

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012425\
 Data File : VY020928.D
 Acq On : 24 Jan 2025 14:27
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 25 00:47:17 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	7.720	168	282540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	407800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	349414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	166827	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	208610	92.604	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 185.200%#	
35) Dibromofluoromethane	7.646	113	224939	96.082	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 192.160%#	
50) Toluene-d8	10.115	98	881343	97.056	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 194.120%#	
62) 4-Bromofluorobenzene	12.414	95	292974	96.943	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 193.880%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	189405	88.631	ug/l	98
3) Chloromethane	2.074	50	133985	84.298	ug/l	99
4) Vinyl Chloride	2.214	62	153325	88.510	ug/l	99
5) Bromomethane	2.605	94	94286	80.360	ug/l	99
6) Chloroethane	2.745	64	89293	87.860	ug/l	98
7) Trichlorofluoromethane	3.074	101	328980	89.383	ug/l	96
8) Diethyl Ether	3.464	74	99004	87.522	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.830	101	215677	88.810	ug/l	99
10) Methyl Iodide	4.019	142	274036	94.685	ug/l	100
11) Tert butyl alcohol	4.885	59	57512	330.716	ug/l	100
12) 1,1-Dichloroethene	3.806	96	206431	90.009	ug/l	97
13) Acrolein	3.665	56	111679	473.717	ug/l	99
14) Allyl chloride	4.397	41	291746	91.141	ug/l	99
15) Acrylonitrile	5.074	53	192677	433.320	ug/l	99
16) Acetone	3.879	43	124962	409.423	ug/l	99
17) Carbon Disulfide	4.123	76	638946	90.211	ug/l	99
18) Methyl Acetate	4.397	43	95074	86.229	ug/l	98
19) Methyl tert-butyl Ether	5.135	73	476229	89.651	ug/l	98
20) Methylene Chloride	4.629	84	197385	86.956	ug/l	98
21) trans-1,2-Dichloroethene	5.135	96	219270	88.675	ug/l	97
22) Diisopropyl ether	6.031	45	578872	89.904	ug/l	97
23) Vinyl Acetate	5.976	43	1603784	450.057	ug/l	99
24) 1,1-Dichloroethane	5.933	63	365835	89.632	ug/l	99
25) 2-Butanone	6.903	43	219468	424.490	ug/l	94
26) 2,2-Dichloropropane	6.903	77	351871	87.525	ug/l	99
27) cis-1,2-Dichloroethene	6.903	96	253869	90.970	ug/l	98
28) Bromochloromethane	7.262	49	167265	101.825	ug/l	100
29) Tetrahydrofuran	7.274	42	149724	434.525	ug/l	99
30) Chloroform	7.433	83	385461	89.231	ug/l	98
31) Cyclohexane	7.713	56	341752	85.192	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	374729	89.432	ug/l	99
36) 1,1-Dichloropropene	7.848	75	294814	90.195	ug/l	100
37) Ethyl Acetate	6.994	43	107870	85.060	ug/l	99
38) Carbon Tetrachloride	7.829	117	357344	90.655	ug/l	99
39) Methylcyclohexane	9.122	83	409823	92.613	ug/l	98
40) Benzene	8.091	78	865598	90.267	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	56225	83.928	ug/l	94
42) 1,2-Dichloroethane	8.171	62	213394	89.434	ug/l	99
43) Isopropyl Acetate	8.207	43	219926	91.453	ug/l	100
44) Trichloroethene	8.878	130	236860	90.920	ug/l	97
45) 1,2-Dichloropropane	9.152	63	192102	90.754	ug/l	95
46) Dibromomethane	9.244	93	109628	91.101	ug/l	100
47) Bromodichloromethane	9.433	83	291669	91.093	ug/l	97
48) Methyl methacrylate	9.231	41	105979	93.423	ug/l	99
49) 1,4-Dioxane	9.244	88	21222	1712.802	ug/l	90
51) 4-Methyl-2-Pentanone	10.006	43	538072	443.751	ug/l	98
52) Toluene	10.182	92	564309	91.501	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	273986	93.326	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	322850	92.097	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	145718	89.583	ug/l	99
56) Ethyl methacrylate	10.445	69	204882	96.109	ug/l	99
57) 1,3-Dichloropropane	10.725	76	248600	89.965	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	485670	501.962	ug/l	99
59) 2-Hexanone	10.768	43	362194	464.523	ug/l	100
60) Dibromochloromethane	10.920	129	209354	91.449	ug/l	99
61) 1,2-Dibromoethane	11.024	107	138031	88.720	ug/l	99
64) Tetrachloroethene	10.658	164	217960	89.636	ug/l	97
65) Chlorobenzene	11.451	112	615992	90.152	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	216799	89.289	ug/l	100
67) Ethyl Benzene	11.530	91	1093665	91.728	ug/l	100
68) m/p-Xylenes	11.640	106	832825	182.420	ug/l	99
69) o-Xylene	11.963	106	390419	91.551	ug/l	99
70) Styrene	11.981	104	647407	92.633	ug/l	99
71) Bromoform	12.139	173	123511	89.832	ug/l #	100
73) Isopropylbenzene	12.261	105	1050644	91.442	ug/l	100
74) N-amyl acetate	12.078	43	194951	95.353	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.517	83	156451	87.516	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	207138	175.611	ug/l #	100
77) Bromobenzene	12.542	156	242559	90.061	ug/l	99
78) n-propylbenzene	12.603	91	1218093	91.014	ug/l	100
79) 2-Chlorotoluene	12.688	91	688504	90.703	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	839826	90.967	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	57206	93.700	ug/l	98
82) 4-Chlorotoluene	12.786	91	691697	89.236	ug/l	99
83) tert-Butylbenzene	13.005	119	776794	91.221	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	827928	91.094	ug/l	100
85) sec-Butylbenzene	13.182	105	1108307	91.286	ug/l	100
86) p-Isopropyltoluene	13.304	119	941137	91.754	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	457480	88.704	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	444967	87.830	ug/l	99
89) n-Butylbenzene	13.627	91	846273	93.535	ug/l	99
90) Hexachloroethane	13.889	117	188537	92.529	ug/l	99
91) 1,2-Dichlorobenzene	13.670	146	394224	88.227	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	23342	86.917	ug/l	94
93) 1,2,4-Trichlorobenzene	14.932	180	260768	97.012	ug/l	100
94) Hexachlorobutadiene	15.035	225	171097	93.034	ug/l	100
95) Naphthalene	15.157	128	427889	99.269	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	217070	96.121	ug/l	99

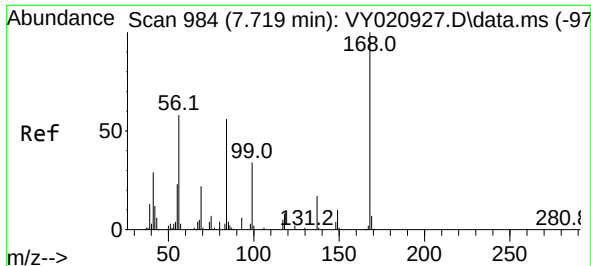
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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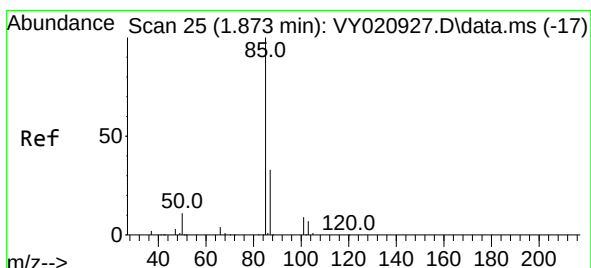
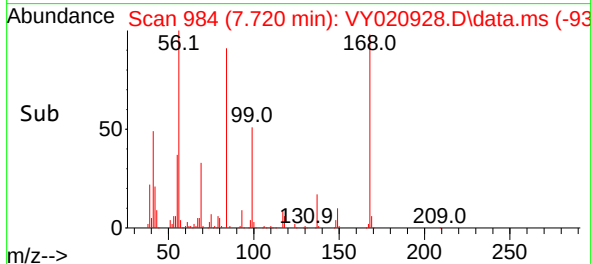
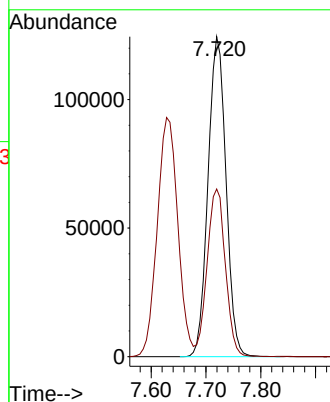
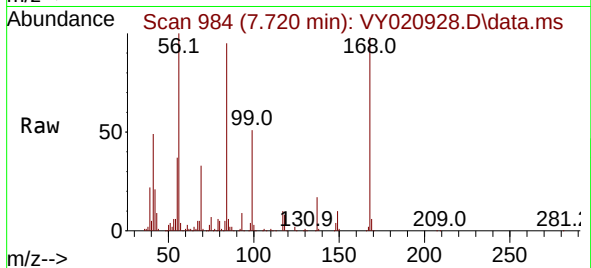
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020928.D
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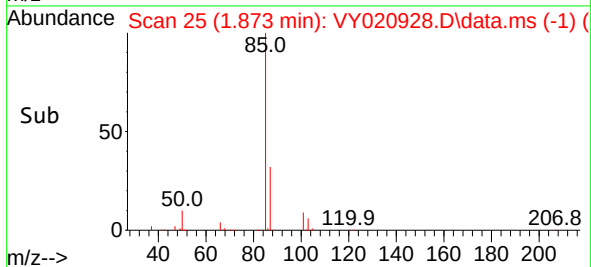
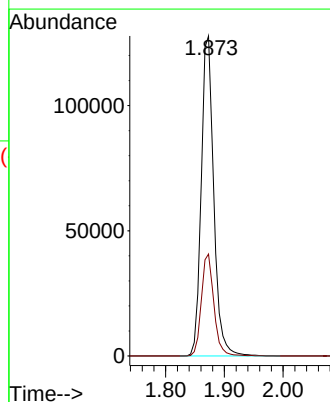
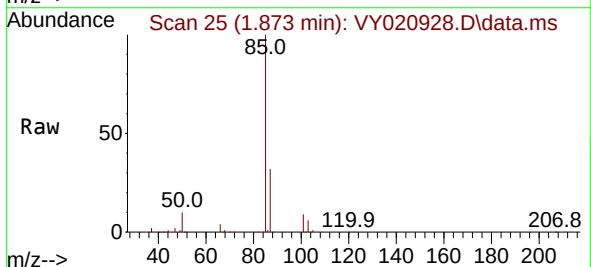
Instrument :
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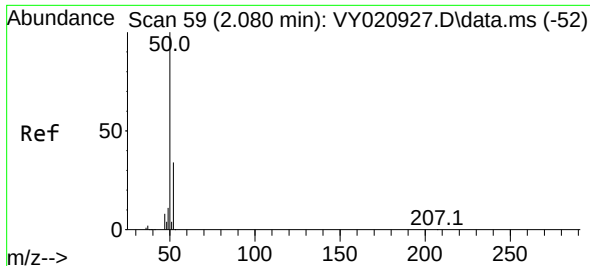
Tgt Ion:168 Resp: 282540
Ion Ratio Lower Upper
168 100
99 52.3 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 88.631 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 85 Resp: 189405
Ion Ratio Lower Upper
85 100
87 31.8 16.6 49.8

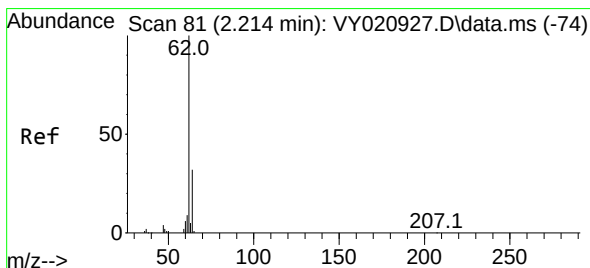
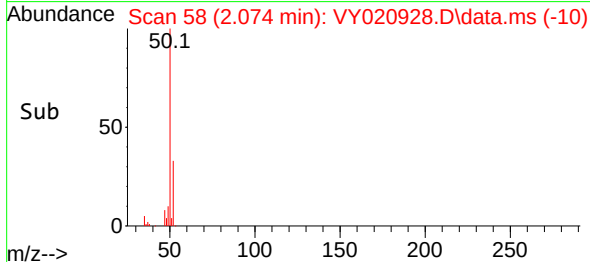
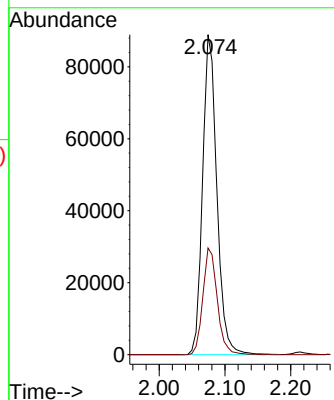
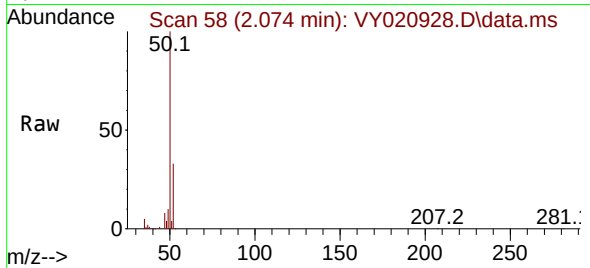




#3
Chloromethane
Concen: 84.298 ug/l
RT: 2.074 min Scan# 59
Delta R.T. -0.006 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

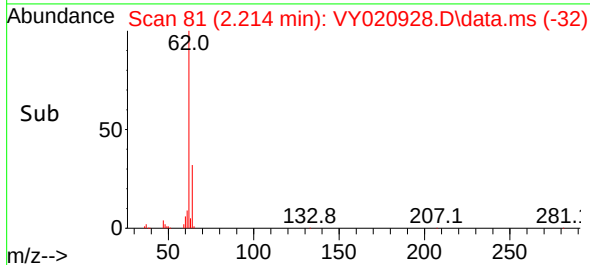
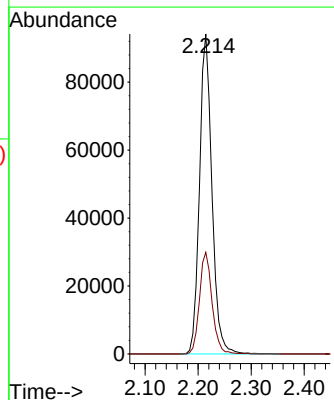
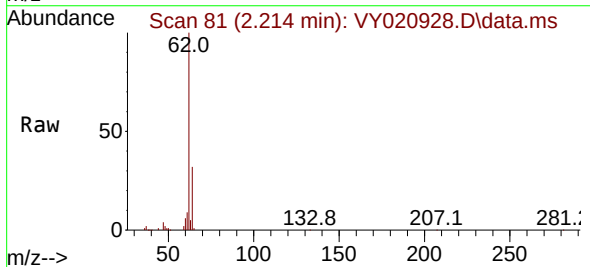
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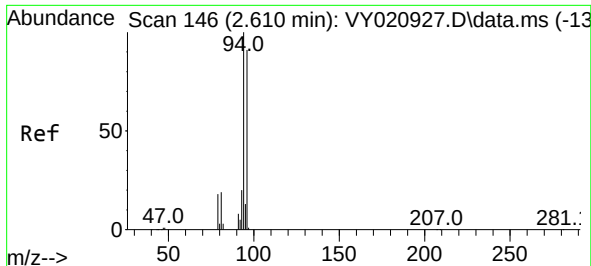
Tgt Ion: 50 Resp: 133985
Ion Ratio Lower Upper
50 100
52 33.4 27.4 41.0



#4
Vinyl Chloride
Concen: 88.510 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 62 Resp: 153325
Ion Ratio Lower Upper
62 100
64 31.7 25.7 38.5

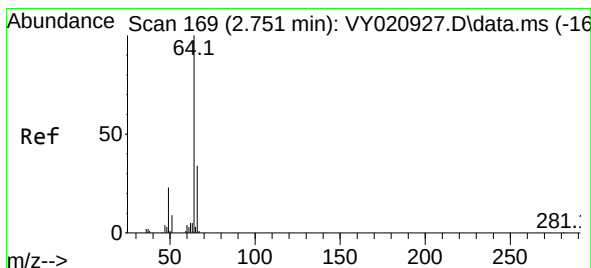
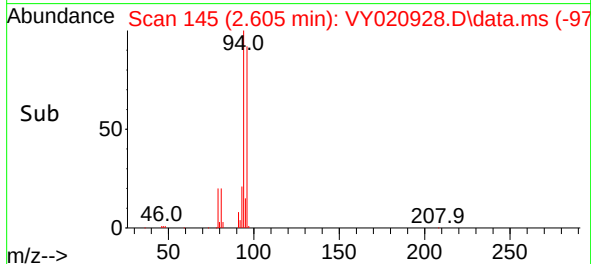
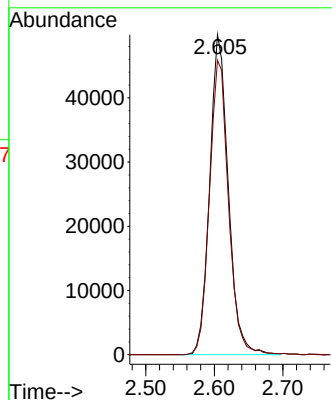
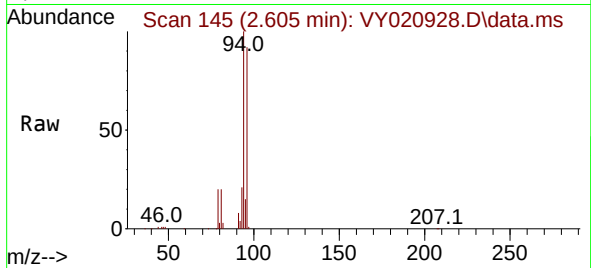




#5
Bromomethane
Concen: 80.360 ug/l
RT: 2.605 min Scan# 146
Delta R.T. -0.006 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

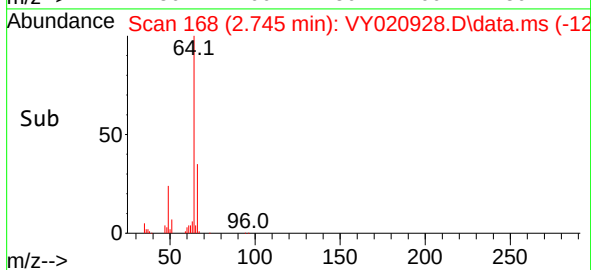
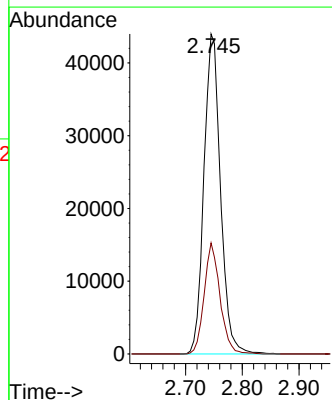
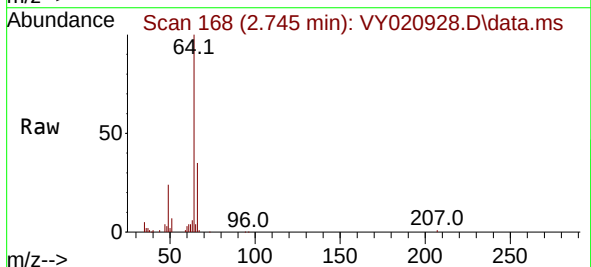
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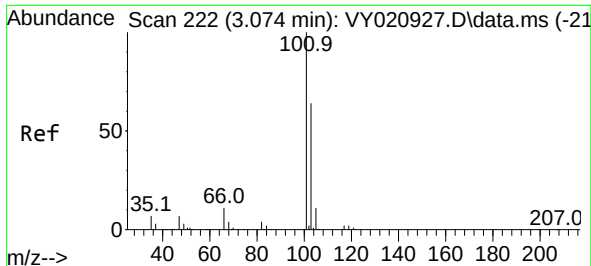
Tgt Ion: 94 Resp: 94286
Ion Ratio Lower Upper
94 100
96 92.0 72.6 109.0



#6
Chloroethane
Concen: 87.860 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.006 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 64 Resp: 89293
Ion Ratio Lower Upper
64 100
66 34.7 26.9 40.3

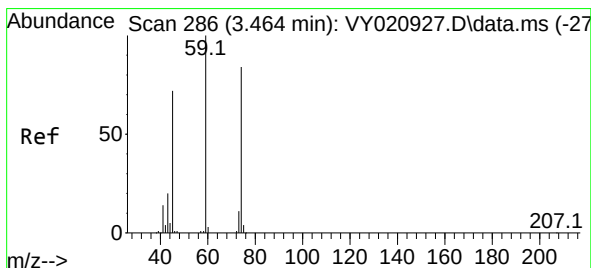
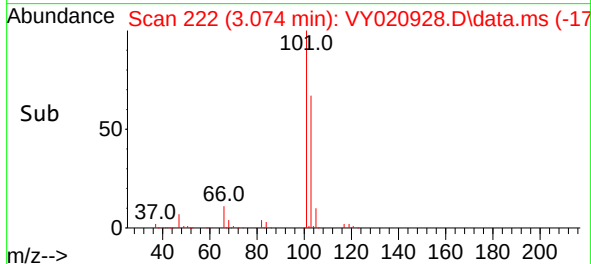
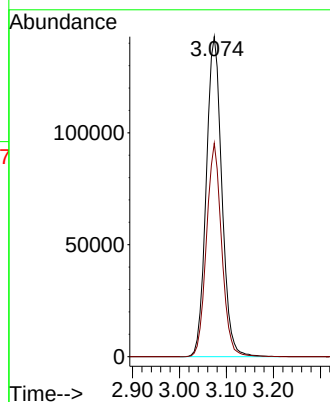
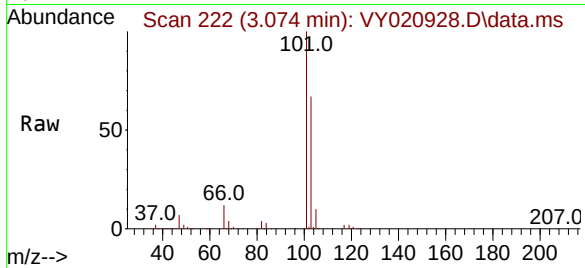




#7
 Trichlorofluoromethane
 Concen: 89.383 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY020928.D
 Acq: 24 Jan 2025 14:27

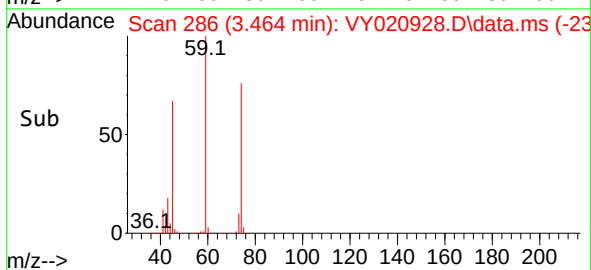
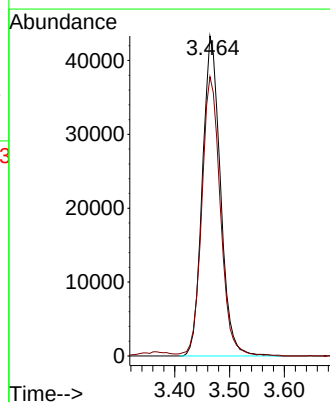
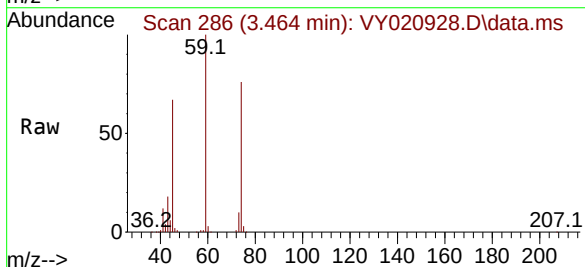
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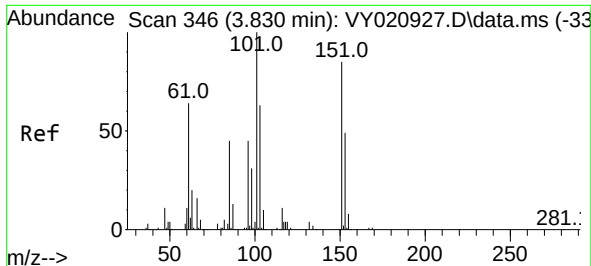
Tgt Ion:101 Resp: 328980
 Ion Ratio Lower Upper
 101 100
 103 66.7 51.0 76.4



#8
 Diethyl Ether
 Concen: 87.522 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.000 min
 Lab File: VY020928.D
 Acq: 24 Jan 2025 14:27

Tgt Ion: 74 Resp: 99004
 Ion Ratio Lower Upper
 74 100
 45 90.1 45.1 135.2

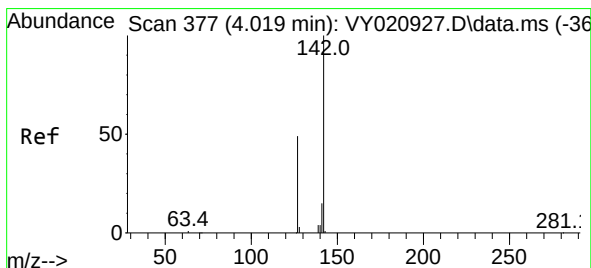
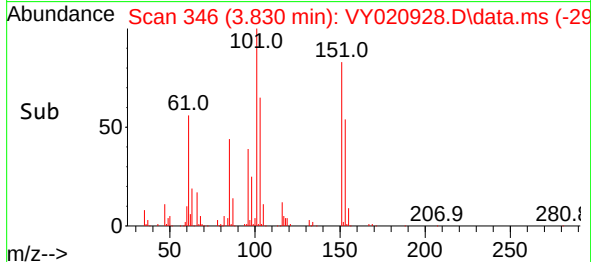
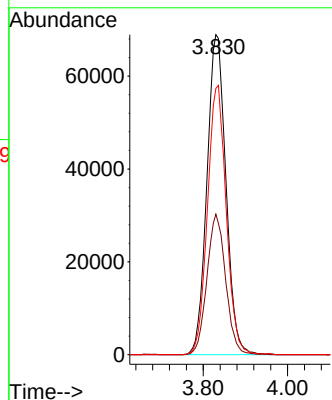
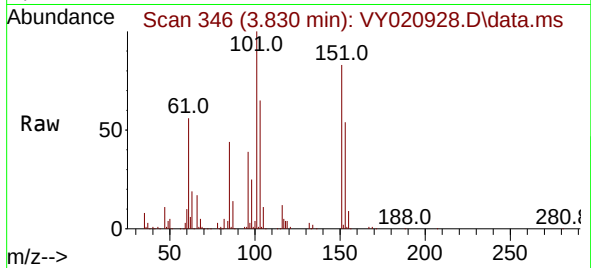




#9
1,1,2-Trichlorotrifluoroethane
Concen: 88.810 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY020928.D
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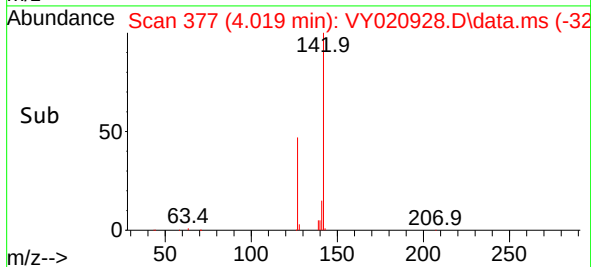
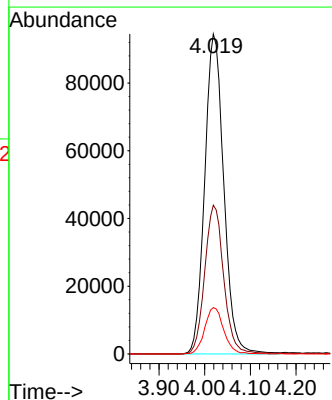
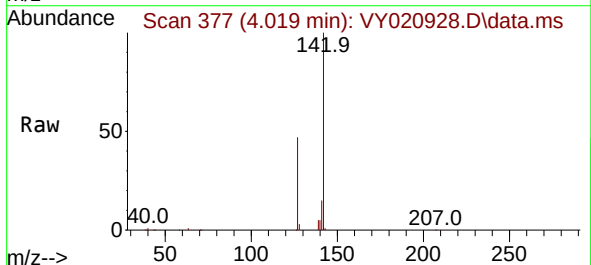
Instrument :
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ClientSampleId :
VSTDIC100

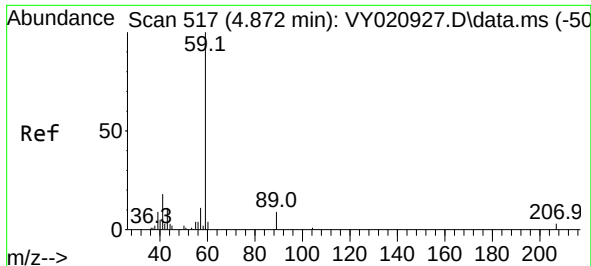
Tgt Ion:101 Resp: 215677
Ion Ratio Lower Upper
101 100
85 43.3 35.4 53.2
151 83.3 66.3 99.5



#10
Methyl Iodide
Concen: 94.685 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion:142 Resp: 274036
Ion Ratio Lower Upper
142 100
127 46.4 37.3 55.9
141 14.5 11.4 17.2

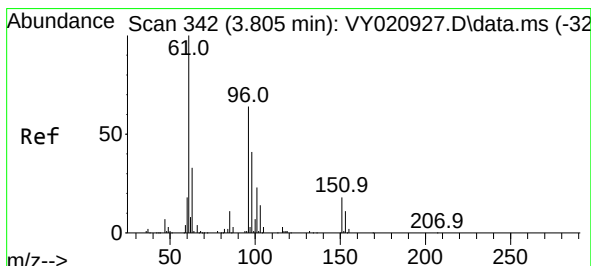
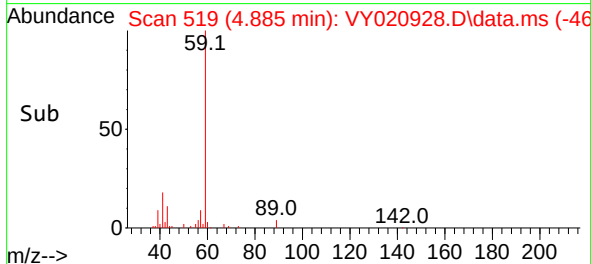
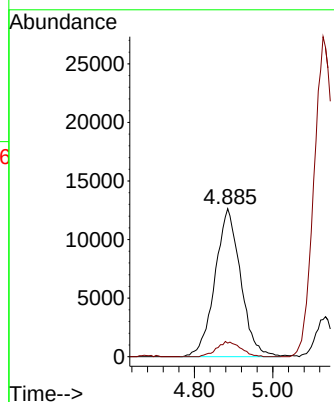
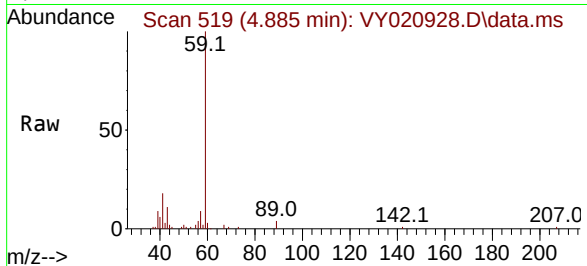




#11
Tert butyl alcohol
Concen: 330.716 ug/l
RT: 4.885 min Scan# 517
Delta R.T. 0.013 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

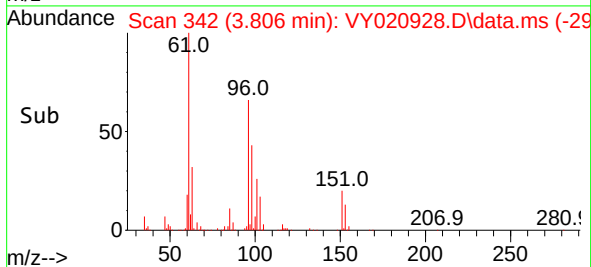
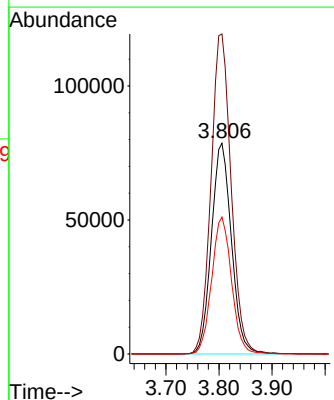
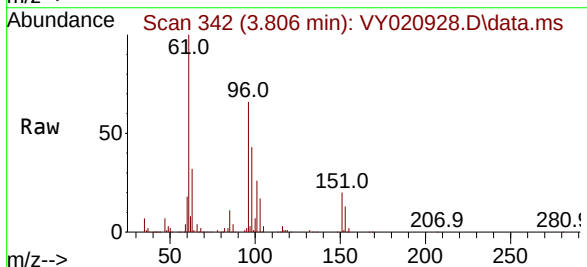
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

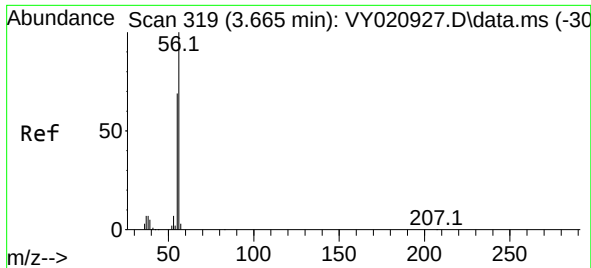
Tgt Ion: 59 Resp: 57512
Ion Ratio Lower Upper
59 100
57 9.5 7.7 11.5



#12
1,1-Dichloroethene
Concen: 90.009 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 96 Resp: 206431
Ion Ratio Lower Upper
96 100
61 151.9 124.5 186.7
98 65.0 50.5 75.7

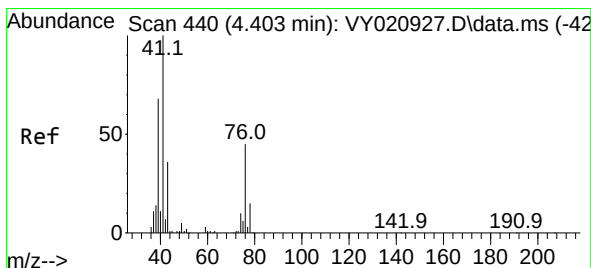
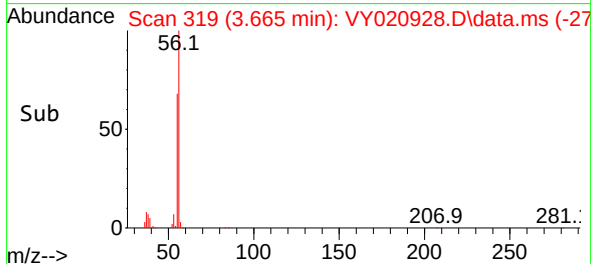
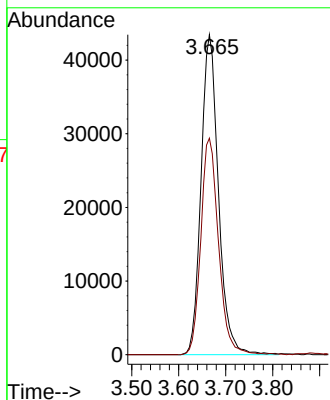
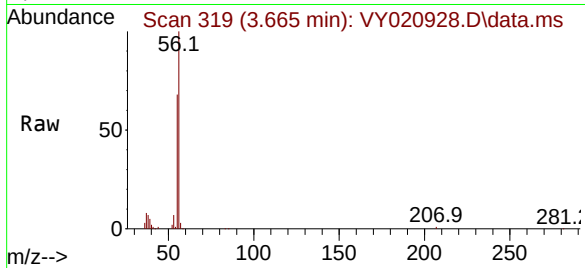




#13
Acrolein
Concen: 473.717 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

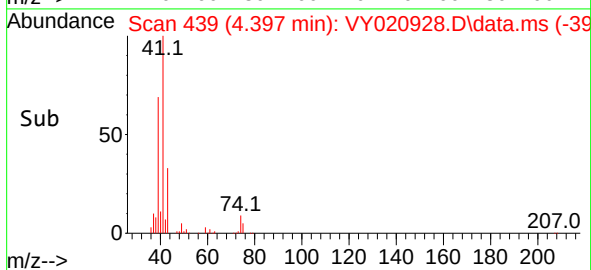
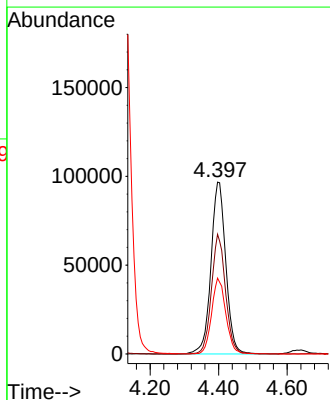
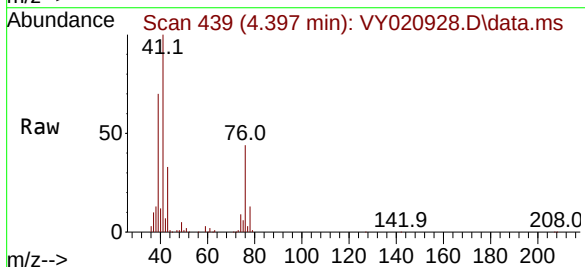
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

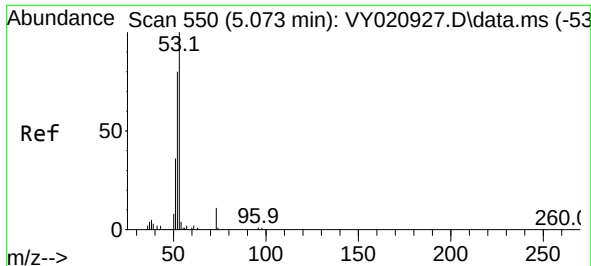
Tgt Ion: 56 Resp: 111679
Ion Ratio Lower Upper
56 100
55 68.9 54.6 81.8



#14
Allyl chloride
Concen: 91.141 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 41 Resp: 291746
Ion Ratio Lower Upper
41 100
39 66.1 53.8 80.6
76 42.1 34.2 51.4

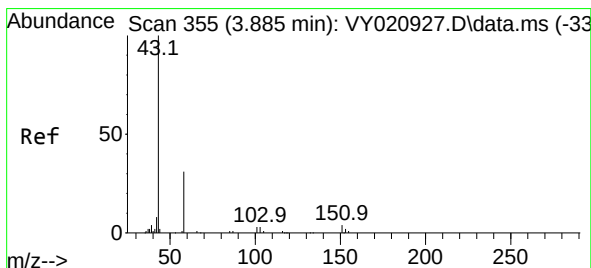
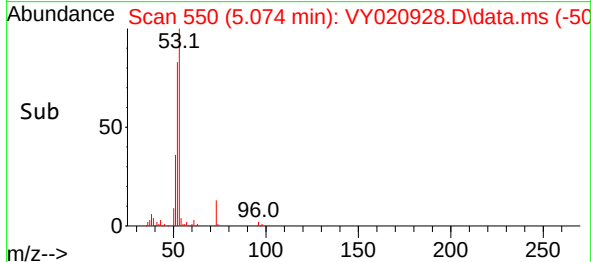
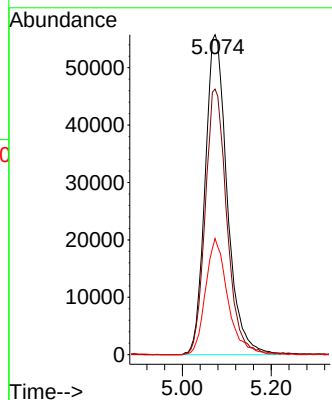
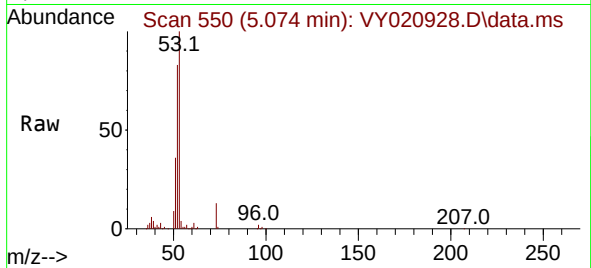




#15
Acrylonitrile
Concen: 433.320 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

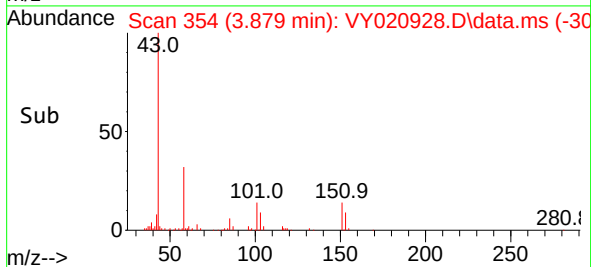
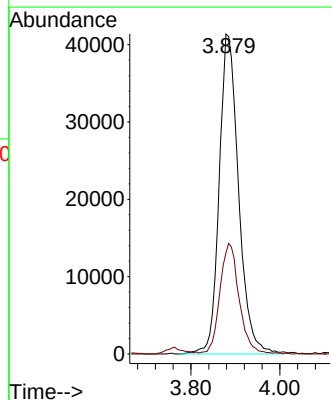
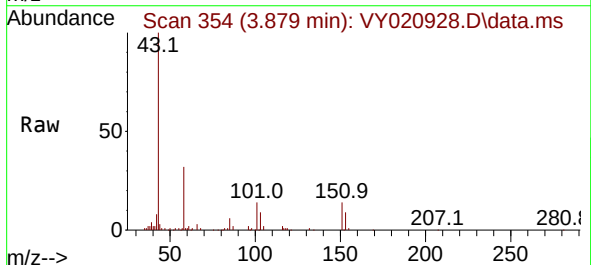
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

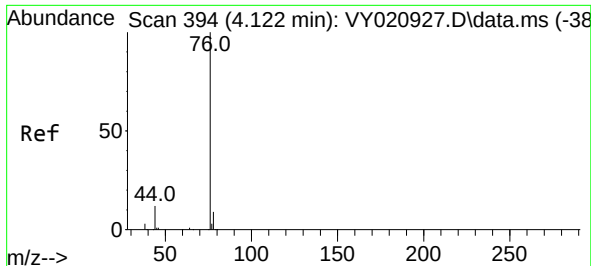
Tgt Ion: 53 Resp: 192677
Ion Ratio Lower Upper
53 100
52 81.5 64.5 96.7
51 36.7 28.9 43.3



#16
Acetone
Concen: 409.423 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 43 Resp: 124962
Ion Ratio Lower Upper
43 100
58 31.4 25.6 38.4

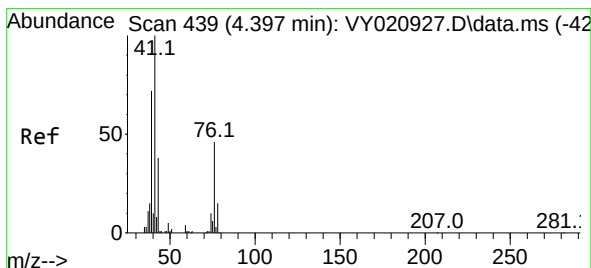
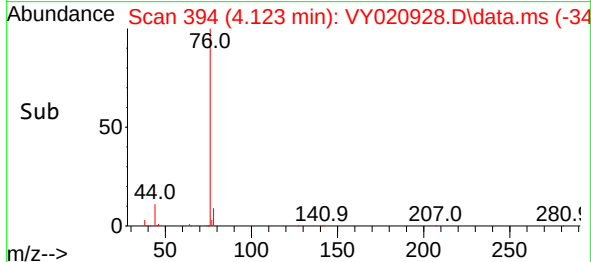
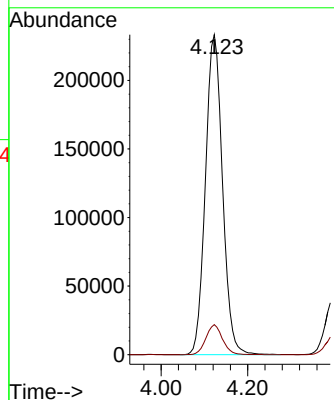
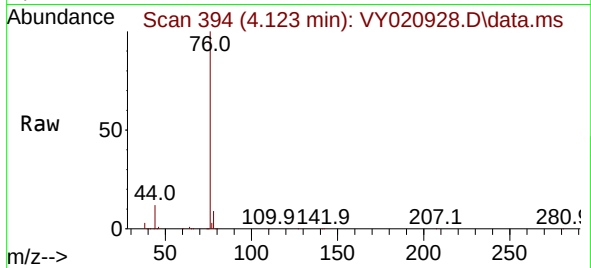




#17
Carbon Disulfide
Concen: 90.211 ug/l
RT: 4.123 min Scan# 394
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

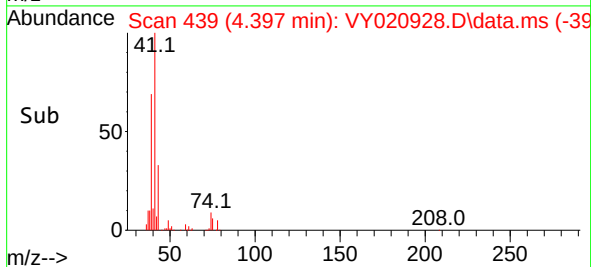
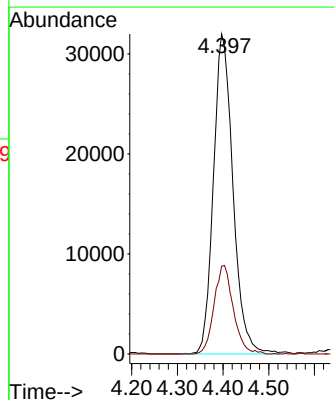
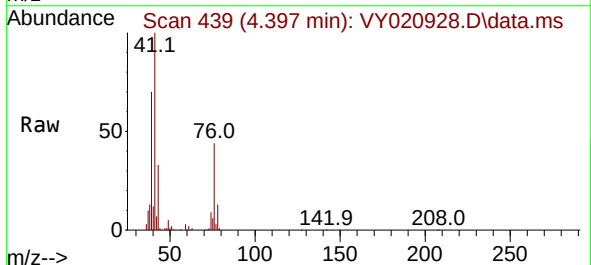
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

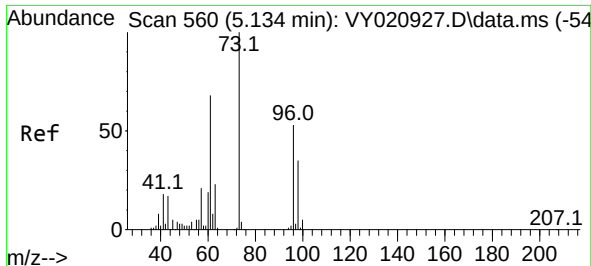
Tgt Ion: 76 Resp: 638946
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 86.229 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 43 Resp: 95074
Ion Ratio Lower Upper
43 100
74 27.3 21.0 31.6

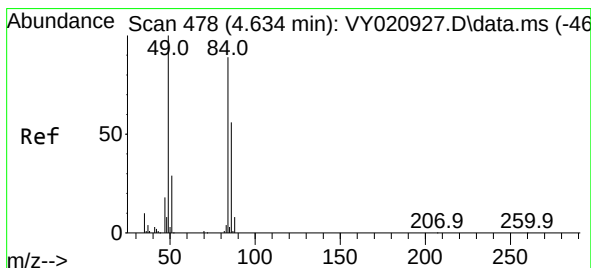
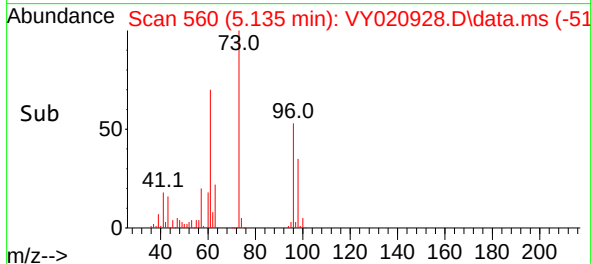
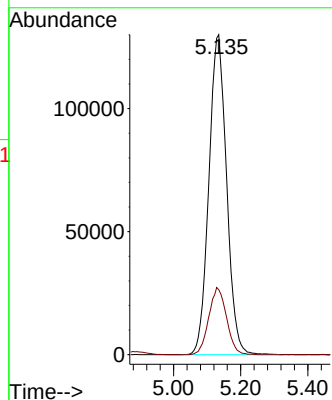
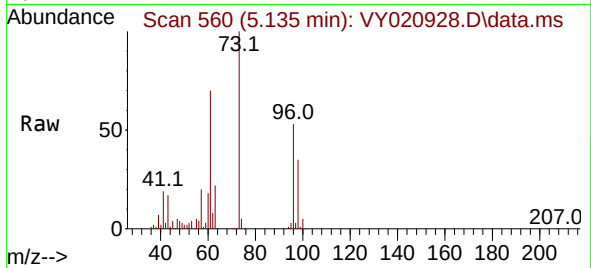




#19
Methyl tert-butyl Ether
Concen: 89.651 ug/l
RT: 5.135 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

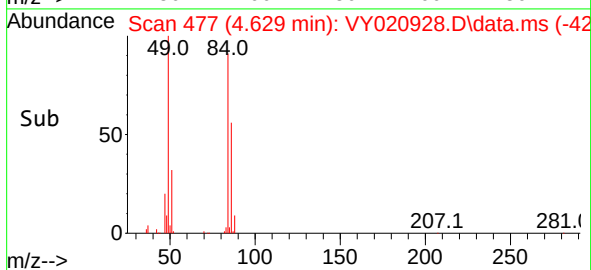
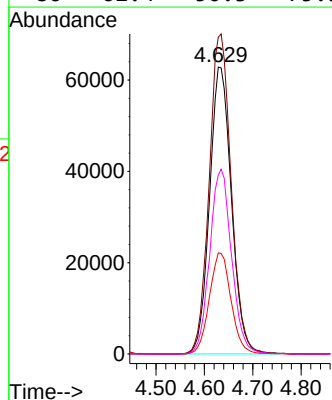
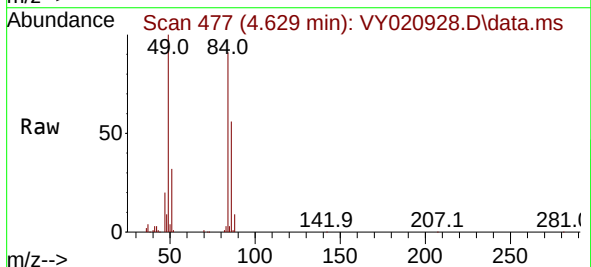
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

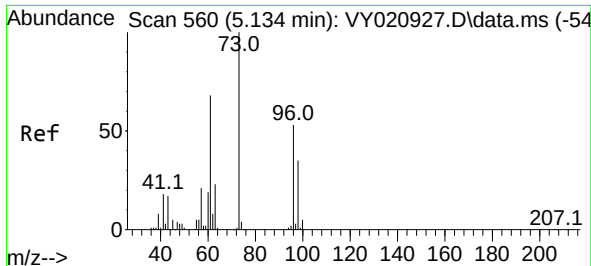
Tgt Ion: 73 Resp: 476229
Ion Ratio Lower Upper
73 100
57 20.3 17.0 25.6



#20
Methylene Chloride
Concen: 86.956 ug/l
RT: 4.629 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 84 Resp: 197385
Ion Ratio Lower Upper
84 100
49 110.4 90.3 135.5
51 35.3 26.6 39.8
86 62.4 50.3 75.5

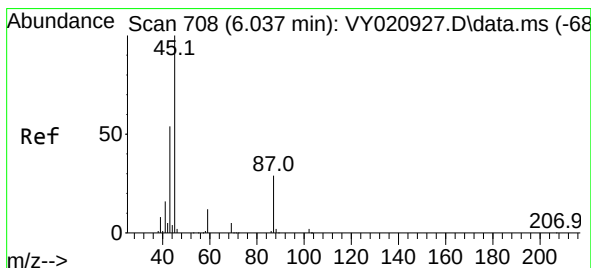
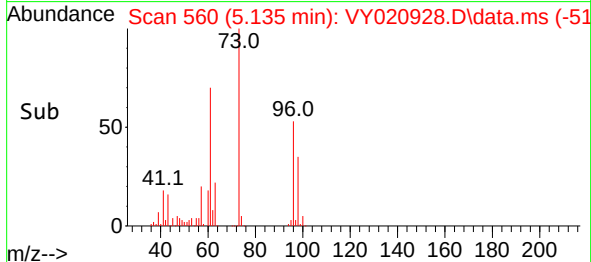
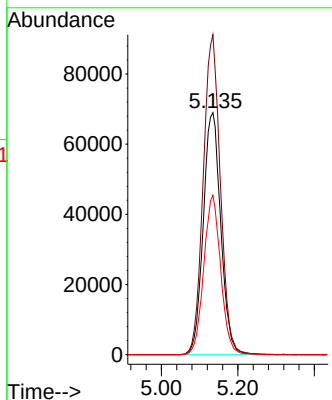
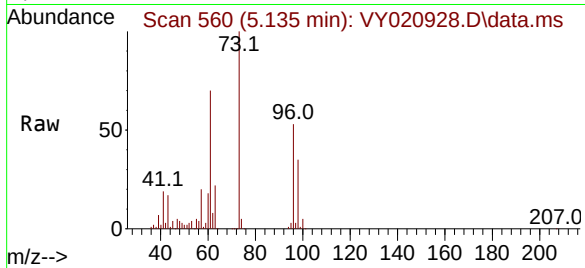




#21
trans-1,2-Dichloroethene
Concen: 88.675 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

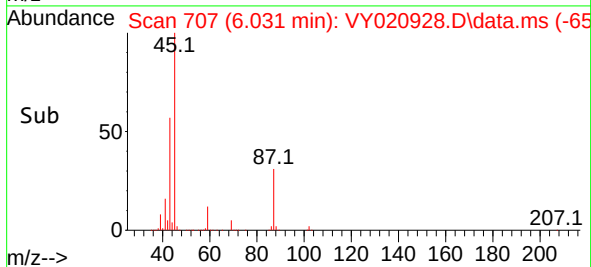
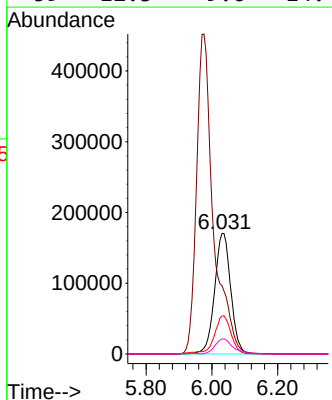
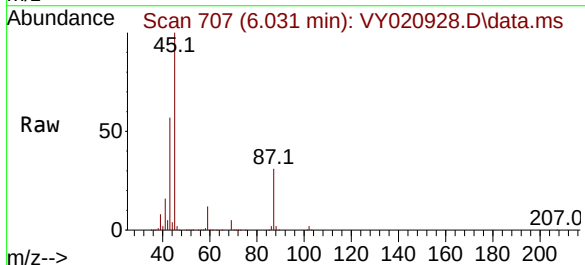
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

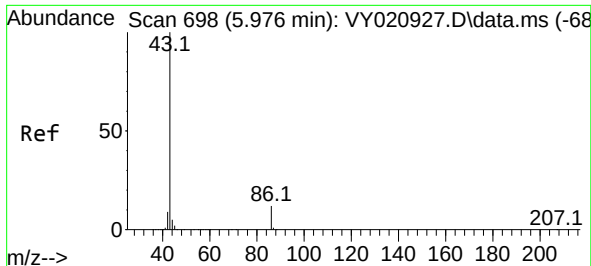
Tgt Ion: 96 Resp: 219270
Ion Ratio Lower Upper
96 100
61 132.2 102.4 153.6
98 65.9 52.0 78.0



#22
Diisopropyl ether
Concen: 89.904 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 45 Resp: 578872
Ion Ratio Lower Upper
45 100
43 56.6 43.2 64.8
87 31.5 23.4 35.0
59 12.3 9.6 14.4

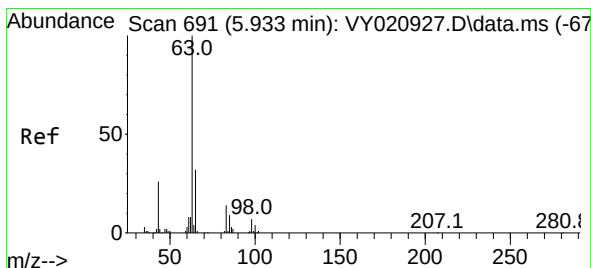
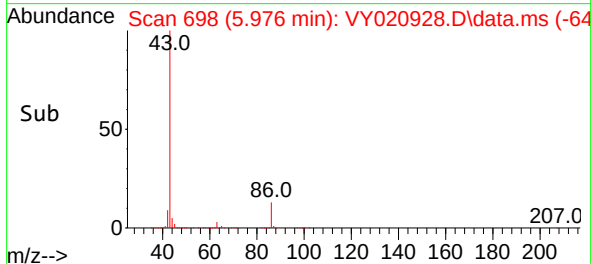
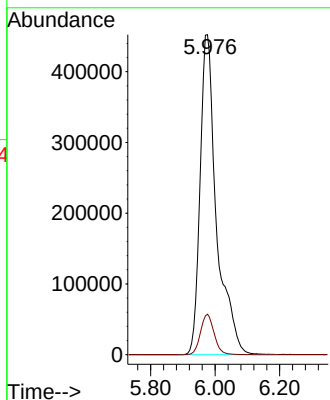
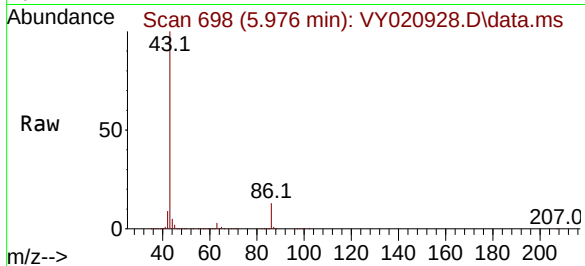




#23
 Vinyl Acetate
 Concen: 450.057 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY020928.D
 Acq: 24 Jan 2025 14:27

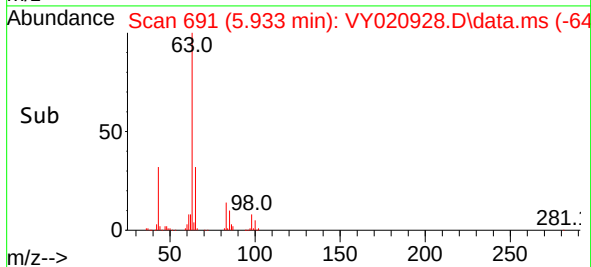
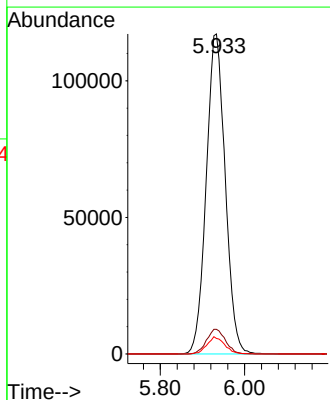
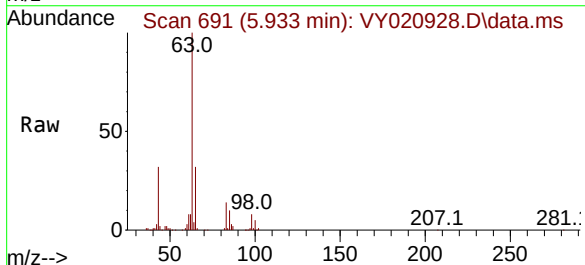
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

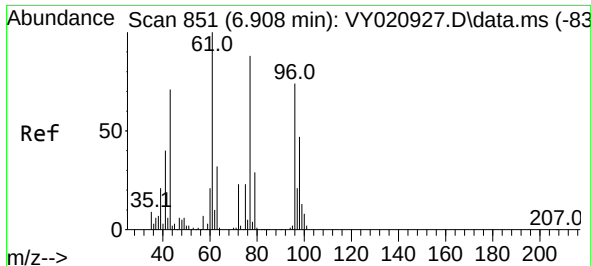
Tgt Ion: 43 Resp: 1603784
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 89.632 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY020928.D
 Acq: 24 Jan 2025 14:27

Tgt Ion: 63 Resp: 365835
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.7 11.1
 100 4.9 2.3 6.8

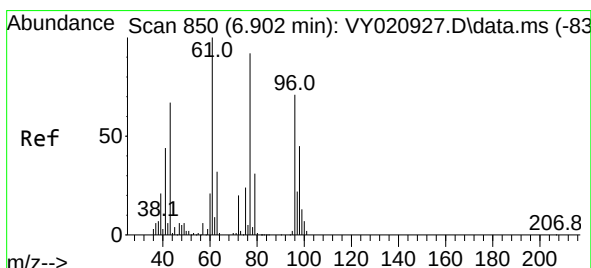
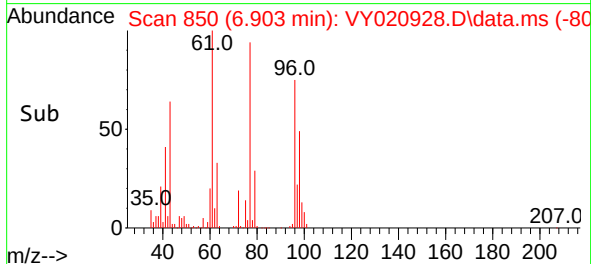
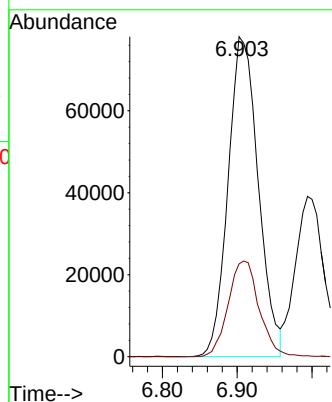
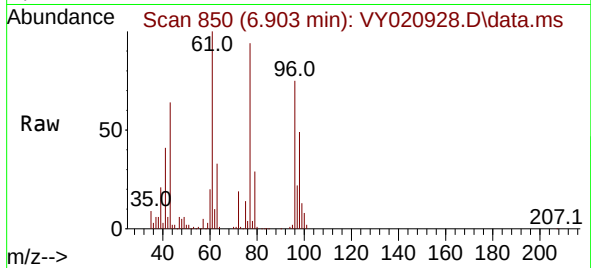




#25
2-Butanone
Concen: 424.490 ug/l
RT: 6.903 min Scan# 850
Delta R.T. -0.006 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

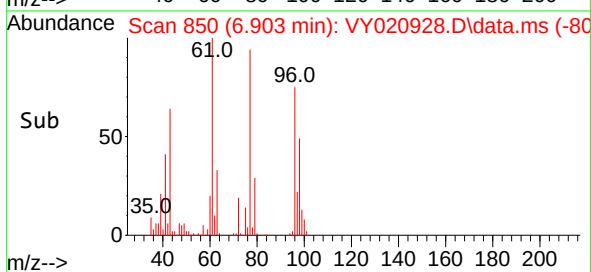
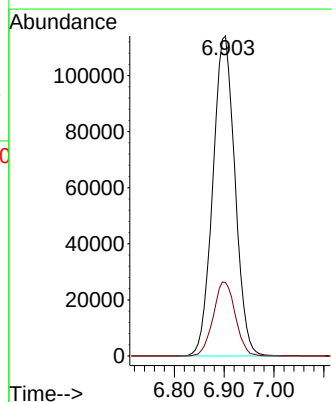
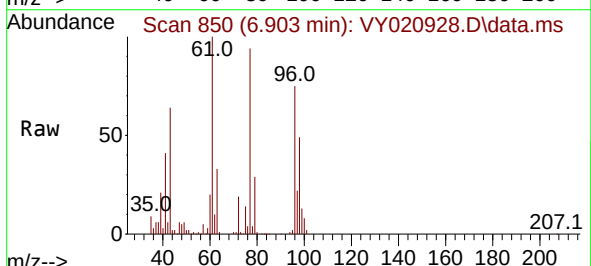
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

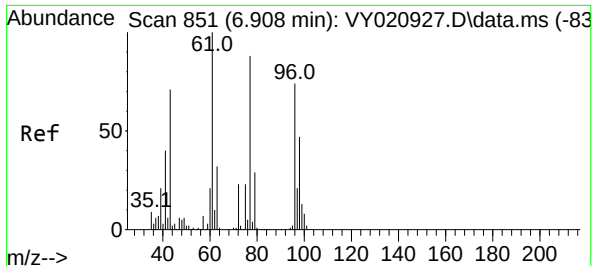
Tgt Ion: 43 Resp: 219468
Ion Ratio Lower Upper
43 100
72 29.0 25.8 38.8



#26
2,2-Dichloropropane
Concen: 87.525 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 77 Resp: 351871
Ion Ratio Lower Upper
77 100
97 23.0 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 90.970 ug/l

RT: 6.903 min Scan# 851

Delta R.T. -0.006 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

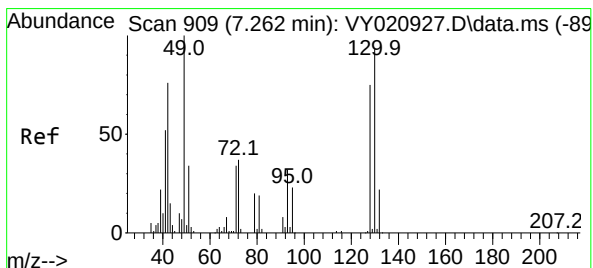
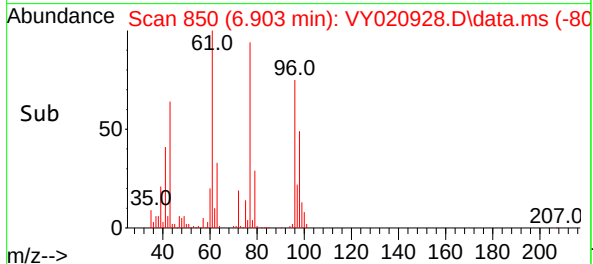
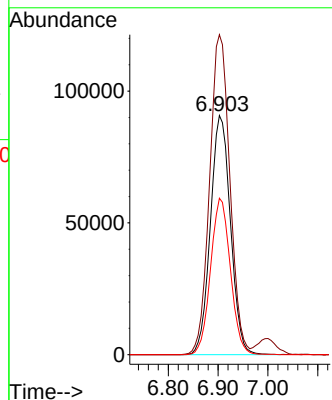
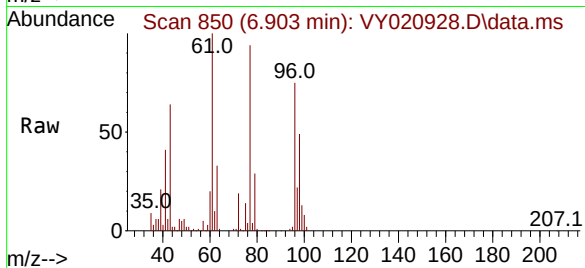
Tgt Ion: 96 Resp: 253869

Ion Ratio Lower Upper

96 100

61 135.0 0.0 275.2

98 64.6 0.0 129.6



#28

Bromochloromethane

Concen: 101.825 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

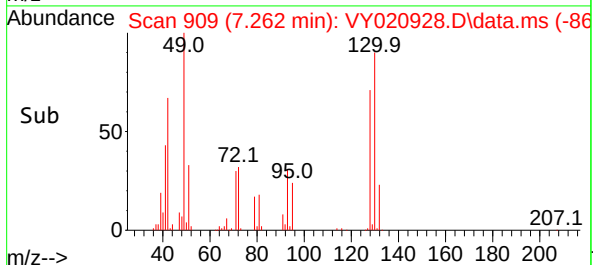
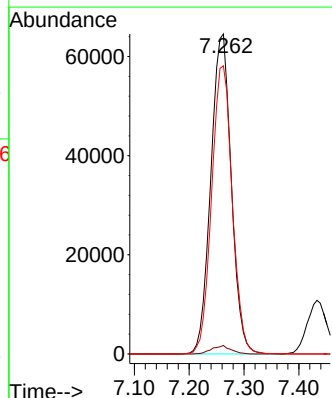
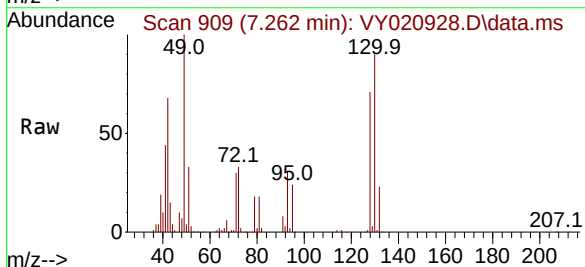
Tgt Ion: 49 Resp: 167265

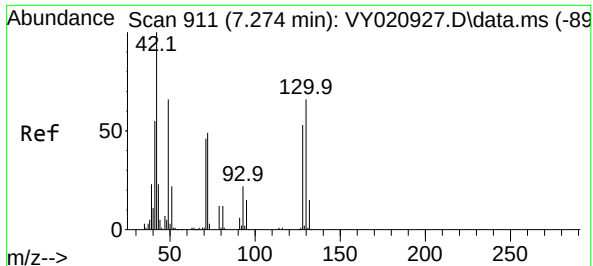
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 90.6 72.6 109.0





#29

Tetrahydrofuran

Concen: 434.525 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

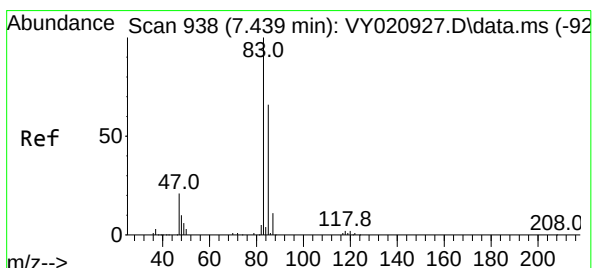
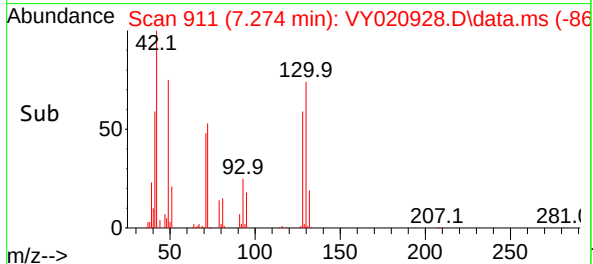
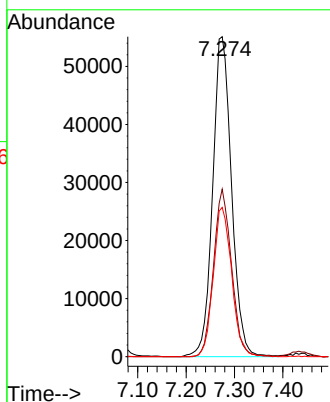
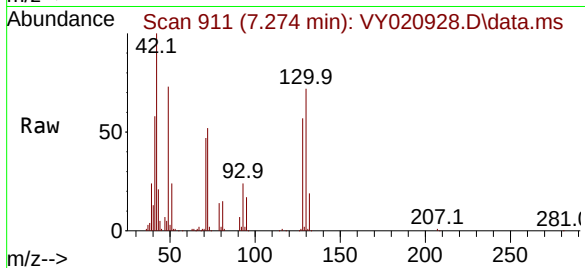
Tgt Ion: 42 Resp: 149724

Ion Ratio Lower Upper

42 100

72 49.9 38.8 58.2

71 45.6 36.4 54.6



#30

Chloroform

Concen: 89.231 ug/l

RT: 7.433 min Scan# 937

Delta R.T. -0.006 min

Lab File: VY020928.D

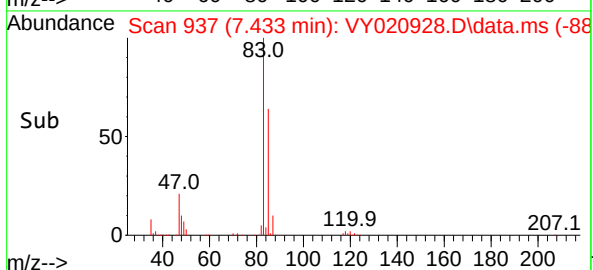
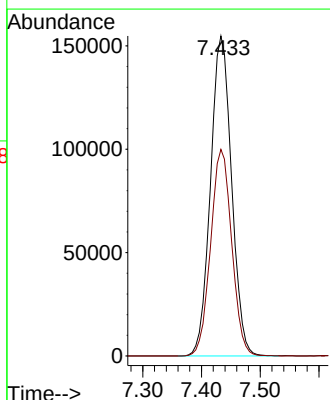
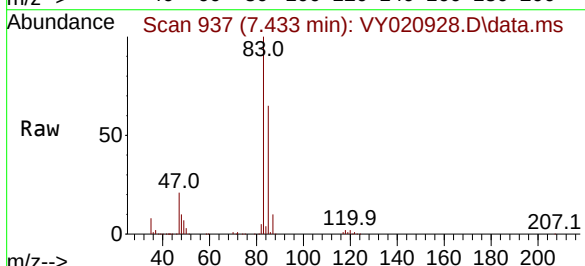
Acq: 24 Jan 2025 14:27

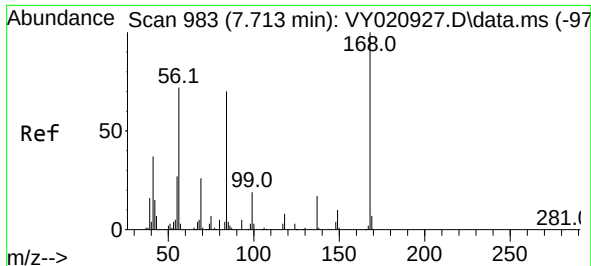
Tgt Ion: 83 Resp: 385461

Ion Ratio Lower Upper

83 100

85 64.5 53.0 79.4

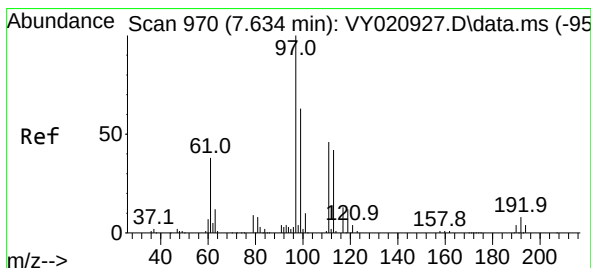
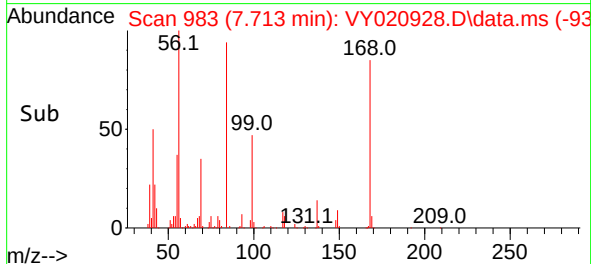
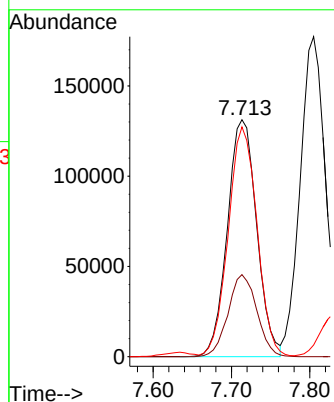
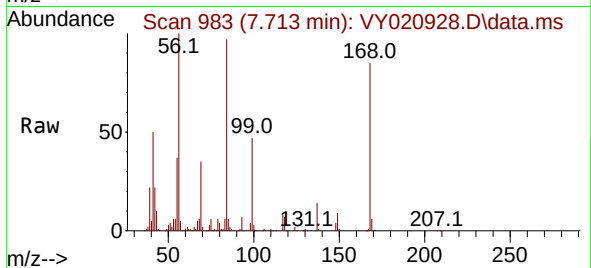




#31
Cyclohexane
Concen: 85.192 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

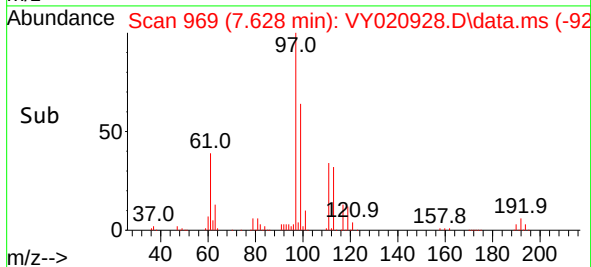
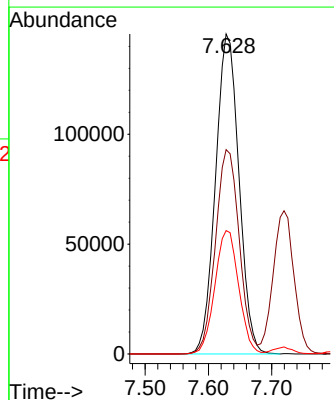
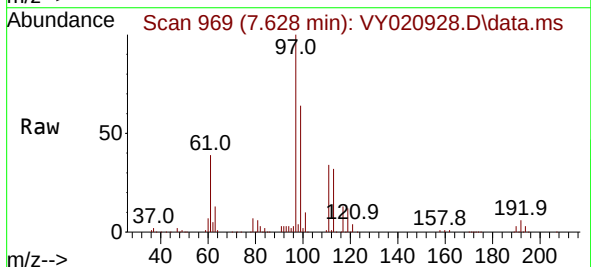
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

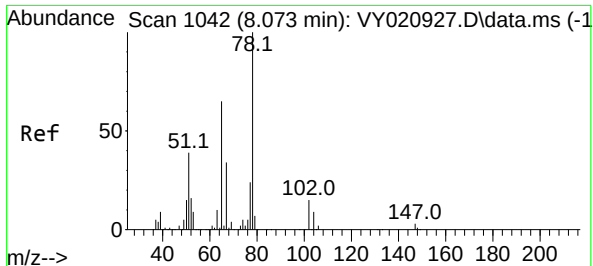
Tgt Ion: 56 Resp: 341752
Ion Ratio Lower Upper
56 100
69 34.7 28.7 43.1
84 95.1 77.4 116.0



#32
1,1,1-Trichloroethane
Concen: 89.432 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 97 Resp: 374729
Ion Ratio Lower Upper
97 100
99 64.8 51.7 77.5
61 39.1 30.8 46.2





#33

1,2-Dichloroethane-d4

Concen: 92.604 ug/l

RT: 8.073 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

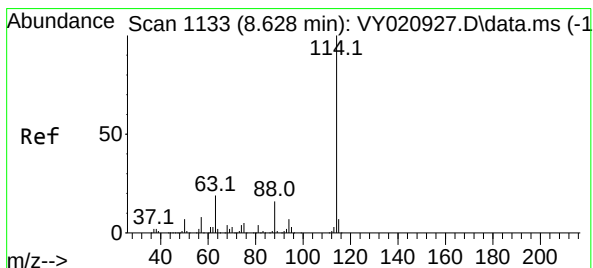
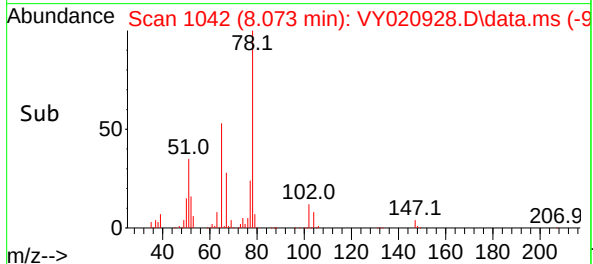
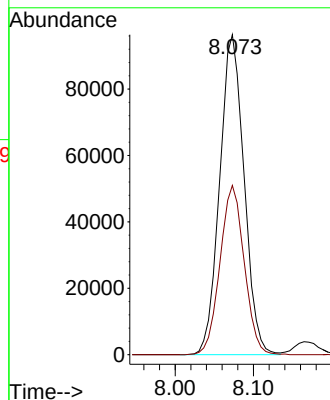
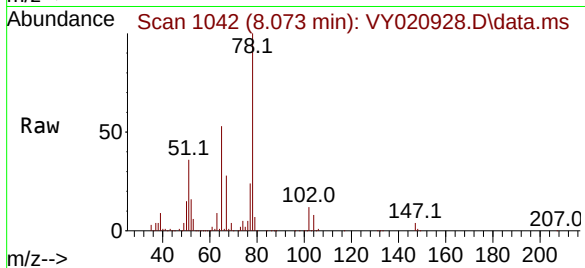
VSTDIC100

Tgt Ion: 65 Resp: 208610

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

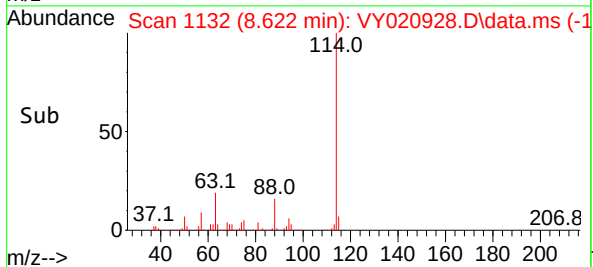
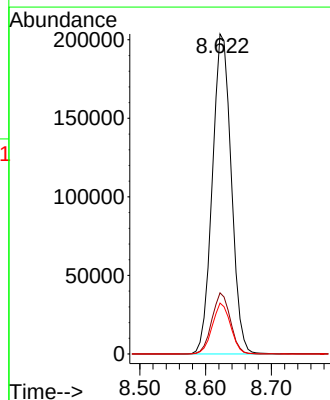
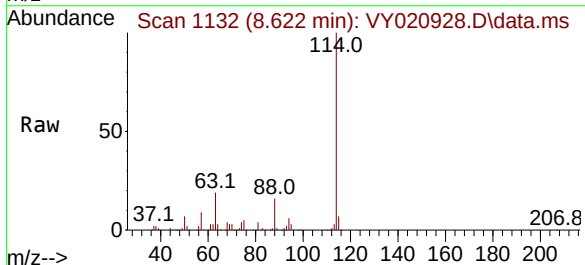
Tgt Ion: 114 Resp: 407800

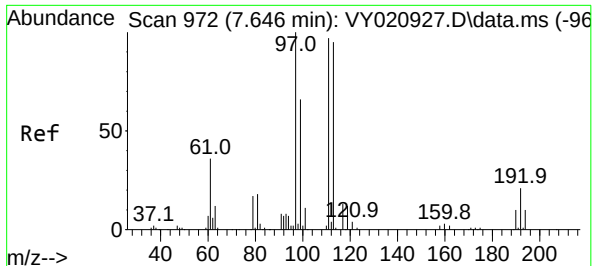
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 15.9 0.0 31.6

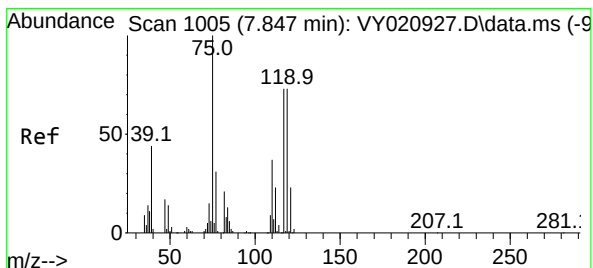
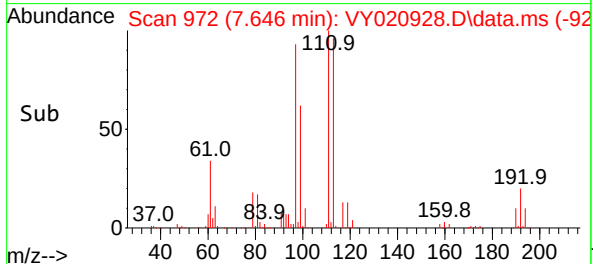
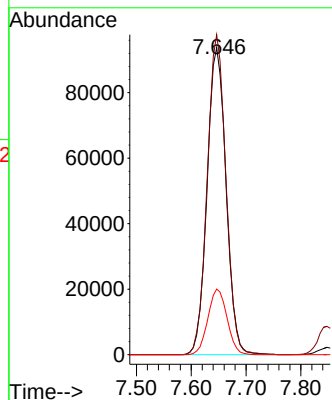
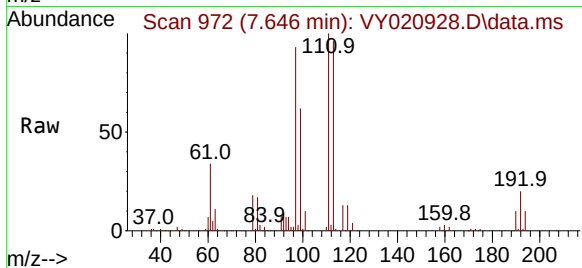




#35
Dibromofluoromethane
Concen: 96.082 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

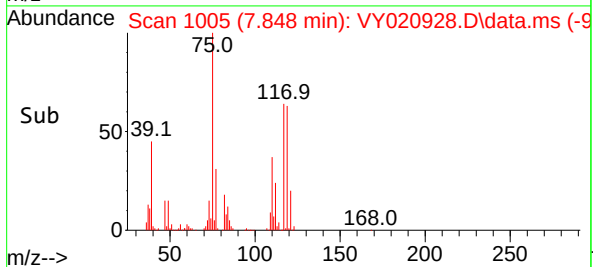
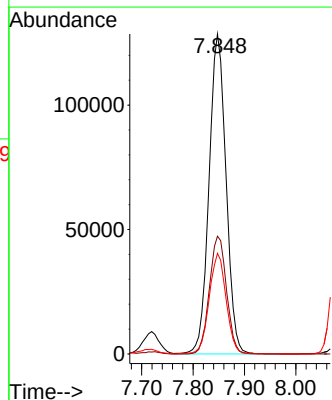
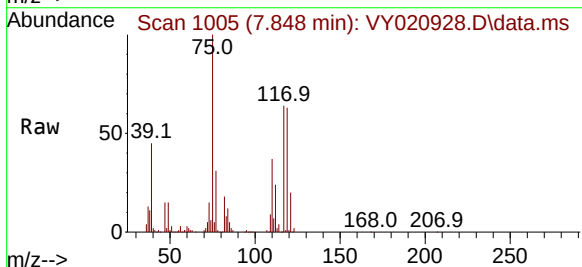
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

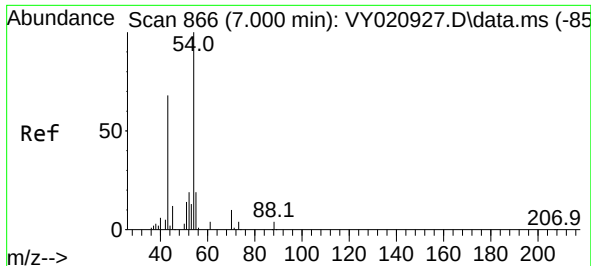
Tgt Ion:113 Resp: 224939
Ion Ratio Lower Upper
113 100
111 102.6 82.3 123.5
192 21.6 17.4 26.2



#36
1,1-Dichloropropene
Concen: 90.195 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 75 Resp: 294814
Ion Ratio Lower Upper
75 100
110 37.1 18.5 55.5
77 31.4 25.0 37.4

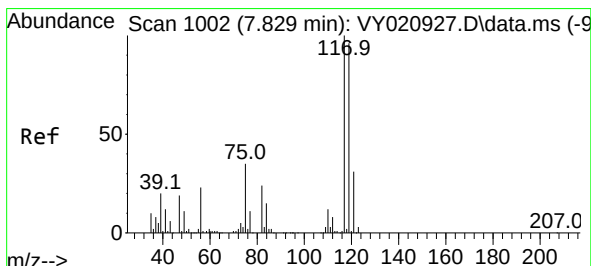
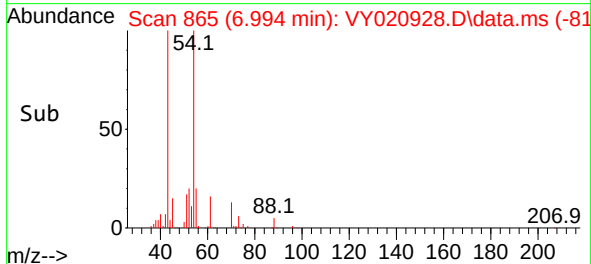
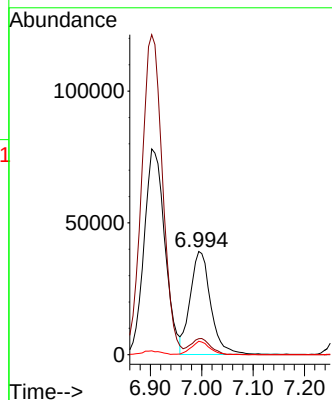
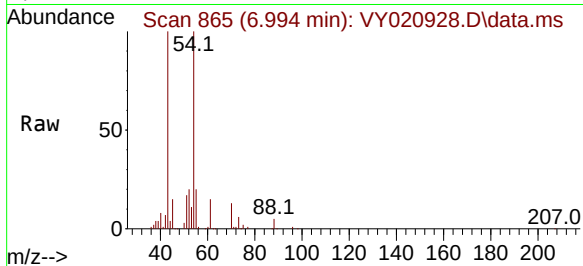




#37
Ethyl Acetate
Concen: 85.060 ug/l
RT: 6.994 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

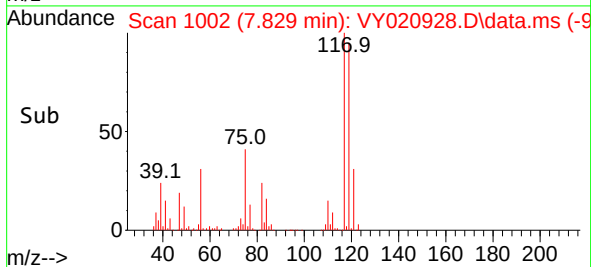
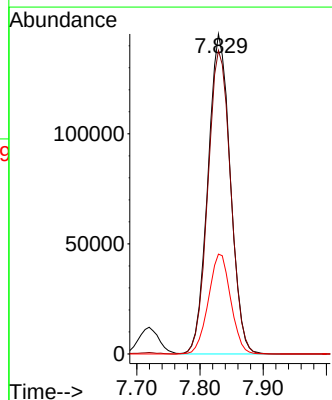
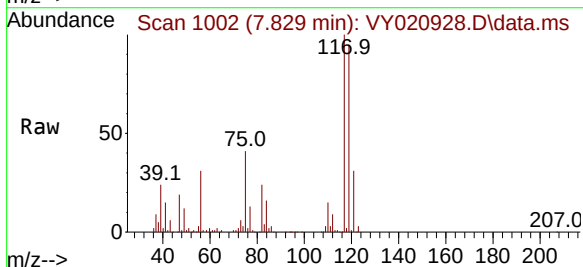
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

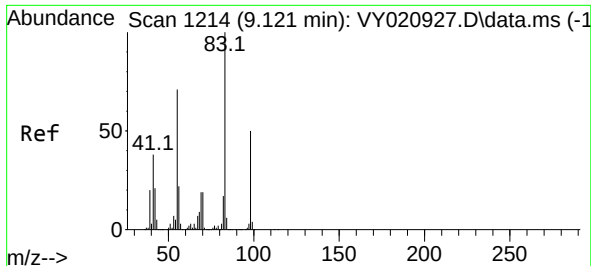
Tgt Ion: 43 Resp: 107870
Ion Ratio Lower Upper
43 100
61 15.7 12.1 18.1
70 11.8 9.5 14.3



#38
Carbon Tetrachloride
Concen: 90.655 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 117 Resp: 357344
Ion Ratio Lower Upper
117 100
119 94.8 76.5 114.7
121 31.2 25.0 37.4





#39

Methylcyclohexane

Concen: 92.613 ug/l

RT: 9.122 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

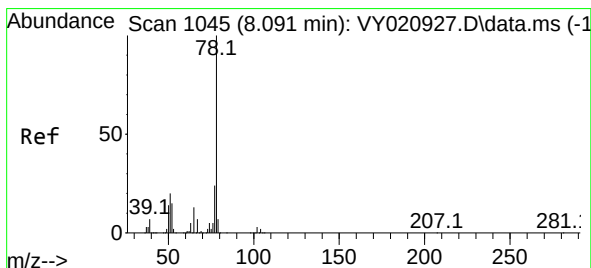
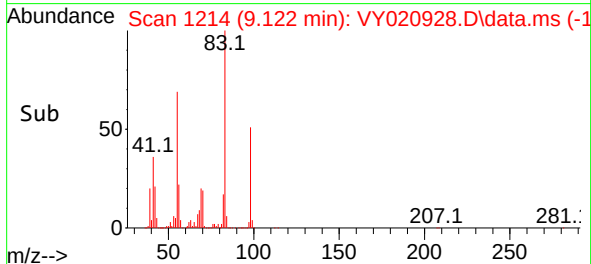
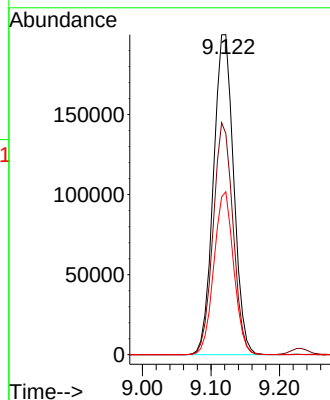
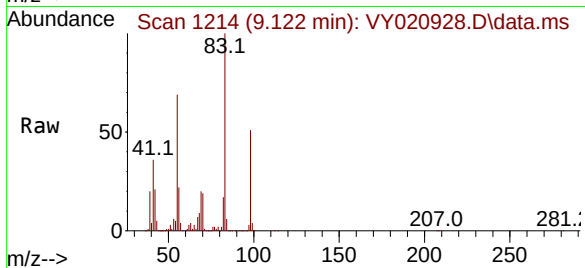
Tgt Ion: 83 Resp: 409823

Ion Ratio Lower Upper

83 100

55 69.2 57.0 85.4

98 50.9 40.1 60.1



#40

Benzene

Concen: 90.267 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY020928.D

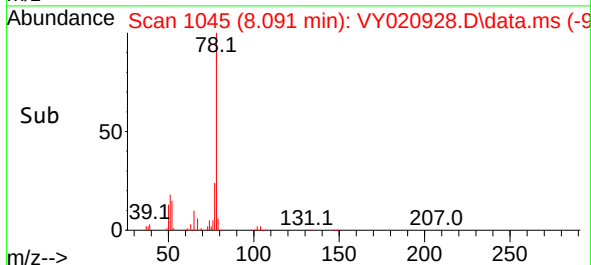
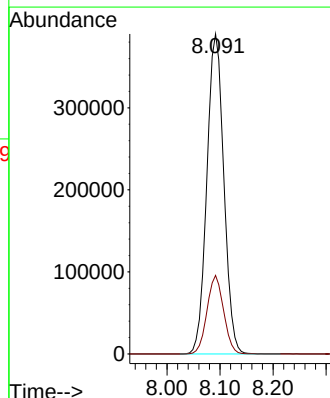
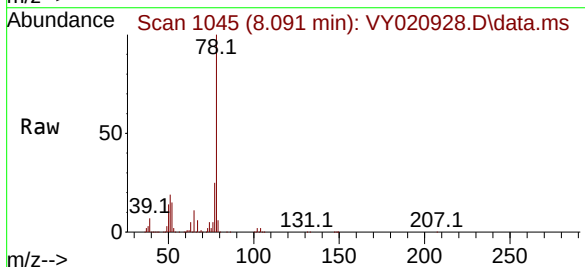
Acq: 24 Jan 2025 14:27

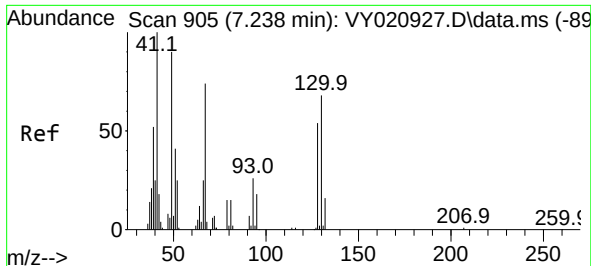
Tgt Ion: 78 Resp: 865598

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.6

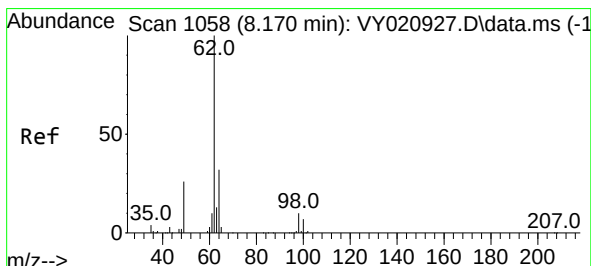
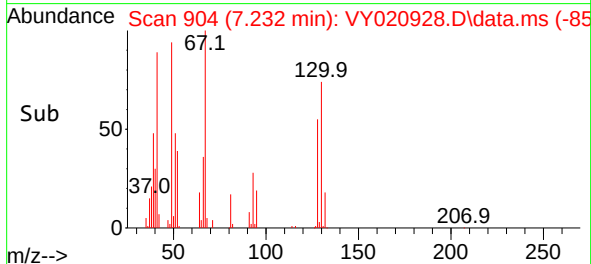
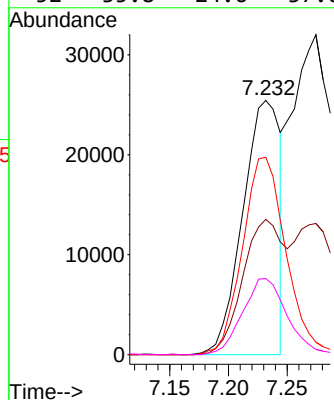
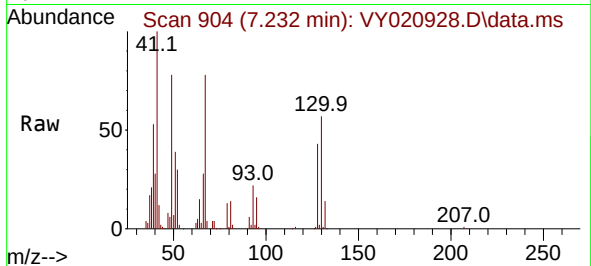




#41
Methacrylonitrile
Concen: 83.928 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

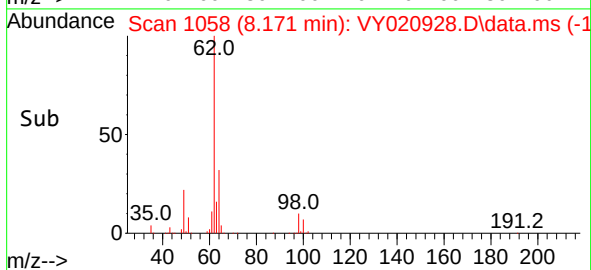
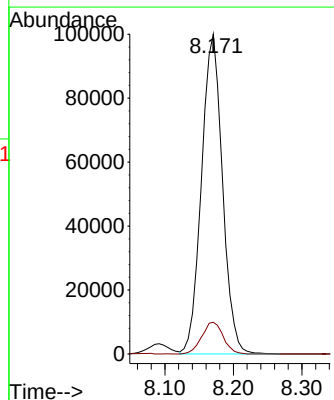
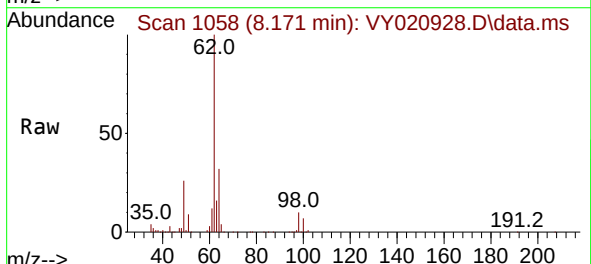
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

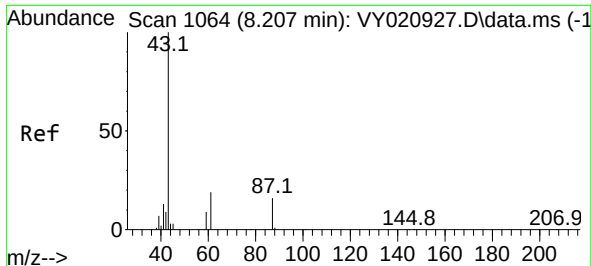
Tgt Ion:	41	Resp:	56225
Ion	Ratio	Lower	Upper
41	100		
39	59.7	46.4	69.6
67	90.6	66.7	100.1
52	35.8	24.6	37.0



#42
1,2-Dichloroethane
Concen: 89.434 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion:	62	Resp:	213394
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8

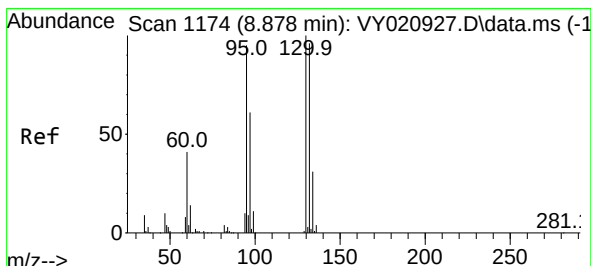
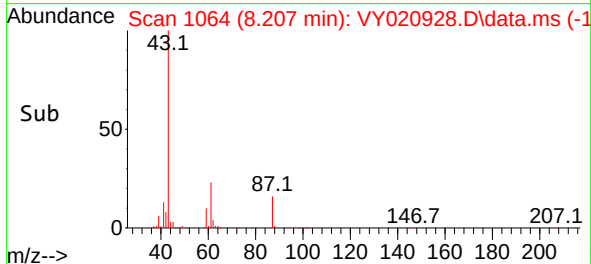
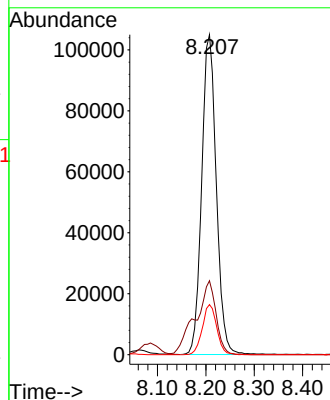
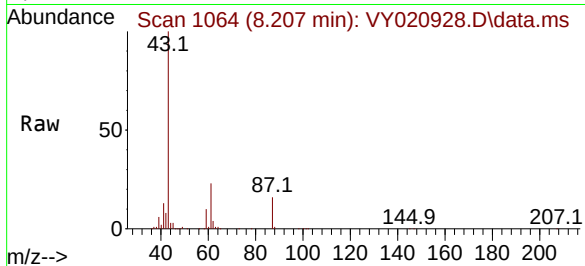




#43
Isopropyl Acetate
Concen: 91.453 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

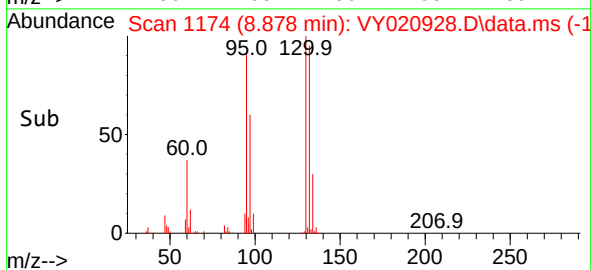
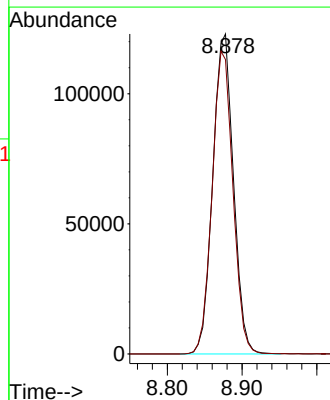
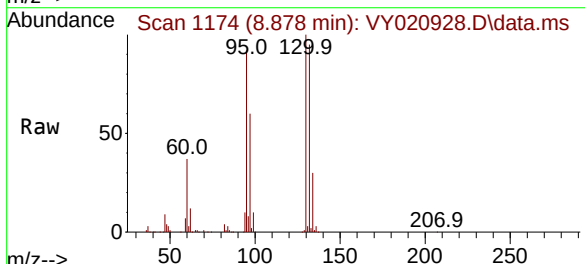
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

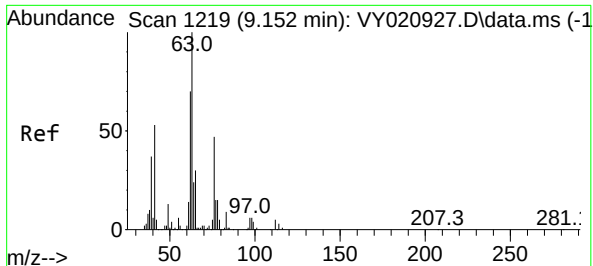
Tgt Ion: 43 Resp: 219926
Ion Ratio Lower Upper
43 100
61 32.8 26.0 39.0
87 15.5 12.4 18.6



#44
Trichloroethene
Concen: 90.920 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 130 Resp: 236860
Ion Ratio Lower Upper
130 100
95 92.0 0.0 189.4





#45

1,2-Dichloropropane

Concen: 90.754 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

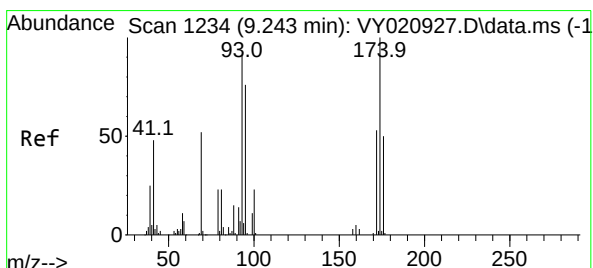
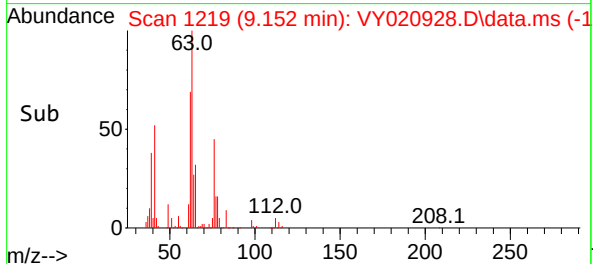
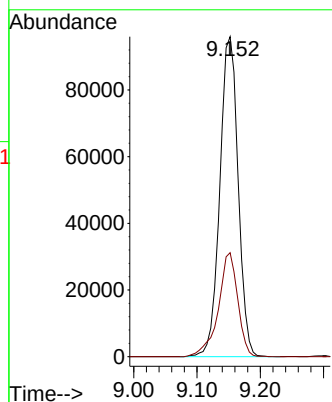
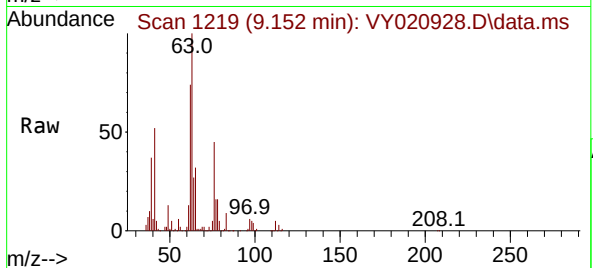
VSTDIC100

Tgt Ion: 63 Resp: 192102

Ion Ratio Lower Upper

63 100

65 32.5 23.9 35.9



#46

Dibromomethane

Concen: 91.101 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

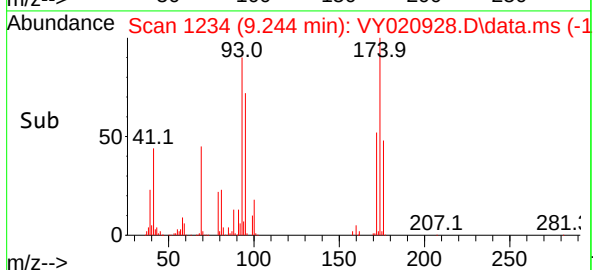
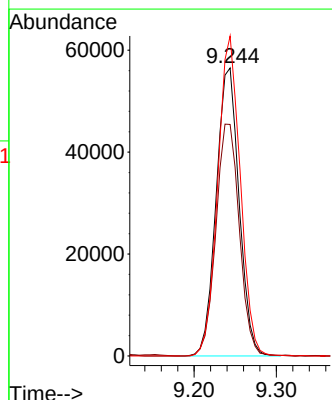
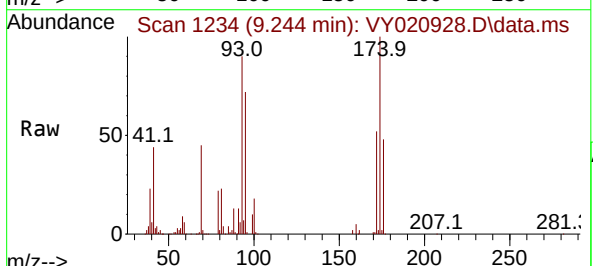
Tgt Ion: 93 Resp: 109628

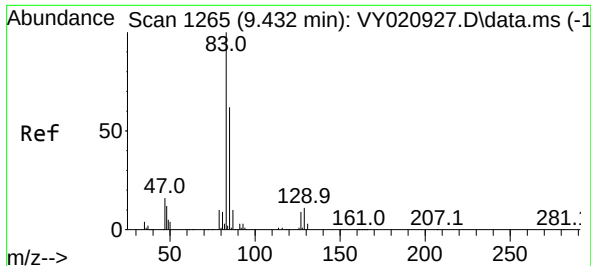
Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.2

174 109.1 87.0 130.4

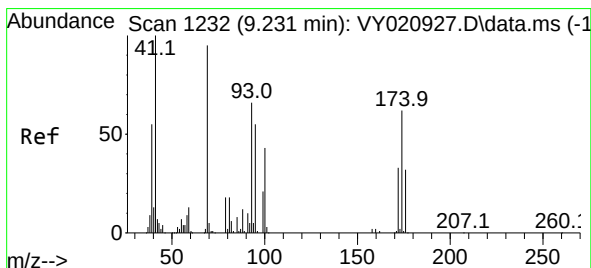
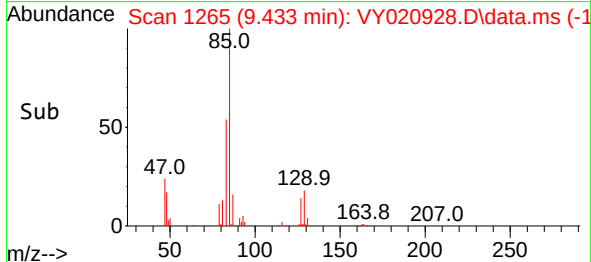
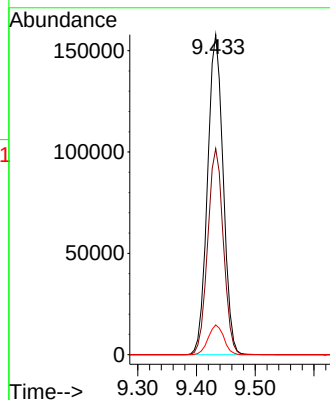
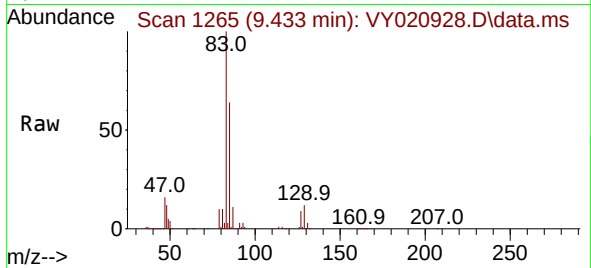




#47
Bromodichloromethane
Concen: 91.093 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

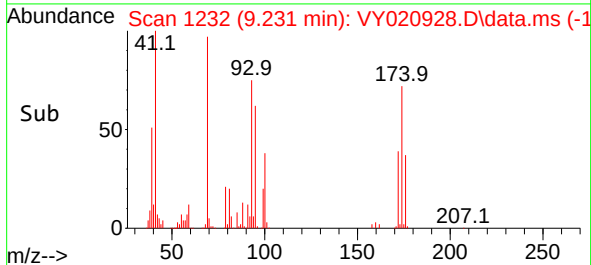
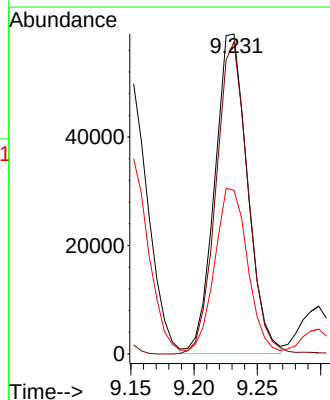
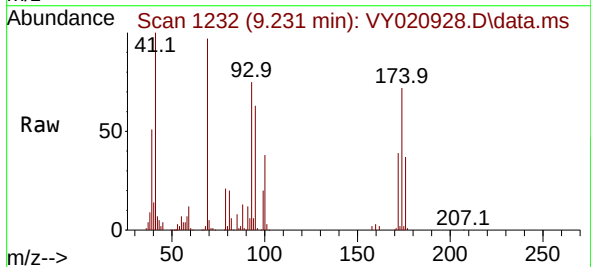
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

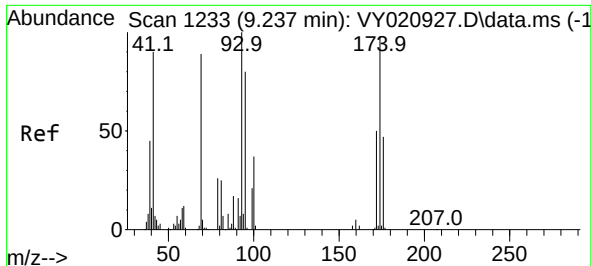
Tgt Ion: 83 Resp: 291669
Ion Ratio Lower Upper
83 100
85 64.4 49.3 73.9
127 9.3 7.4 11.0



#48
Methyl methacrylate
Concen: 93.423 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 41 Resp: 105979
Ion Ratio Lower Upper
41 100
69 95.3 77.0 115.4
39 50.6 41.1 61.7





#49

1,4-Dioxane

Concen: 1712.802 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

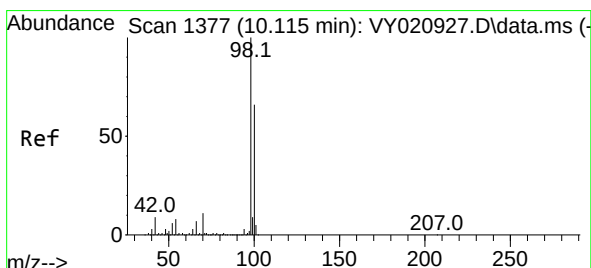
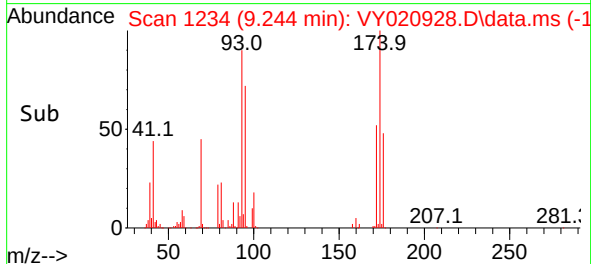
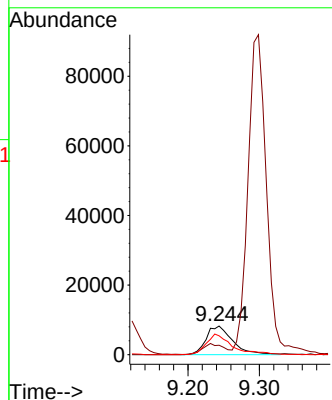
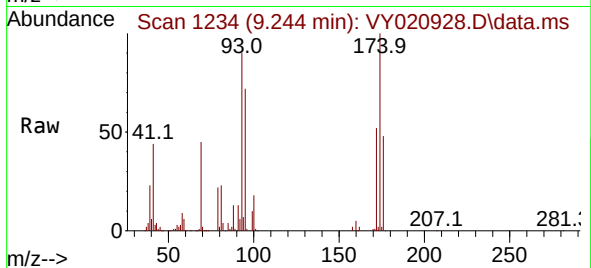
Tgt Ion: 88 Resp: 21222

Ion Ratio Lower Upper

88 100

43 30.9 23.1 34.7

58 71.4 49.0 73.6



#50

Toluene-d8

Concen: 97.056 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020928.D

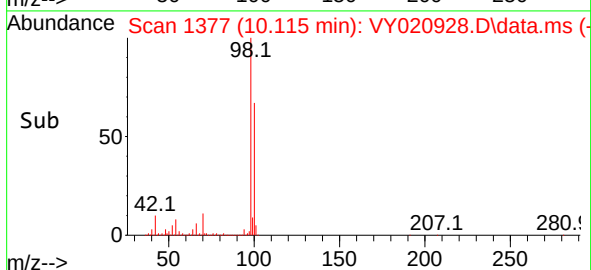
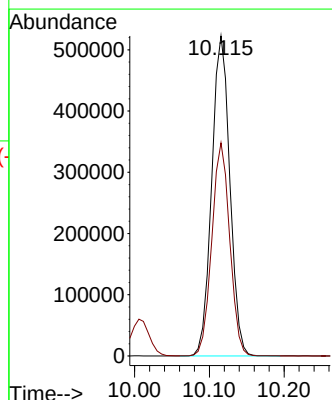
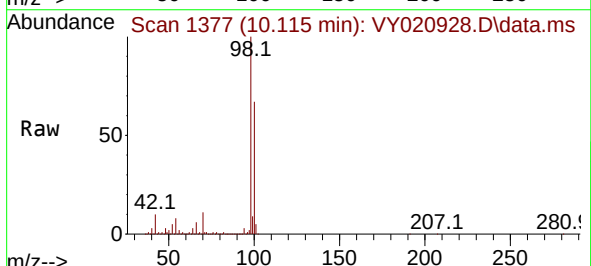
Acq: 24 Jan 2025 14:27

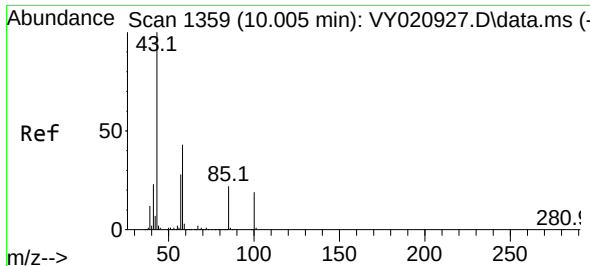
Tgt Ion: 98 Resp: 881343

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5

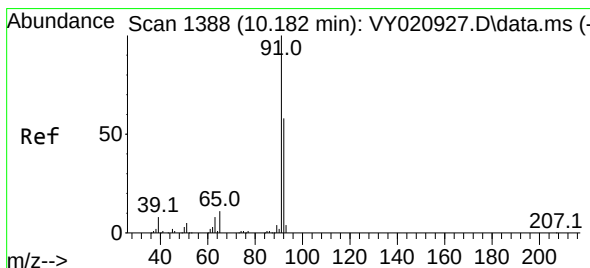
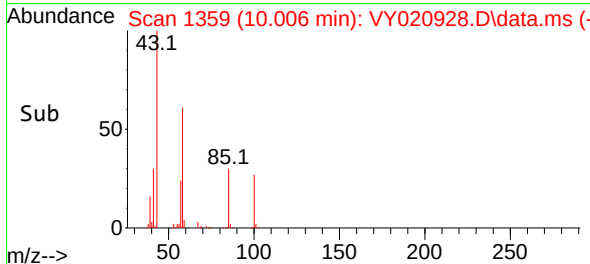
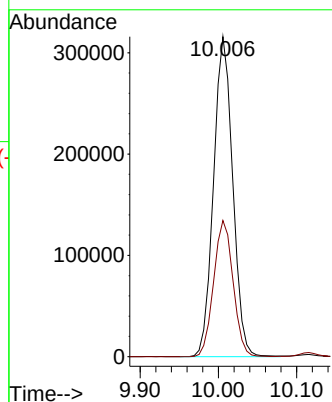
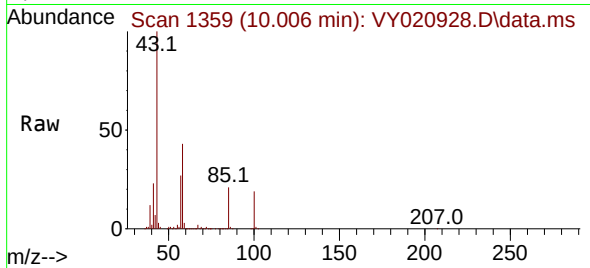




#51
4-Methyl-2-Pentanone
Concen: 443.751 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

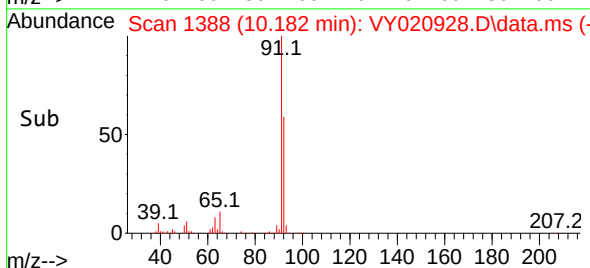
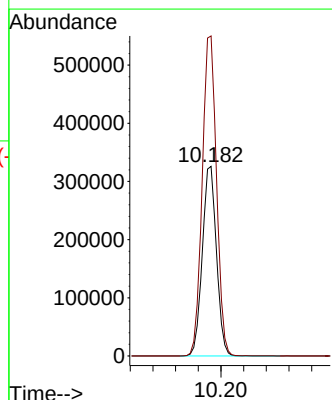
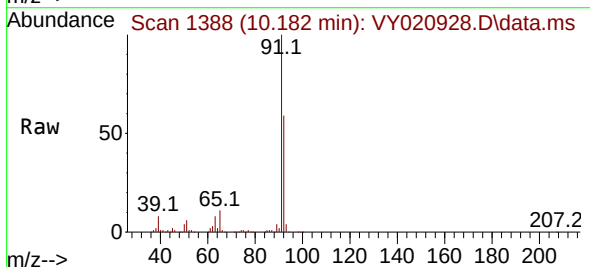
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

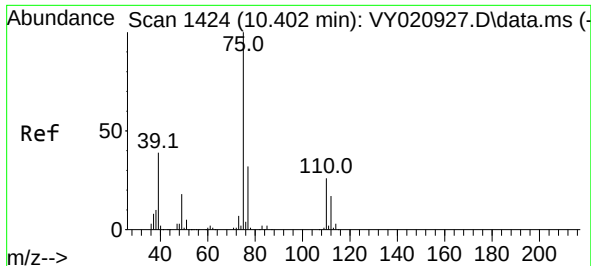
Tgt Ion: 43 Resp: 538072
Ion Ratio Lower Upper
43 100
58 43.1 33.7 50.5



#52
Toluene
Concen: 91.501 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 92 Resp: 564309
Ion Ratio Lower Upper
92 100
91 171.0 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 93.326 ug/l

RT: 10.402 min Scan# 1424

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

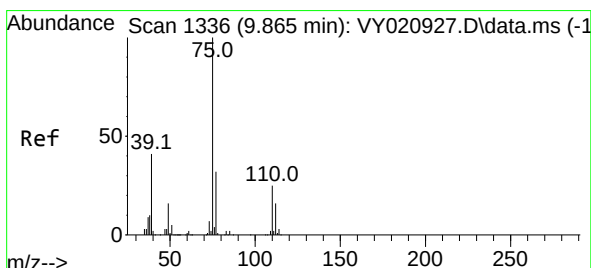
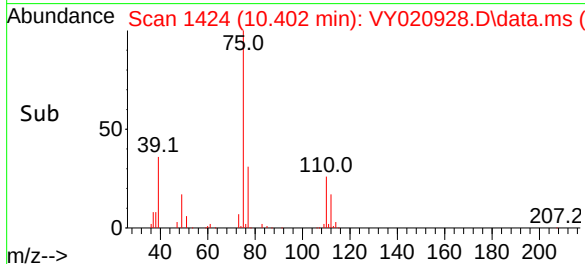
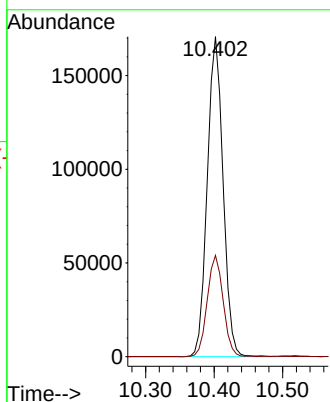
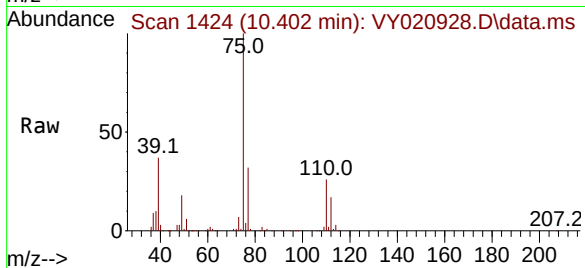
VSTDIC100

Tgt Ion: 75 Resp: 273986

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 92.097 ug/l

RT: 9.865 min Scan# 1336

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

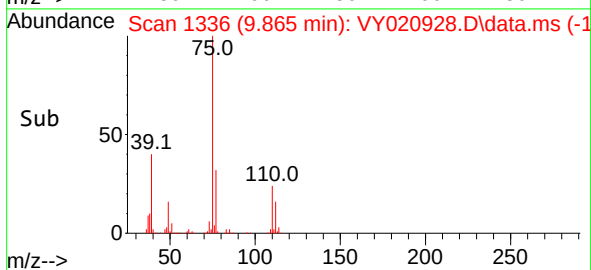
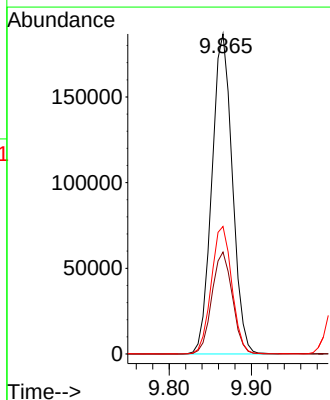
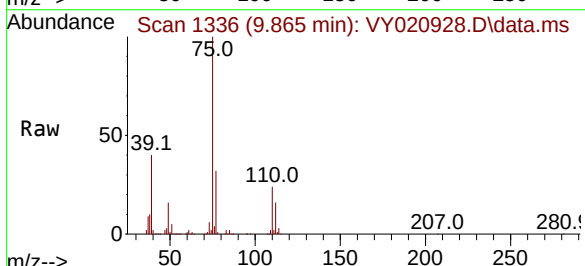
Tgt Ion: 75 Resp: 322850

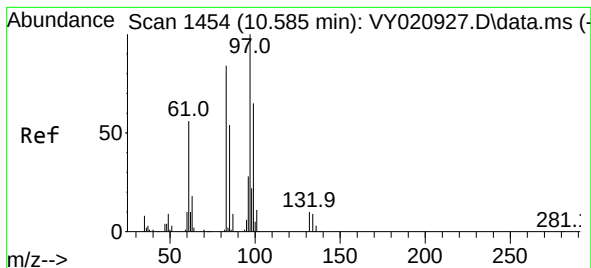
Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

39 39.9 32.8 49.2



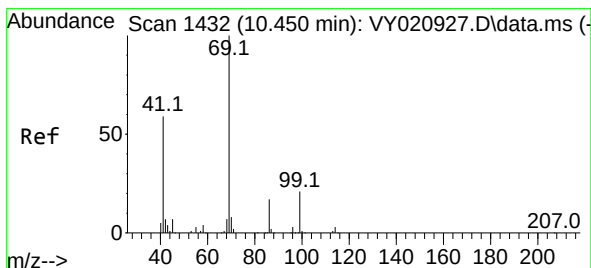
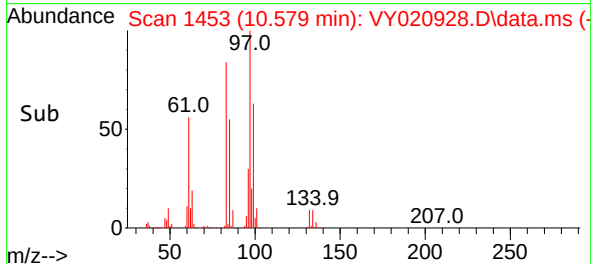
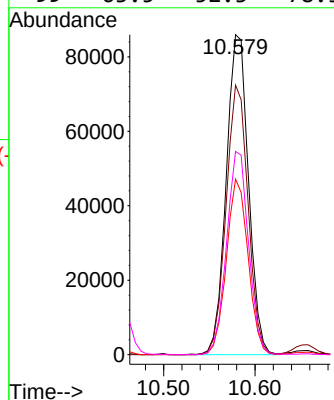
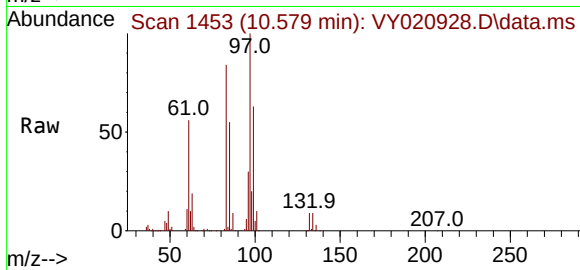


#55
1,1,2-Trichloroethane
Concen: 89.583 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 145718

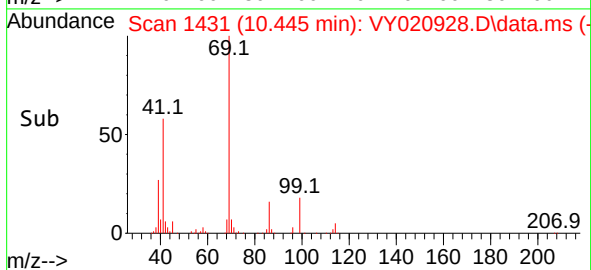
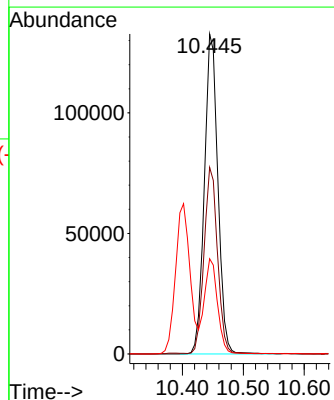
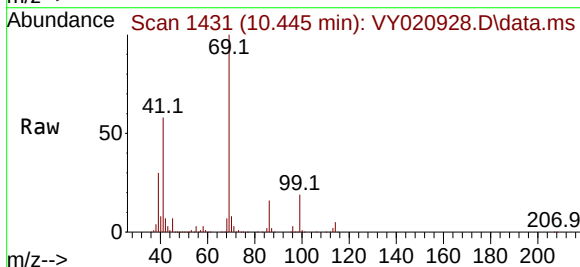
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.0	100.6
85	54.8	43.1	64.7
99	63.5	52.3	78.5

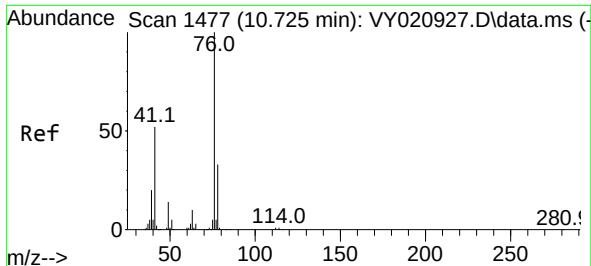


#56
Ethyl methacrylate
Concen: 96.109 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 69 Resp: 204882

Ion	Ratio	Lower	Upper
69	100		
41	58.1	46.6	70.0
39	28.6	23.9	35.9





#57

1,3-Dichloropropane

Concen: 89.965 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

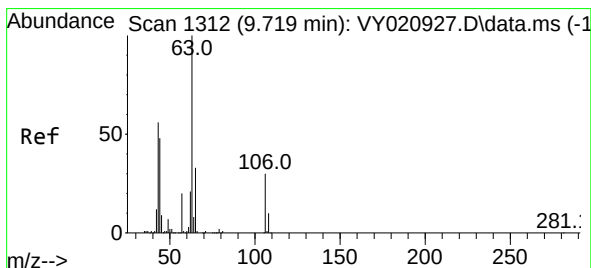
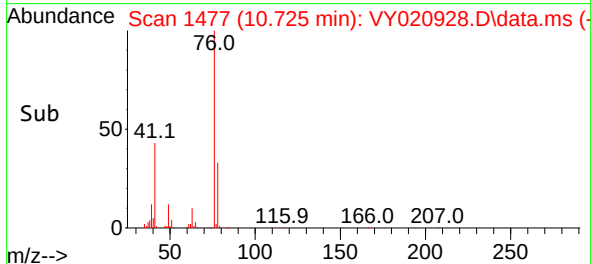
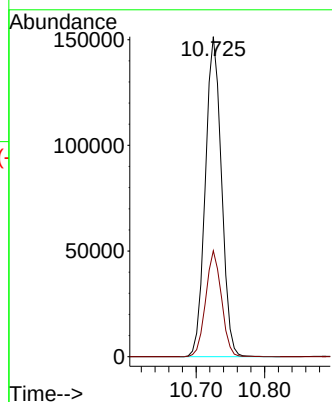
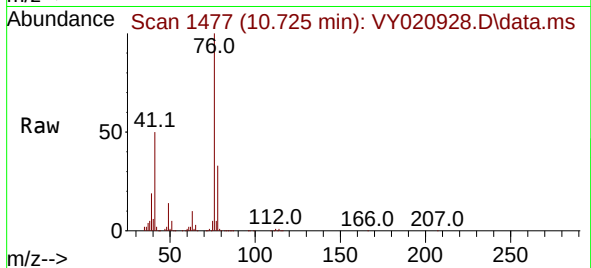
VSTDIC100

Tgt Ion: 76 Resp: 248600

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 501.962 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020928.D

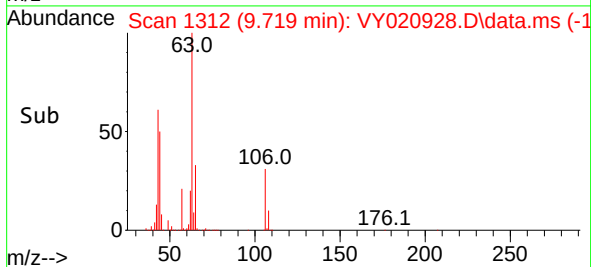
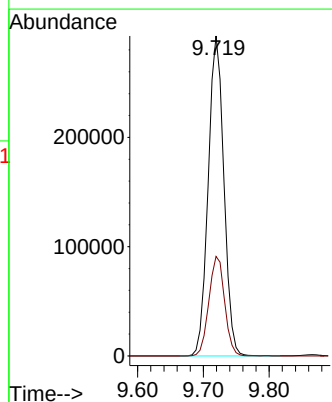
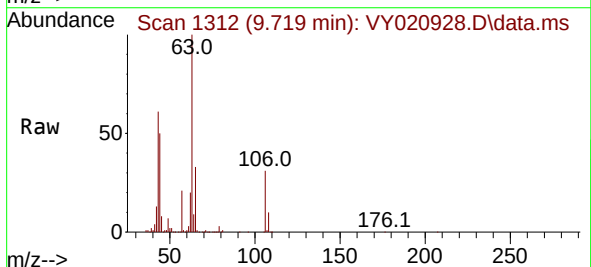
Acq: 24 Jan 2025 14:27

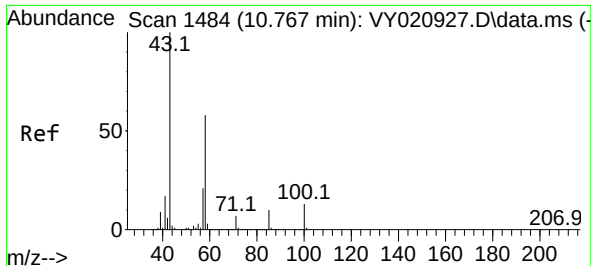
Tgt Ion: 63 Resp: 485670

Ion Ratio Lower Upper

63 100

106 31.2 24.7 37.1

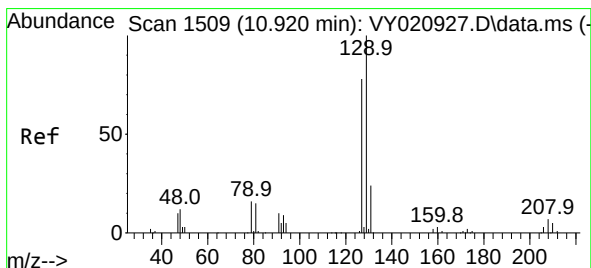
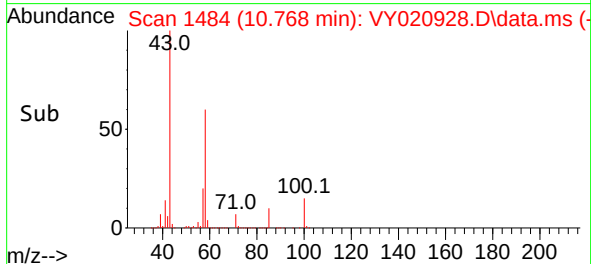
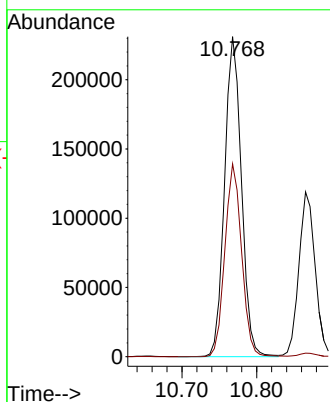
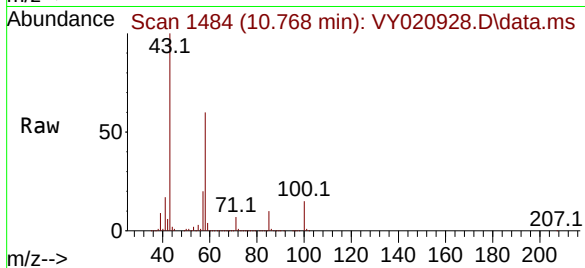




#59
2-Hexanone
Concen: 464.523 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

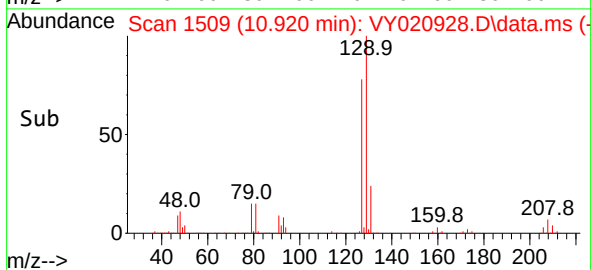
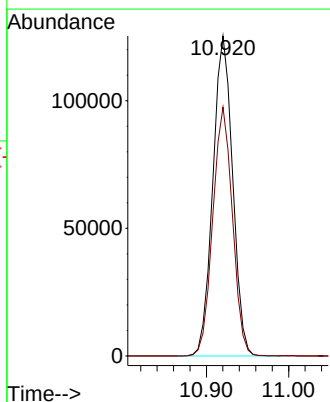
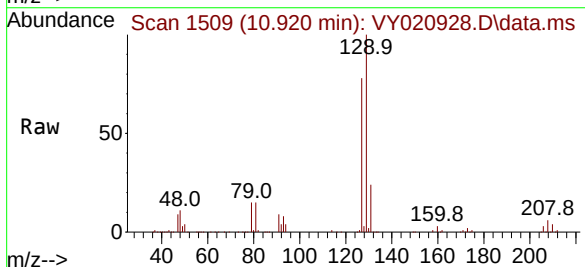
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

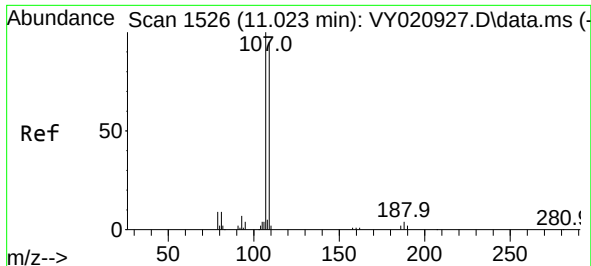
Tgt Ion: 43 Resp: 362194
Ion Ratio Lower Upper
43 100
58 59.9 29.9 89.8



#60
Dibromochloromethane
Concen: 91.449 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 129 Resp: 209354
Ion Ratio Lower Upper
129 100
127 77.2 39.2 117.6

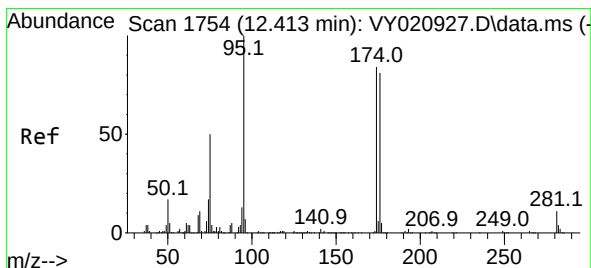
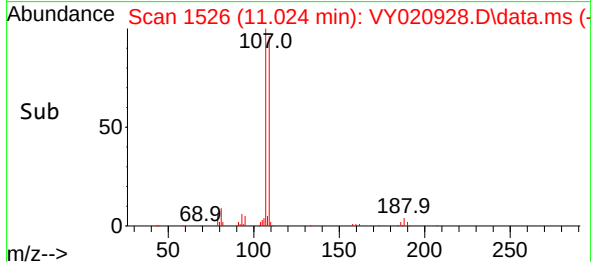
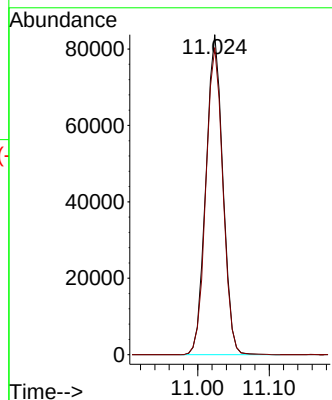
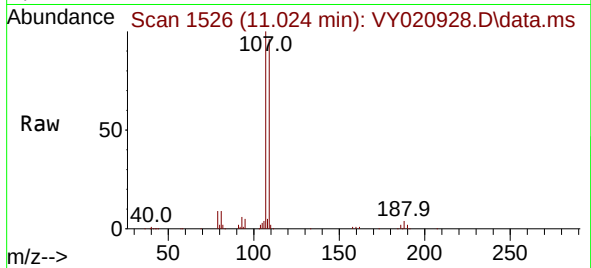




#61
1,2-Dibromoethane
Concen: 88.720 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

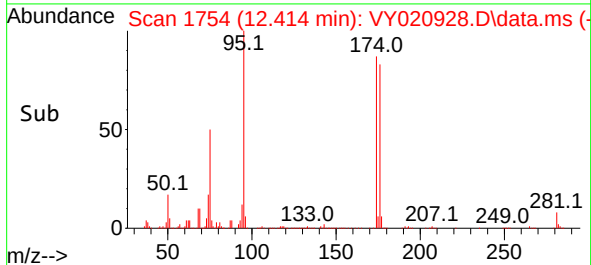
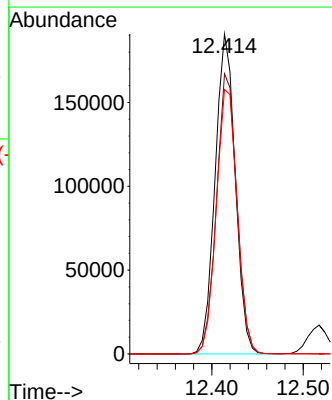
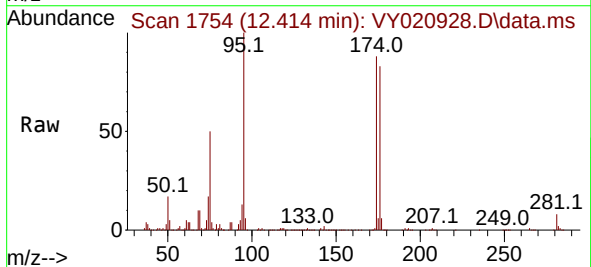
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

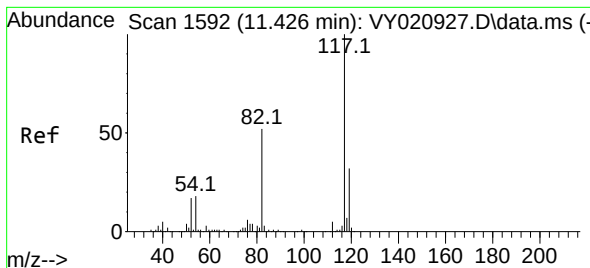
Tgt Ion:107 Resp: 138031
Ion Ratio Lower Upper
107 100
109 96.1 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 96.943 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 95 Resp: 292974
Ion Ratio Lower Upper
95 100
174 88.7 0.0 177.4
176 85.7 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: VY020928.D

Acq: 24 Jan 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

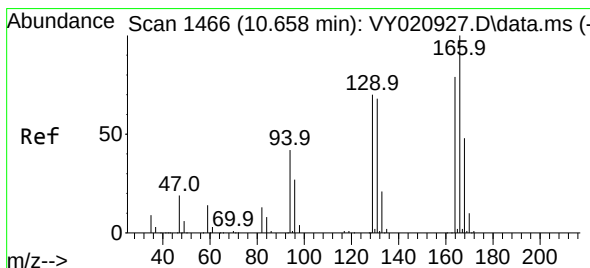
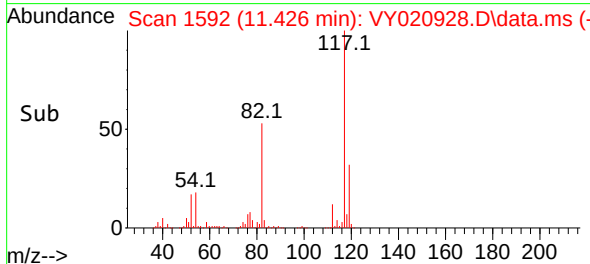
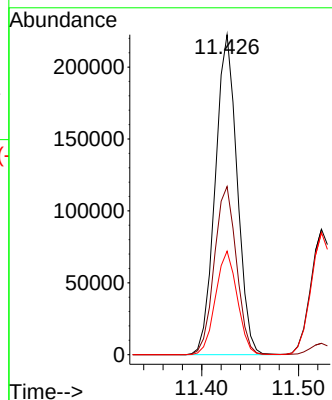
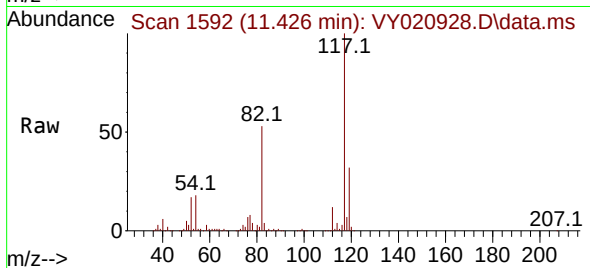
Tgt Ion:117 Resp: 349414

Ion Ratio Lower Upper

117 100

82 52.5 41.8 62.8

119 32.3 26.0 39.0



#64

Tetrachloroethene

Concen: 89.636 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

Tgt Ion:164 Resp: 217960

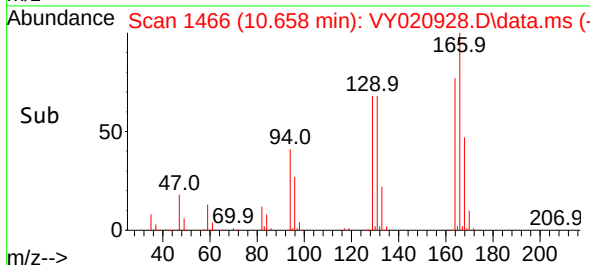
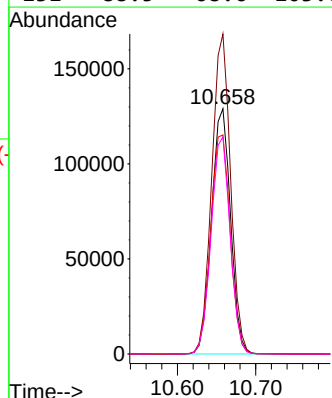
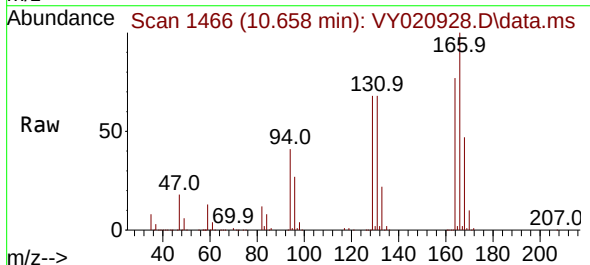
Ion Ratio Lower Upper

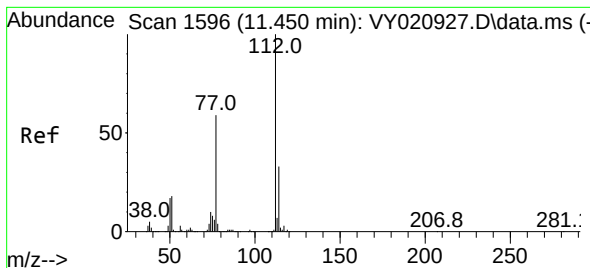
164 100

166 130.5 101.0 151.6

129 89.3 70.8 106.2

131 88.5 68.6 103.0





#65

Chlorobenzene

Concen: 90.152 ug/l

RT: 11.451 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

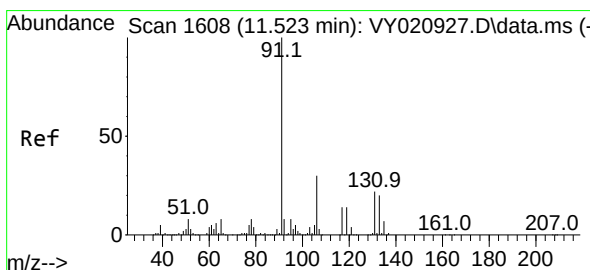
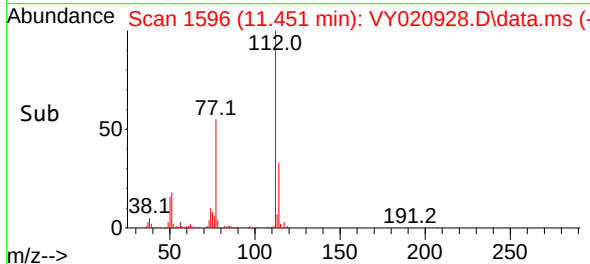
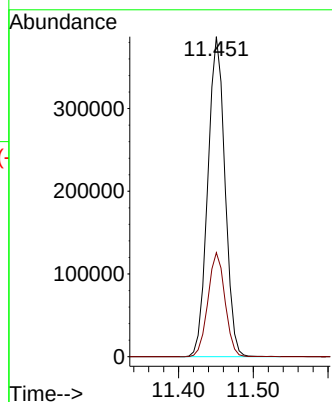
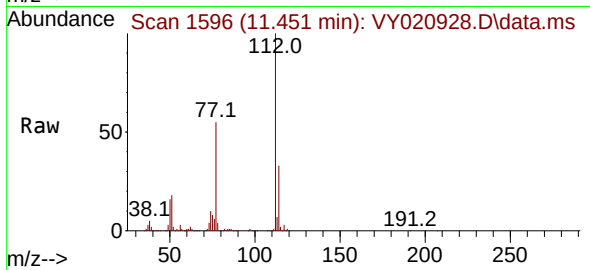
VSTDIC100

Tgt Ion:112 Resp: 615992

Ion Ratio Lower Upper

112 100

114 32.5 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 89.289 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

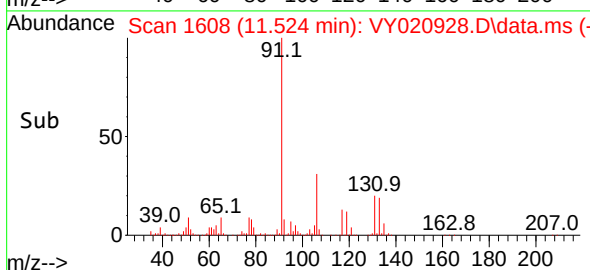
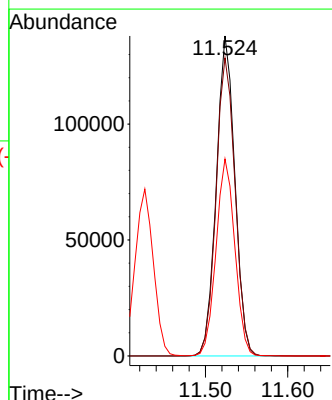
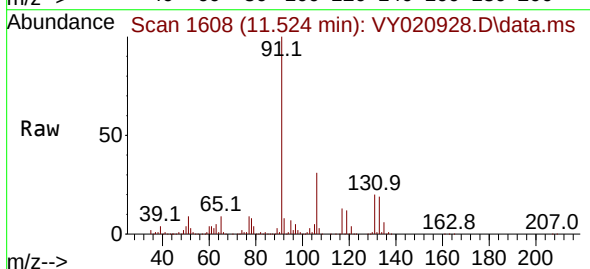
Tgt Ion:131 Resp: 216799

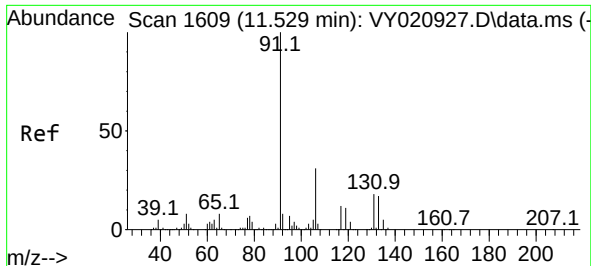
Ion Ratio Lower Upper

131 100

133 95.6 47.5 142.6

119 62.5 31.2 93.6





#67

Ethyl Benzene

Concen: 91.728 ug/l

RT: 11.530 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

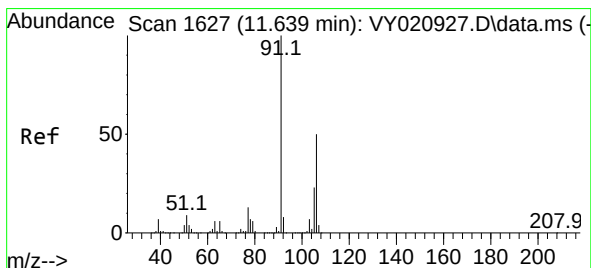
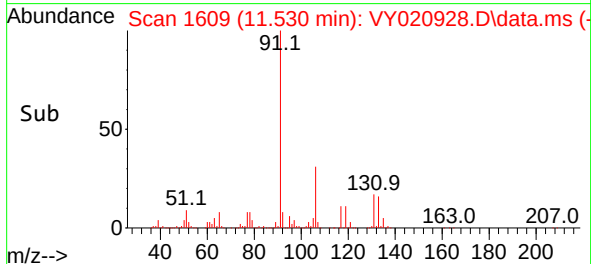
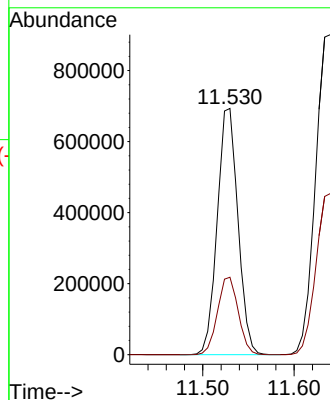
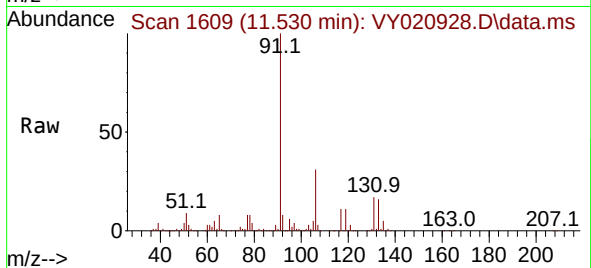
VSTDICC100

Tgt Ion: 91 Resp: 1093665

Ion Ratio Lower Upper

91 100

106 31.4 25.2 37.8



#68

m/p-Xylenes

Concen: 182.420 ug/l

RT: 11.640 min Scan# 1627

Delta R.T. 0.000 min

Lab File: VY020928.D

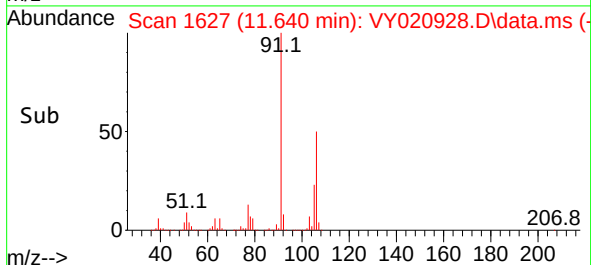
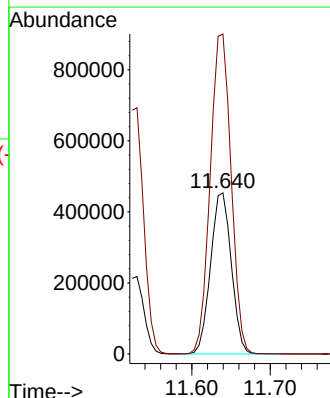
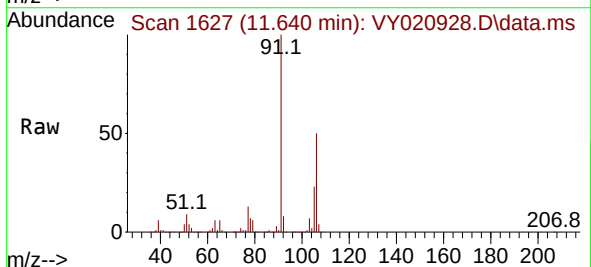
Acq: 24 Jan 2025 14:27

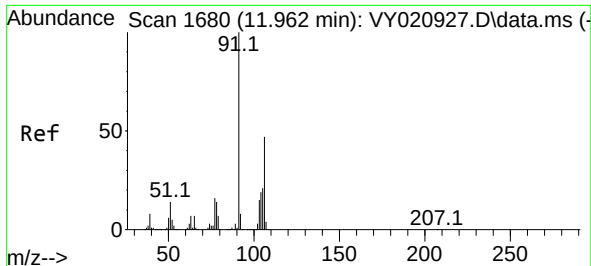
Tgt Ion:106 Resp: 832825

Ion Ratio Lower Upper

106 100

91 200.5 159.5 239.3

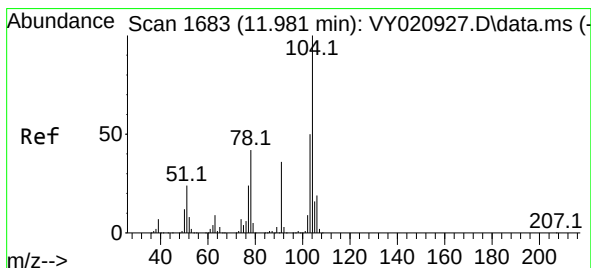
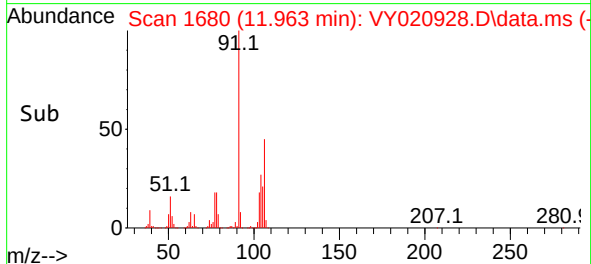
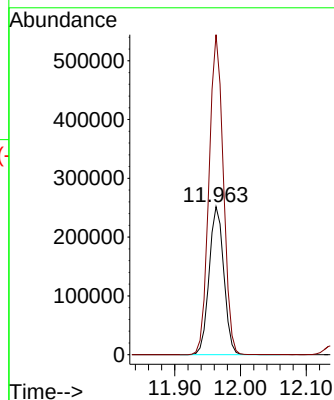
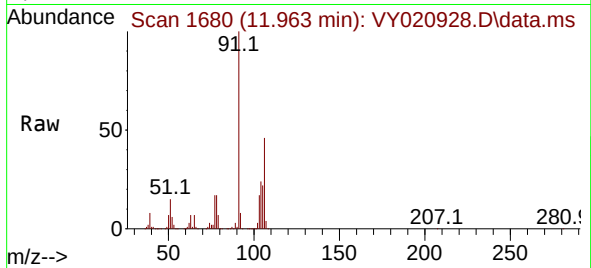




#69
o-Xylene
Concen: 91.551 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

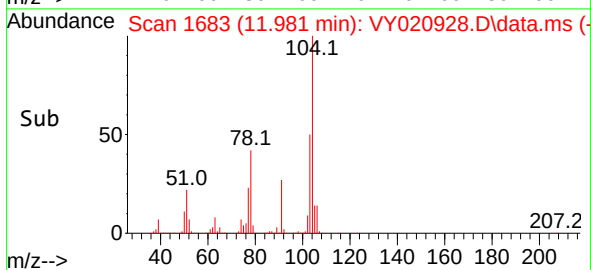
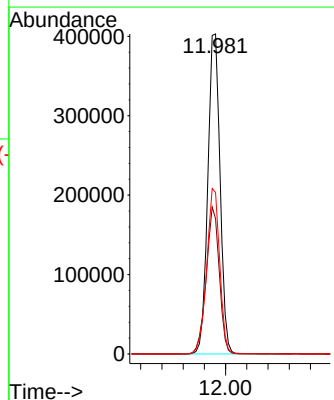
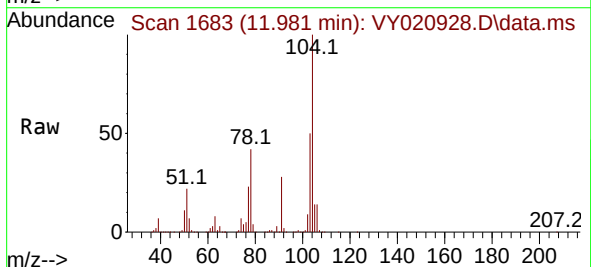
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

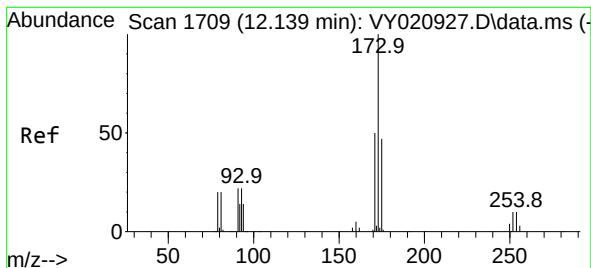
Tgt Ion:106 Resp: 390419
Ion Ratio Lower Upper
106 100
91 211.9 105.3 315.9



#70
Styrene
Concen: 92.633 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion:104 Resp: 647407
Ion Ratio Lower Upper
104 100
78 48.8 38.5 57.7
103 54.8 43.4 65.2





#71

Bromoform

Concen: 89.832 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

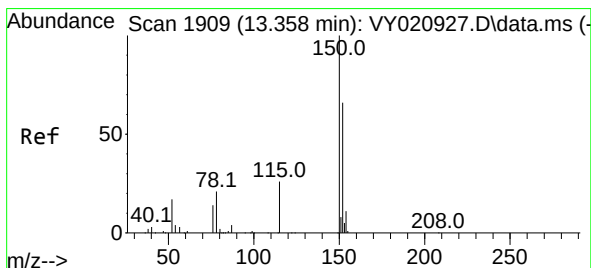
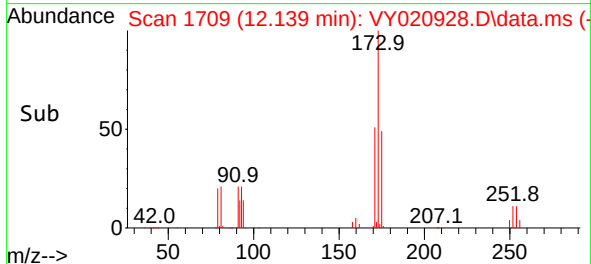
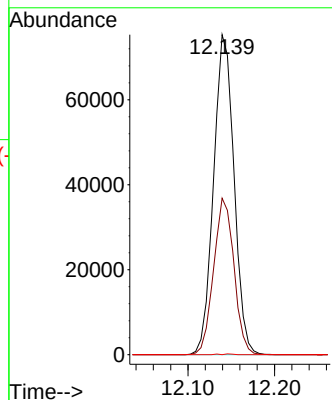
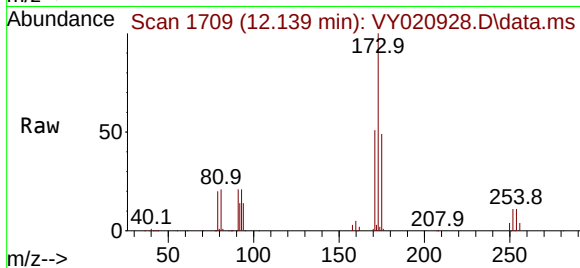
Tgt Ion:173 Resp: 123511

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: 13.359 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

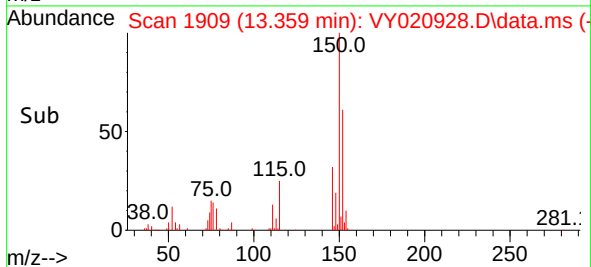
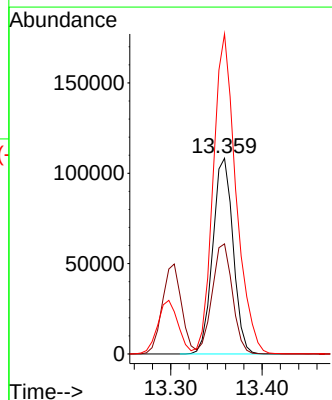
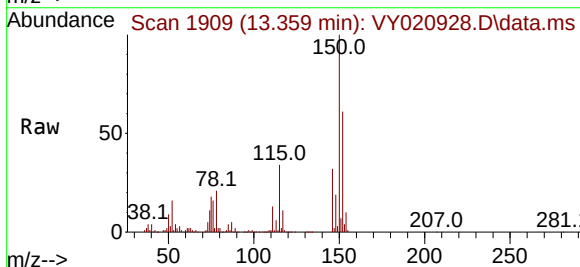
Tgt Ion:152 Resp: 166827

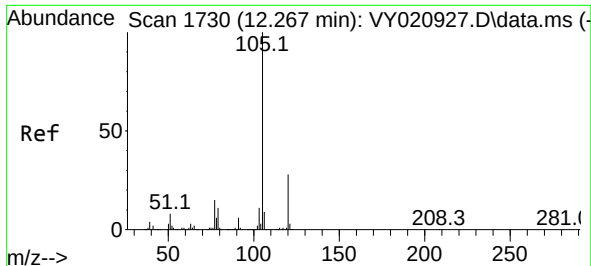
Ion Ratio Lower Upper

152 100

115 56.1 29.0 87.0

150 183.8 0.0 347.6

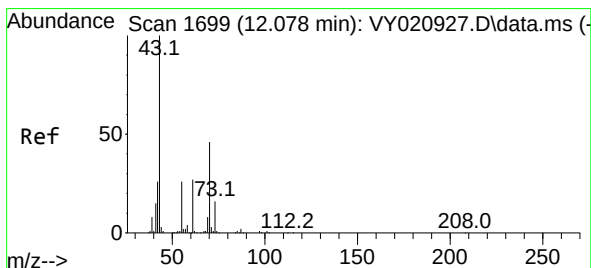
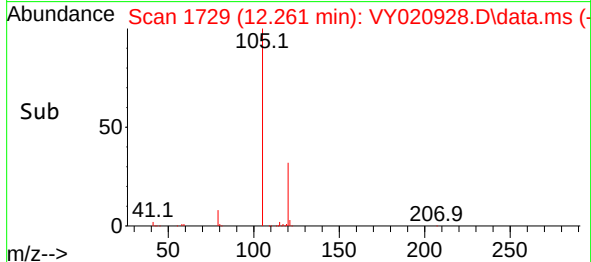
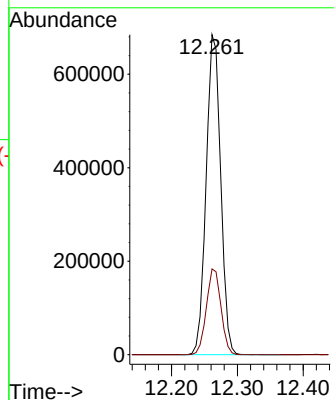
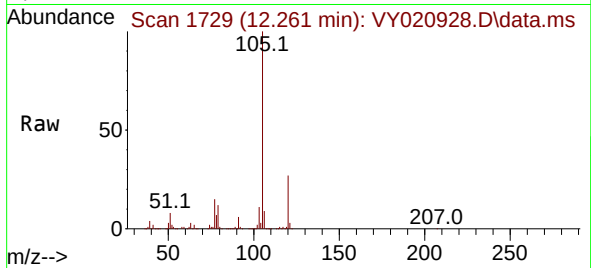




#73
Isopropylbenzene
Concen: 91.442 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.006 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

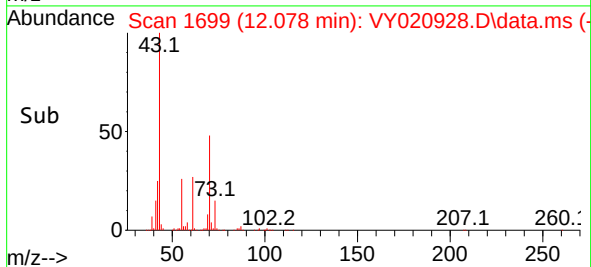
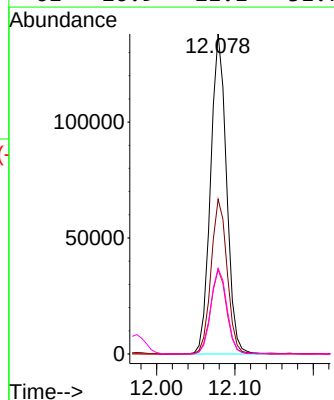
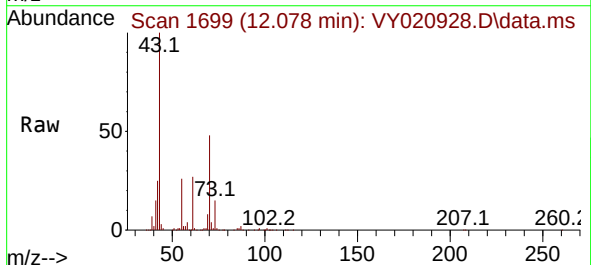
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

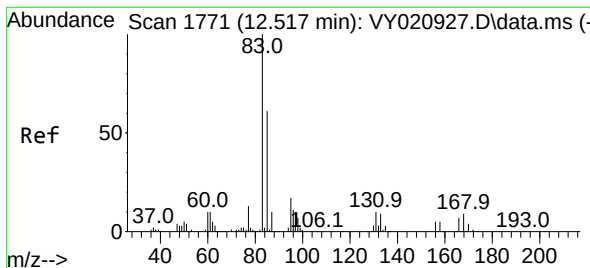
Tgt Ion:105 Resp: 1050644
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1



#74
N-ethyl acetate
Concen: 95.353 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 43 Resp: 194951
Ion Ratio Lower Upper
43 100
70 48.6 38.7 58.1
55 26.4 21.6 32.4
61 26.9 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 87.516 ug/l

RT: 12.517 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

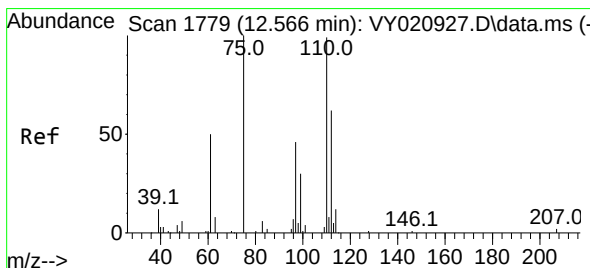
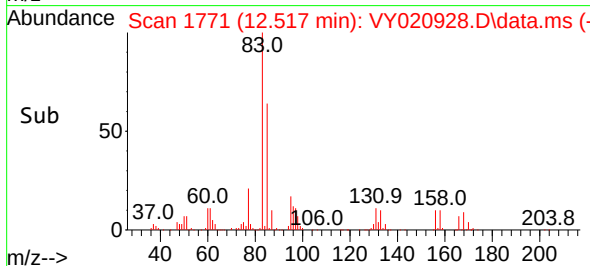
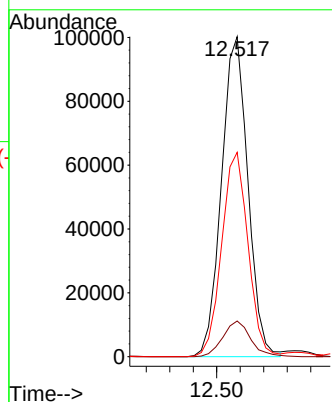
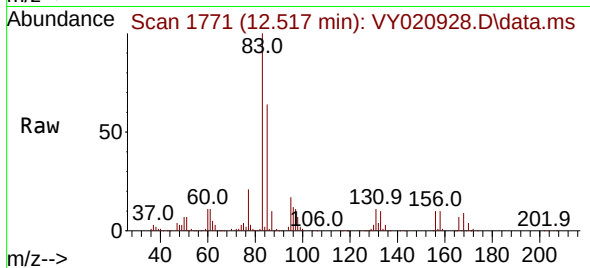
Tgt Ion: 83 Resp: 156451

Ion Ratio Lower Upper

83 100

131 11.7 5.5 16.7

85 63.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 175.611 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY020928.D

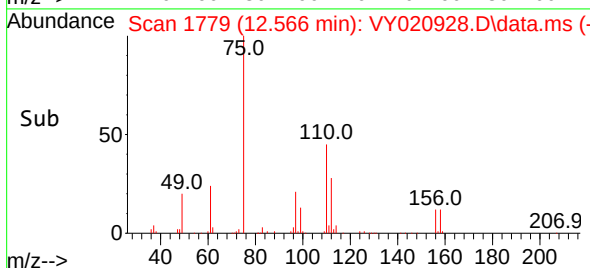
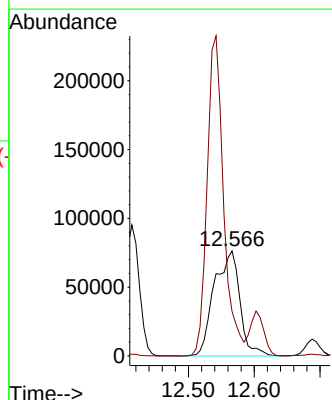
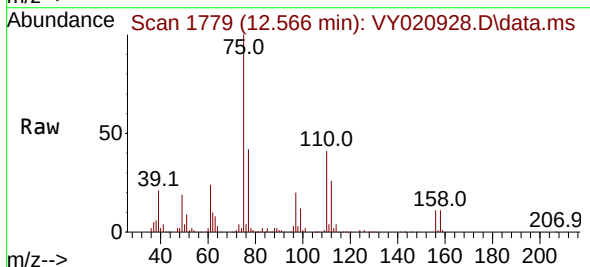
Acq: 24 Jan 2025 14:27

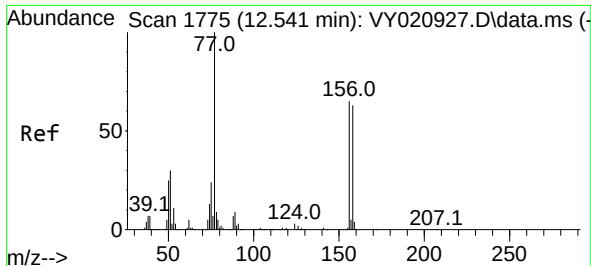
Tgt Ion: 75 Resp: 207138

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

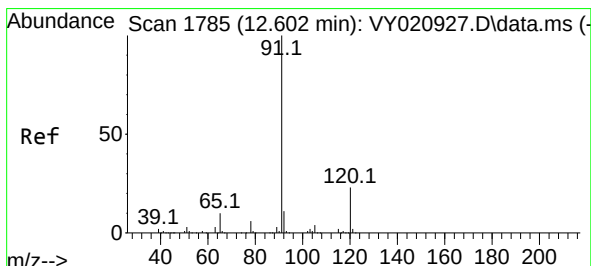
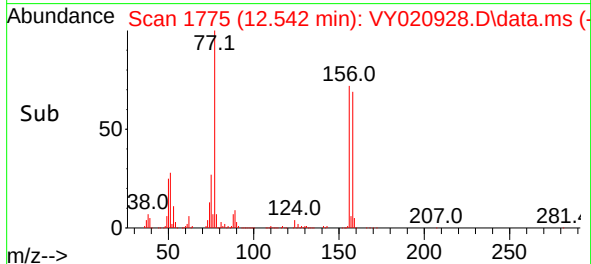
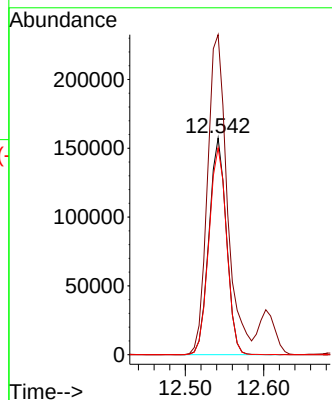
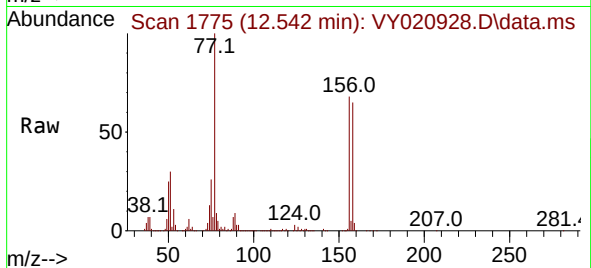




#77
Bromobenzene
Concen: 90.061 ug/l
RT: 12.542 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

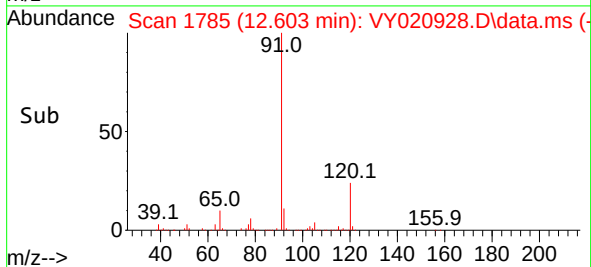
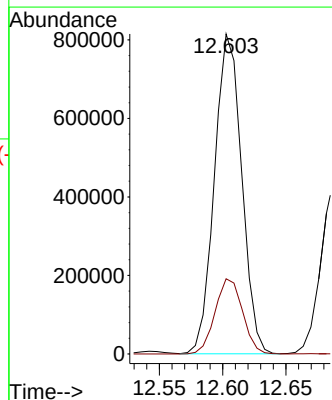
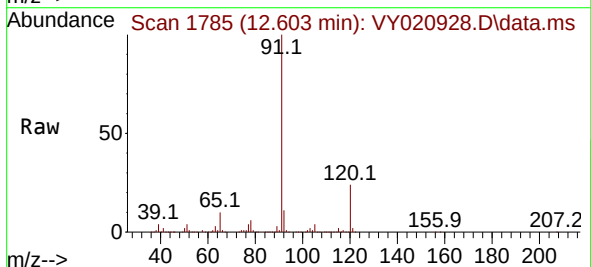
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

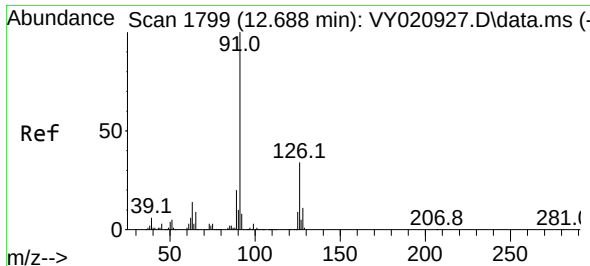
Tgt Ion:156 Resp: 242559
Ion Ratio Lower Upper
156 100
77 167.6 84.4 253.1
158 97.4 48.9 146.6



#78
n-propylbenzene
Concen: 91.014 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 91 Resp: 1218093
Ion Ratio Lower Upper
91 100
120 23.7 11.8 35.4

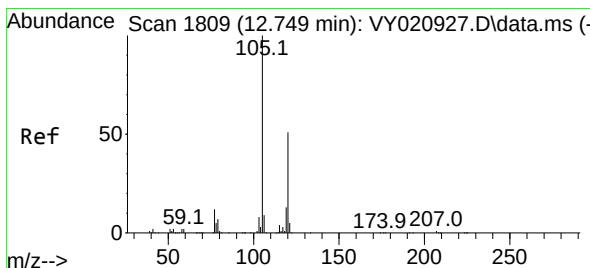
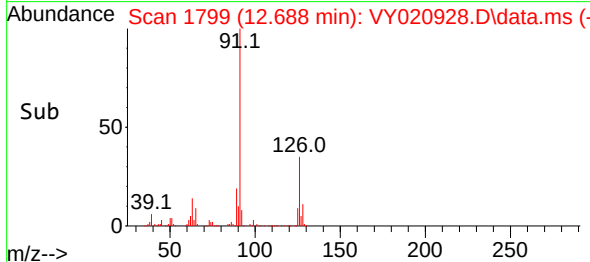
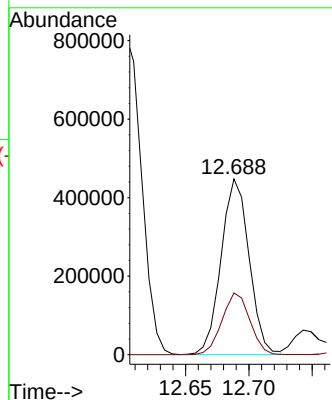
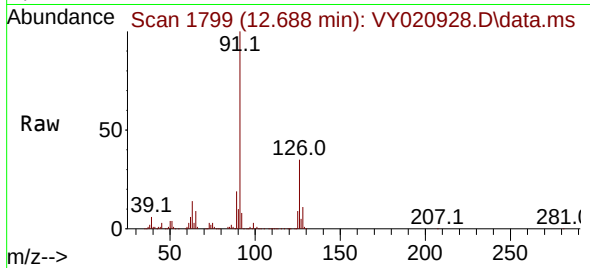




#79
2-Chlorotoluene
Concen: 90.703 ug/l
RT: 12.688 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

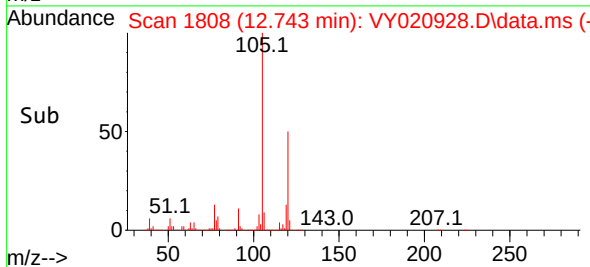
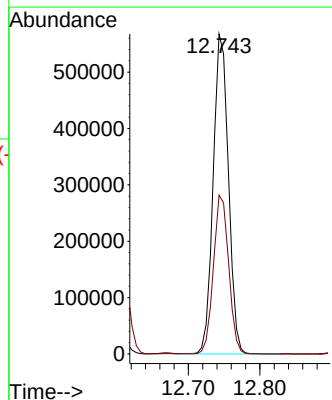
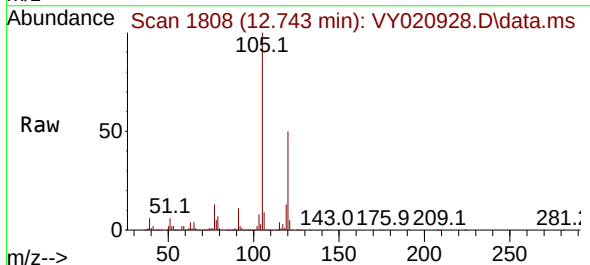
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

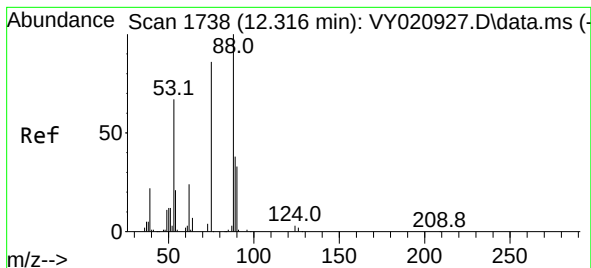
Tgt Ion: 91 Resp: 688504
Ion Ratio Lower Upper
91 100
126 35.0 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 90.967 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.006 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 105 Resp: 839826
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.6

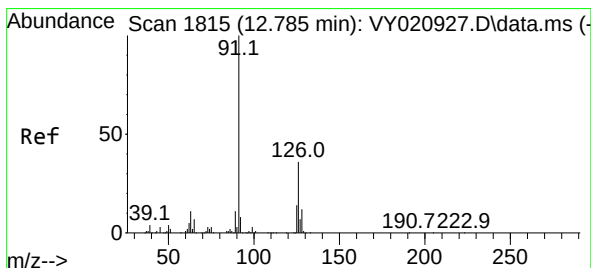
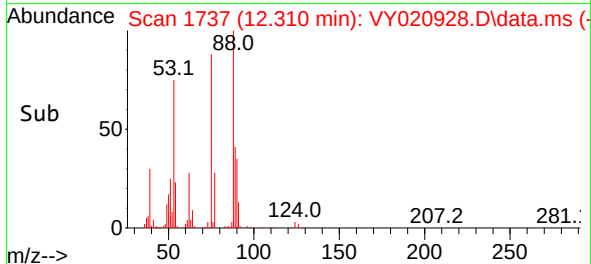
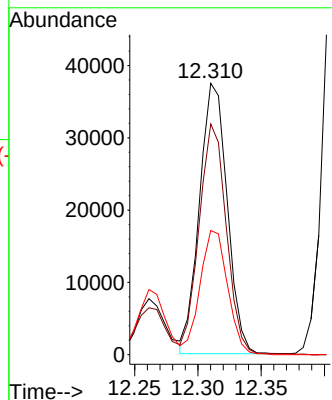
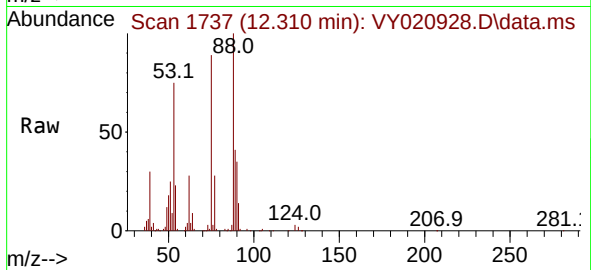




#81
trans-1,4-Dichloro-2-butene
Concen: 93.700 ug/l
RT: 12.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

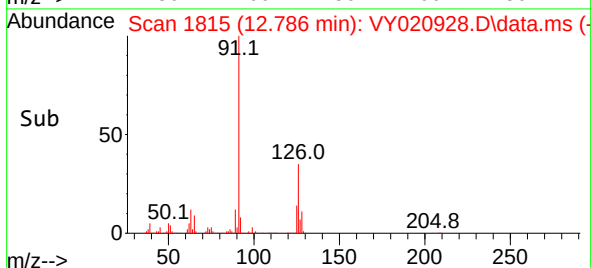
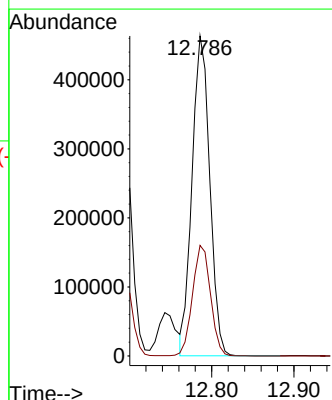
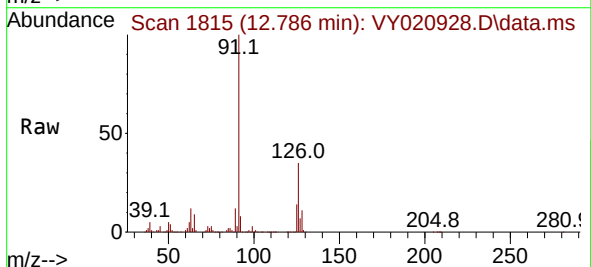
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

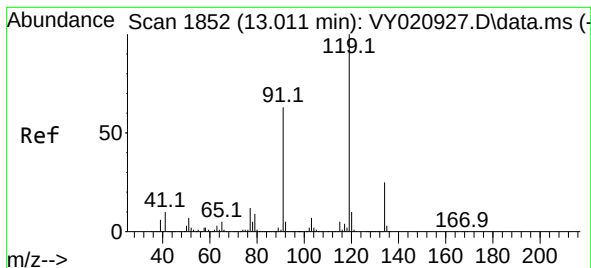
Tgt Ion: 75 Resp: 57206
Ion Ratio Lower Upper
75 100
53 83.0 67.7 101.5
89 45.8 38.4 57.6



#82
4-Chlorotoluene
Concen: 89.236 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion: 91 Resp: 691697
Ion Ratio Lower Upper
91 100
126 35.3 17.4 52.3





#83

tert-Butylbenzene

Concen: 91.221 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

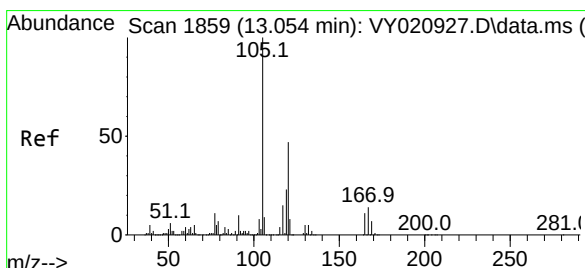
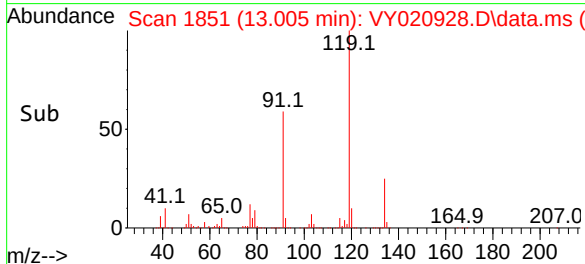
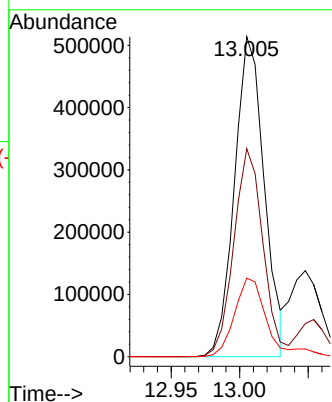
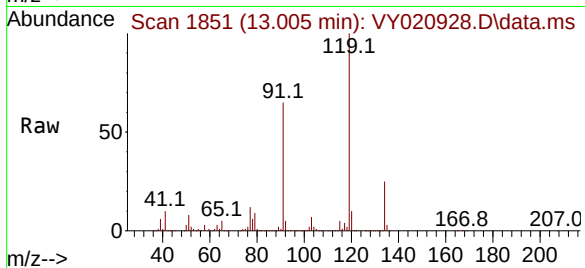
Tgt Ion:119 Resp: 776794

Ion Ratio Lower Upper

119 100

91 63.9 30.9 92.8

134 27.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 91.094 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.000 min

Lab File: VY020928.D

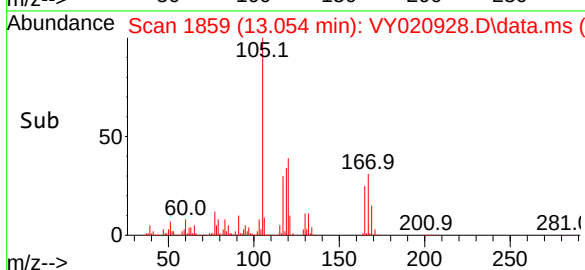
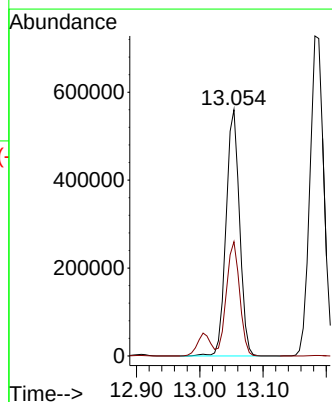
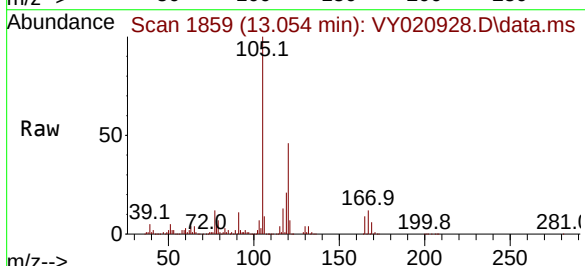
Acq: 24 Jan 2025 14:27

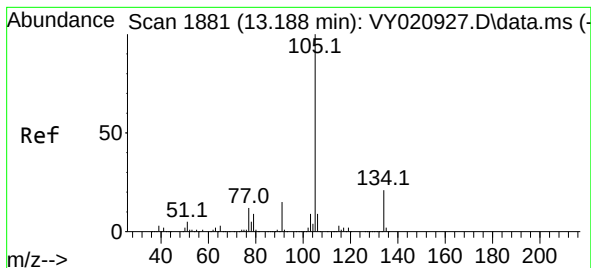
Tgt Ion:105 Resp: 827928

Ion Ratio Lower Upper

105 100

120 45.8 22.9 68.7





#85

sec-Butylbenzene

Concen: 91.286 ug/l

RT: 13.182 min Scan# 1881

Delta R.T. -0.006 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

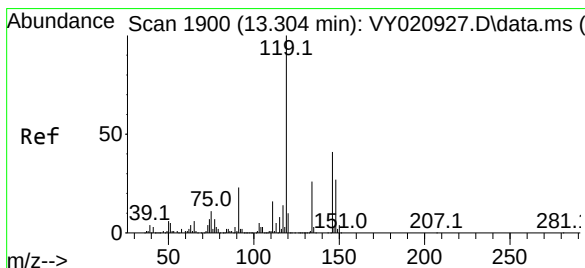
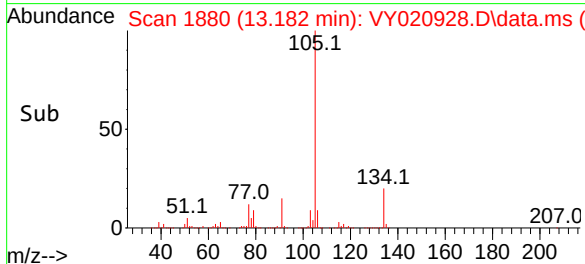
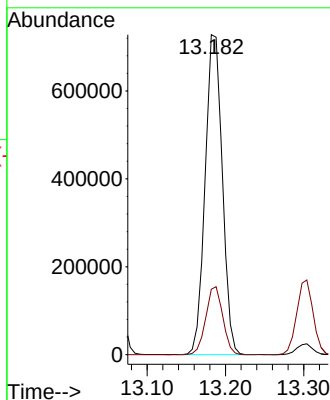
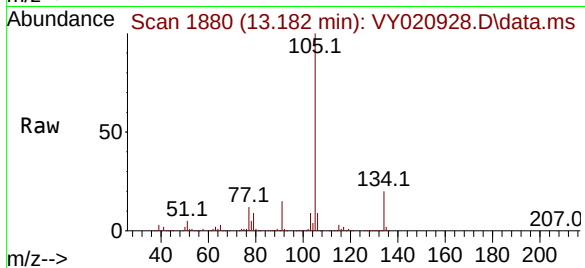
VSTDIC100

Tgt Ion:105 Resp: 1108307

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.4



#86

p-Isopropyltoluene

Concen: 91.754 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

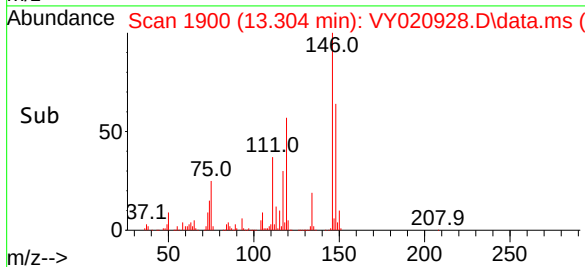
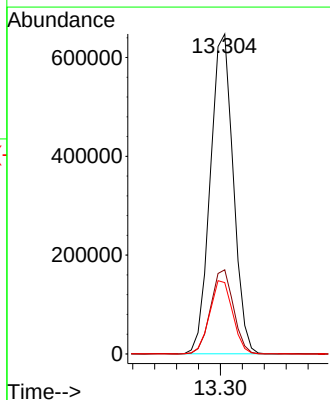
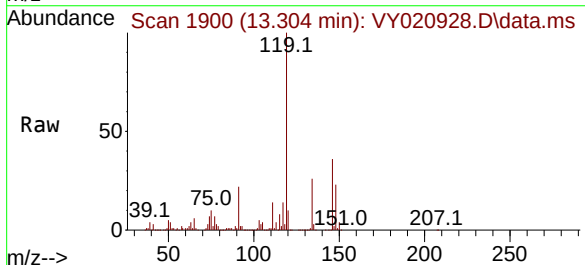
Tgt Ion:119 Resp: 941137

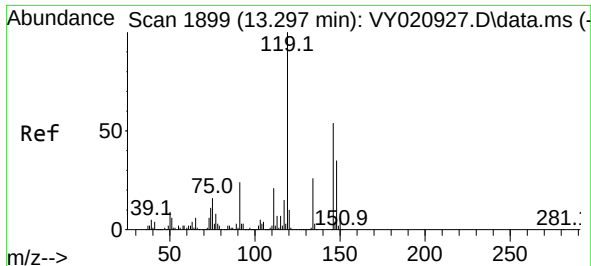
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 22.9 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 88.704 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

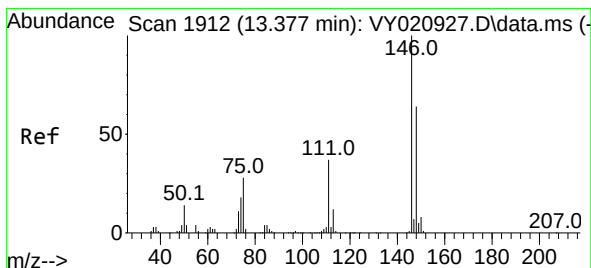
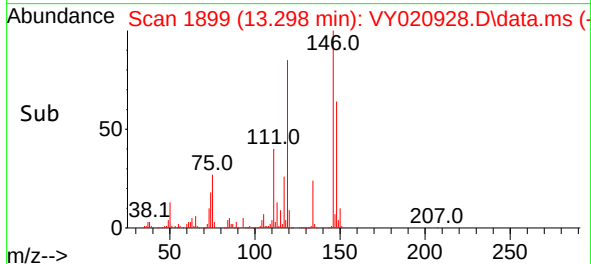
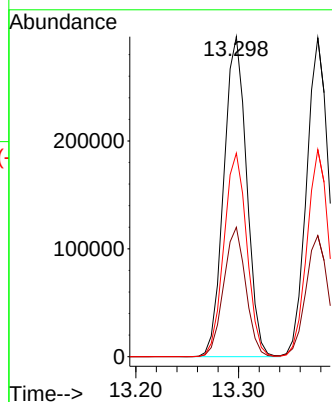
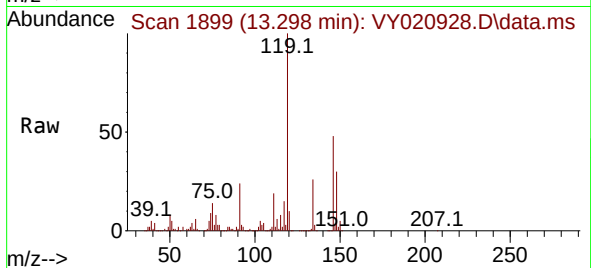
Tgt Ion:146 Resp: 457480

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

148 63.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 87.830 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

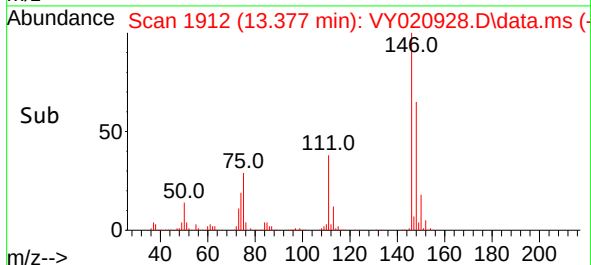
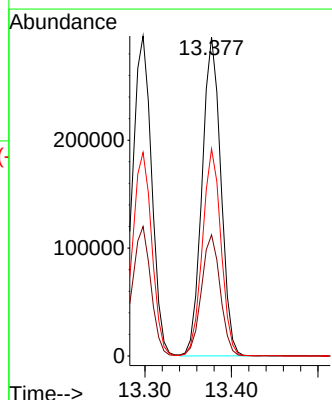
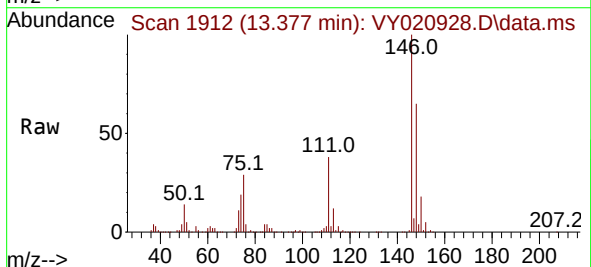
Tgt Ion:146 Resp: 444967

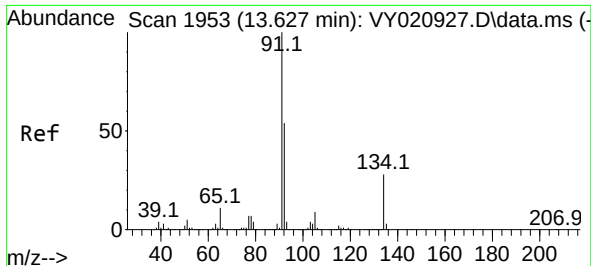
Ion Ratio Lower Upper

146 100

111 38.1 18.8 56.4

148 64.2 32.0 96.0





#89

n-Butylbenzene

Concen: 93.535 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

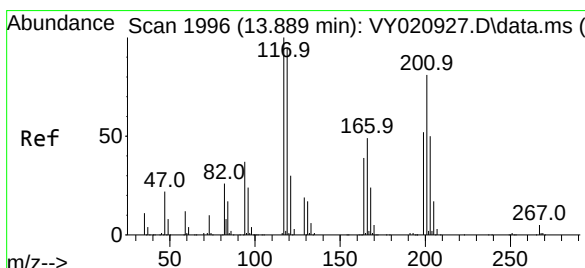
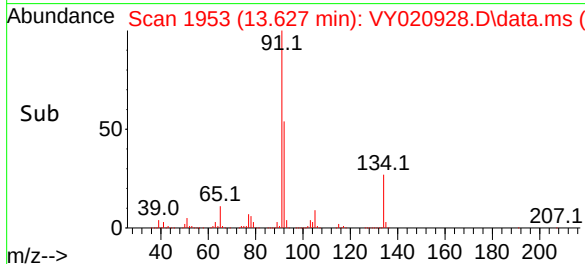
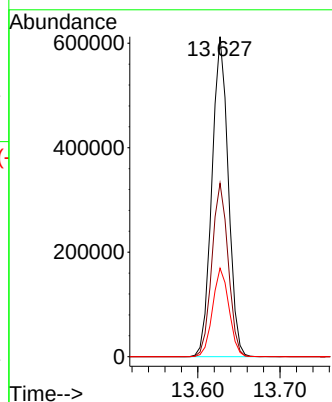
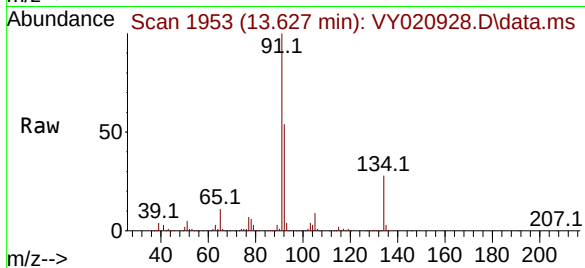
Tgt Ion: 91 Resp: 846273

Ion Ratio Lower Upper

91 100

92 54.0 26.8 80.3

134 27.7 13.8 41.4



#90

Hexachloroethane

Concen: 92.529 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VY020928.D

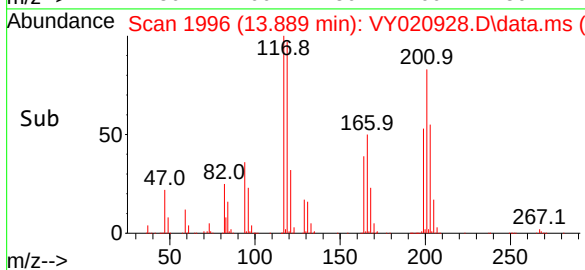
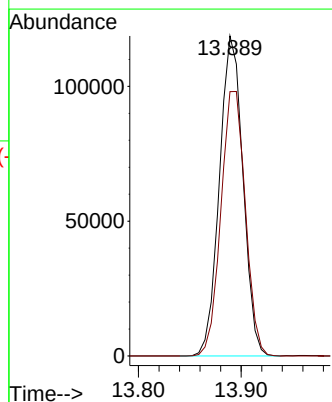
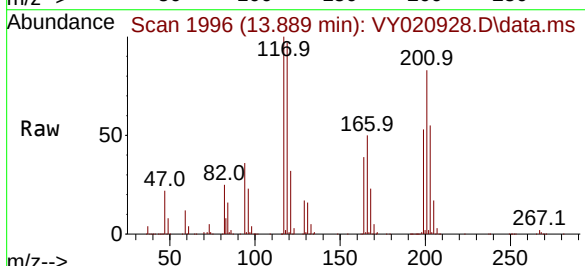
Acq: 24 Jan 2025 14:27

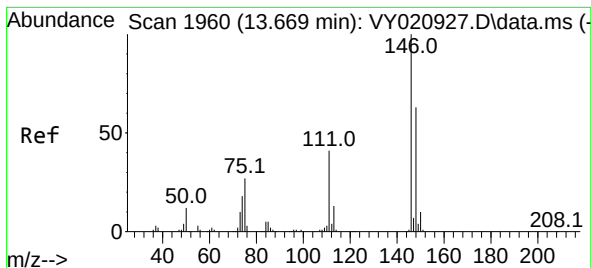
Tgt Ion: 117 Resp: 188537

Ion Ratio Lower Upper

117 100

201 85.9 42.7 128.1





#91

1,2-Dichlorobenzene

Concen: 88.227 ug/l

RT: 13.670 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

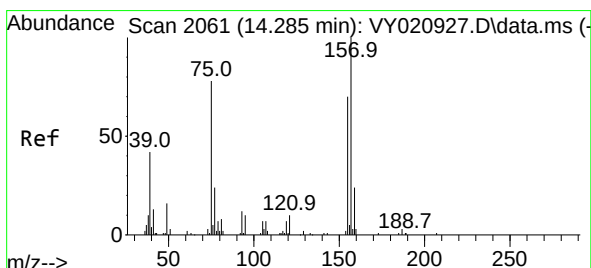
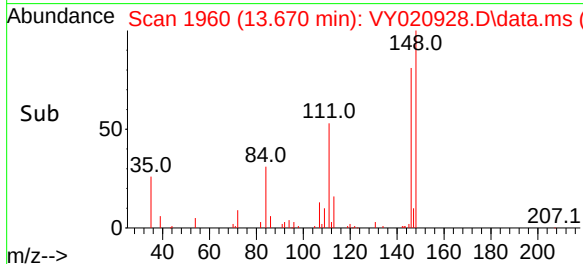
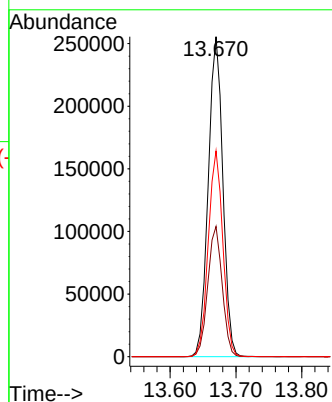
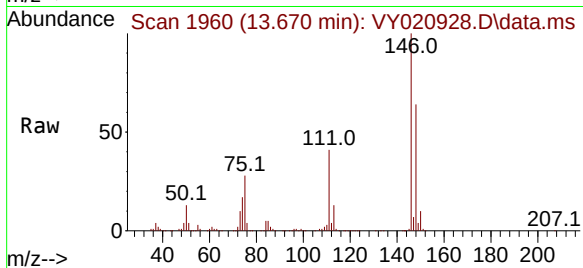
Tgt Ion:146 Resp: 394224

Ion Ratio Lower Upper

146 100

111 40.3 20.2 60.6

148 64.2 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 86.917 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

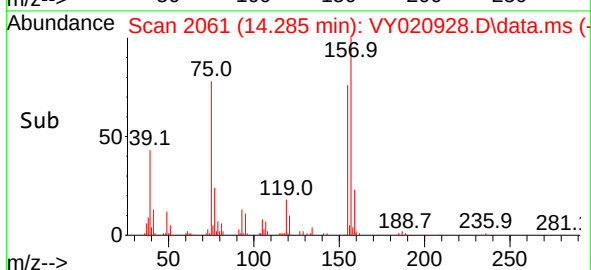
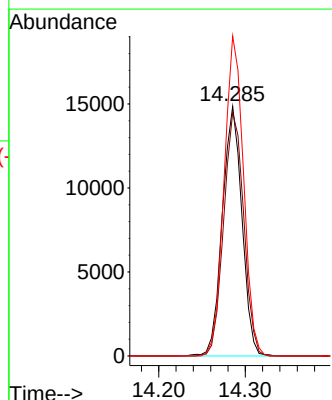
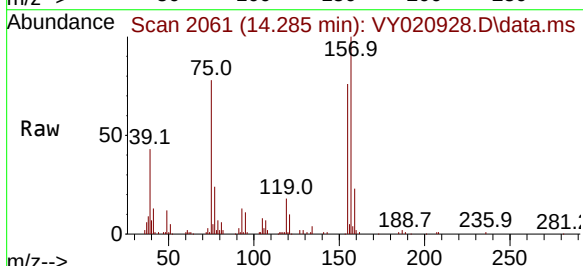
Tgt Ion: 75 Resp: 23342

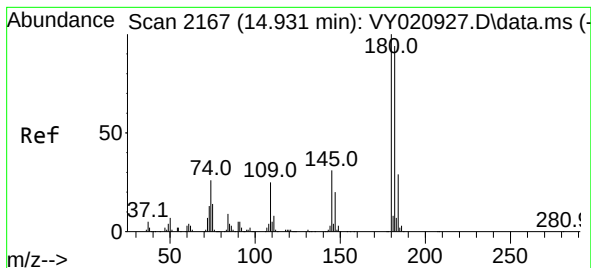
Ion Ratio Lower Upper

75 100

155 99.5 46.6 139.7

157 126.8 60.1 180.3





#93

1,2,4-Trichlorobenzene

Concen: 97.012 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

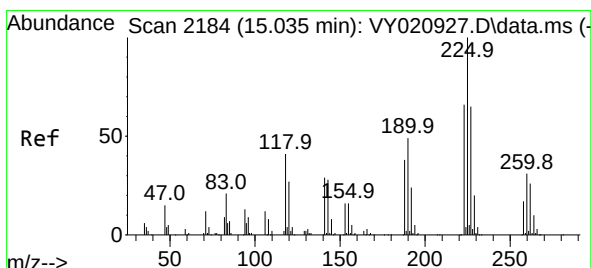
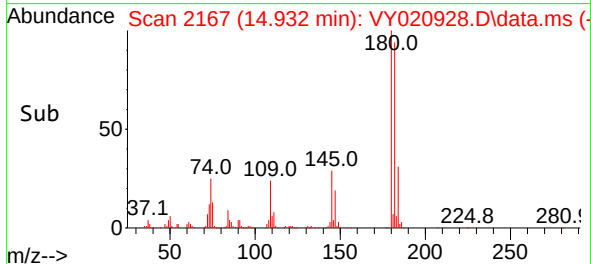
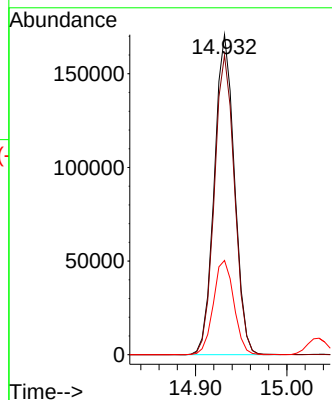
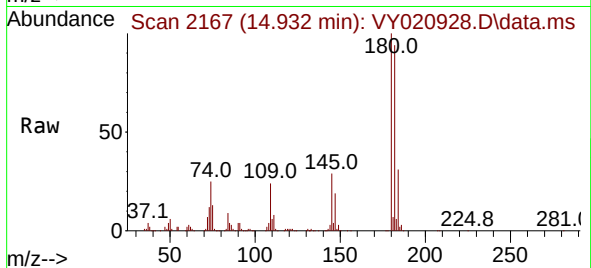
Tgt Ion:180 Resp: 260768

Ion Ratio Lower Upper

180 100

182 94.0 47.0 141.2

145 30.1 14.9 44.5



#94

Hexachlorobutadiene

Concen: 93.034 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.000 min

Lab File: VY020928.D

Acq: 24 Jan 2025 14:27

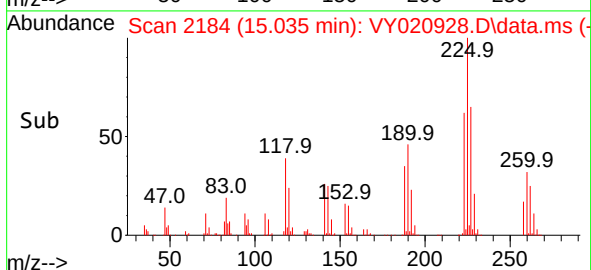
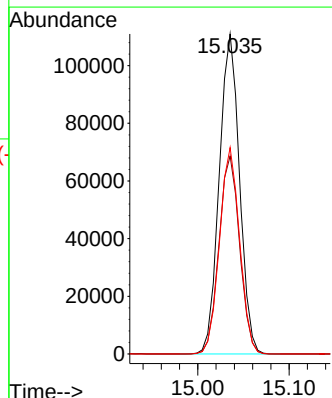
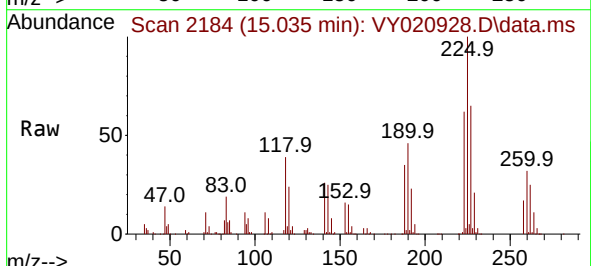
Tgt Ion:225 Resp: 171097

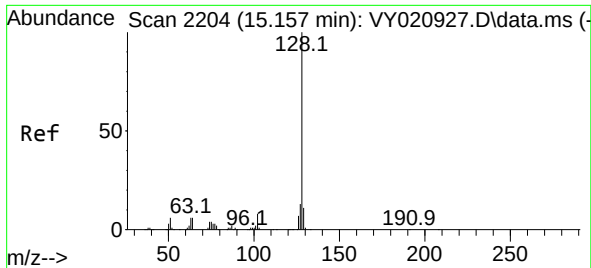
Ion Ratio Lower Upper

225 100

223 62.9 31.5 94.5

227 63.9 31.9 95.9

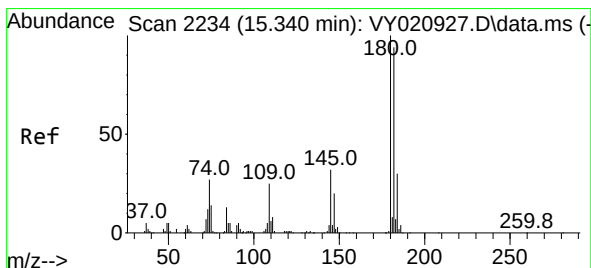
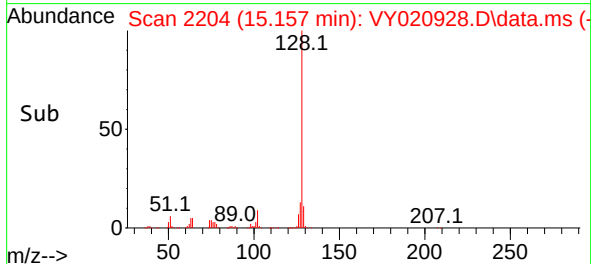
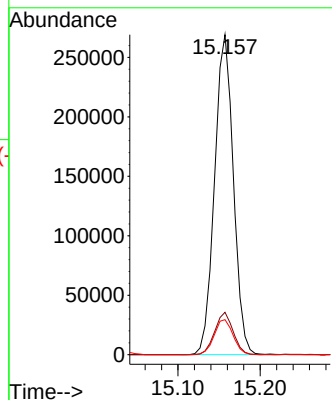
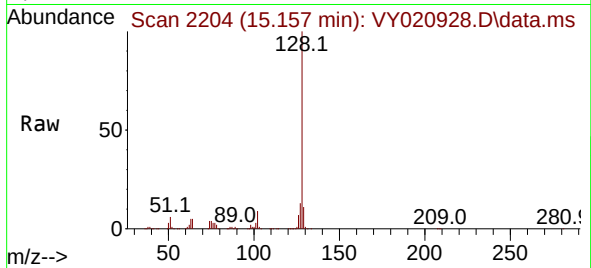




#95
Naphthalene
Concen: 99.269 ug/l
RT: 15.157 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 427889
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 96.121 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.000 min
Lab File: VY020928.D
Acq: 24 Jan 2025 14:27

Tgt Ion:180 Resp: 217070
Ion Ratio Lower Upper
180 100
182 96.0 47.5 142.6
145 31.9 15.7 47.0

