

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021660.D
 Acq On : 27 Mar 2025 11:39
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 28 02:17:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	248041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	380682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	339201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	168901	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	252968	94.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 188.260%#	
35) Dibromofluoromethane	7.634	113	247380	100.177	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 200.360%#	
50) Toluene-d8	10.103	98	953346	101.480	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 202.960%#	
62) 4-Bromofluorobenzene	12.408	95	322469	101.481	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 202.960%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	240555	93.569	ug/l	100
3) Chloromethane	2.068	50	333313	92.202	ug/l	100
4) Vinyl Chloride	2.202	62	375853	91.934	ug/l	100
5) Bromomethane	2.586	94	245057	87.885	ug/l	97
6) Chloroethane	2.733	64	242934	90.810	ug/l	97
7) Trichlorofluoromethane	3.056	101	479554	91.568	ug/l	97
8) Diethyl Ether	3.452	74	127148	89.276	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	252877	91.550	ug/l	100
10) Methyl Iodide	4.001	142	313241	103.371	ug/l	99
11) Tert butyl alcohol	4.854	59	72464	415.131	ug/l	97
12) 1,1-Dichloroethene	3.787	96	245873	94.504	ug/l	98
13) Acrolein	3.647	56	145527	456.581	ug/l	99
14) Allyl chloride	4.379	41	403587	97.292	ug/l	99
15) Acrylonitrile	5.061	53	269979	454.005	ug/l	99
16) Acetone	3.867	43	215263	391.376	ug/l	98
17) Carbon Disulfide	4.104	76	805100	93.952	ug/l	98
18) Methyl Acetate	4.379	43	120373	88.304	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	622864	96.160	ug/l	100
20) Methylene Chloride	4.616	84	257053	99.325	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	273524	95.485	ug/l	98
22) Diisopropyl ether	6.019	45	855783	98.345	ug/l	97
23) Vinyl Acetate	5.958	43	2490861	489.304	ug/l	99
24) 1,1-Dichloroethane	5.915	63	492205	94.595	ug/l	99
25) 2-Butanone	6.890	43	348017	442.999	ug/l	99
26) 2,2-Dichloropropane	6.884	77	439519	94.960	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	312849	97.115	ug/l	100
28) Bromochloromethane	7.244	49	208162	94.860	ug/l	99
29) Tetrahydrofuran	7.262	42	231439	457.752	ug/l	98
30) Chloroform	7.421	83	509194	94.087	ug/l	98
31) Cyclohexane	7.701	56	439720	92.706	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	460680	94.182	ug/l	99
36) 1,1-Dichloropropene	7.835	75	368741	98.035	ug/l	99
37) Ethyl Acetate	6.982	43	160700	90.529	ug/l	100
38) Carbon Tetrachloride	7.817	117	416779	96.746	ug/l	99
39) Methylcyclohexane	9.110	83	465789	103.663	ug/l	98
40) Benzene	8.079	78	1100425	97.692	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	86888	92.176	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	298349	93.952	ug/l	100
43) Isopropyl Acetate	8.195	43	320092	95.153	ug/l	99
44) Trichloroethene	8.866	130	278937	97.190	ug/l	99
45) 1,2-Dichloropropane	9.140	63	259066	97.163	ug/l	99
46) Dibromomethane	9.231	93	145186	94.482	ug/l	97
47) Bromodichloromethane	9.420	83	386864	97.159	ug/l	99
48) Methyl methacrylate	9.219	41	157046	101.718	ug/l	98
49) 1,4-Dioxane	9.225	88	31647	1922.485	ug/l	92
51) 4-Methyl-2-Pentanone	10.000	43	846126	483.331	ug/l	100
52) Toluene	10.170	92	706197	100.486	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	361283	102.153	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	418099	100.208	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	187977	95.058	ug/l	97
56) Ethyl methacrylate	10.439	69	271036	107.339	ug/l	98
57) 1,3-Dichloropropane	10.719	76	329063	96.352	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	657953	534.142	ug/l	100
59) 2-Hexanone	10.762	43	565086	484.686	ug/l	99
60) Dibromochloromethane	10.908	129	265151	98.207	ug/l	100
61) 1,2-Dibromoethane	11.012	107	177158	95.501	ug/l	98
64) Tetrachloroethene	10.646	164	279279	90.401	ug/l	98
65) Chlorobenzene	11.438	112	757197	97.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	271119	98.275	ug/l	100
67) Ethyl Benzene	11.518	91	1372249	102.918	ug/l	100
68) m/p-Xylenes	11.627	106	1050156	205.681	ug/l	99
69) o-Xylene	11.957	106	491895	104.369	ug/l	98
70) Styrene	11.969	104	833734	106.098	ug/l	99
71) Bromoform	12.133	173	152683	97.024	ug/l	100
73) Isopropylbenzene	12.255	105	1298221	103.486	ug/l	100
74) N-amyl acetate	12.072	43	303328	103.027	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	209094	92.706	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	285947	170.792	ug/l #	100
77) Bromobenzene	12.530	156	299163	99.323	ug/l	98
78) n-propylbenzene	12.597	91	1557825	103.290	ug/l	100
79) 2-Chlorotoluene	12.676	91	879334	100.382	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1060963	103.480	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	71448	98.330	ug/l	99
82) 4-Chlorotoluene	12.780	91	910295	99.676	ug/l	99
83) tert-Butylbenzene	12.999	119	956705	104.762	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1052663	103.880	ug/l	100
85) sec-Butylbenzene	13.176	105	1369601	102.624	ug/l	100
86) p-Isopropyltoluene	13.292	119	1163796	105.509	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	583838	98.384	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	565293	96.416	ug/l	99
89) n-Butylbenzene	13.615	91	1069356	104.828	ug/l	100
90) Hexachloroethane	13.877	117	239487	99.078	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	502045	97.186	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	32558	93.136	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	293988	104.943	ug/l	99
94) Hexachlorobutadiene	15.023	225	172909	98.829	ug/l	99
95) Naphthalene	15.145	128	508449	109.498	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	248821	104.158	ug/l	99

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QLast Update : Fri Mar 28 02:08:57 2025
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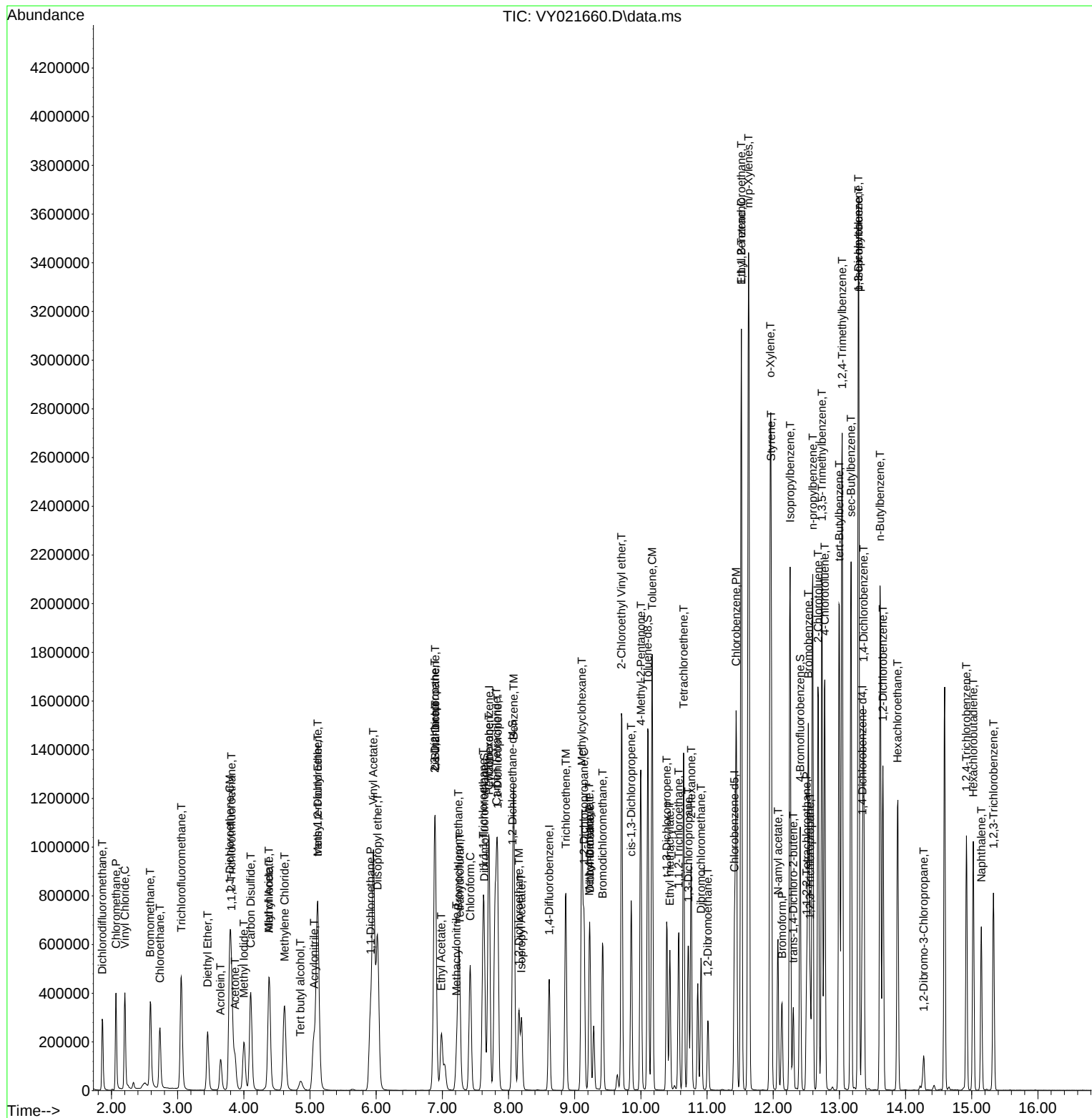
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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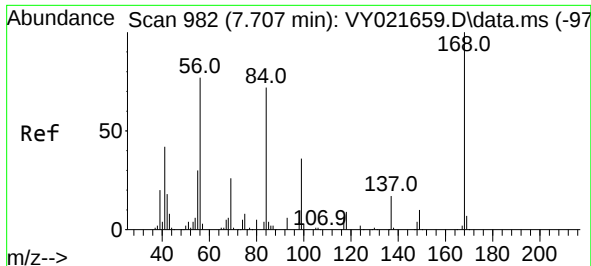
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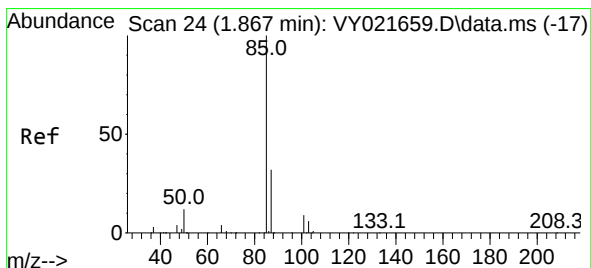
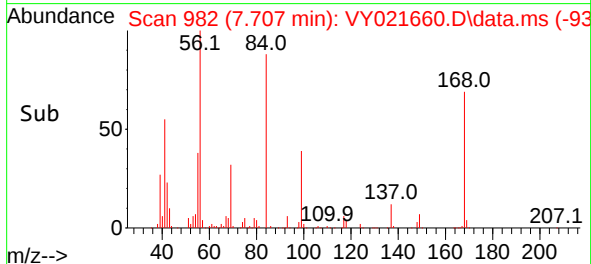
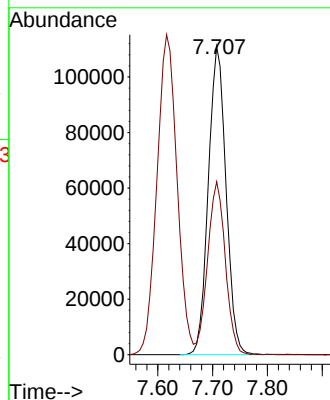
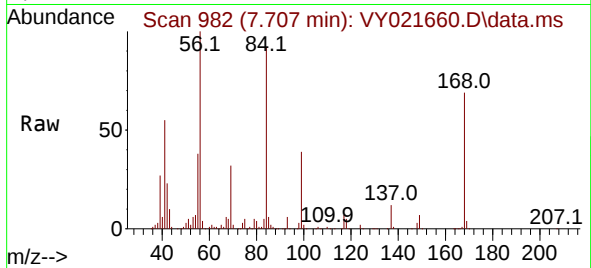




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. 0.000 min
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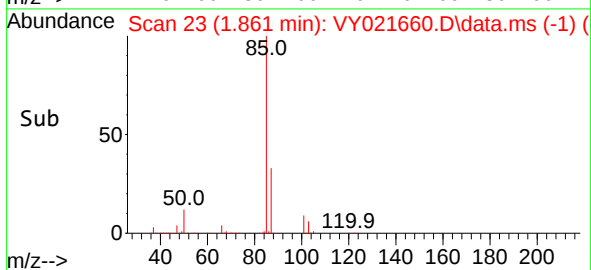
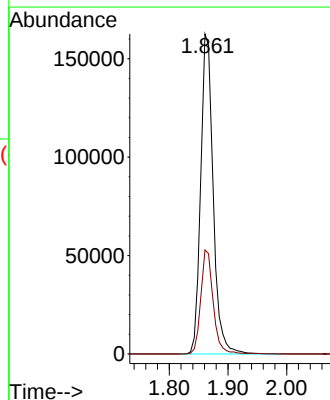
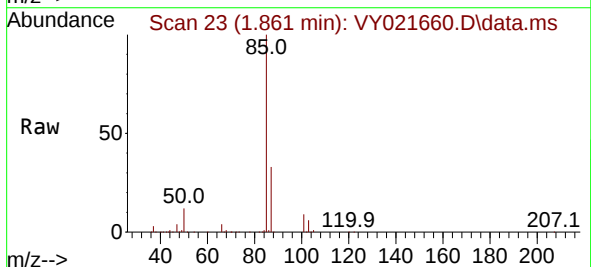
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

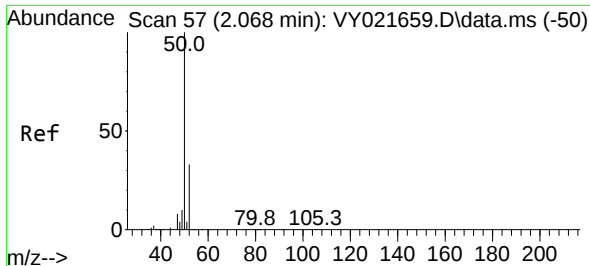
Tgt Ion:168 Resp: 248041
Ion Ratio Lower Upper
168 100
99 56.0 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 93.569 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 85 Resp: 240555
Ion Ratio Lower Upper
85 100
87 32.5 16.2 48.6

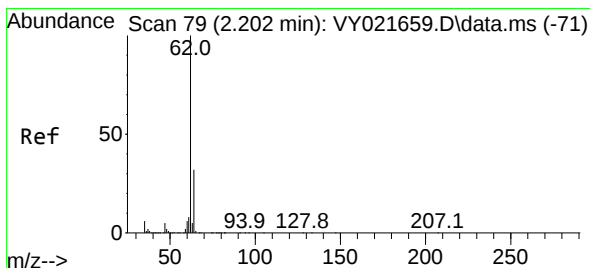
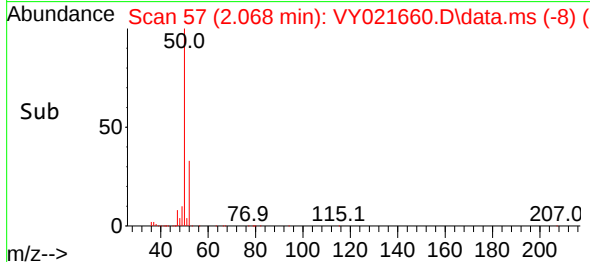
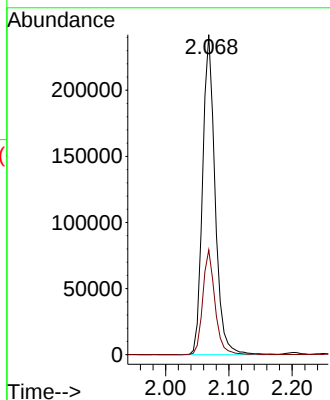
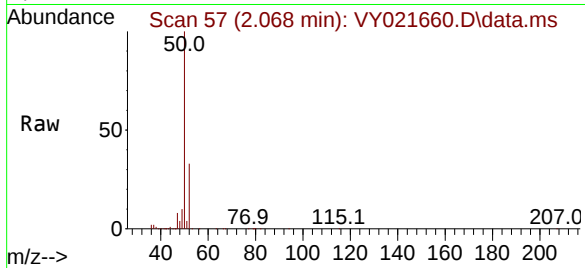




#3
Chloromethane
Concen: 92.202 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

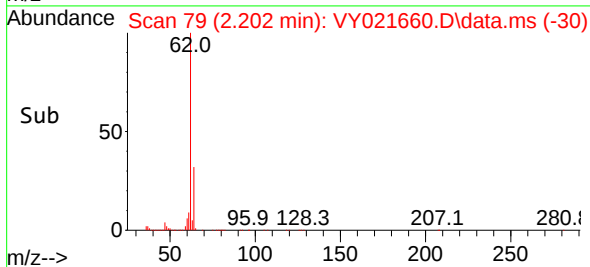
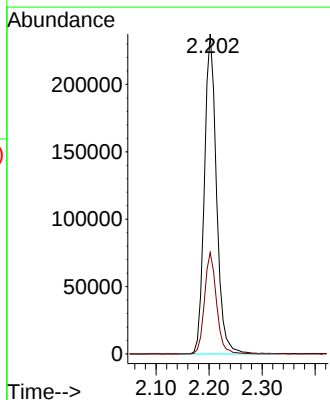
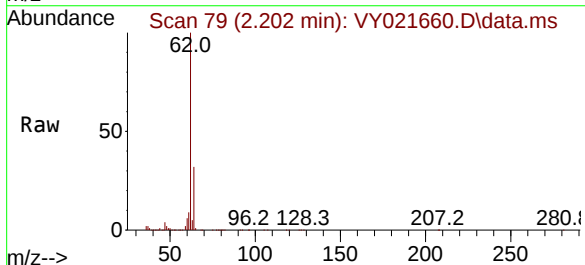
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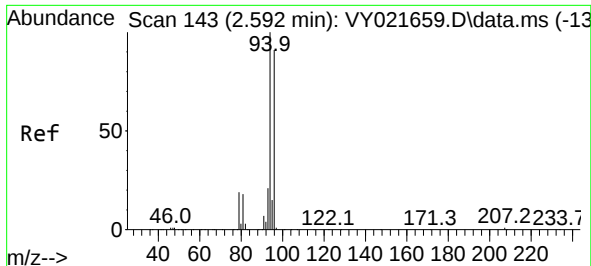
Tgt Ion: 50 Resp: 333313
Ion Ratio Lower Upper
50 100
52 32.7 26.3 39.5



#4
Vinyl Chloride
Concen: 91.934 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 62 Resp: 375853
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3

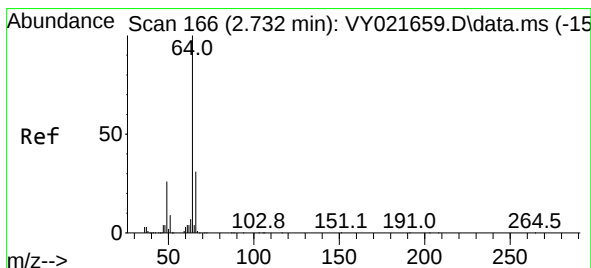
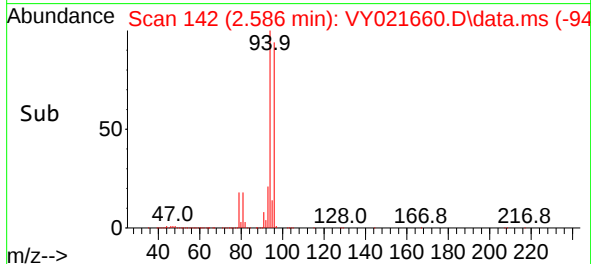
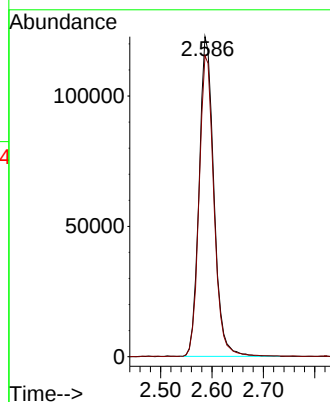
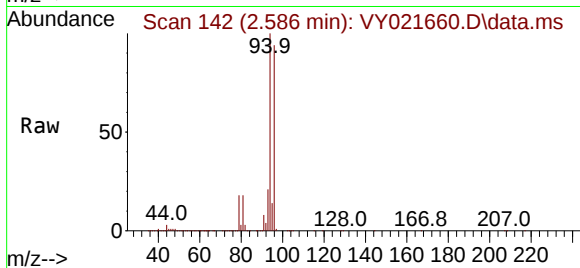




#5
Bromomethane
Concen: 87.885 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021660.D
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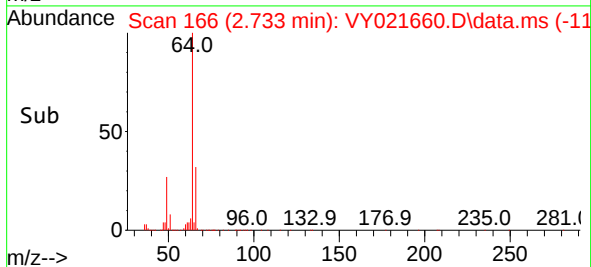
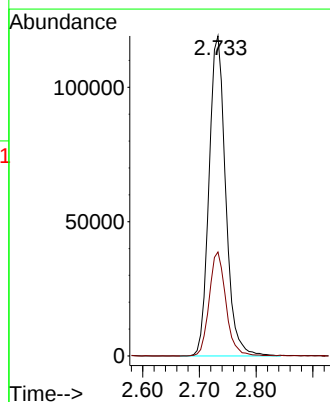
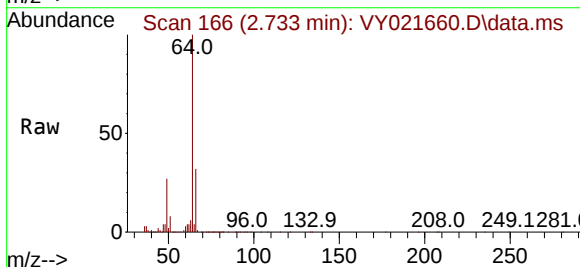
Instrument :
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Tgt Ion: 94 Resp: 245057
Ion Ratio Lower Upper
94 100
96 94.0 72.8 109.2



#6
Chloroethane
Concen: 90.810 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021660.D
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Tgt Ion: 64 Resp: 242934
Ion Ratio Lower Upper
64 100
66 32.5 24.9 37.3

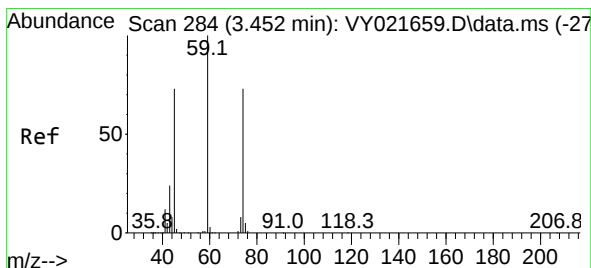
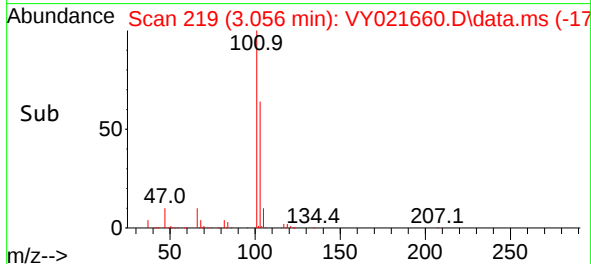
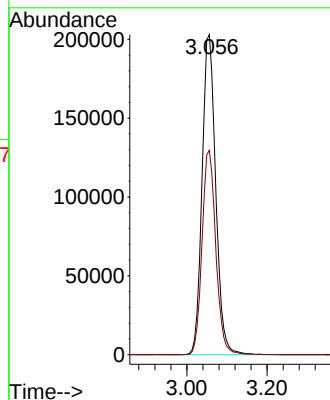
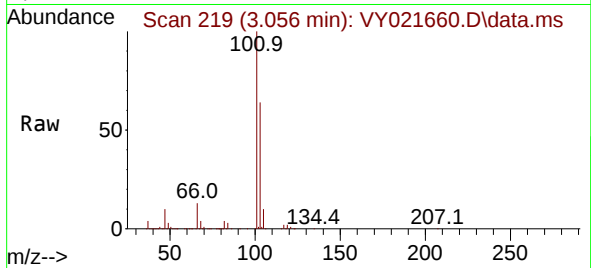




#7
Trichlorofluoromethane
Concen: 91.568 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

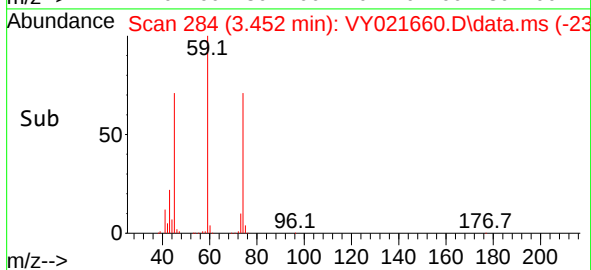
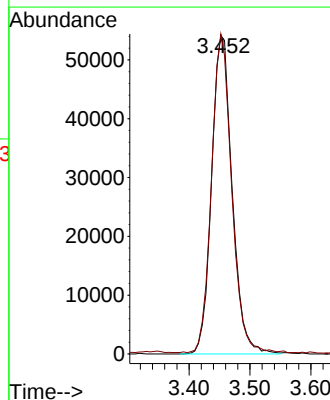
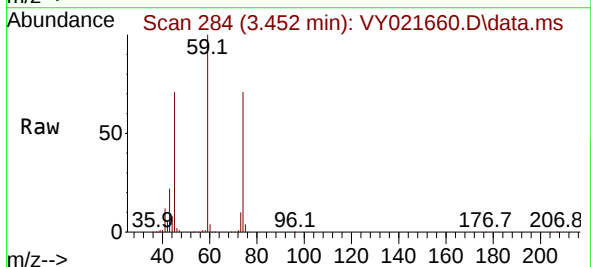
Instrument :
MSVOA_Y
ClientSampleId :
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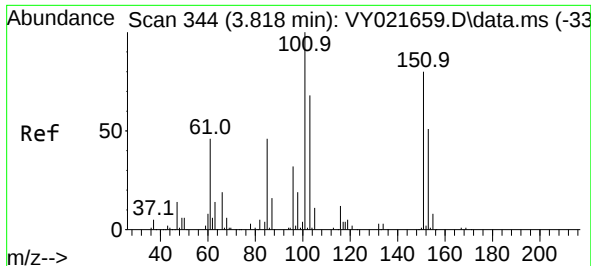
Tgt Ion:101 Resp: 479554
Ion Ratio Lower Upper
101 100
103 63.9 53.1 79.7



#8
Diethyl Ether
Concen: 89.276 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 74 Resp: 127148
Ion Ratio Lower Upper
74 100
45 97.6 48.6 145.8

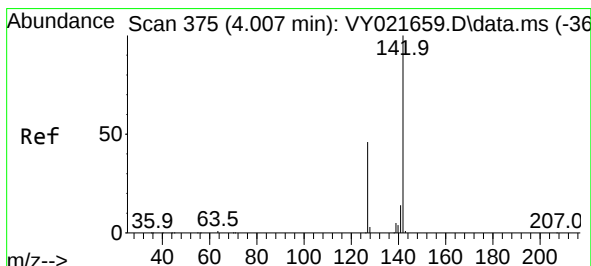
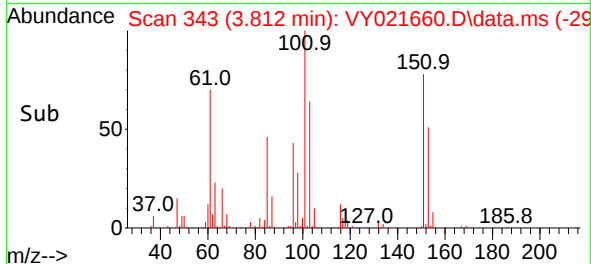
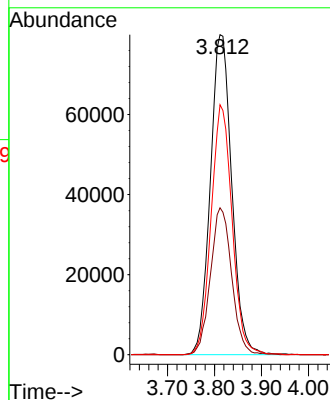
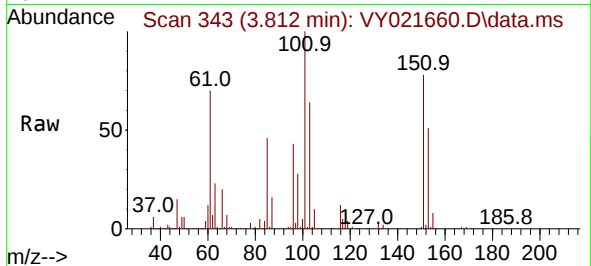




#9
1,1,2-Trichlorotrifluoroethane
Concen: 91.550 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

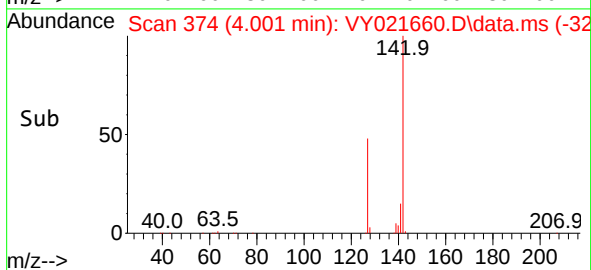
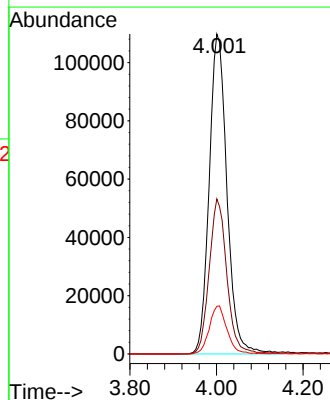
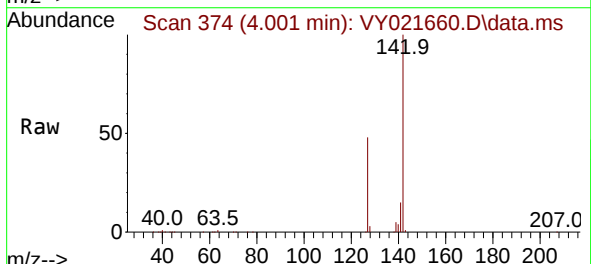
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

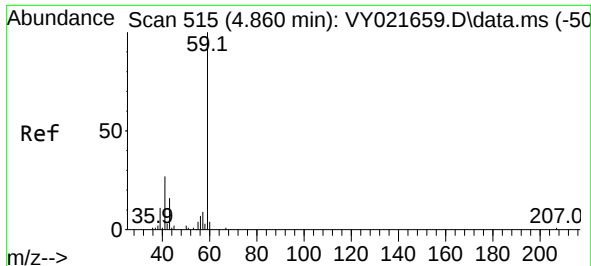
Tgt Ion:101 Resp: 252877
Ion Ratio Lower Upper
101 100
85 45.6 36.3 54.5
151 76.7 61.3 91.9



#10
Methyl Iodide
Concen: 103.371 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion:142 Resp: 313241
Ion Ratio Lower Upper
142 100
127 48.2 38.7 58.1
141 15.0 11.5 17.3

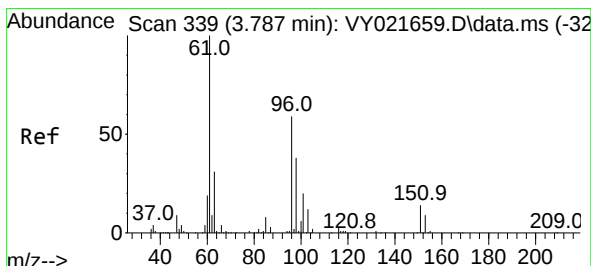
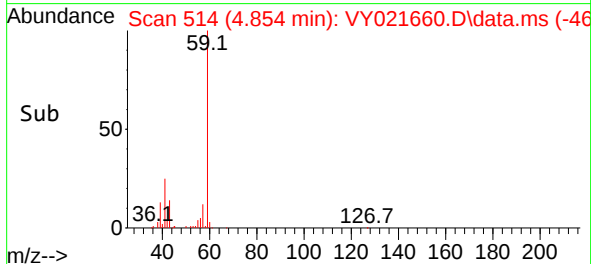
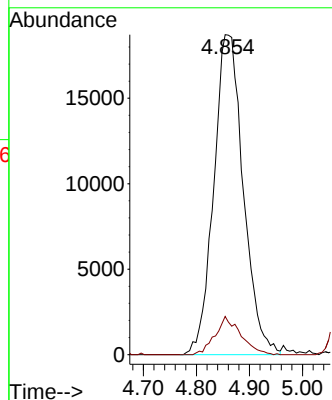
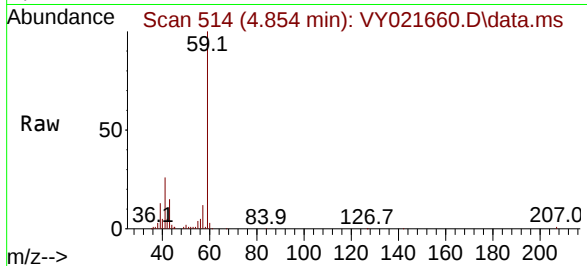




#11
Tert butyl alcohol
Concen: 415.131 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

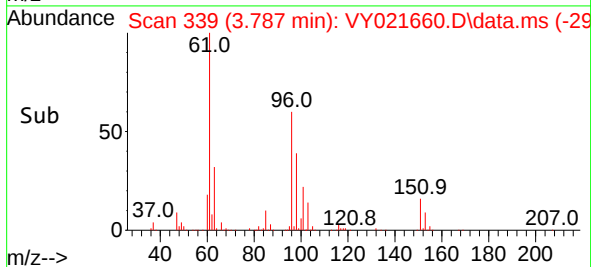
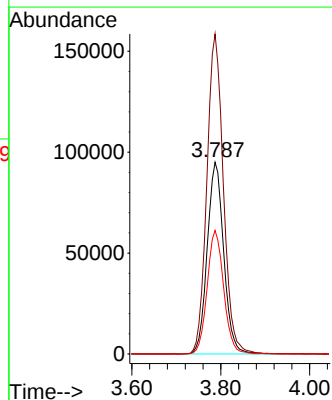
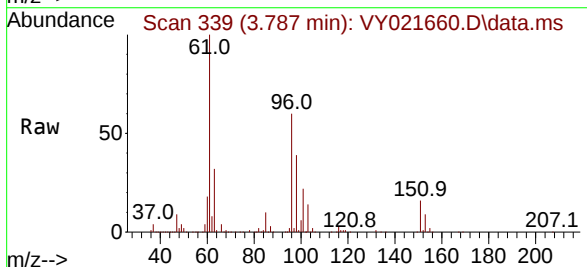
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

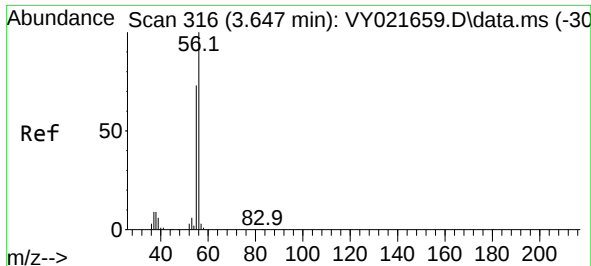
Tgt Ion: 59 Resp: 72464
Ion Ratio Lower Upper
59 100
57 10.4 9.2 13.8



#12
1,1-Dichloroethene
Concen: 94.504 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 96 Resp: 245873
Ion Ratio Lower Upper
96 100
61 166.9 136.6 204.8
98 64.4 52.3 78.5

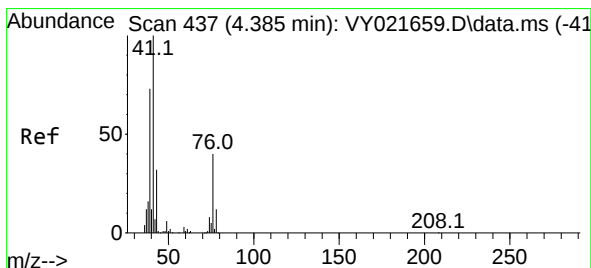
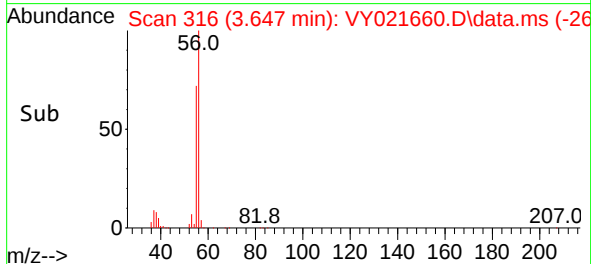
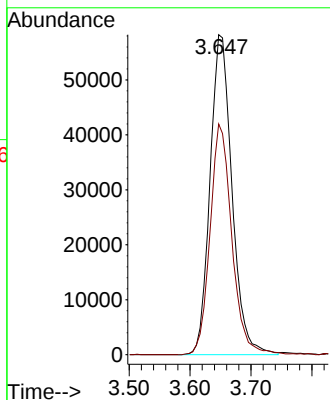
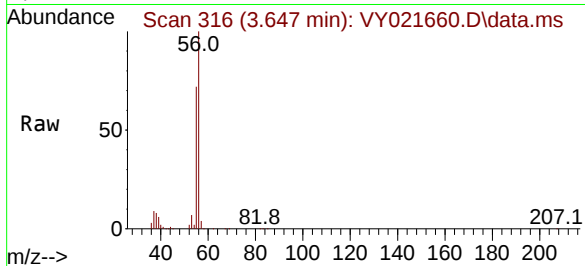




#13
Acrolein
Concen: 456.581 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

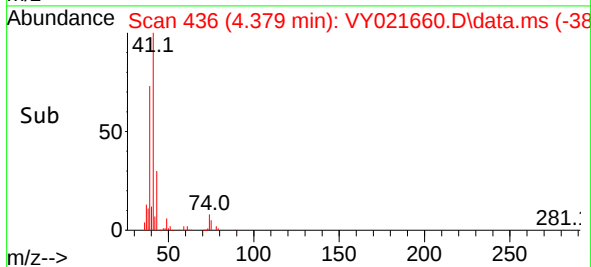
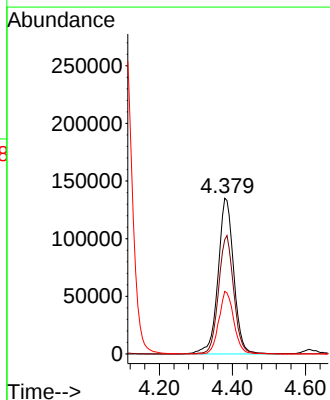
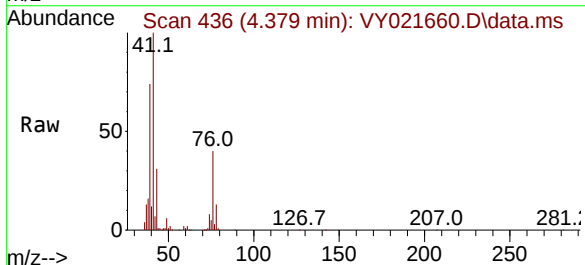
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

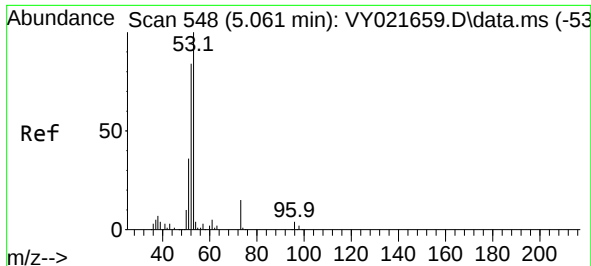
Tgt Ion: 56 Resp: 145527
Ion Ratio Lower Upper
56 100
55 71.5 56.6 85.0



#14
Allyl chloride
Concen: 97.292 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 41 Resp: 403587
Ion Ratio Lower Upper
41 100
39 74.0 58.6 88.0
76 38.3 30.3 45.5

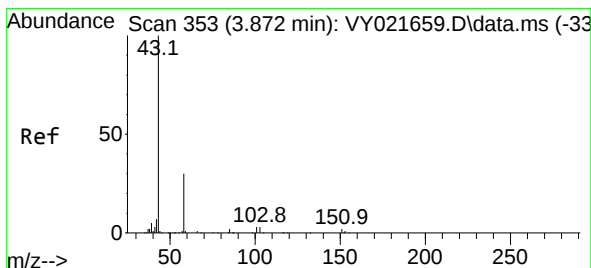
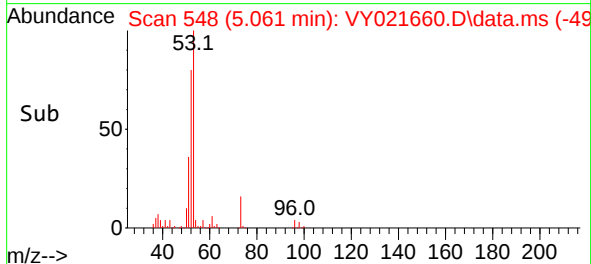
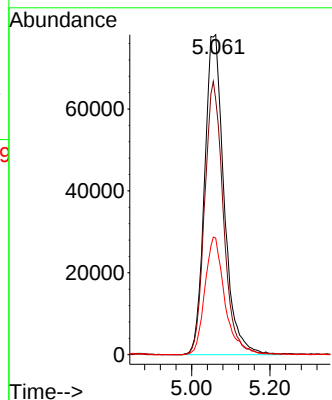
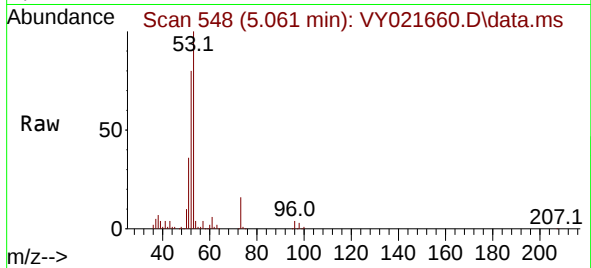




#15
Acrylonitrile
Concen: 454.005 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

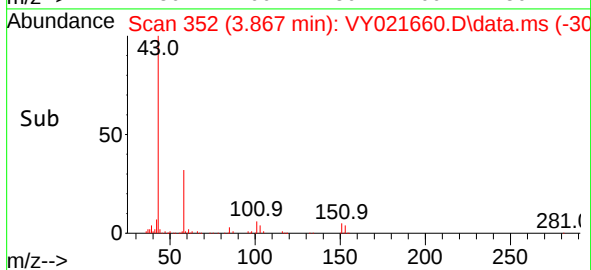
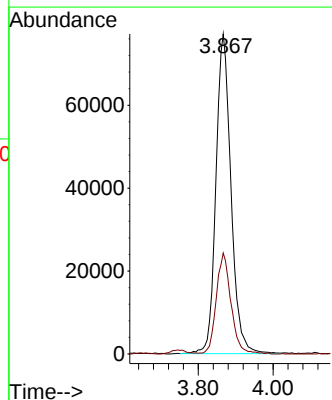
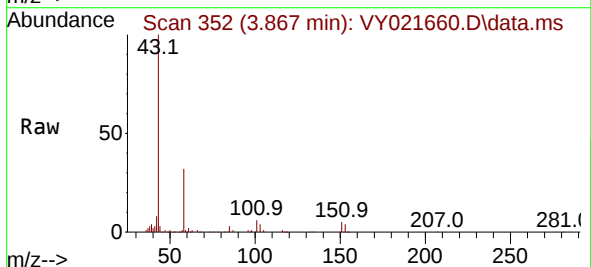
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

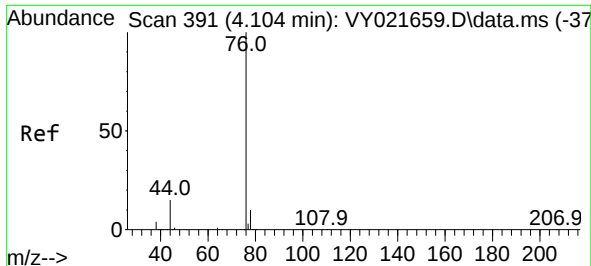
Tgt Ion: 53 Resp: 269979
Ion Ratio Lower Upper
53 100
52 81.8 64.9 97.3
51 37.8 30.2 45.2



#16
Acetone
Concen: 391.376 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 43 Resp: 215263
Ion Ratio Lower Upper
43 100
58 31.6 24.2 36.4

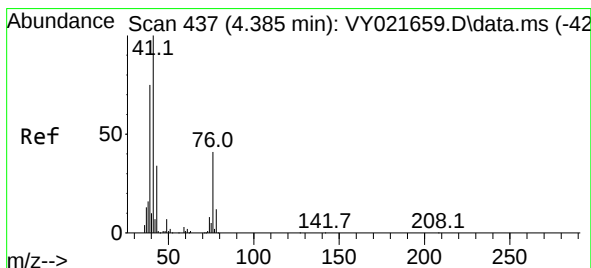
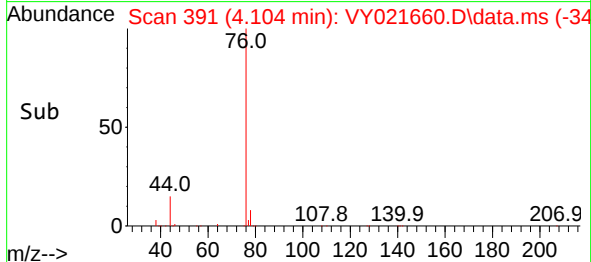
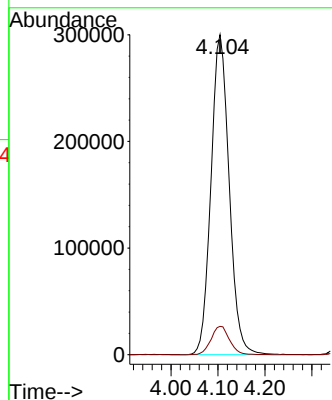
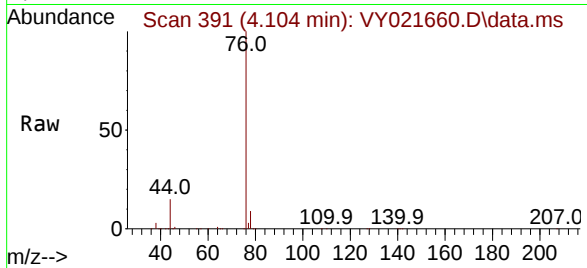




#17
Carbon Disulfide
Concen: 93.952 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

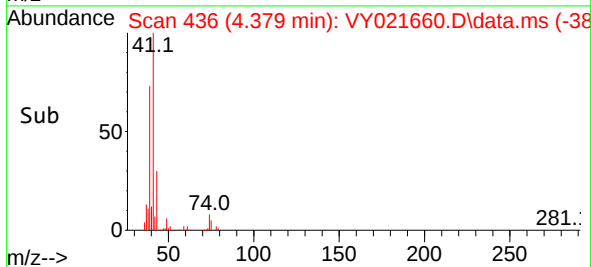
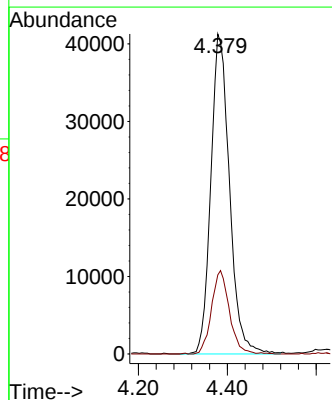
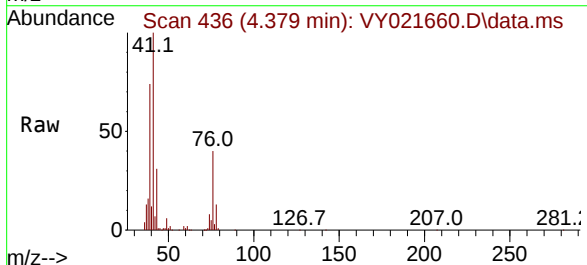
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 805100
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 88.304 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 43 Resp: 120373
Ion Ratio Lower Upper
43 100
74 24.9 19.1 28.7

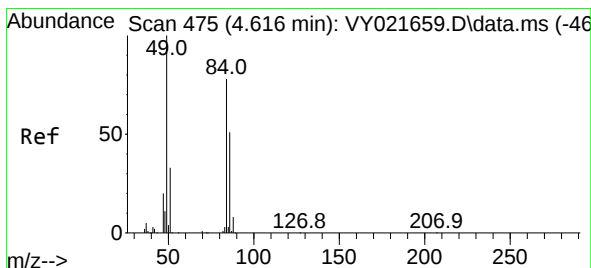
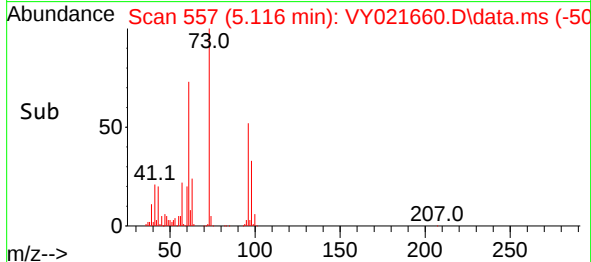
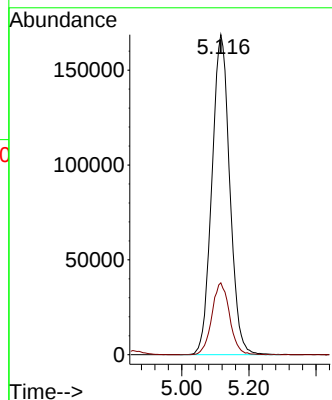
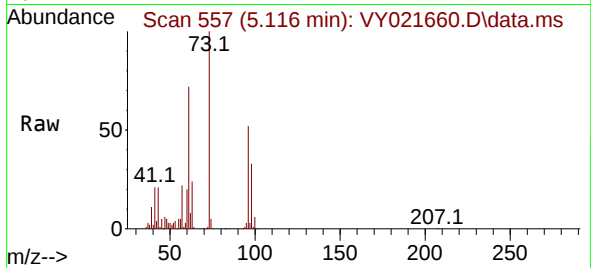




#19
Methyl tert-butyl Ether
Concen: 96.160 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

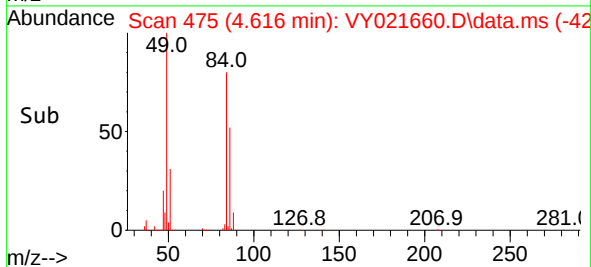
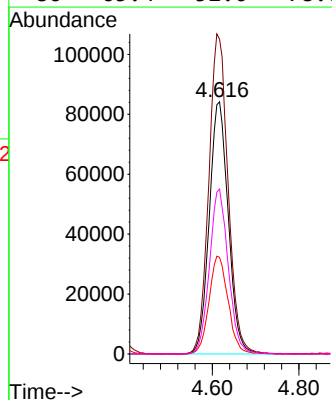
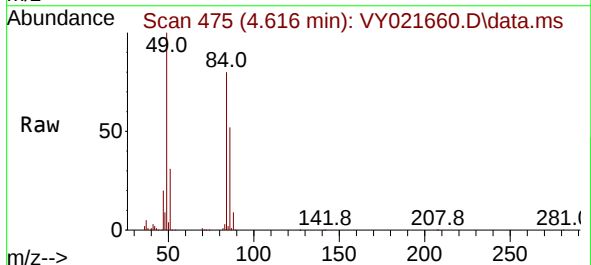
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 622864
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1



#20
Methylene Chloride
Concen: 99.325 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 84 Resp: 257053
Ion Ratio Lower Upper
84 100
49 124.8 102.8 154.2
51 38.3 33.5 50.3
86 65.4 52.0 78.0

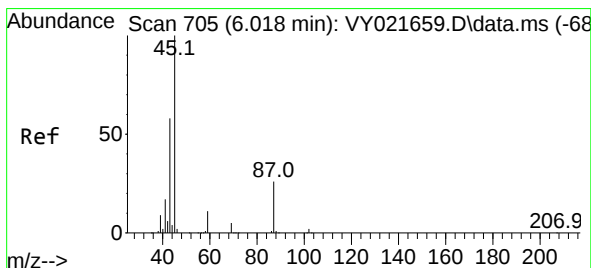
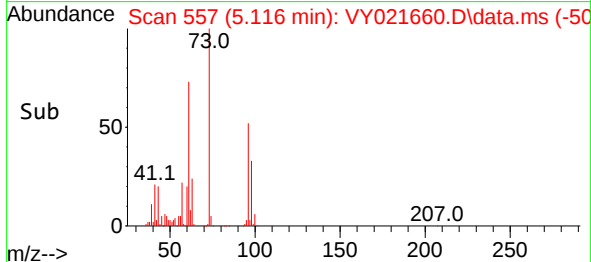
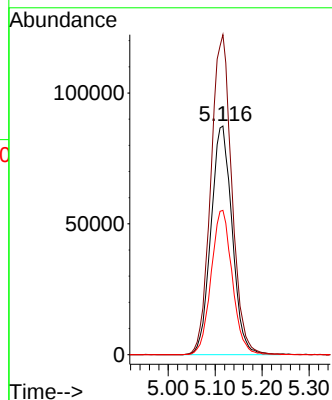
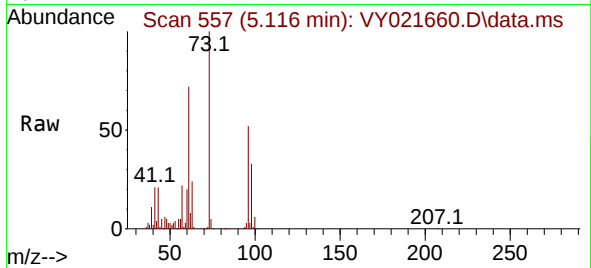




#21
trans-1,2-Dichloroethene
Concen: 95.485 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

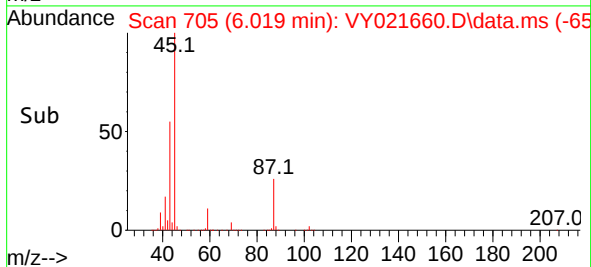
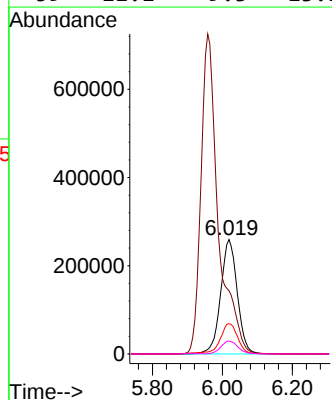
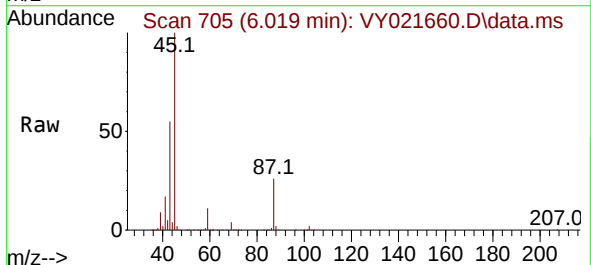
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

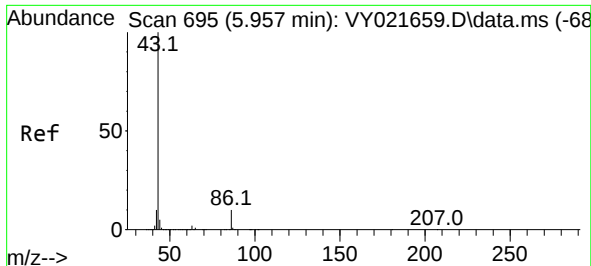
Tgt Ion: 96 Resp: 273524
Ion Ratio Lower Upper
96 100
61 140.0 109.4 164.0
98 63.1 50.2 75.2



#22
Diisopropyl ether
Concen: 98.345 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 45 Resp: 855783
Ion Ratio Lower Upper
45 100
43 55.2 46.6 69.8
87 26.5 20.7 31.1
59 11.1 9.3 13.9

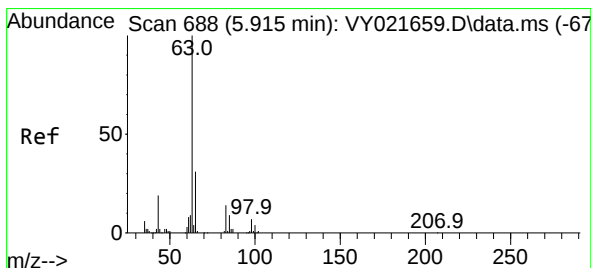
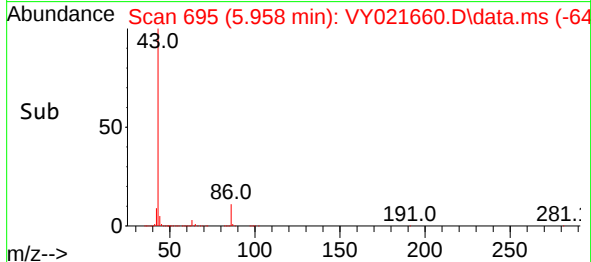
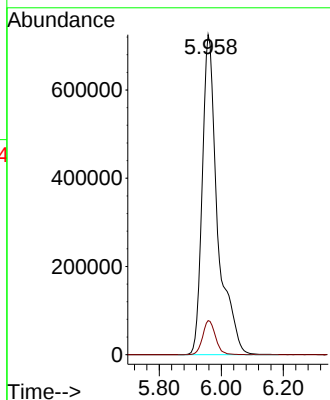
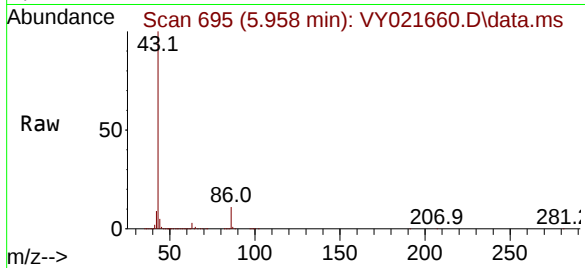




#23
 Vinyl Acetate
 Concen: 489.304 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021660.D
 Acq: 27 Mar 2025 11:39

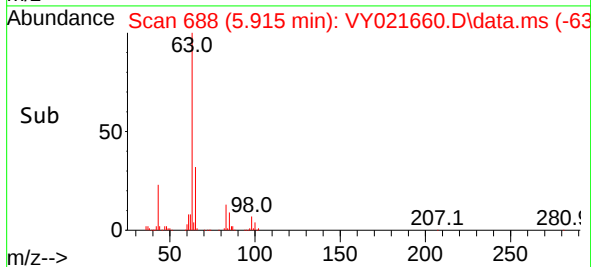
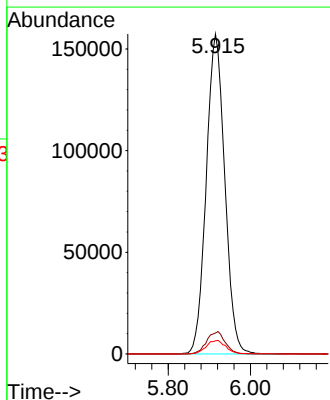
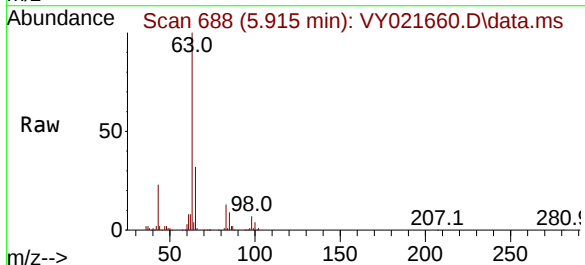
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

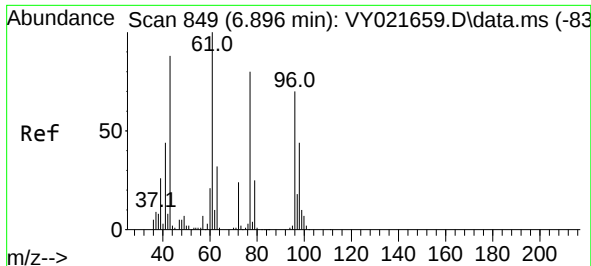
Tgt Ion: 43 Resp: 2490861
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 94.595 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021660.D
 Acq: 27 Mar 2025 11:39

Tgt Ion: 63 Resp: 492205
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 4.1 2.2 6.6

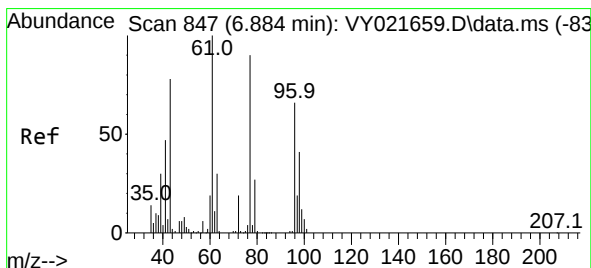
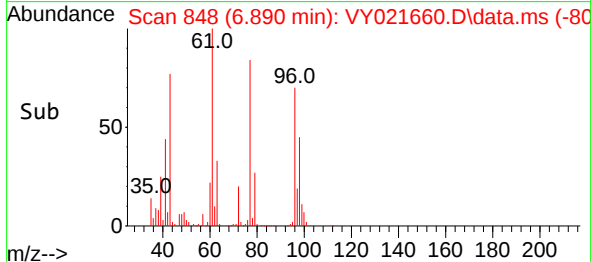
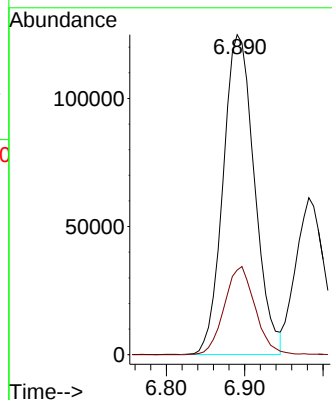
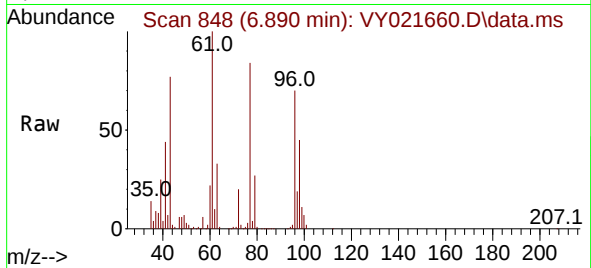




#25
2-Butanone
Concen: 442.999 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

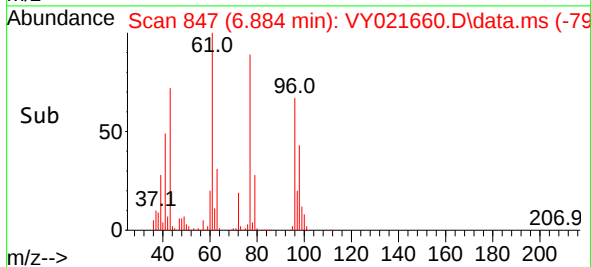
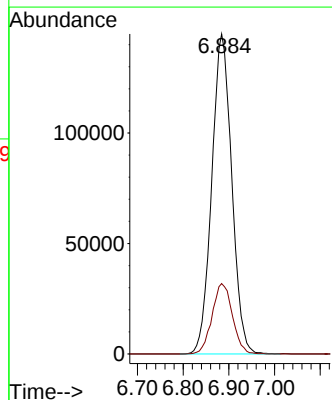
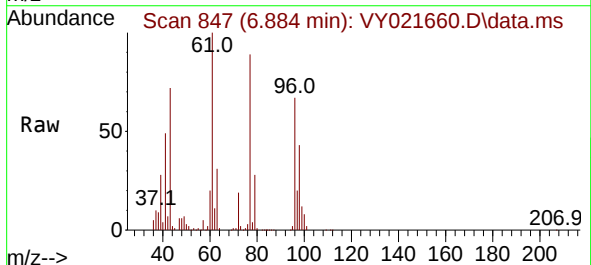
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

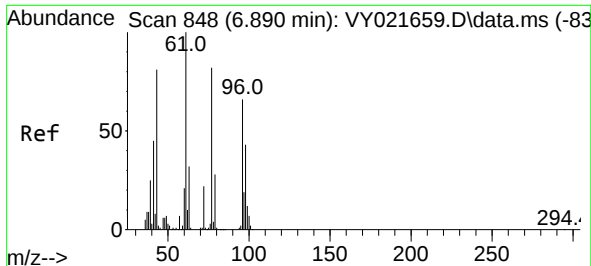
Tgt Ion: 43 Resp: 348017
Ion Ratio Lower Upper
43 100
72 26.5 21.4 32.2



#26
2,2-Dichloropropane
Concen: 94.960 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 77 Resp: 439519
Ion Ratio Lower Upper
77 100
97 22.4 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 97.115 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

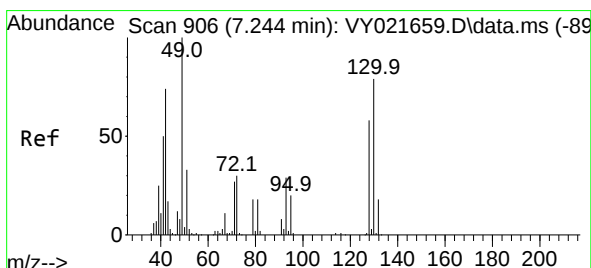
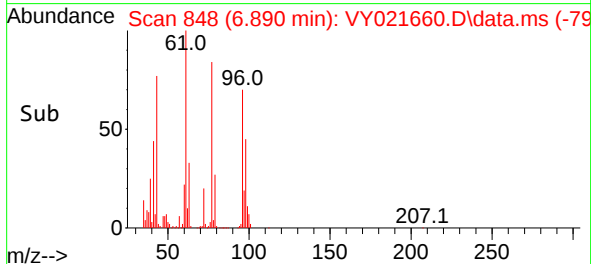
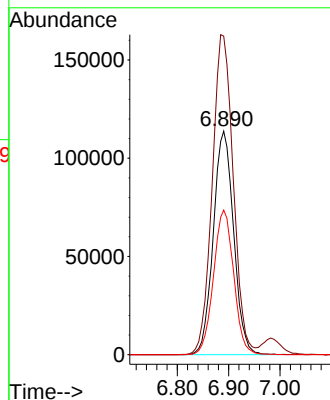
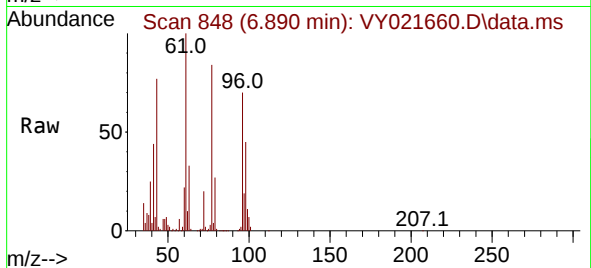
Tgt Ion: 96 Resp: 312849

Ion Ratio Lower Upper

96 100

61 147.7 0.0 296.4

98 64.2 0.0 128.0



#28

Bromochloromethane

Concen: 94.860 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

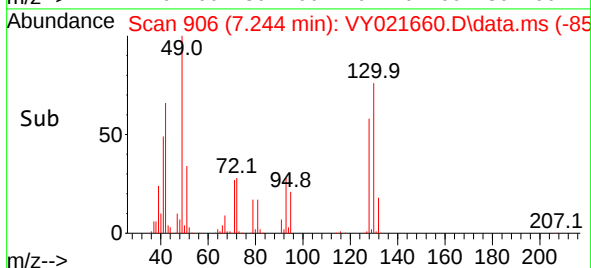
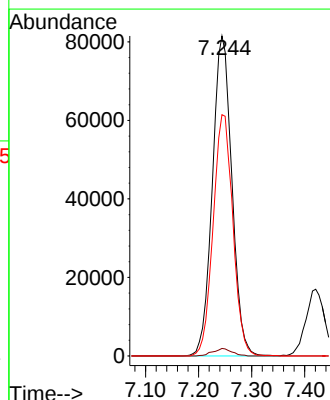
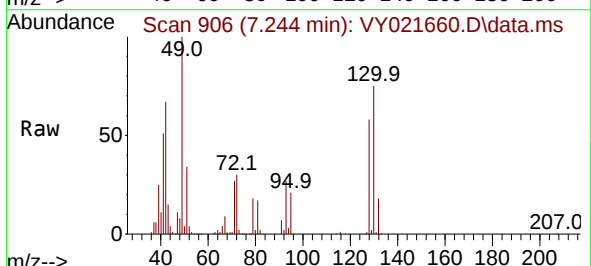
Tgt Ion: 49 Resp: 208162

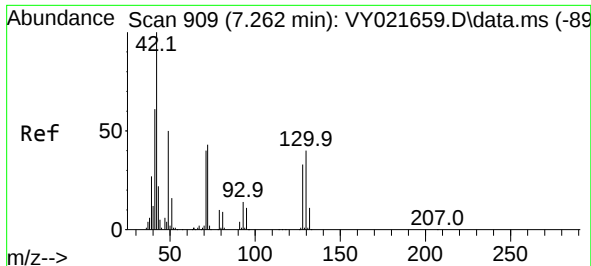
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 76.3 60.1 90.1





#29

Tetrahydrofuran

Concen: 457.752 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

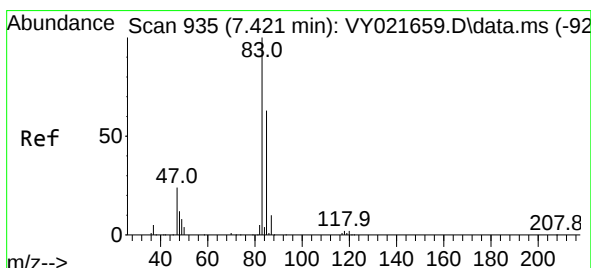
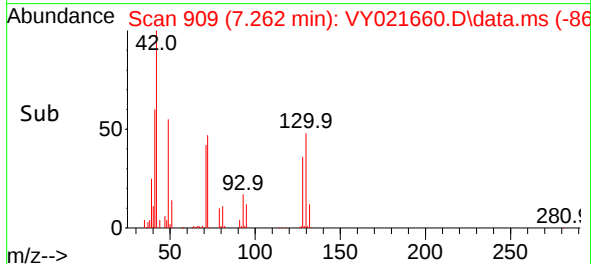
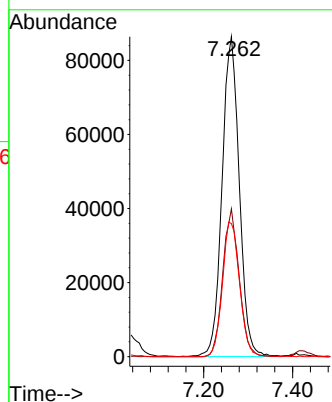
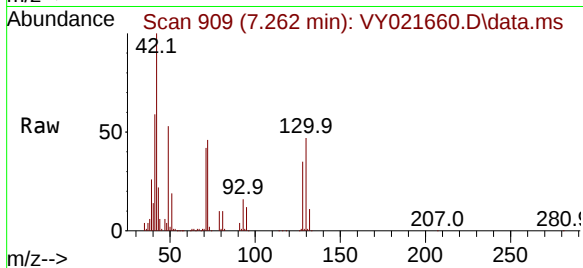
Tgt Ion: 42 Resp: 231439

Ion Ratio Lower Upper

42 100

72 44.0 34.6 52.0

71 42.0 32.5 48.7



#30

Chloroform

Concen: 94.087 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021660.D

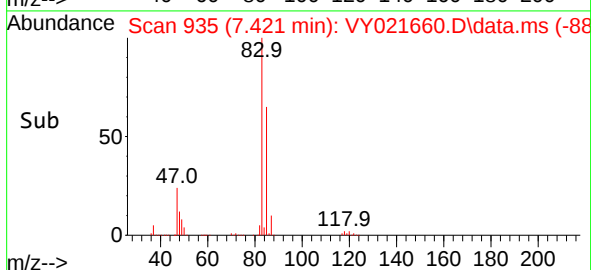
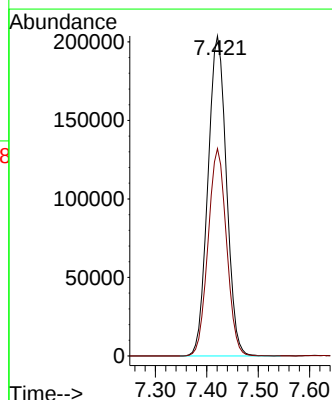
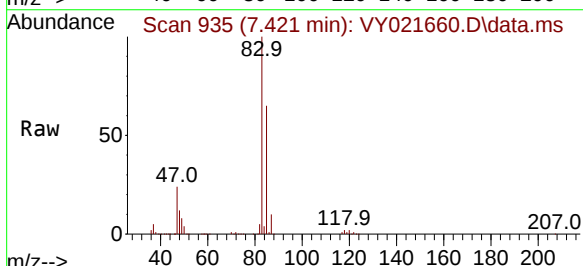
Acq: 27 Mar 2025 11:39

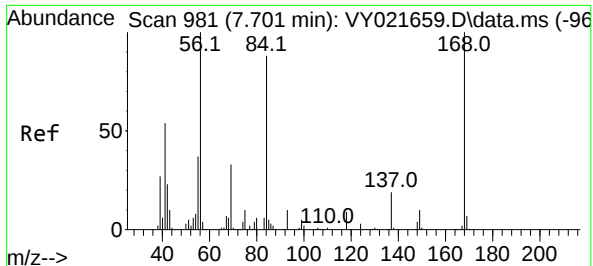
Tgt Ion: 83 Resp: 509194

Ion Ratio Lower Upper

83 100

85 64.8 50.6 75.8

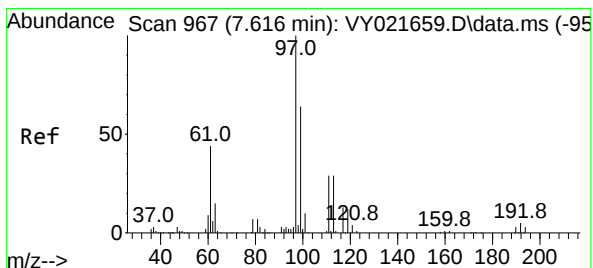
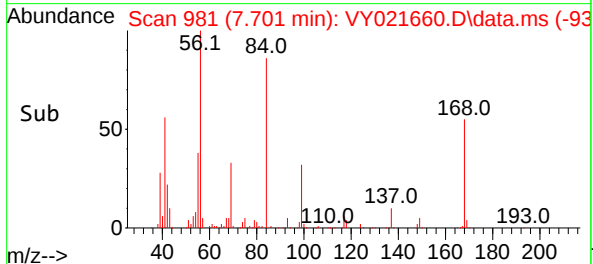
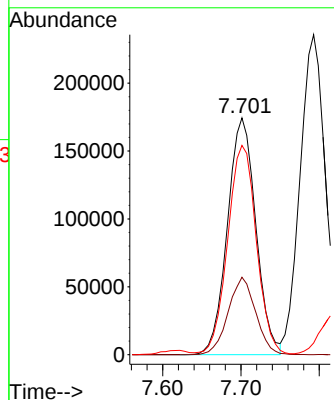
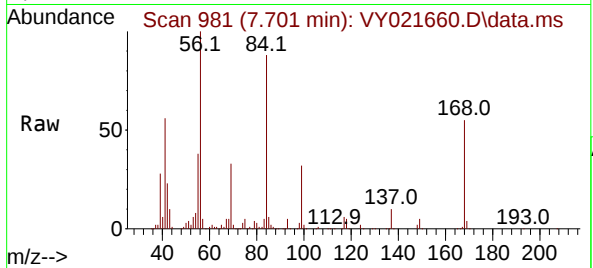




#31
Cyclohexane
Concen: 92.706 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

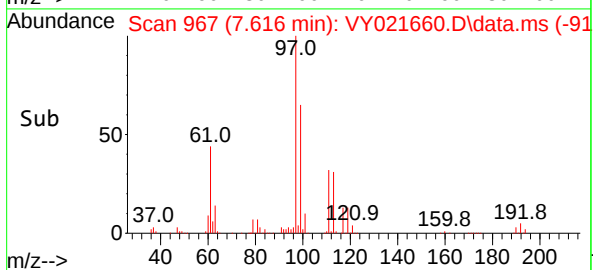
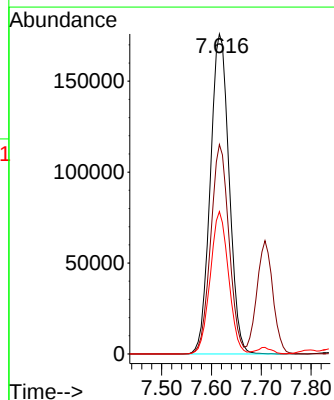
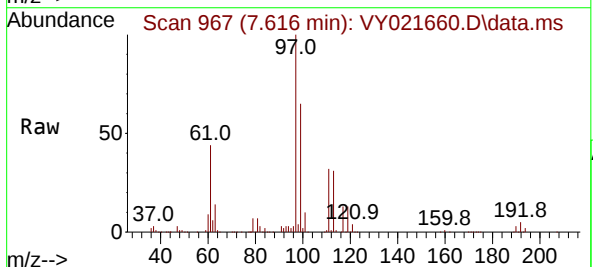
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

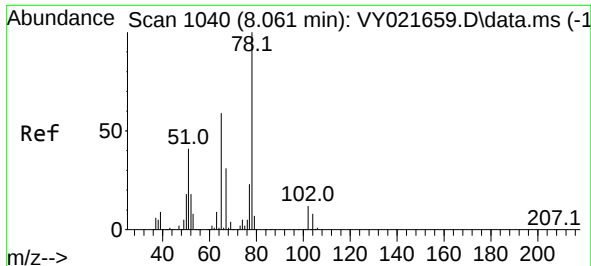
Tgt Ion: 56 Resp: 439720
Ion Ratio Lower Upper
56 100
69 32.7 26.6 40.0
84 86.5 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 94.182 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 97 Resp: 460680
Ion Ratio Lower Upper
97 100
99 63.8 50.7 76.1
61 43.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 94.129 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

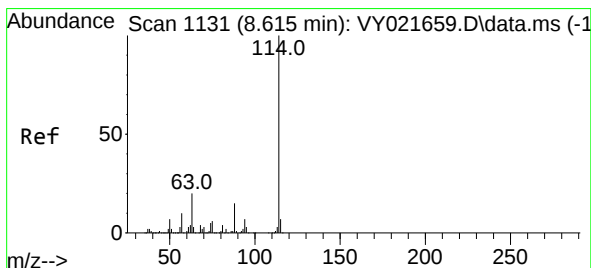
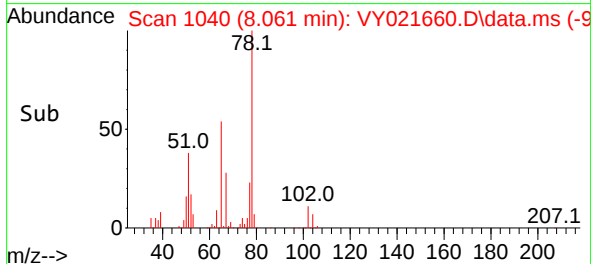
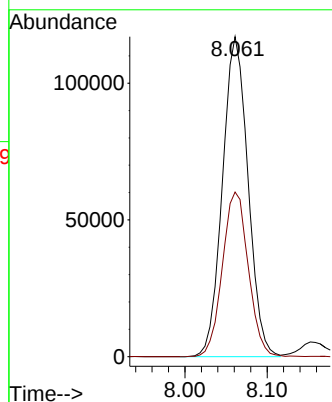
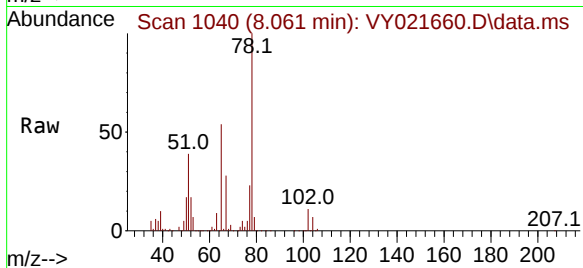
VSTDIC100

Tgt Ion: 65 Resp: 252968

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

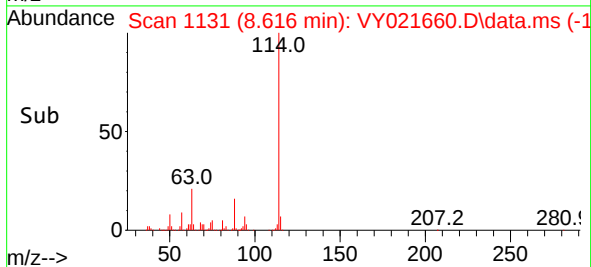
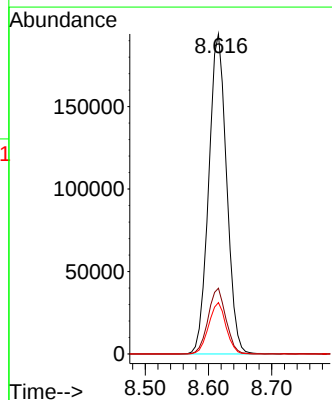
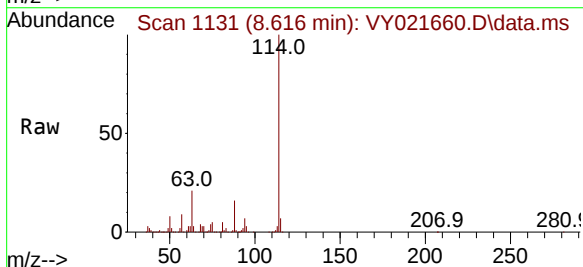
Tgt Ion: 114 Resp: 380682

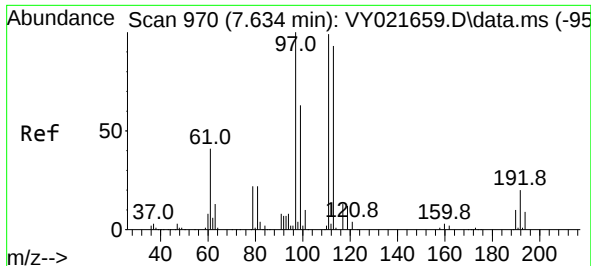
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 16.0 0.0 29.8

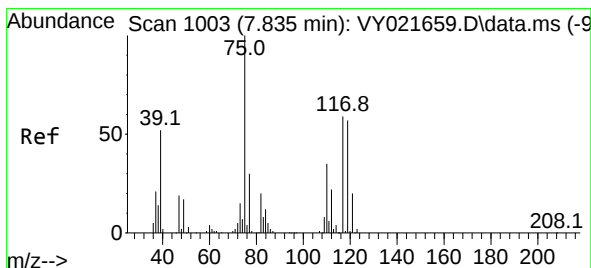
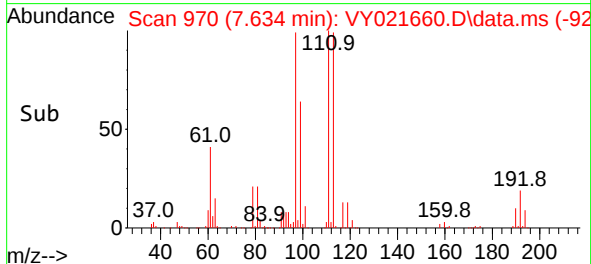
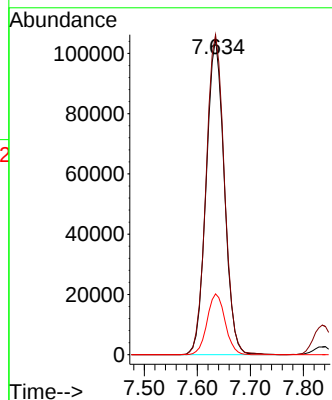
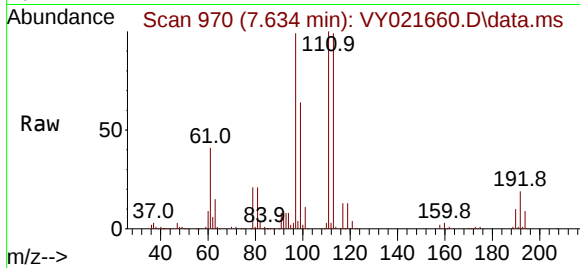




#35
 Dibromofluoromethane
 Concen: 100.177 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY021660.D
 Acq: 27 Mar 2025 11:39

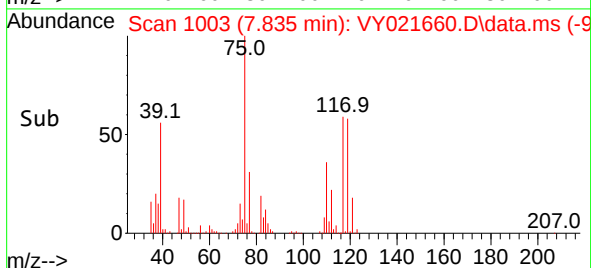
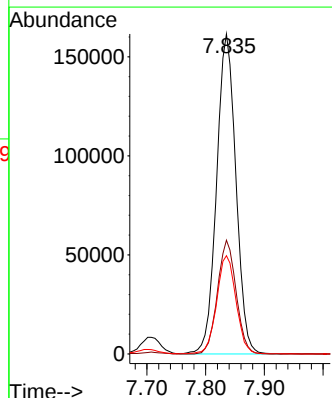
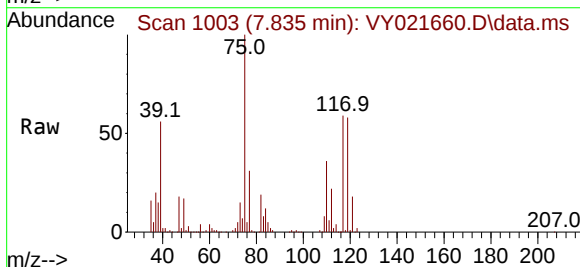
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

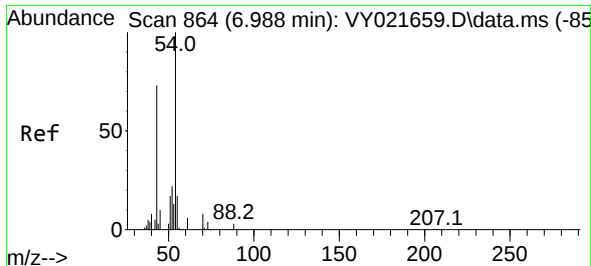
Tgt Ion:113 Resp: 247380
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.6 123.8
 192 19.2 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 98.035 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY021660.D
 Acq: 27 Mar 2025 11:39

Tgt Ion: 75 Resp: 368741
 Ion Ratio Lower Upper
 75 100
 110 34.4 17.0 50.9
 77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 90.529 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

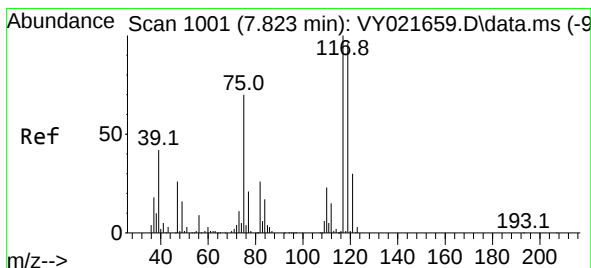
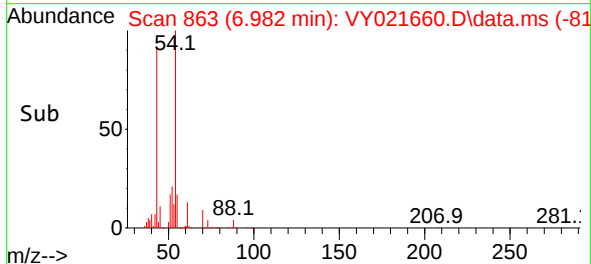
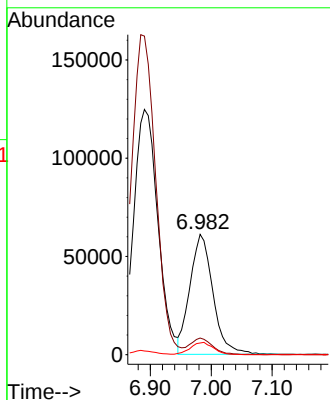
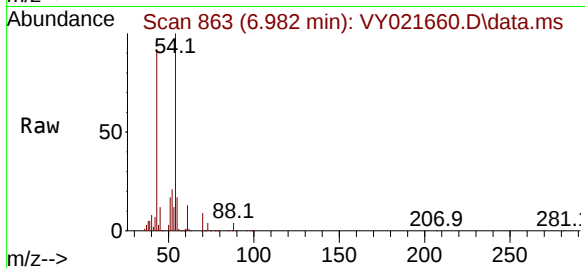
MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 160700

Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.6
70	10.2	8.1	12.1



#38

Carbon Tetrachloride

Concen: 96.746 ug/l

RT: 7.817 min Scan# 1000

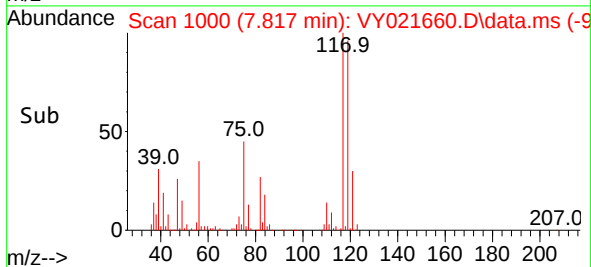
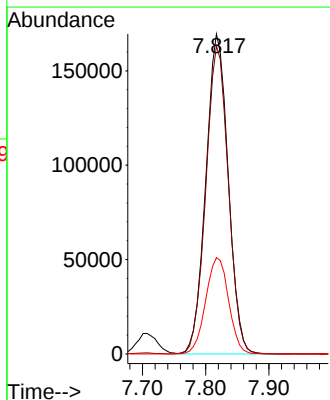
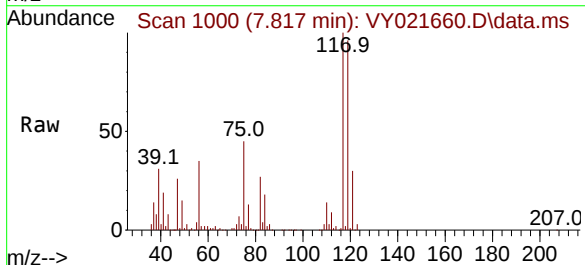
Delta R.T. -0.006 min

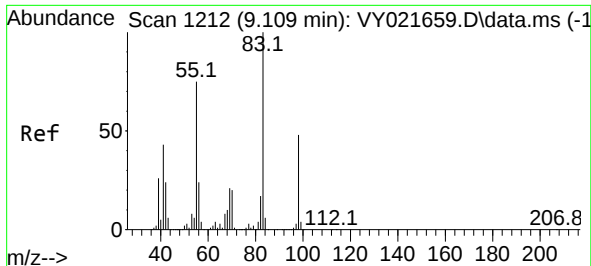
Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Tgt Ion: 117 Resp: 416779

Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.2	114.4
121	30.1	24.2	36.4





#39

Methylcyclohexane

Concen: 103.663 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

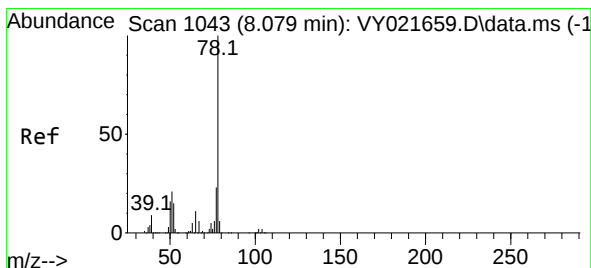
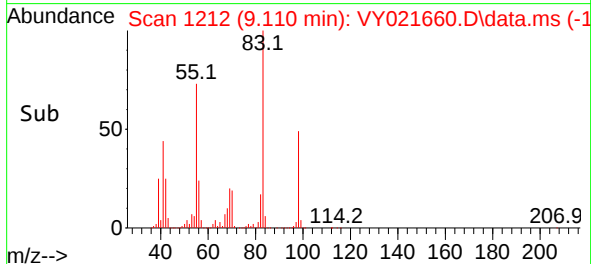
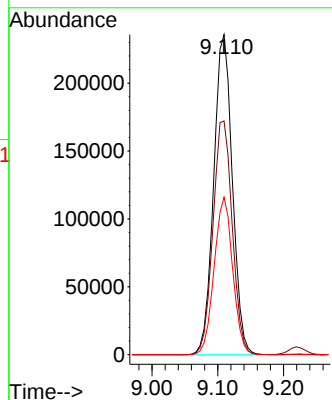
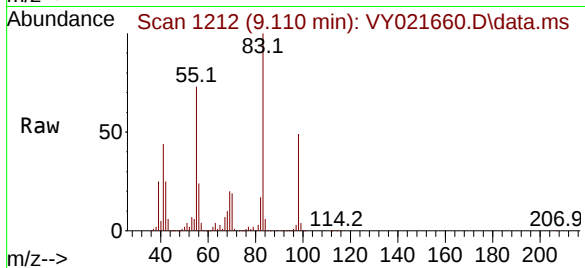
Tgt Ion: 83 Resp: 465789

Ion Ratio Lower Upper

83 100

55 73.0 59.7 89.5

98 49.2 38.3 57.5



#40

Benzene

Concen: 97.692 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021660.D

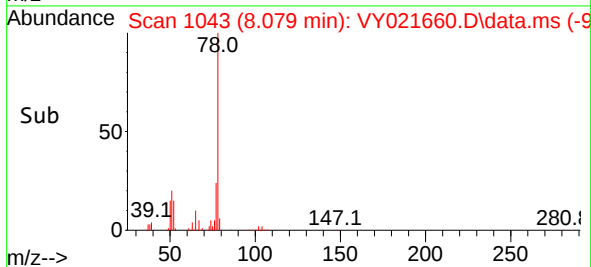
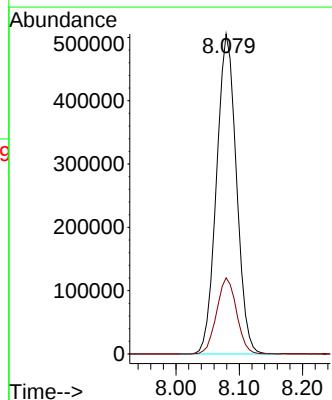
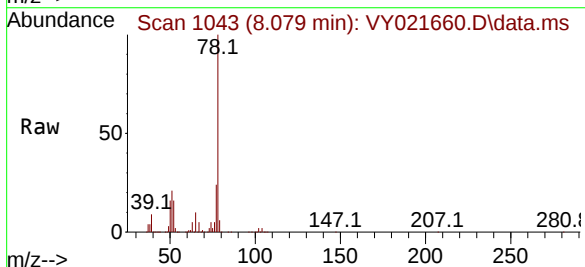
Acq: 27 Mar 2025 11:39

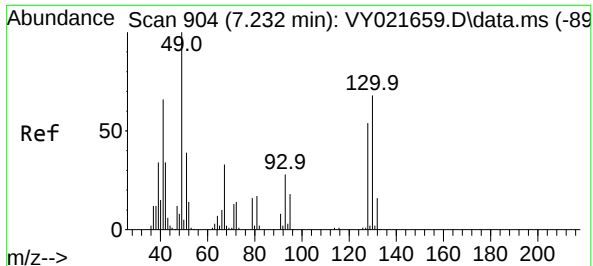
Tgt Ion: 78 Resp: 1100425

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2

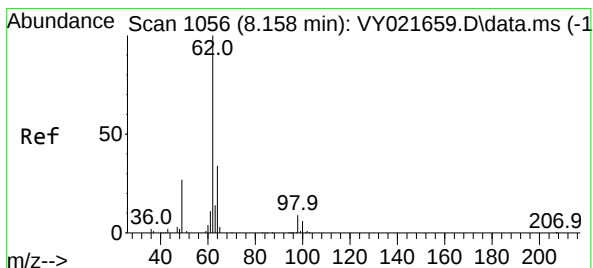
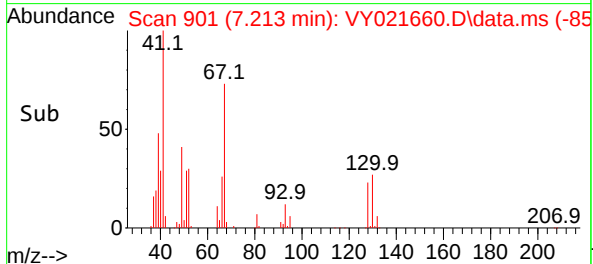
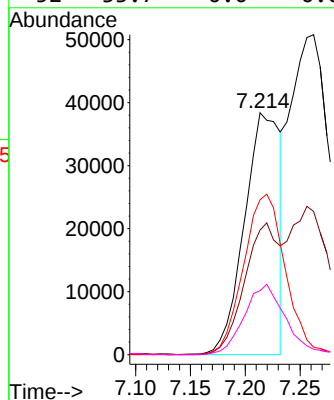
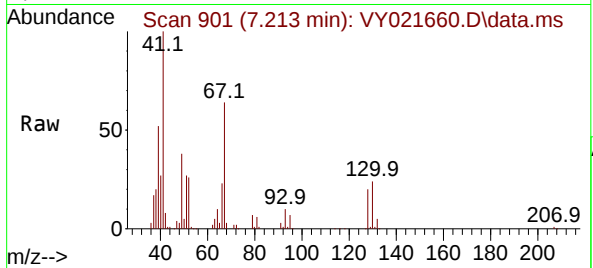




#41
Methacrylonitrile
Concen: 92.176 ug/l
RT: 7.213 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

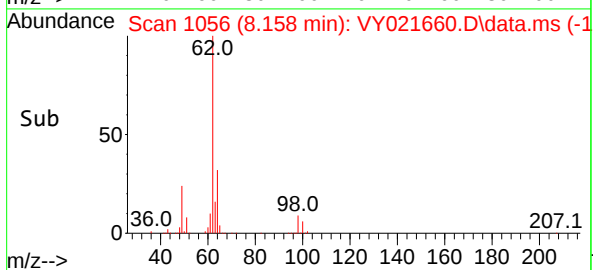
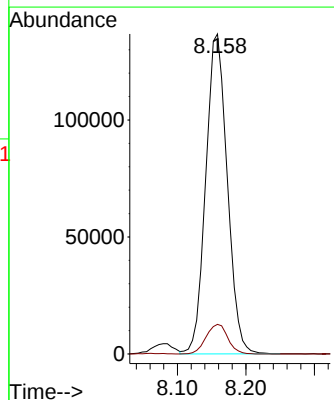
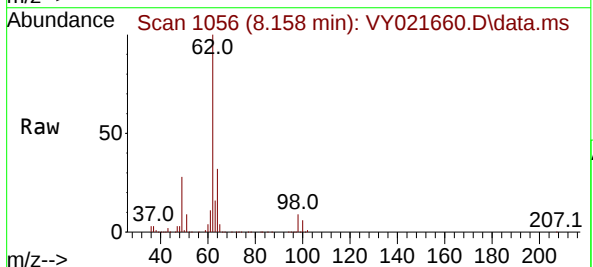
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

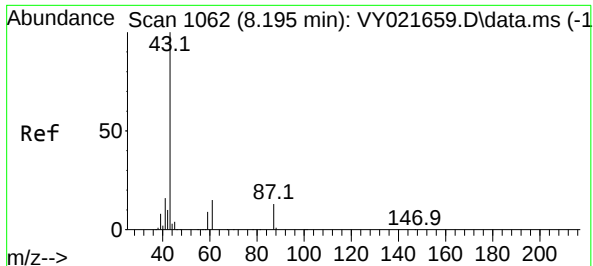
Tgt Ion: 41 Resp: 86888
Ion Ratio Lower Upper
41 100
39 52.8 0.0 0.0#
67 78.1 0.0 0.0#
52 33.7 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 93.952 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 62 Resp: 298349
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4

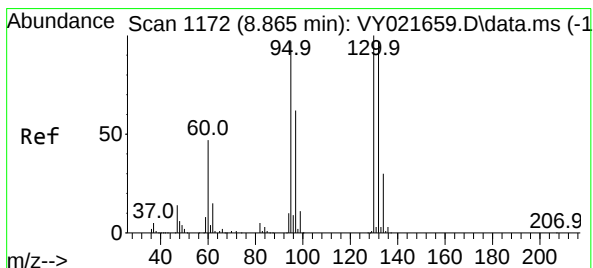
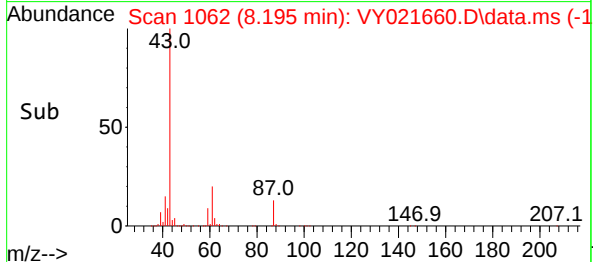
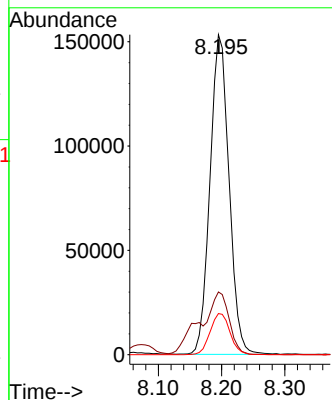
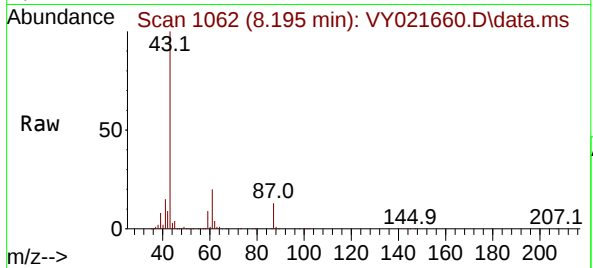




#43
Isopropyl Acetate
Concen: 95.153 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

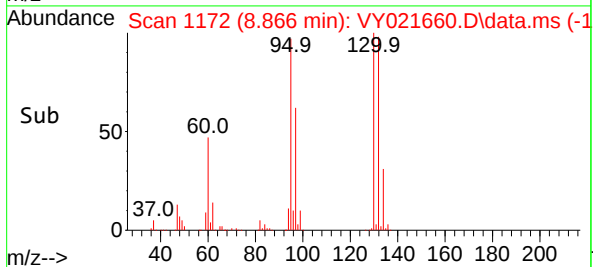
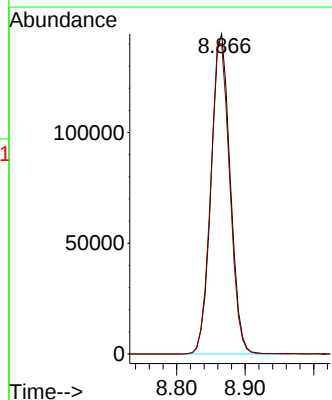
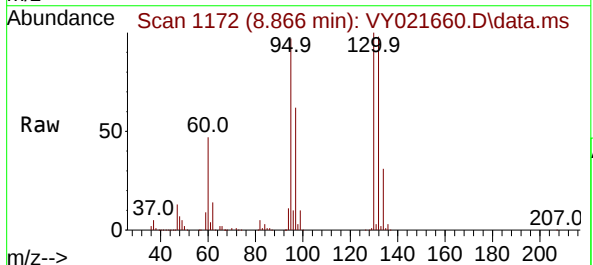
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

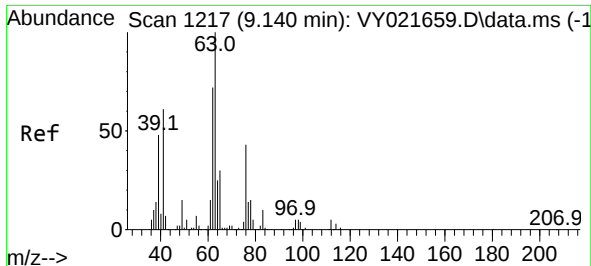
Tgt Ion: 43 Resp: 320092
Ion Ratio Lower Upper
43 100
61 20.0 15.9 23.9
87 13.4 10.4 15.6



#44
Trichloroethene
Concen: 97.190 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion:130 Resp: 278937
Ion Ratio Lower Upper
130 100
95 96.9 0.0 194.8





#45

1,2-Dichloropropane

Concen: 97.163 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

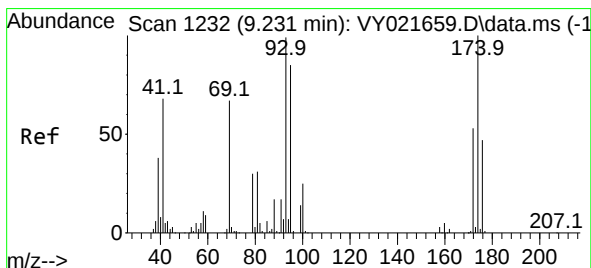
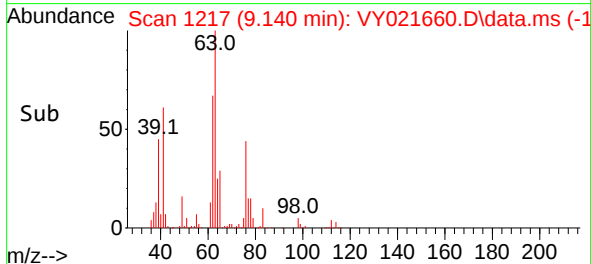
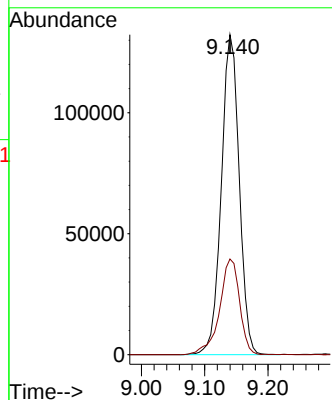
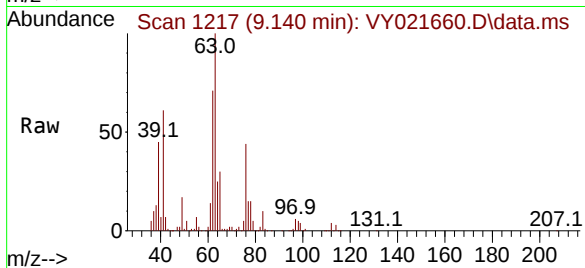
VSTDIC100

Tgt Ion: 63 Resp: 259066

Ion Ratio Lower Upper

63 100

65 29.9 24.4 36.6



#46

Dibromomethane

Concen: 94.482 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

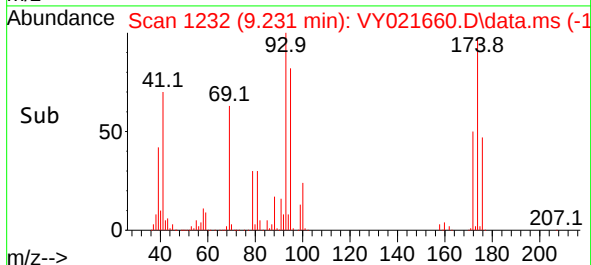
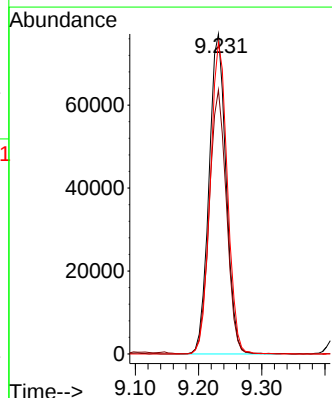
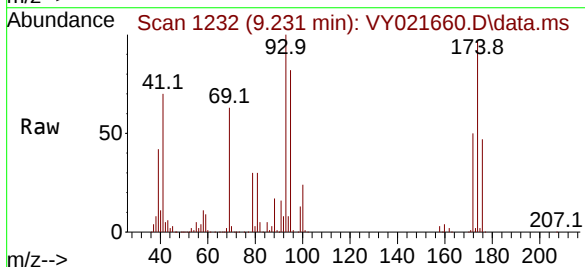
Tgt Ion: 93 Resp: 145186

Ion Ratio Lower Upper

93 100

95 83.0 68.1 102.1

174 97.8 80.9 121.3

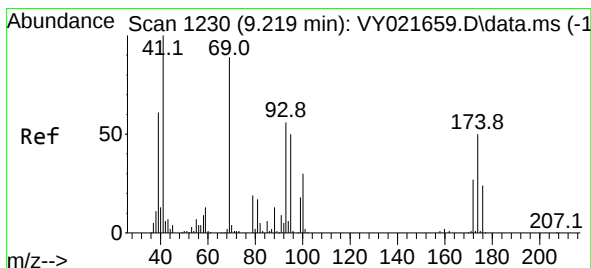
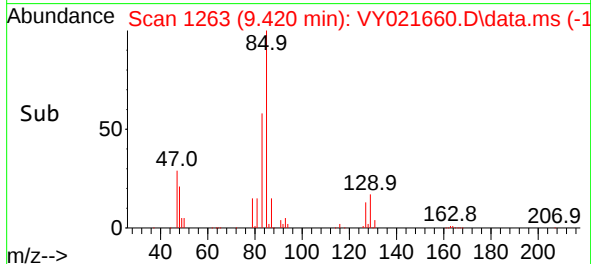
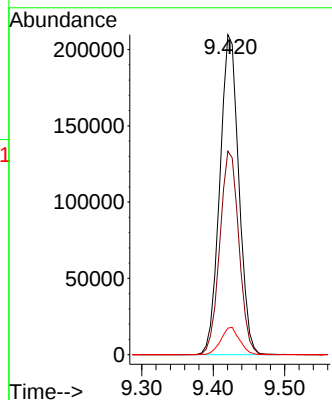
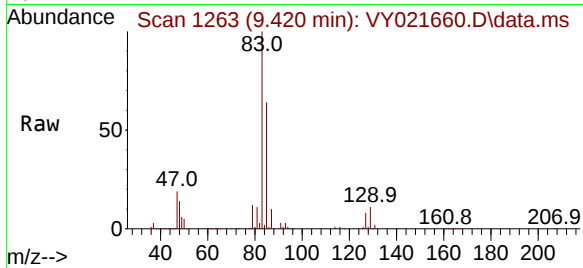




#47
Bromodichloromethane
Concen: 97.159 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

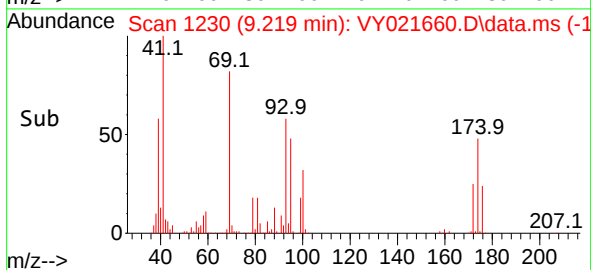
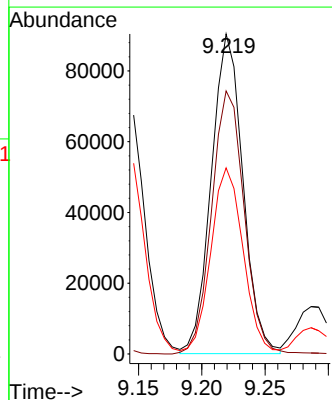
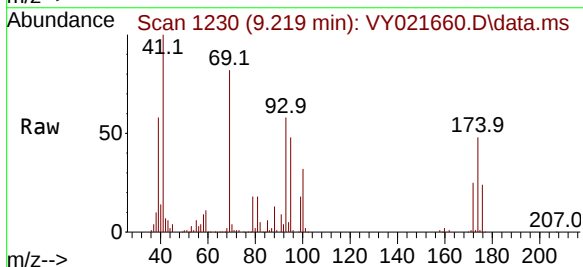
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 386864
Ion Ratio Lower Upper
83 100
85 63.6 51.8 77.6
127 8.3 6.8 10.2



#48
Methyl methacrylate
Concen: 101.718 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 41 Resp: 157046
Ion Ratio Lower Upper
41 100
69 85.0 69.8 104.8
39 57.6 47.2 70.8





#49

1,4-Dioxane

Concen: 1922.485 ug/l

RT: 9.225 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

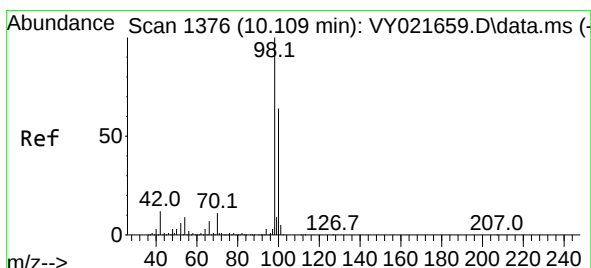
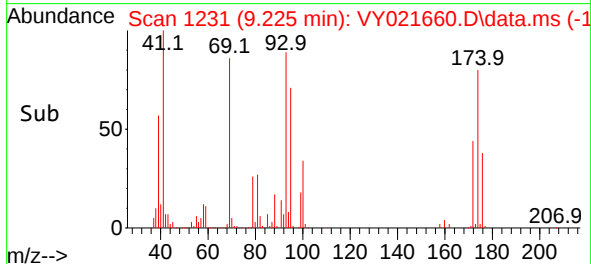
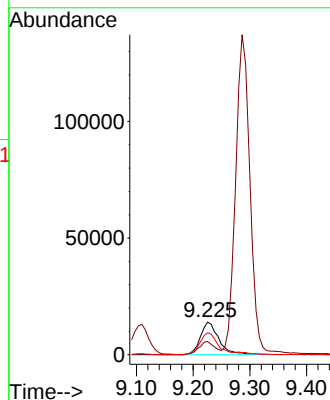
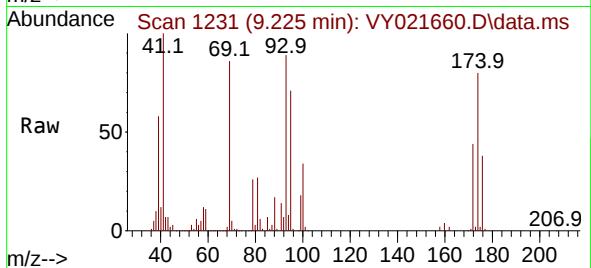
Tgt Ion: 88 Resp: 31647

Ion Ratio Lower Upper

88 100

43 34.7 28.8 43.2

58 65.5 59.4 89.2



#50

Toluene-d8

Concen: 101.480 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021660.D

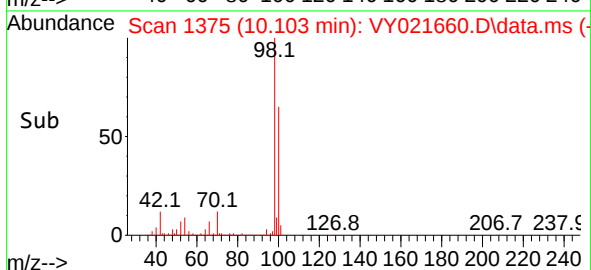
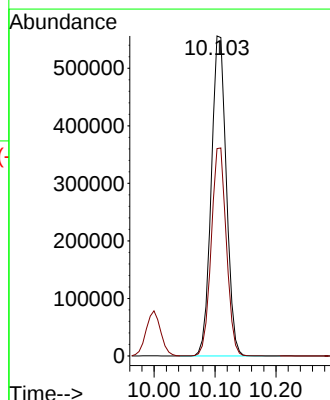
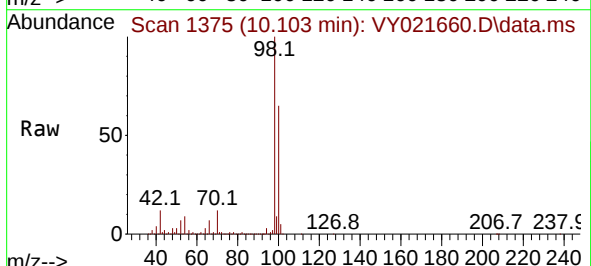
Acq: 27 Mar 2025 11:39

Tgt Ion: 98 Resp: 953346

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 483.331 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

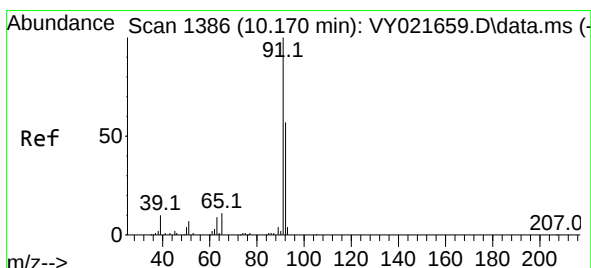
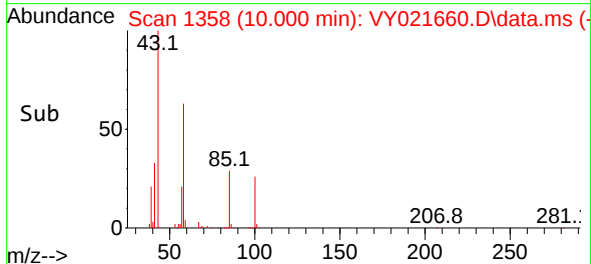
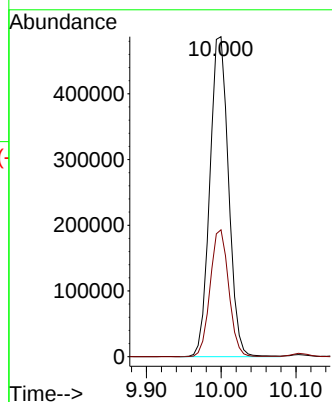
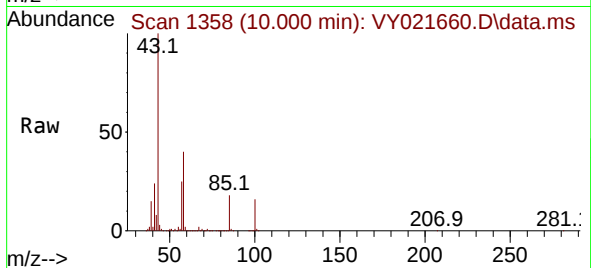
VSTDIC100

Tgt Ion: 43 Resp: 846126

Ion Ratio Lower Upper

43 100

58 39.4 31.5 47.3



#52

Toluene

Concen: 100.486 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021660.D

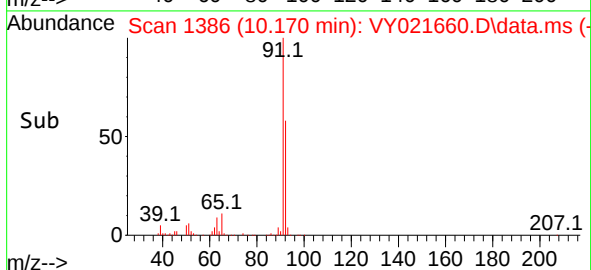
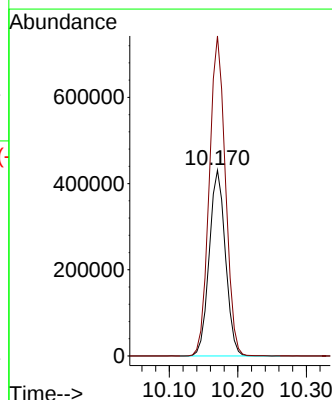
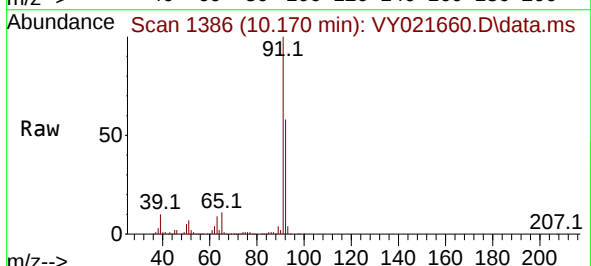
Acq: 27 Mar 2025 11:39

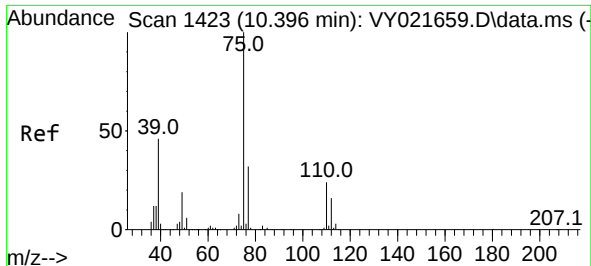
Tgt Ion: 92 Resp: 706197

Ion Ratio Lower Upper

92 100

91 172.2 138.6 207.8

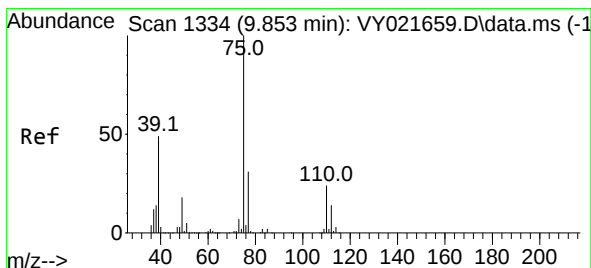
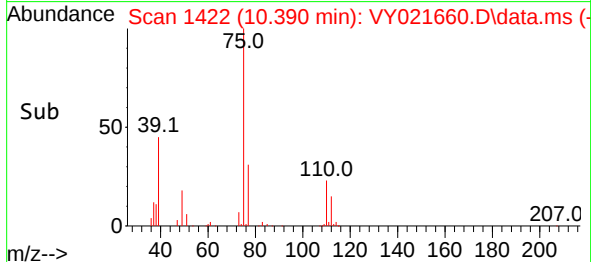
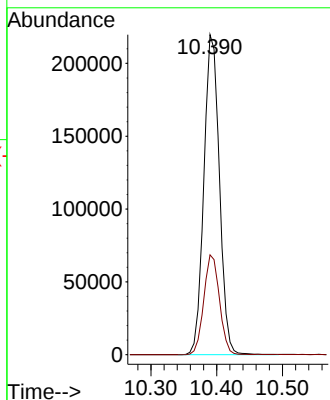
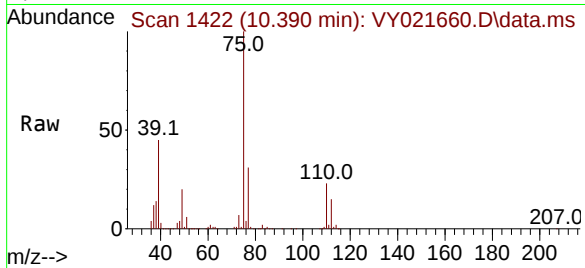




#53
t-1,3-Dichloropropene
Concen: 102.153 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

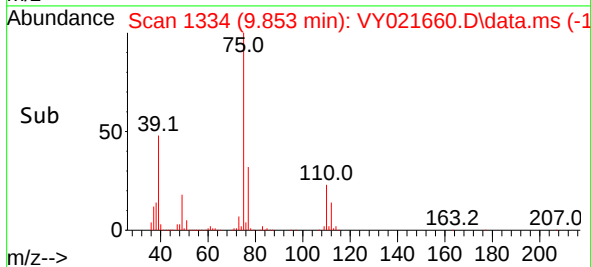
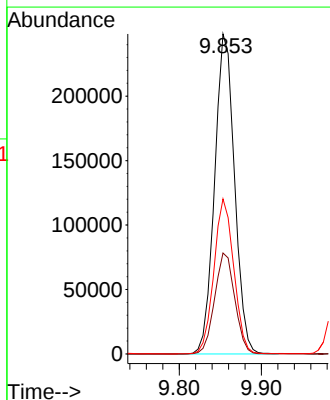
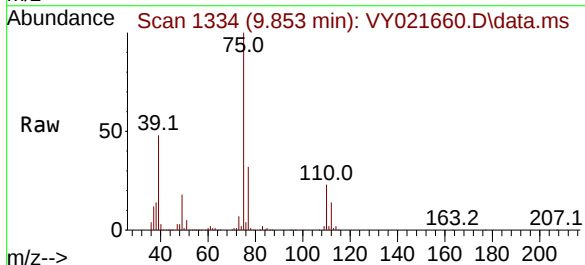
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

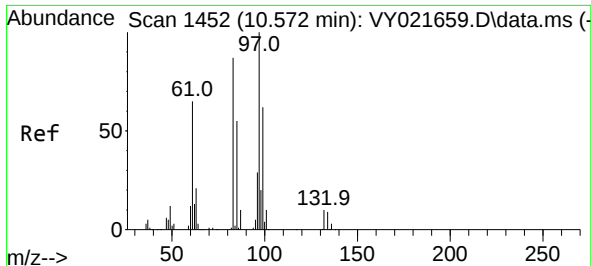
Tgt Ion: 75 Resp: 361283
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 100.208 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 75 Resp: 418099
Ion Ratio Lower Upper
75 100
77 31.5 24.9 37.3
39 48.4 39.2 58.8

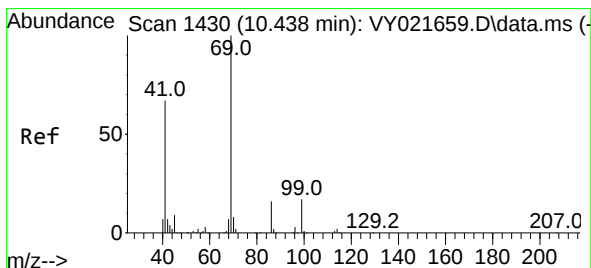
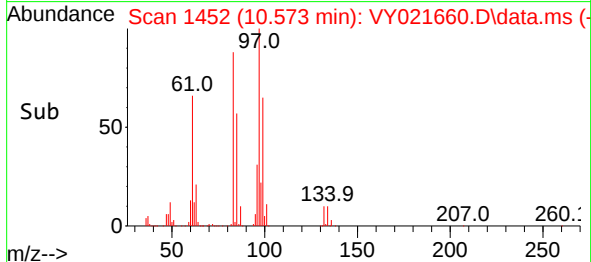
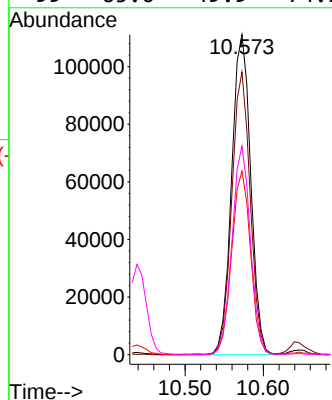
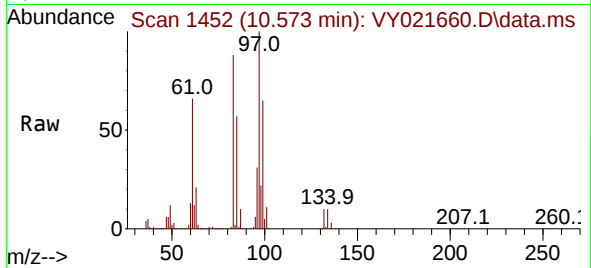




#55
1,1,2-Trichloroethane
Concen: 95.058 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

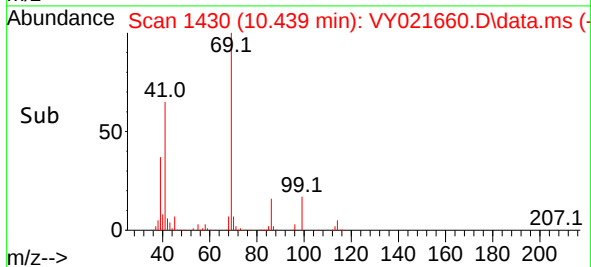
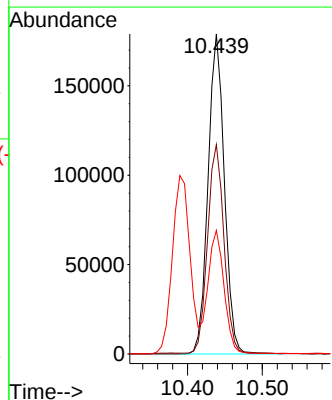
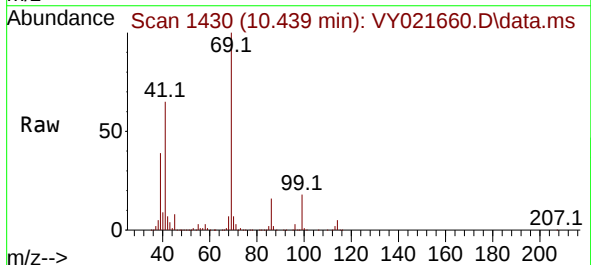
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

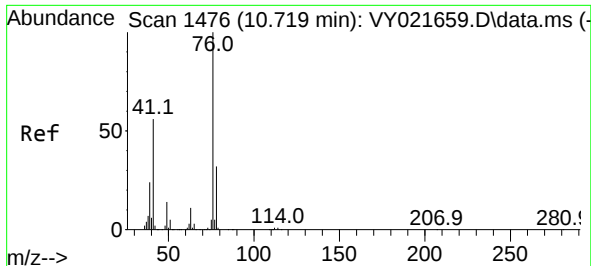
Tgt Ion:	97	Resp:	187977
Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.5	104.3
85	57.3	43.9	65.9
99	65.0	49.9	74.9



#56
Ethyl methacrylate
Concen: 107.339 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion:	69	Resp:	271036
Ion	Ratio	Lower	Upper
69	100		
41	65.6	53.8	80.6
39	38.6	29.6	44.4





#57

1,3-Dichloropropane

Concen: 96.352 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

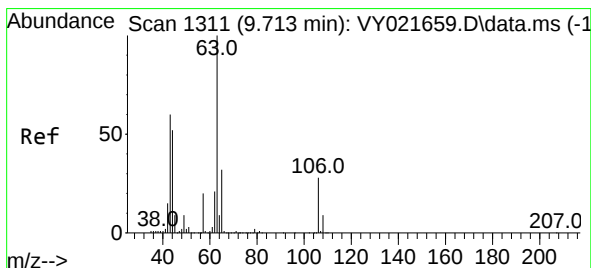
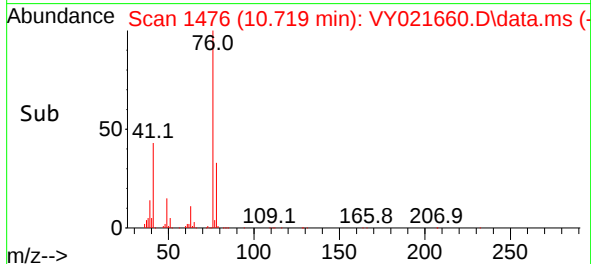
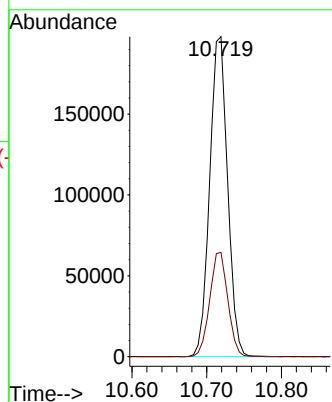
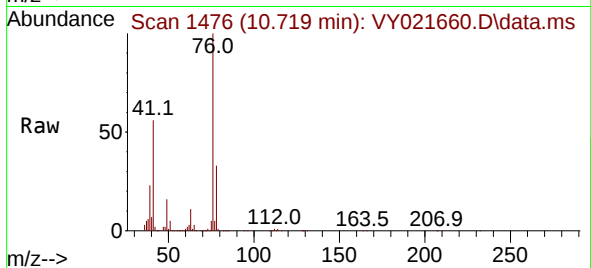
VSTDIC100

Tgt Ion: 76 Resp: 329063

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 534.142 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021660.D

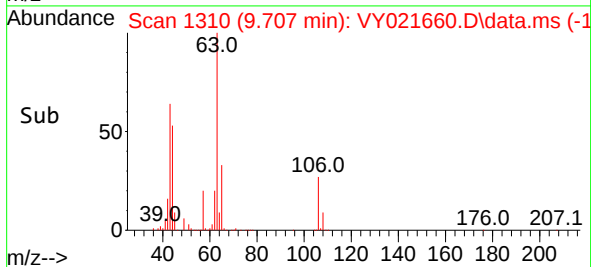
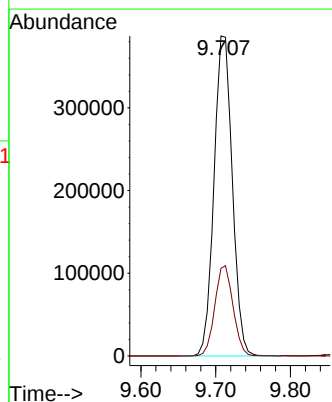
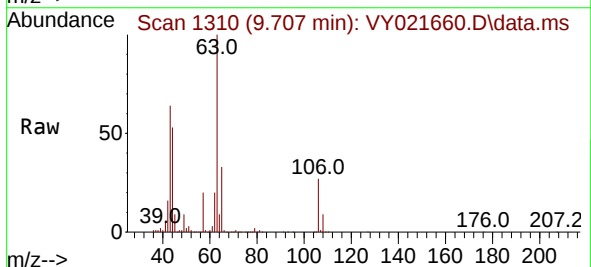
Acq: 27 Mar 2025 11:39

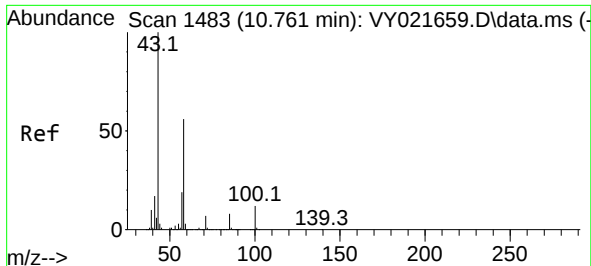
Tgt Ion: 63 Resp: 657953

Ion Ratio Lower Upper

63 100

106 28.1 22.4 33.6





#59

2-Hexanone

Concen: 484.686 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

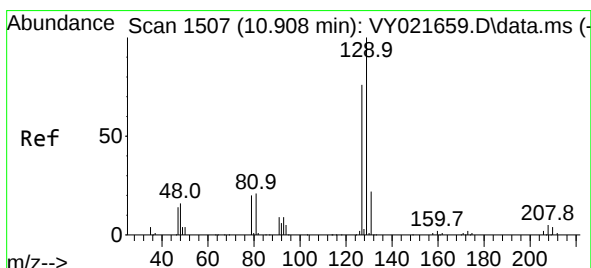
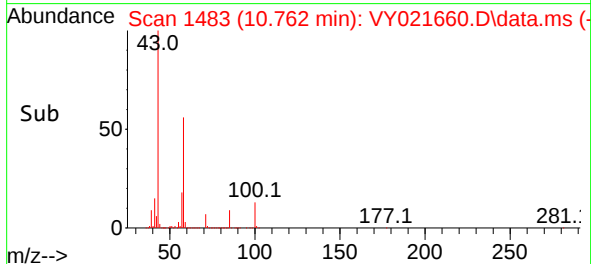
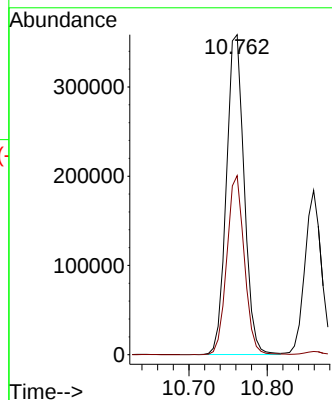
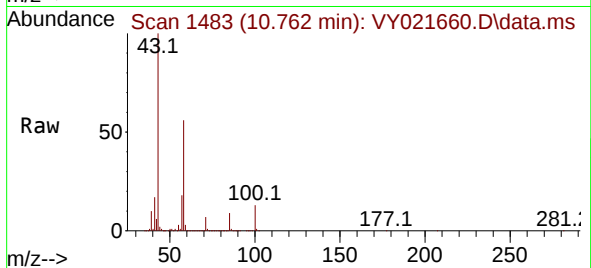
VSTDIC100

Tgt Ion: 43 Resp: 565086

Ion Ratio Lower Upper

43 100

58 55.2 27.2 81.5



#60

Dibromochloromethane

Concen: 98.207 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY021660.D

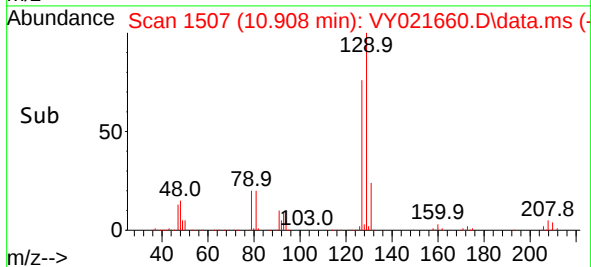
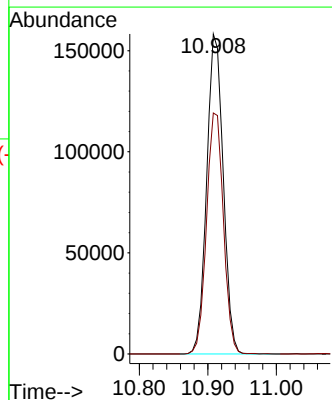
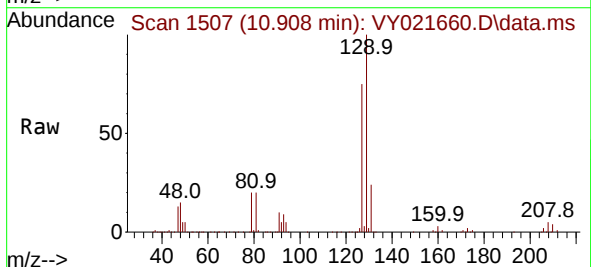
Acq: 27 Mar 2025 11:39

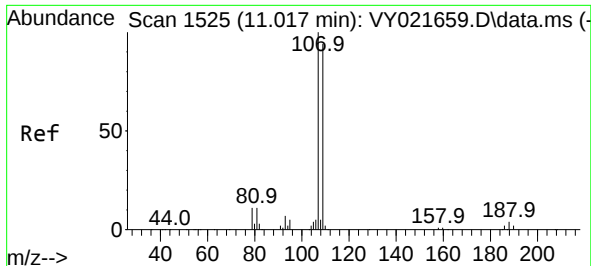
Tgt Ion:129 Resp: 265151

Ion Ratio Lower Upper

129 100

127 77.0 38.6 115.7

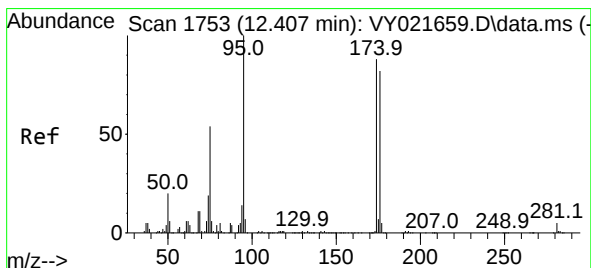
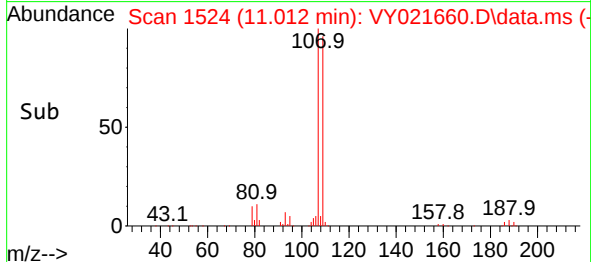
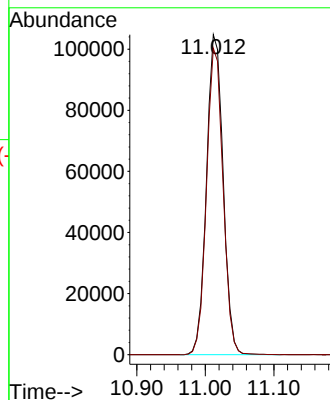
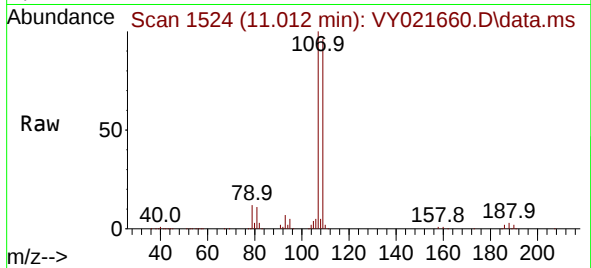




#61
1,2-Dibromoethane
Concen: 95.501 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

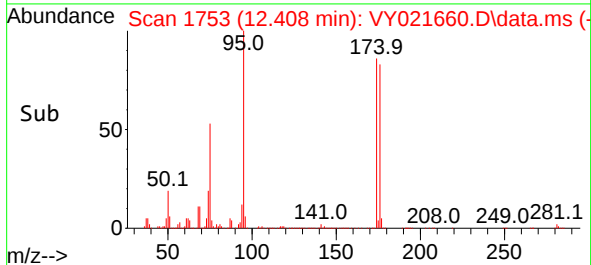
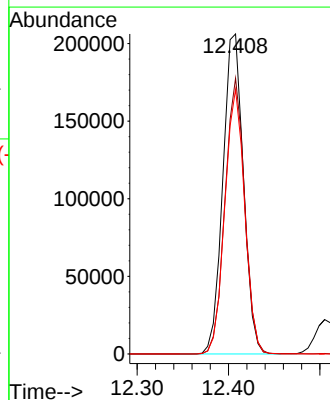
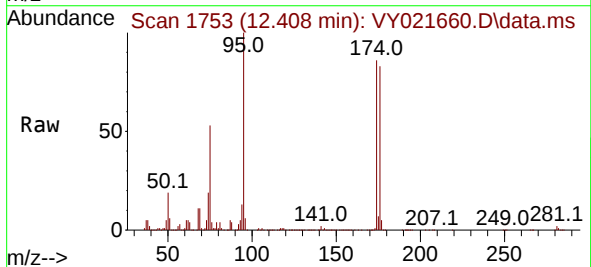
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

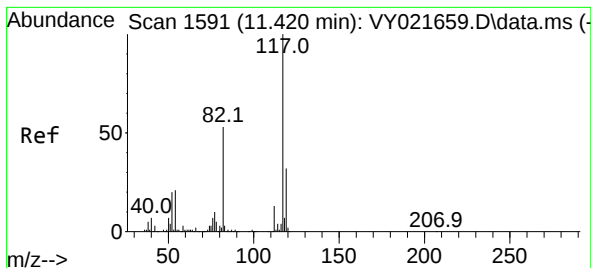
Tgt Ion:107 Resp: 177158
Ion Ratio Lower Upper
107 100
109 94.9 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 101.481 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 95 Resp: 322469
Ion Ratio Lower Upper
95 100
174 82.7 0.0 170.8
176 79.9 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

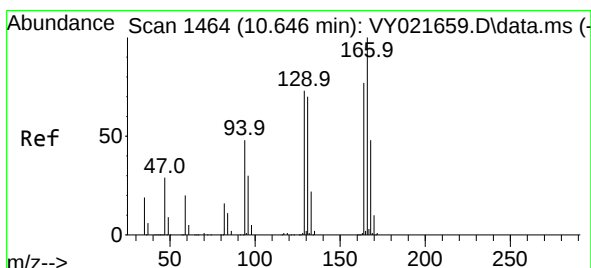
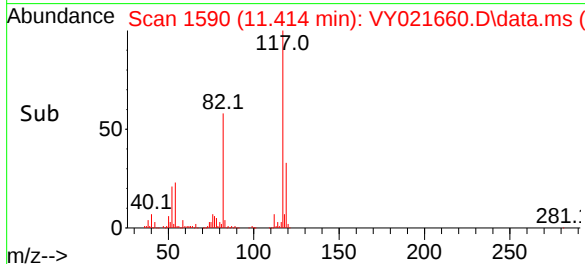
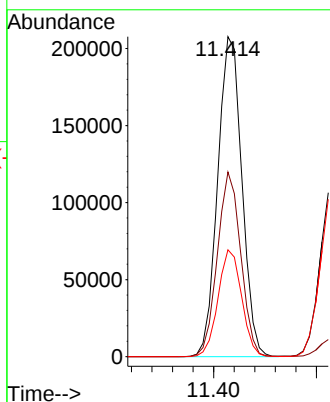
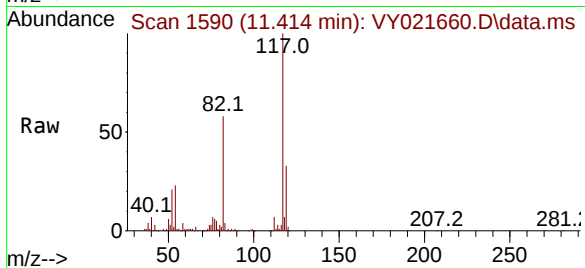
Tgt Ion:117 Resp: 339201

Ion Ratio Lower Upper

117 100

82 57.7 42.8 64.2

119 33.4 25.7 38.5



#64

Tetrachloroethene

Concen: 90.401 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Tgt Ion:164 Resp: 279279

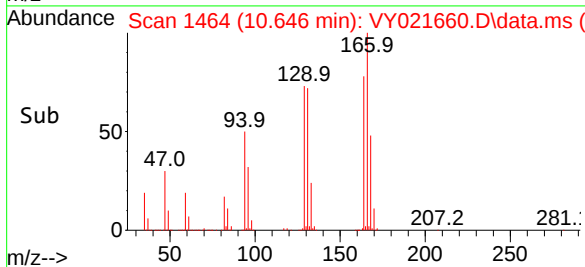
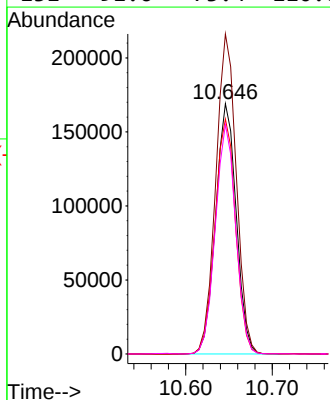
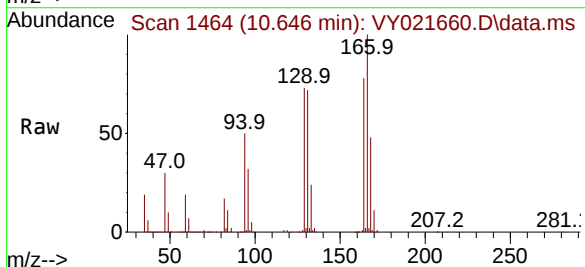
Ion Ratio Lower Upper

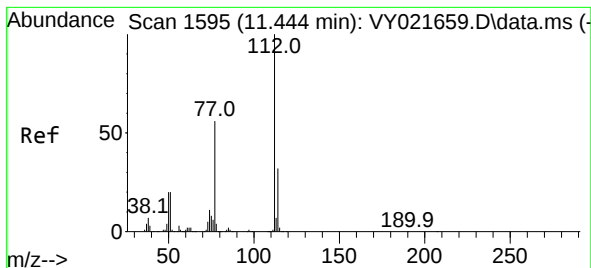
164 100

166 127.9 104.6 156.8

129 93.9 76.6 114.8

131 91.6 73.4 110.0





#65

Chlorobenzene

Concen: 97.381 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.006 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

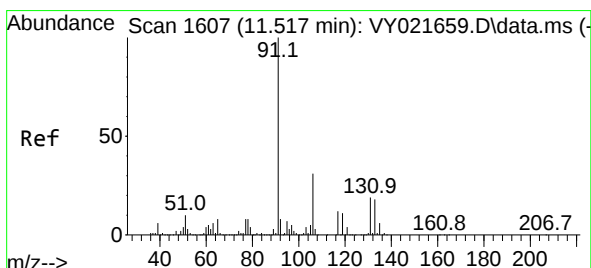
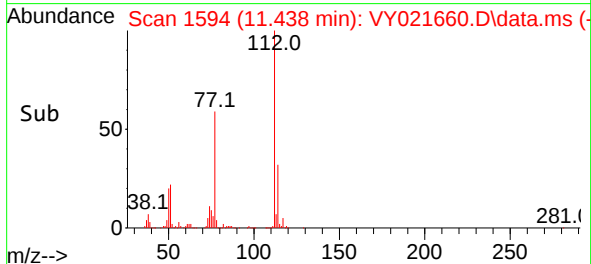
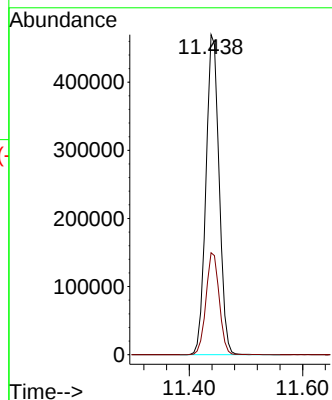
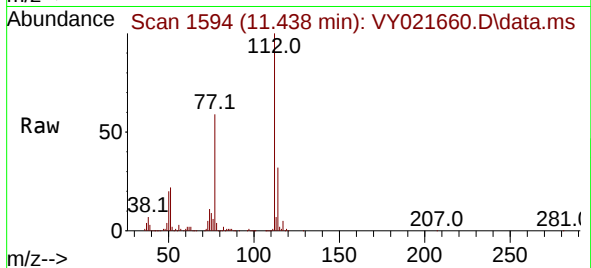
VSTDIC100

Tgt Ion:112 Resp: 757197

Ion Ratio Lower Upper

112 100

114 31.9 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 98.275 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

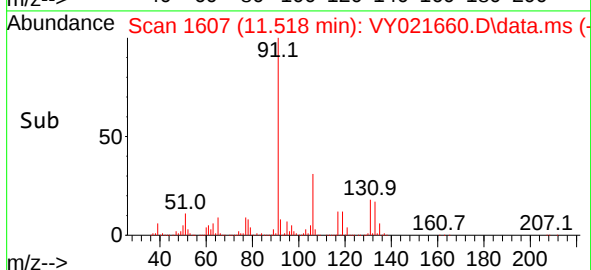
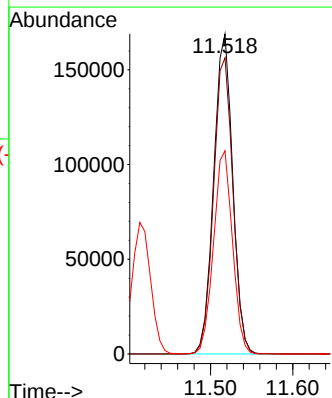
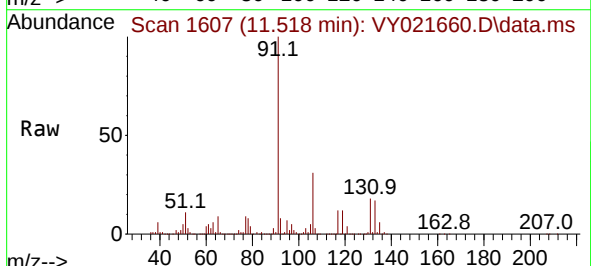
Tgt Ion:131 Resp: 271119

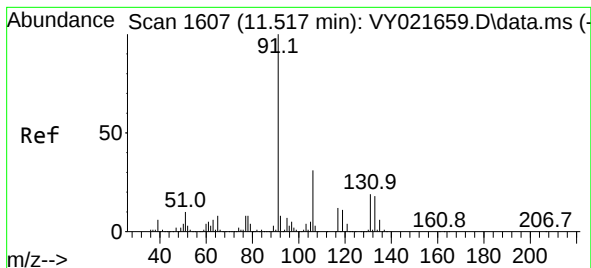
Ion Ratio Lower Upper

131 100

133 94.4 47.3 141.8

119 63.6 31.6 95.0





#67

Ethyl Benzene

Concen: 102.918 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

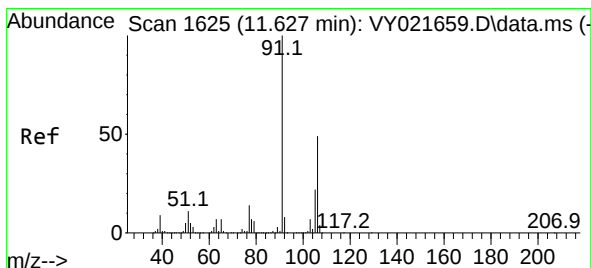
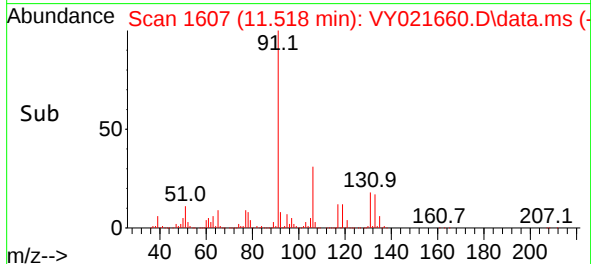
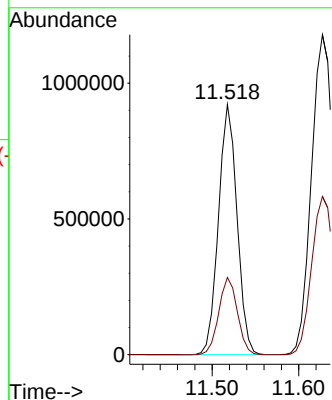
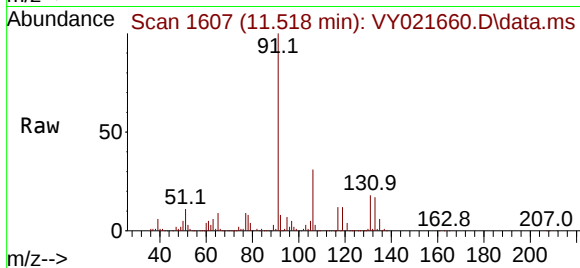
VSTDIC100

Tgt Ion: 91 Resp: 1372249

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 205.681 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021660.D

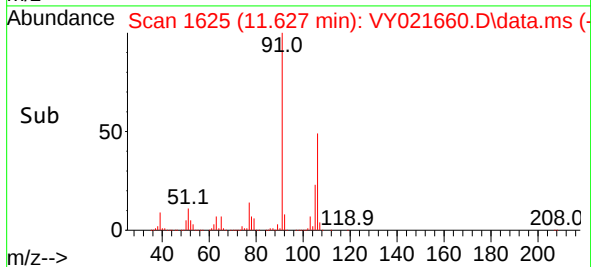
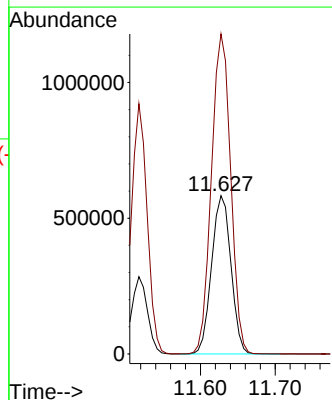
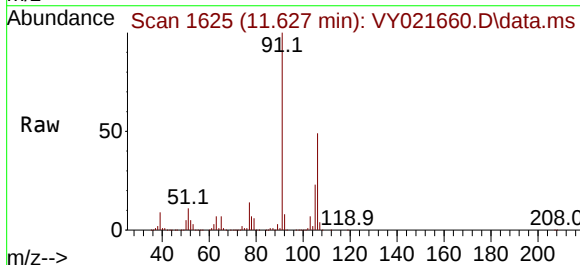
Acq: 27 Mar 2025 11:39

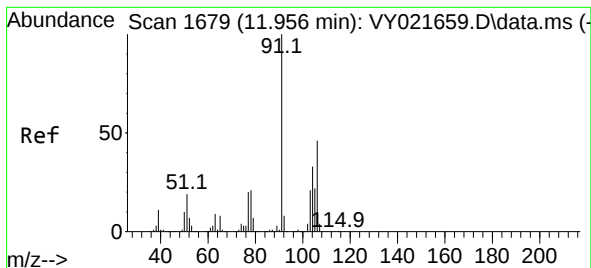
Tgt Ion: 106 Resp: 1050156

Ion Ratio Lower Upper

106 100

91 201.4 162.4 243.6

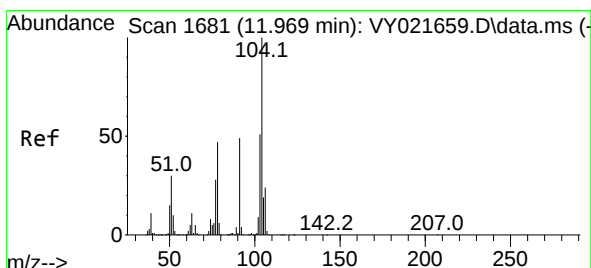
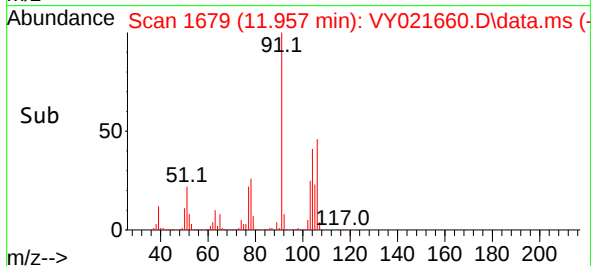
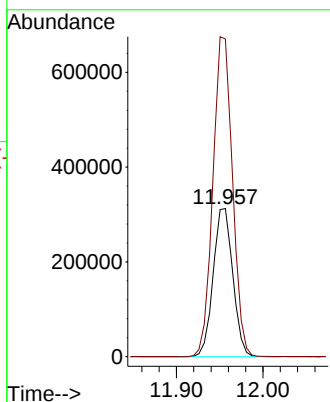
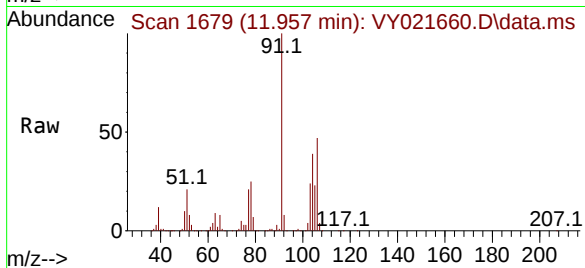




#69
o-Xylene
Concen: 104.369 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

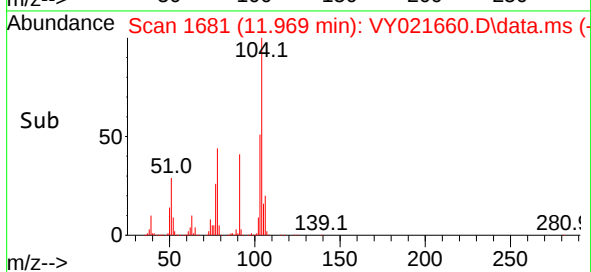
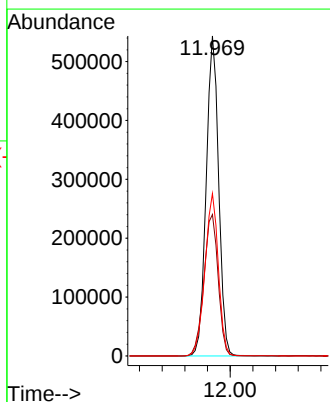
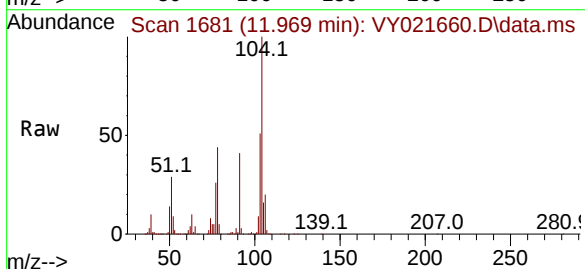
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

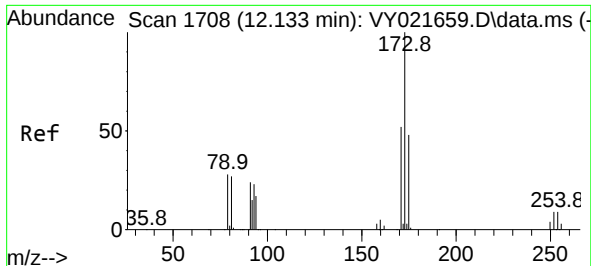
Tgt Ion:106 Resp: 491895
Ion Ratio Lower Upper
106 100
91 215.9 106.7 319.9



#70
Styrene
Concen: 106.098 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion:104 Resp: 833734
Ion Ratio Lower Upper
104 100
78 50.5 40.8 61.2
103 54.6 44.2 66.2

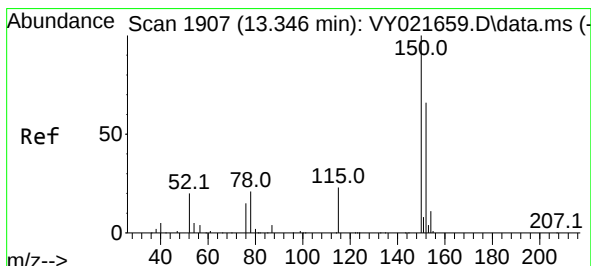
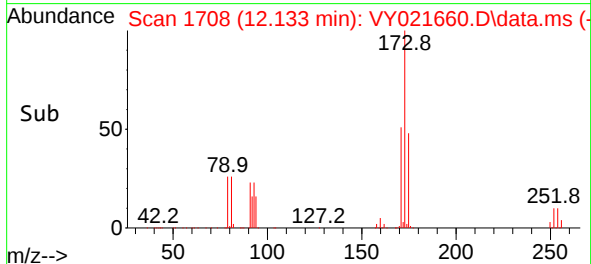
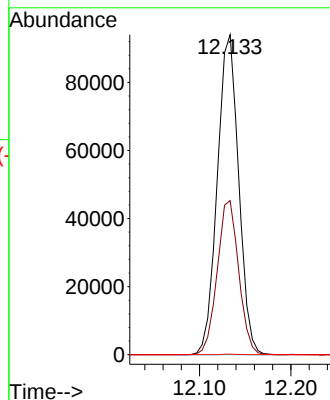
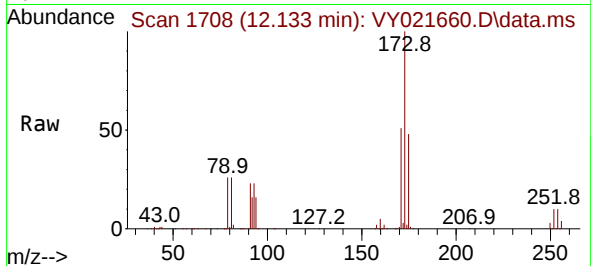




#71
Bromoform
Concen: 97.024 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

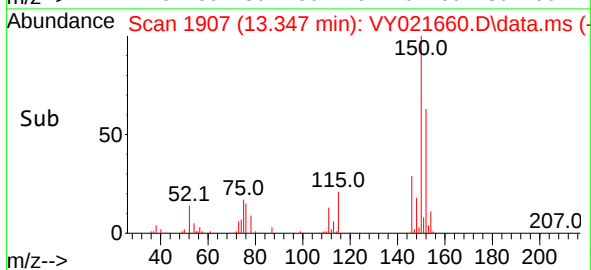
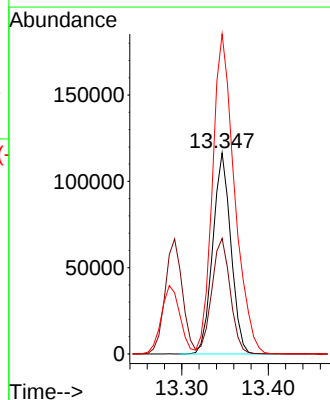
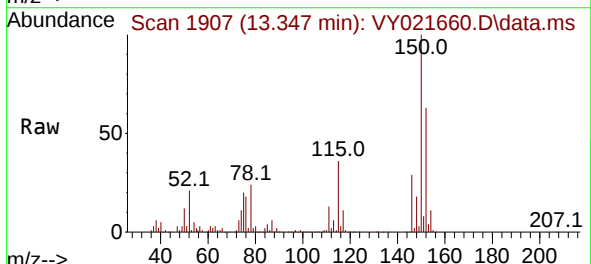
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

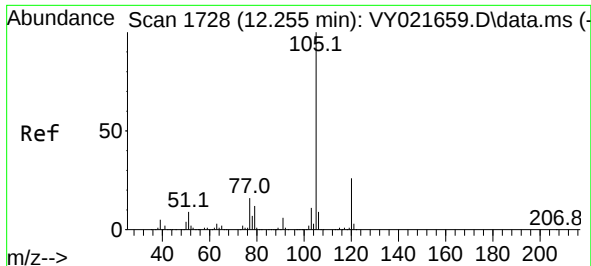
Tgt Ion:173 Resp: 152683
Ion Ratio Lower Upper
173 100
175 48.4 24.3 73.0
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion:152 Resp: 168901
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 193.6 0.0 348.4

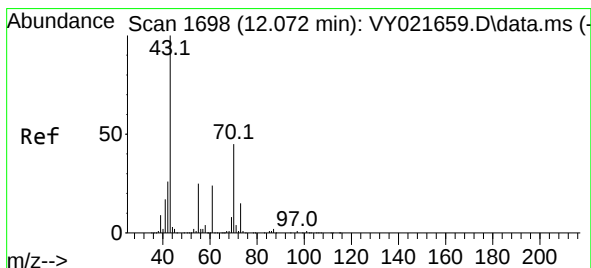
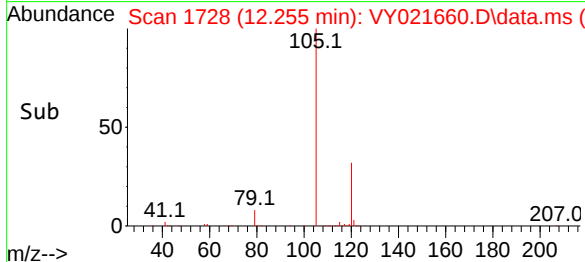
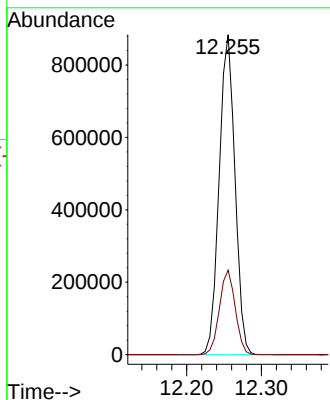
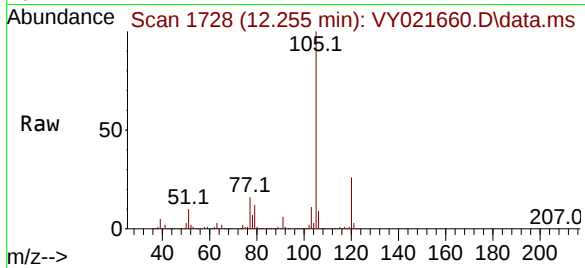




#73
Isopropylbenzene
Concen: 103.486 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

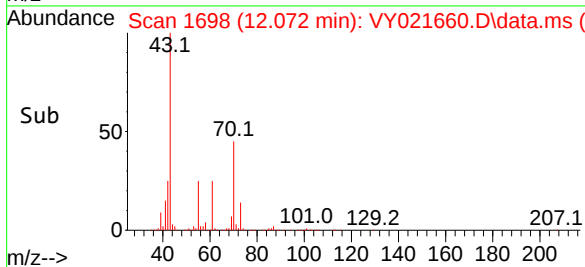
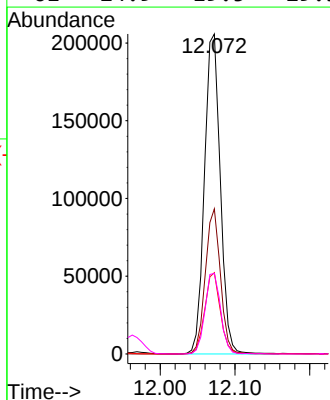
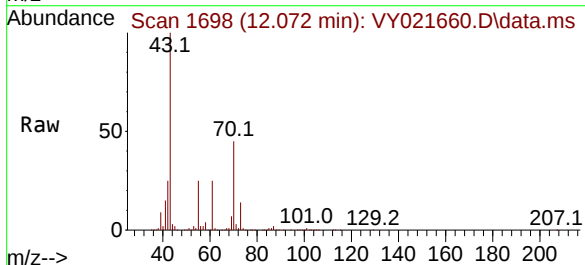
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

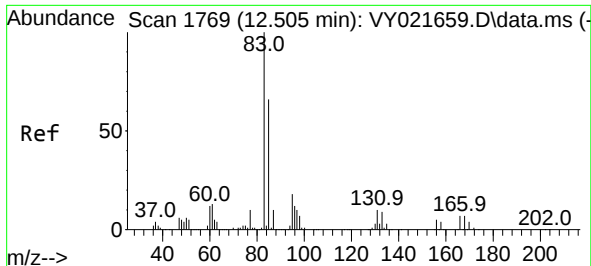
Tgt Ion:105 Resp: 1298221
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5



#74
N-ethyl acetate
Concen: 103.027 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 43 Resp: 303328
Ion Ratio Lower Upper
43 100
70 43.3 34.7 52.1
55 25.1 21.2 31.8
61 24.9 19.5 29.3

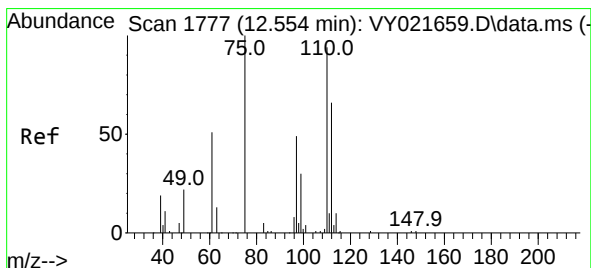
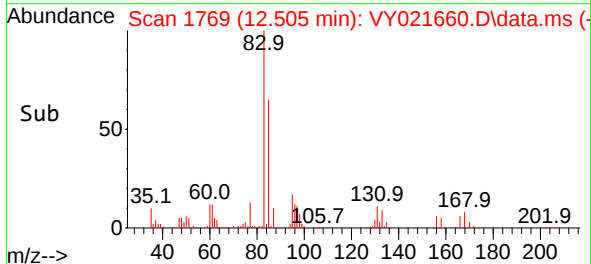
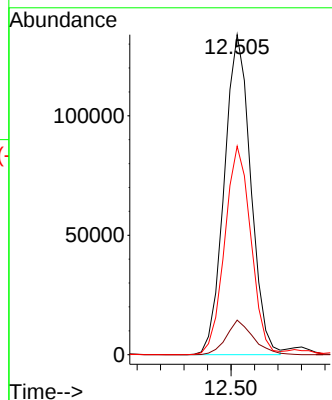
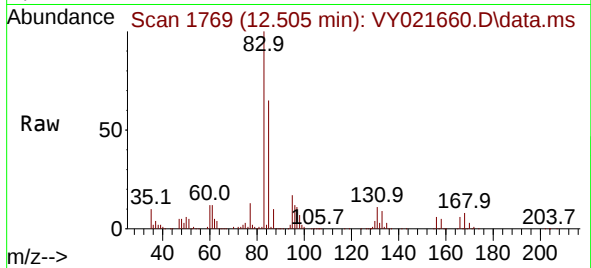




#75
 1,1,2-Tetrachloroethane
 Concen: 92.706 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021660.D
 Acq: 27 Mar 2025 11:39

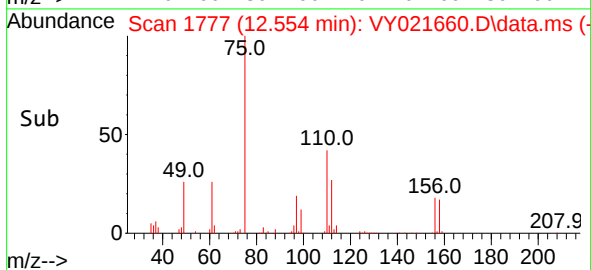
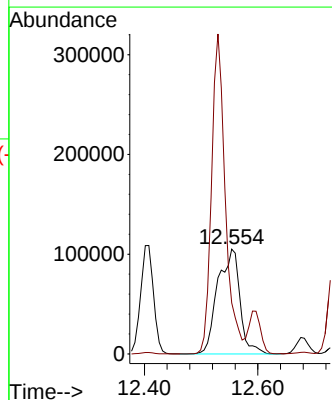
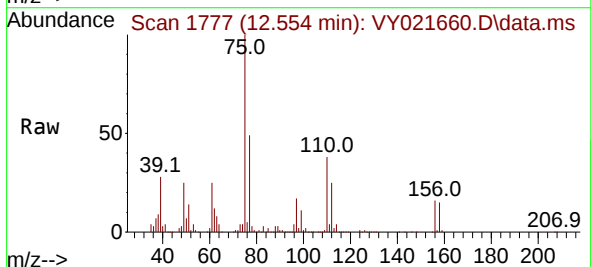
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

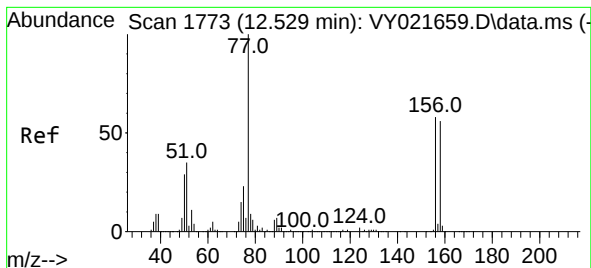
Tgt Ion: 83 Resp: 209094
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.1 15.3
 85 64.7 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 170.792 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021660.D
 Acq: 27 Mar 2025 11:39

Tgt Ion: 75 Resp: 285947
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 99.323 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

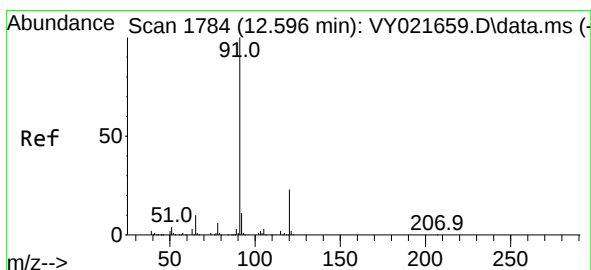
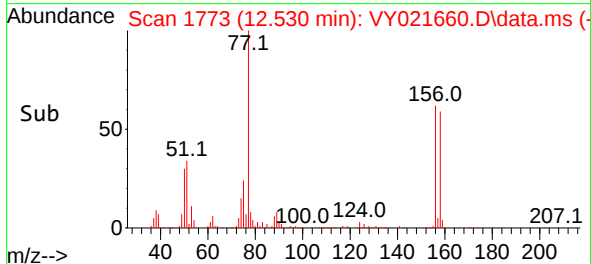
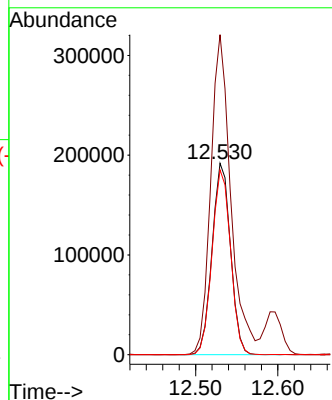
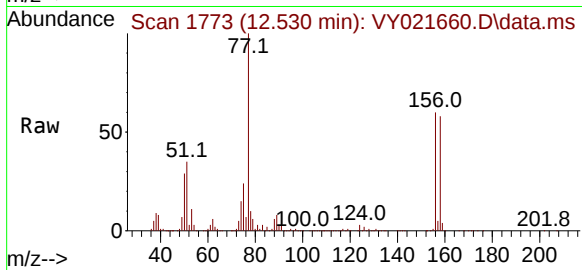
Tgt Ion:156 Resp: 299163

Ion Ratio Lower Upper

156 100

77 181.1 92.8 278.3

158 96.8 48.5 145.6



#78

n-propylbenzene

Concen: 103.290 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021660.D

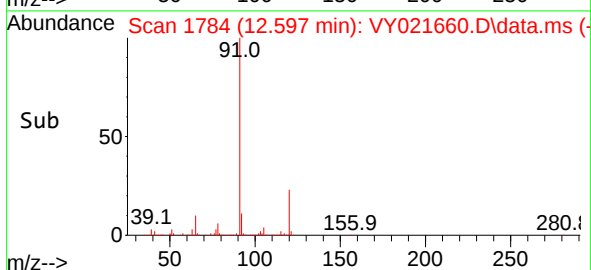
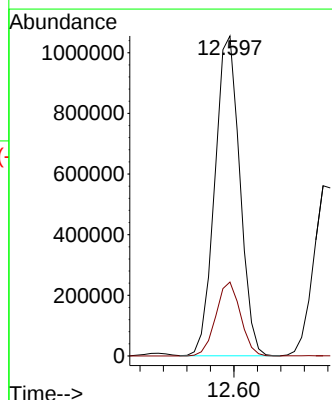
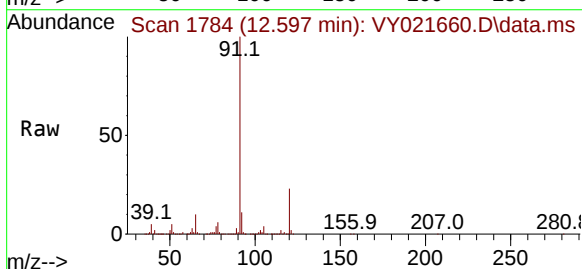
Acq: 27 Mar 2025 11:39

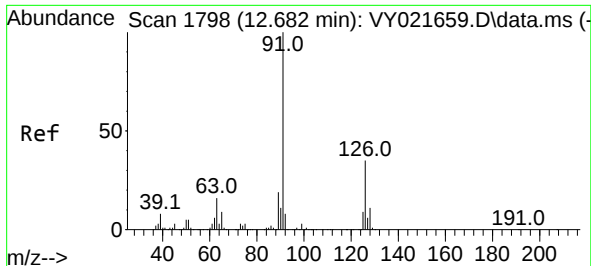
Tgt Ion: 91 Resp: 1557825

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.9





#79

2-Chlorotoluene

Concen: 100.382 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

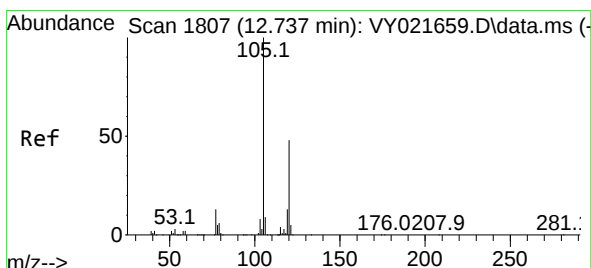
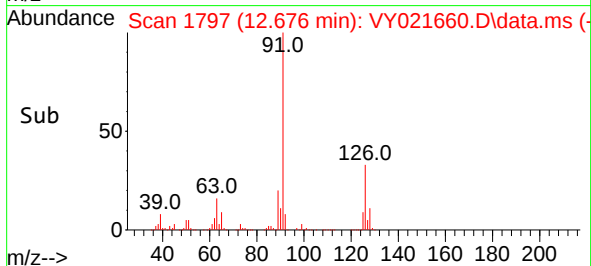
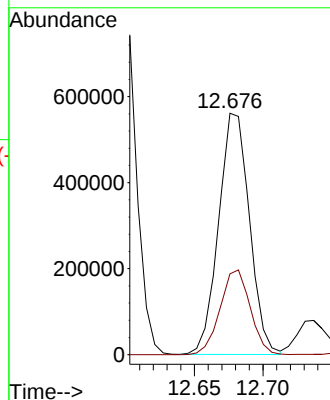
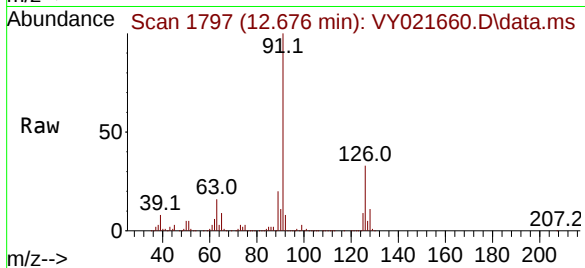
VSTDIC100

Tgt Ion: 91 Resp: 879334

Ion Ratio Lower Upper

91 100

126 34.3 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 103.480 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021660.D

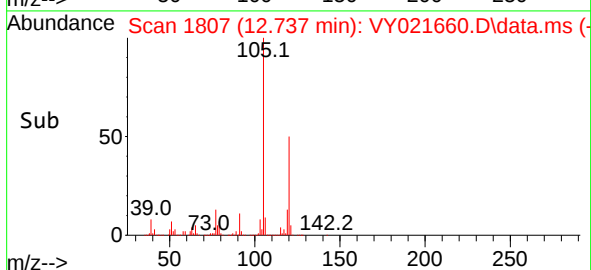
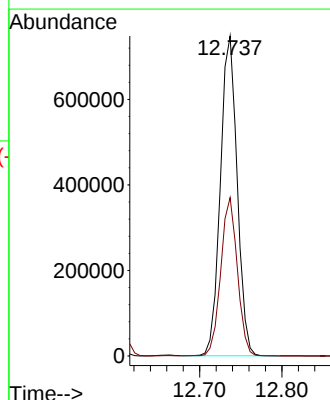
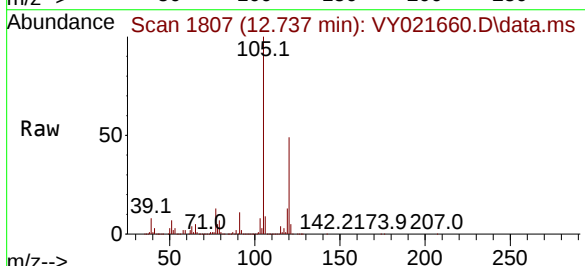
Acq: 27 Mar 2025 11:39

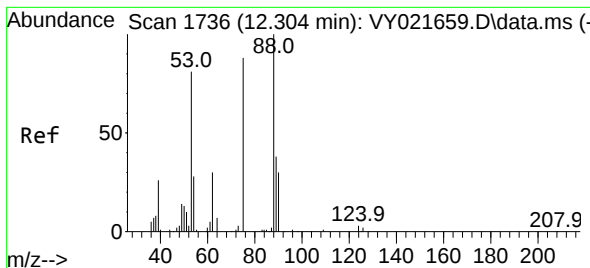
Tgt Ion:105 Resp: 1060963

Ion Ratio Lower Upper

105 100

120 48.9 24.5 73.5

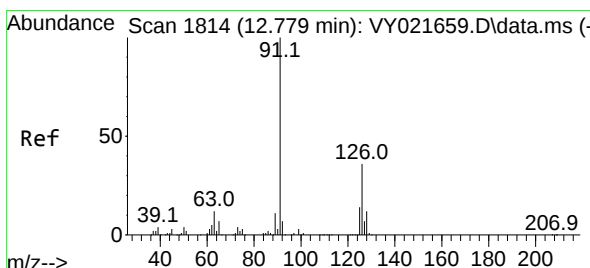
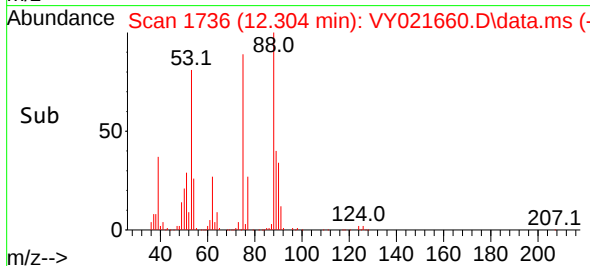
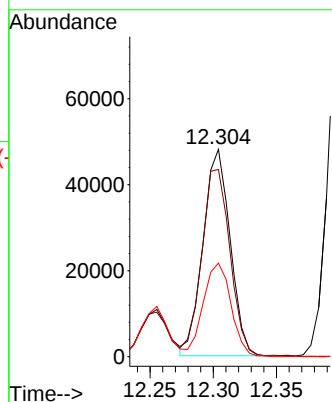
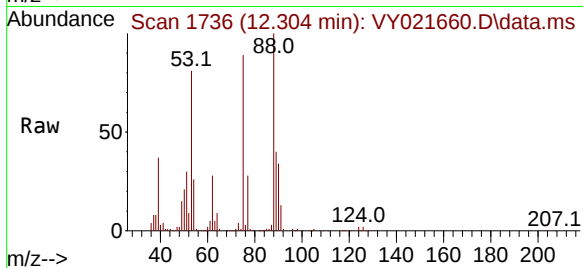




#81
trans-1,4-Dichloro-2-butene
Concen: 98.330 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

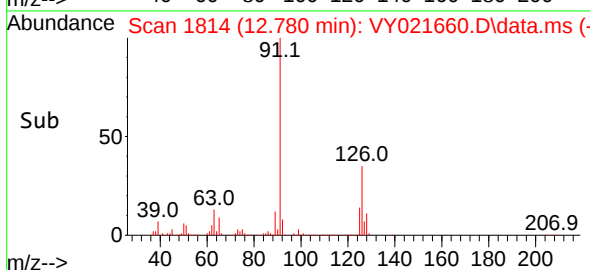
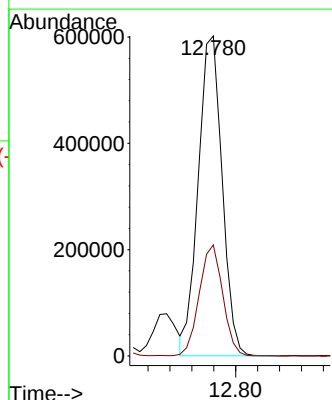
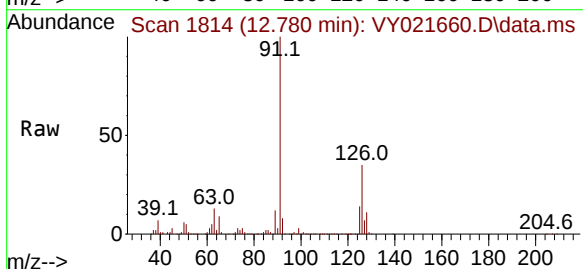
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

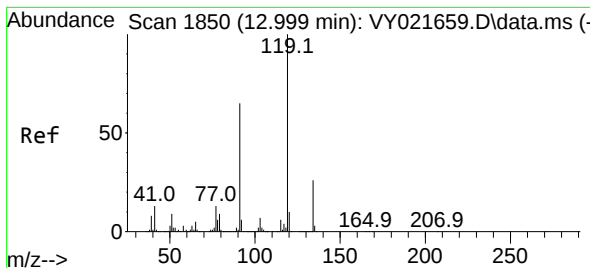
Tgt Ion: 75 Resp: 71448
Ion Ratio Lower Upper
75 100
53 95.8 76.1 114.1
89 46.1 36.2 54.4



#82
4-Chlorotoluene
Concen: 99.676 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 91 Resp: 910295
Ion Ratio Lower Upper
91 100
126 34.3 17.0 50.9





#83

tert-Butylbenzene

Concen: 104.762 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

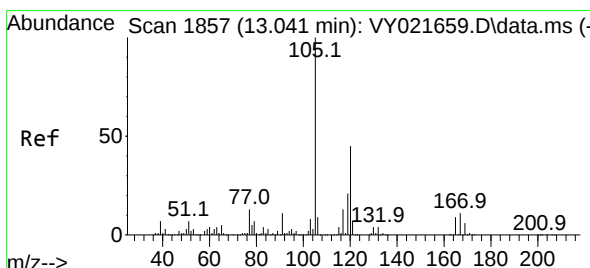
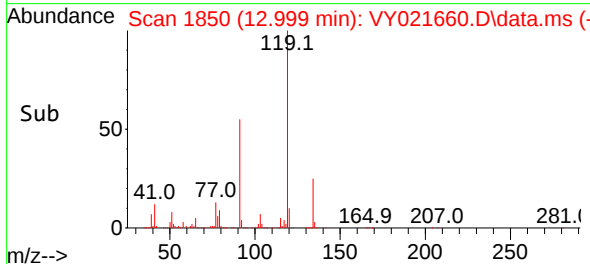
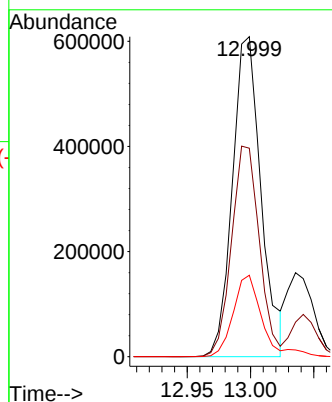
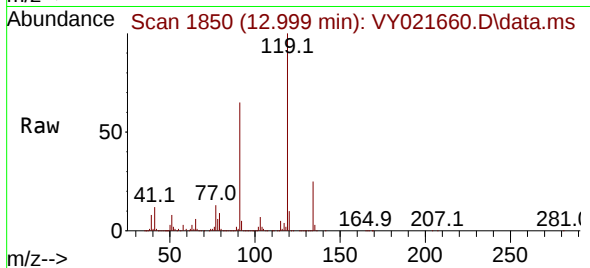
Tgt Ion:119 Resp: 956705

Ion Ratio Lower Upper

119 100

91 64.2 32.6 97.7

134 25.8 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 103.880 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021660.D

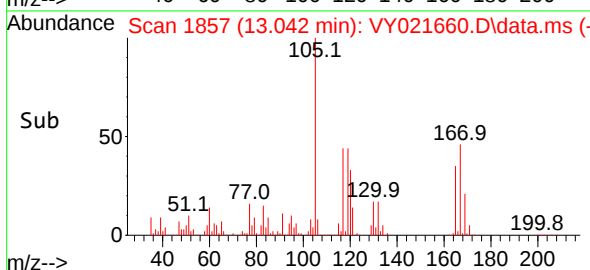
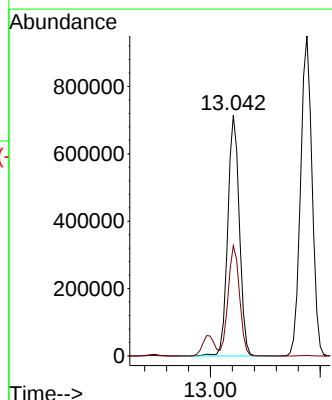
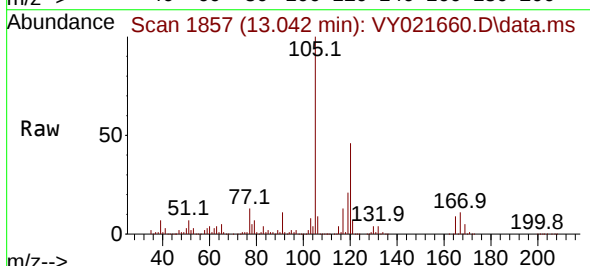
Acq: 27 Mar 2025 11:39

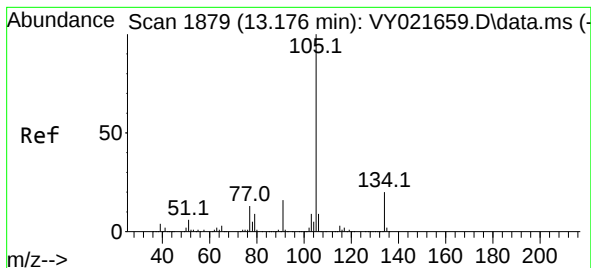
Tgt Ion:105 Resp: 1052663

Ion Ratio Lower Upper

105 100

120 45.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 102.624 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

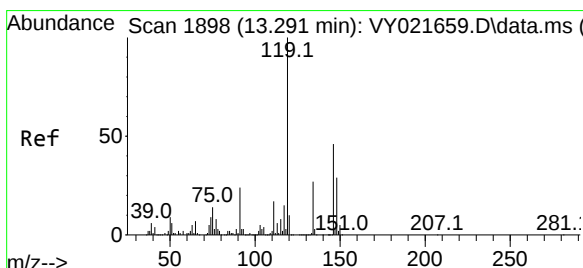
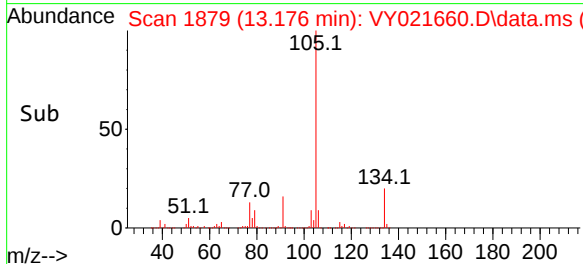
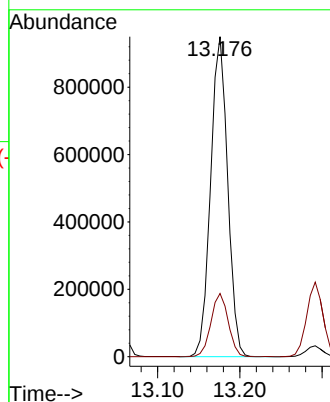
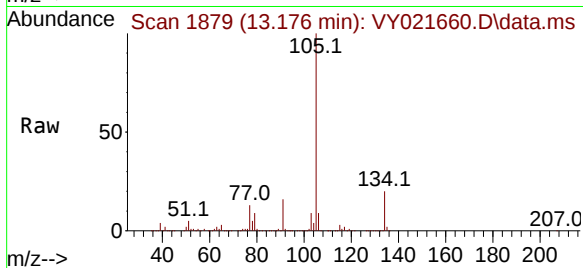
VSTDICC100

Tgt Ion:105 Resp: 1369601

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 105.509 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

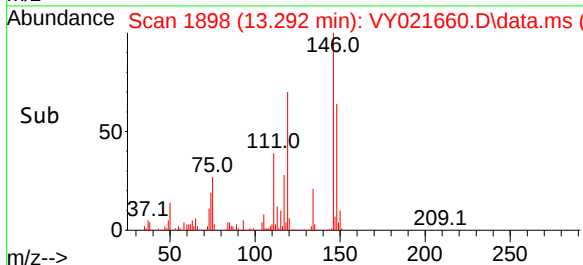
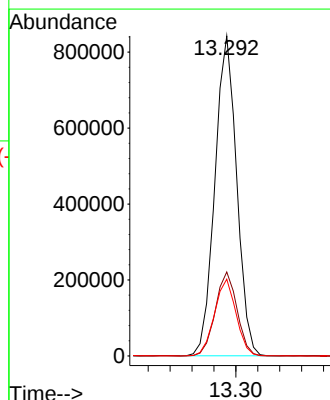
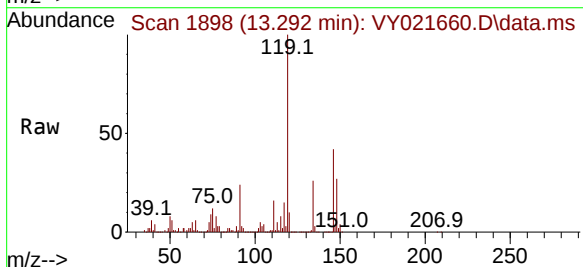
Tgt Ion:119 Resp: 1163796

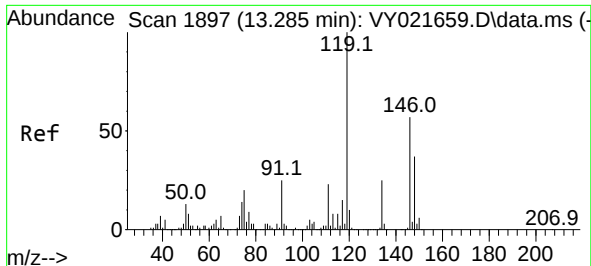
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 23.8 12.0 36.0

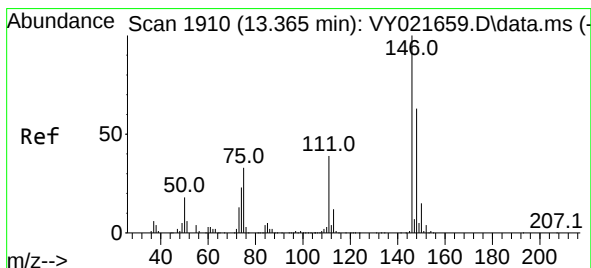
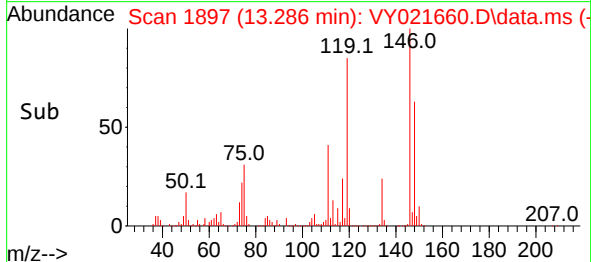
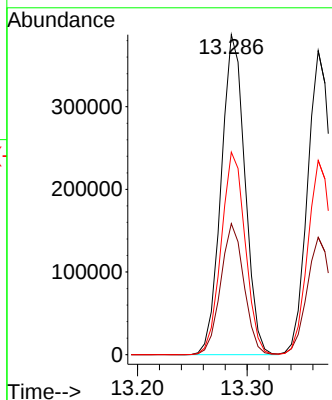
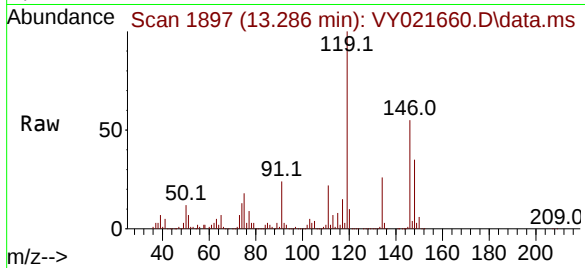




#87
 1,3-Dichlorobenzene
 Concen: 98.384 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021660.D
 Acq: 27 Mar 2025 11:39

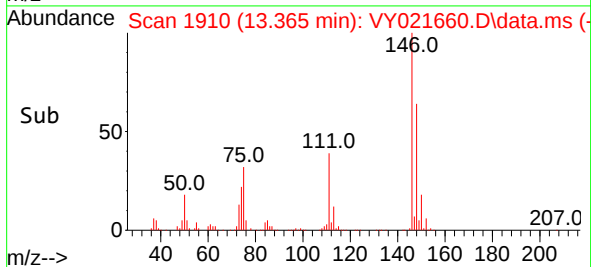
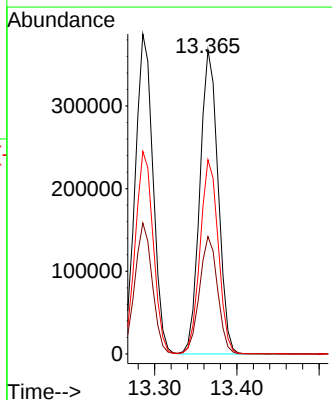
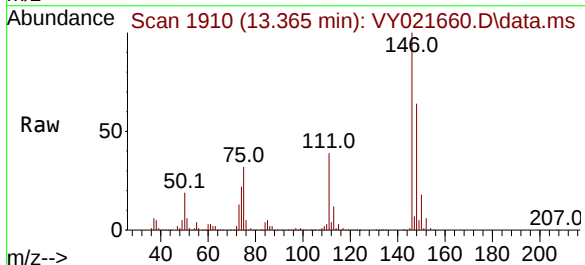
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion:146 Resp: 583838
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 60.0
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 96.416 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021660.D
 Acq: 27 Mar 2025 11:39

Tgt Ion:146 Resp: 565293
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.1
 148 63.8 31.5 94.5





#89

n-Butylbenzene

Concen: 104.828 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

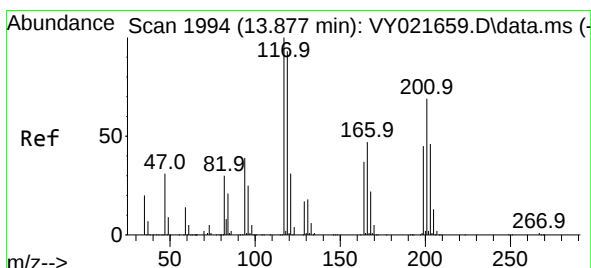
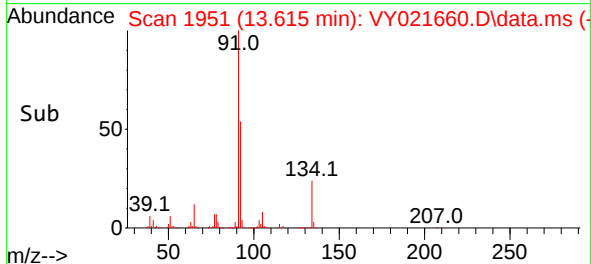
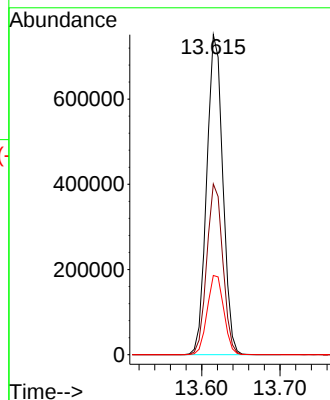
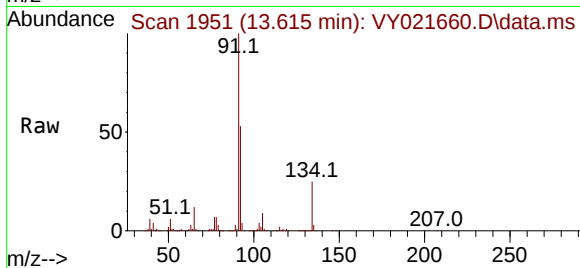
MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 1069356

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.4	79.2
134	25.6	12.8	38.4



#90

Hexachloroethane

Concen: 99.078 ug/l

RT: 13.877 min Scan# 1994

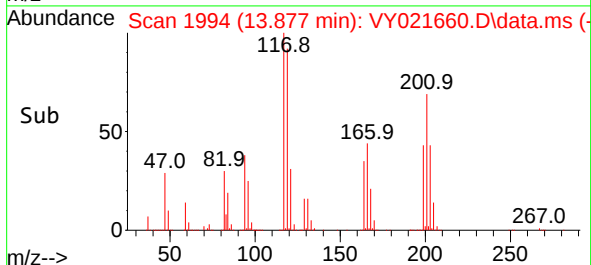
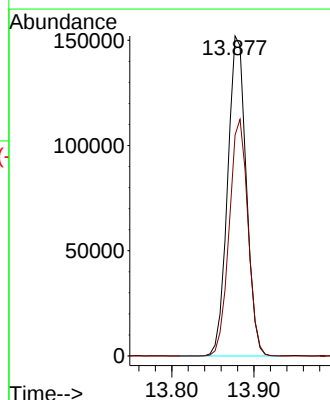
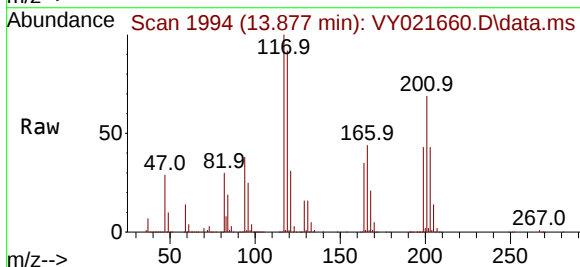
Delta R.T. 0.000 min

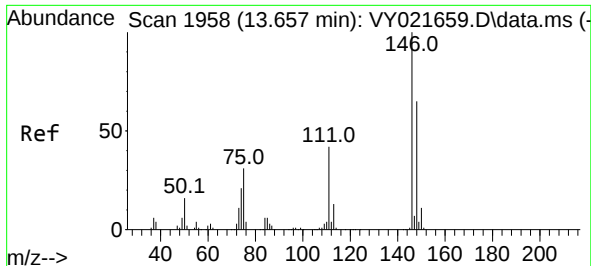
Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Tgt Ion: 117 Resp: 239487

Ion	Ratio	Lower	Upper
117	100		
201	74.5	37.4	112.1





#91

1,2-Dichlorobenzene

Concen: 97.186 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

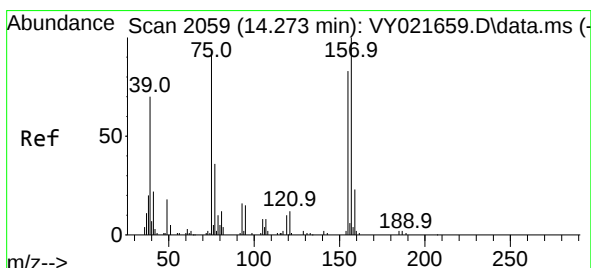
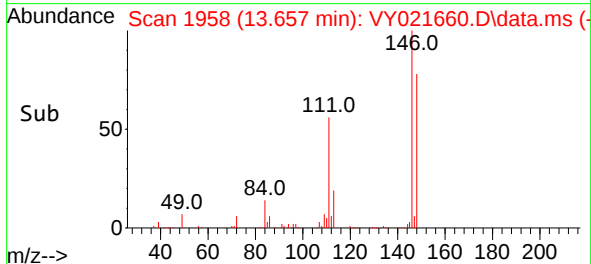
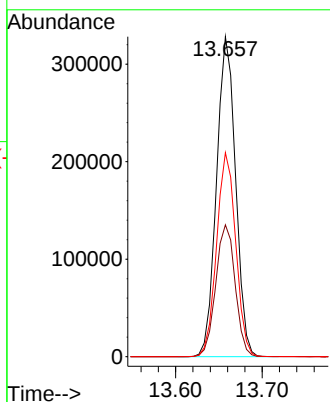
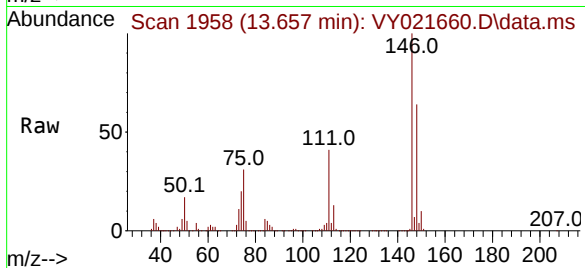
Tgt Ion:146 Resp: 502045

Ion Ratio Lower Upper

146 100

111 42.0 20.7 62.1

148 64.0 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 93.136 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

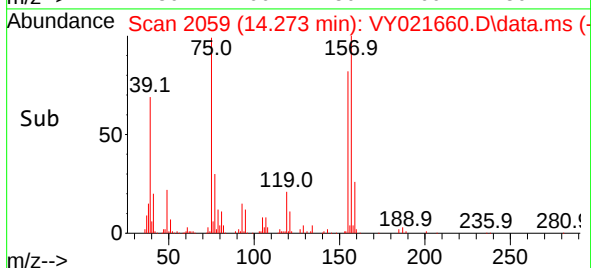
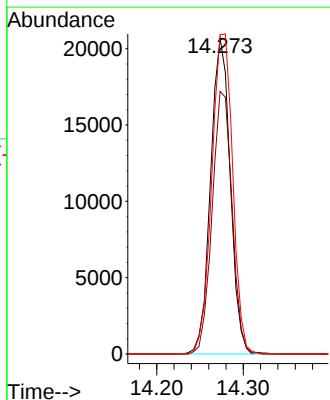
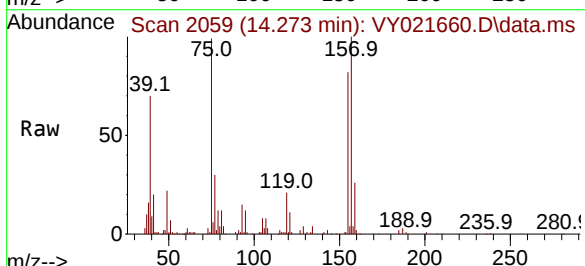
Tgt Ion: 75 Resp: 32558

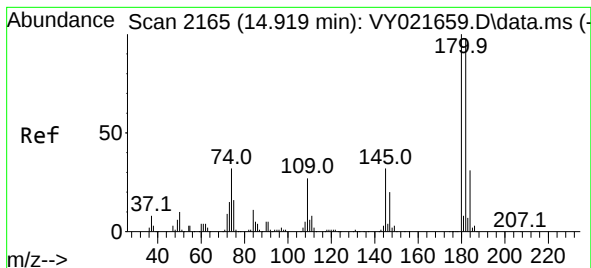
Ion Ratio Lower Upper

75 100

155 84.2 43.0 128.8

157 107.9 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 104.943 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

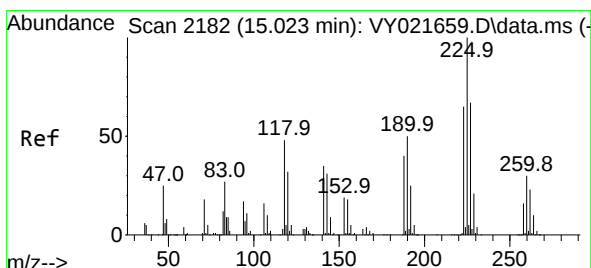
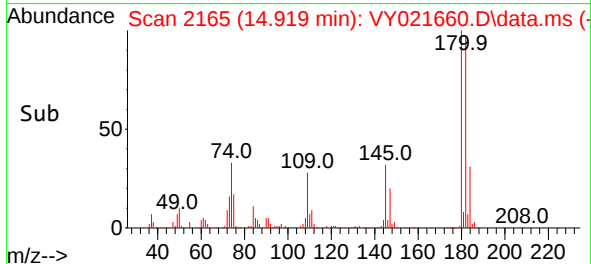
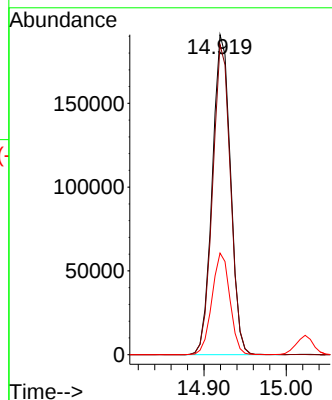
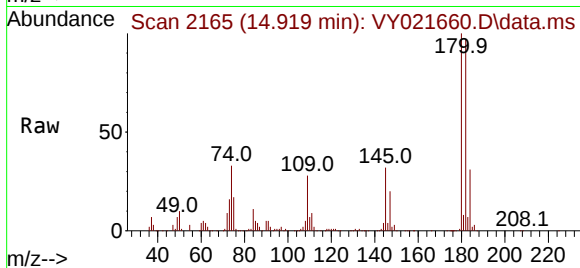
Tgt Ion:180 Resp: 293988

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.6

145 31.2 14.9 44.9



#94

Hexachlorobutadiene

Concen: 98.829 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

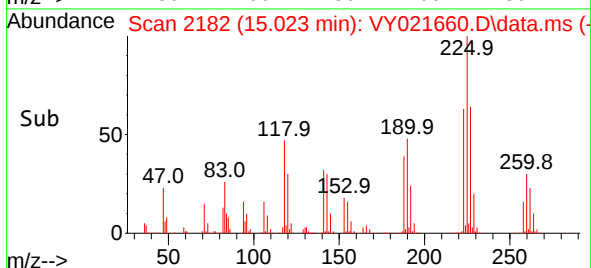
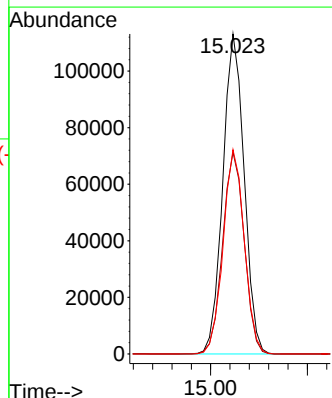
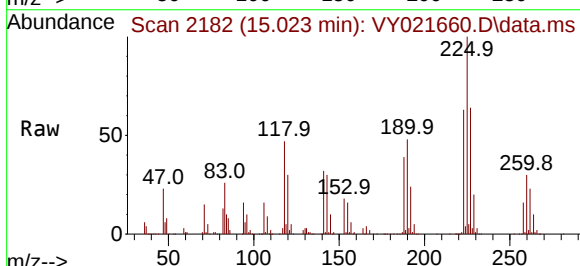
Tgt Ion:225 Resp: 172909

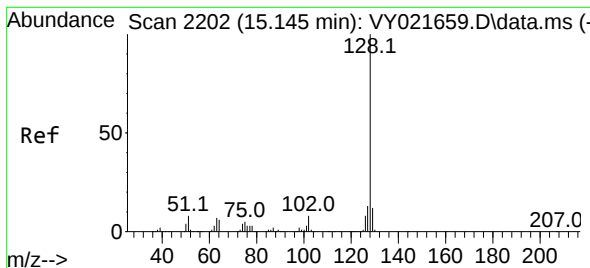
Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.7

227 63.5 32.4 97.0





#95

Naphthalene

Concen: 109.498 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

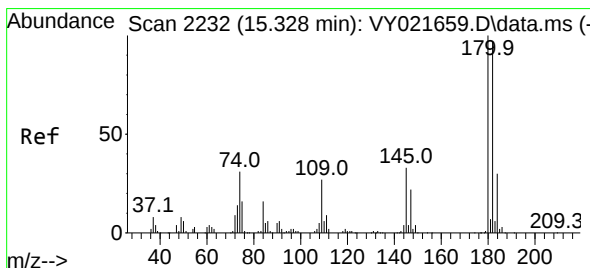
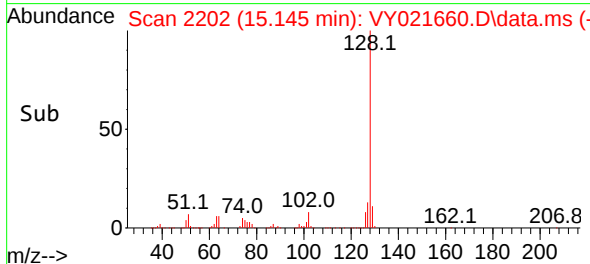
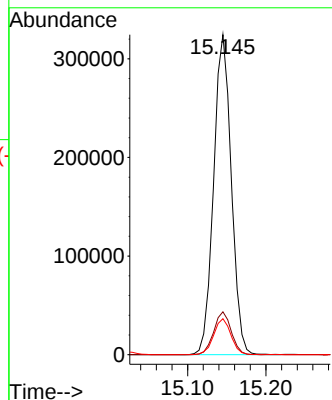
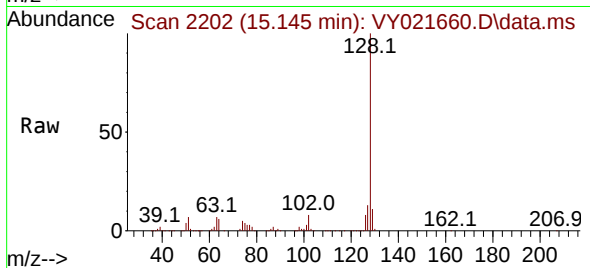
Tgt Ion:128 Resp: 508449

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 104.158 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Tgt Ion:180 Resp: 248821

Ion Ratio Lower Upper

180 100

182 94.2 47.5 142.5

145 32.1 15.9 47.7

