

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012425\
 Data File : VY020927.D
 Acq On : 24 Jan 2025 14:03
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Jan 25 00:46:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 00:43:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	260373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	380285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	323123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	154661	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	116198	55.973	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.940%	
35) Dibromofluoromethane	7.646	113	121777	55.780	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.560%	
50) Toluene-d8	10.115	98	476904	56.318	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.640%	
62) 4-Bromofluorobenzene	12.413	95	158312	56.174	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 112.340%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.873	85	99976	50.766	ug/l	100
3) Chloromethane	2.080	50	73241	50.003	ug/l	100
4) Vinyl Chloride	2.214	62	81414	50.999	ug/l	100
5) Bromomethane	2.610	94	51863	47.966	ug/l	100
6) Chloroethane	2.751	64	48223	51.489	ug/l	100
7) Trichlorofluoromethane	3.074	101	173154	51.051	ug/l	100
8) Diethyl Ether	3.464	74	53864	51.671	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.830	101	113519	50.724	ug/l	100
10) Methyl Iodide	4.019	142	141998	53.240	ug/l	100
11) Tert butyl alcohol	4.872	59	34546	215.565	ug/l	100
12) 1,1-Dichloroethene	3.805	96	106149	50.224	ug/l	100
13) Acrolein	3.665	56	59929	275.847	ug/l	100
14) Allyl chloride	4.403	41	151011	51.192	ug/l	100
15) Acrylonitrile	5.073	53	110385	269.385	ug/l	100
16) Acetone	3.885	43	74928	266.392	ug/l	100
17) Carbon Disulfide	4.122	76	332364	50.921	ug/l	100
18) Methyl Acetate	4.397	43	54236	53.378	ug/l	100
19) Methyl tert-butyl Ether	5.134	73	254333	51.955	ug/l	100
20) Methylene Chloride	4.634	84	105101	50.243	ug/l	100
21) trans-1,2-Dichloroethene	5.134	96	116008	50.909	ug/l	100
22) Diisopropyl ether	6.037	45	309202	52.110	ug/l	100
23) Vinyl Acetate	5.976	43	884051	269.205	ug/l	100
24) 1,1-Dichloroethane	5.933	63	192614	51.209	ug/l	100
25) 2-Butanone	6.908	43	126367	265.225	ug/l	100
26) 2,2-Dichloropropane	6.902	77	182433	49.242	ug/l	100
27) cis-1,2-Dichloroethene	6.908	96	130529	50.755	ug/l	100
28) Bromochloromethane	7.262	49	77526	51.213	ug/l	100
29) Tetrahydrofuran	7.274	42	86947	273.818	ug/l	100
30) Chloroform	7.439	83	202326	50.824	ug/l	100
31) Cyclohexane	7.713	56	177176	47.927	ug/l	100
32) 1,1,1-Trichloroethane	7.634	97	196472	50.881	ug/l	100
36) 1,1-Dichloropropene	7.847	75	156517	51.349	ug/l	100
37) Ethyl Acetate	7.000	43	62290	52.672	ug/l	100
38) Carbon Tetrachloride	7.829	117	187340	50.965	ug/l	100
39) Methylcyclohexane	9.121	83	212455	51.485	ug/l	100
40) Benzene	8.091	78	457148	51.122	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	34901	55.867	ug/l	100
42) 1,2-Dichloroethane	8.170	62	115831	52.057	ug/l	100
43) Isopropyl Acetate	8.207	43	121114	54.008	ug/l	100
44) Trichloroethene	8.878	130	122503	50.426	ug/l	100
45) 1,2-Dichloropropane	9.152	63	101972	51.660	ug/l	100
46) Dibromomethane	9.243	93	59402	52.935	ug/l	100
47) Bromodichloromethane	9.432	83	154264	51.665	ug/l	100
48) Methyl methacrylate	9.231	41	56489	53.400	ug/l	100
49) 1,4-Dioxane	9.237	88	12806	1108.338	ug/l	100
51) 4-Methyl-2-Pentanone	10.005	43	308643	272.957	ug/l	100
52) Toluene	10.182	92	296074	51.481	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	143953	52.581	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	169737	51.923	ug/l	100
55) 1,1,2-Trichloroethane	10.585	97	78640	51.844	ug/l	100
56) Ethyl methacrylate	10.450	69	108592	54.625	ug/l	100
57) 1,3-Dichloropropane	10.725	76	134252	52.099	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	237122	262.808	ug/l	100
59) 2-Hexanone	10.767	43	202107	277.962	ug/l	100
60) Dibromochloromethane	10.920	129	110167	51.604	ug/l	100
61) 1,2-Dibromoethane	11.023	107	75786	52.236	ug/l	100
64) Tetrachloroethene	10.658	164	113672	50.551	ug/l	100
65) Chlorobenzene	11.450	112	320506	50.723	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.523	131	114751	51.106	ug/l	100
67) Ethyl Benzene	11.529	91	569041	51.610	ug/l	100
68) m/p-Xylenes	11.639	106	435667	103.192	ug/l	100
69) o-Xylene	11.962	106	204123	51.760	ug/l	100
70) Styrene	11.981	104	340665	52.709	ug/l	100
71) Bromoform	12.139	173	67211	52.862	ug/l #	100
73) Isopropylbenzene	12.267	105	550837	51.713	ug/l	100
74) N-amyl acetate	12.078	43	104331	55.044	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.517	83	88149	53.188	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	113948	104.204	ug/l #	100
77) Bromobenzene	12.541	156	128502	51.465	ug/l	100
78) n-propylbenzene	12.602	91	647351	52.174	ug/l	100
79) 2-Chlorotoluene	12.688	91	359489	51.084	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	442823	51.738	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.316	75	30765	54.355	ug/l	100
82) 4-Chlorotoluene	12.785	91	370813	51.602	ug/l	100
83) tert-Butylbenzene	13.011	119	417004	52.822	ug/l	100
84) 1,2,4-Trimethylbenzene	13.054	105	437648	51.941	ug/l	100
85) sec-Butylbenzene	13.188	105	579136	51.453	ug/l	100
86) p-Isopropyltoluene	13.304	119	493959	51.945	ug/l	100
87) 1,3-Dichlorobenzene	13.297	146	245598	51.366	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	240422	51.189	ug/l	100
89) n-Butylbenzene	13.627	91	440634	52.532	ug/l	100
90) Hexachloroethane	13.889	117	96557	51.115	ug/l	100
91) 1,2-Dichlorobenzene	13.669	146	214385	51.753	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	13070	52.496	ug/l	100
93) 1,2,4-Trichlorobenzene	14.931	180	129845	52.105	ug/l	100
94) Hexachlorobutadiene	15.035	225	86640	50.816	ug/l	100
95) Naphthalene	15.157	128	216001	54.053	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	108849	51.991	ug/l	100

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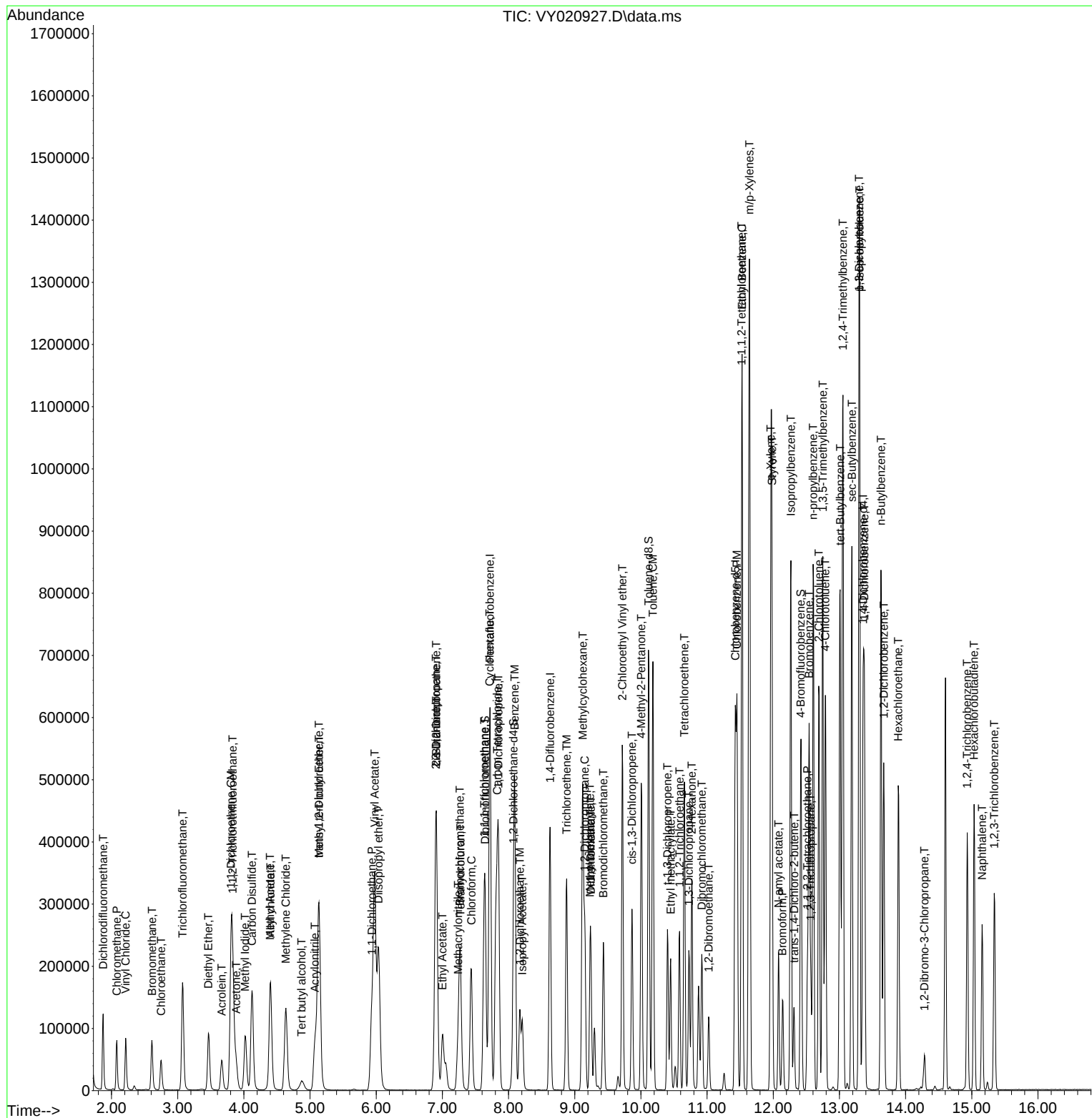
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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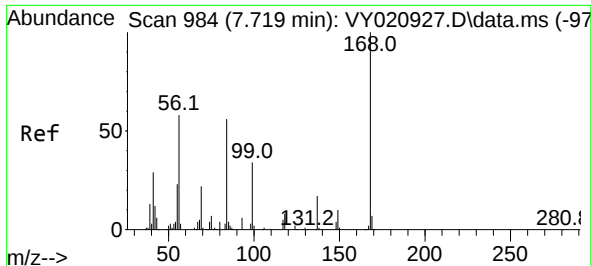
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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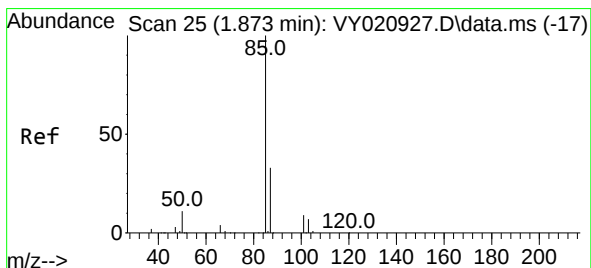
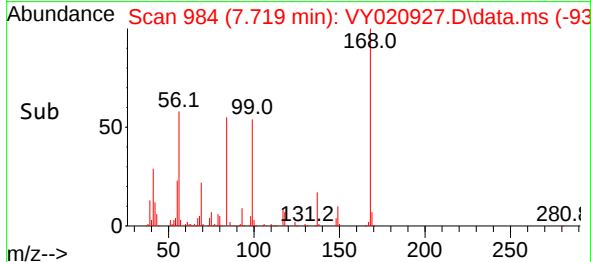
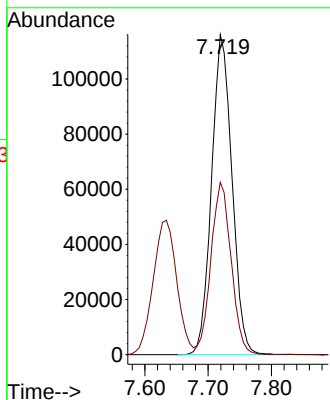
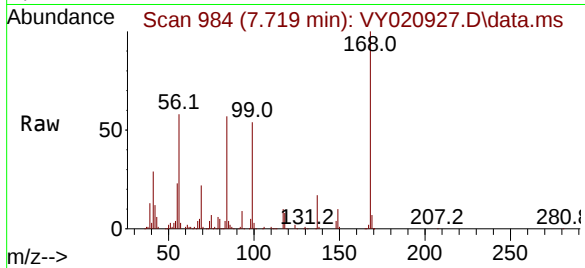




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY020927.D
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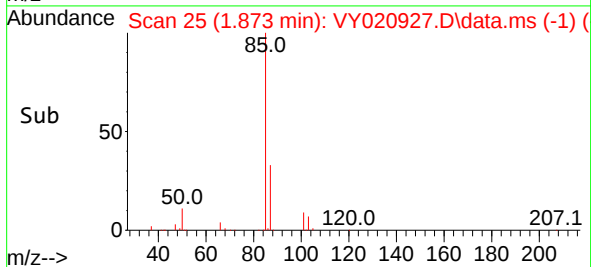
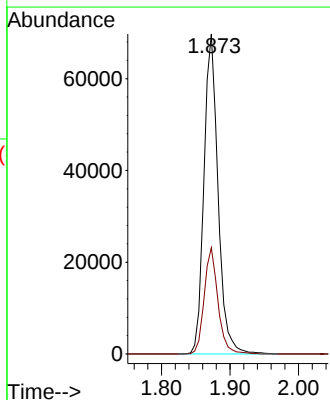
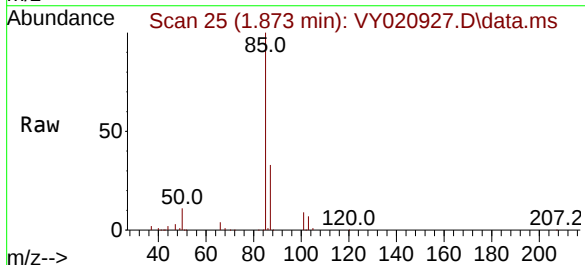
Instrument :
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ClientSampleId :
VSTDICCC050

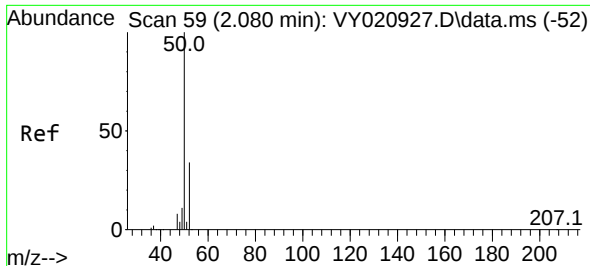
Tgt Ion:168 Resp: 260373
Ion Ratio Lower Upper
168 100
99 53.8 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 50.766 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

Tgt Ion: 85 Resp: 99976
Ion Ratio Lower Upper
85 100
87 33.2 16.6 49.8

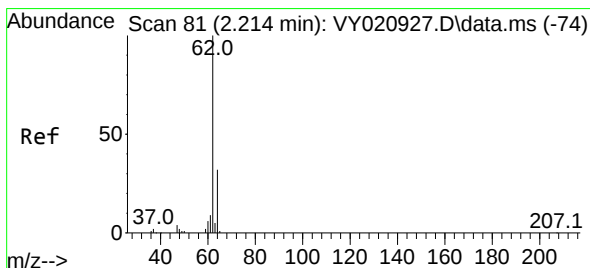
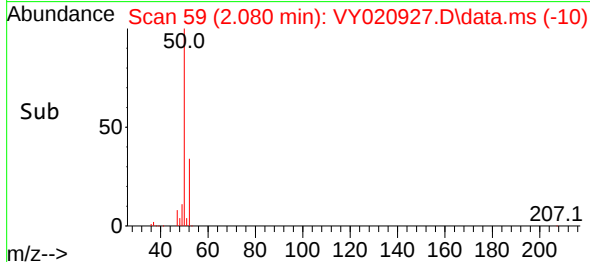
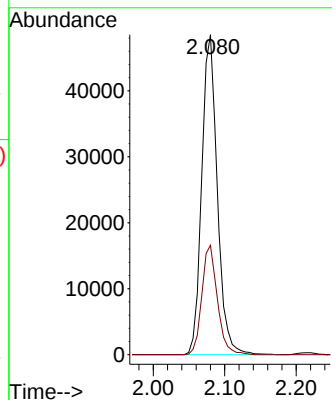
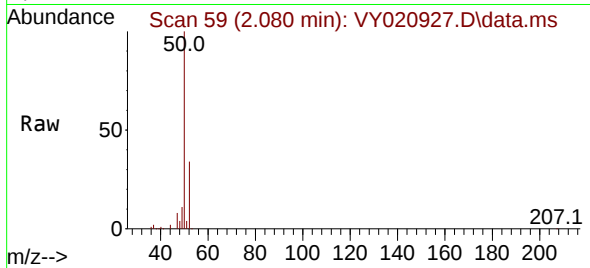




#3
Chloromethane
Concen: 50.003 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.000 min
Lab File: VY020927.D
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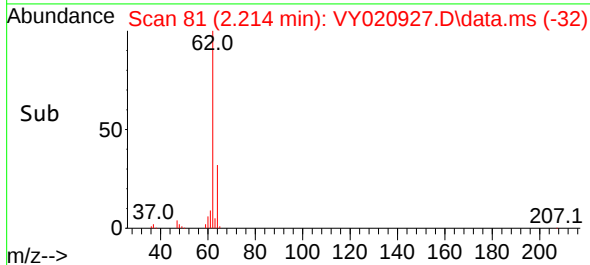
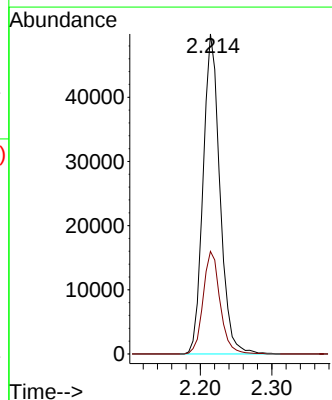
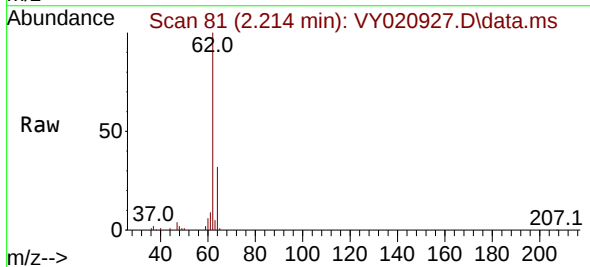
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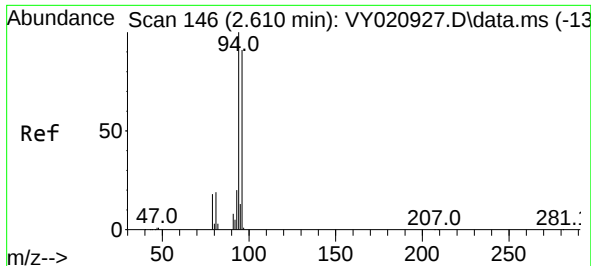
Tgt Ion: 50 Resp: 73241
Ion Ratio Lower Upper
50 100
52 34.2 27.4 41.0



#4
Vinyl Chloride
Concen: 50.999 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020927.D
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Tgt Ion: 62 Resp: 81414
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5

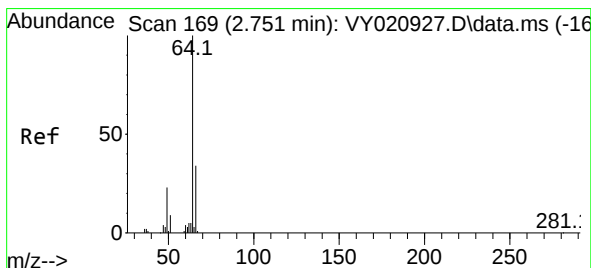
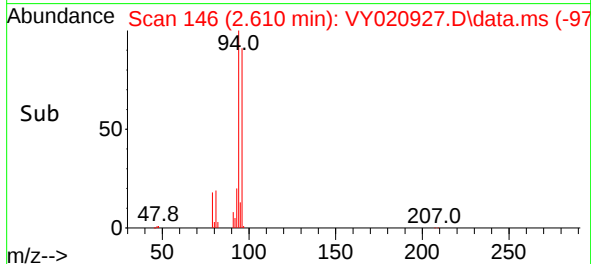
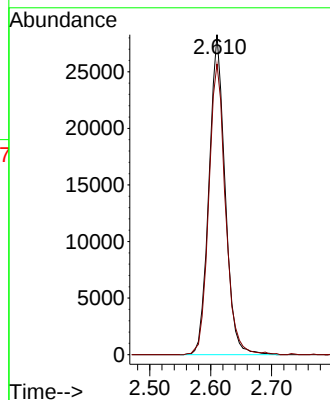
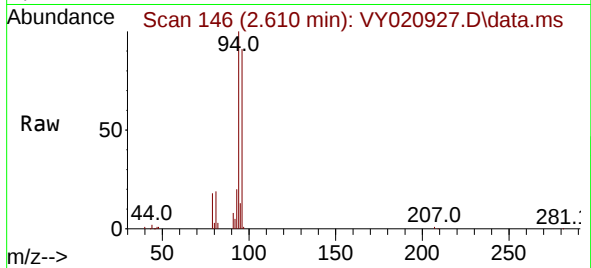




#5
Bromomethane
Concen: 47.966 ug/l
RT: 2.610 min Scan# 146
Delta R.T. 0.000 min
Lab File: VY020927.D
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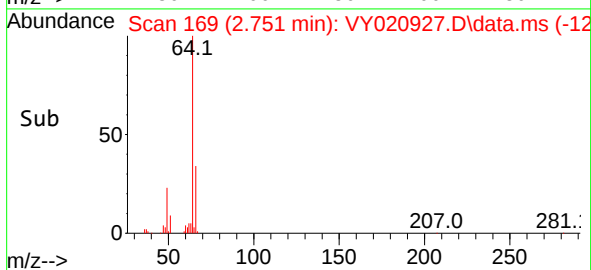
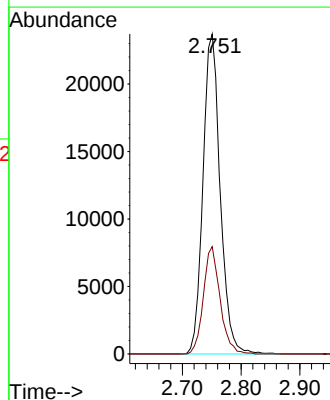
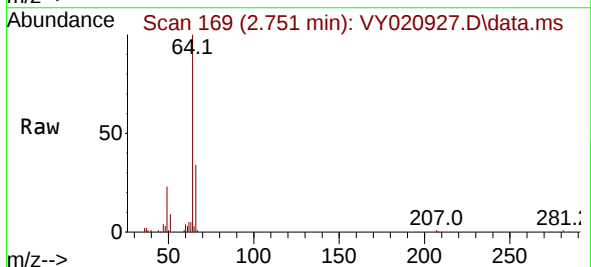
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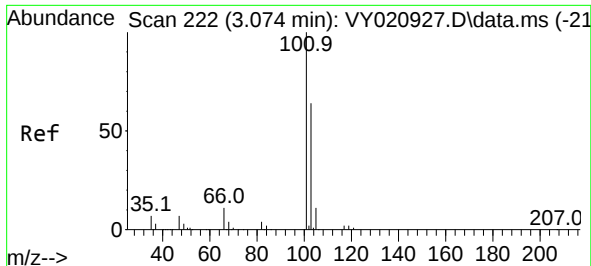
Tgt Ion: 94 Resp: 51863
Ion Ratio Lower Upper
94 100
96 90.8 72.6 109.0



#6
Chloroethane
Concen: 51.489 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.000 min
Lab File: VY020927.D
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Tgt Ion: 64 Resp: 48223
Ion Ratio Lower Upper
64 100
66 33.6 26.9 40.3

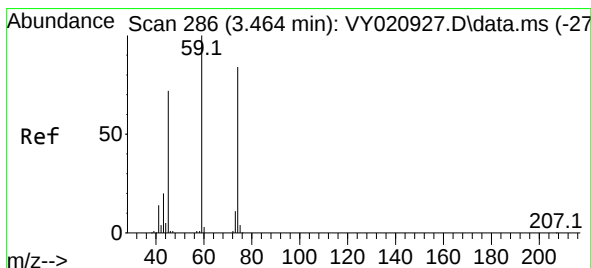
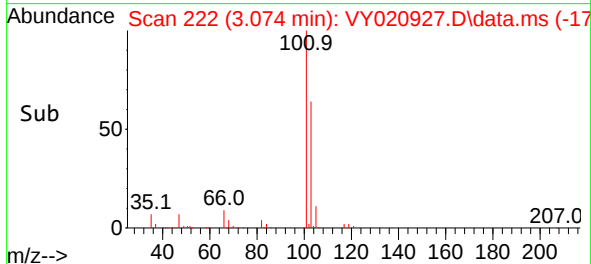
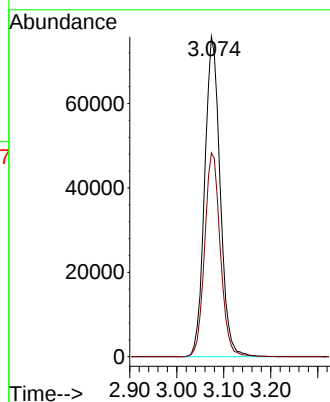
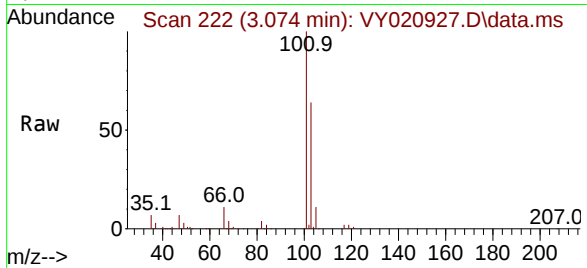




#7
 Trichlorofluoromethane
 Concen: 51.051 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY020927.D
 Acq: 24 Jan 2025 14:03

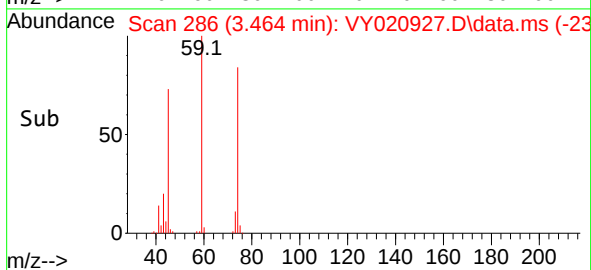
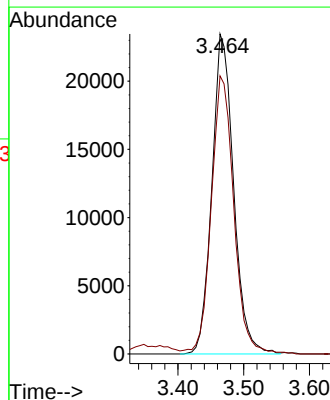
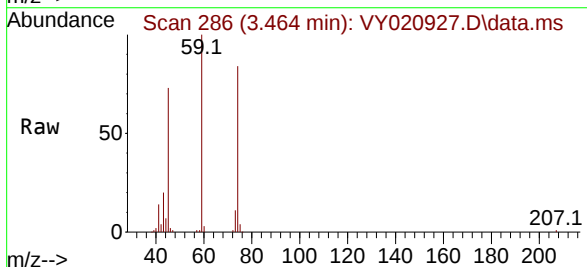
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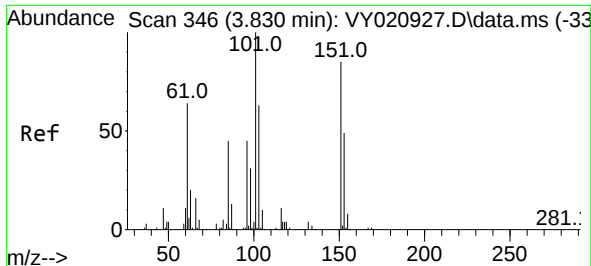
Tgt Ion:101 Resp: 173154
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.0 76.4



#8
 Diethyl Ether
 Concen: 51.671 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 53864
 Ion Ratio Lower Upper
 74 100
 45 90.1 45.1 135.2

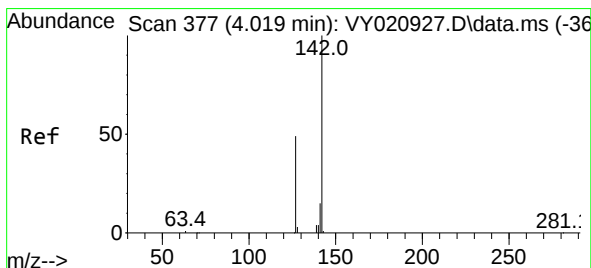
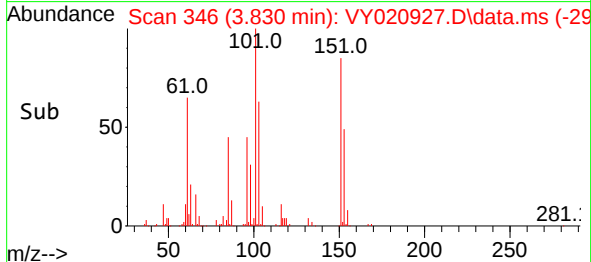
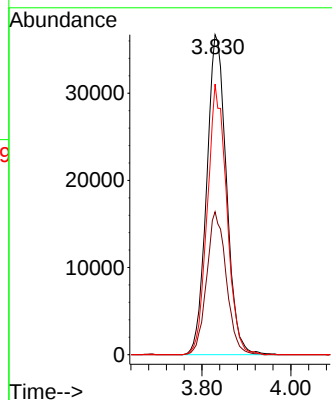
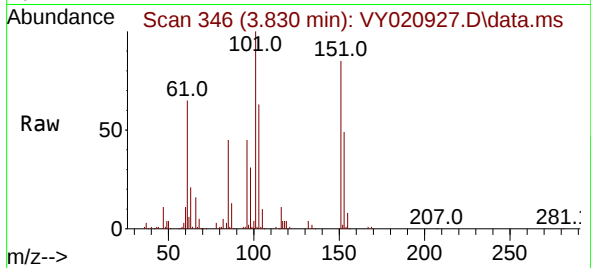




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.724 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

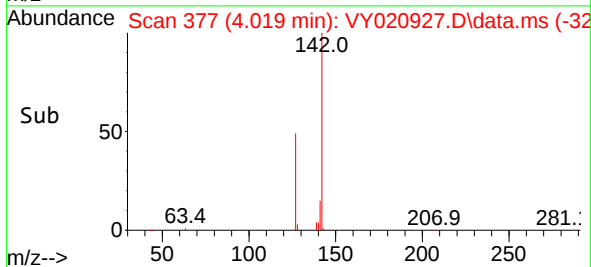
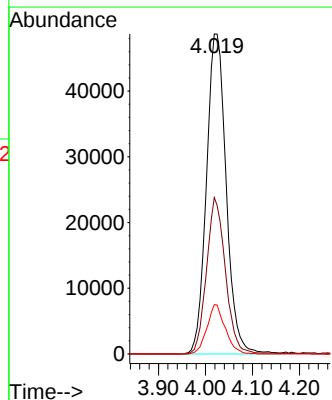
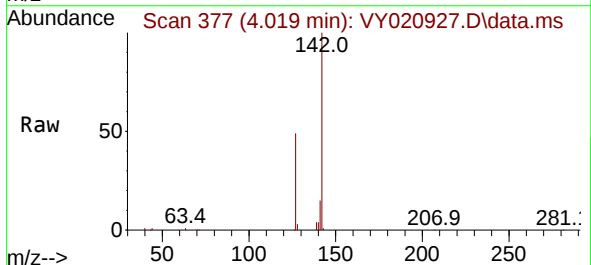
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

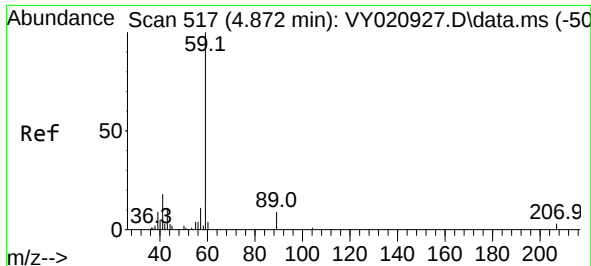
Tgt Ion:101 Resp: 113519
Ion Ratio Lower Upper
101 100
85 44.3 35.4 53.2
151 82.9 66.3 99.5



#10
Methyl Iodide
Concen: 53.240 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

Tgt Ion:142 Resp: 141998
Ion Ratio Lower Upper
142 100
127 46.6 37.3 55.9
141 14.3 11.4 17.2

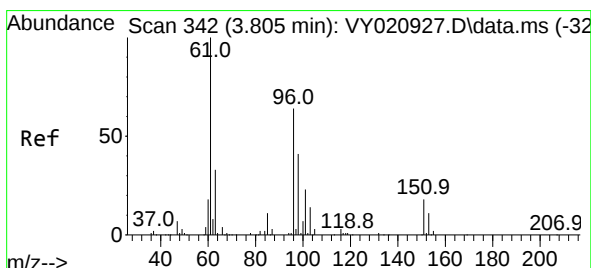
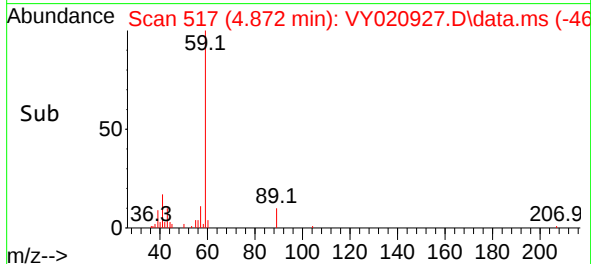
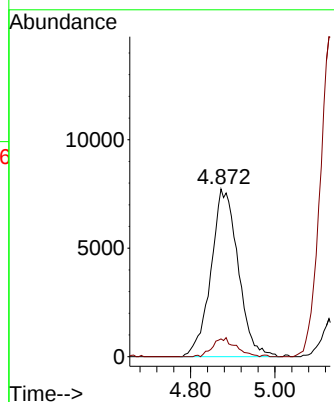
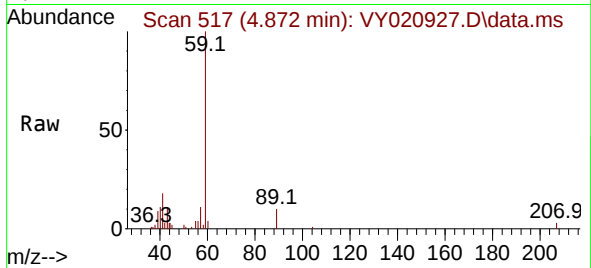




#11
Tert butyl alcohol
Concen: 215.565 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

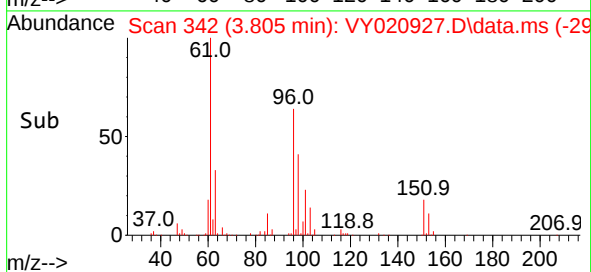
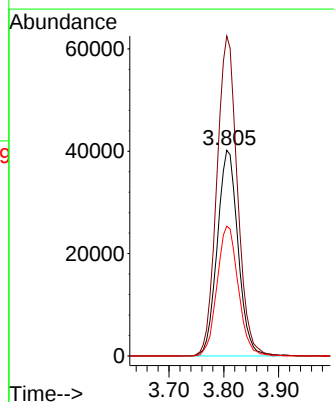
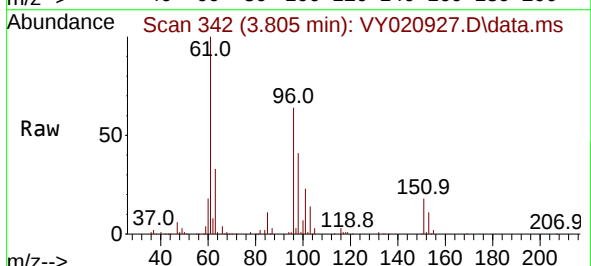
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

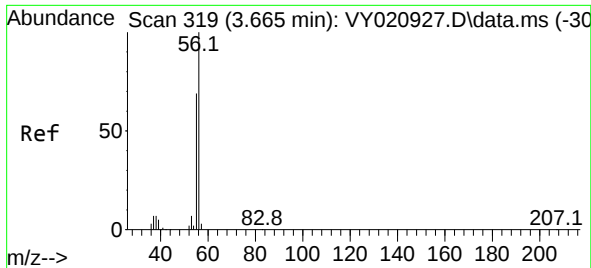
Tgt Ion: 59 Resp: 34546
Ion Ratio Lower Upper
59 100
57 9.6 7.7 11.5



#12
1,1-Dichloroethene
Concen: 50.224 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

Tgt Ion: 96 Resp: 106149
Ion Ratio Lower Upper
96 100
61 155.6 124.5 186.7
98 63.1 50.5 75.7

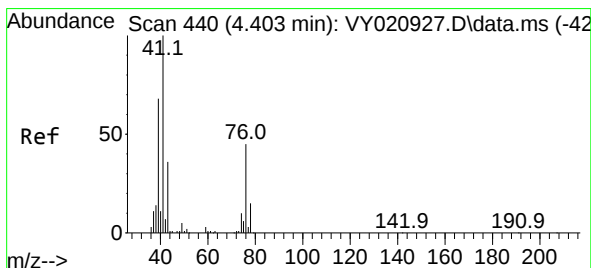
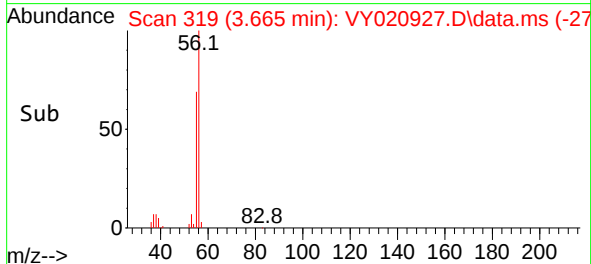
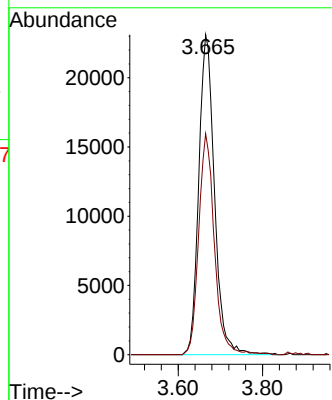
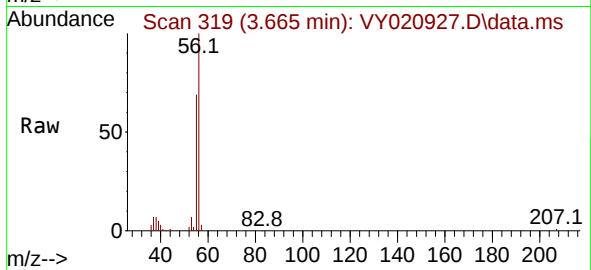




#13
Acrolein
Concen: 275.847 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

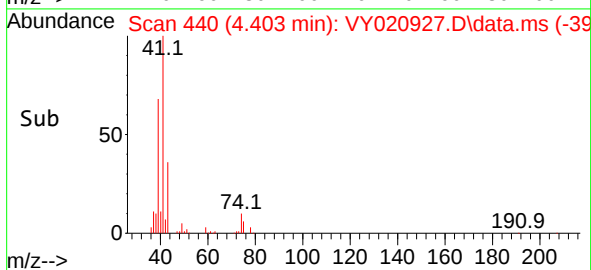
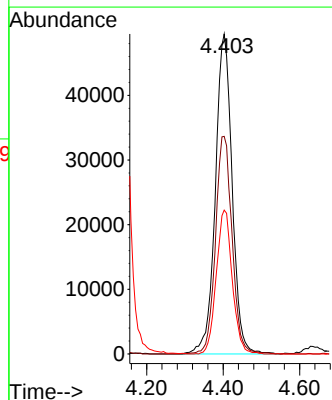
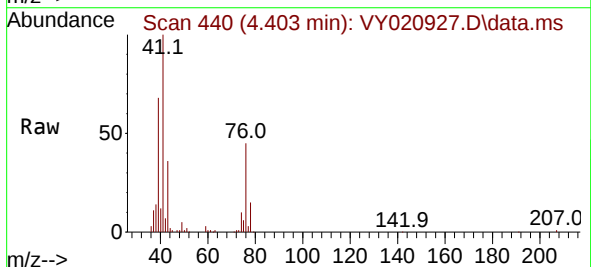
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

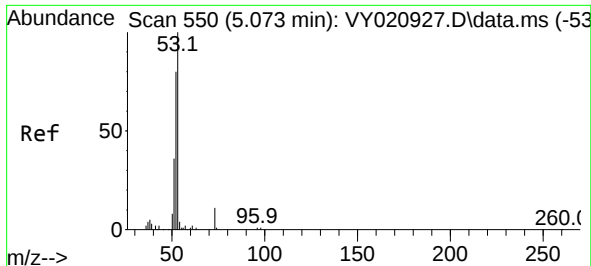
Tgt Ion: 56 Resp: 59929
Ion Ratio Lower Upper
56 100
55 68.2 54.6 81.8



#14
Allyl chloride
Concen: 51.192 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

Tgt Ion: 41 Resp: 151011
Ion Ratio Lower Upper
41 100
39 67.2 53.8 80.6
76 42.8 34.2 51.4

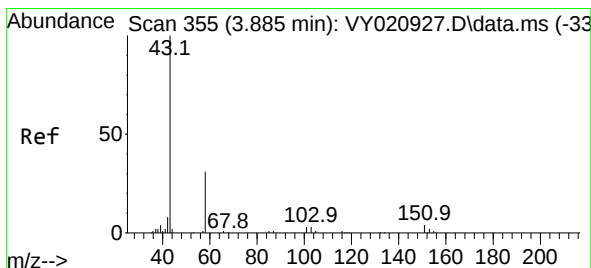
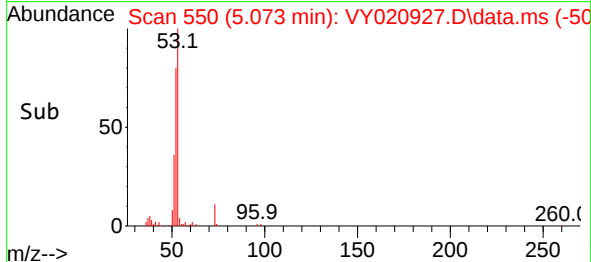
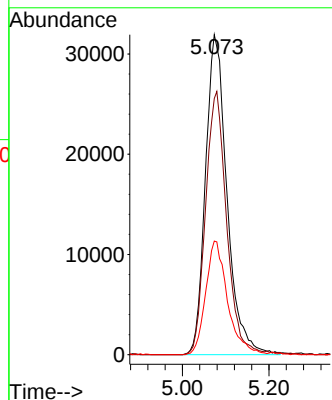
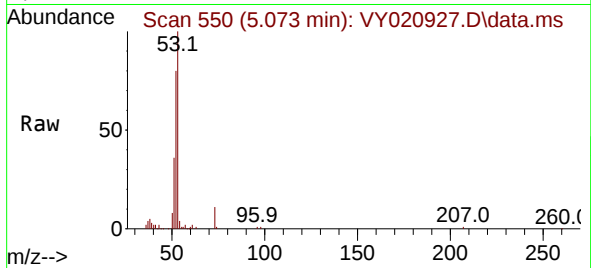




#15
Acrylonitrile
Concen: 269.385 ug/l
RT: 5.073 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

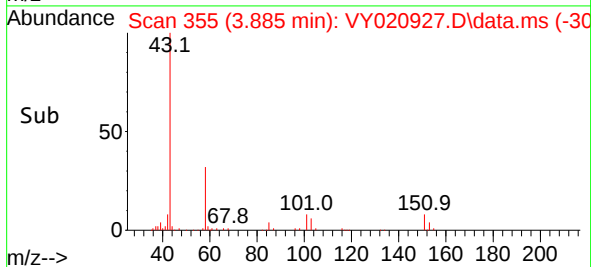
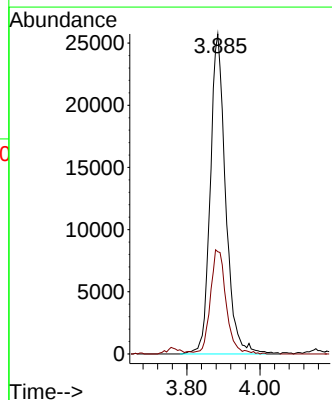
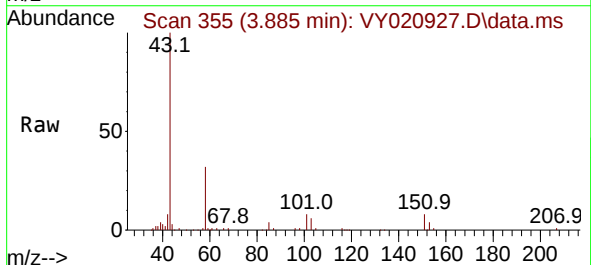
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

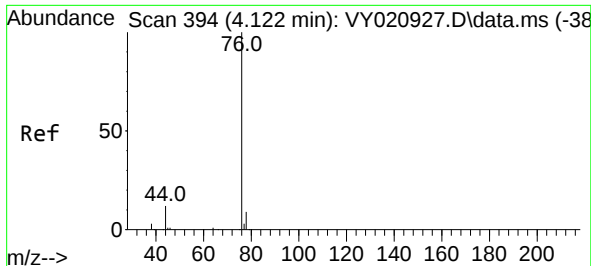
Tgt Ion: 53 Resp: 110385
Ion Ratio Lower Upper
53 100
52 80.6 64.5 96.7
51 36.1 28.9 43.3



#16
Acetone
Concen: 266.392 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

Tgt Ion: 43 Resp: 74928
Ion Ratio Lower Upper
43 100
58 32.0 25.6 38.4

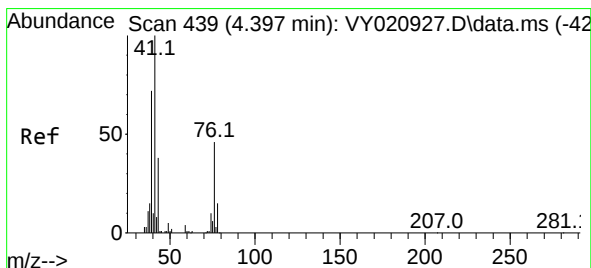
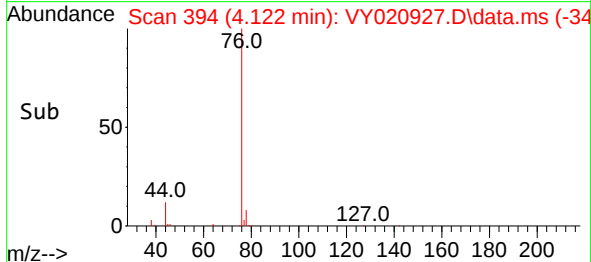
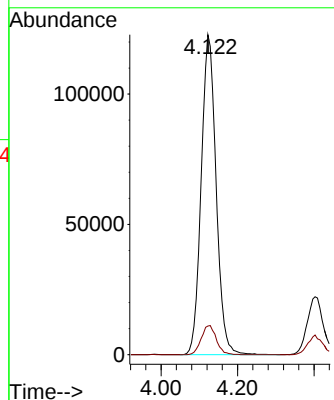
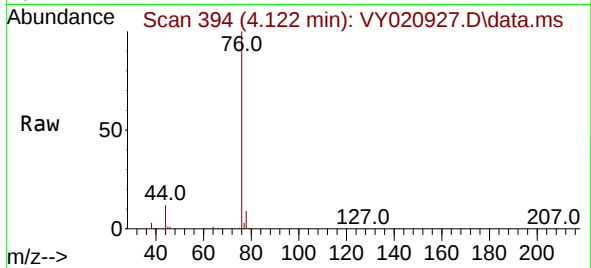




#17
Carbon Disulfide
Concen: 50.921 ug/l
RT: 4.122 min Scan# 394
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

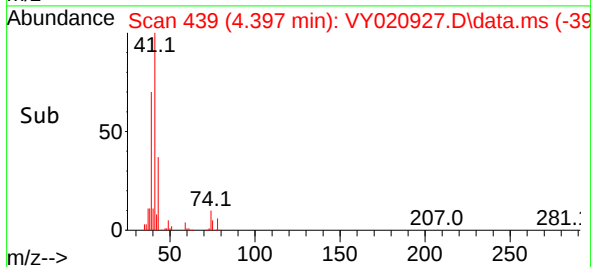
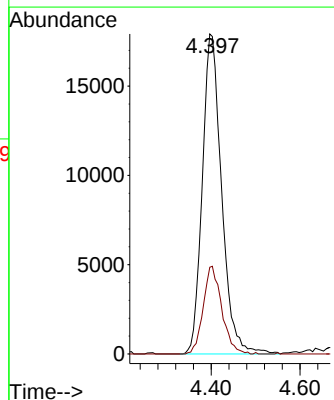
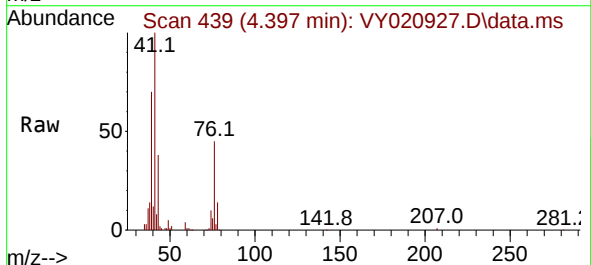
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

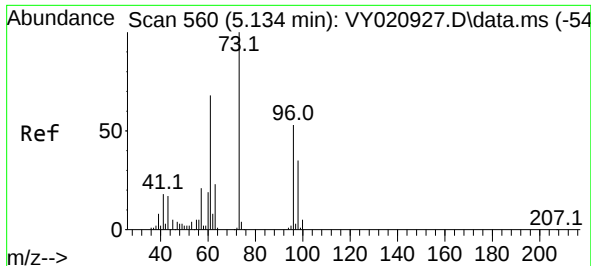
Tgt Ion: 76 Resp: 332364
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 53.378 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

Tgt Ion: 43 Resp: 54236
Ion Ratio Lower Upper
43 100
74 26.3 21.0 31.6

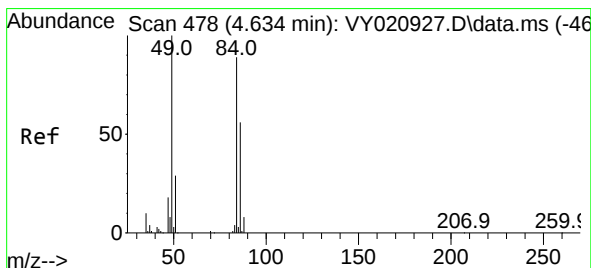
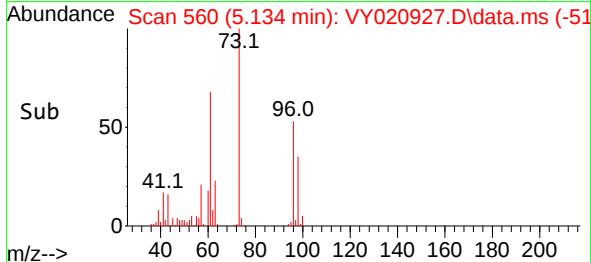
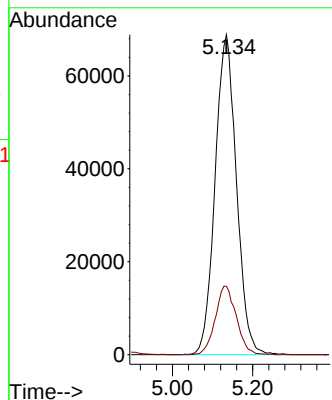
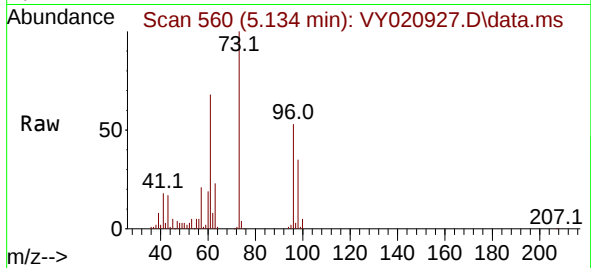




#19
Methyl tert-butyl Ether
Concen: 51.955 ug/l
RT: 5.134 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

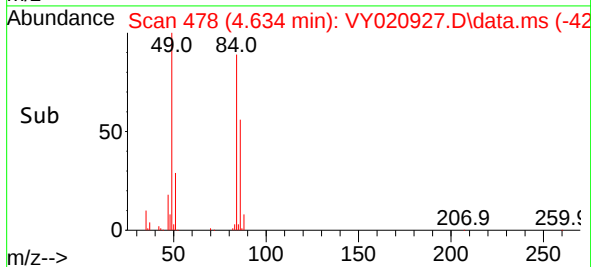
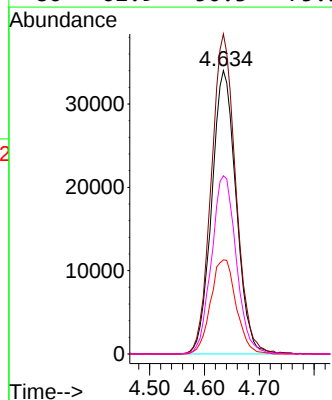
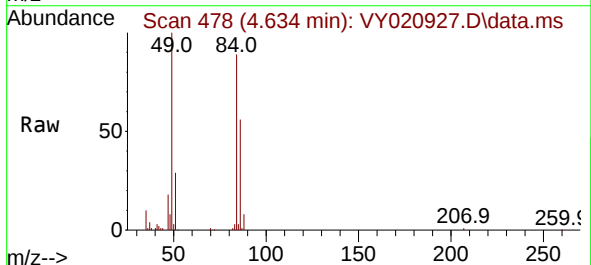
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

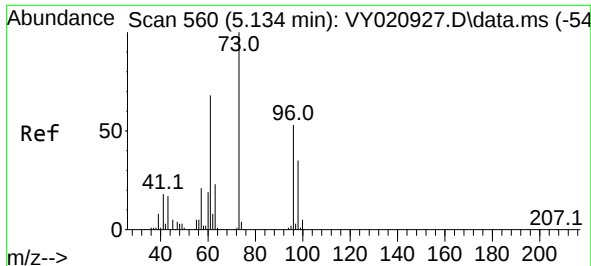
Tgt Ion: 73 Resp: 254333
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6



#20
Methylene Chloride
Concen: 50.243 ug/l
RT: 4.634 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

Tgt Ion: 84 Resp: 105101
Ion Ratio Lower Upper
84 100
49 112.9 90.3 135.5
51 33.2 26.6 39.8
86 62.9 50.3 75.5

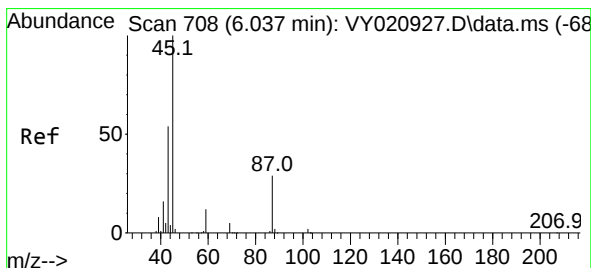
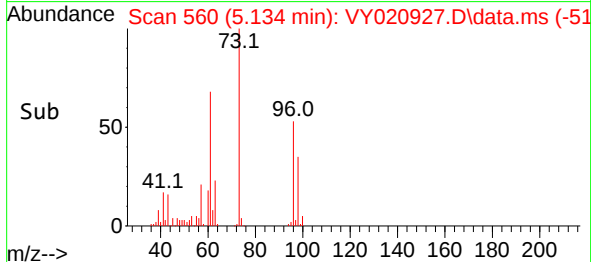
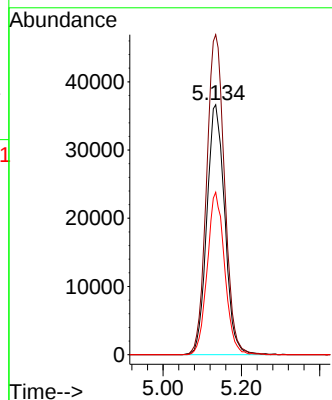
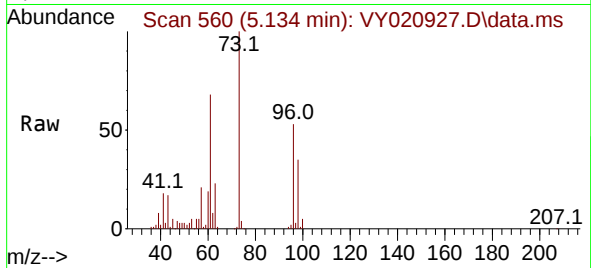




#21
trans-1,2-Dichloroethene
Concen: 50.909 ug/l
RT: 5.134 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

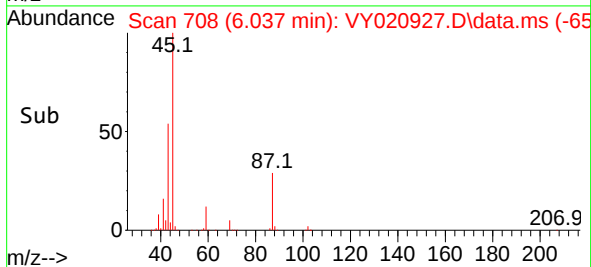
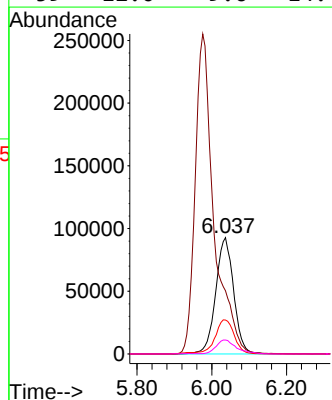
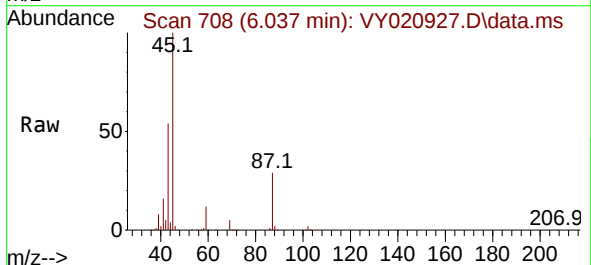
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

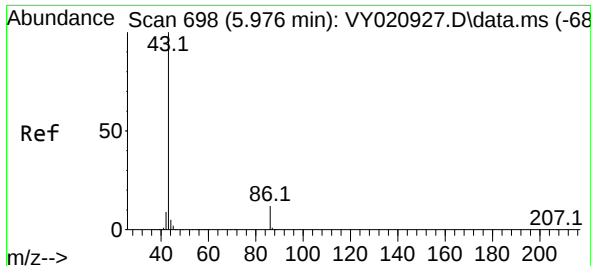
Tgt Ion: 96 Resp: 116008
Ion Ratio Lower Upper
96 100
61 128.0 102.4 153.6
98 65.0 52.0 78.0



#22
Diisopropyl ether
Concen: 52.110 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

Tgt Ion: 45 Resp: 309202
Ion Ratio Lower Upper
45 100
43 54.0 43.2 64.8
87 29.2 23.4 35.0
59 12.0 9.6 14.4

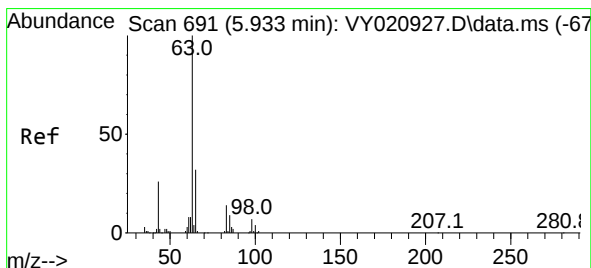
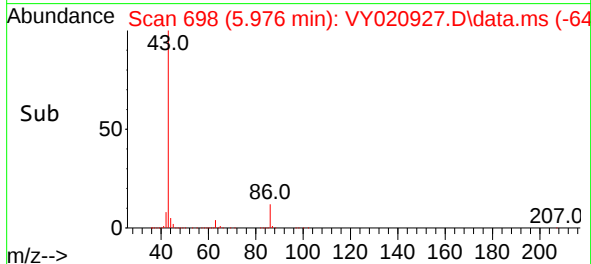
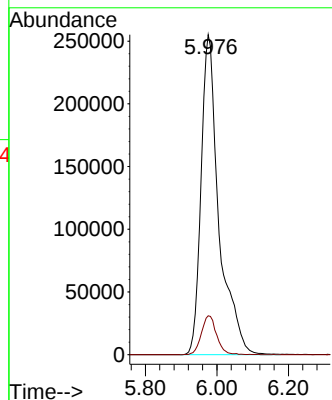
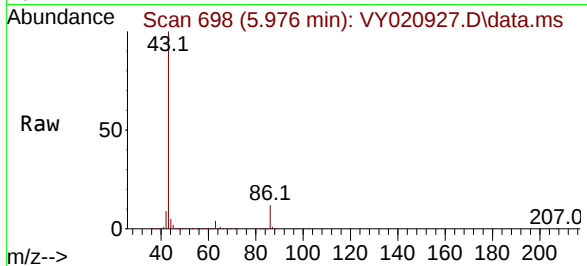




#23
 Vinyl Acetate
 Concen: 269.205 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY020927.D
 Acq: 24 Jan 2025 14:03

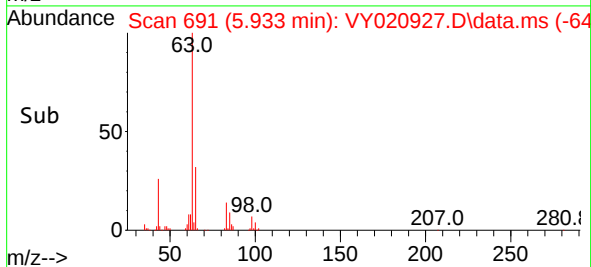
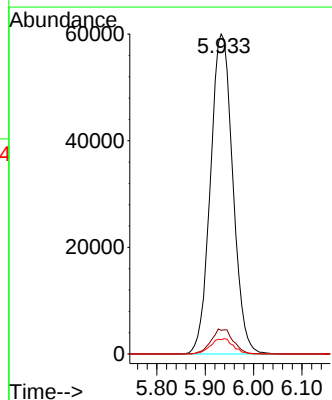
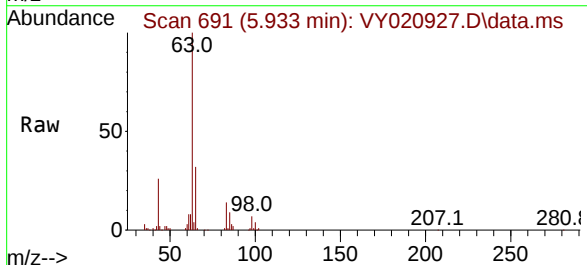
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

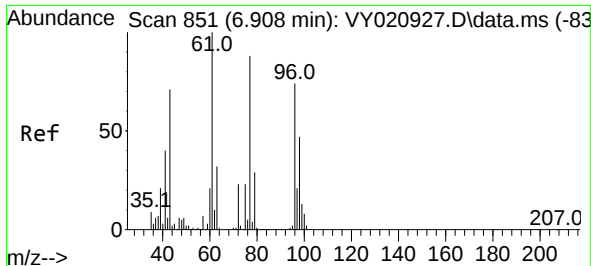
Tgt Ion: 43 Resp: 884051
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 51.209 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY020927.D
 Acq: 24 Jan 2025 14:03

Tgt Ion: 63 Resp: 192614
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 265.225 ug/l

RT: 6.908 min Scan# 851

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

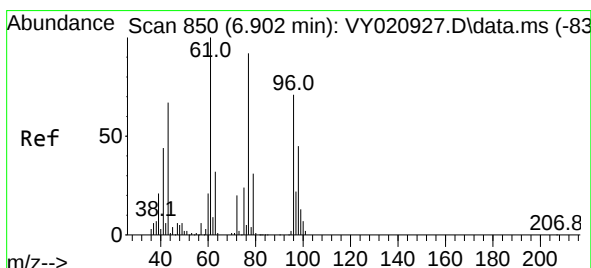
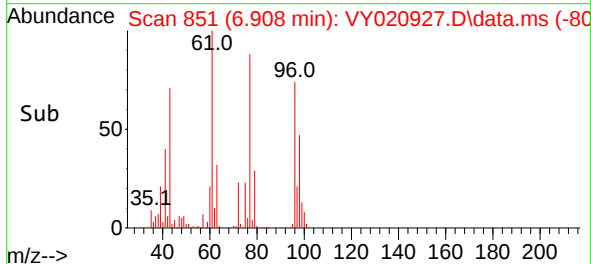
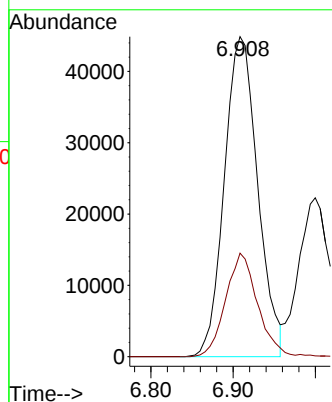
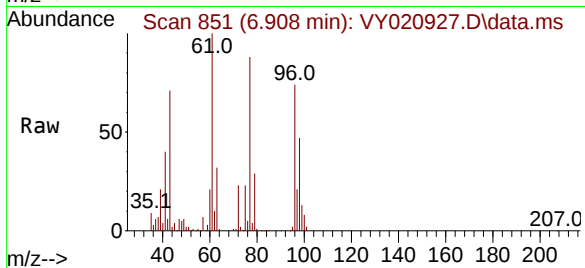
VSTDICCC050

Tgt Ion: 43 Resp: 126367

Ion Ratio Lower Upper

43 100

72 32.3 25.8 38.8



#26

2,2-Dichloropropane

Concen: 49.242 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY020927.D

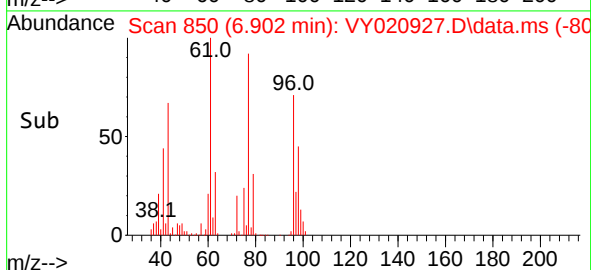
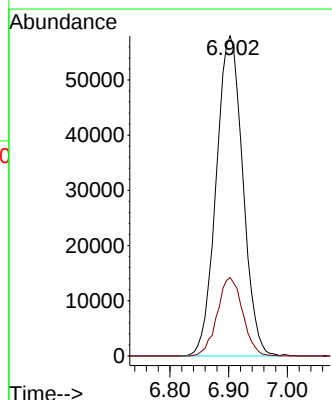
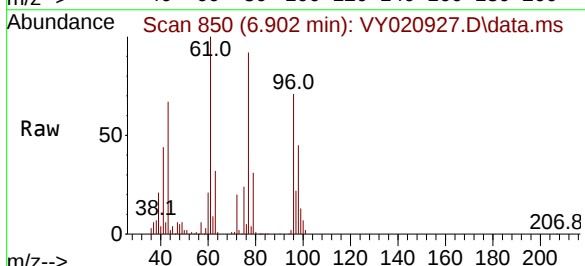
Acq: 24 Jan 2025 14:03

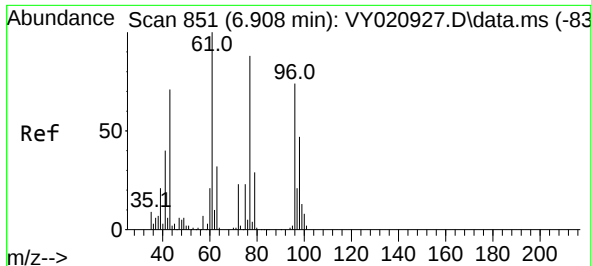
Tgt Ion: 77 Resp: 182433

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 50.755 ug/l

RT: 6.908 min Scan# 851

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

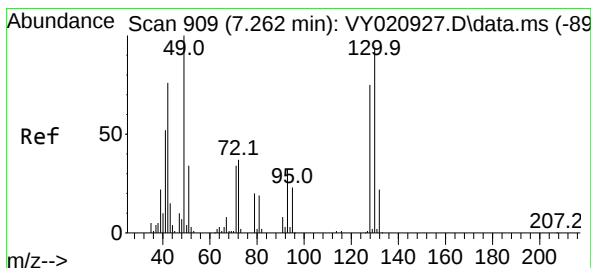
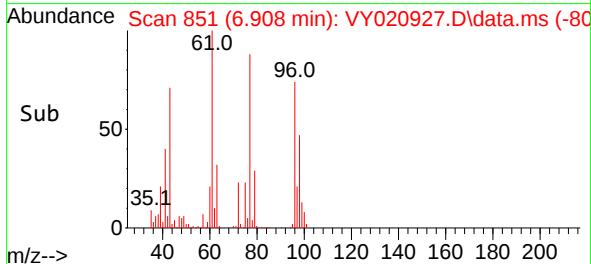
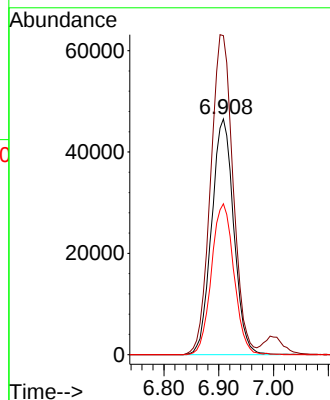
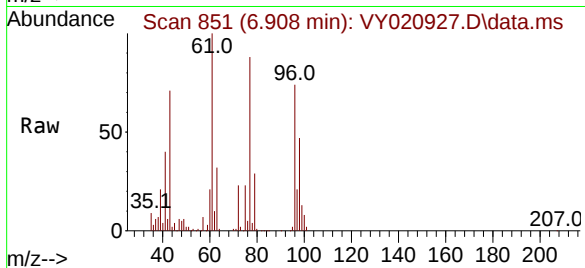
Tgt Ion: 96 Resp: 130529

Ion Ratio Lower Upper

96 100

61 137.6 0.0 275.2

98 64.8 0.0 129.6



#28

Bromochloromethane

Concen: 51.213 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

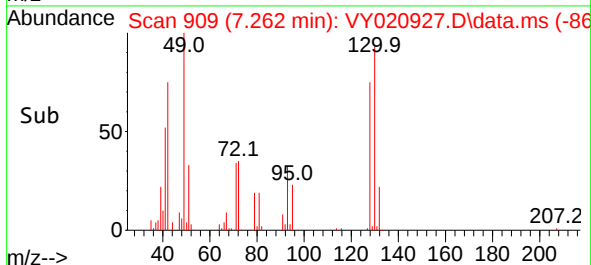
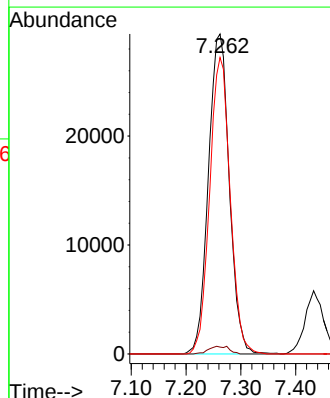
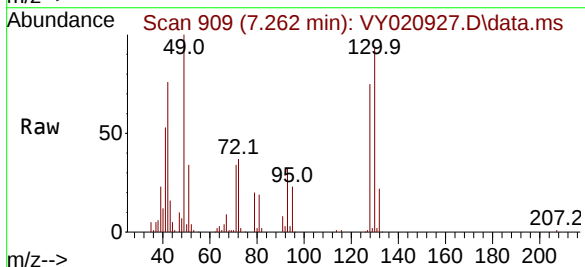
Tgt Ion: 49 Resp: 77526

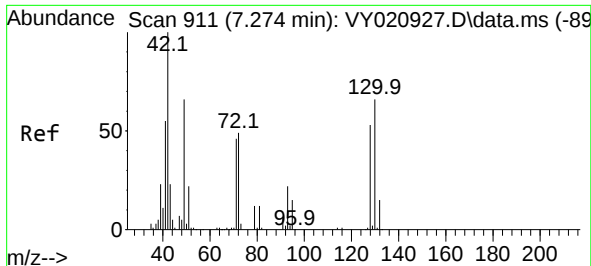
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 90.8 72.6 109.0





#29

Tetrahydrofuran

Concen: 273.818 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

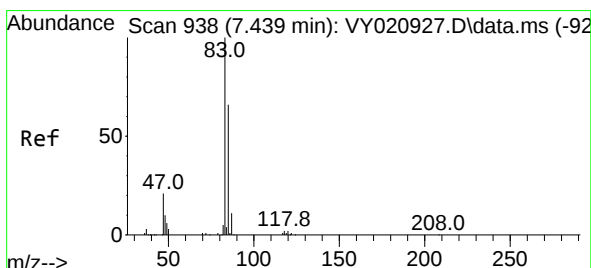
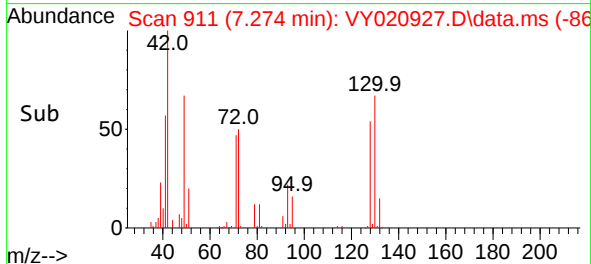
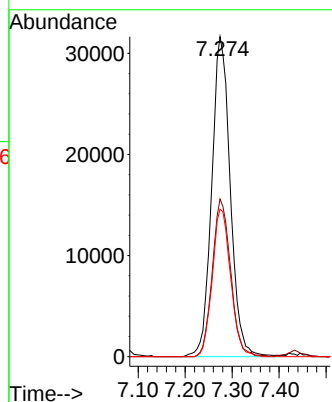
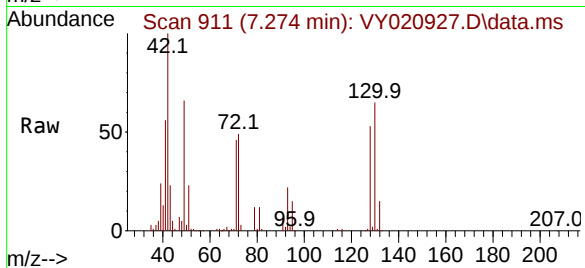
Tgt Ion: 42 Resp: 86947

Ion Ratio Lower Upper

42 100

72 48.5 38.8 58.2

71 45.5 36.4 54.6



#30

Chloroform

Concen: 50.824 ug/l

RT: 7.439 min Scan# 938

Delta R.T. 0.000 min

Lab File: VY020927.D

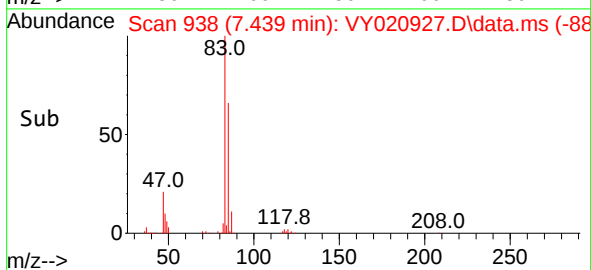
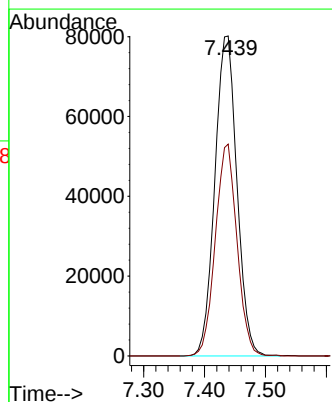
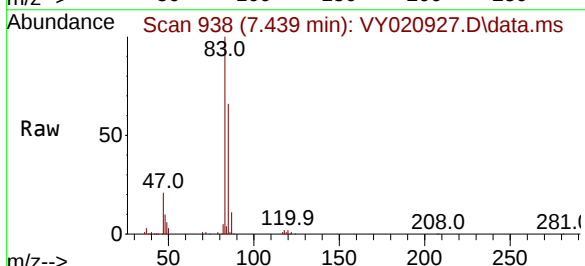
Acq: 24 Jan 2025 14:03

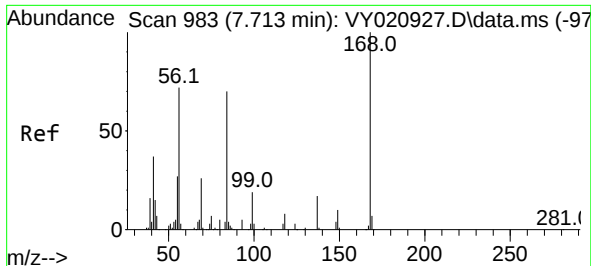
Tgt Ion: 83 Resp: 202326

Ion Ratio Lower Upper

83 100

85 66.2 53.0 79.4

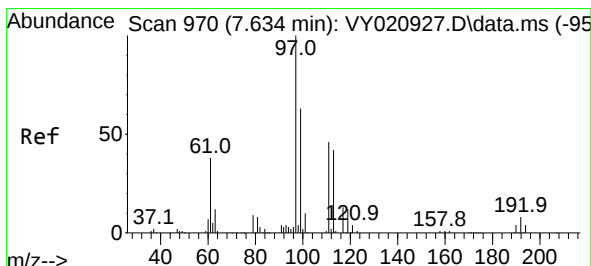
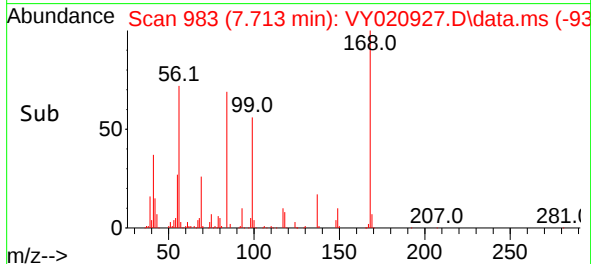
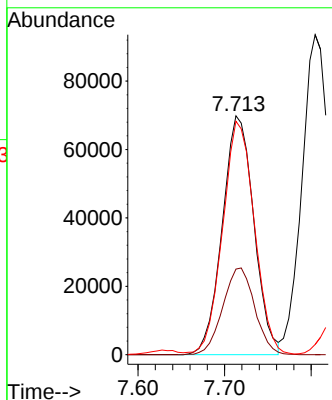
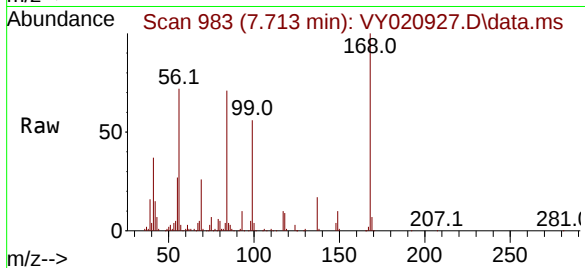




#31
Cyclohexane
Concen: 47.927 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

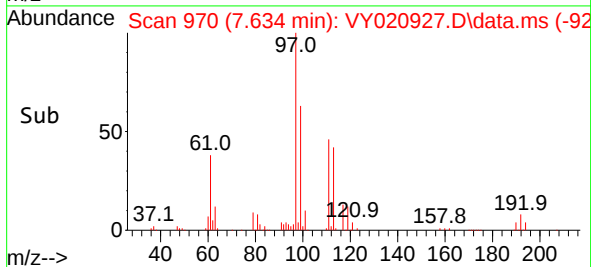
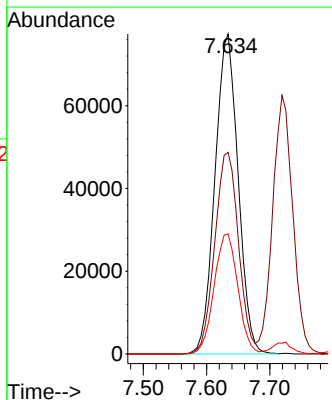
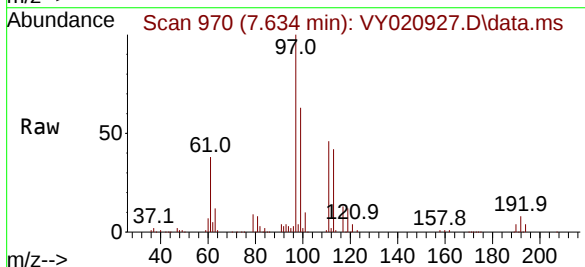
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

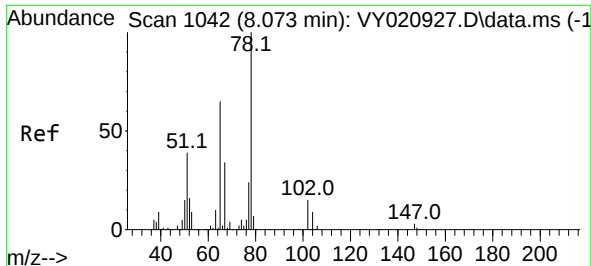
Tgt Ion: 56 Resp: 177176
Ion Ratio Lower Upper
56 100
69 35.9 28.7 43.1
84 96.7 77.4 116.0



#32
1,1,1-Trichloroethane
Concen: 50.881 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

Tgt Ion: 97 Resp: 196472
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 38.5 30.8 46.2





#33

1,2-Dichloroethane-d4

Concen: 55.973 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

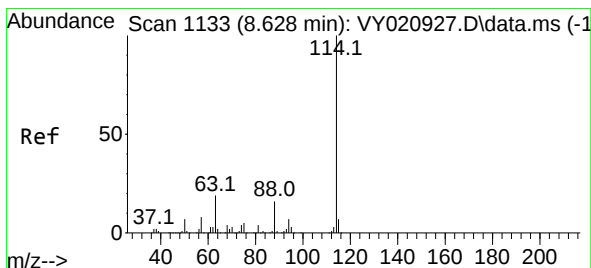
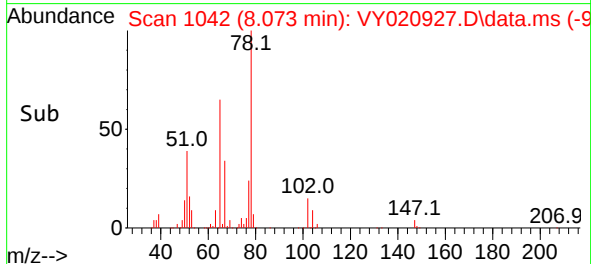
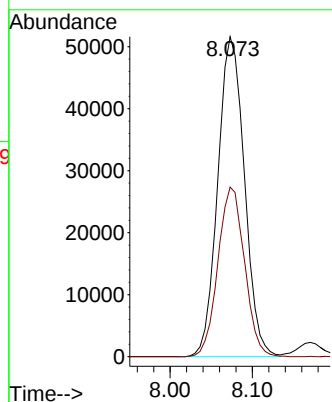
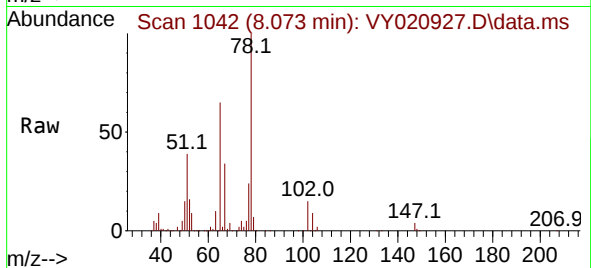
VSTDICCC050

Tgt Ion: 65 Resp: 116198

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

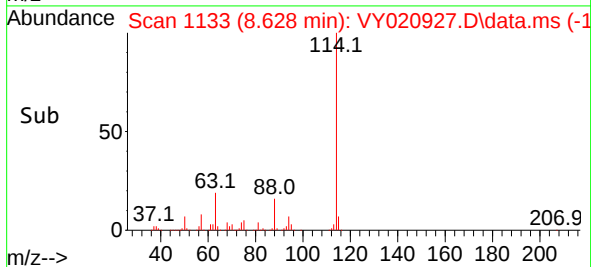
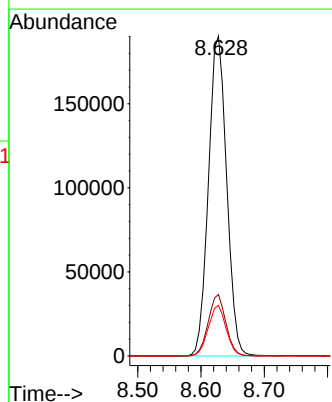
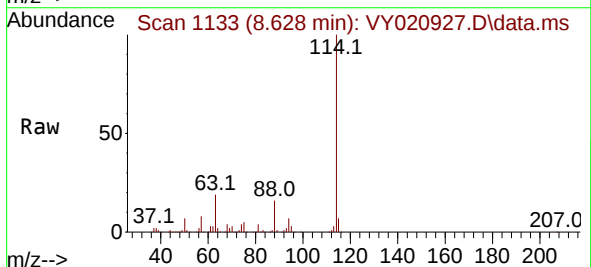
Tgt Ion: 114 Resp: 380285

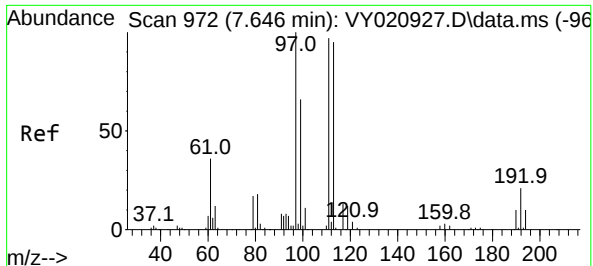
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 55.780 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

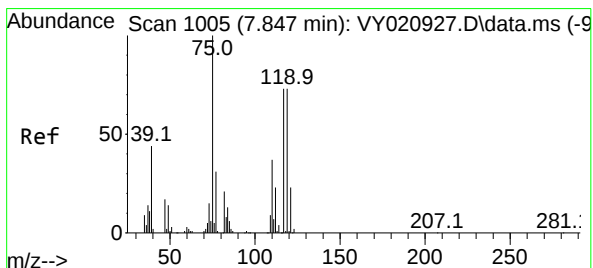
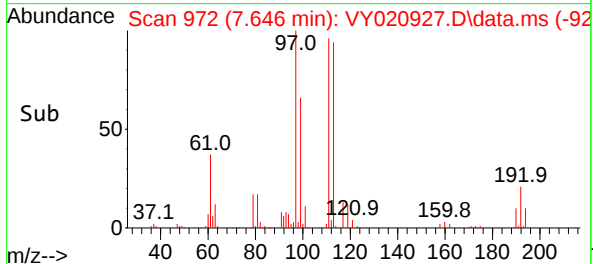
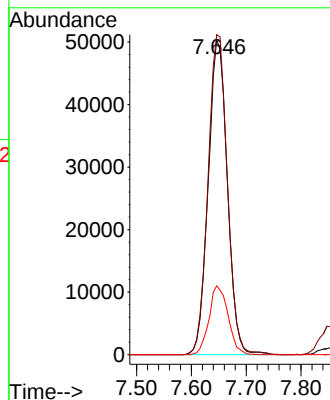
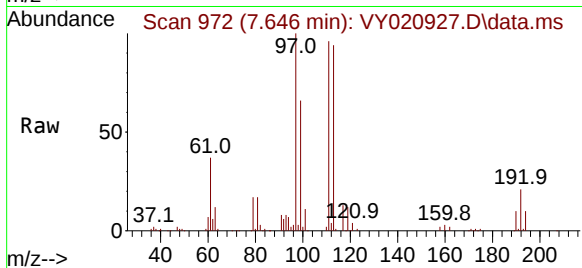
Tgt Ion:113 Resp: 121777

Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

192 21.8 17.4 26.2



#36

1,1-Dichloropropene

Concen: 51.349 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

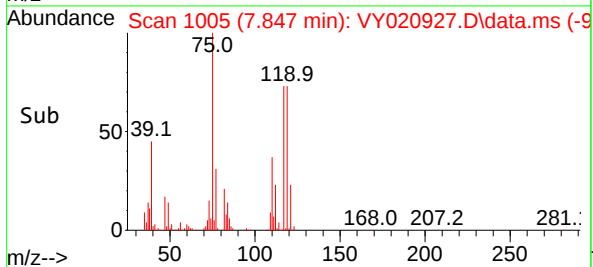
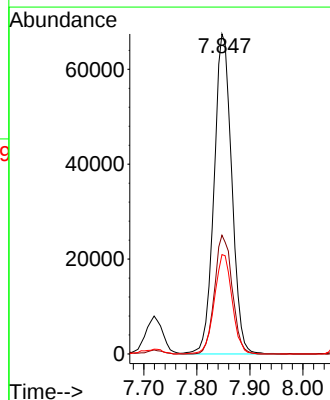
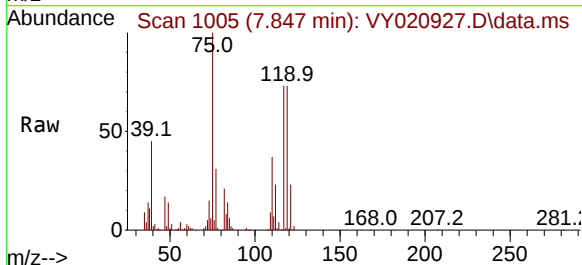
Tgt Ion: 75 Resp: 156517

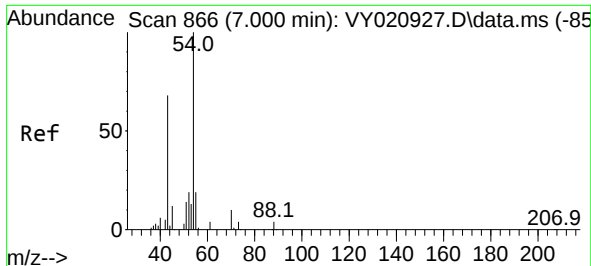
Ion Ratio Lower Upper

75 100

110 37.0 18.5 55.5

77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 52.672 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

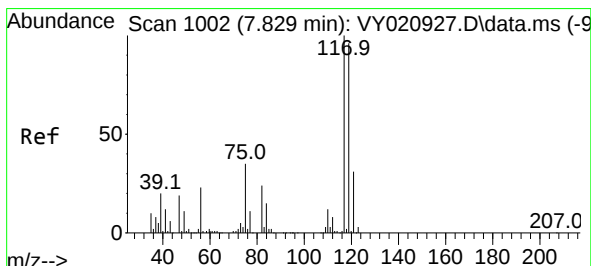
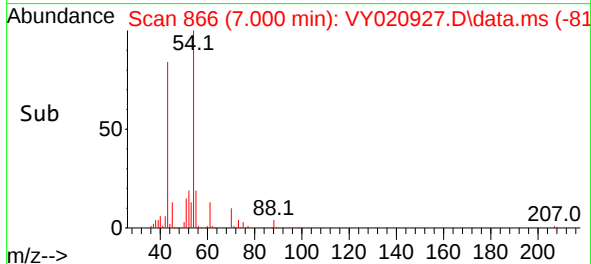
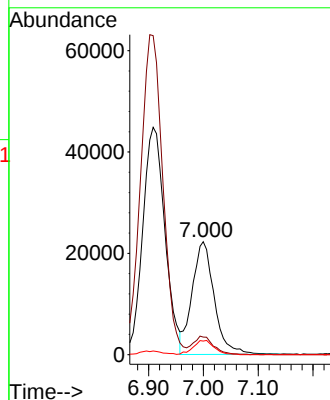
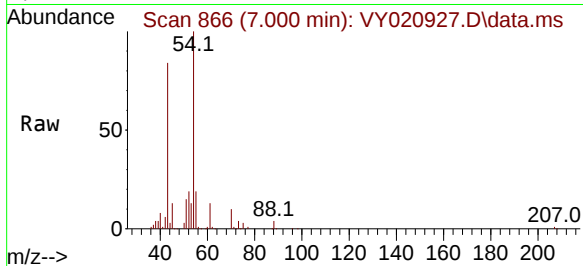
Tgt Ion: 43 Resp: 62290

Ion Ratio Lower Upper

43 100

61 15.1 12.1 18.1

70 11.9 9.5 14.3



#38

Carbon Tetrachloride

Concen: 50.965 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

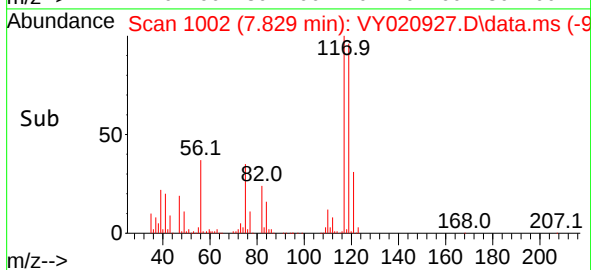
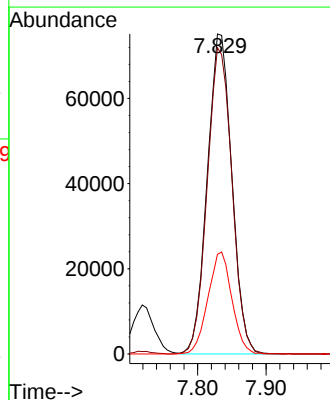
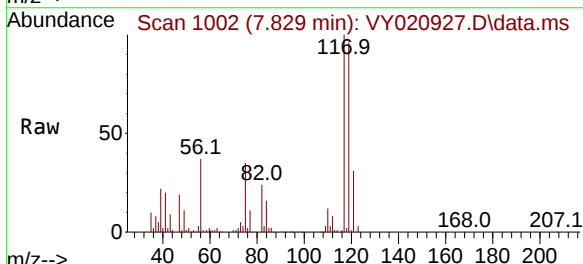
Tgt Ion: 117 Resp: 187340

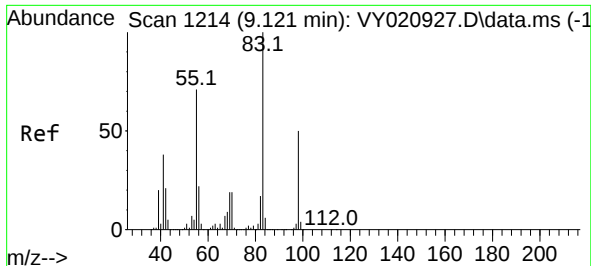
Ion Ratio Lower Upper

117 100

119 95.6 76.5 114.7

121 31.2 25.0 37.4





#39

Methylcyclohexane

Concen: 51.485 ug/l

RT: 9.121 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

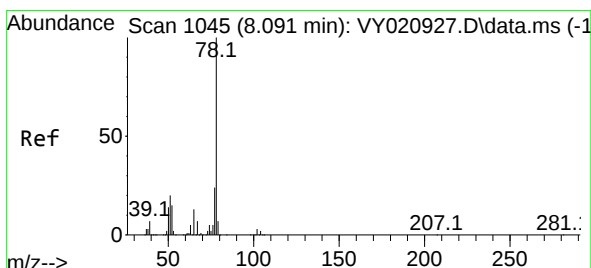
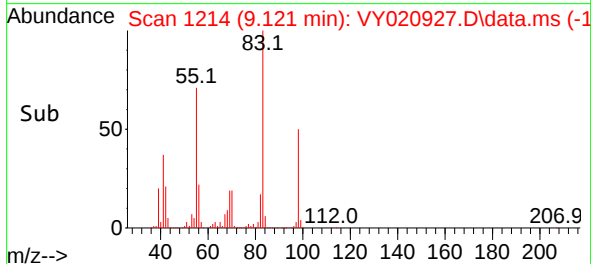
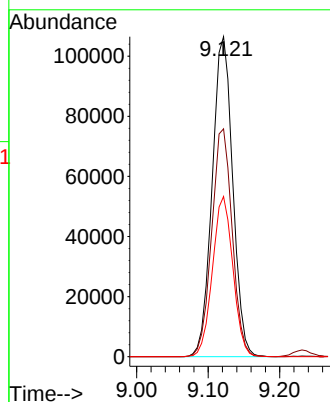
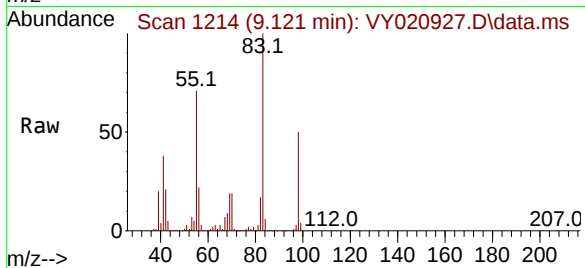
Tgt Ion: 83 Resp: 212455

Ion Ratio Lower Upper

83 100

55 71.2 57.0 85.4

98 50.1 40.1 60.1



#40

Benzene

Concen: 51.122 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY020927.D

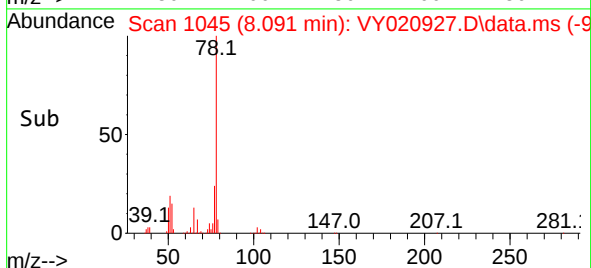
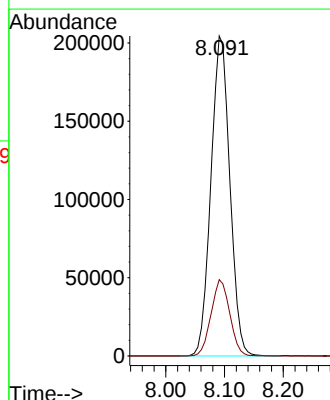
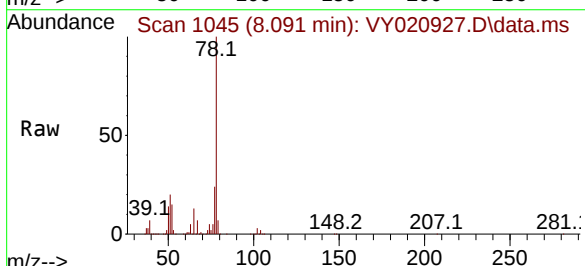
Acq: 24 Jan 2025 14:03

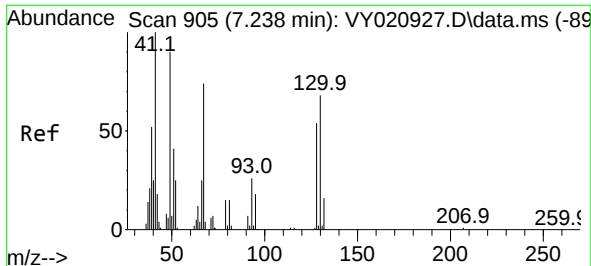
Tgt Ion: 78 Resp: 457148

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

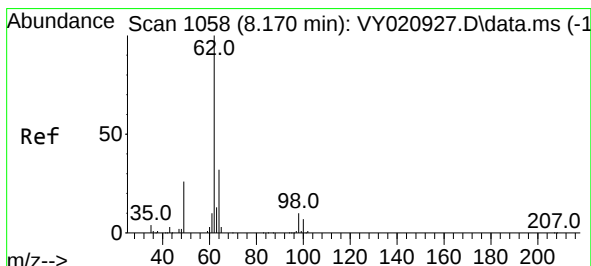
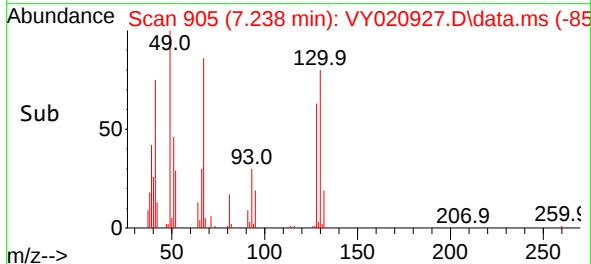
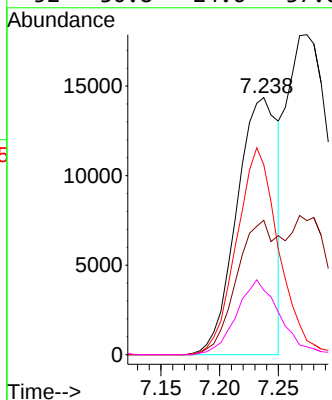
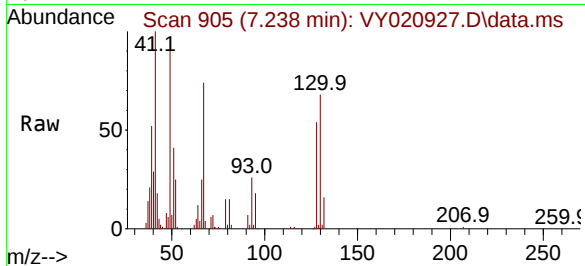




#41
Methacrylonitrile
Concen: 55.867 ug/l
RT: 7.238 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

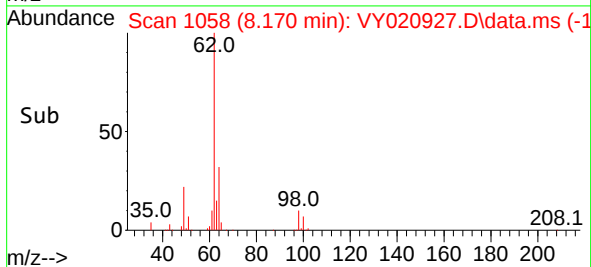
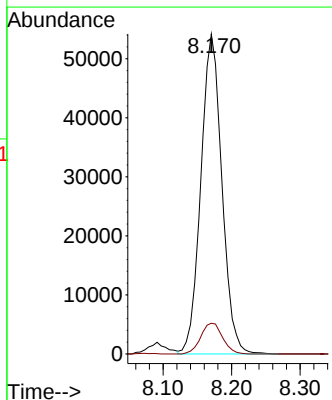
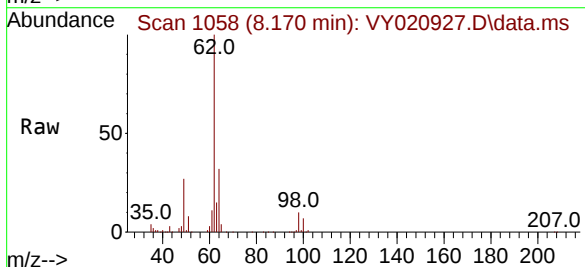
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

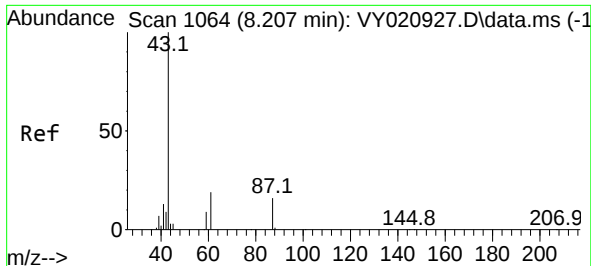
Tgt Ion:	41	Resp:	34901
Ion Ratio	Lower	Upper	
41	100		
39	58.0	46.4	69.6
67	83.4	66.7	100.1
52	30.8	24.6	37.0



#42
1,2-Dichloroethane
Concen: 52.057 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

Tgt Ion:	62	Resp:	115831
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 54.008 ug/l

RT: 8.207 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

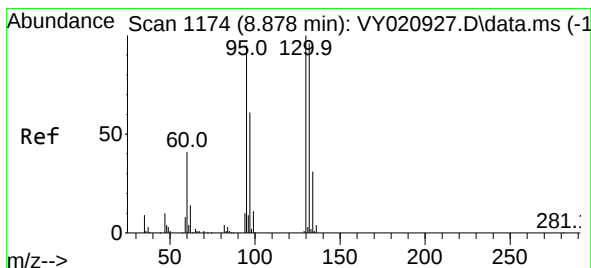
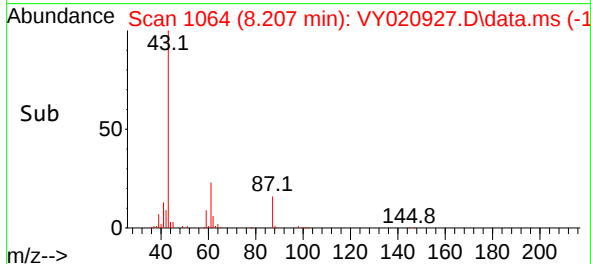
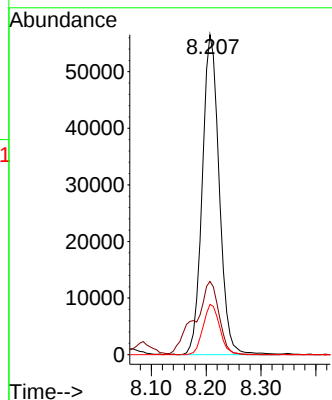
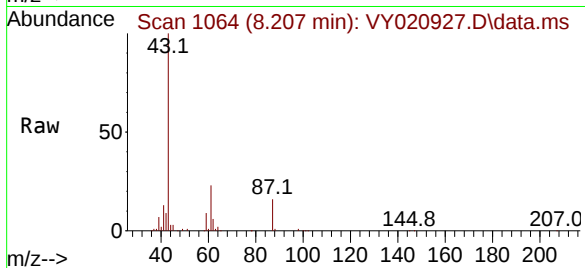
Tgt Ion: 43 Resp: 121114

Ion Ratio Lower Upper

43 100

61 32.5 26.0 39.0

87 15.5 12.4 18.6



#44

Trichloroethene

Concen: 50.426 ug/l

RT: 8.878 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VY020927.D

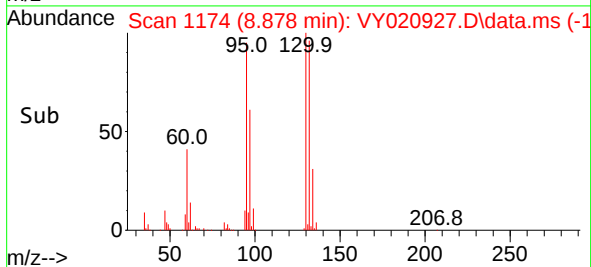
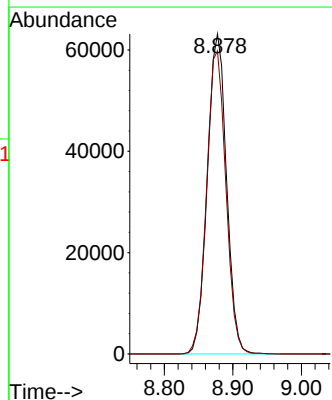
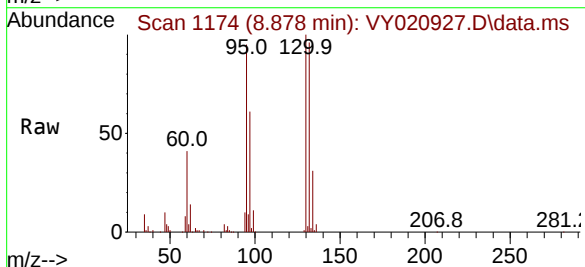
Acq: 24 Jan 2025 14:03

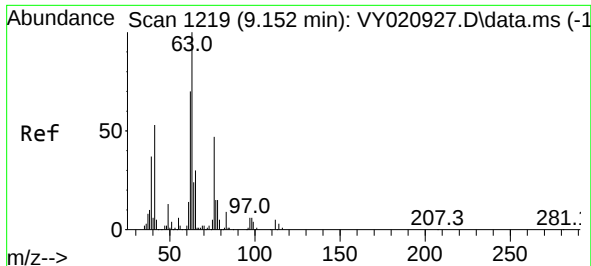
Tgt Ion:130 Resp: 122503

Ion Ratio Lower Upper

130 100

95 94.7 0.0 189.4





#45

1,2-Dichloropropane

Concen: 51.660 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

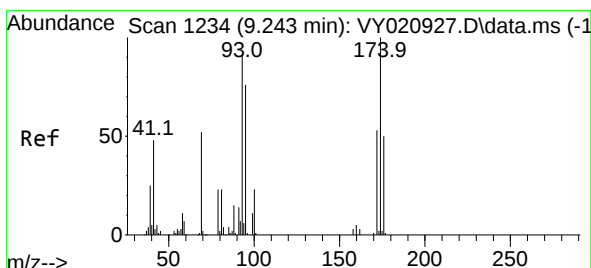
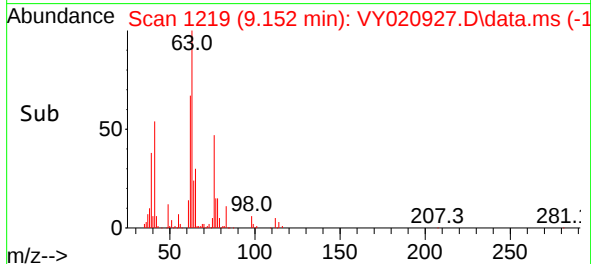
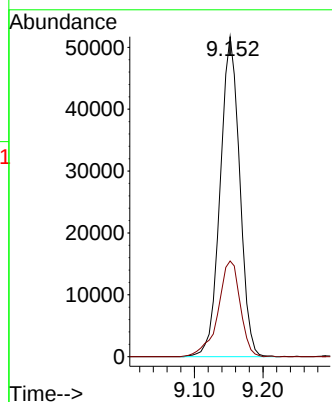
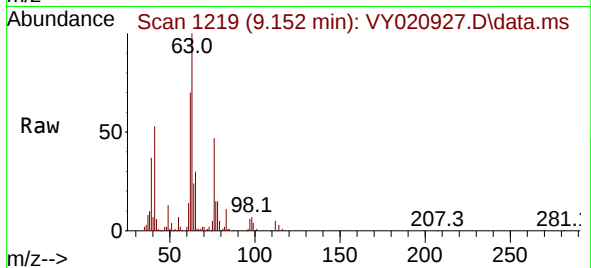
VSTDICCC050

Tgt Ion: 63 Resp: 101972

Ion Ratio Lower Upper

63 100

65 29.9 23.9 35.9



#46

Dibromomethane

Concen: 52.935 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

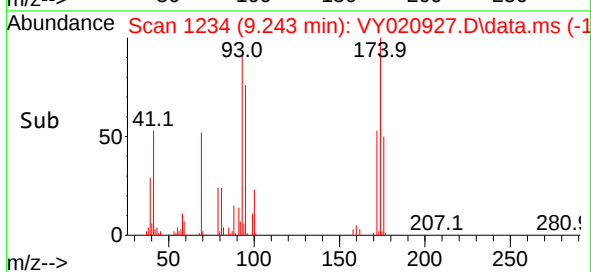
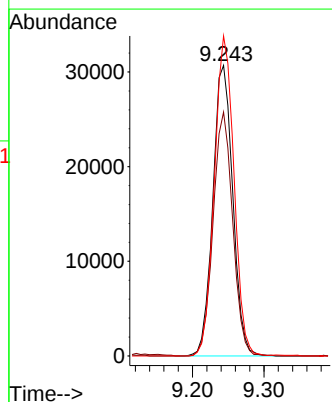
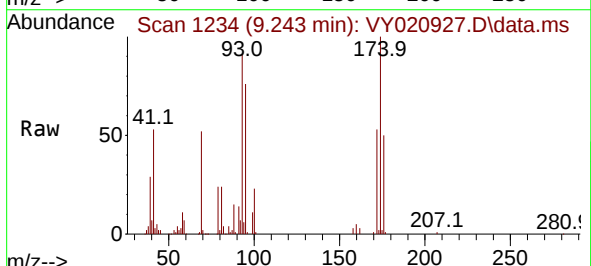
Tgt Ion: 93 Resp: 59402

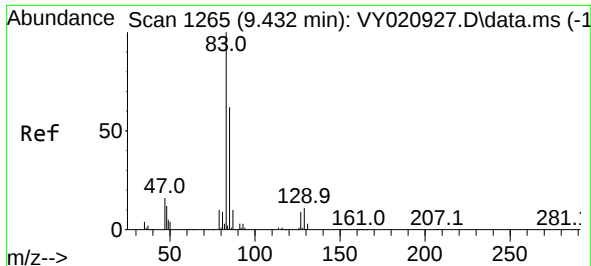
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.2

174 108.7 87.0 130.4

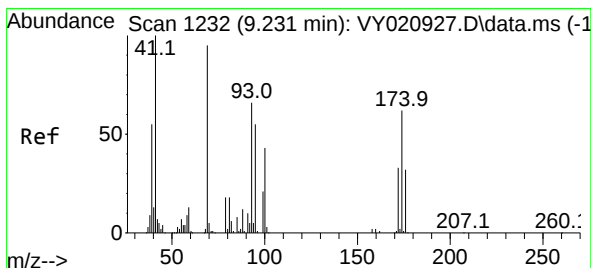
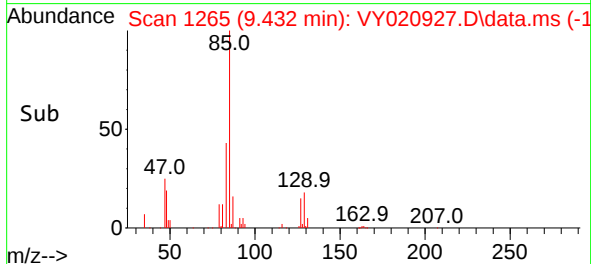
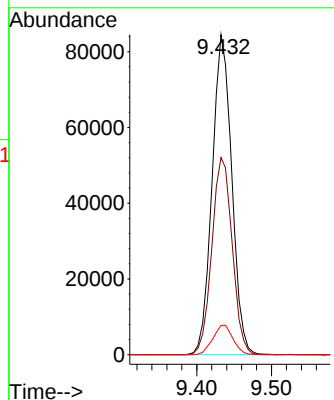
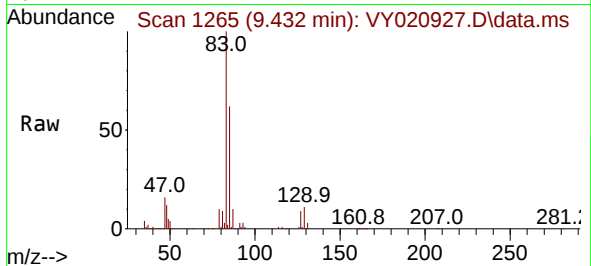




#47
Bromodichloromethane
Concen: 51.665 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

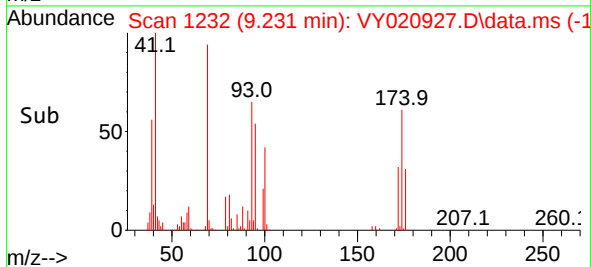
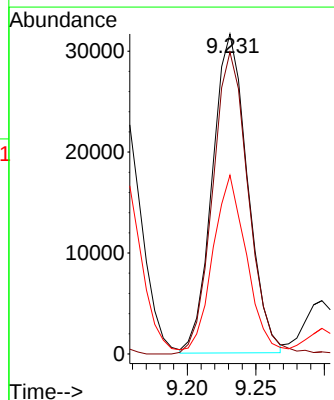
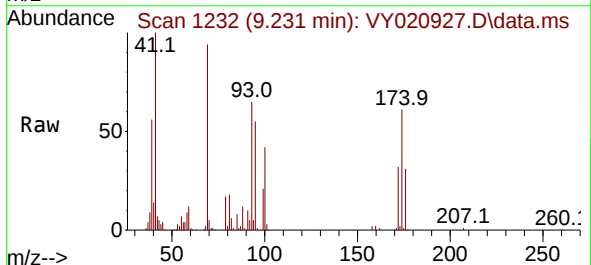
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

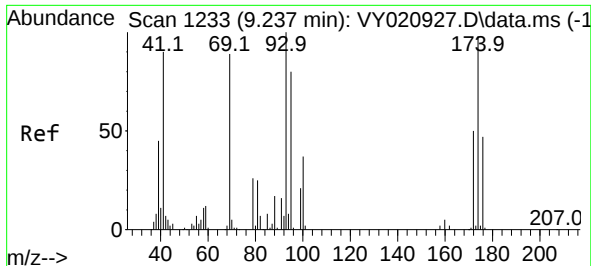
Tgt Ion: 83 Resp: 154264
Ion Ratio Lower Upper
83 100
85 61.6 49.3 73.9
127 9.2 7.4 11.0



#48
Methyl methacrylate
Concen: 53.400 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

Tgt Ion: 41 Resp: 56489
Ion Ratio Lower Upper
41 100
69 96.2 77.0 115.4
39 51.4 41.1 61.7

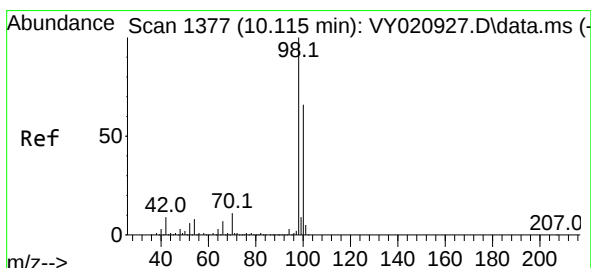
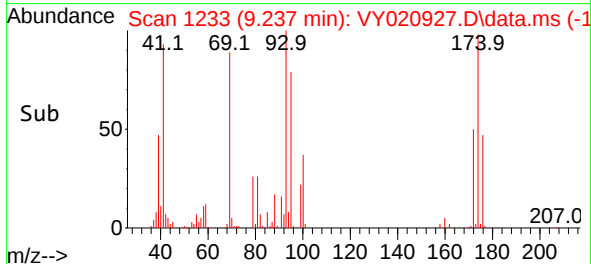
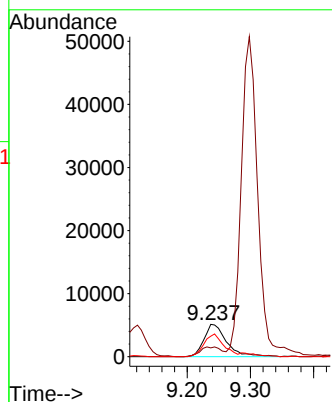
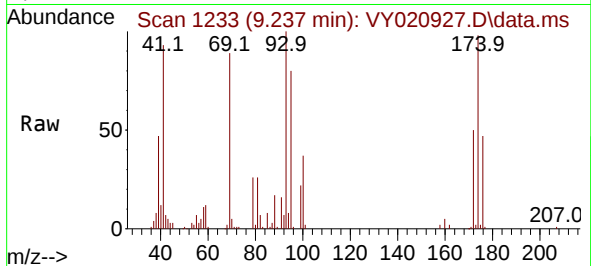




#49
1,4-Dioxane
Concen: 1108.338 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

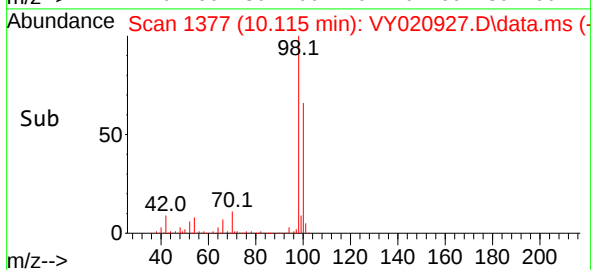
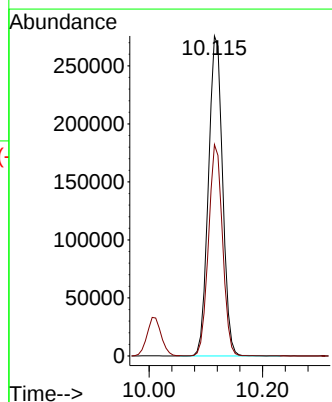
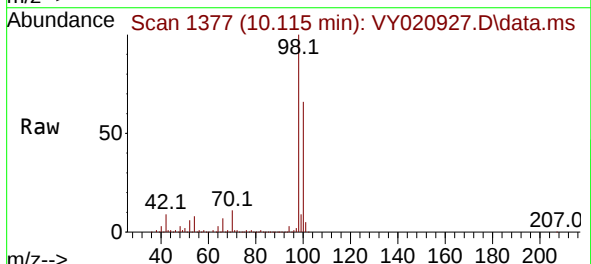
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

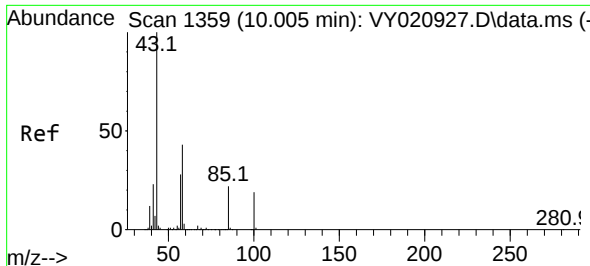
Tgt Ion: 88 Resp: 12806
Ion Ratio Lower Upper
88 100
43 28.9 23.1 34.7
58 61.3 49.0 73.6



#50
Toluene-d8
Concen: 56.318 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

Tgt Ion: 98 Resp: 476904
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5

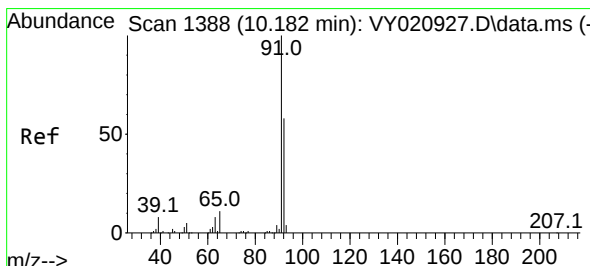
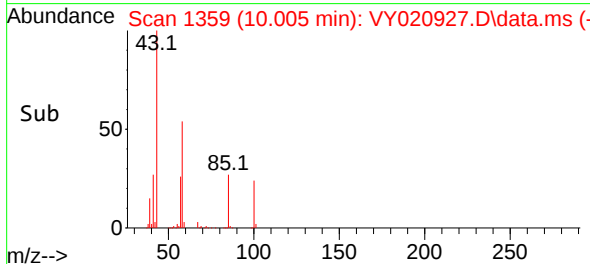
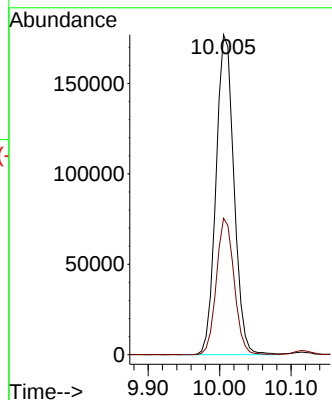
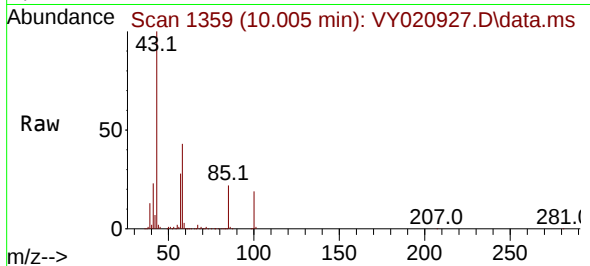




#51
4-Methyl-2-Pentanone
Concen: 272.957 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

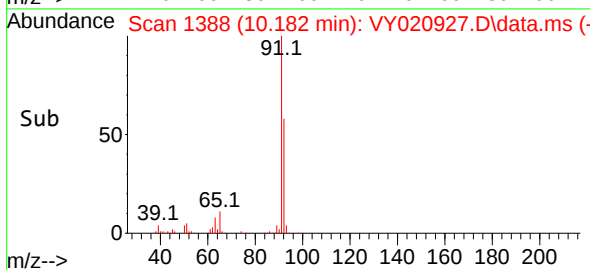
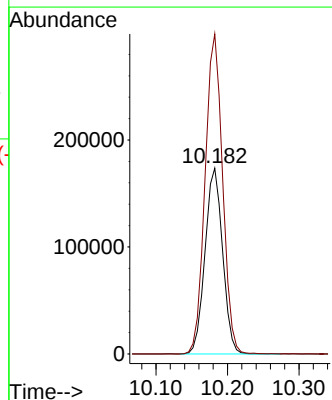
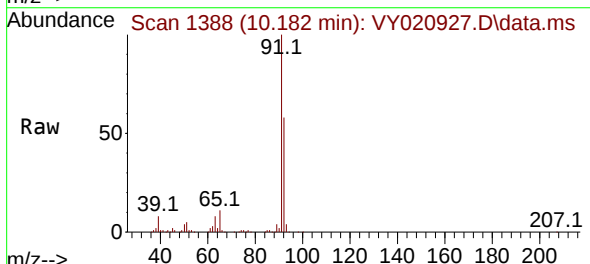
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

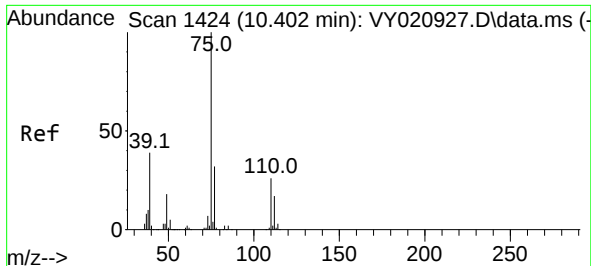
Tgt Ion: 43 Resp: 308643
Ion Ratio Lower Upper
43 100
58 42.1 33.7 50.5



#52
Toluene
Concen: 51.481 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

Tgt Ion: 92 Resp: 296074
Ion Ratio Lower Upper
92 100
91 171.6 137.3 205.9

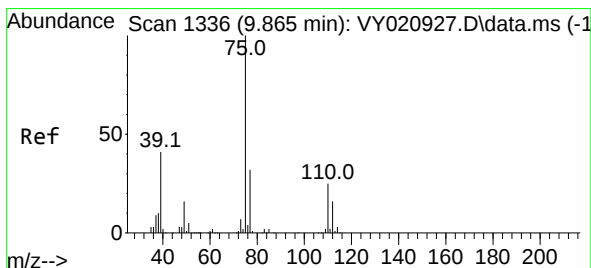
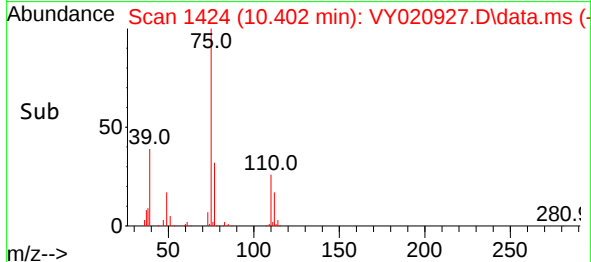
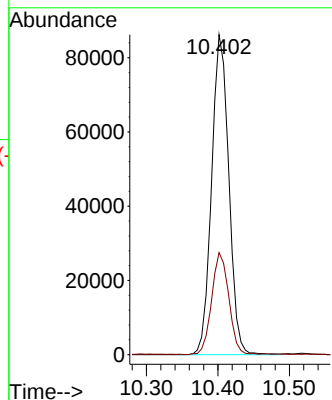
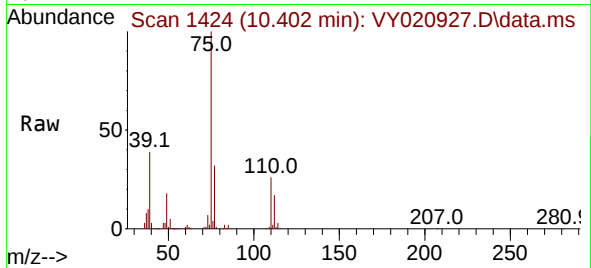




#53
 t-1,3-Dichloropropene
 Concen: 52.581 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VY020927.D
 Acq: 24 Jan 2025 14:03

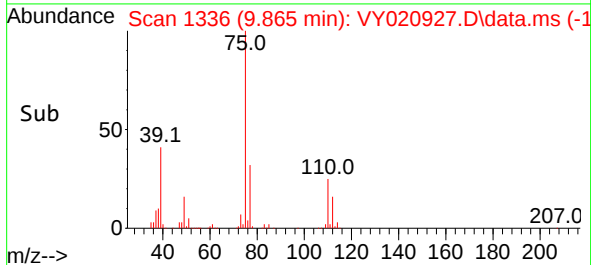
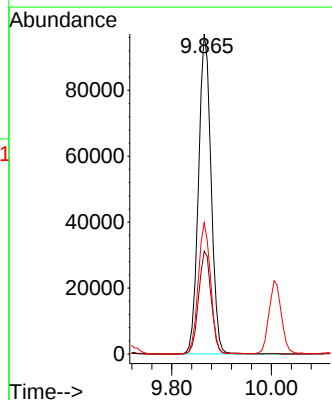
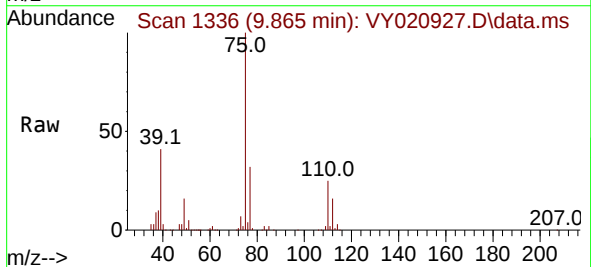
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

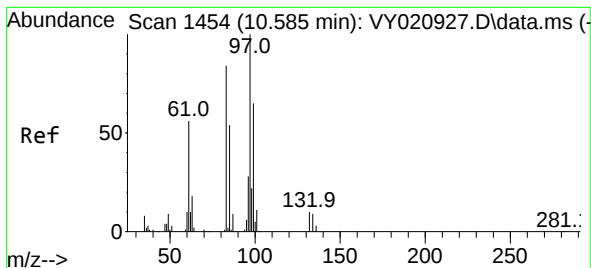
Tgt Ion: 75 Resp: 143953
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.923 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.000 min
 Lab File: VY020927.D
 Acq: 24 Jan 2025 14:03

Tgt Ion: 75 Resp: 169737
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.7 38.5
 39 41.0 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 51.844 ug/l

RT: 10.585 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 78640

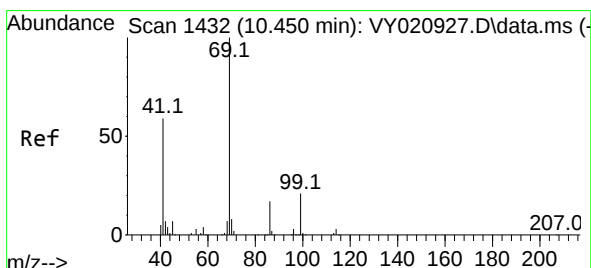
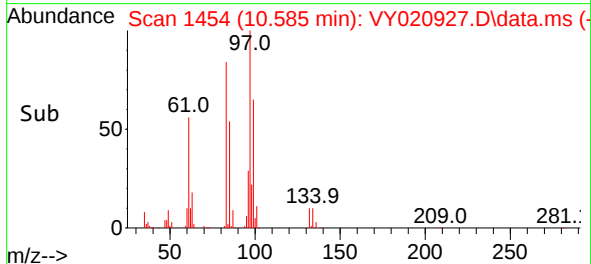
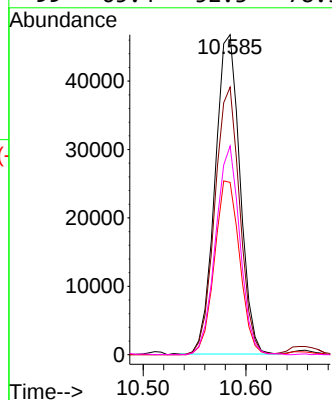
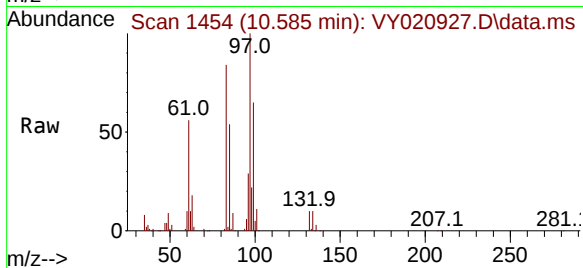
Ion Ratio Lower Upper

97 100

83 83.8 67.0 100.6

85 53.9 43.1 64.7

99 65.4 52.3 78.5



#56

Ethyl methacrylate

Concen: 54.625 ug/l

RT: 10.450 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

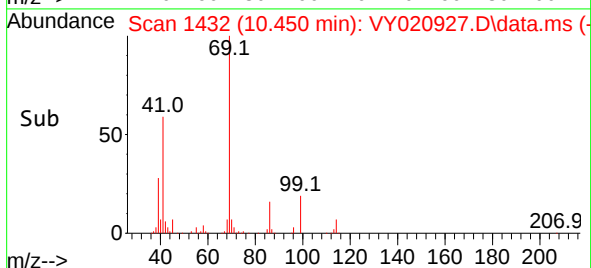
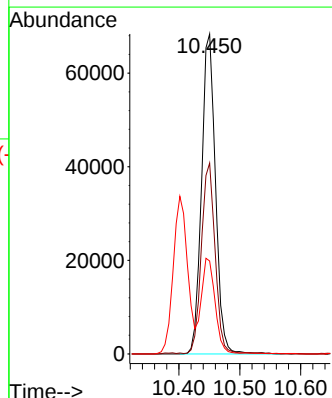
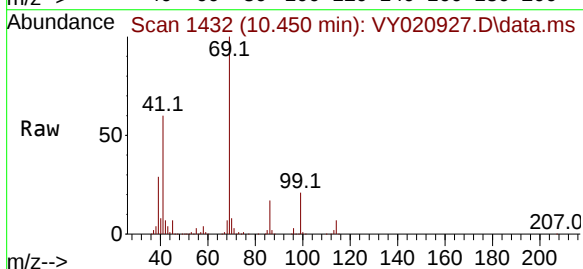
Tgt Ion: 69 Resp: 108592

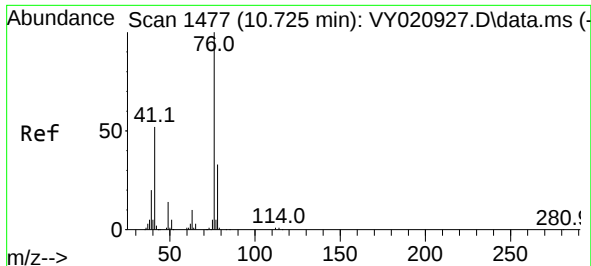
Ion Ratio Lower Upper

69 100

41 58.3 46.6 70.0

39 29.9 23.9 35.9





#57

1,3-Dichloropropane

Concen: 52.099 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

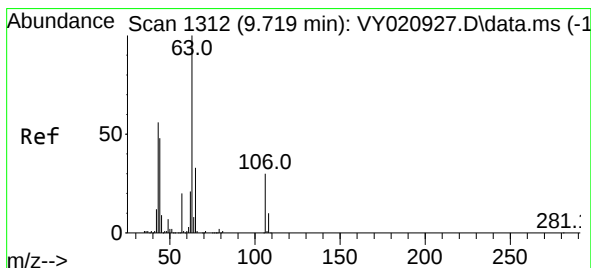
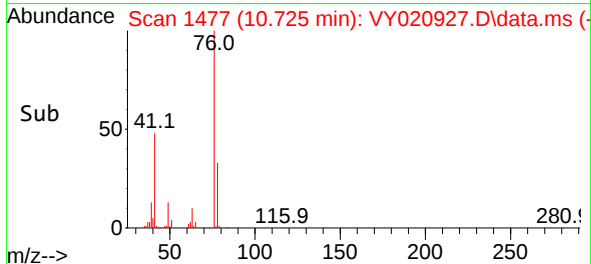
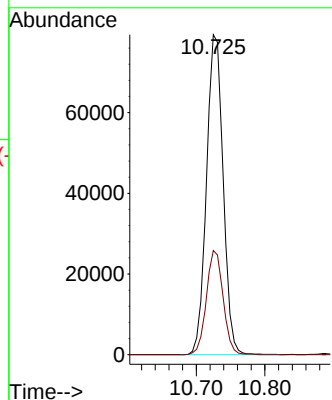
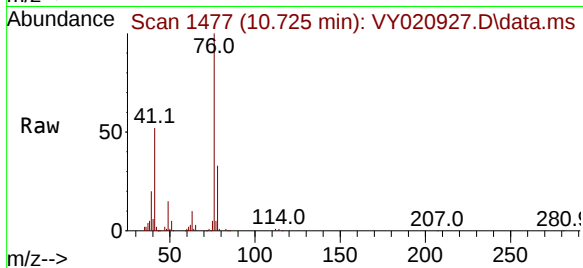
VSTDICCC050

Tgt Ion: 76 Resp: 134252

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 262.808 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020927.D

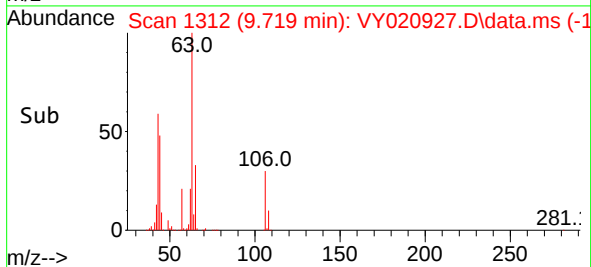
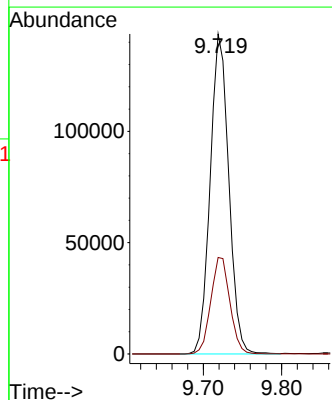
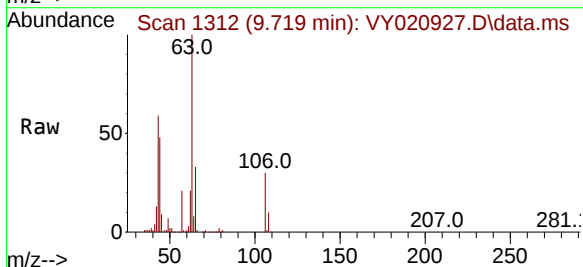
Acq: 24 Jan 2025 14:03

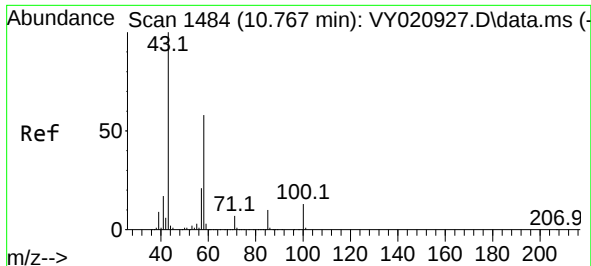
Tgt Ion: 63 Resp: 237122

Ion Ratio Lower Upper

63 100

106 30.9 24.7 37.1





#59

2-Hexanone

Concen: 277.962 ug/l

RT: 10.767 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

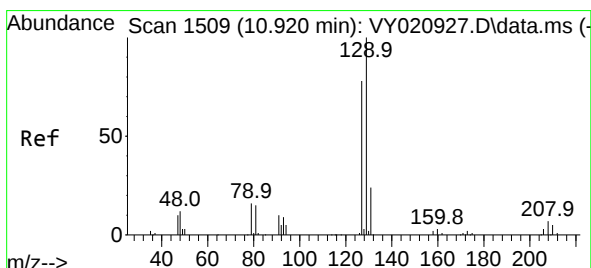
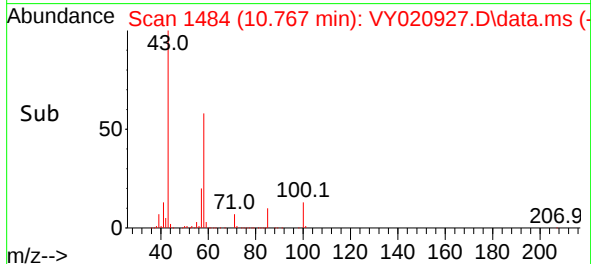
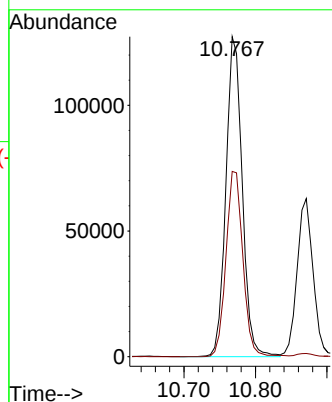
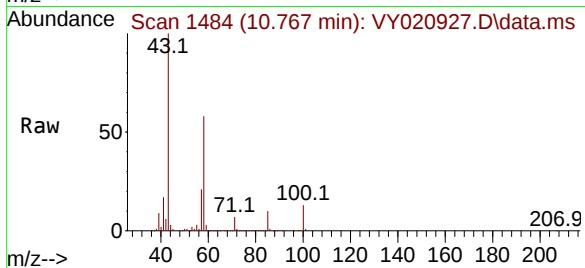
VSTDICCC050

Tgt Ion: 43 Resp: 202107

Ion Ratio Lower Upper

43 100

58 59.9 29.9 89.8



#60

Dibromochloromethane

Concen: 51.604 ug/l

RT: 10.920 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VY020927.D

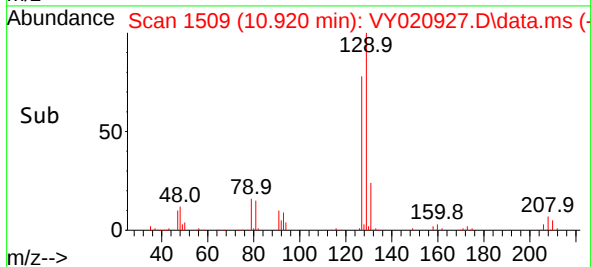
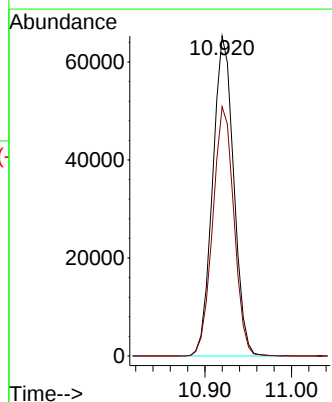
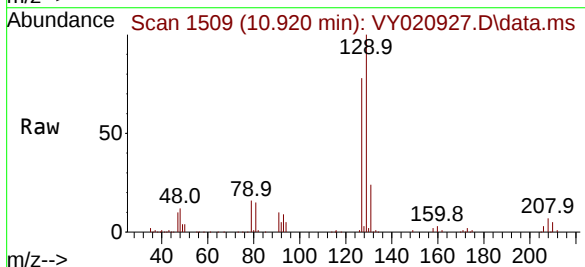
Acq: 24 Jan 2025 14:03

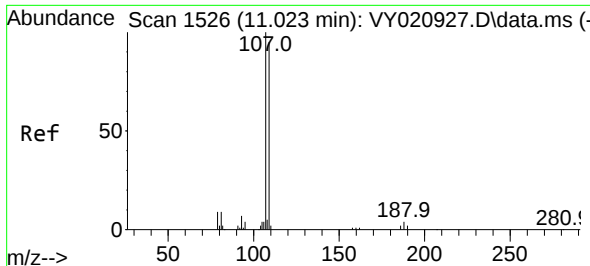
Tgt Ion:129 Resp: 110167

Ion Ratio Lower Upper

129 100

127 78.4 39.2 117.6

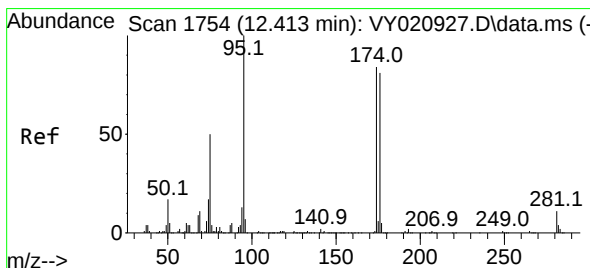
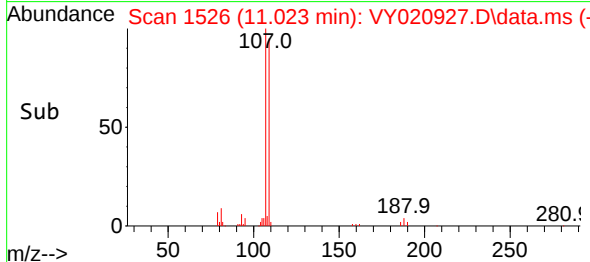
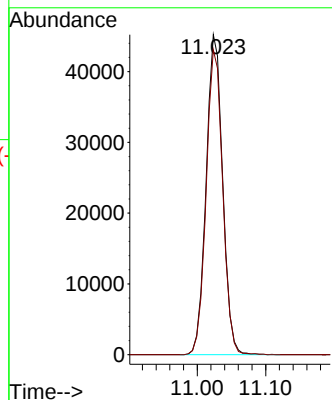
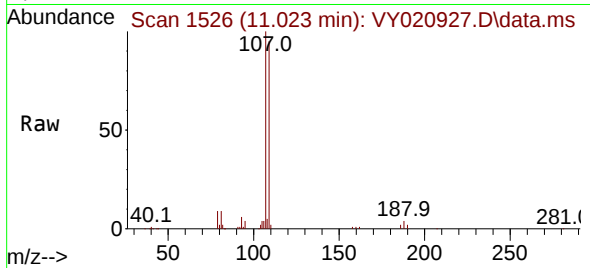




#61
1,2-Dibromoethane
Concen: 52.236 ug/l
RT: 11.023 min Scan# 1526
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

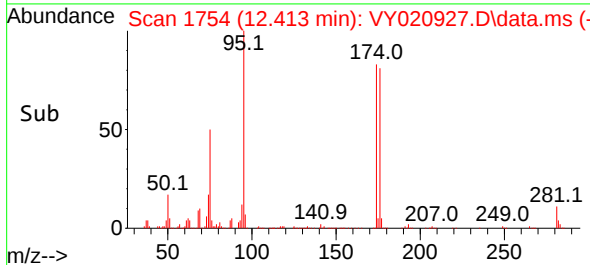
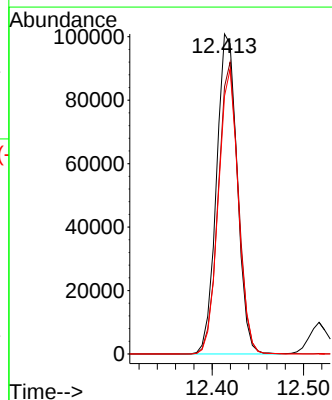
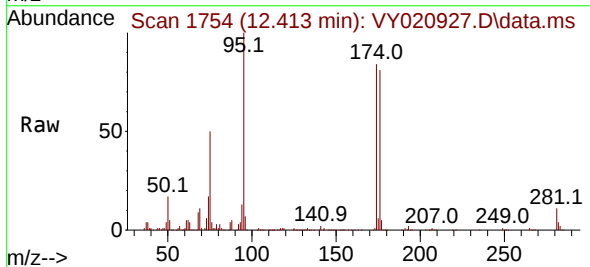
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

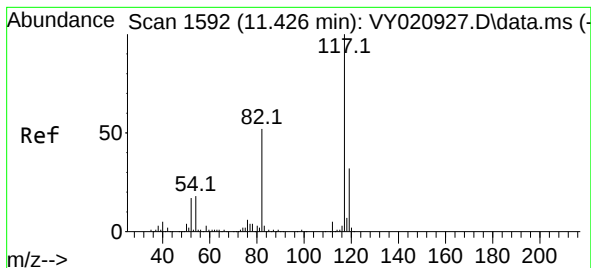
Tgt Ion:107 Resp: 75786
Ion Ratio Lower Upper
107 100
109 95.4 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 56.174 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

Tgt Ion: 95 Resp: 158312
Ion Ratio Lower Upper
95 100
174 88.7 0.0 177.4
176 86.1 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

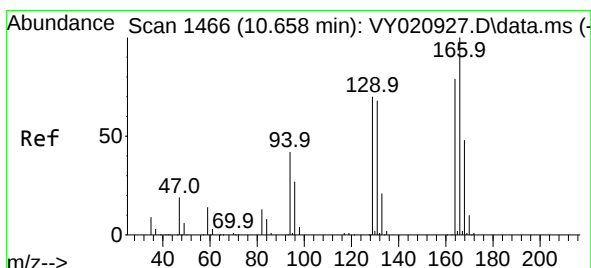
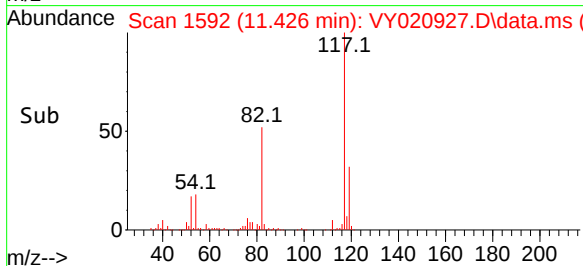
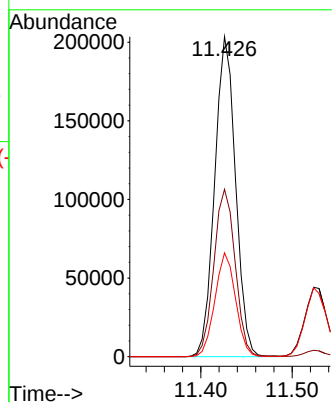
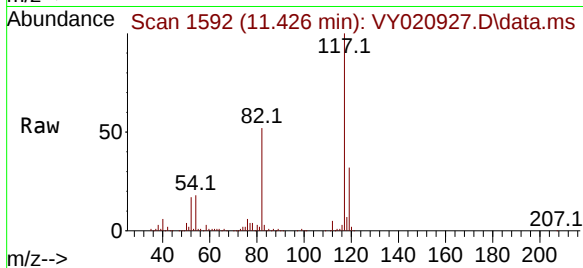
Tgt Ion:117 Resp: 323123

Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.8

119 32.5 26.0 39.0



#64

Tetrachloroethene

Concen: 50.551 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Tgt Ion:164 Resp: 113672

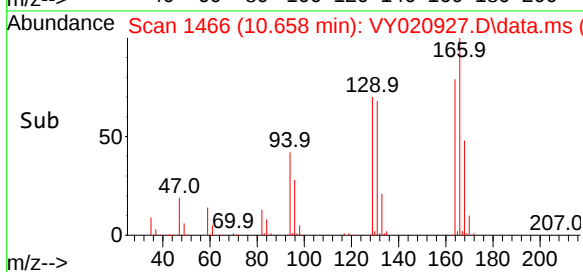
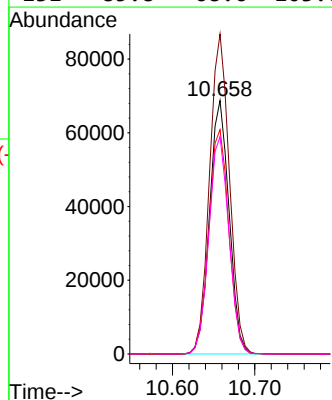
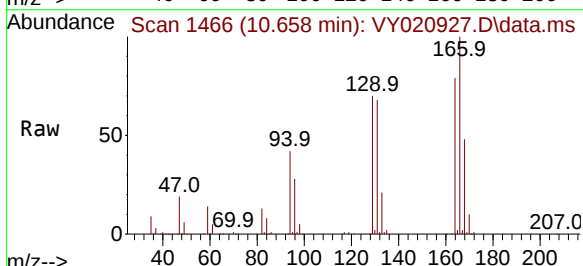
Ion Ratio Lower Upper

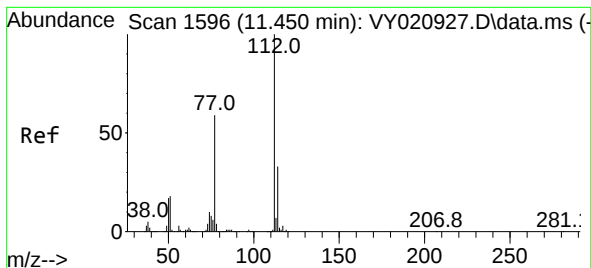
164 100

166 126.3 101.0 151.6

129 88.5 70.8 106.2

131 85.8 68.6 103.0





#65

Chlorobenzene

Concen: 50.723 ug/l

RT: 11.450 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

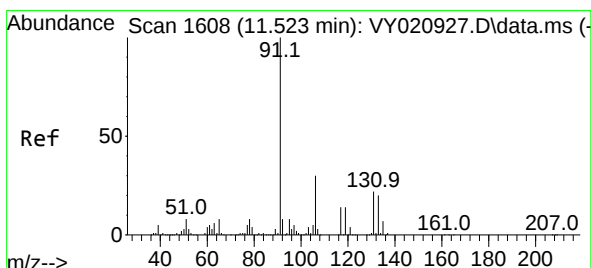
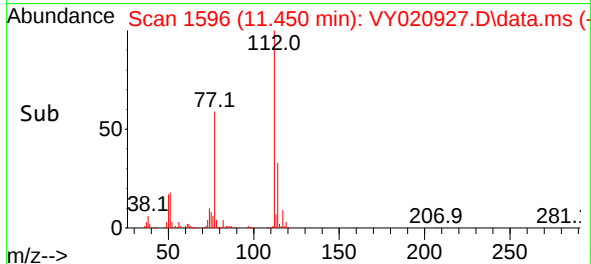
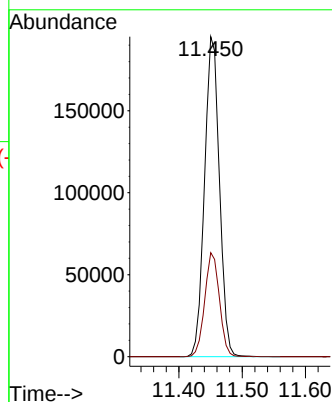
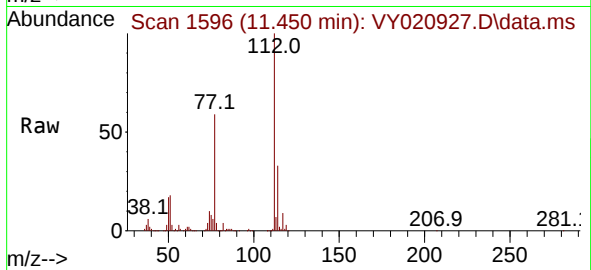
VSTDICCC050

Tgt Ion:112 Resp: 320506

Ion Ratio Lower Upper

112 100

114 32.5 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 51.106 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

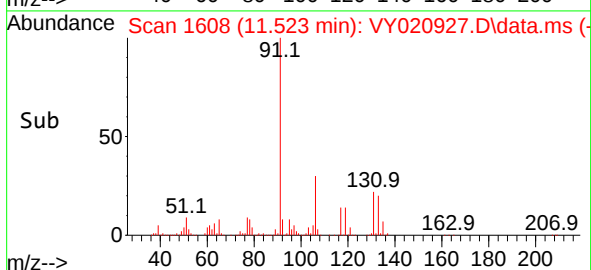
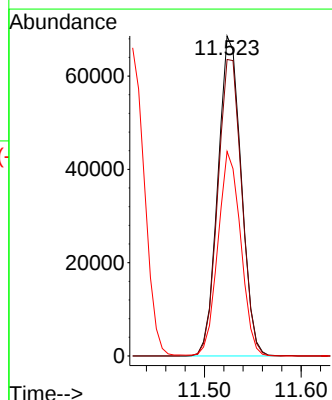
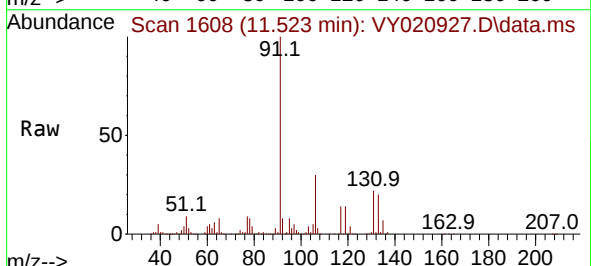
Tgt Ion:131 Resp: 114751

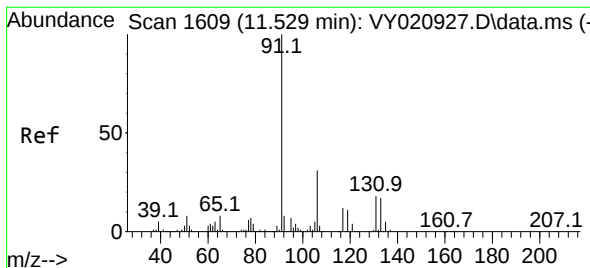
Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

119 62.4 31.2 93.6





#67

Ethyl Benzene

Concen: 51.610 ug/l

RT: 11.529 min Scan# 1609

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

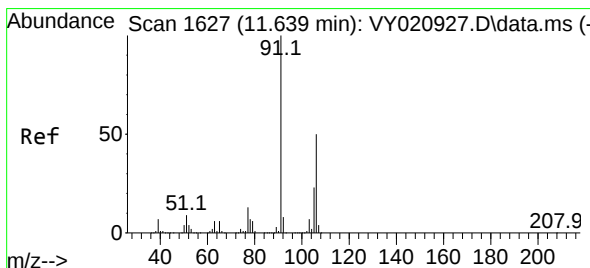
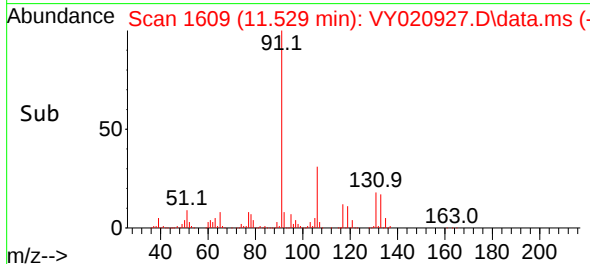
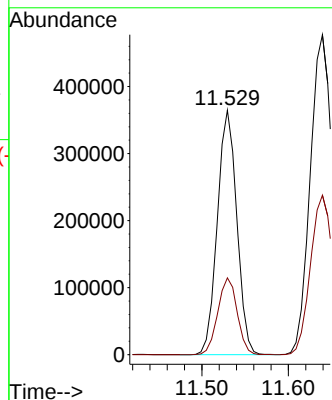
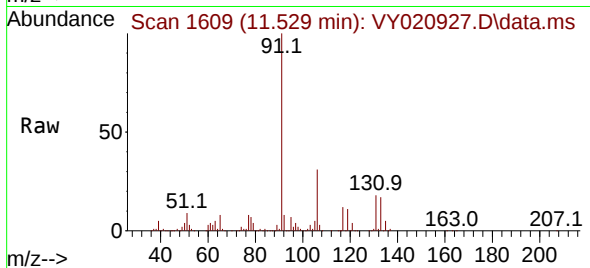
VSTDICCC050

Tgt Ion: 91 Resp: 569041

Ion Ratio Lower Upper

91 100

106 31.5 25.2 37.8



#68

m/p-Xylenes

Concen: 103.192 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.000 min

Lab File: VY020927.D

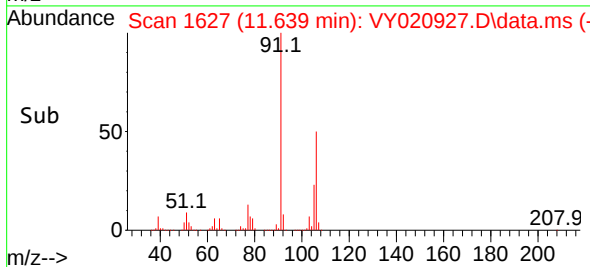
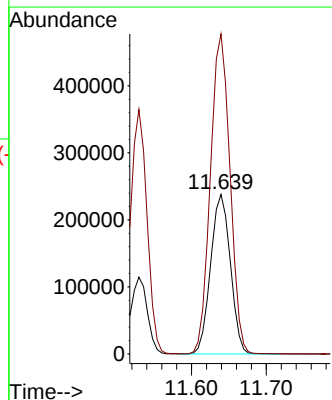
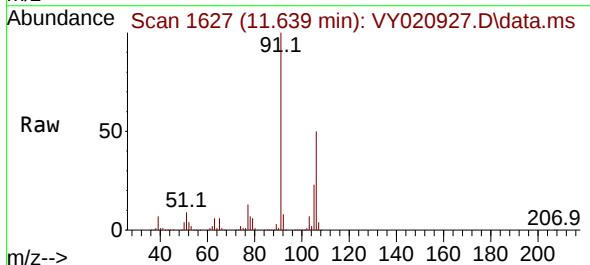
Acq: 24 Jan 2025 14:03

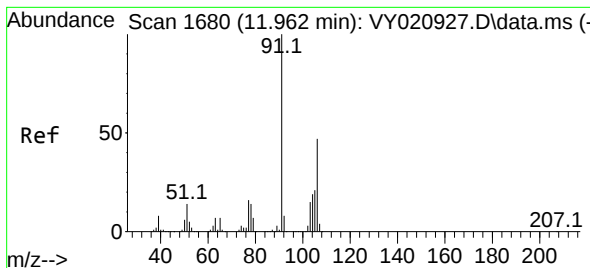
Tgt Ion:106 Resp: 435667

Ion Ratio Lower Upper

106 100

91 199.4 159.5 239.3





#69

o-Xylene

Concen: 51.760 ug/l

RT: 11.962 min Scan# 1680

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

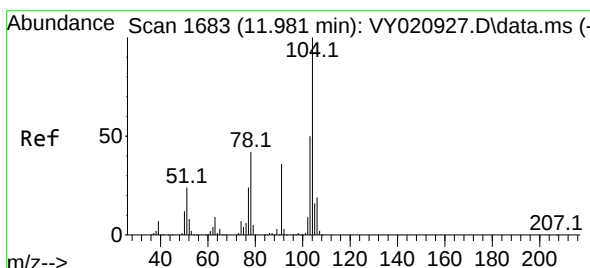
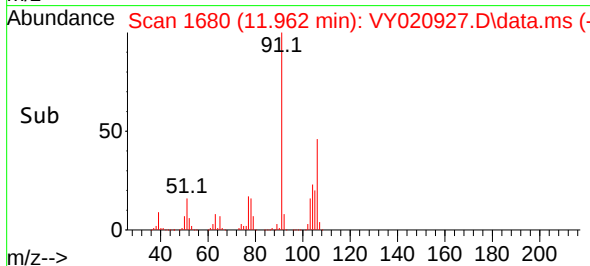
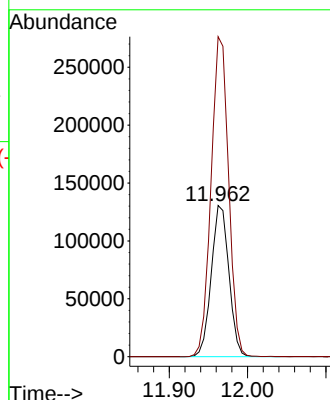
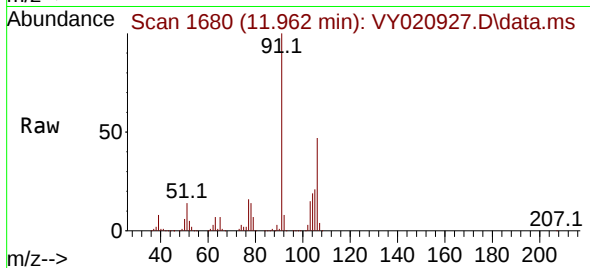
VSTDICCC050

Tgt Ion:106 Resp: 204123

Ion Ratio Lower Upper

106 100

91 210.6 105.3 315.9



#70

Styrene

Concen: 52.709 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

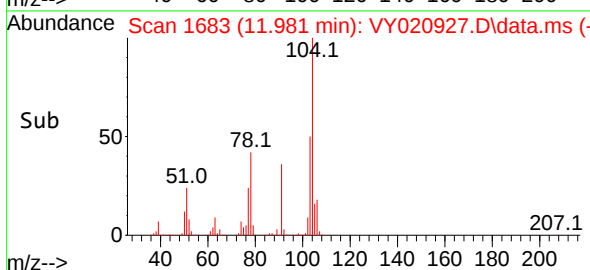
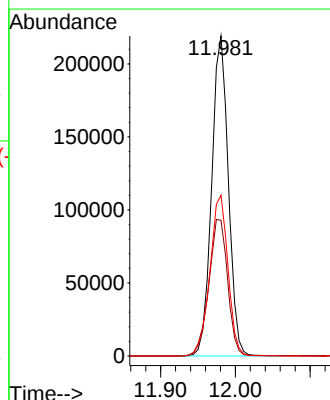
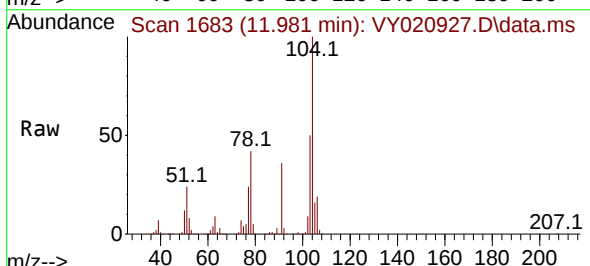
Tgt Ion:104 Resp: 340665

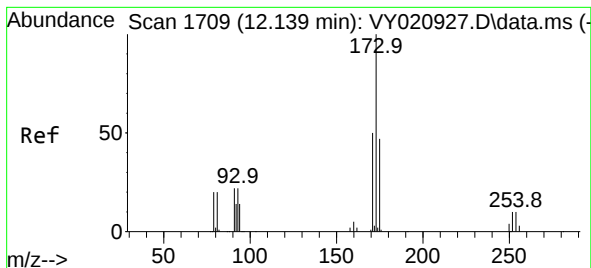
Ion Ratio Lower Upper

104 100

78 48.1 38.5 57.7

103 54.3 43.4 65.2





#71

Bromoform

Concen: 52.862 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

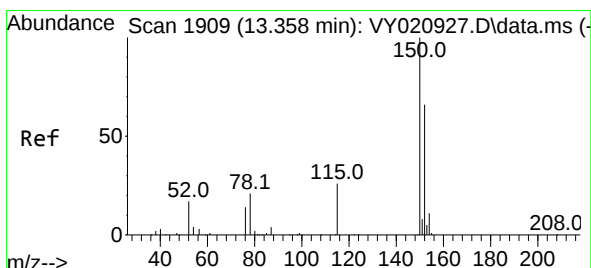
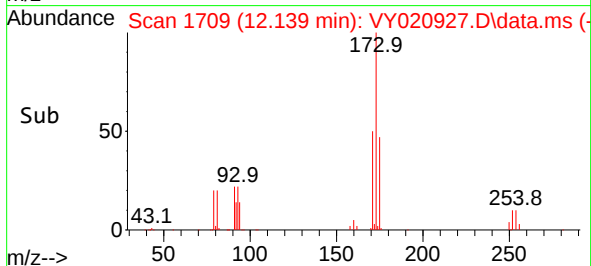
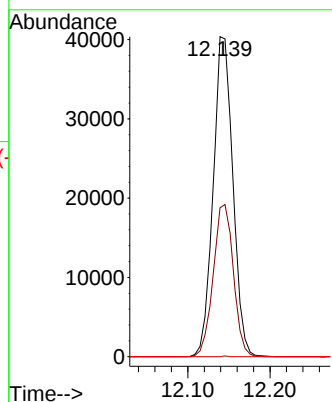
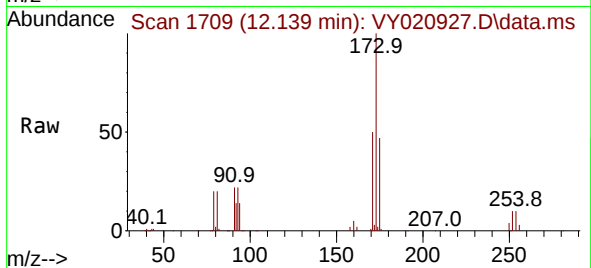
Tgt Ion:173 Resp: 67211

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.358 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

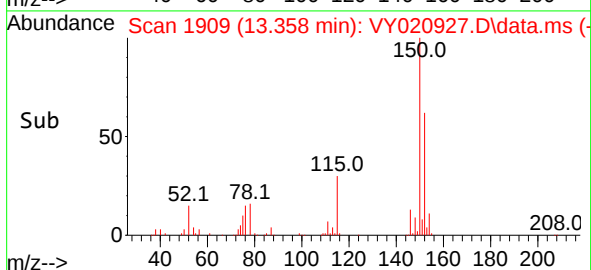
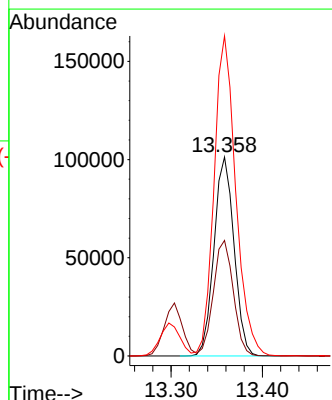
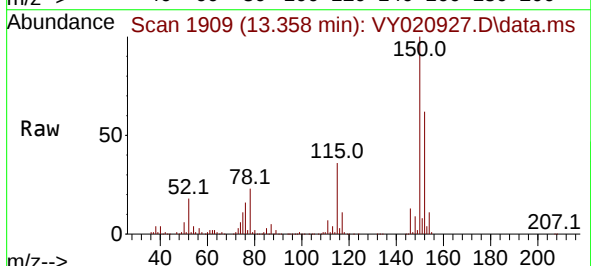
Tgt Ion:152 Resp: 154661

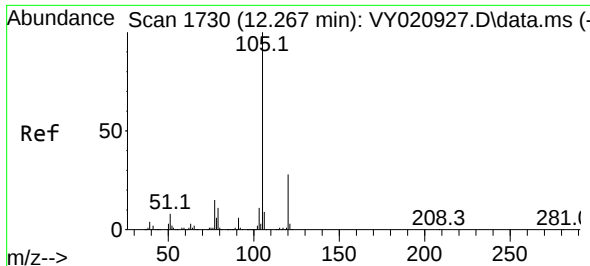
Ion Ratio Lower Upper

152 100

115 58.0 29.0 87.0

150 173.8 0.0 347.6

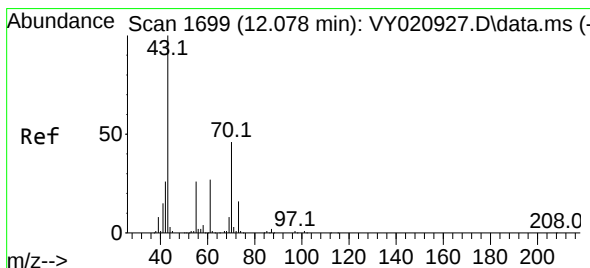
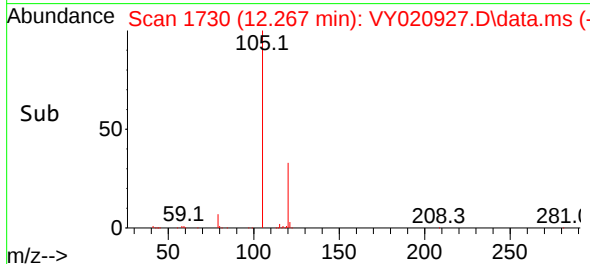
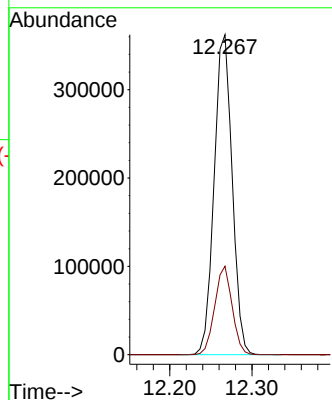
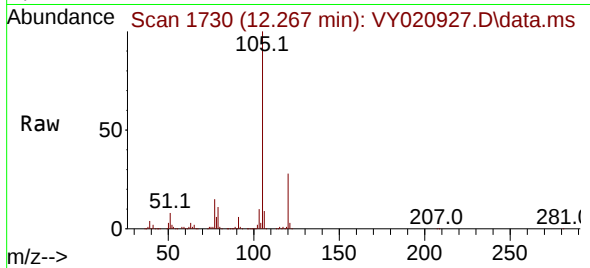




#73
Isopropylbenzene
Concen: 51.713 ug/l
RT: 12.267 min Scan# 1730
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

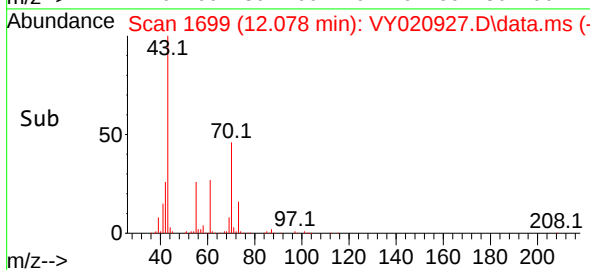
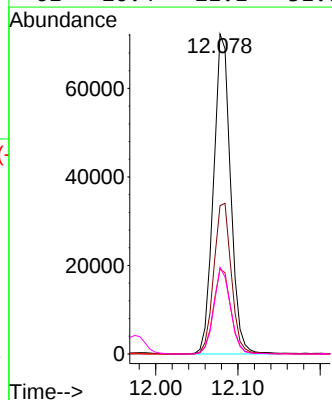
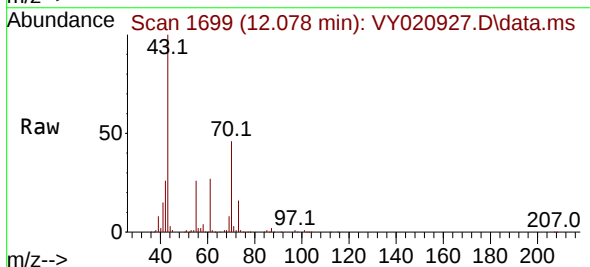
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

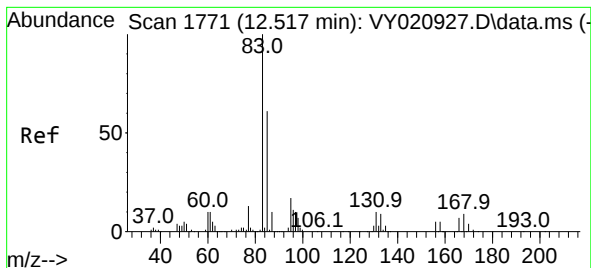
Tgt Ion:105 Resp: 550837
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 55.044 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

Tgt Ion: 43 Resp: 104331
Ion Ratio Lower Upper
43 100
70 48.4 38.7 58.1
55 27.0 21.6 32.4
61 26.4 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.188 ug/l

RT: 12.517 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

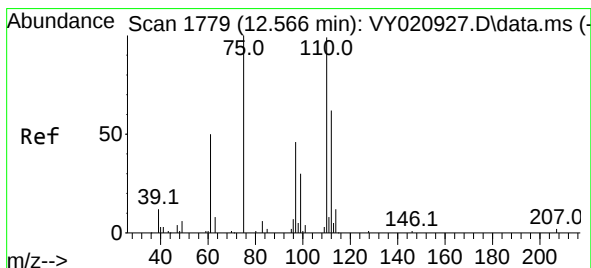
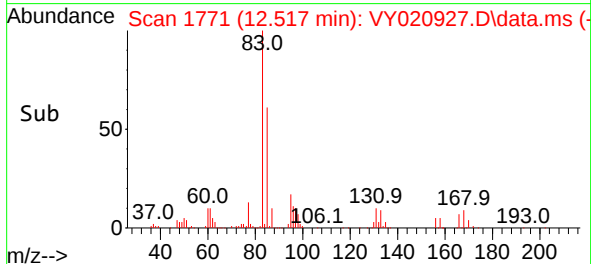
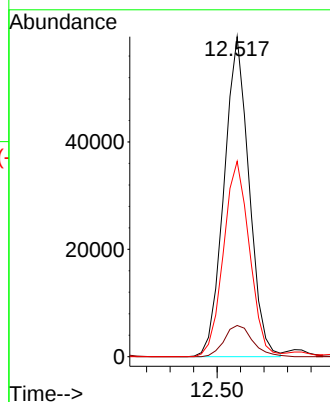
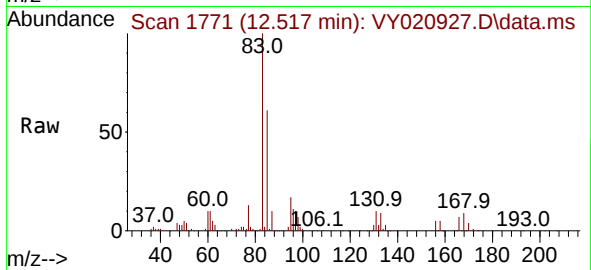
Tgt Ion: 83 Resp: 88149

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.7

85 63.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 104.204 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY020927.D

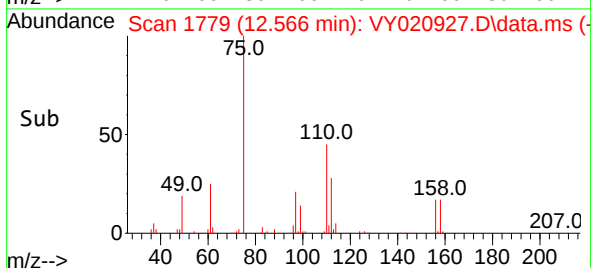
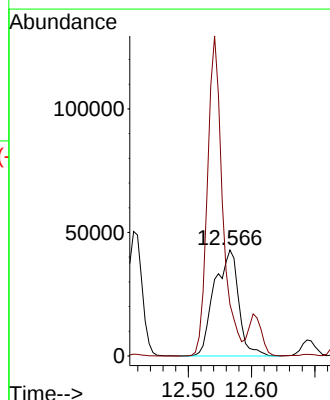
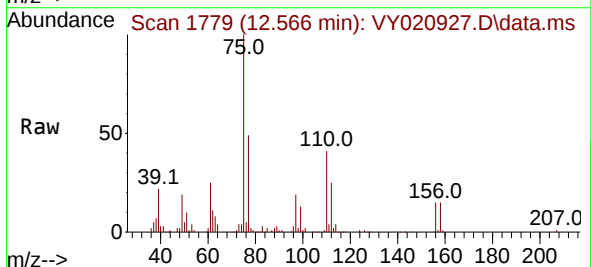
Acq: 24 Jan 2025 14:03

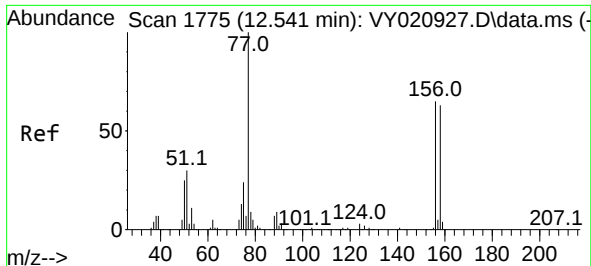
Tgt Ion: 75 Resp: 113948

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

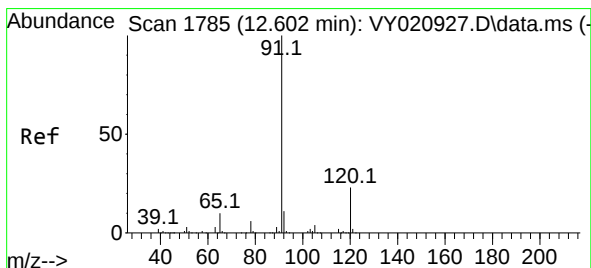
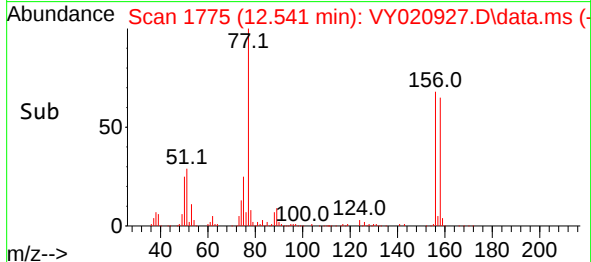
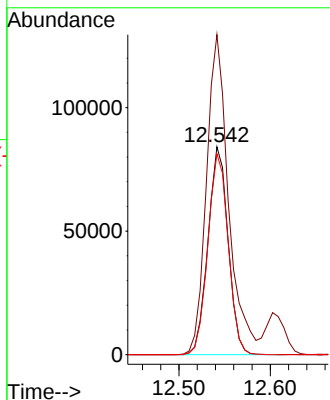
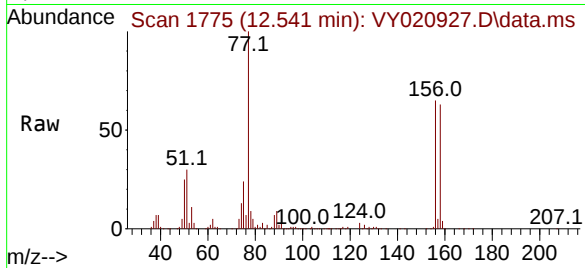




#77
Bromobenzene
Concen: 51.465 ug/l
RT: 12.541 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

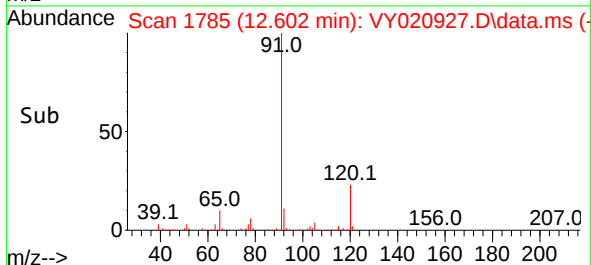
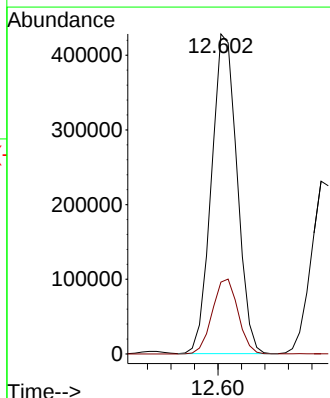
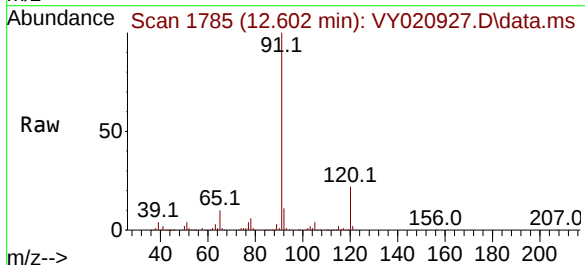
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

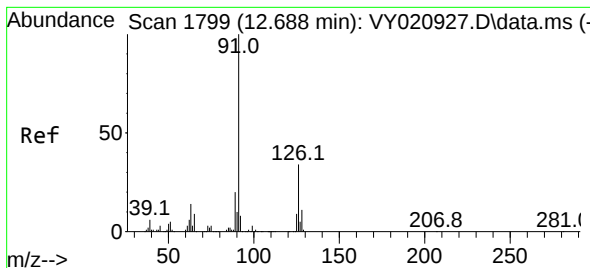
Tgt Ion:156 Resp: 128502
Ion Ratio Lower Upper
156 100
77 168.7 84.4 253.1
158 97.7 48.9 146.6



#78
n-propylbenzene
Concen: 52.174 ug/l
RT: 12.602 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

Tgt Ion: 91 Resp: 647351
Ion Ratio Lower Upper
91 100
120 23.6 11.8 35.4

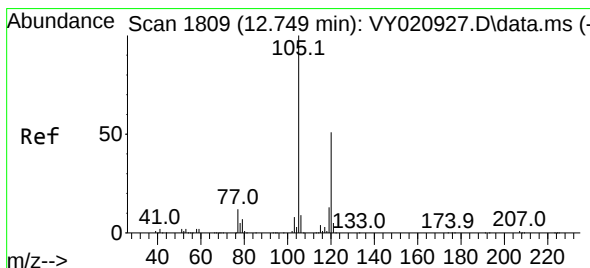
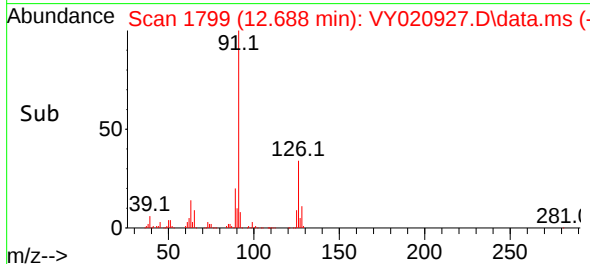
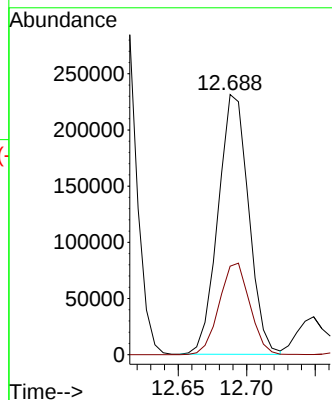
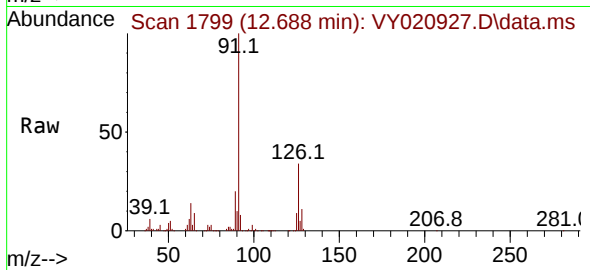




#79
2-Chlorotoluene
Concen: 51.084 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

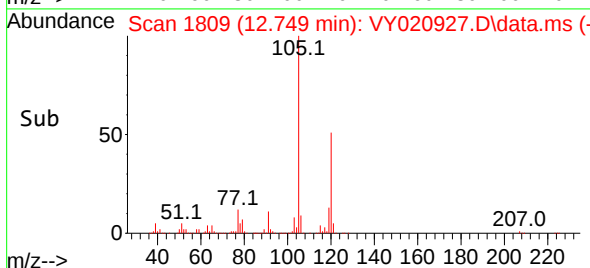
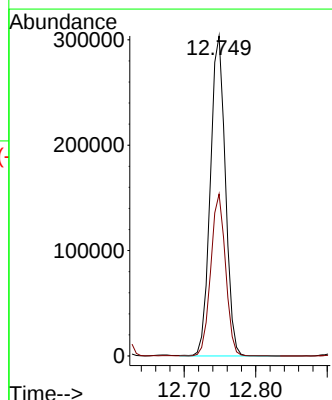
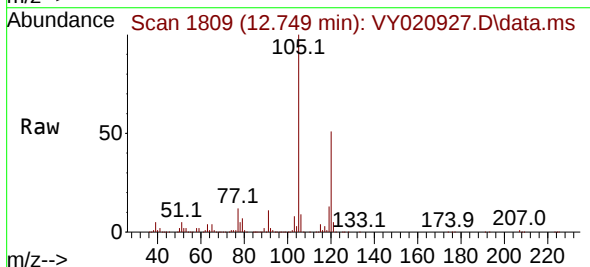
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

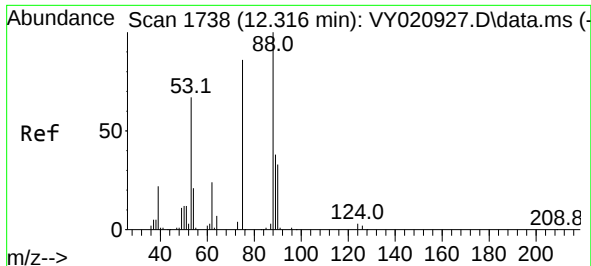
Tgt Ion: 91 Resp: 359489
Ion Ratio Lower Upper
91 100
126 35.3 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 51.738 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

Tgt Ion: 105 Resp: 442823
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.6

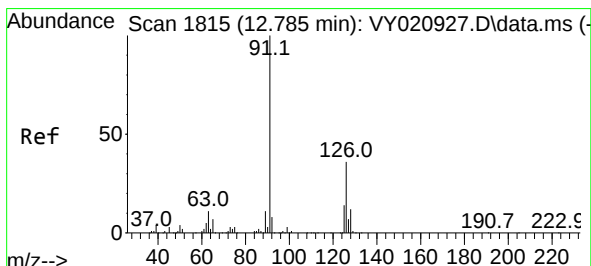
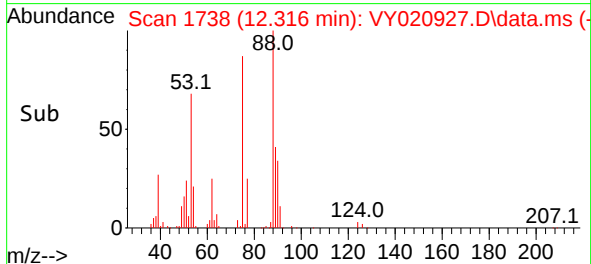
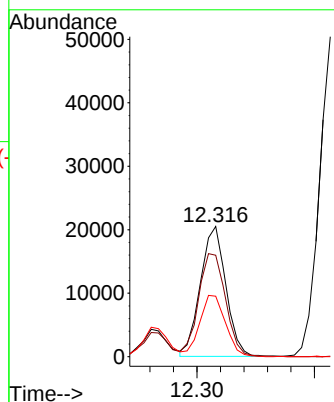
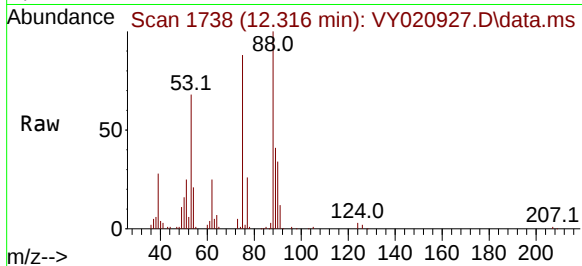




#81
trans-1,4-Dichloro-2-butene
Concen: 54.355 ug/l
RT: 12.316 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

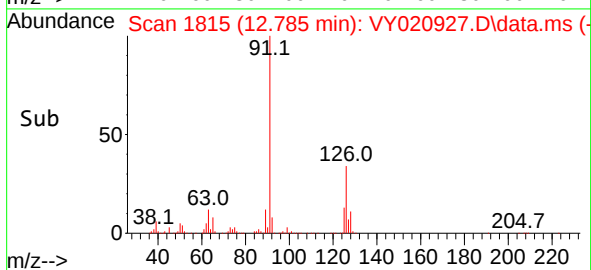
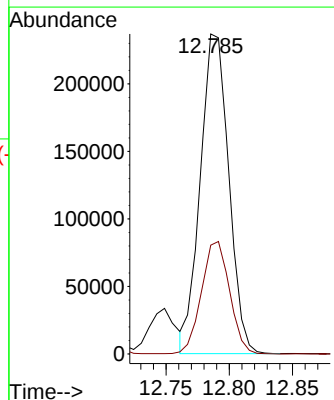
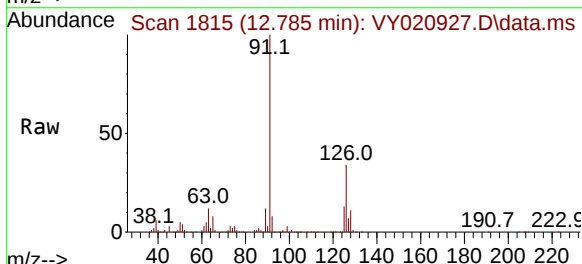
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

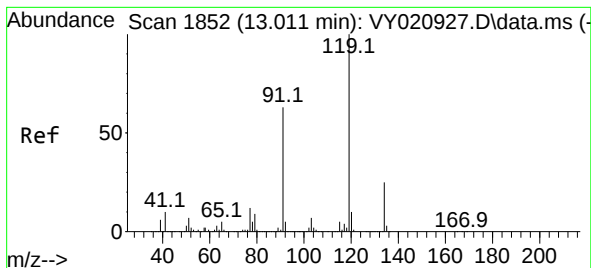
Tgt Ion: 75 Resp: 30765
Ion Ratio Lower Upper
75 100
53 84.6 67.7 101.5
89 48.0 38.4 57.6



#82
4-Chlorotoluene
Concen: 51.602 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

Tgt Ion: 91 Resp: 370813
Ion Ratio Lower Upper
91 100
126 34.9 17.4 52.3





#83

tert-Butylbenzene

Concen: 52.822 ug/l

RT: 13.011 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

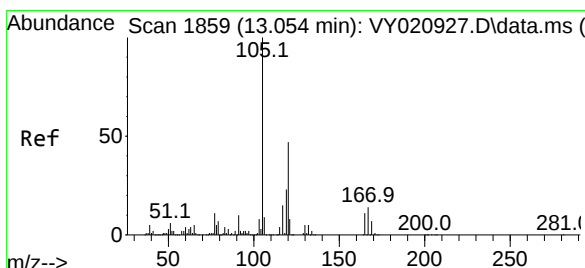
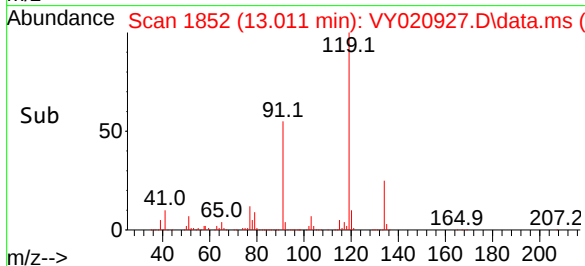
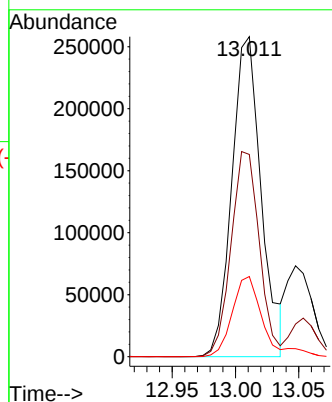
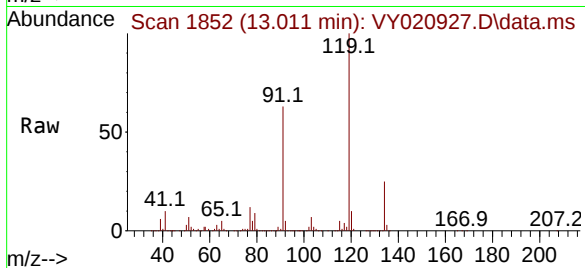
Tgt Ion:119 Resp: 417004

Ion Ratio Lower Upper

119 100

91 61.9 30.9 92.8

134 26.2 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 51.941 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.000 min

Lab File: VY020927.D

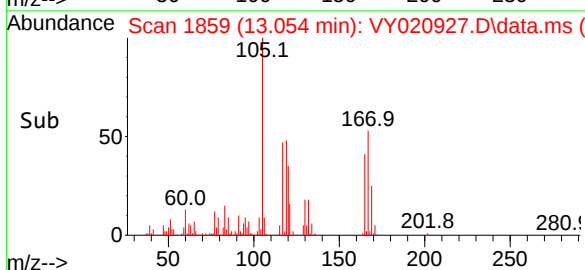
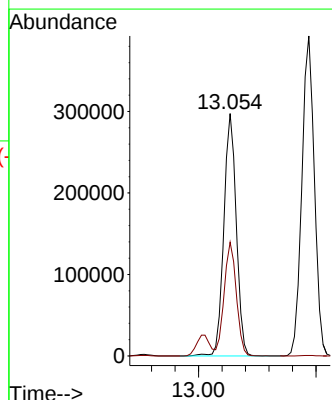
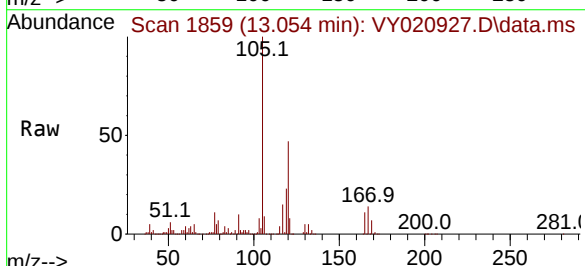
Acq: 24 Jan 2025 14:03

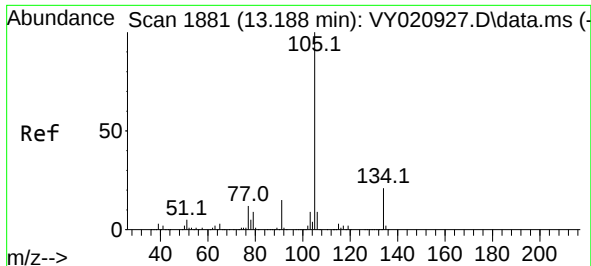
Tgt Ion:105 Resp: 437648

Ion Ratio Lower Upper

105 100

120 45.8 22.9 68.7

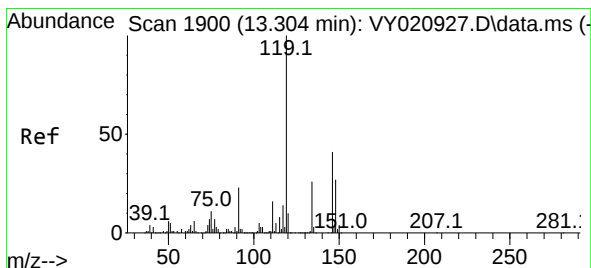
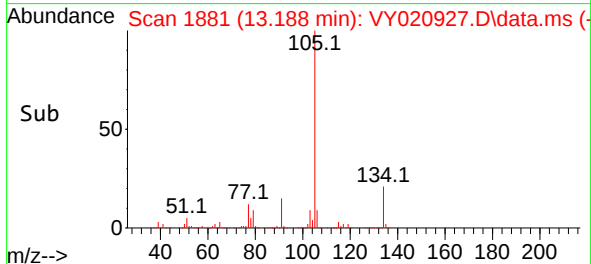
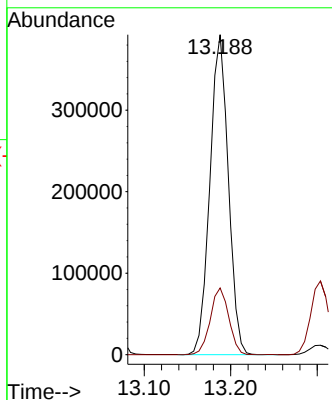
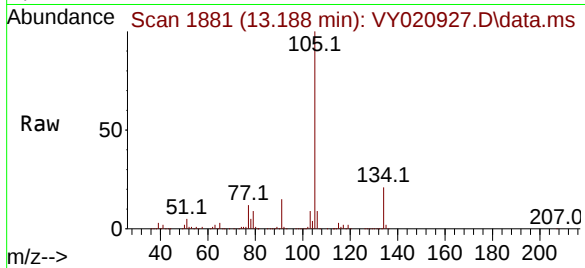




#85
 sec-Butylbenzene
 Concen: 51.453 ug/l
 RT: 13.188 min Scan# 1881
 Delta R.T. 0.000 min
 Lab File: VY020927.D
 Acq: 24 Jan 2025 14:03

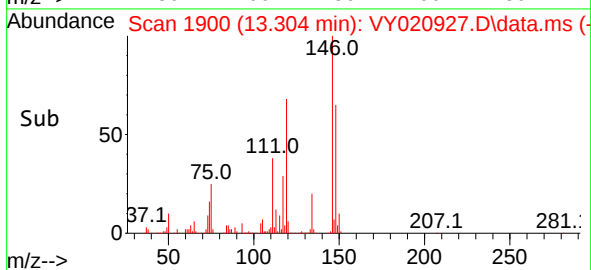
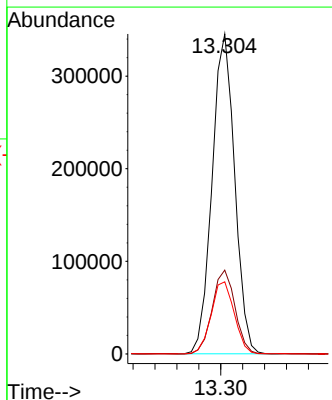
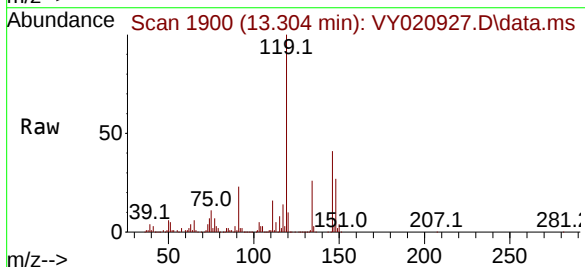
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

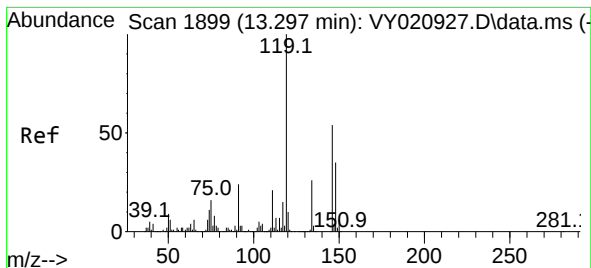
Tgt Ion:105 Resp: 579136
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 51.945 ug/l
 RT: 13.304 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VY020927.D
 Acq: 24 Jan 2025 14:03

Tgt Ion:119 Resp: 493959
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.1 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 51.366 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

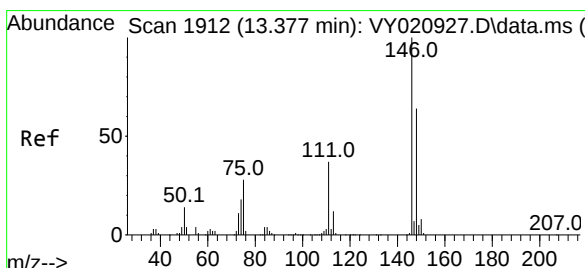
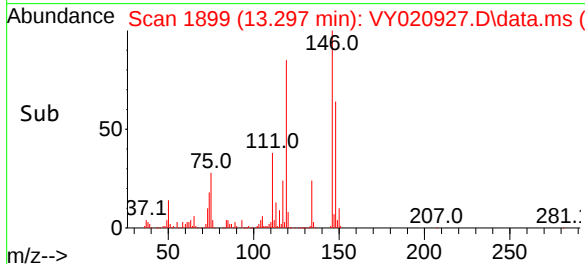
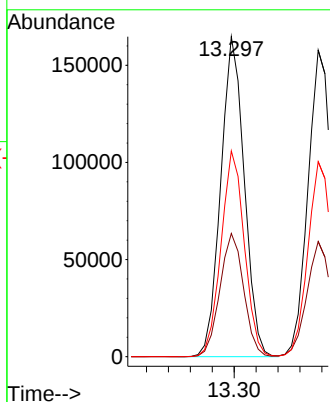
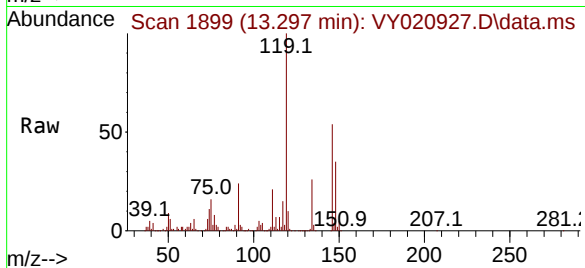
Tgt Ion:146 Resp: 245598

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

148 63.8 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 51.189 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

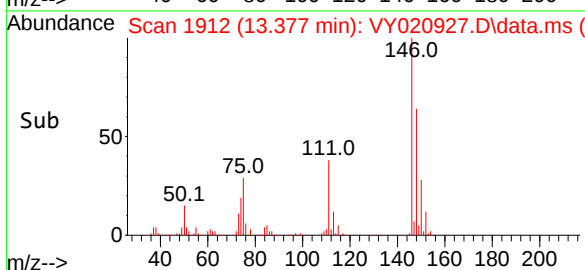
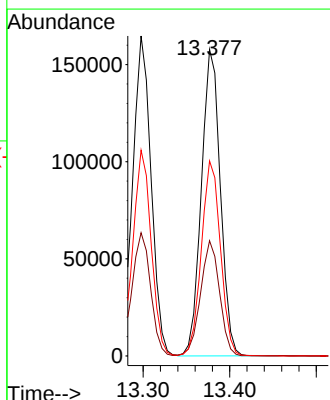
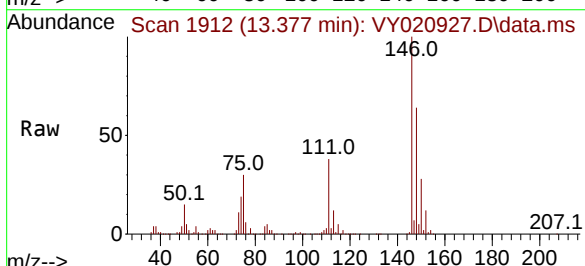
Tgt Ion:146 Resp: 240422

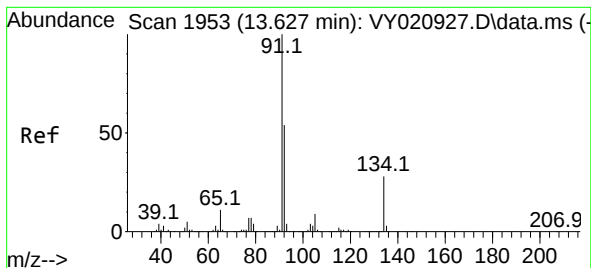
Ion Ratio Lower Upper

146 100

111 37.6 18.8 56.4

148 64.0 32.0 96.0





#89

n-Butylbenzene

Concen: 52.532 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

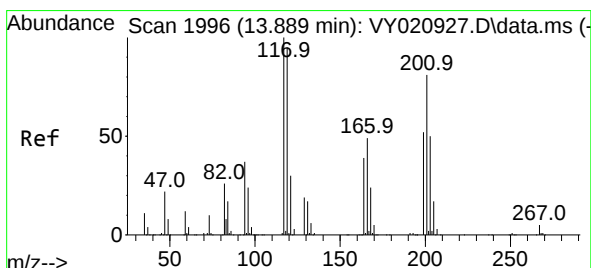
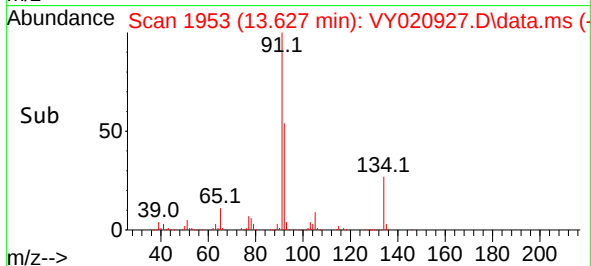
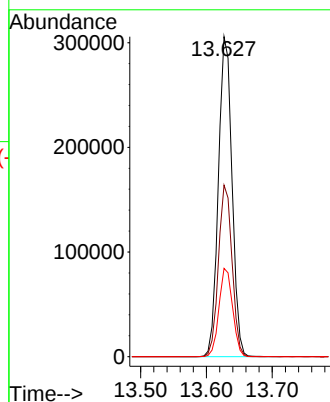
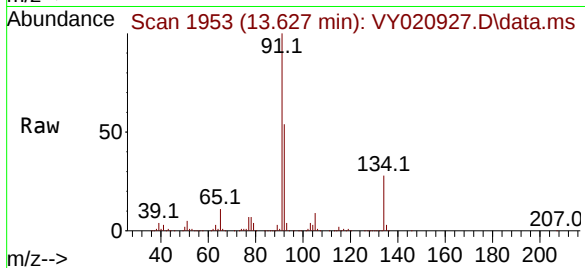
Tgt Ion: 91 Resp: 440634

Ion Ratio Lower Upper

91 100

92 53.5 26.8 80.3

134 27.6 13.8 41.4



#90

Hexachloroethane

Concen: 51.115 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VY020927.D

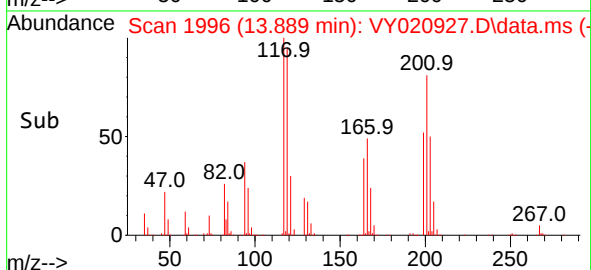
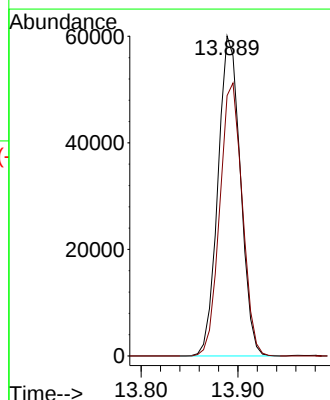
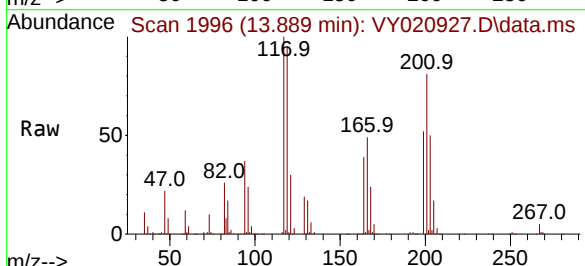
Acq: 24 Jan 2025 14:03

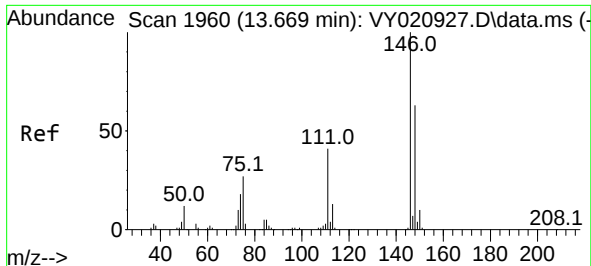
Tgt Ion: 117 Resp: 96557

Ion Ratio Lower Upper

117 100

201 85.4 42.7 128.1

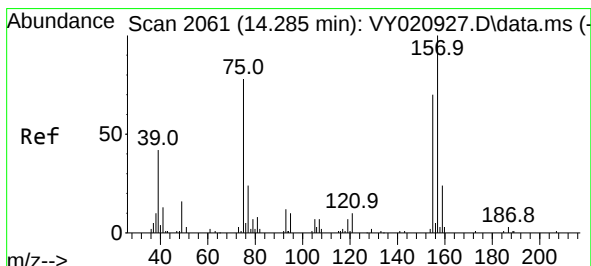
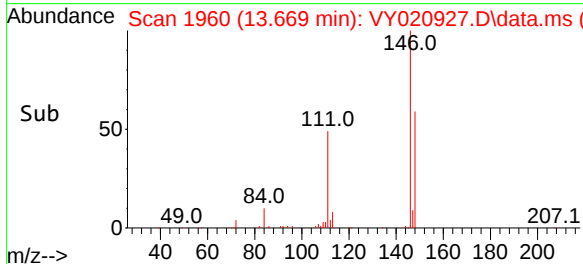
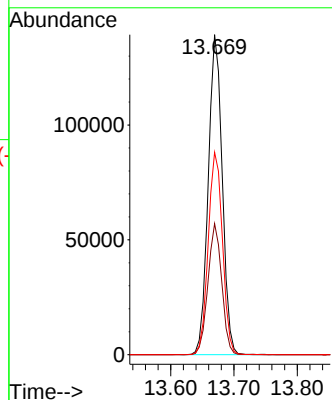
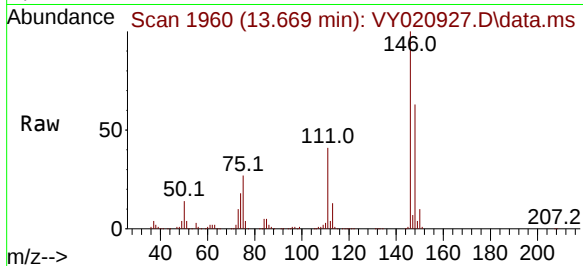




#91
1,2-Dichlorobenzene
Concen: 51.753 ug/l
RT: 13.669 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

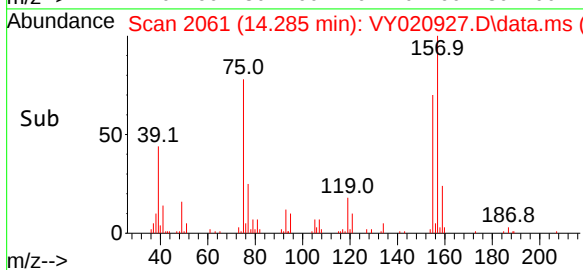
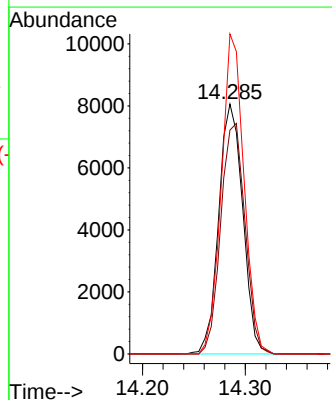
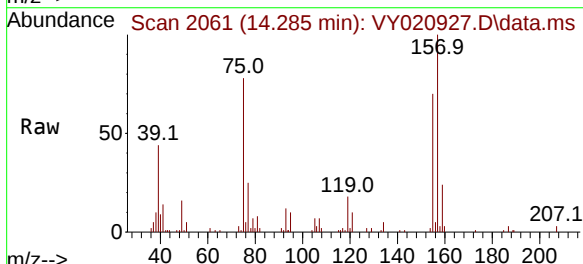
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

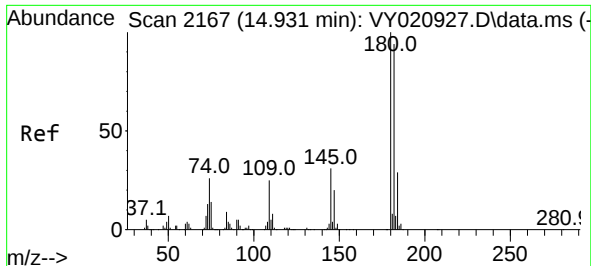
Tgt Ion:146 Resp: 214385
Ion Ratio Lower Upper
146 100
111 40.4 20.2 60.6
148 64.4 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.496 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

Tgt Ion: 75 Resp: 13070
Ion Ratio Lower Upper
75 100
155 93.1 46.6 139.7
157 120.2 60.1 180.3

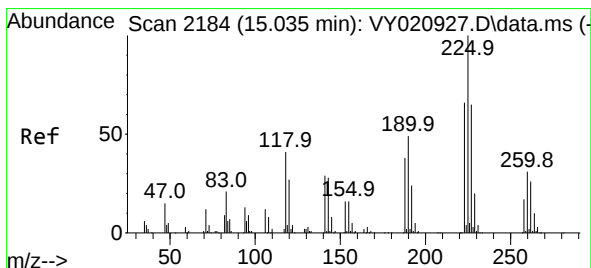
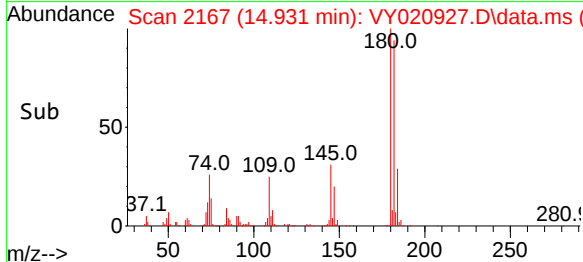
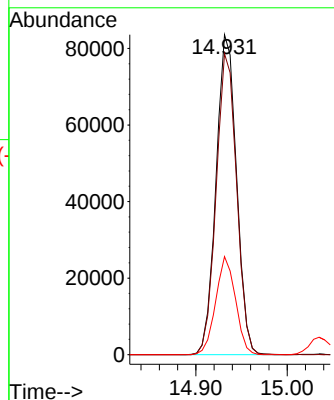
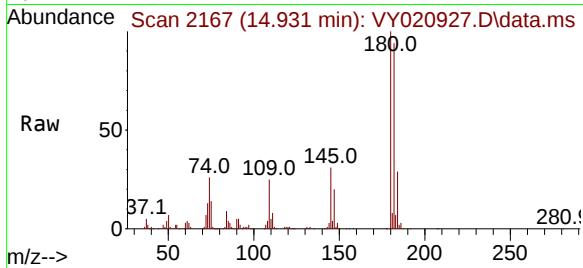




#93
1,2,4-Trichlorobenzene
Concen: 52.105 ug/l
RT: 14.931 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

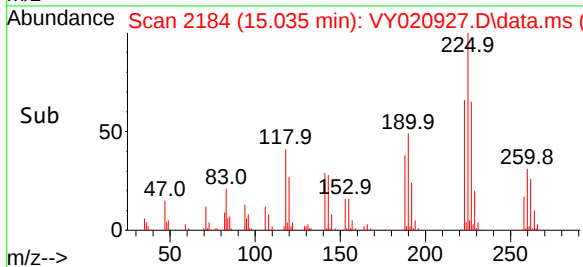
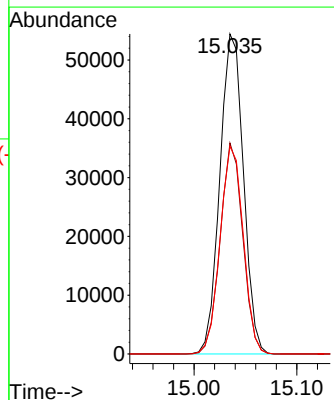
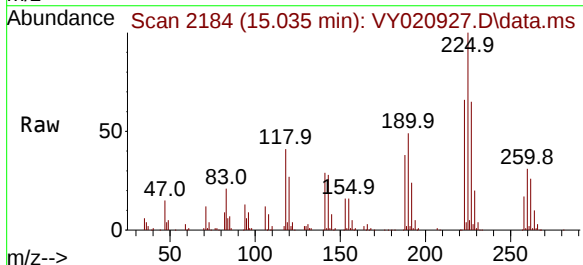
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

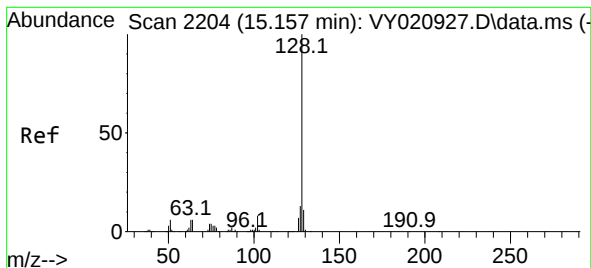
Tgt Ion:180 Resp: 129845
Ion Ratio Lower Upper
180 100
182 94.1 47.0 141.2
145 29.7 14.9 44.5



#94
Hexachlorobutadiene
Concen: 50.816 ug/l
RT: 15.035 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VY020927.D
Acq: 24 Jan 2025 14:03

Tgt Ion:225 Resp: 86640
Ion Ratio Lower Upper
225 100
223 63.0 31.5 94.5
227 63.9 31.9 95.9





#95

Naphthalene

Concen: 54.053 ug/l

RT: 15.157 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

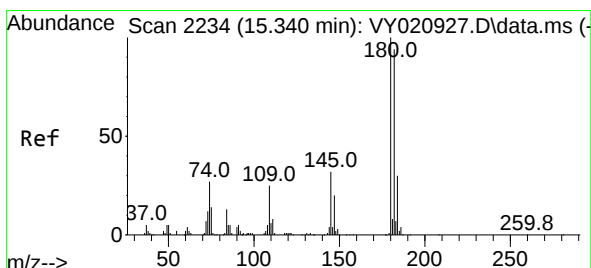
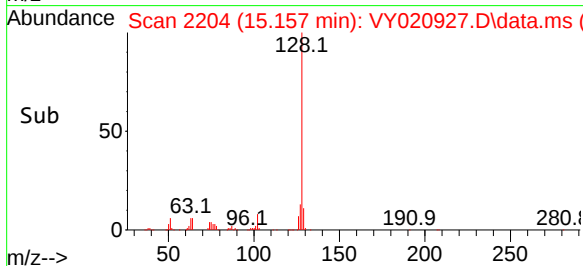
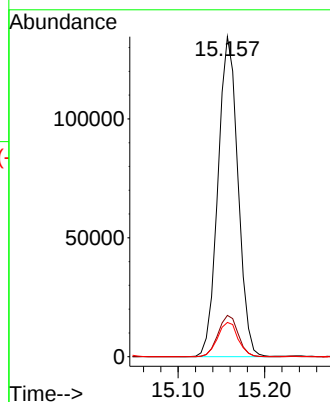
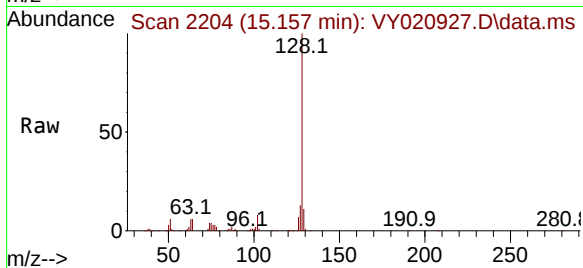
Tgt Ion:128 Resp: 216001

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.991 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020927.D

Acq: 24 Jan 2025 14:03

Tgt Ion:180 Resp: 108849

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.6

145 31.3 15.7 47.0

