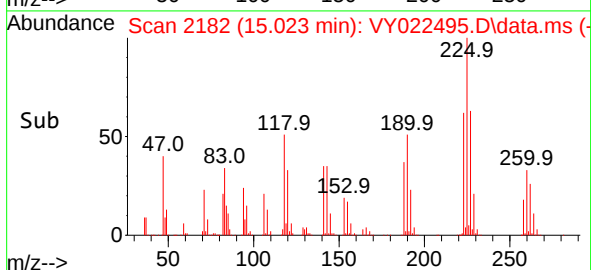
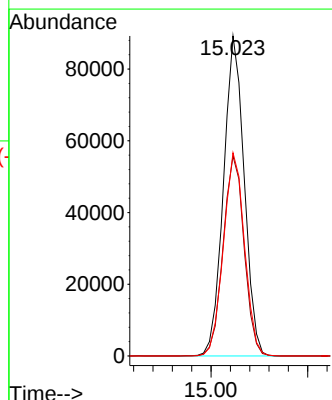
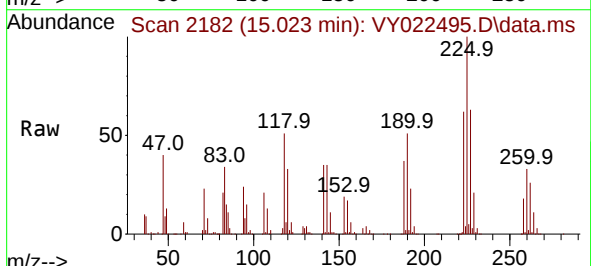
Tgt Ion:225 Resp: 132452

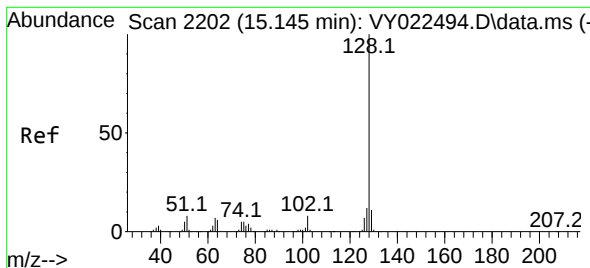
Ion Ratio Lower Upper

225 100

223 63.3 32.5 97.4

227 64.6 32.3 96.9





#95

Naphthalene

Concen: 108.155 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

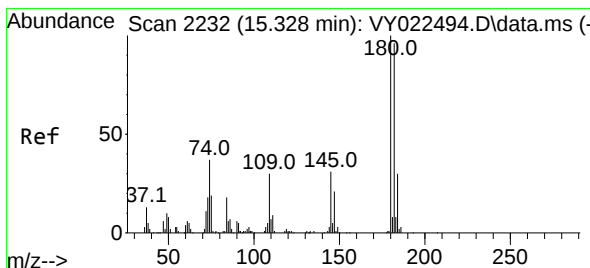
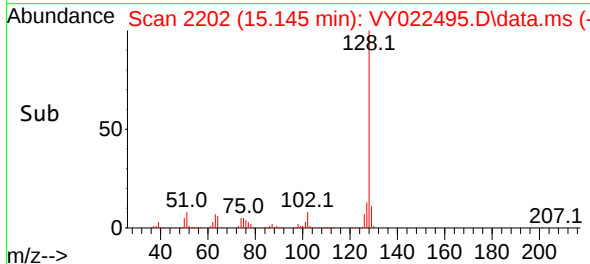
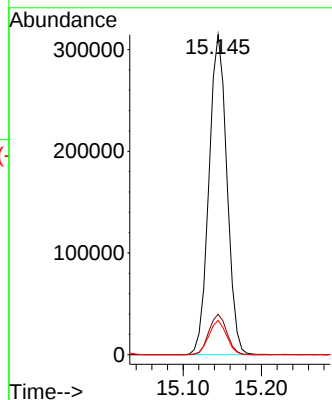
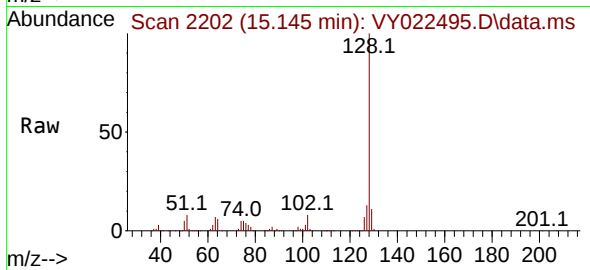
Tgt Ion:128 Resp: 499554

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 10.6 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 104.136 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022495.D

Acq: 02 Jun 2025 13:17

Tgt Ion:180 Resp: 213300

Ion Ratio Lower Upper

180 100

182 95.3 47.1 141.3

145 31.7 15.2 45.6

