

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020711.D
 Acq On : 26 Dec 2024 11:51
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 26 16:07:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:03:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	116833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	159804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	137258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	69727	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	106883	111.689	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 223.380%#	
35) Dibromofluoromethane	7.646	113	98131	111.484	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 222.960%#	
50) Toluene-d8	10.115	98	370174	103.831	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 207.660%#	
62) 4-Bromofluorobenzene	12.414	95	126890	108.473	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 216.940%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.873	85	89983	97.849	ug/l	98
3) Chloromethane	2.074	50	36325	105.914	ug/l	97
4) Vinyl Chloride	2.214	62	42335	99.628	ug/l	99
5) Bromomethane	2.605	94	32346	100.819	ug/l	92
6) Chloroethane	2.745	64	25930	101.721	ug/l	92
7) Trichlorofluoromethane	3.074	101	160967	98.505	ug/l	97
8) Diethyl Ether	3.464	74	40852	105.059	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	89952	100.269	ug/l	98
10) Methyl Iodide	4.019	142	105224	107.262	ug/l	99
11) Tert butyl alcohol	4.872	59	27117	471.856	ug/l #	76
12) 1,1-Dichloroethene	3.799	96	80482	100.793	ug/l	98
13) Acrolein	3.665	56	6965	348.166	ug/l	98
14) Allyl chloride	4.397	41	96335	103.097	ug/l	97
15) Acrylonitrile	5.074	53	74874	498.444	ug/l	98
16) Acetone	3.879	43	53244	438.581	ug/l	99
17) Carbon Disulfide	4.116	76	207648	106.011	ug/l	99
18) Methyl Acetate	4.397	43	32722	99.589	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	222187	99.833	ug/l	100
20) Methylene Chloride	4.629	84	78882	99.904	ug/l	95
21) trans-1,2-Dichloroethene	5.128	96	88224	102.532	ug/l	97
22) Diisopropyl ether	6.037	45	191362	100.743	ug/l	97
23) Vinyl Acetate	5.976	43	574176	506.073	ug/l	100
24) 1,1-Dichloroethane	5.927	63	144777	101.659	ug/l	99
25) 2-Butanone	6.903	43	78288	477.386	ug/l	97
26) 2,2-Dichloropropane	6.896	77	169441	97.206	ug/l	99
27) cis-1,2-Dichloroethene	6.903	96	104390	101.307	ug/l	97
28) Bromochloromethane	7.256	49	42948	114.037	ug/l	95
29) Tetrahydrofuran	7.274	42	48175	478.582	ug/l	94
30) Chloroform	7.433	83	178101	97.216	ug/l	97
31) Cyclohexane	7.713	56	111954	91.072	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	194164	98.873	ug/l	99
36) 1,1-Dichloropropene	7.848	75	118213	101.669	ug/l	99
37) Ethyl Acetate	6.994	43	37453	97.751	ug/l	97
38) Carbon Tetrachloride	7.829	117	193743	101.190	ug/l	98
39) Methylcyclohexane	9.116	83	151388	101.582	ug/l	96
40) Benzene	8.091	78	346286	102.763	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	20832	107.636	ug/l	96
42) 1,2-Dichloroethane	8.165	62	111130	102.849	ug/l	99
43) Isopropyl Acetate	8.207	43	83521	102.557	ug/l #	86
44) Trichloroethene	8.872	130	101237	100.585	ug/l	95
45) 1,2-Dichloropropane	9.146	63	67508	98.968	ug/l	98
46) Dibromomethane	9.238	93	47179	99.962	ug/l	99
47) Bromodichloromethane	9.427	83	134627	100.613	ug/l	96
48) Methyl methacrylate	9.225	41	39672	104.314	ug/l	97
49) 1,4-Dioxane	9.244	88	9130	2030.846	ug/l	97
51) 4-Methyl-2-Pentanone	10.006	43	194141	493.895	ug/l	99
52) Toluene	10.176	92	236867	102.558	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	123413	105.012	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	132154	102.590	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	60063	99.697	ug/l	99
56) Ethyl methacrylate	10.445	69	82573	104.330	ug/l	98
57) 1,3-Dichloropropane	10.725	76	100785	103.074	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.719	63	151207	547.868	ug/l	99
59) 2-Hexanone	10.768	43	132885	512.015	ug/l	99
60) Dibromochloromethane	10.920	129	99612	102.326	ug/l	99
61) 1,2-Dibromoethane	11.024	107	56939	100.443	ug/l	100
64) Tetrachloroethene	10.652	164	95043	101.351	ug/l	97
65) Chlorobenzene	11.451	112	270485	100.641	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	105235	101.066	ug/l	98
67) Ethyl Benzene	11.524	91	478506	101.867	ug/l	99
68) m/p-Xylenes	11.633	106	366100	204.314	ug/l	100
69) o-Xylene	11.963	106	173536	101.366	ug/l	99
70) Styrene	11.975	104	294999	102.647	ug/l	99
71) Bromoform	12.139	173	60872	101.685	ug/l #	98
73) Isopropylbenzene	12.261	105	484532	100.300	ug/l	100
74) N-amyl acetate	12.078	43	72233	105.221	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	60116	97.073	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	90486	164.517	ug/l #	100
77) Bromobenzene	12.542	156	112291	100.978	ug/l	97
78) n-propylbenzene	12.603	91	544130	100.496	ug/l	100
79) 2-Chlorotoluene	12.688	91	310413	100.568	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	404786	100.572	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	23063	102.794	ug/l	97
82) 4-Chlorotoluene	12.786	91	322204	101.007	ug/l	99
83) tert-Butylbenzene	13.005	119	374773	99.709	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	399805	102.079	ug/l	100
85) sec-Butylbenzene	13.182	105	509425	100.564	ug/l	99
86) p-Isopropyltoluene	13.298	119	454433	100.661	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	220131	101.283	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	216013	99.911	ug/l	98
89) n-Butylbenzene	13.627	91	384958	102.152	ug/l	100
90) Hexachloroethane	13.889	117	87162	101.535	ug/l	97
91) 1,2-Dichlorobenzene	13.670	146	187803	100.778	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	12047	100.298	ug/l	98
93) 1,2,4-Trichlorobenzene	14.932	180	131697	111.184	ug/l	100
94) Hexachlorobutadiene	15.029	225	91705	106.228	ug/l	98
95) Naphthalene	15.151	128	210953	111.196	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	109793	111.325	ug/l	99

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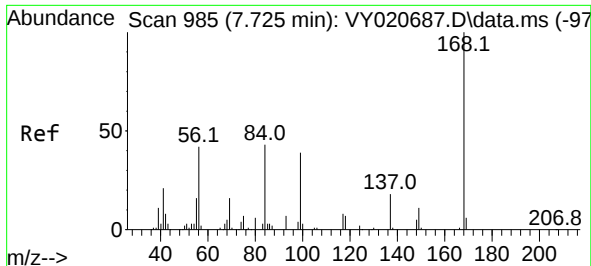
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Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:03:55 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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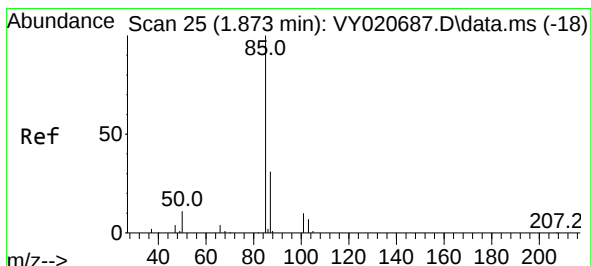
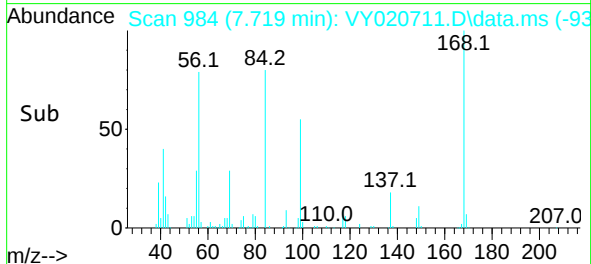
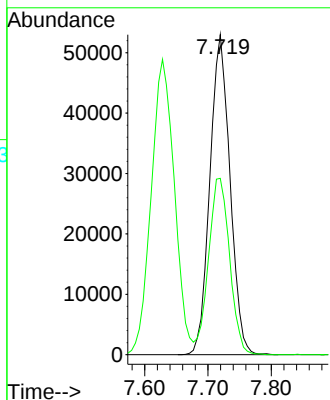
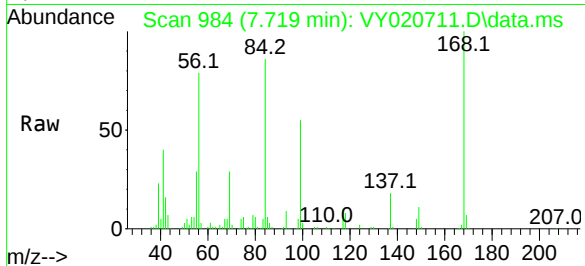




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY020711.D
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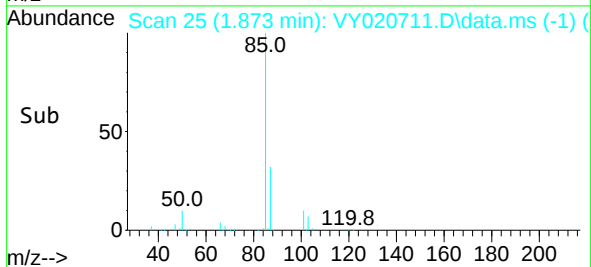
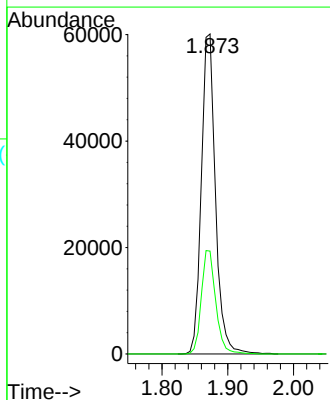
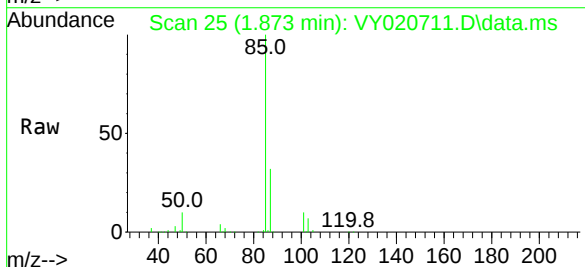
Instrument :
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ClientSampleId :
VSTDIC100

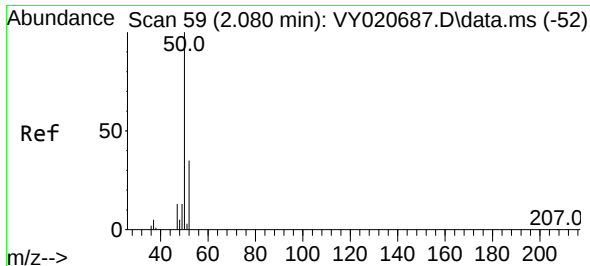
Tgt Ion:168 Resp: 116833
Ion Ratio Lower Upper
168 100
99 55.1 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 97.849 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.000 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 85 Resp: 89983
Ion Ratio Lower Upper
85 100
87 32.1 15.4 46.4

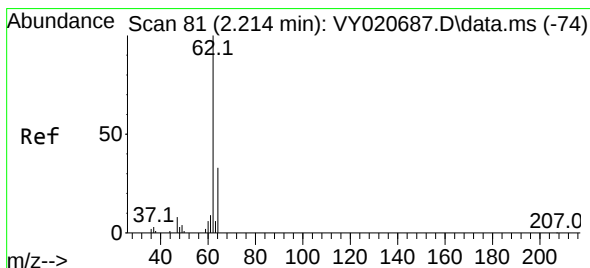
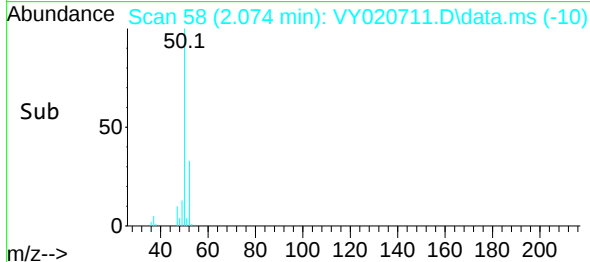
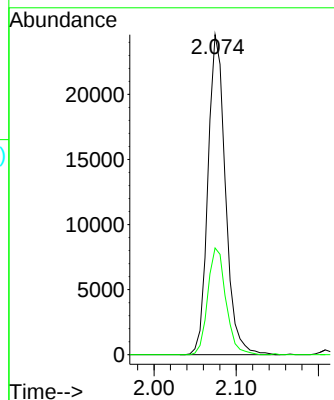
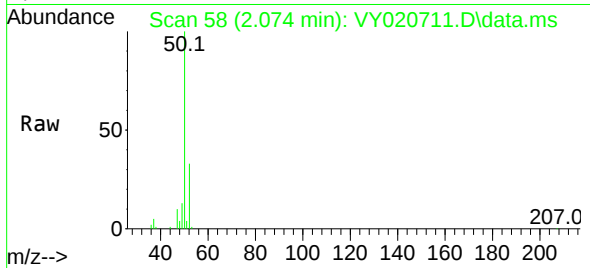




#3
Chloromethane
Concen: 105.914 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.006 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

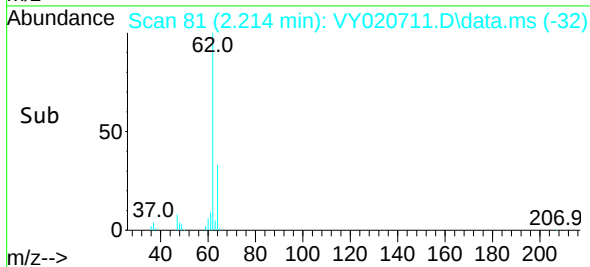
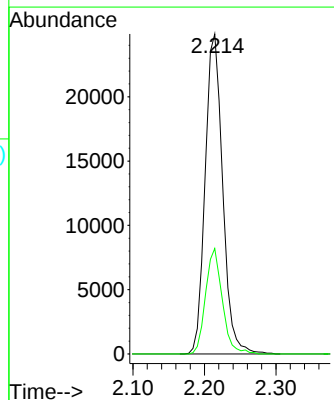
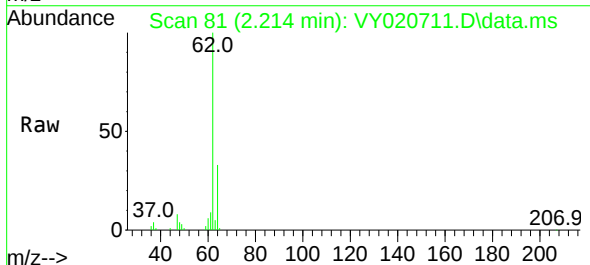
Instrument :
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ClientSampleId :
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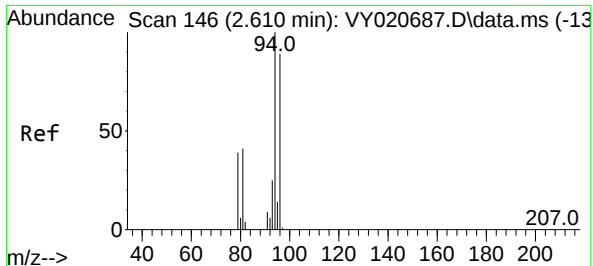
Tgt Ion: 50 Resp: 36325
Ion Ratio Lower Upper
50 100
52 33.4 28.2 42.2



#4
Vinyl Chloride
Concen: 99.628 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 62 Resp: 42335
Ion Ratio Lower Upper
62 100
64 32.9 26.6 40.0

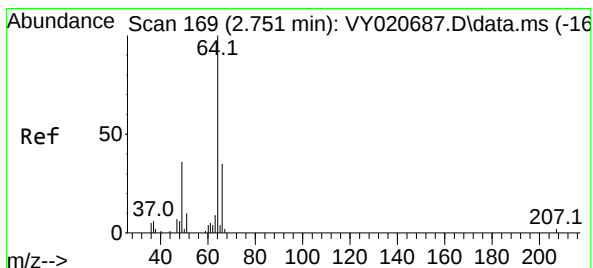
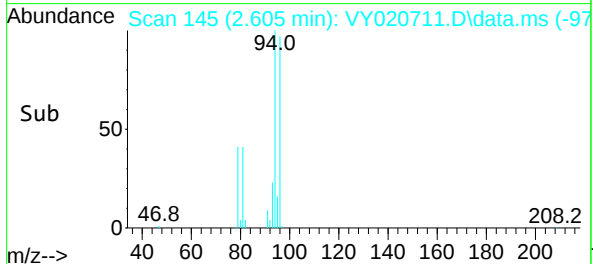
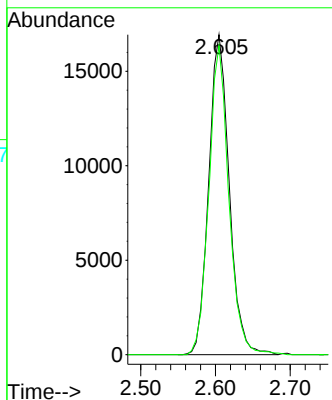
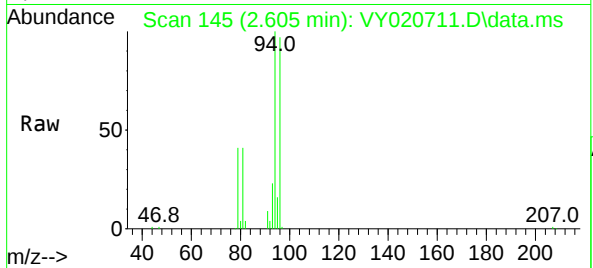




#5
Bromomethane
Concen: 100.819 ug/l
RT: 2.605 min Scan# 146
Delta R.T. -0.005 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

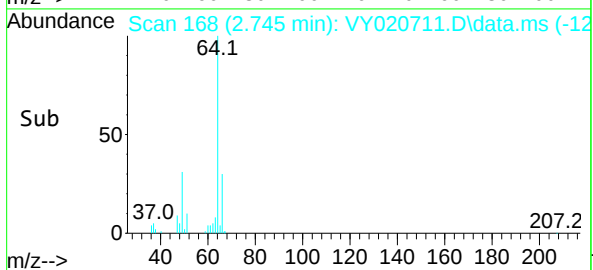
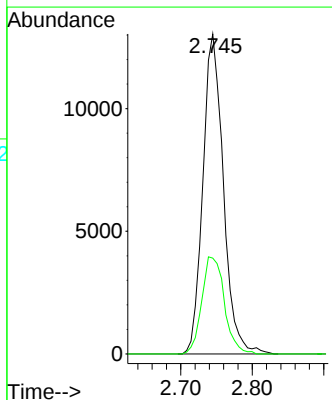
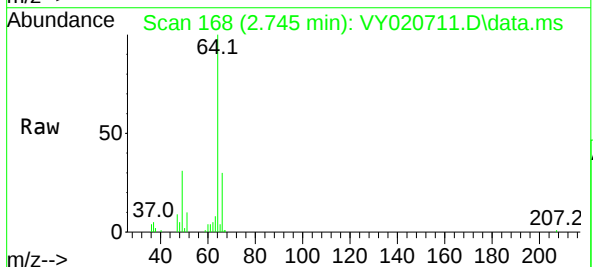
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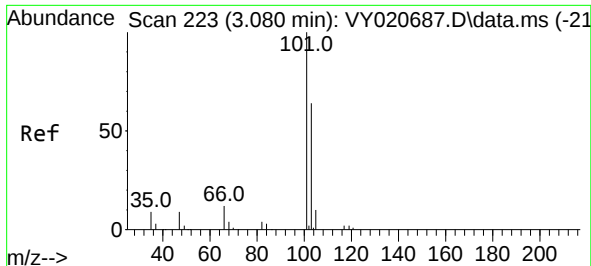
Tgt Ion: 94 Resp: 32346
Ion Ratio Lower Upper
94 100
96 96.5 71.0 106.6



#6
Chloroethane
Concen: 101.721 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.006 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 64 Resp: 25930
Ion Ratio Lower Upper
64 100
66 30.0 27.8 41.8

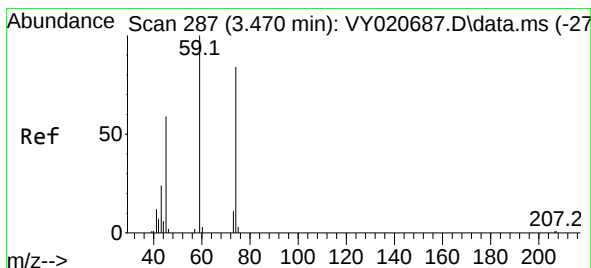
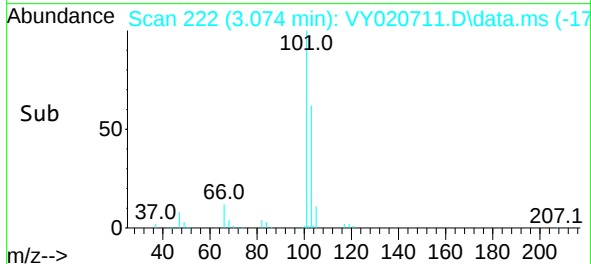
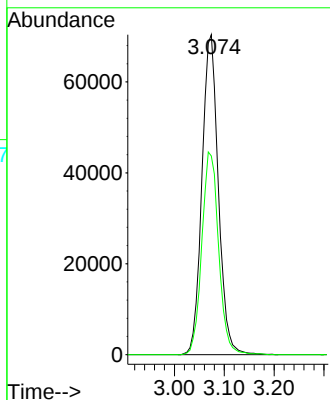
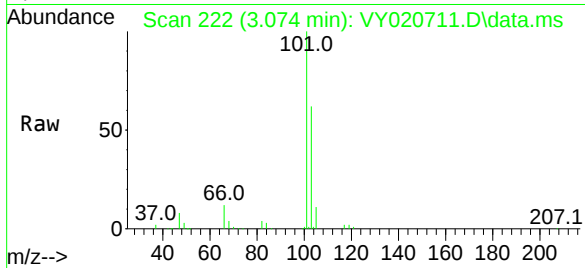




#7
Trichlorofluoromethane
Concen: 98.505 ug/l
RT: 3.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY020711.D
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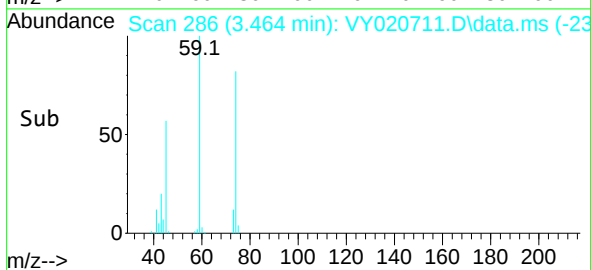
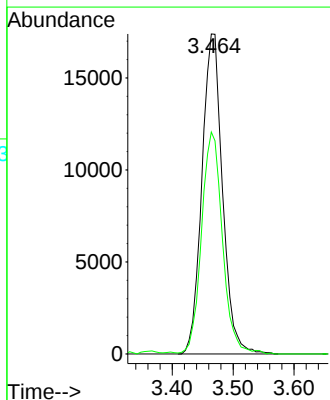
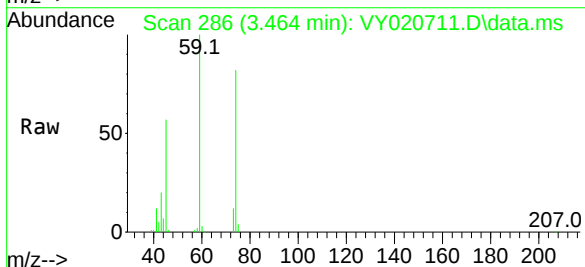
Instrument :
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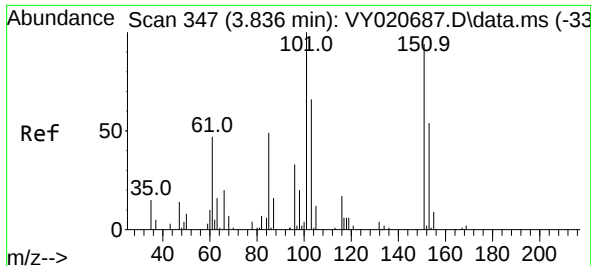
Tgt Ion:101 Resp: 160967
Ion Ratio Lower Upper
101 100
103 62.1 51.4 77.0



#8
Diethyl Ether
Concen: 105.059 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.006 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 74 Resp: 40852
Ion Ratio Lower Upper
74 100
45 70.5 35.8 107.4

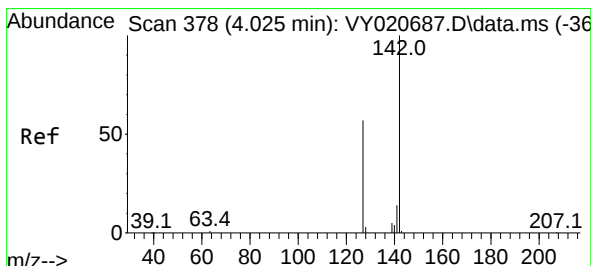
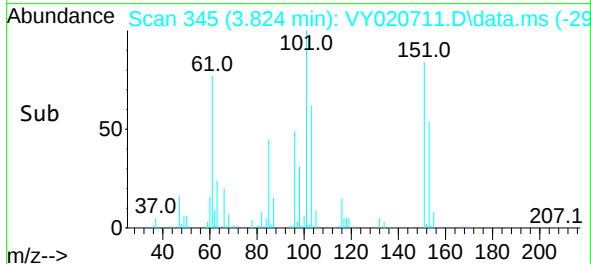
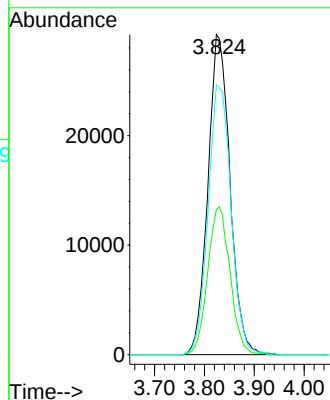
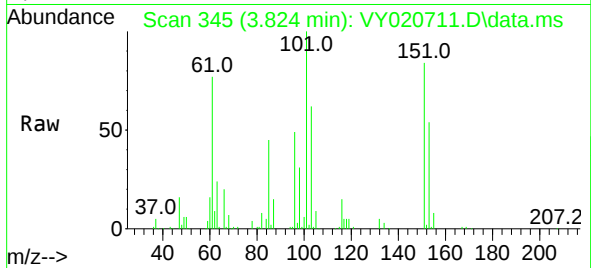




#9
1,1,2-Trichlorotrifluoroethane
Concen: 100.269 ug/l
RT: 3.824 min Scan# 34
Delta R.T. -0.012 min
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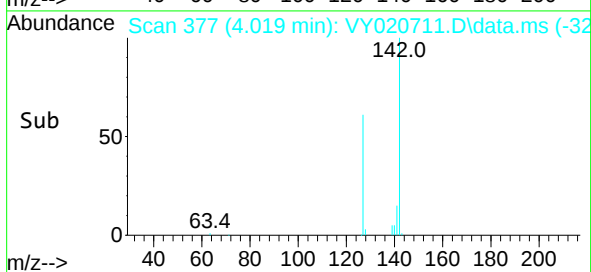
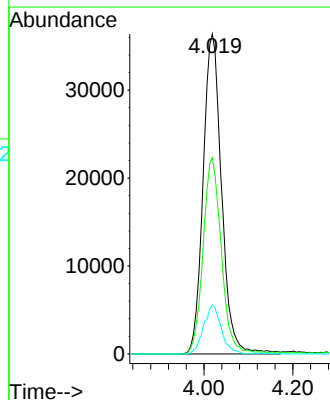
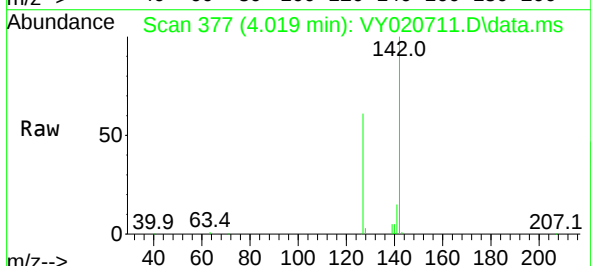
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

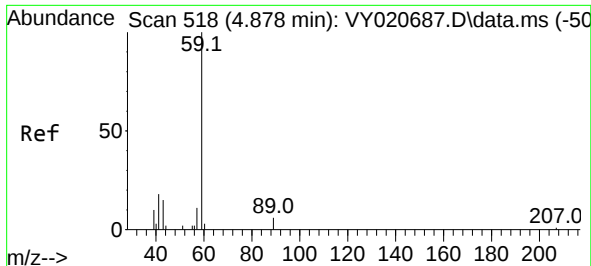
Tgt Ion:101 Resp: 89952
Ion Ratio Lower Upper
101 100
85 46.8 38.2 57.2
151 87.9 68.4 102.6



#10
Methyl Iodide
Concen: 107.262 ug/l
RT: 4.019 min Scan# 377
Delta R.T. -0.006 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

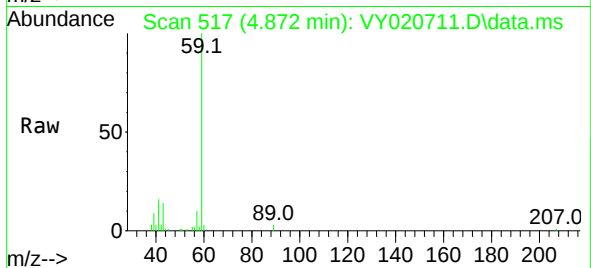
Tgt Ion:142 Resp: 105224
Ion Ratio Lower Upper
142 100
127 60.4 48.8 73.2
141 14.6 11.9 17.9



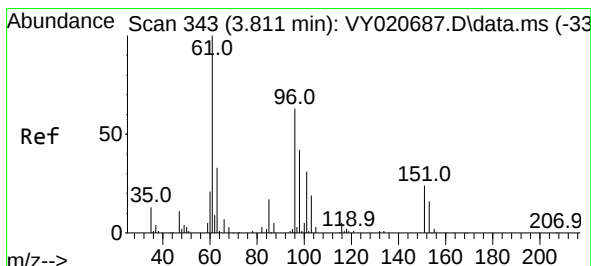
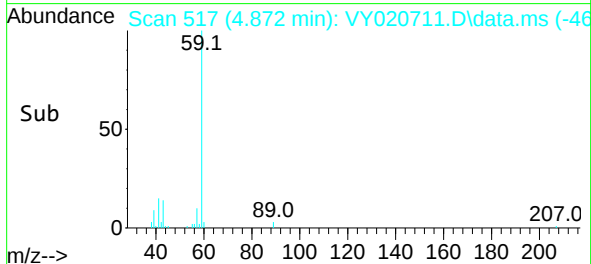
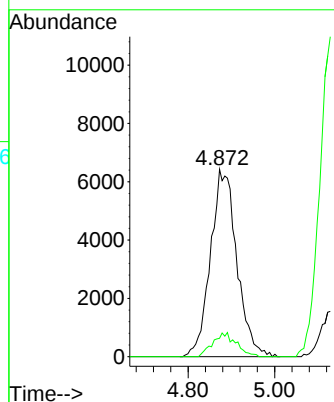


#11
Tert butyl alcohol
Concen: 471.856 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

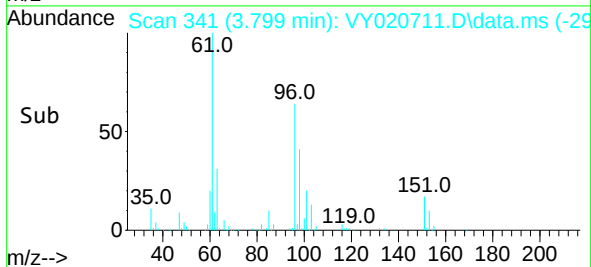
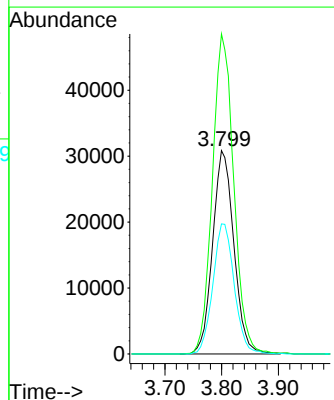
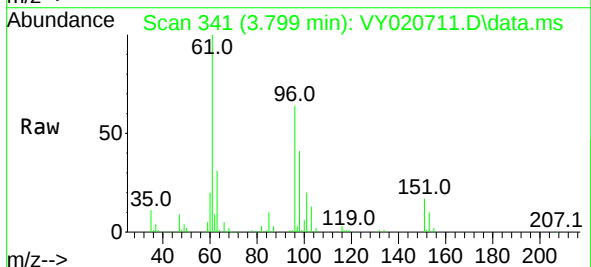


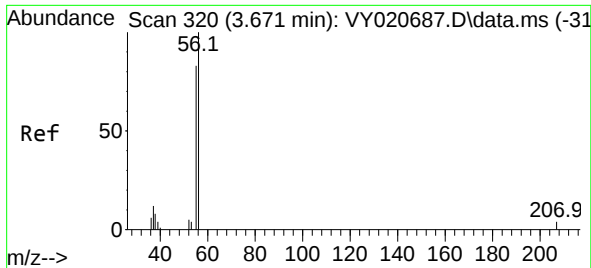
Tgt Ion: 59 Resp: 27117
Ion Ratio Lower Upper
59 100
57 11.5 2.8 4.2#



#12
1,1-Dichloroethene
Concen: 100.793 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

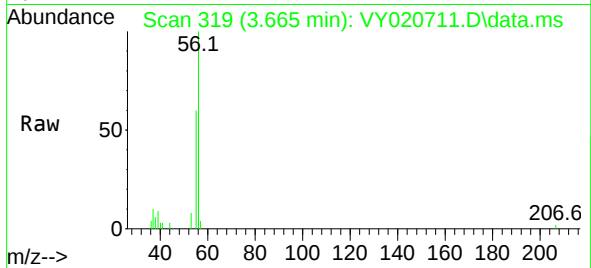
Tgt Ion: 96 Resp: 80482
Ion Ratio Lower Upper
96 100
61 157.3 127.1 190.7
98 63.9 53.4 80.0



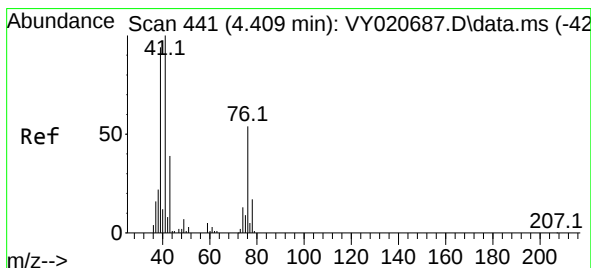
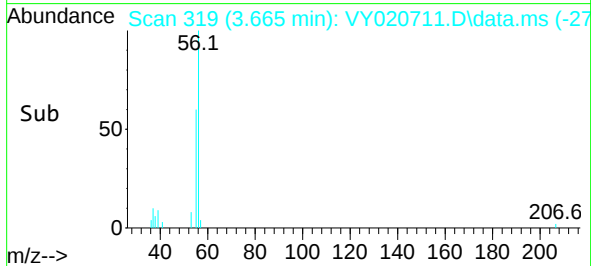
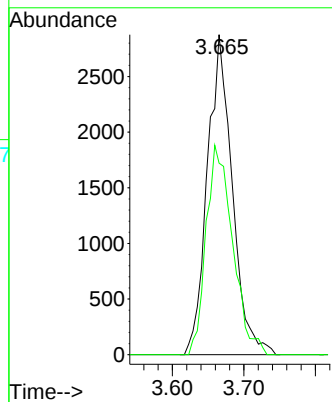


#13
Acrolein
Concen: 348.166 ug/l
RT: 3.665 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

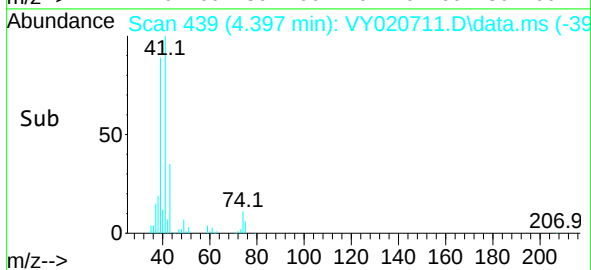
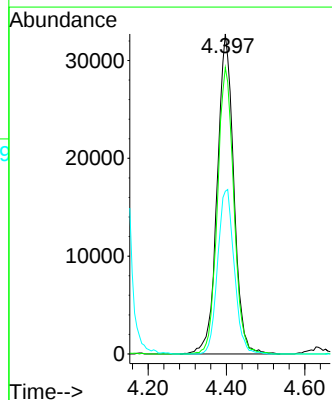
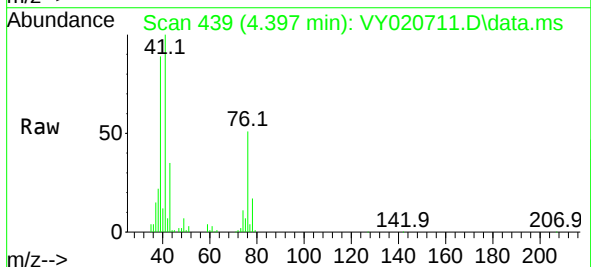


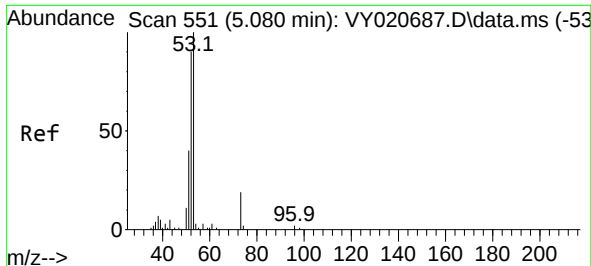
Tgt Ion: 56 Resp: 6965
Ion Ratio Lower Upper
56 100
55 69.7 57.0 85.4



#14
Allyl chloride
Concen: 103.097 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.012 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 41 Resp: 96335
Ion Ratio Lower Upper
41 100
39 88.3 73.5 110.3
76 51.2 41.8 62.8

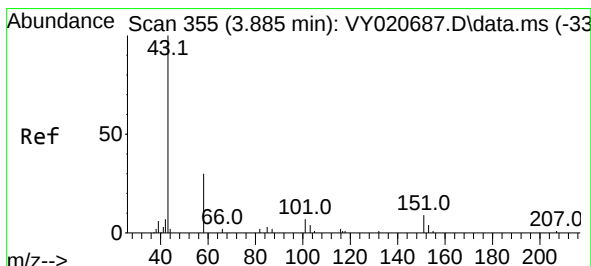
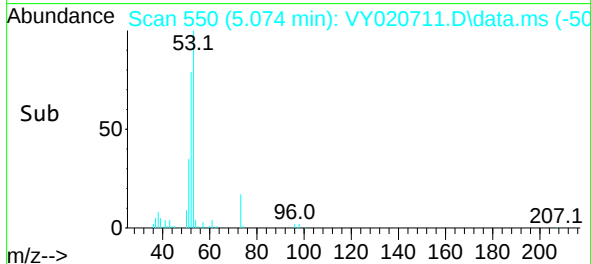
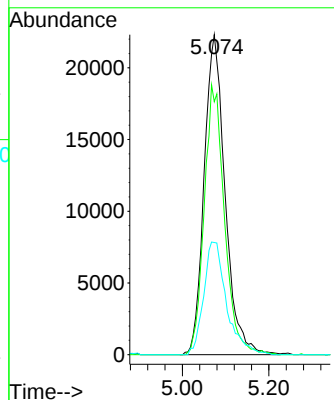
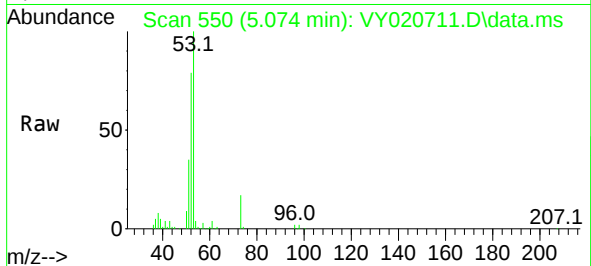




#15
Acrylonitrile
Concen: 498.444 ug/l
RT: 5.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

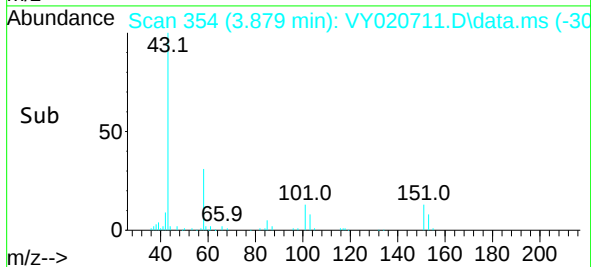
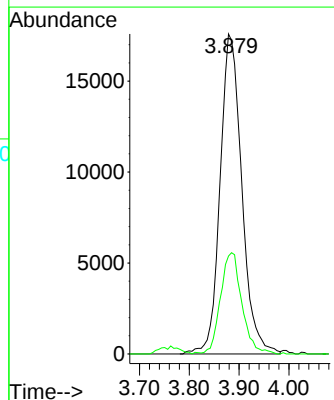
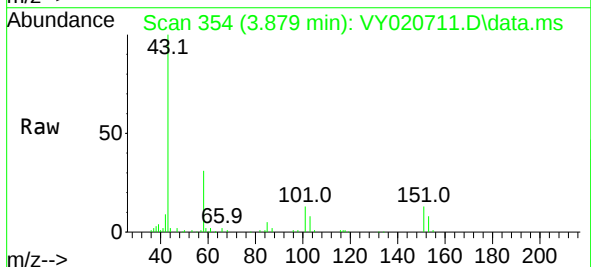
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

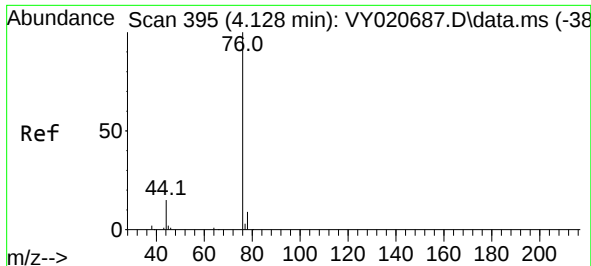
Tgt Ion: 53 Resp: 74874
Ion Ratio Lower Upper
53 100
52 81.8 67.1 100.7
51 38.6 31.4 47.0



#16
Acetone
Concen: 438.581 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 43 Resp: 53244
Ion Ratio Lower Upper
43 100
58 30.6 25.0 37.6

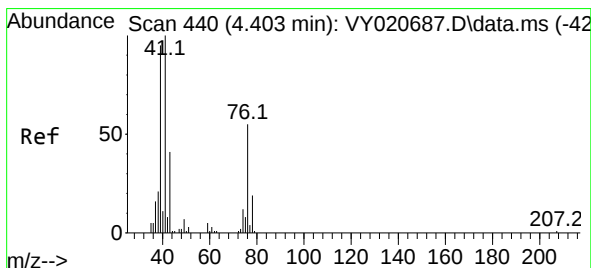
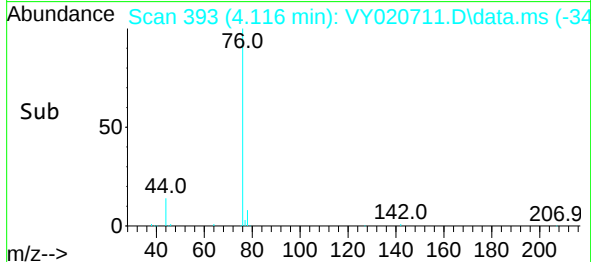
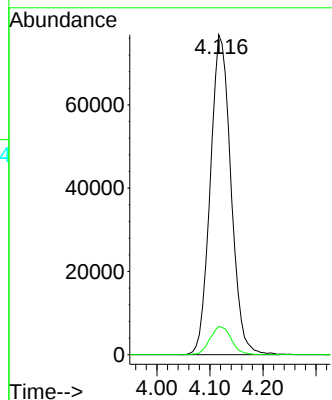
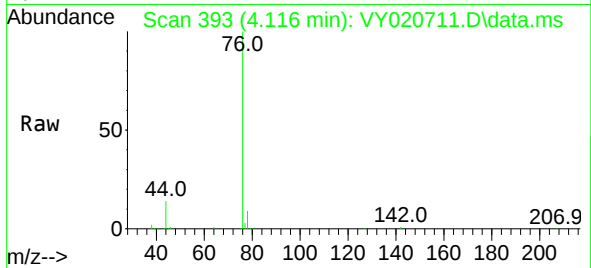




#17
Carbon Disulfide
Concen: 106.011 ug/l
RT: 4.116 min Scan# 393
Delta R.T. -0.012 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

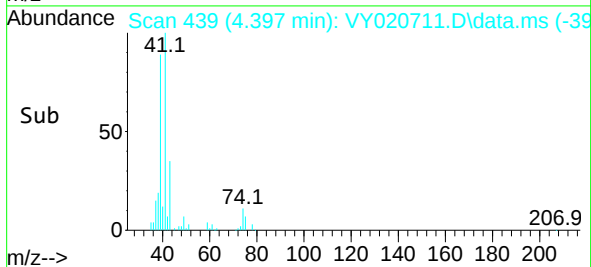
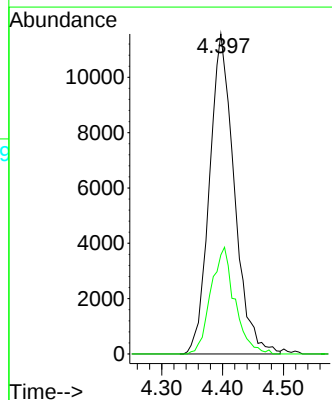
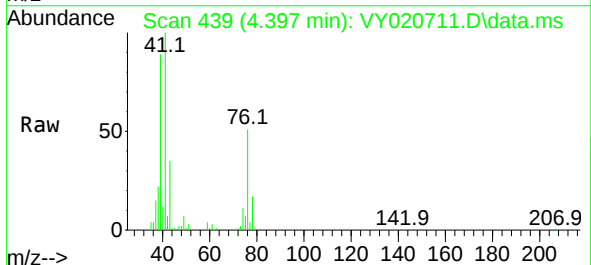
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

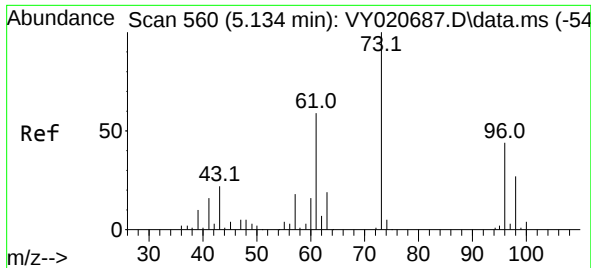
Tgt Ion: 76 Resp: 207648
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 99.589 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 43 Resp: 32722
Ion Ratio Lower Upper
43 100
74 32.3 25.3 37.9

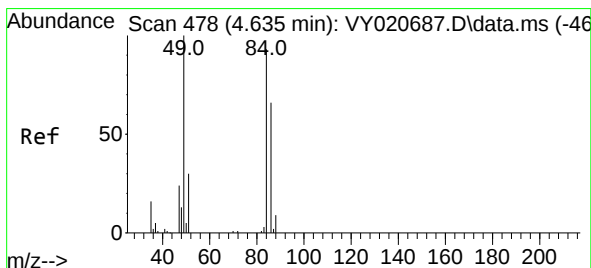
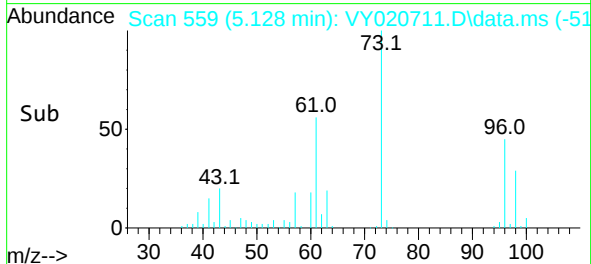
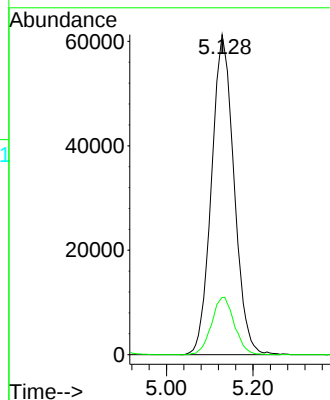
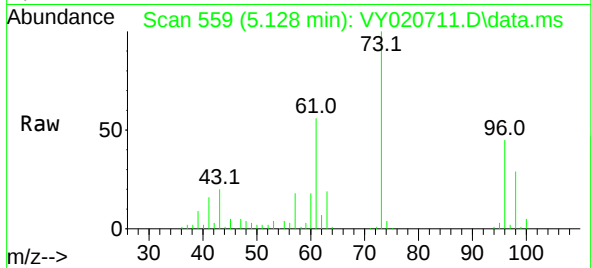




#19
Methyl tert-butyl Ether
Concen: 99.833 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

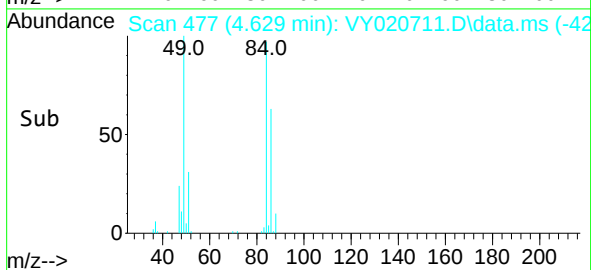
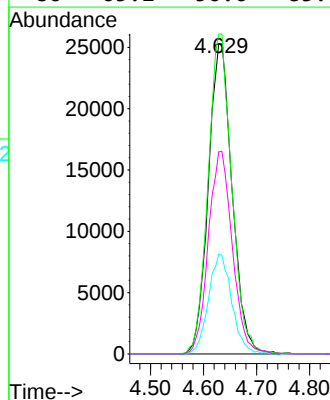
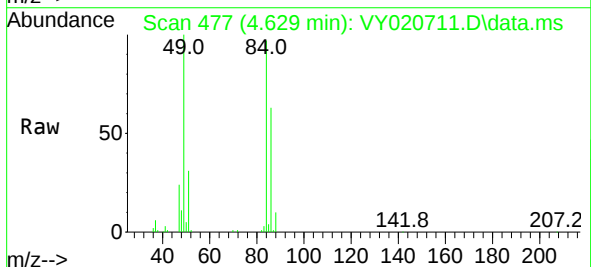
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

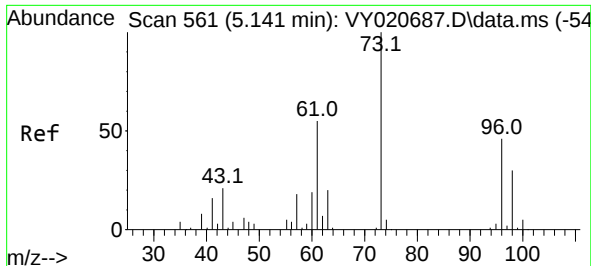
Tgt Ion: 73 Resp: 222187
Ion Ratio Lower Upper
73 100
57 17.9 14.4 21.6



#20
Methylene Chloride
Concen: 99.904 ug/l
RT: 4.629 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 84 Resp: 78882
Ion Ratio Lower Upper
84 100
49 103.2 86.4 129.6
51 32.2 25.5 38.3
86 65.2 56.6 85.0

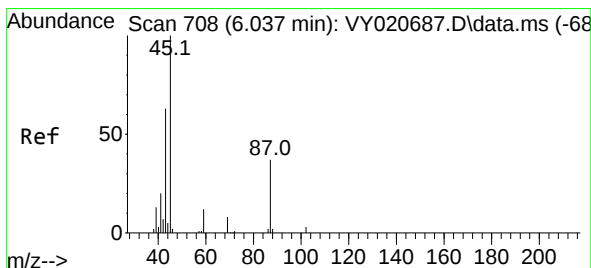
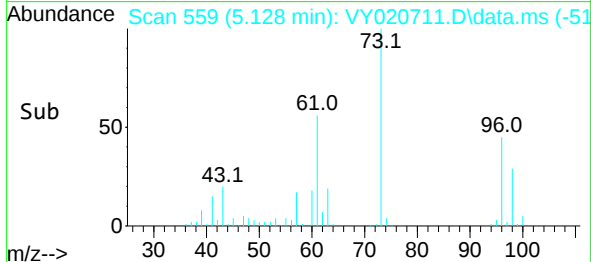
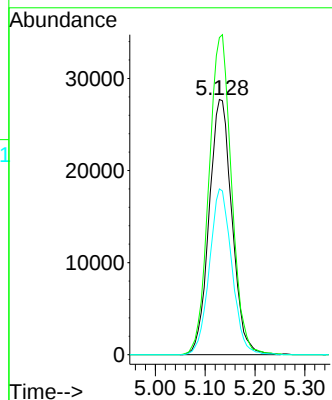
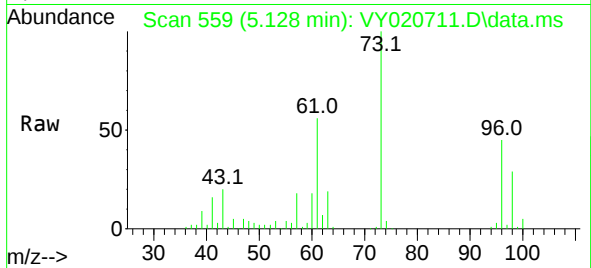




#21
trans-1,2-Dichloroethene
Concen: 102.532 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.013 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

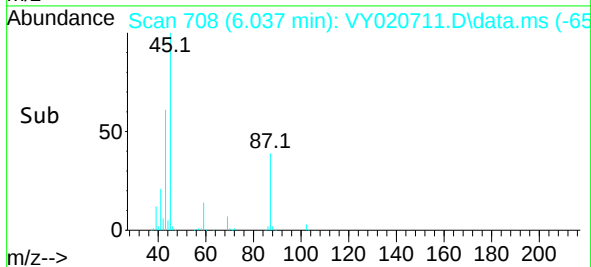
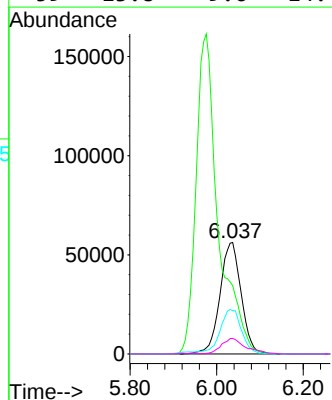
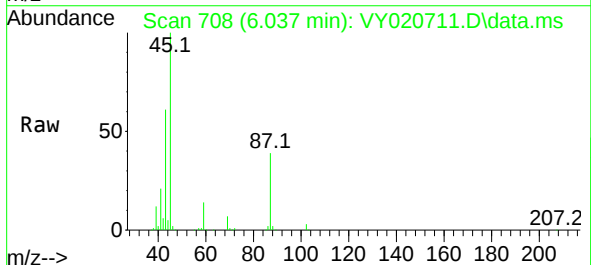
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

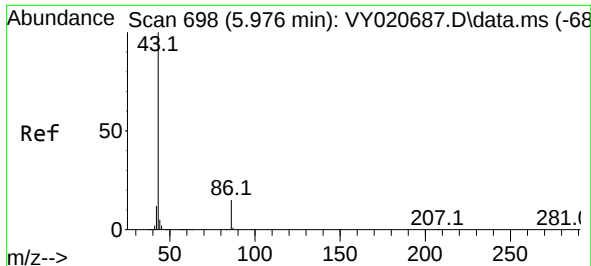
Tgt Ion: 96 Resp: 88224
Ion Ratio Lower Upper
96 100
61 124.3 96.1 144.1
98 64.9 52.7 79.1



#22
Diisopropyl ether
Concen: 100.743 ug/l
RT: 6.037 min Scan# 708
Delta R.T. -0.000 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 45 Resp: 191362
Ion Ratio Lower Upper
45 100
43 61.0 51.3 76.9
87 38.8 30.6 46.0
59 13.8 9.6 14.4

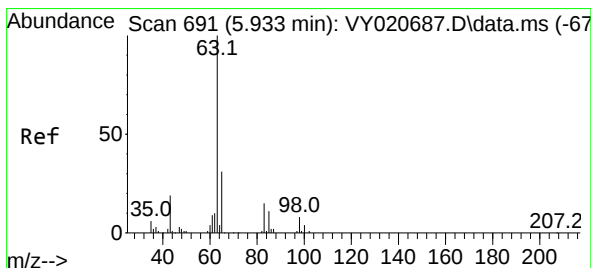
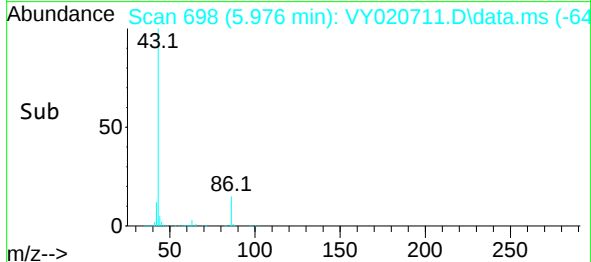
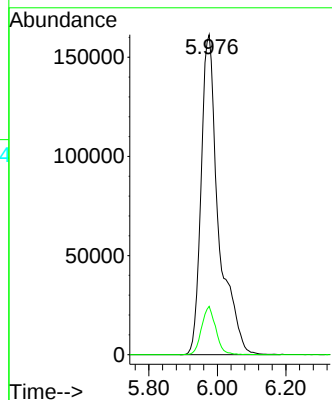
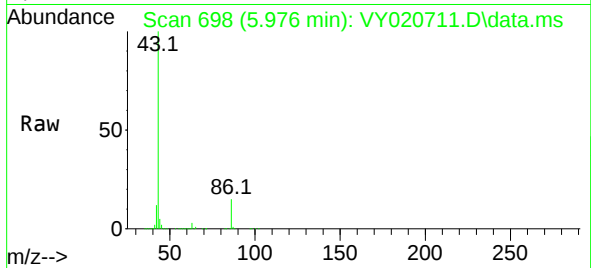




#23
 Vinyl Acetate
 Concen: 506.073 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY020711.D
 Acq: 26 Dec 2024 11:51

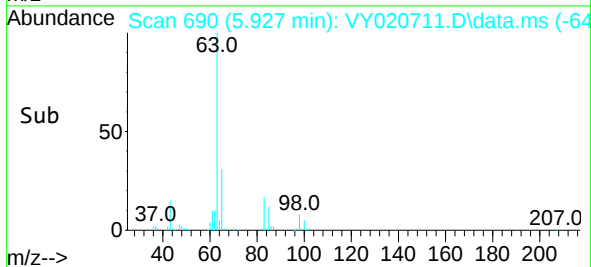
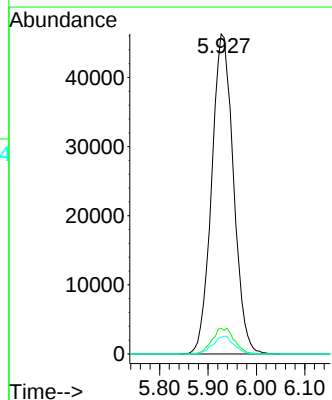
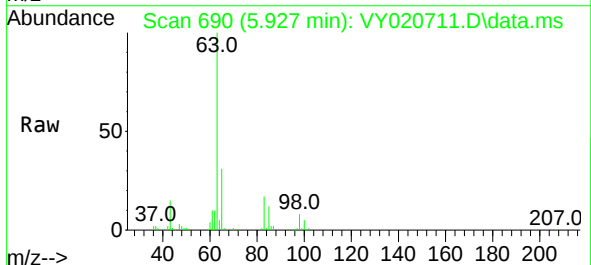
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

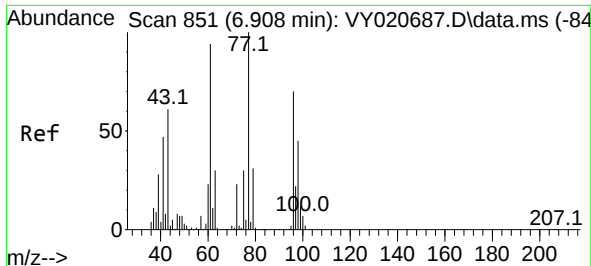
Tgt Ion: 43 Resp: 574176
 Ion Ratio Lower Upper
 43 100
 86 15.1 12.0 18.0



#24
 1,1-Dichloroethane
 Concen: 101.659 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY020711.D
 Acq: 26 Dec 2024 11:51

Tgt Ion: 63 Resp: 144777
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.0
 100 5.2 2.1 6.2

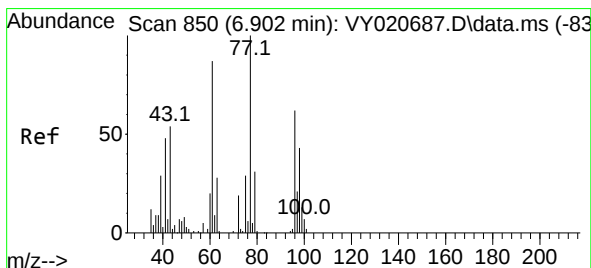
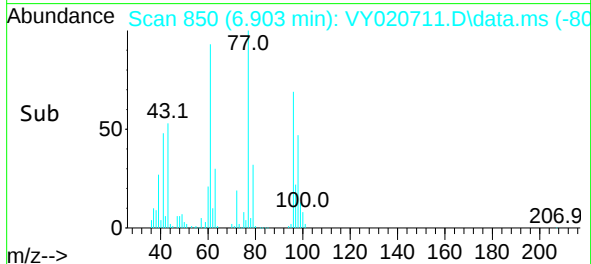
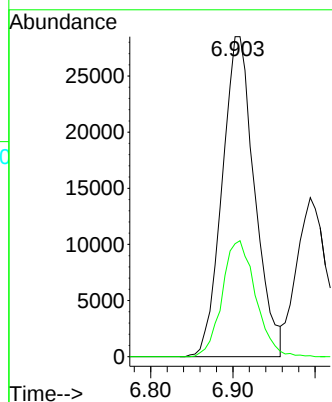
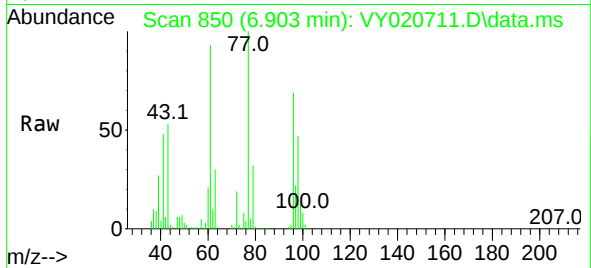




#25
2-Butanone
Concen: 477.386 ug/l
RT: 6.903 min Scan# 81
Delta R.T. -0.005 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

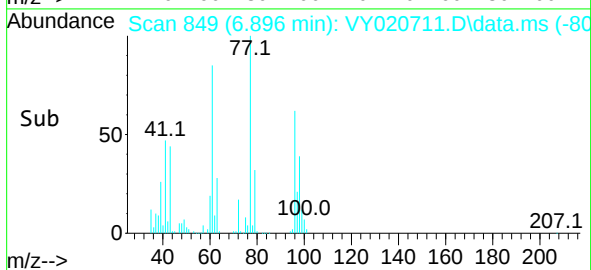
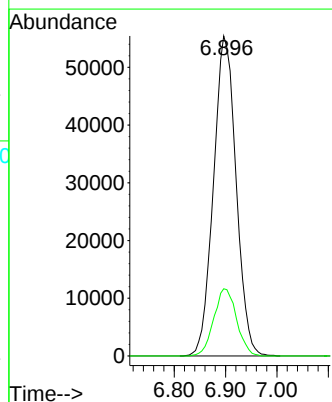
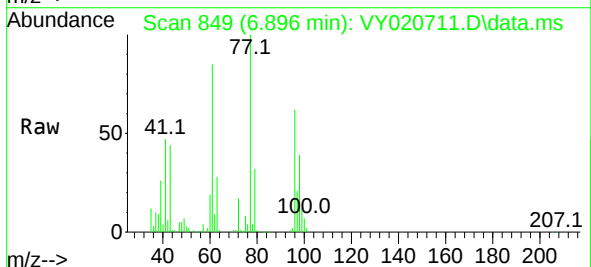
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

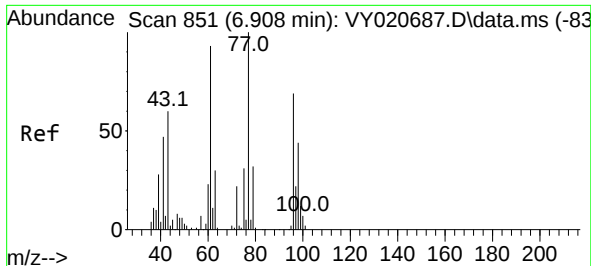
Tgt Ion: 43 Resp: 78288
Ion Ratio Lower Upper
43 100
72 35.3 29.5 44.3



#26
2,2-Dichloropropane
Concen: 97.206 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 77 Resp: 169441
Ion Ratio Lower Upper
77 100
97 21.2 10.8 32.4

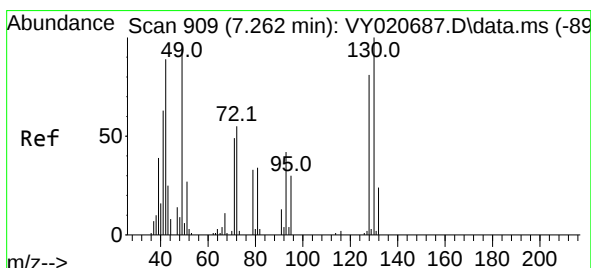
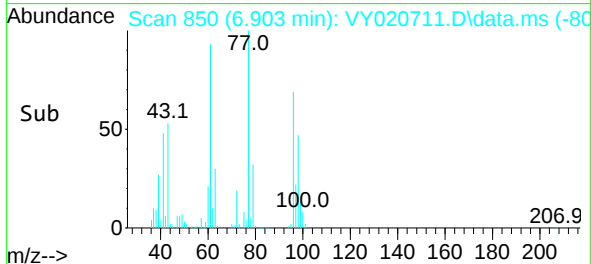
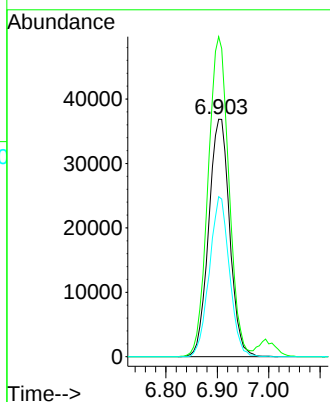
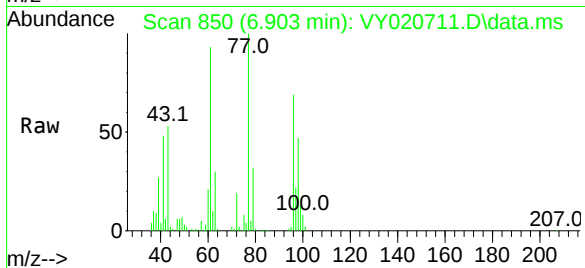




#27
cis-1,2-Dichloroethene
Concen: 101.307 ug/l
RT: 6.903 min Scan# 851
Delta R.T. -0.005 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

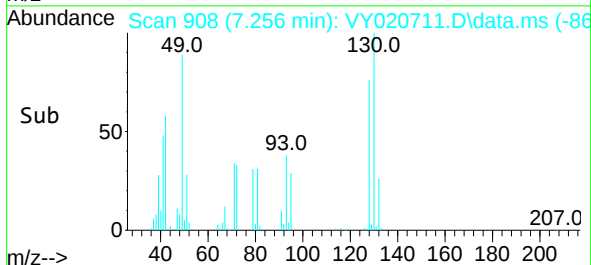
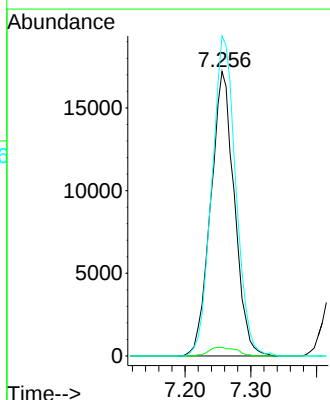
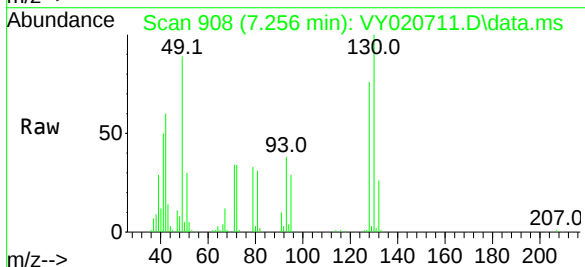
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

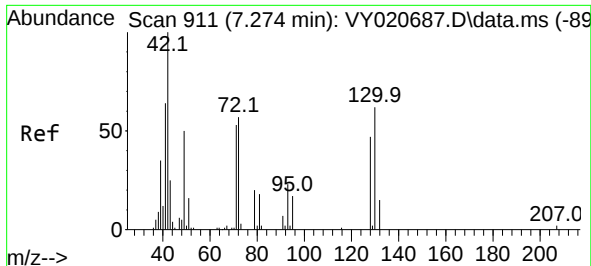
Tgt Ion: 96 Resp: 104390
Ion Ratio Lower Upper
96 100
61 134.1 0.0 277.2
98 64.7 0.0 131.0



#28
Bromochloromethane
Concen: 114.037 ug/l
RT: 7.256 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 49 Resp: 42948
Ion Ratio Lower Upper
49 100
129 3.6 0.0 5.4
130 113.9 87.2 130.8

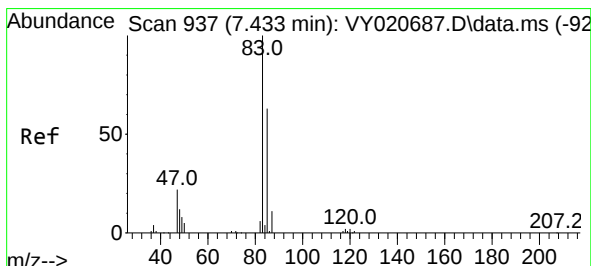
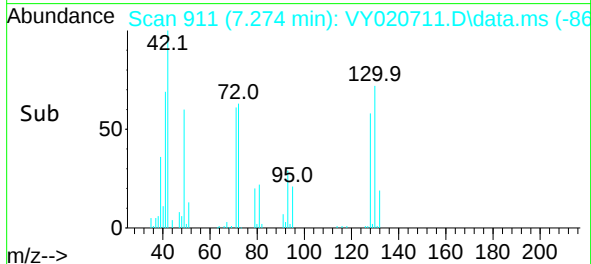
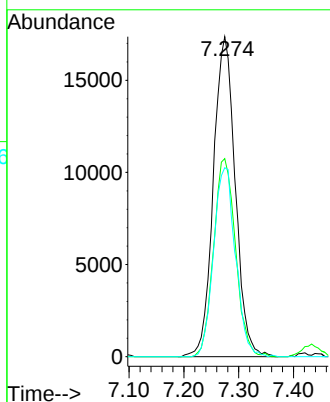
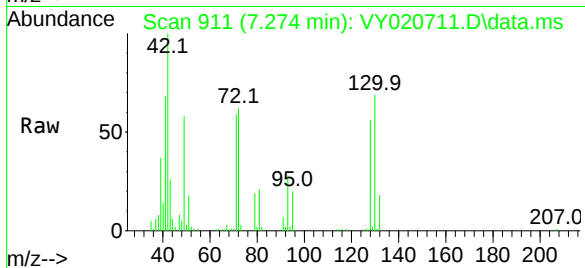




#29
Tetrahydrofuran
Concen: 478.582 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

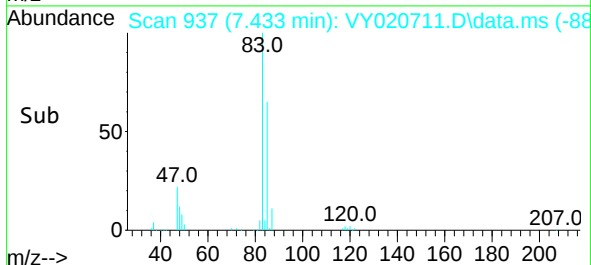
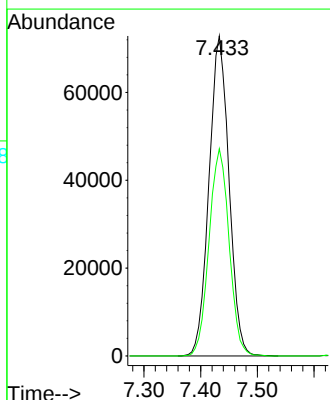
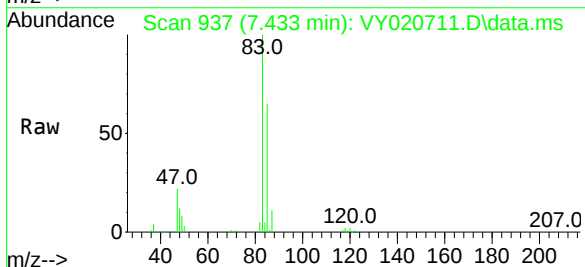
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

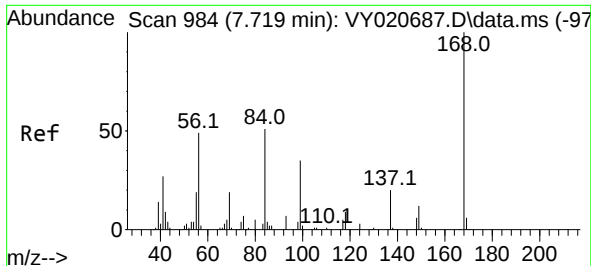
Tgt Ion: 42 Resp: 48175
Ion Ratio Lower Upper
42 100
72 62.0 47.4 71.0
71 59.3 42.8 64.2



#30
Chloroform
Concen: 97.216 ug/l
RT: 7.433 min Scan# 937
Delta R.T. -0.000 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 83 Resp: 178101
Ion Ratio Lower Upper
83 100
85 64.8 50.2 75.2

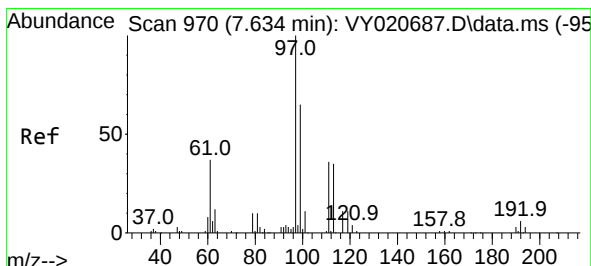
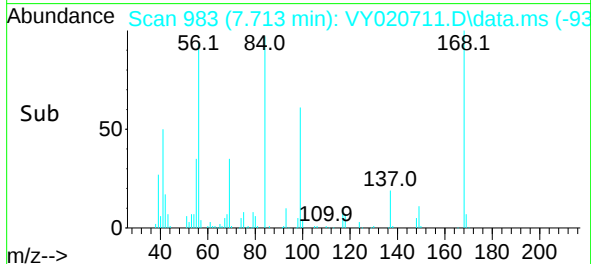
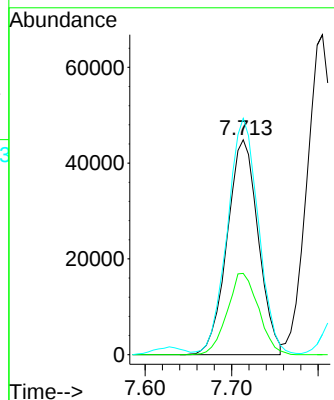
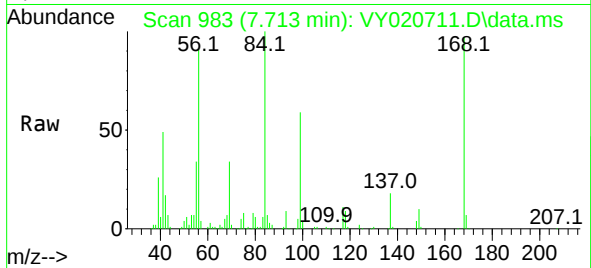




#31
Cyclohexane
Concen: 91.072 ug/l
RT: 7.713 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

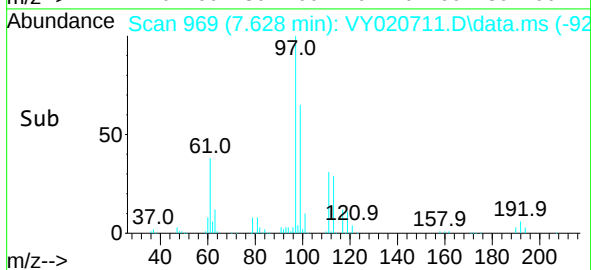
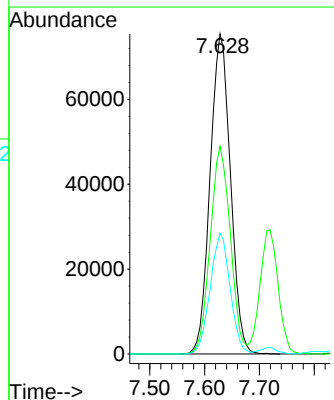
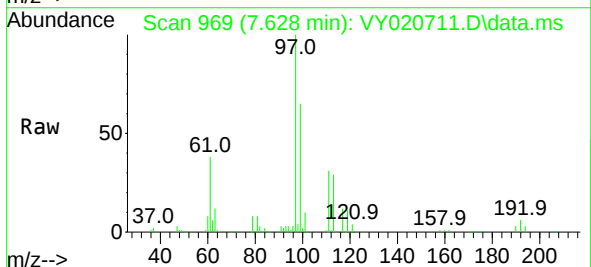
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

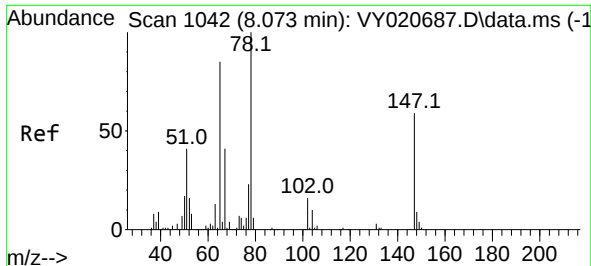
Tgt Ion: 56 Resp: 111954
Ion Ratio Lower Upper
56 100
69 37.8 31.3 46.9
84 107.4 83.9 125.9



#32
1,1,1-Trichloroethane
Concen: 98.873 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 97 Resp: 194164
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 37.0 30.0 45.0

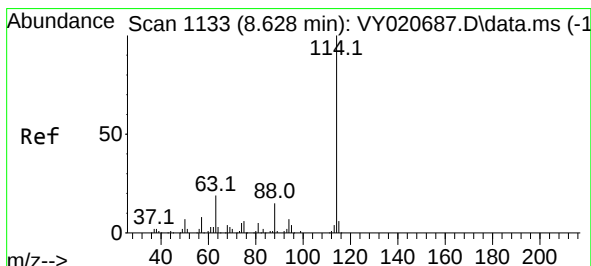
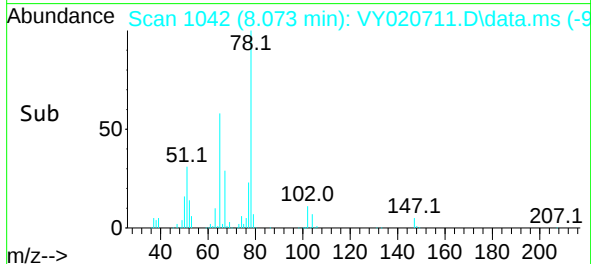
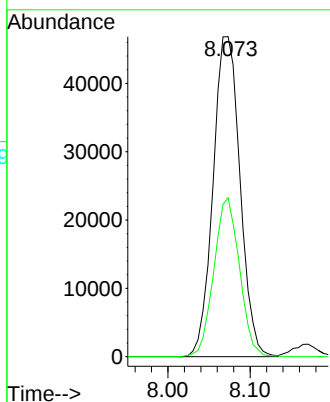
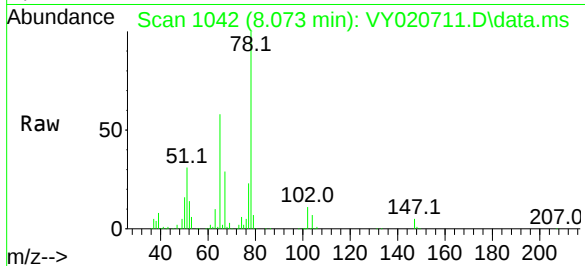




#33
1,2-Dichloroethane-d4
Concen: 111.689 ug/l
RT: 8.073 min Scan# 110
Delta R.T. 0.000 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

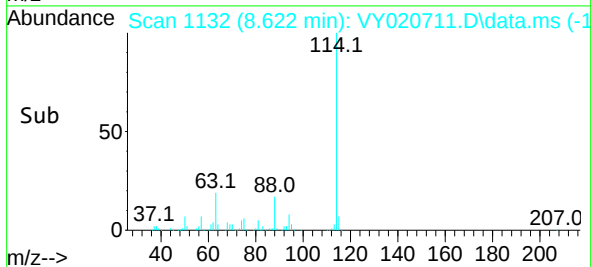
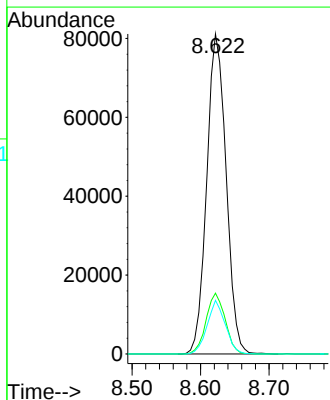
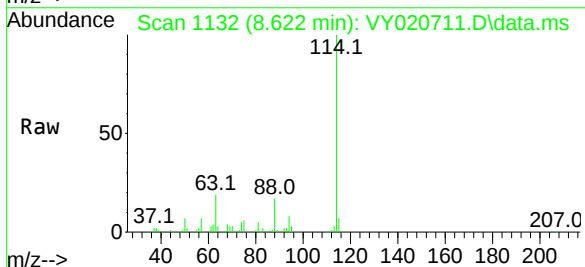
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

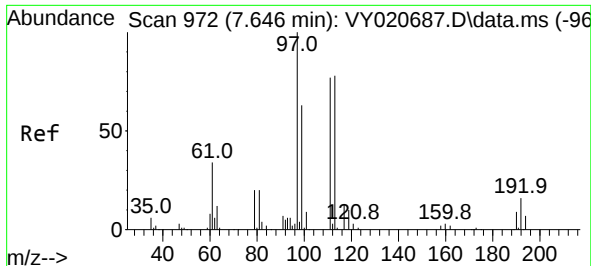
Tgt Ion: 65 Resp: 106883
Ion Ratio Lower Upper
65 100
67 47.1 0.0 98.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 114 Resp: 159804
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.4
88 16.7 0.0 30.4

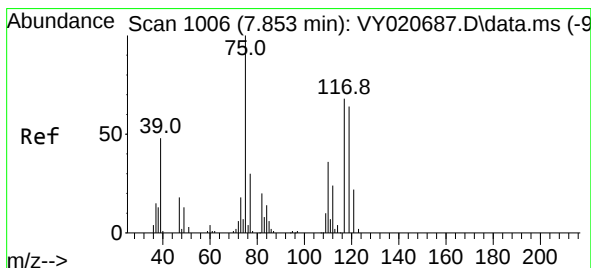
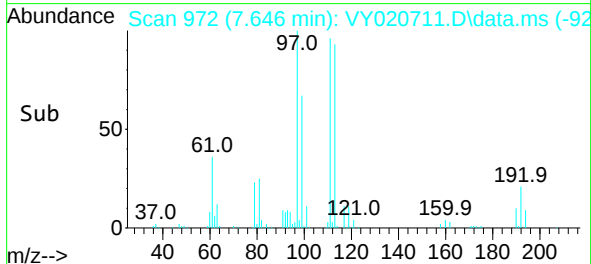
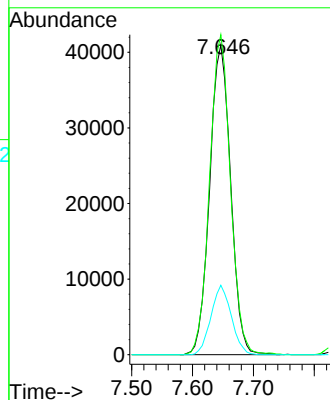
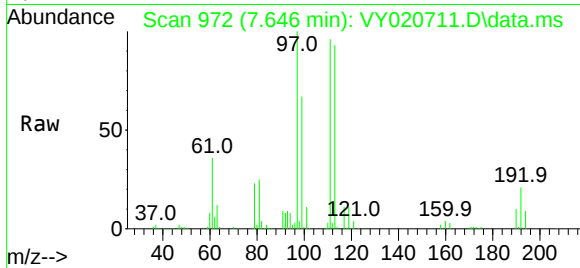




#35
Dibromofluoromethane
Concen: 111.484 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

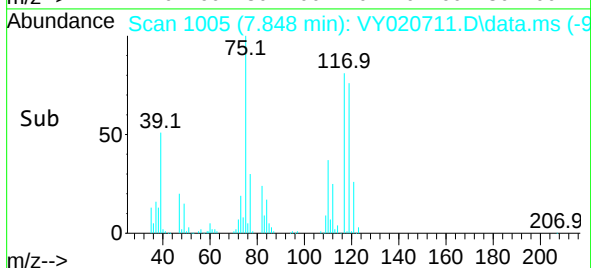
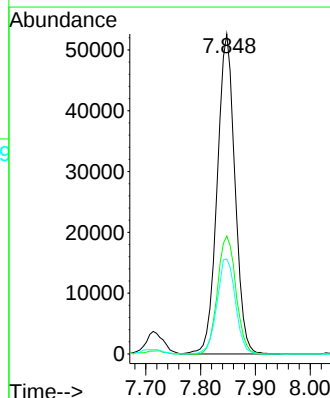
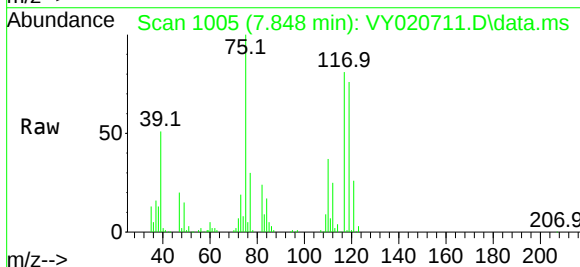
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

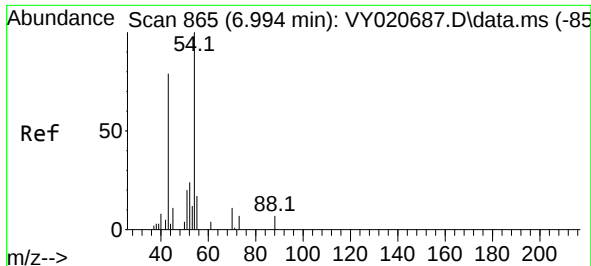
Tgt Ion:113 Resp: 98131
Ion Ratio Lower Upper
113 100
111 102.4 79.8 119.8
192 21.8 17.0 25.6



#36
1,1-Dichloropropene
Concen: 101.669 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. -0.005 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 75 Resp: 118213
Ion Ratio Lower Upper
75 100
110 38.3 19.6 58.7
77 31.0 25.1 37.7





#37

Ethyl Acetate

Concen: 97.751 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

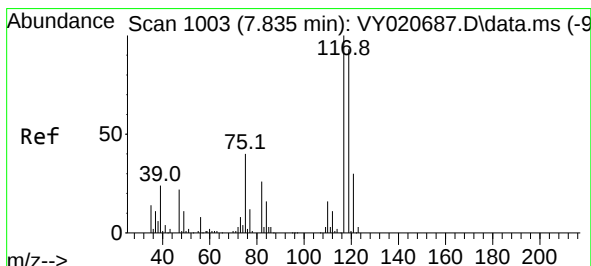
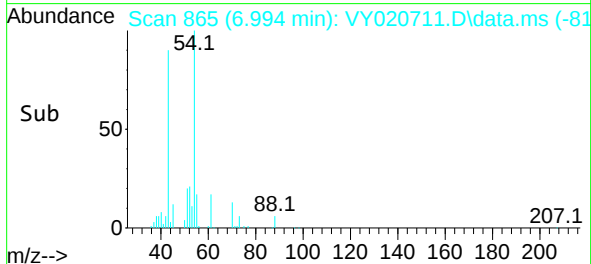
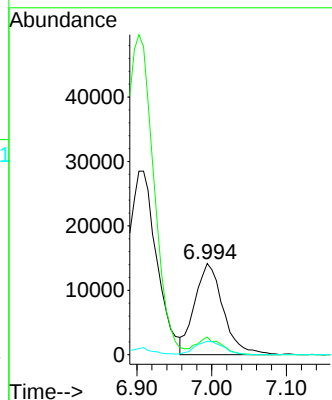
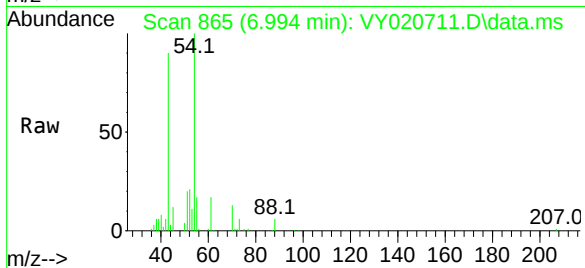
Tgt Ion: 43 Resp: 37453

Ion Ratio Lower Upper

43 100

61 16.1 11.7 17.5

70 14.6 11.0 16.4



#38

Carbon Tetrachloride

Concen: 101.190 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

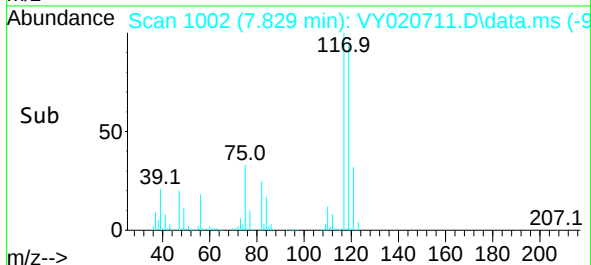
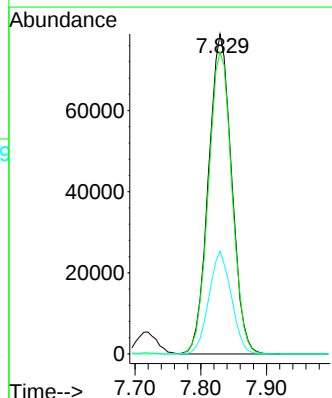
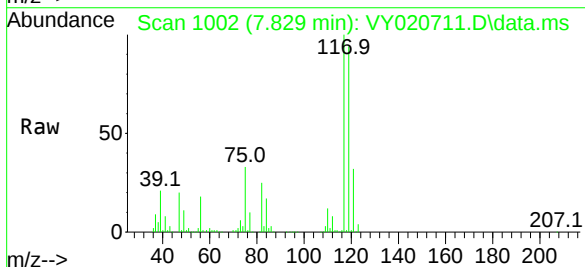
Tgt Ion: 117 Resp: 193743

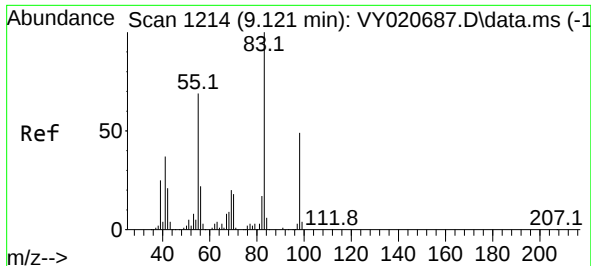
Ion Ratio Lower Upper

117 100

119 94.3 74.4 111.6

121 32.1 24.2 36.2





#39

Methylcyclohexane

Concen: 101.582 ug/l

RT: 9.116 min Scan# 11

Delta R.T. -0.005 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

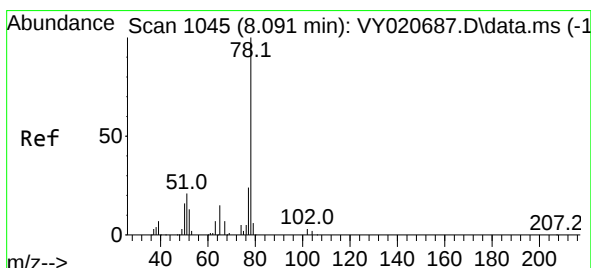
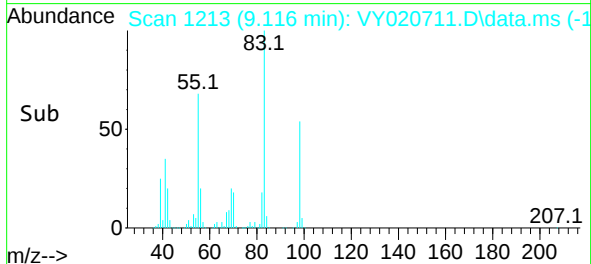
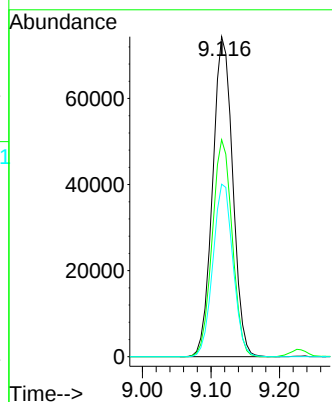
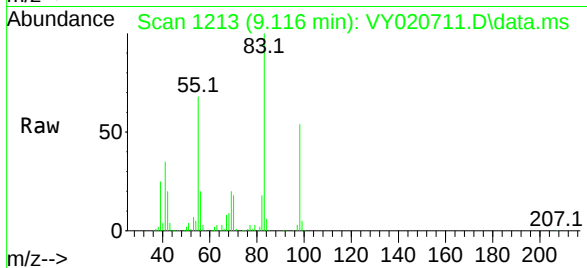
Tgt Ion: 83 Resp: 151388

Ion Ratio Lower Upper

83 100

55 67.8 55.0 82.4

98 53.9 39.0 58.6



#40

Benzene

Concen: 102.763 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY020711.D

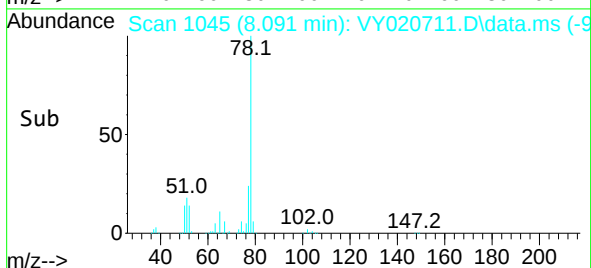
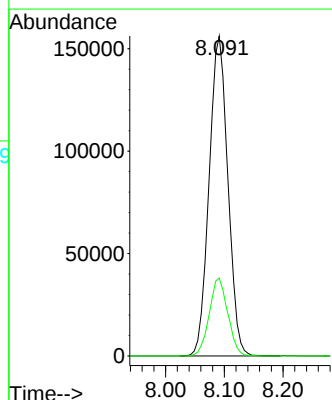
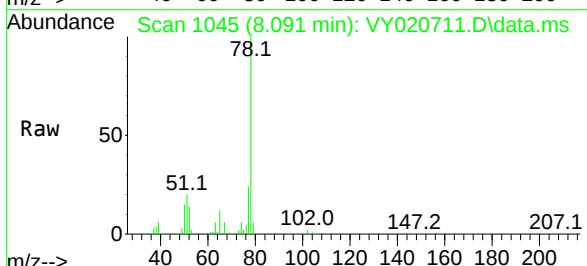
Acq: 26 Dec 2024 11:51

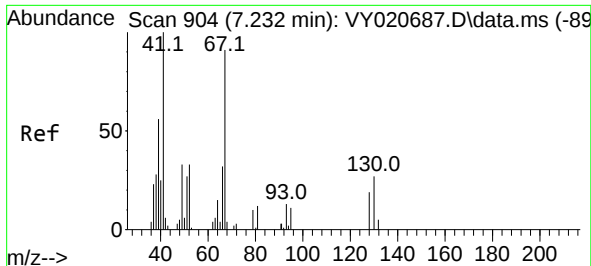
Tgt Ion: 78 Resp: 346286

Ion Ratio Lower Upper

78 100

77 24.3 19.2 28.8



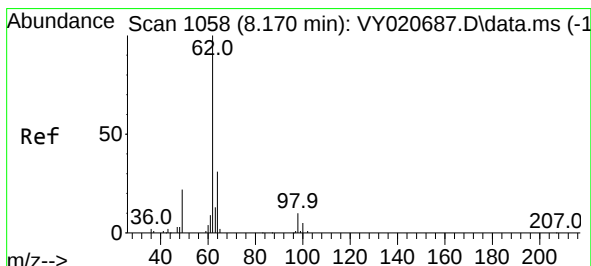
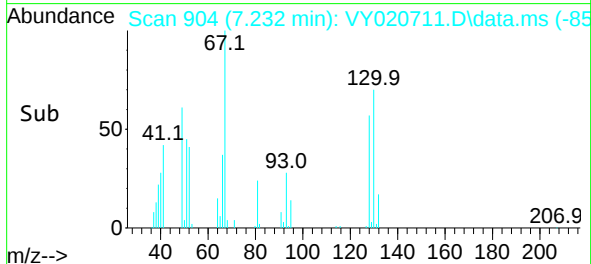
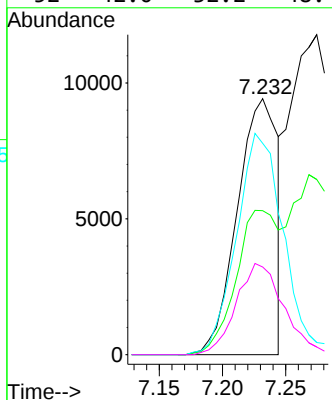
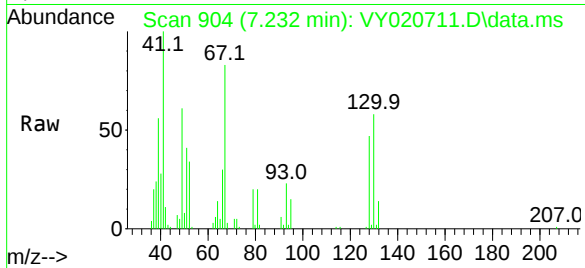


#41
Methacrylonitrile
Concen: 107.636 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 20832

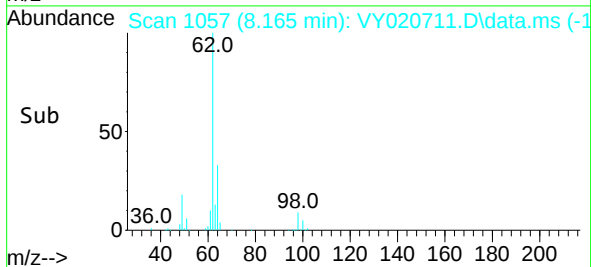
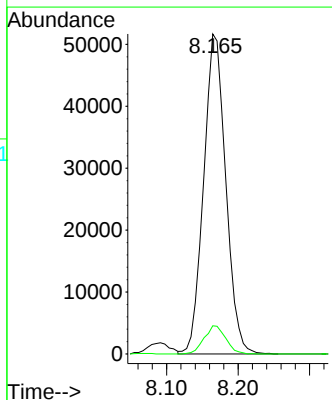
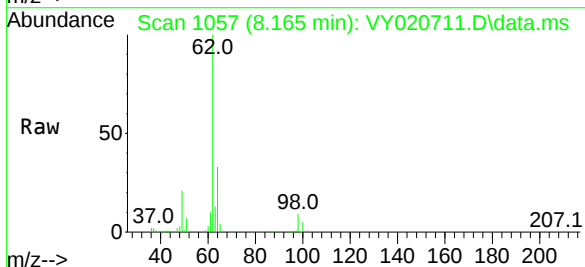
Ion	Ratio	Lower	Upper
41	100		
39	58.3	46.6	70.0
67	101.0	74.7	112.1
52	42.0	32.2	48.4

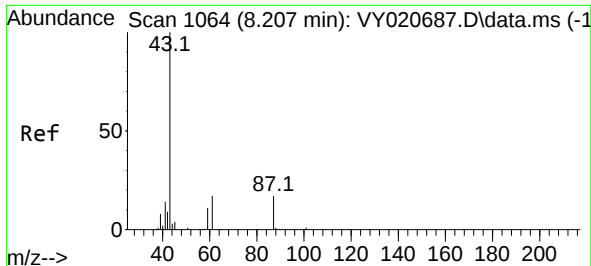


#42
1,2-Dichloroethane
Concen: 102.849 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 62 Resp: 111130

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6

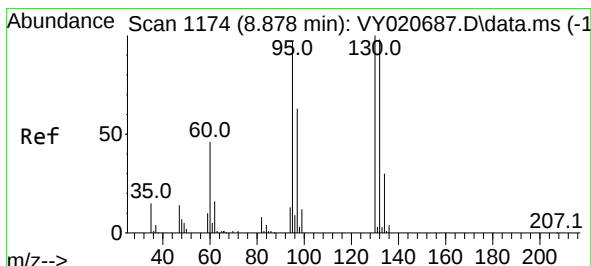
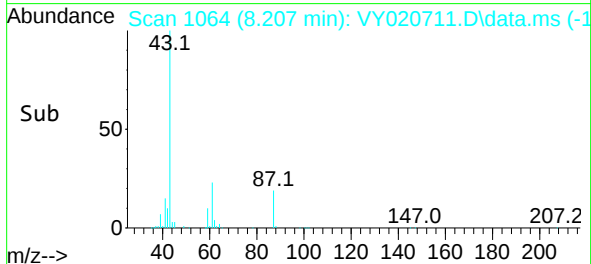
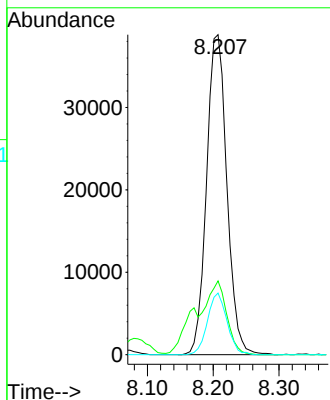
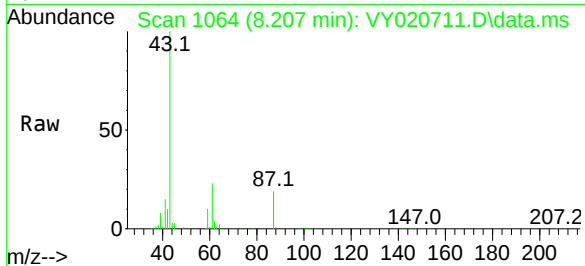




#43
Isopropyl Acetate
Concen: 102.557 ug/l
RT: 8.207 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

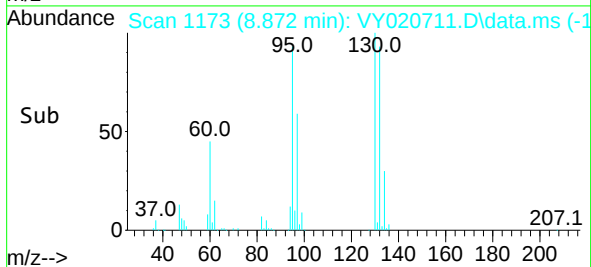
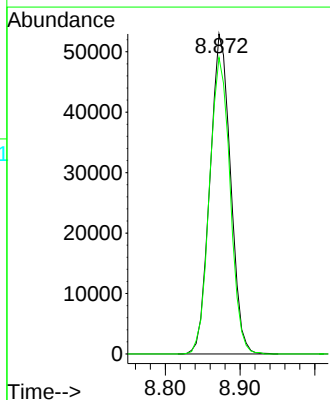
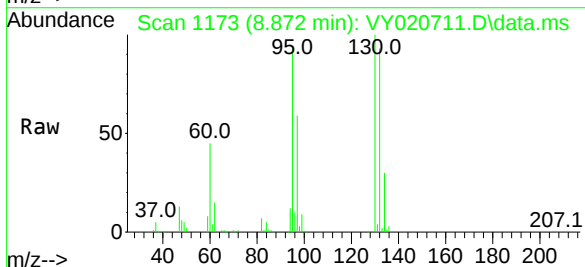
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

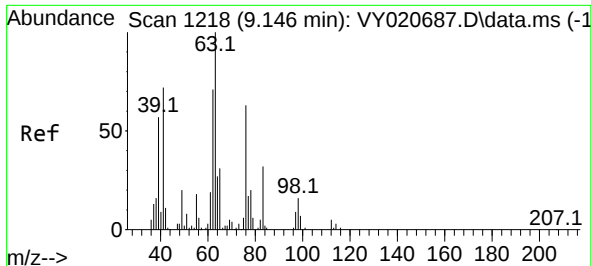
Tgt Ion: 43 Resp: 83521
Ion Ratio Lower Upper
43 100
61 21.7 27.0 40.4#
87 18.5 14.2 21.4



#44
Trichloroethene
Concen: 100.585 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion:130 Resp: 101237
Ion Ratio Lower Upper
130 100
95 92.7 0.0 194.8





#45

1,2-Dichloropropane

Concen: 98.968 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

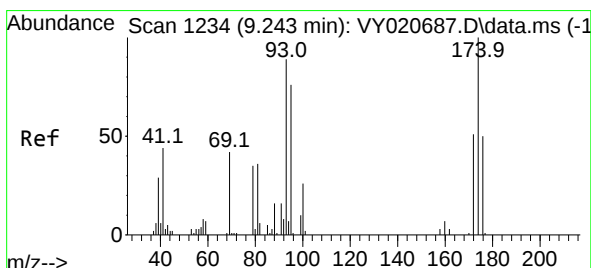
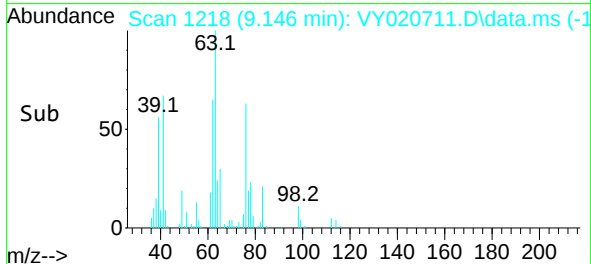
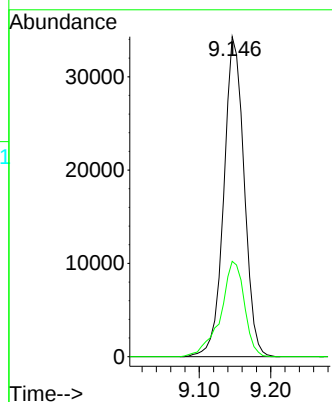
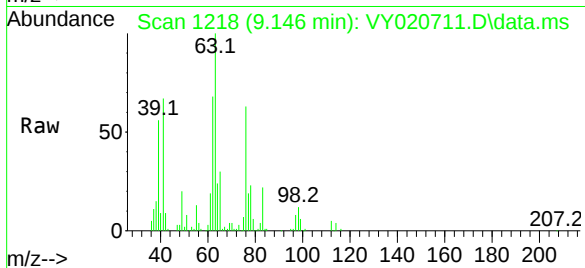
VSTDIC100

Tgt Ion: 63 Resp: 67508

Ion Ratio Lower Upper

63 100

65 29.8 24.6 36.8



#46

Dibromomethane

Concen: 99.962 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. -0.005 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

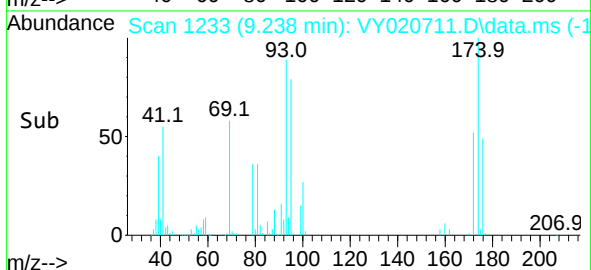
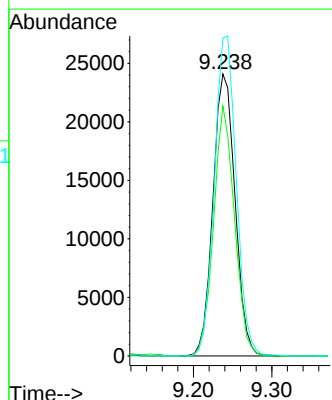
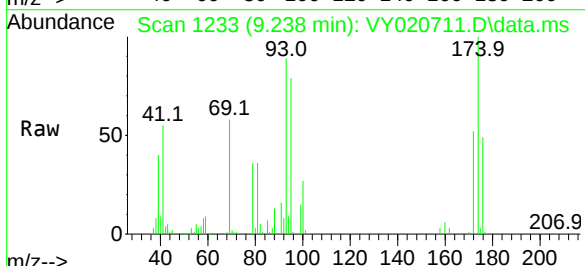
Tgt Ion: 93 Resp: 47179

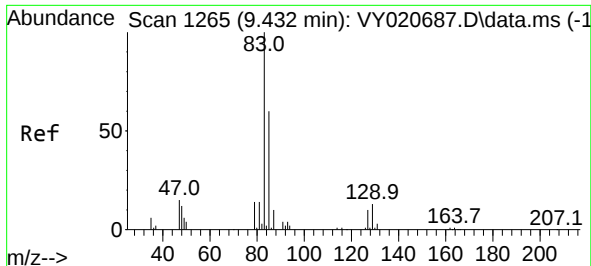
Ion Ratio Lower Upper

93 100

95 83.8 67.8 101.8

174 112.7 89.4 134.0

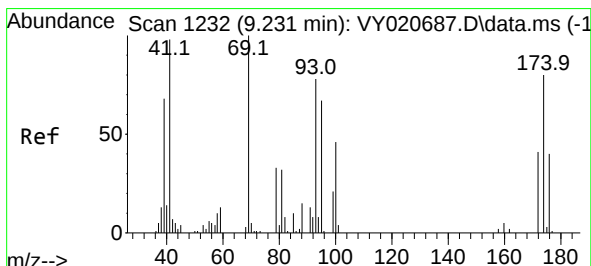
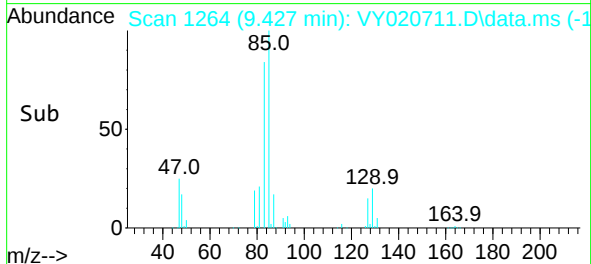
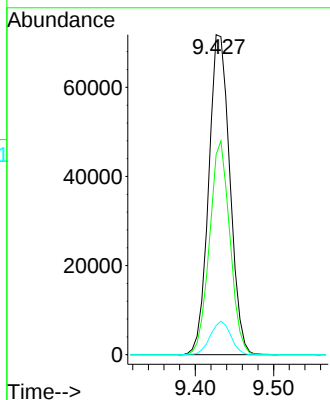
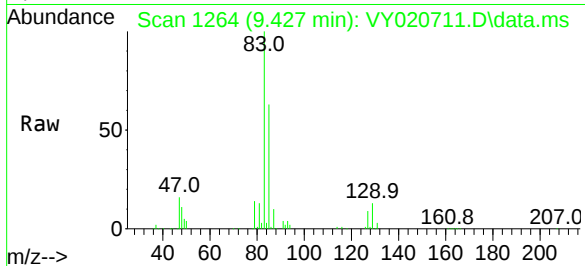




#47
Bromodichloromethane
Concen: 100.613 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

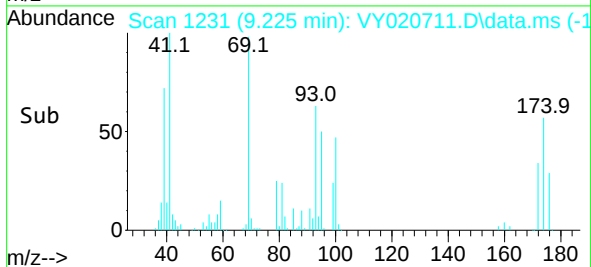
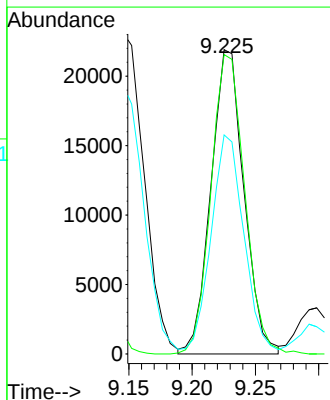
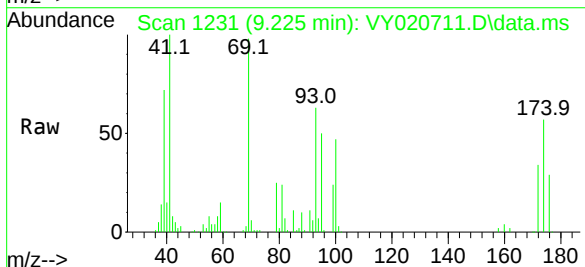
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

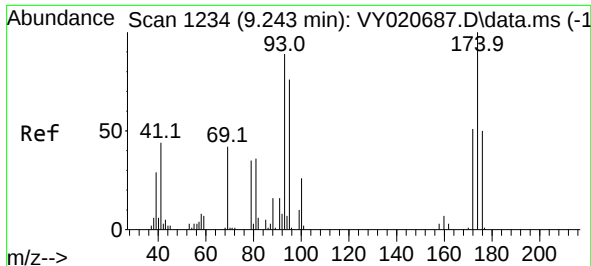
Tgt Ion: 83 Resp: 134627
Ion Ratio Lower Upper
83 100
85 62.5 47.6 71.4
127 9.1 7.9 11.9



#48
Methyl methacrylate
Concen: 104.314 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 41 Resp: 39672
Ion Ratio Lower Upper
41 100
69 100.4 83.1 124.7
39 69.2 57.3 85.9





#49

1,4-Dioxane

Concen: 2030.846 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

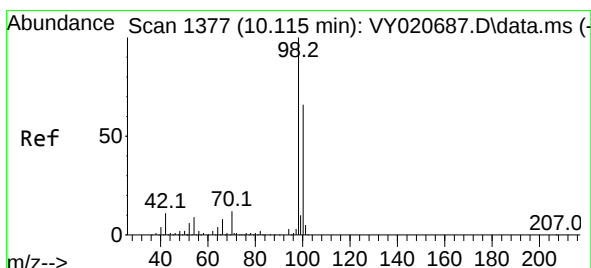
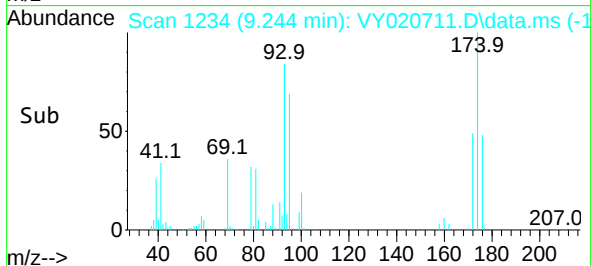
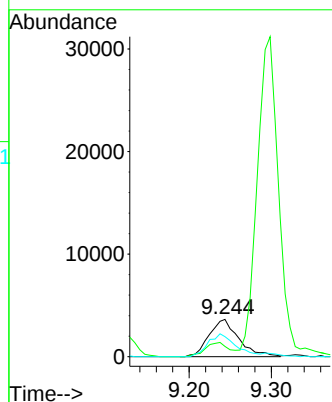
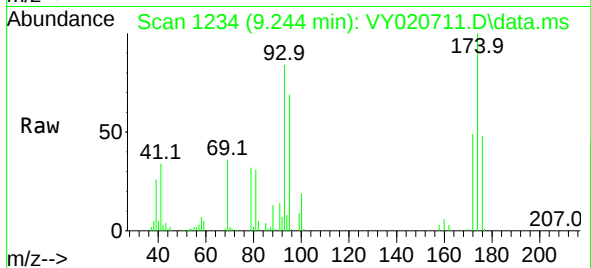
Tgt Ion: 88 Resp: 9130

Ion Ratio Lower Upper

88 100

43 30.6 22.1 33.1

58 57.0 46.7 70.1



#50

Toluene-d8

Concen: 103.831 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020711.D

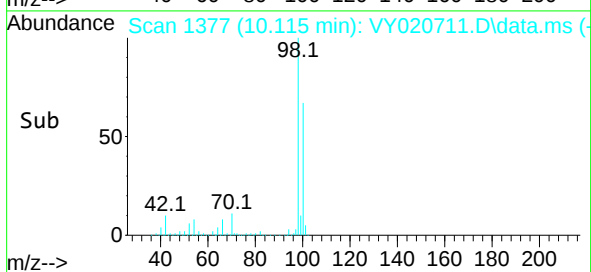
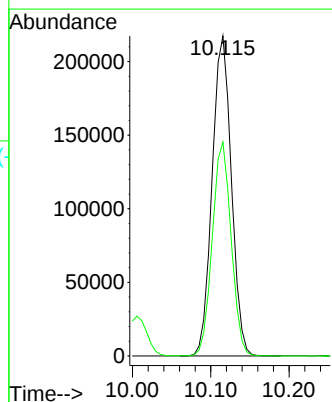
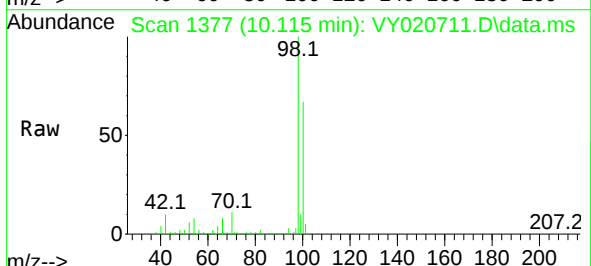
Acq: 26 Dec 2024 11:51

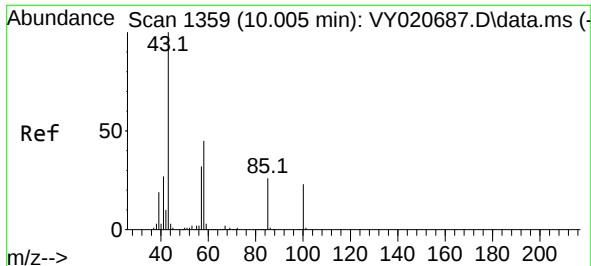
Tgt Ion: 98 Resp: 370174

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.4

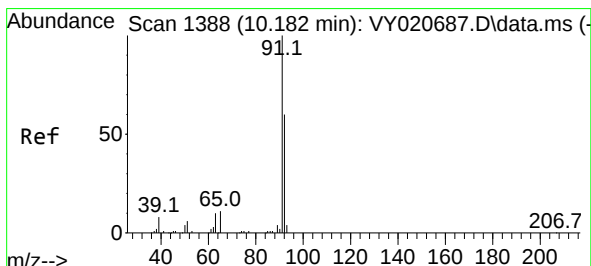
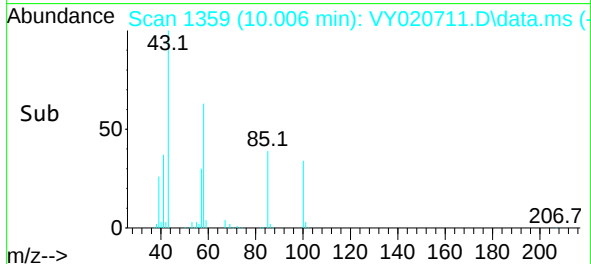
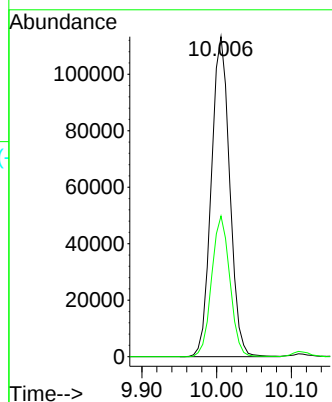
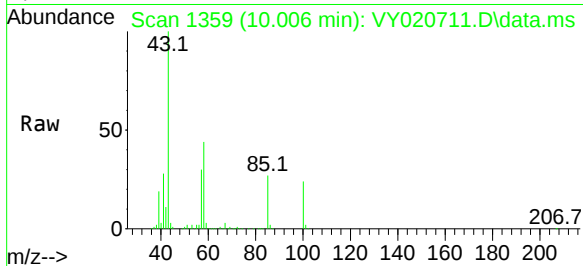




#51
4-Methyl-2-Pentanone
Concen: 493.895 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.001 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

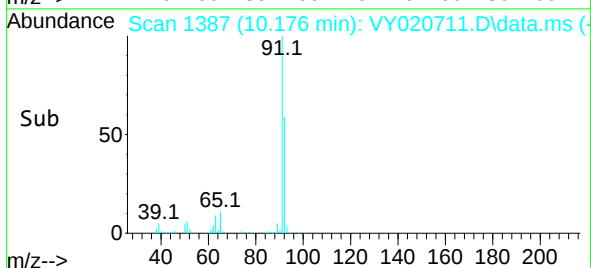
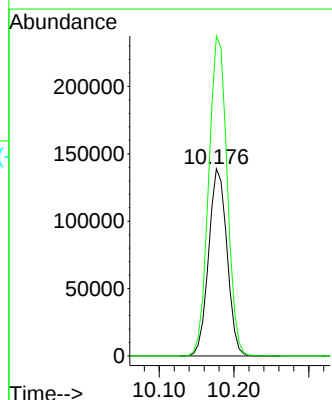
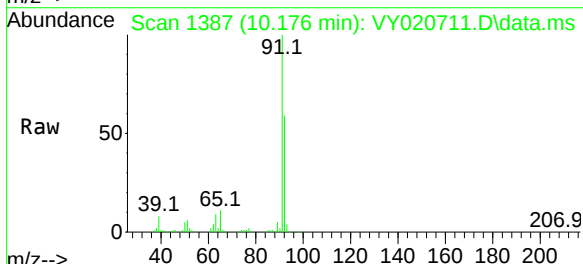
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

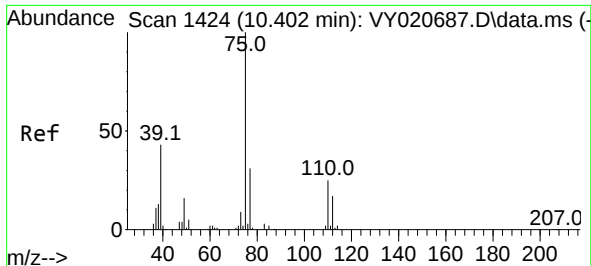
Tgt Ion: 43 Resp: 194141
Ion Ratio Lower Upper
43 100
58 43.5 35.1 52.7



#52
Toluene
Concen: 102.558 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 92 Resp: 236867
Ion Ratio Lower Upper
92 100
91 172.3 137.7 206.5





#53

t-1,3-Dichloropropene

Concen: 105.012 ug/l

RT: 10.402 min Scan# 1424

Delta R.T. -0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

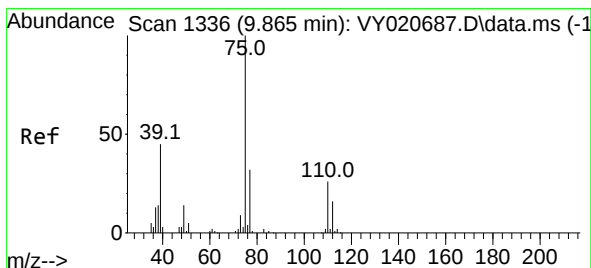
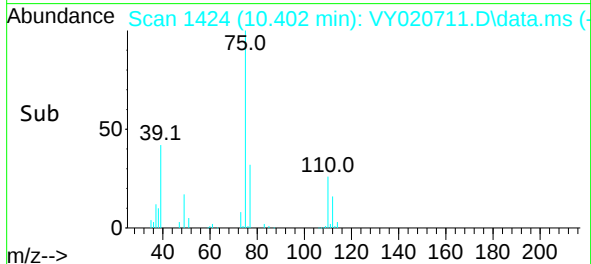
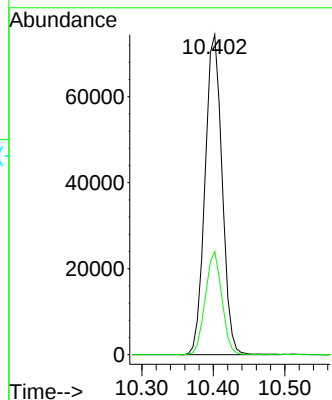
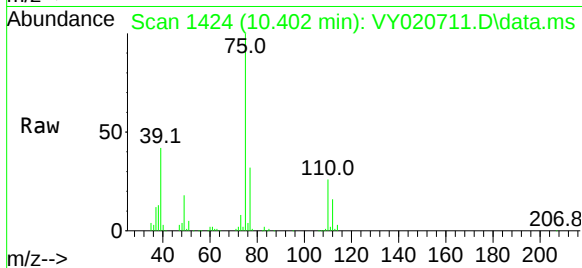
VSTDIC100

Tgt Ion: 75 Resp: 123413

Ion Ratio Lower Upper

75 100

77 32.2 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 102.590 ug/l

RT: 9.865 min Scan# 1336

Delta R.T. 0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

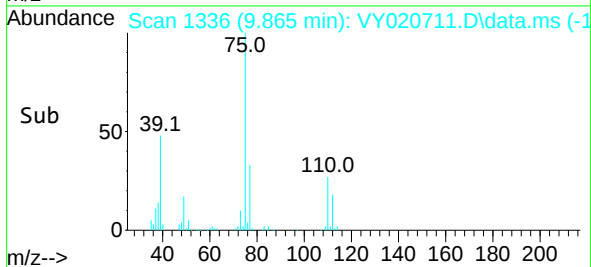
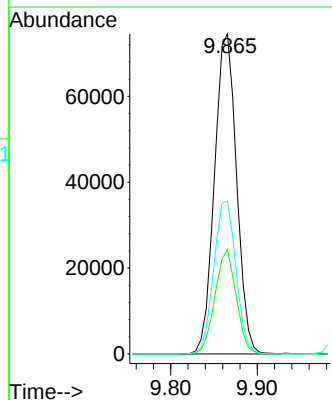
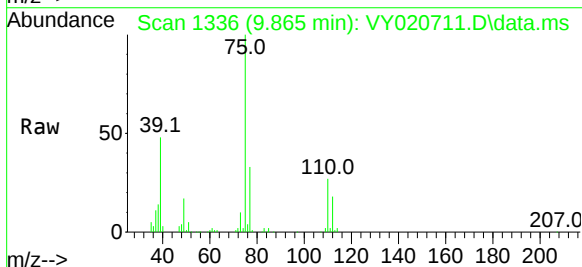
Tgt Ion: 75 Resp: 132154

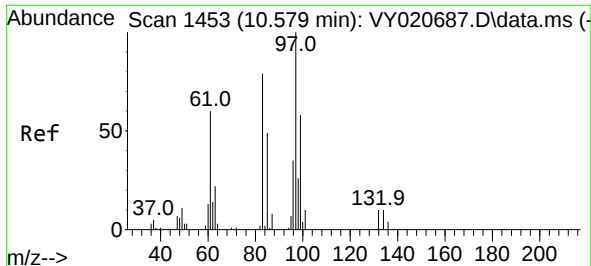
Ion Ratio Lower Upper

75 100

77 32.7 25.6 38.4

39 47.7 36.2 54.2

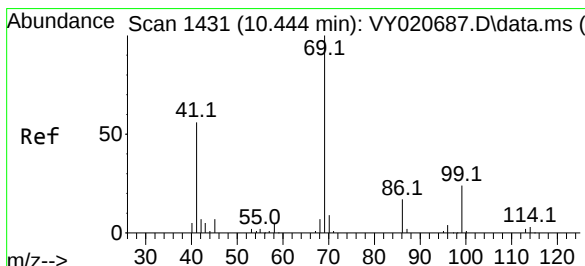
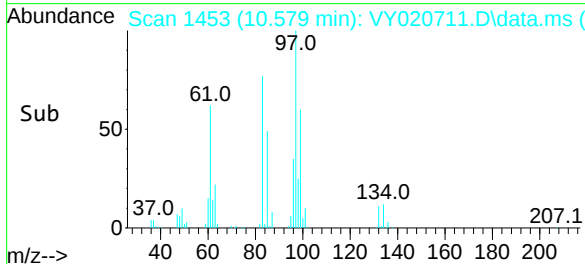
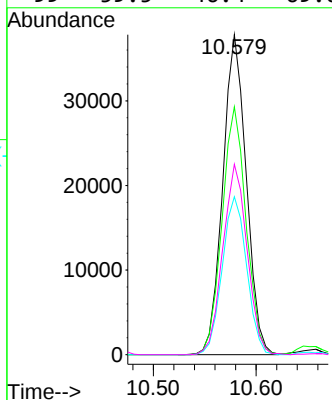
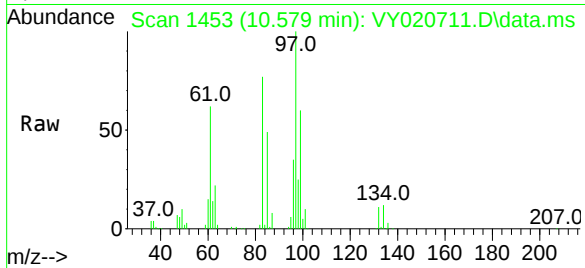




#55
1,1,2-Trichloroethane
Concen: 99.697 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

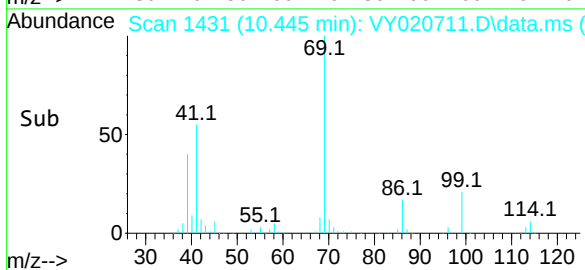
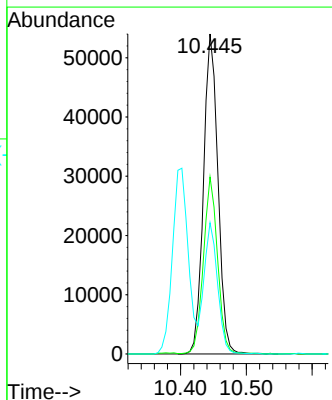
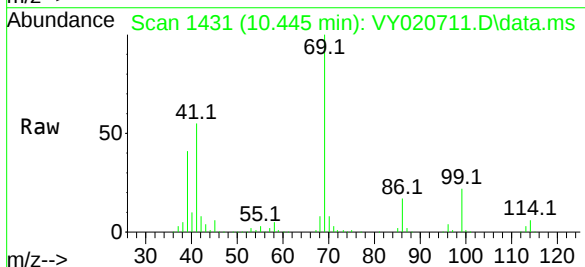
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

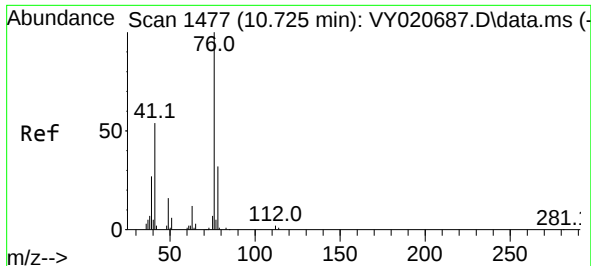
Tgt Ion: 97	Resp: 60063
Ion Ratio	Lower Upper
97 100	
83 77.5	63.1 94.7
85 49.4	39.5 59.3
99 59.5	46.4 69.6



#56
Ethyl methacrylate
Concen: 104.330 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 69	Resp: 82573
Ion Ratio	Lower Upper
69 100	
41 54.4	43.8 65.6
39 37.7	32.0 48.0





#57

1,3-Dichloropropane

Concen: 103.074 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

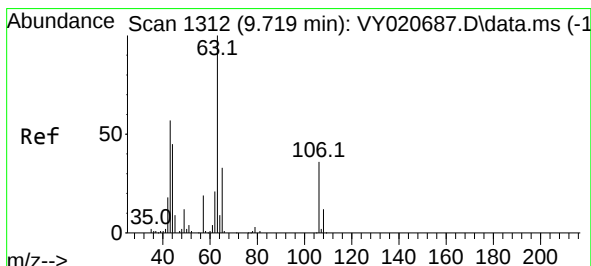
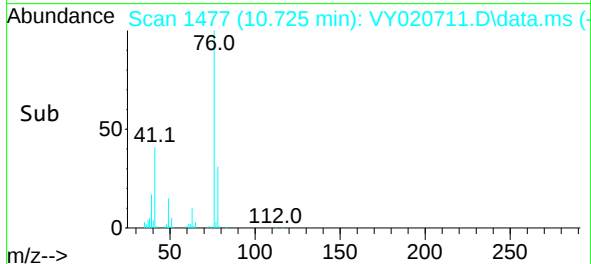
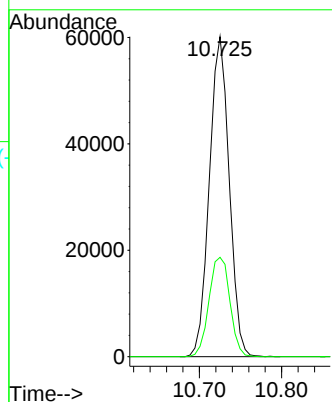
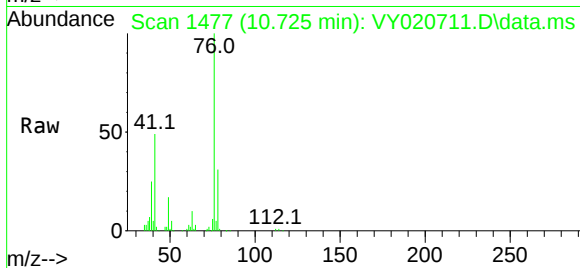
VSTDICC100

Tgt Ion: 76 Resp: 100785

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 547.868 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020711.D

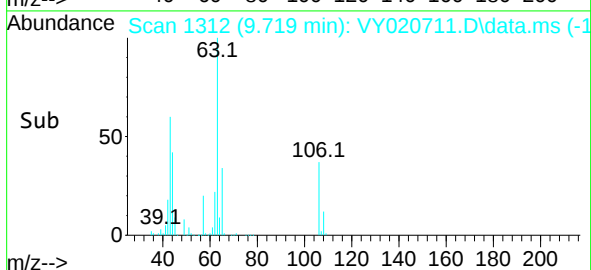
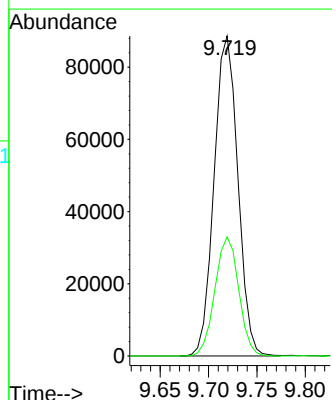
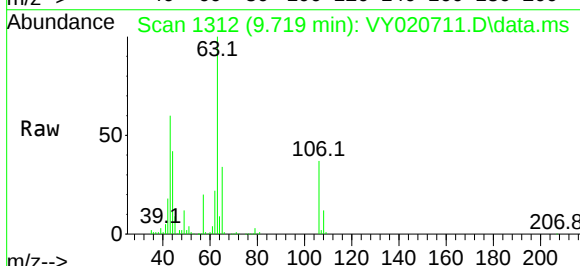
Acq: 26 Dec 2024 11:51

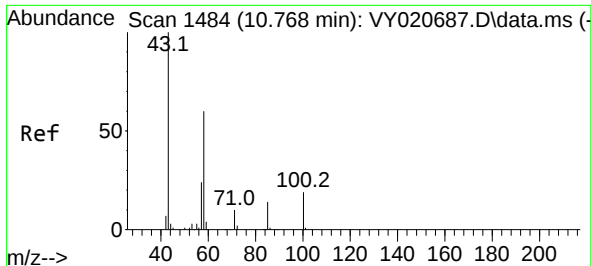
Tgt Ion: 63 Resp: 151207

Ion Ratio Lower Upper

63 100

106 37.2 29.1 43.7

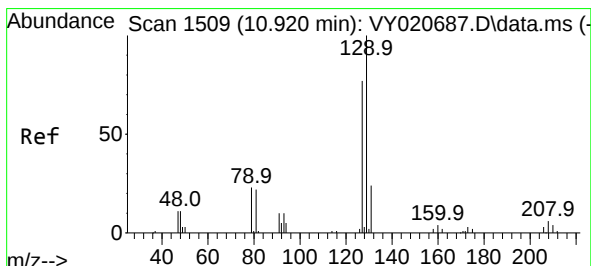
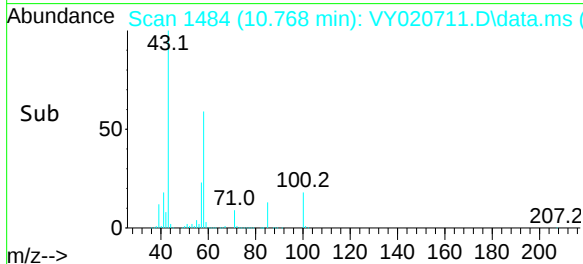
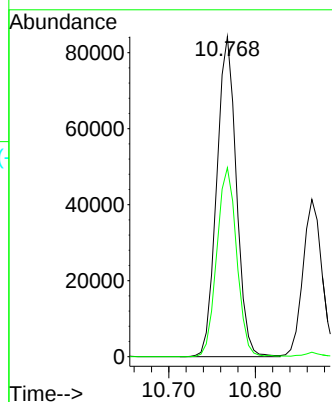
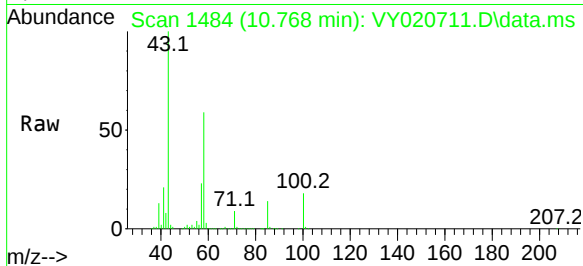




#59
2-Hexanone
Concen: 512.015 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

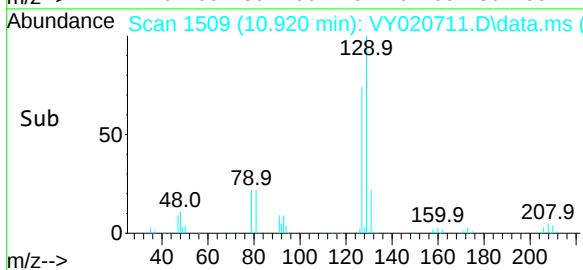
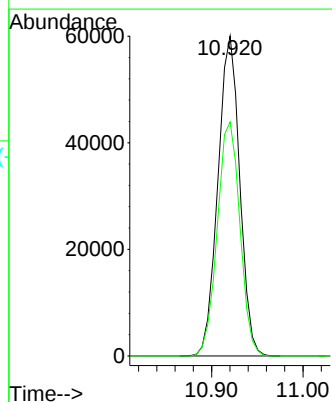
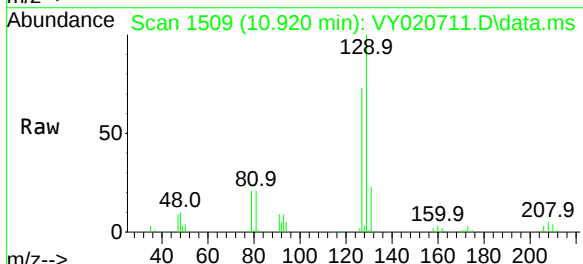
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

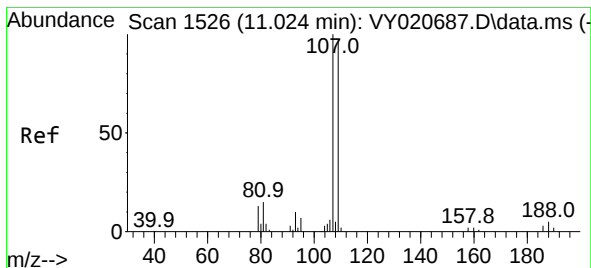
Tgt Ion: 43 Resp: 132885
Ion Ratio Lower Upper
43 100
58 59.7 30.1 90.5



#60
Dibromochloromethane
Concen: 102.326 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion:129 Resp: 99612
Ion Ratio Lower Upper
129 100
127 75.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 100.443 ug/l

RT: 11.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

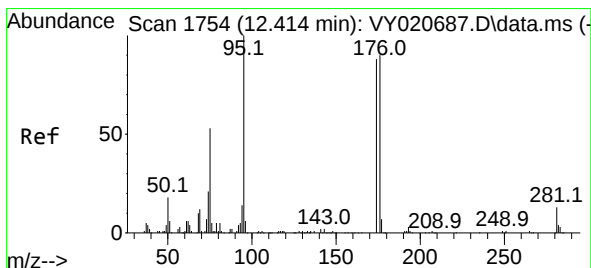
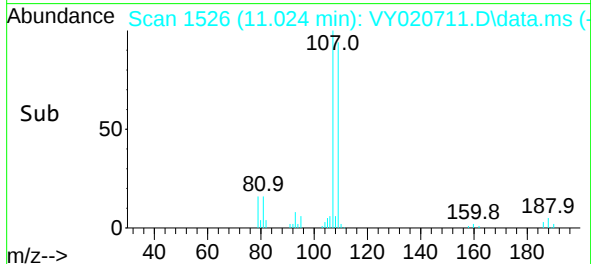
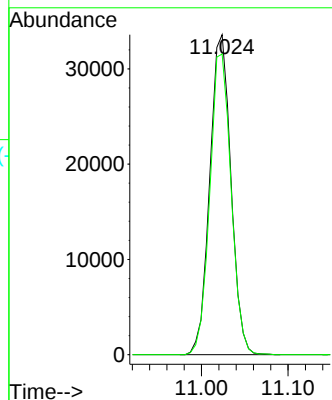
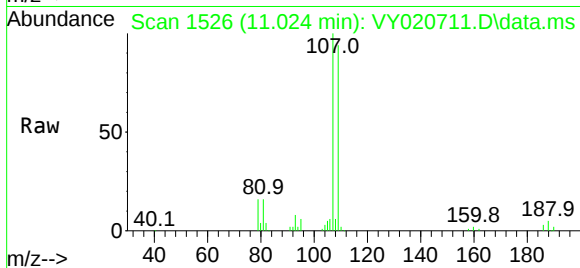
VSTDIC100

Tgt Ion:107 Resp: 56939

Ion Ratio Lower Upper

107 100

109 94.6 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 108.473 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

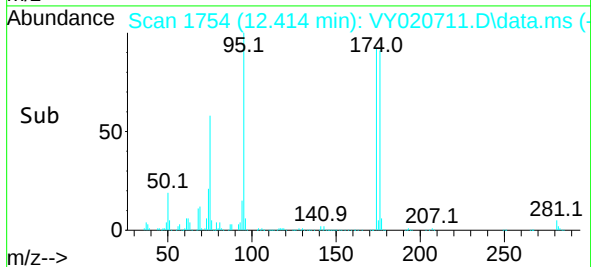
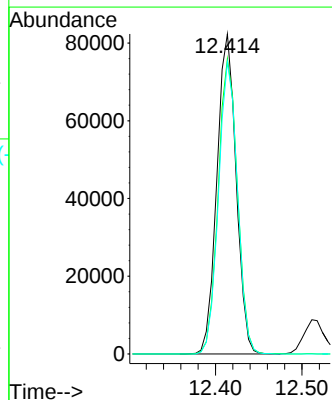
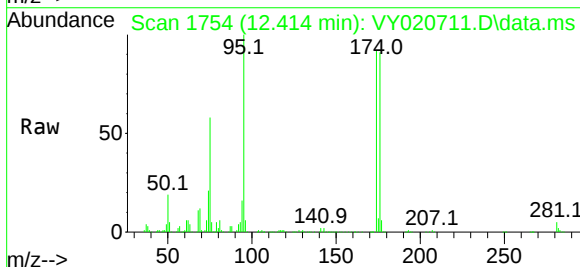
Tgt Ion: 95 Resp: 126890

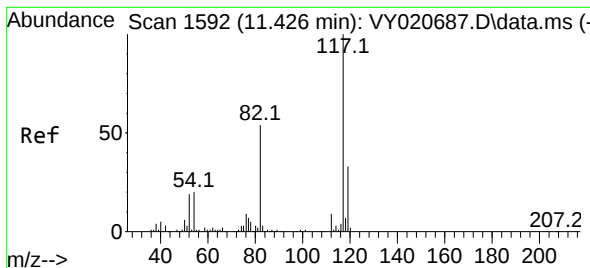
Ion Ratio Lower Upper

95 100

174 92.3 0.0 179.2

176 90.0 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

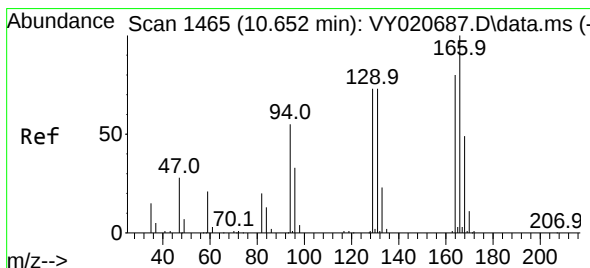
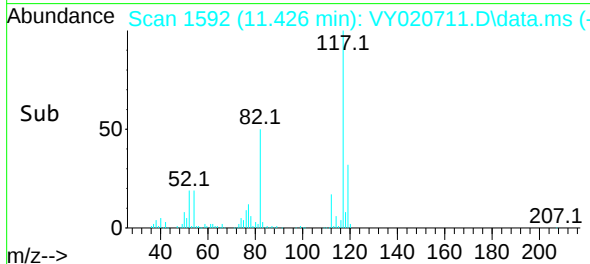
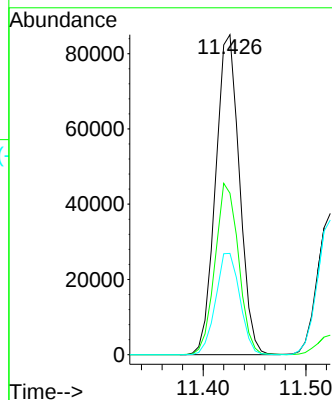
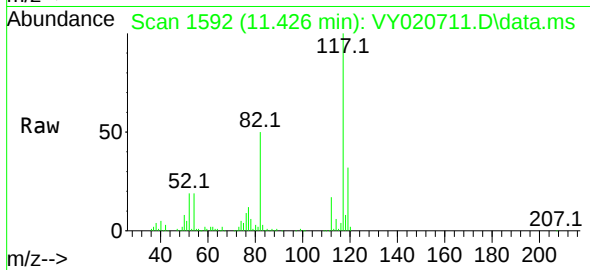
Tgt Ion:117 Resp: 137258

Ion Ratio Lower Upper

117 100

82 50.5 43.4 65.2

119 31.6 26.6 39.8



#64

Tetrachloroethene

Concen: 101.351 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Tgt Ion:164 Resp: 95043

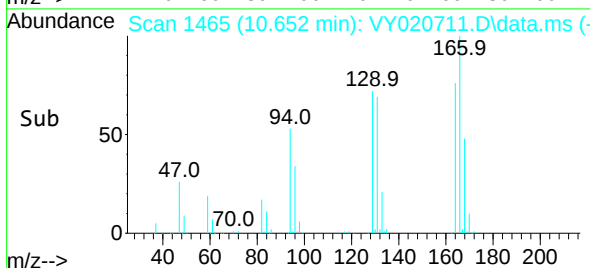
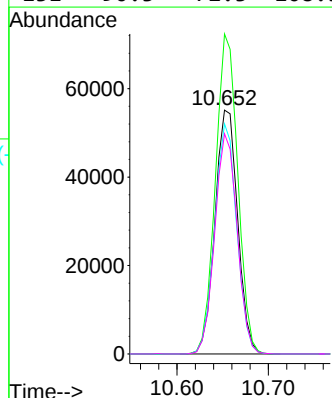
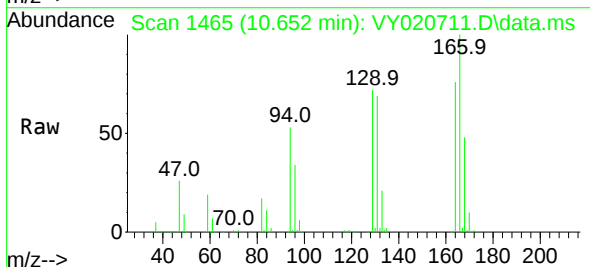
Ion Ratio Lower Upper

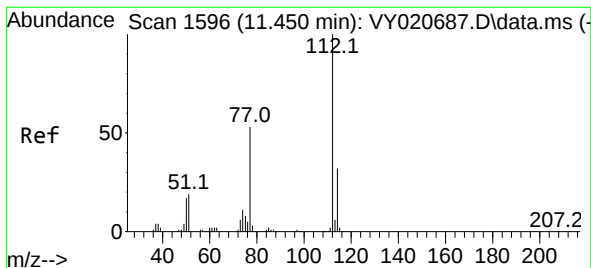
164 100

166 131.2 99.6 149.4

129 94.4 73.0 109.4

131 90.3 72.3 108.5





#65

Chlorobenzene

Concen: 100.641 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

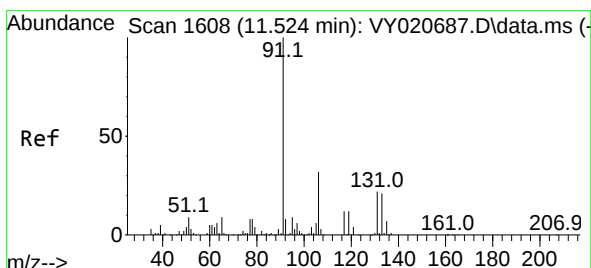
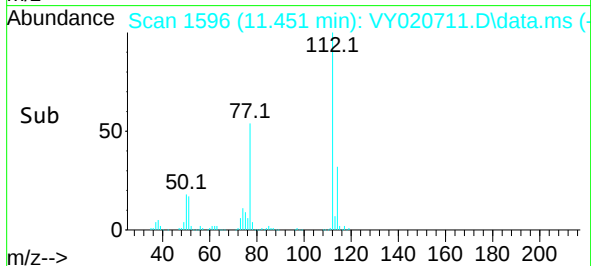
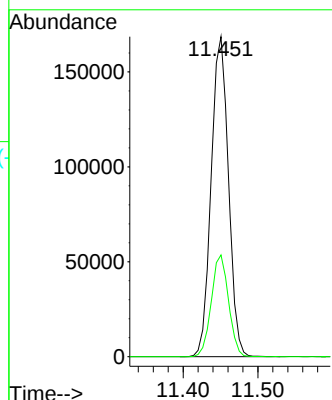
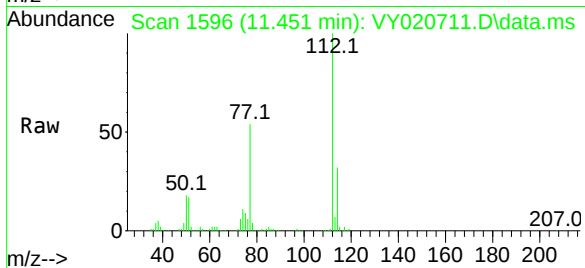
VSTDIC100

Tgt Ion:112 Resp: 270485

Ion Ratio Lower Upper

112 100

114 31.8 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 101.066 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

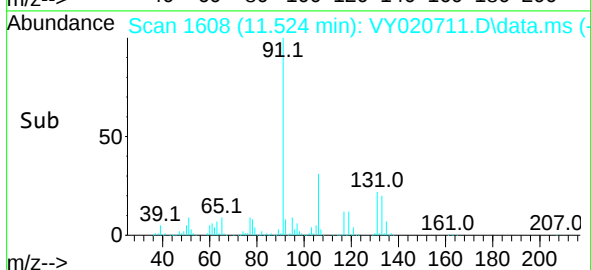
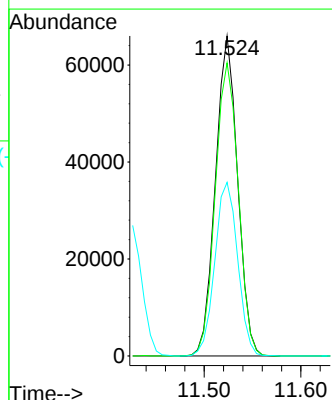
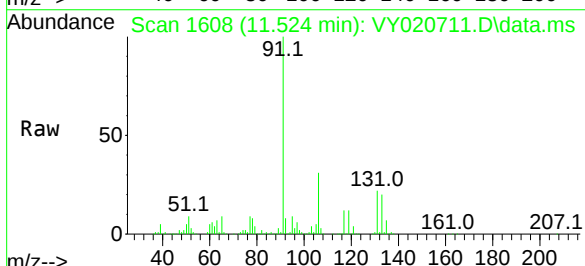
Tgt Ion:131 Resp: 105235

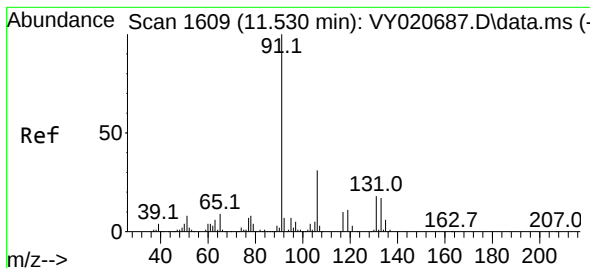
Ion Ratio Lower Upper

131 100

133 94.9 48.6 145.9

119 55.9 28.4 85.3





#67

Ethyl Benzene

Concen: 101.867 ug/l

RT: 11.524 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

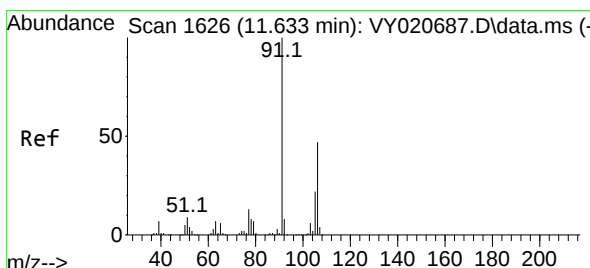
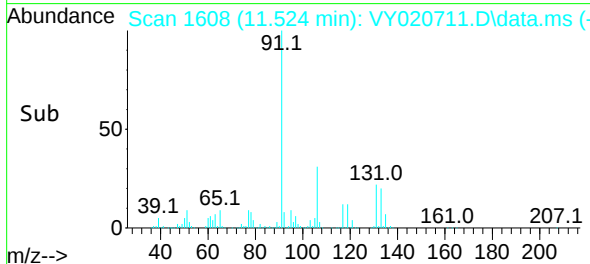
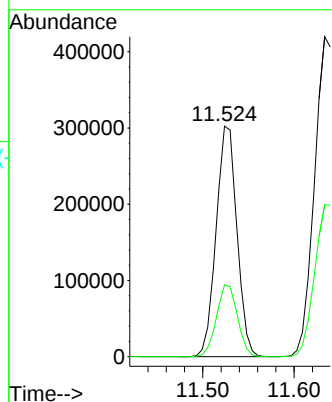
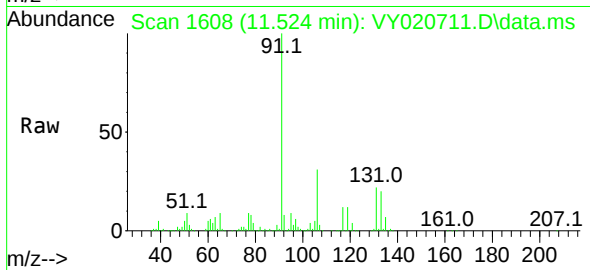
VSTDICC100

Tgt Ion: 91 Resp: 478506

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 204.314 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020711.D

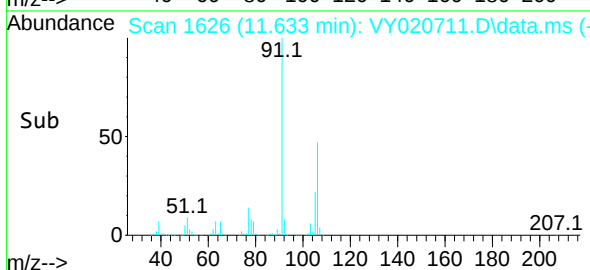
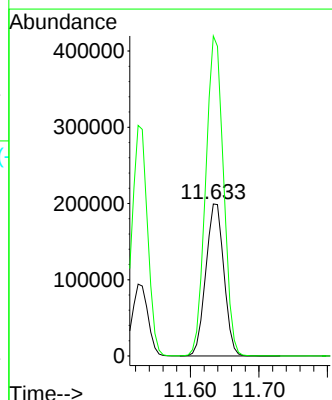
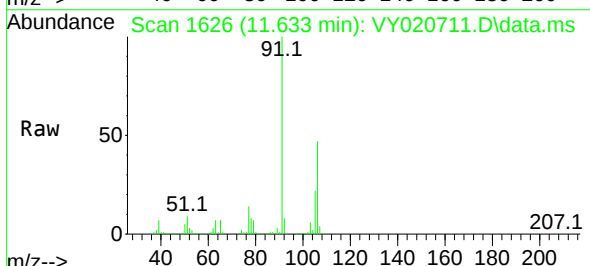
Acq: 26 Dec 2024 11:51

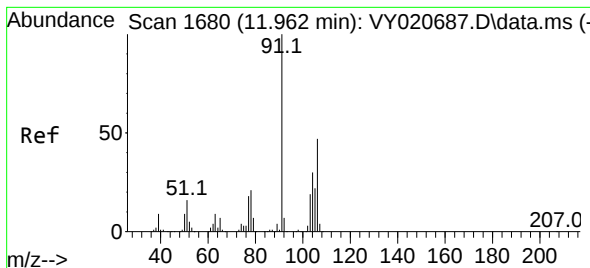
Tgt Ion:106 Resp: 366100

Ion Ratio Lower Upper

106 100

91 207.8 166.6 250.0





#69

o-Xylene

Concen: 101.366 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

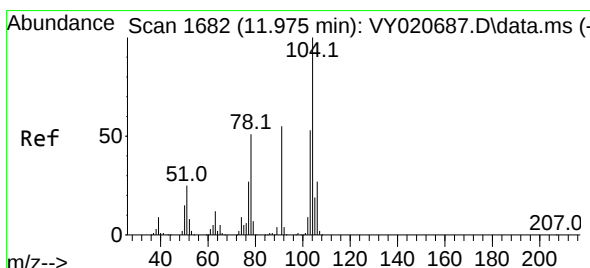
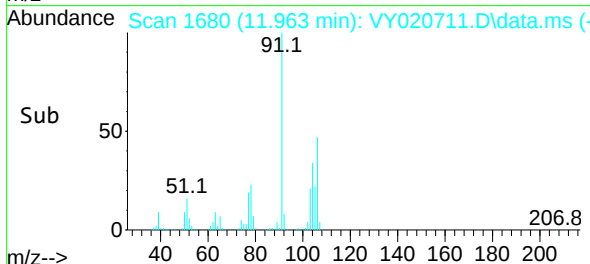
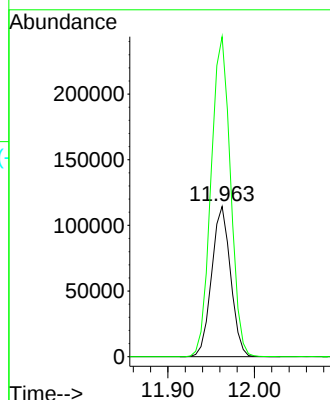
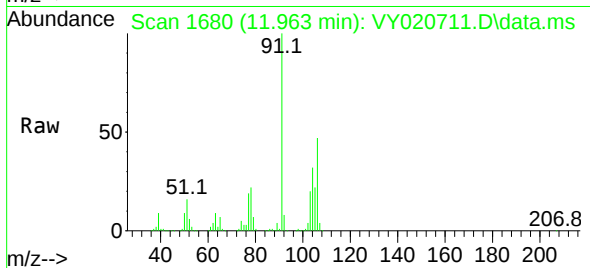
VSTDIC100

Tgt Ion:106 Resp: 173536

Ion Ratio Lower Upper

106 100

91 219.0 108.6 325.8



#70

Styrene

Concen: 102.647 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

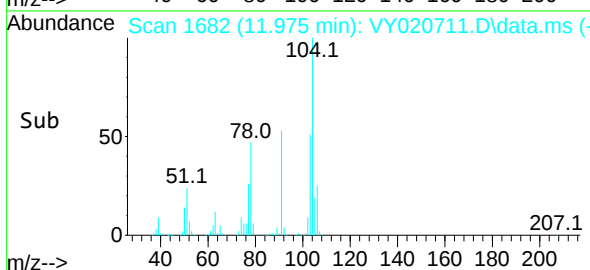
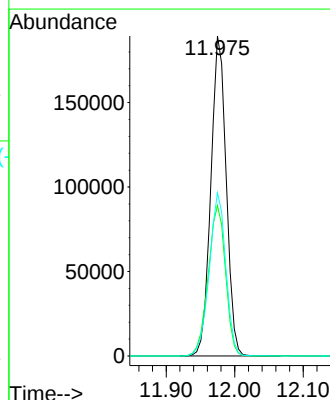
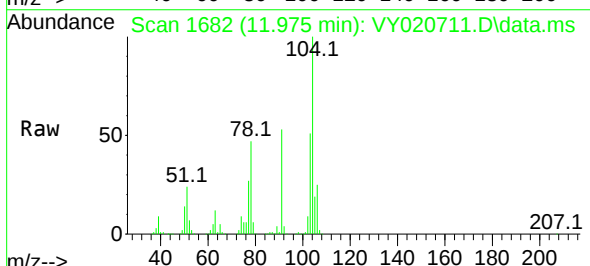
Tgt Ion:104 Resp: 294999

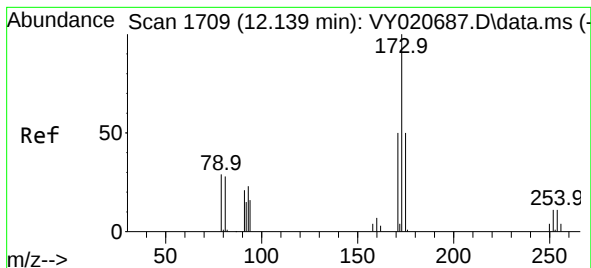
Ion Ratio Lower Upper

104 100

78 52.9 43.0 64.4

103 54.8 44.4 66.6





#71

Bromoform

Concen: 101.685 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

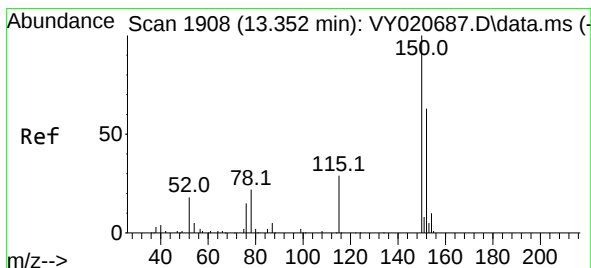
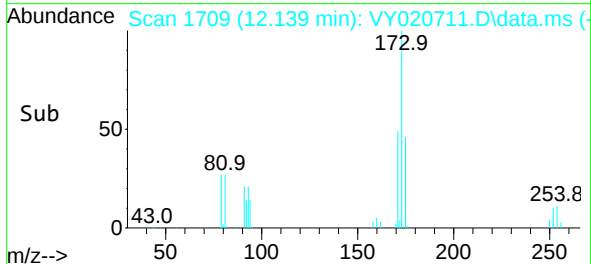
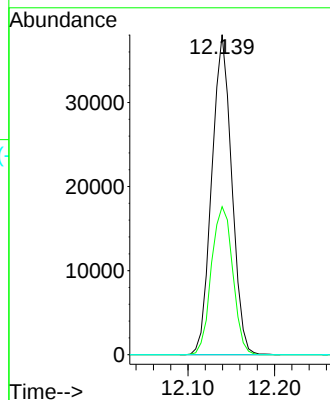
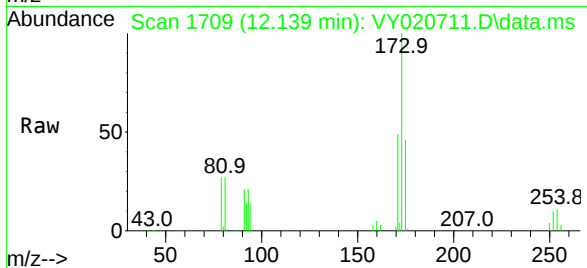
Tgt Ion:173 Resp: 60872

Ion Ratio Lower Upper

173 100

175 49.4 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.001 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

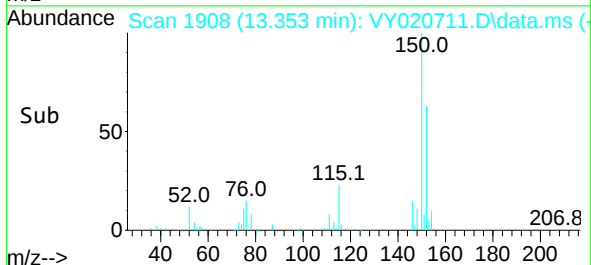
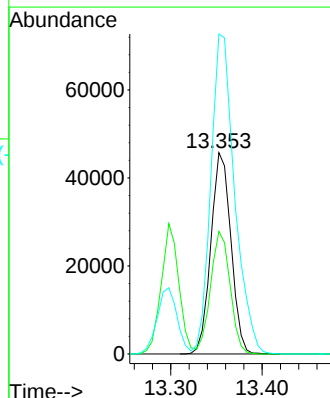
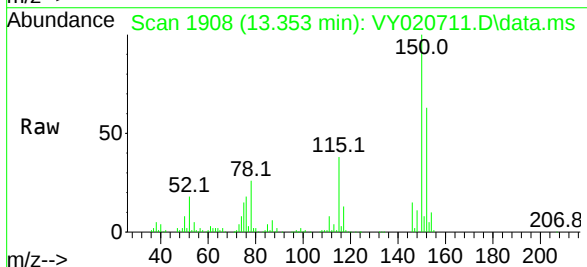
Tgt Ion:152 Resp: 69727

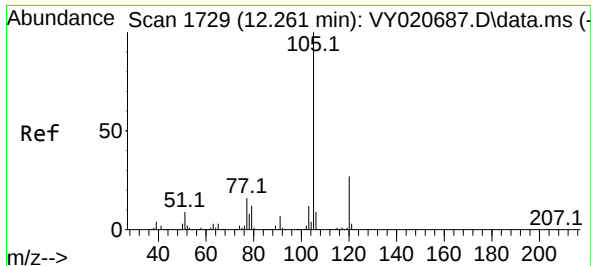
Ion Ratio Lower Upper

152 100

115 58.9 30.3 90.9

150 188.5 0.0 349.0

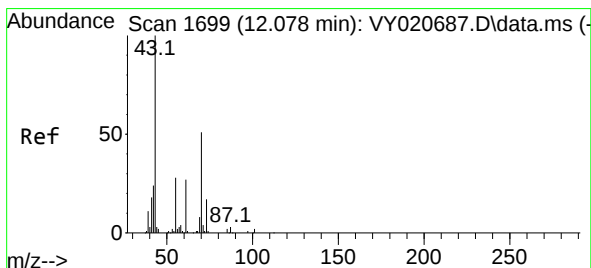
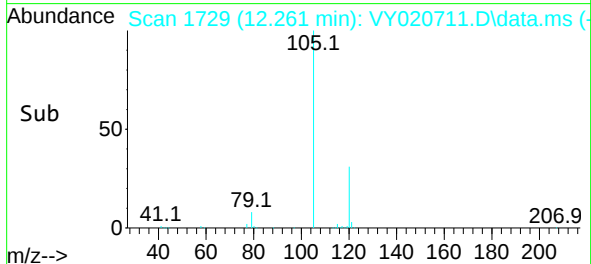
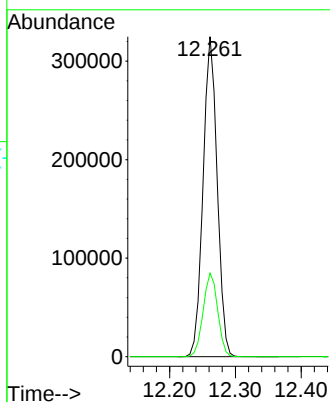
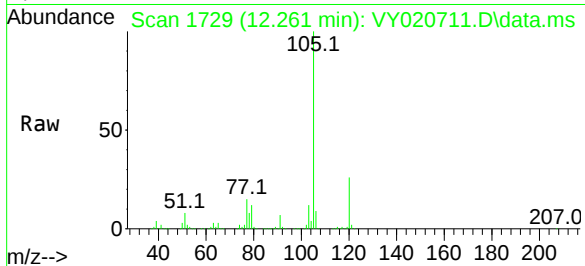




#73
Isopropylbenzene
Concen: 100.300 ug/l
RT: 12.261 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

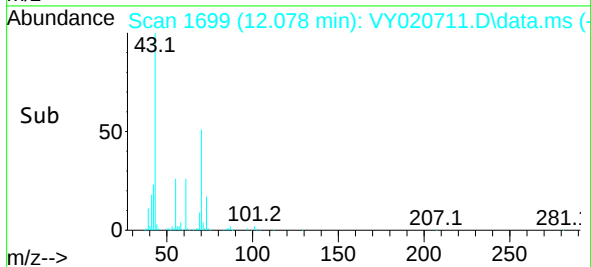
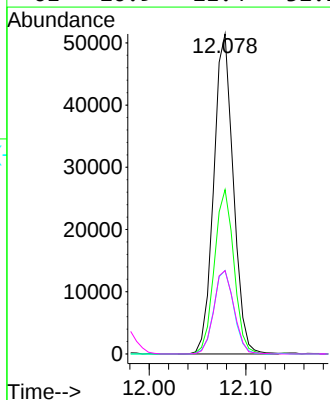
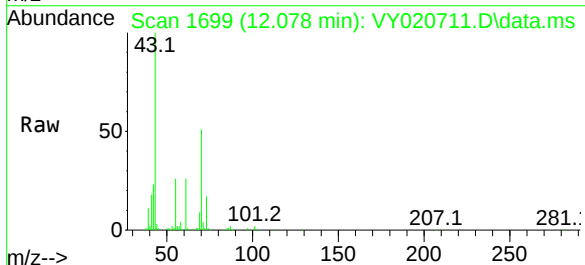
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

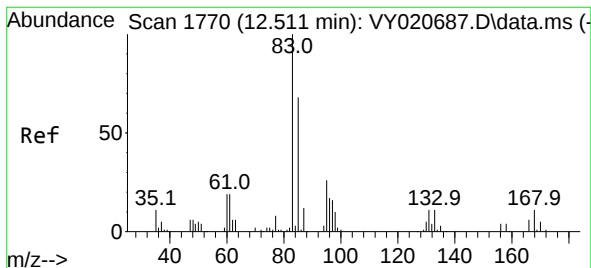
Tgt Ion:105 Resp: 484532
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 105.221 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 43 Resp: 72233
Ion Ratio Lower Upper
43 100
70 51.4 39.7 59.5
55 26.7 21.5 32.3
61 26.9 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 97.073 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

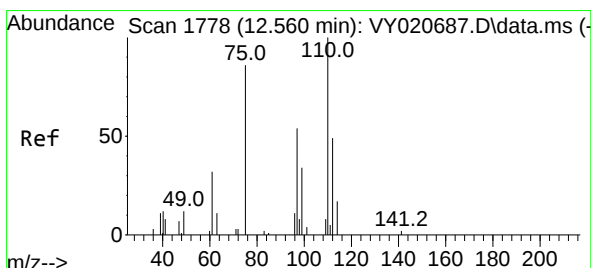
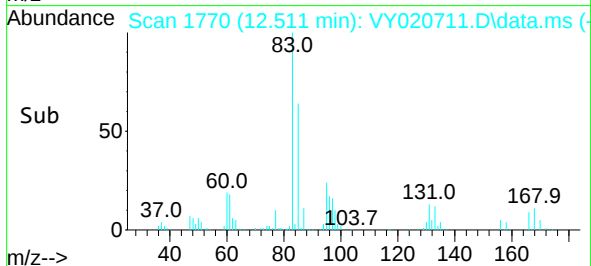
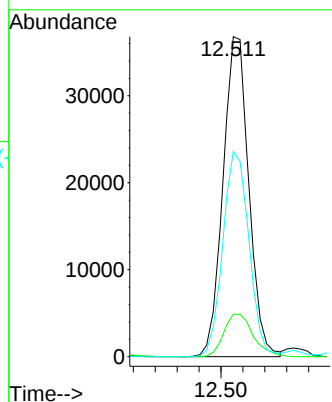
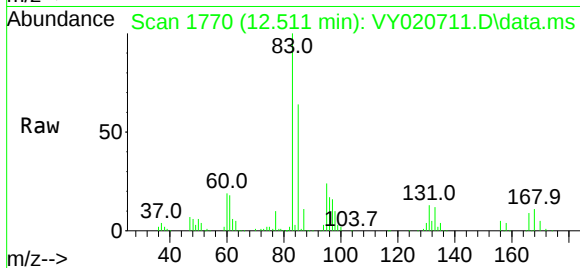
Tgt Ion: 83 Resp: 60116

Ion Ratio Lower Upper

83 100

131 15.1 6.9 20.7

85 65.0 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 164.517 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY020711.D

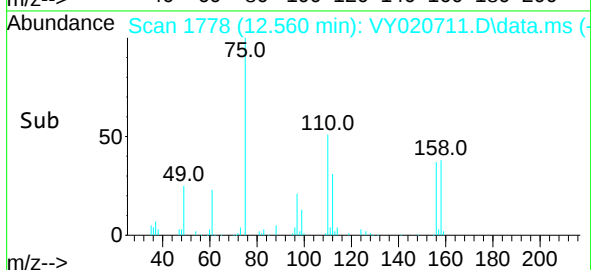
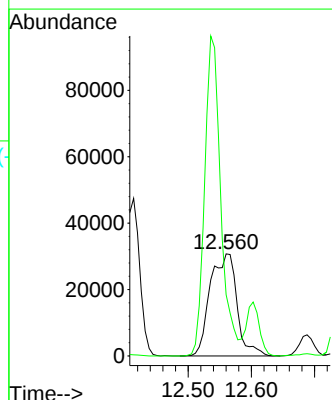
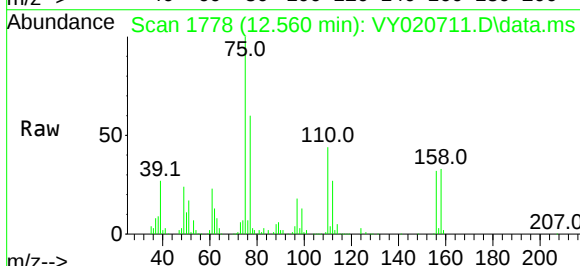
Acq: 26 Dec 2024 11:51

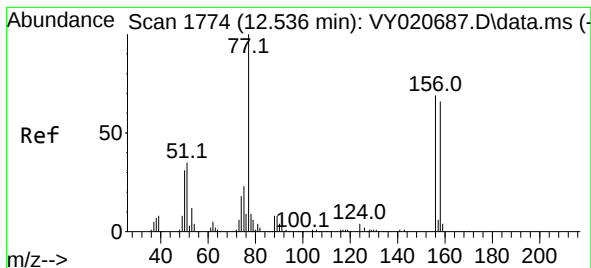
Tgt Ion: 75 Resp: 90486

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 100.978 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

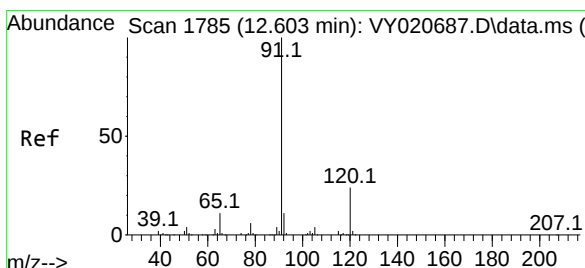
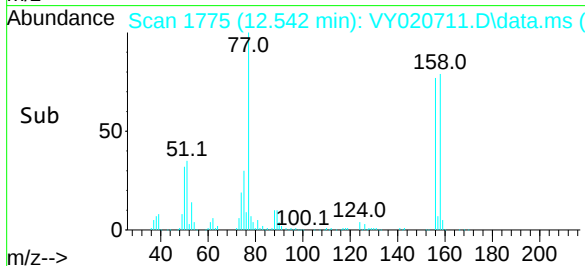
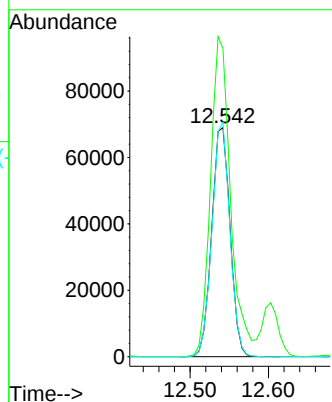
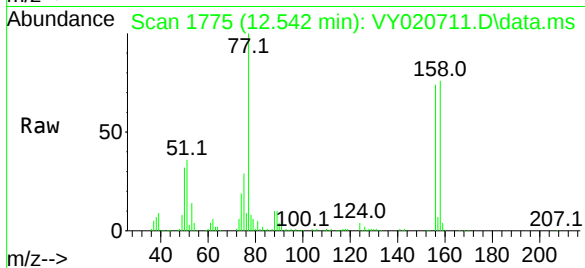
Tgt Ion:156 Resp: 112291

Ion Ratio Lower Upper

156 100

77 151.8 78.3 235.0

158 99.4 48.3 144.9



#78

n-propylbenzene

Concen: 100.496 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY020711.D

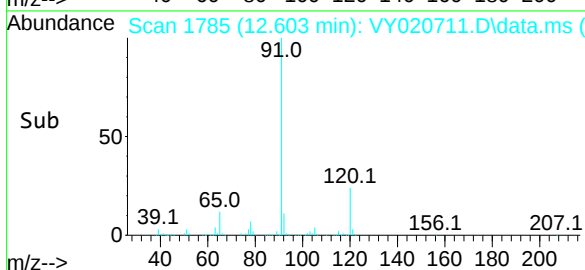
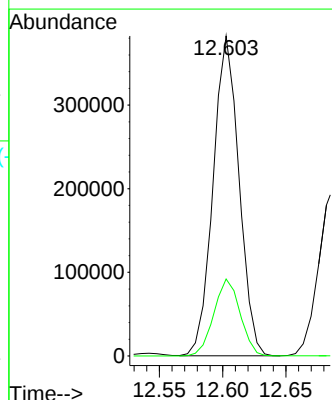
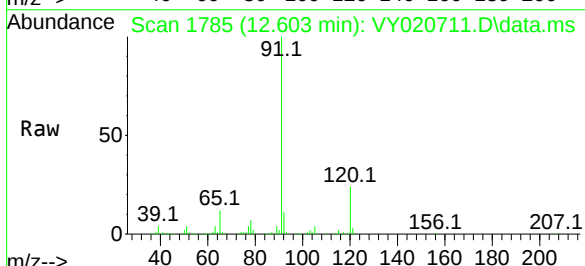
Acq: 26 Dec 2024 11:51

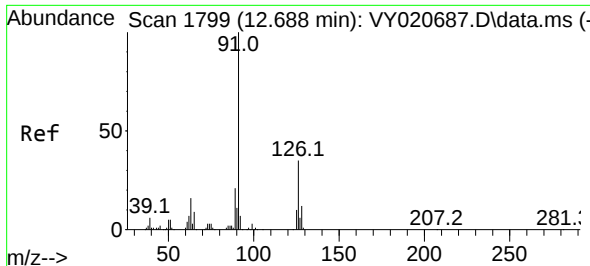
Tgt Ion: 91 Resp: 544130

Ion Ratio Lower Upper

91 100

120 24.4 12.3 36.8

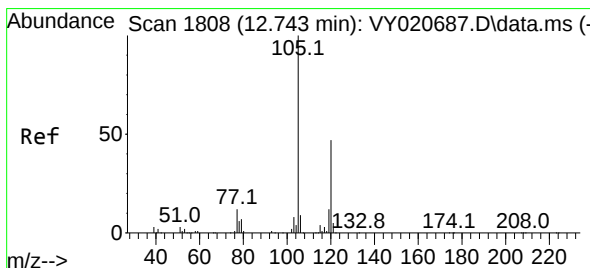
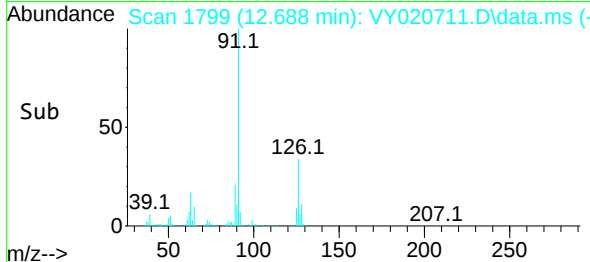
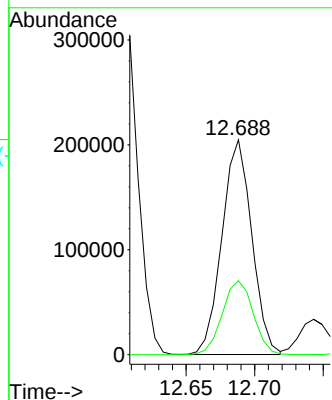
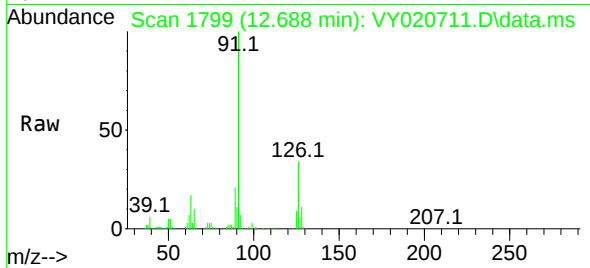




#79
2-Chlorotoluene
Concen: 100.568 ug/l
RT: 12.688 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

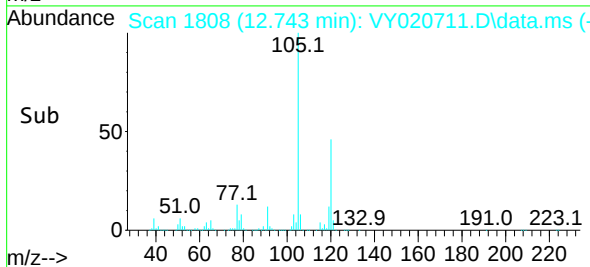
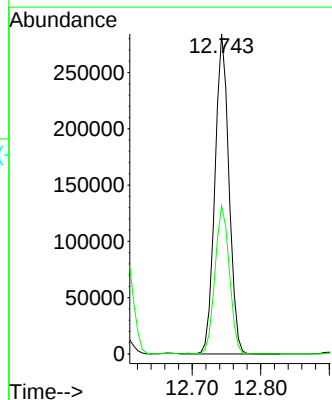
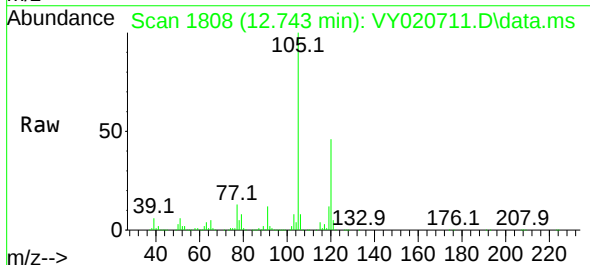
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

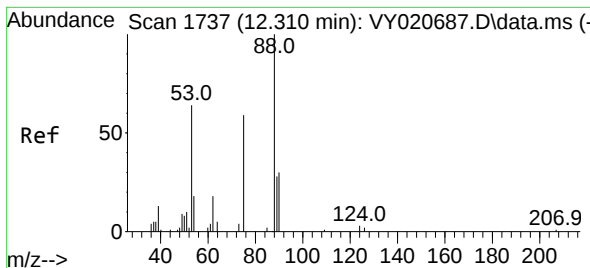
Tgt Ion: 91 Resp: 310413
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.3



#80
1,3,5-Trimethylbenzene
Concen: 100.572 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion:105 Resp: 404786
Ion Ratio Lower Upper
105 100
120 47.5 23.9 71.7

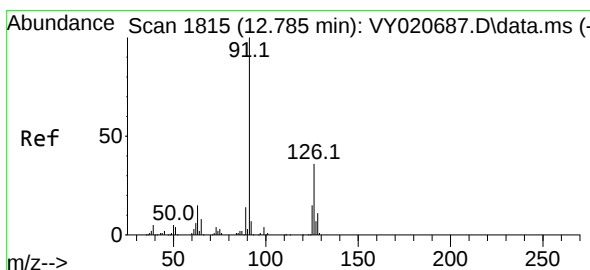
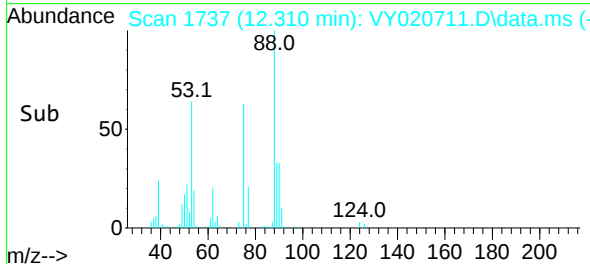
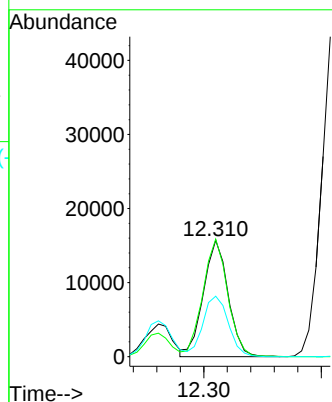
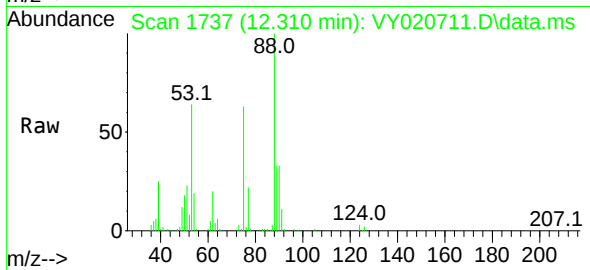




#81
trans-1,4-Dichloro-2-butene
Concen: 102.794 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

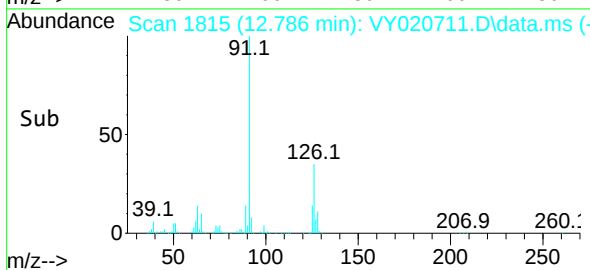
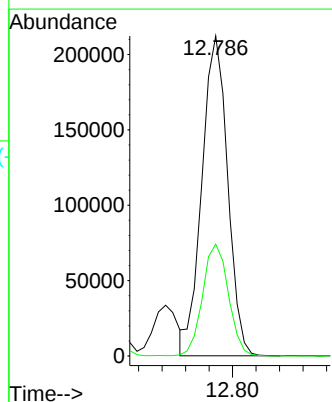
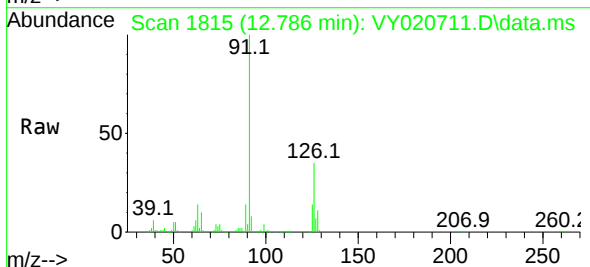
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

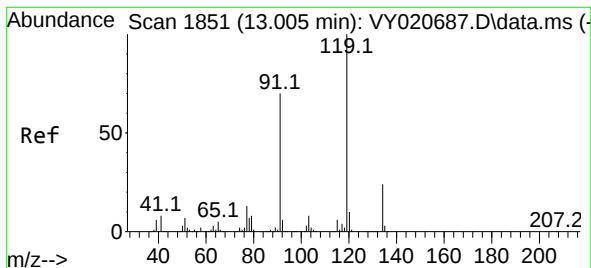
Tgt Ion: 75 Resp: 23063
Ion Ratio Lower Upper
75 100
53 101.5 83.1 124.7
89 53.0 40.6 61.0



#82
4-Chlorotoluene
Concen: 101.007 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.001 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 91 Resp: 322204
Ion Ratio Lower Upper
91 100
126 35.2 17.8 53.5





#83

tert-Butylbenzene

Concen: 99.709 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

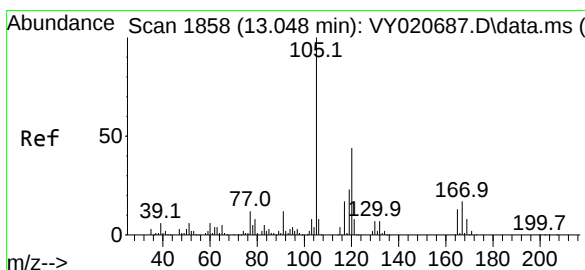
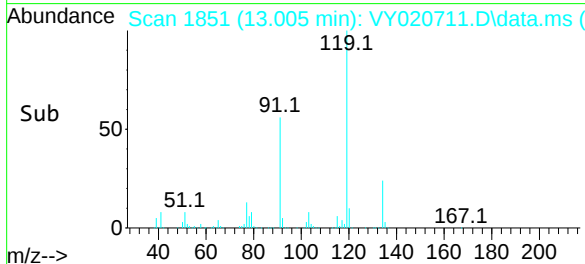
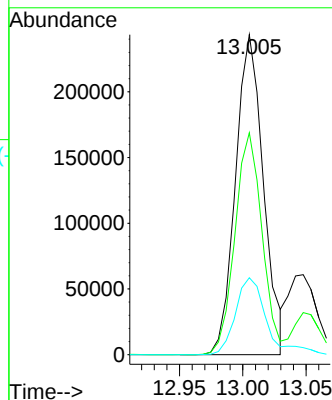
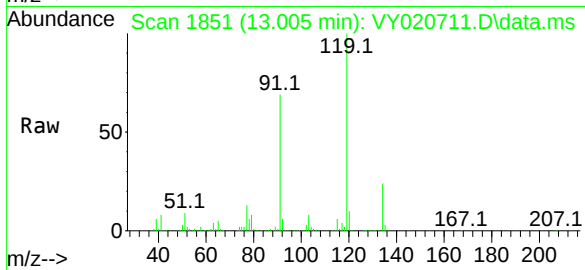
Tgt Ion:119 Resp: 374773

Ion Ratio Lower Upper

119 100

91 67.2 33.6 100.8

134 26.7 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 102.079 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020711.D

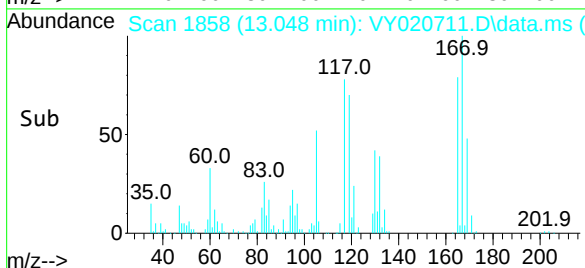
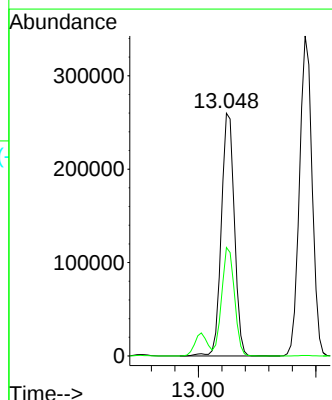
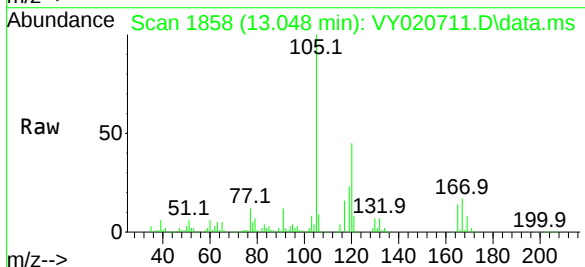
Acq: 26 Dec 2024 11:51

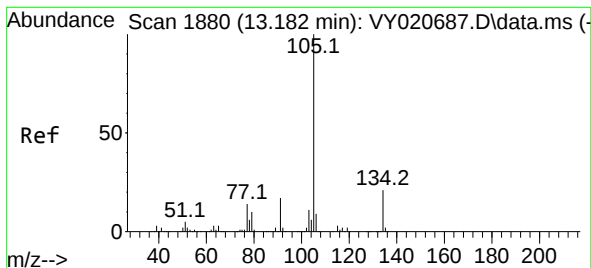
Tgt Ion:105 Resp: 399805

Ion Ratio Lower Upper

105 100

120 43.8 21.8 65.3





#85

sec-Butylbenzene

Concen: 100.564 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

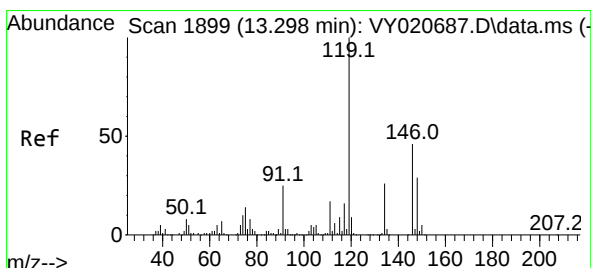
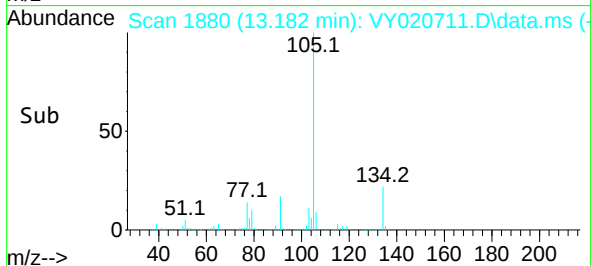
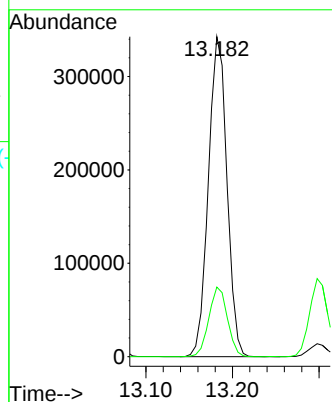
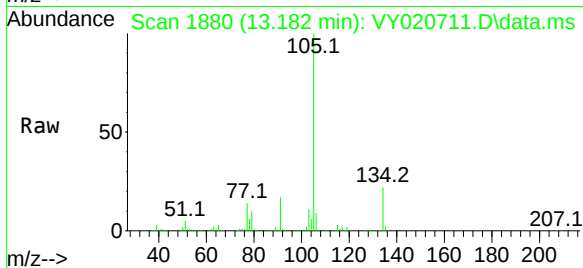
VSTDIC100

Tgt Ion:105 Resp: 509425

Ion Ratio Lower Upper

105 100

134 21.8 10.7 32.1



#86

p-Isopropyltoluene

Concen: 100.661 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

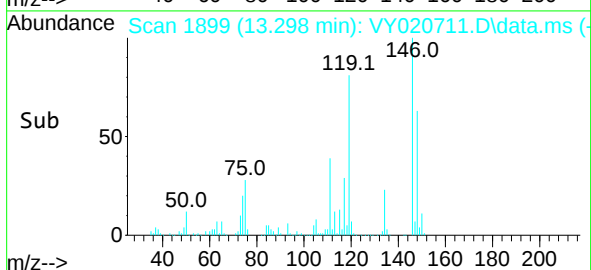
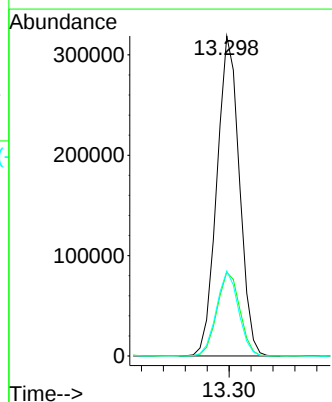
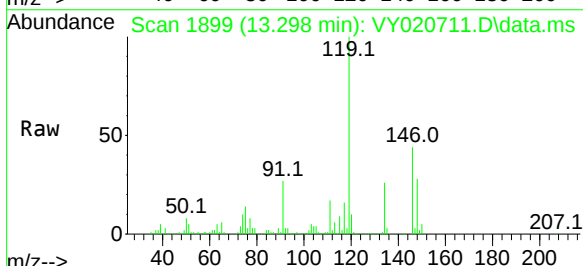
Tgt Ion:119 Resp: 454433

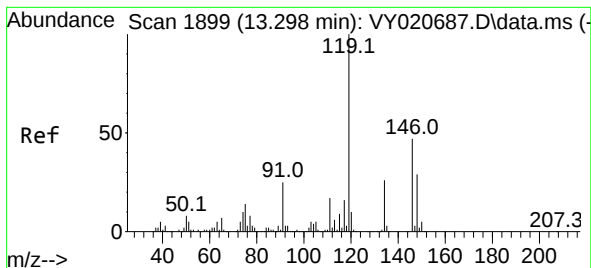
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 26.0 12.9 38.6





#87

1,3-Dichlorobenzene

Concen: 101.283 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

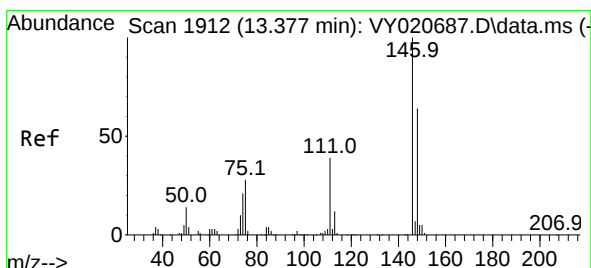
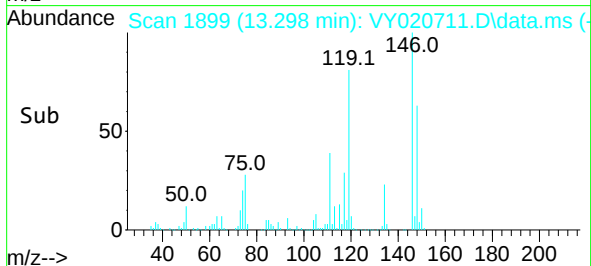
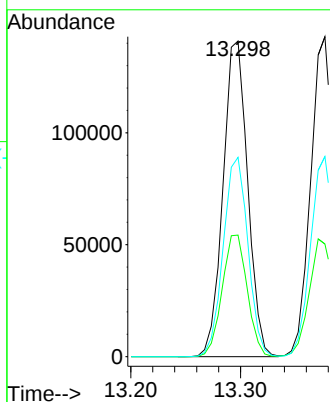
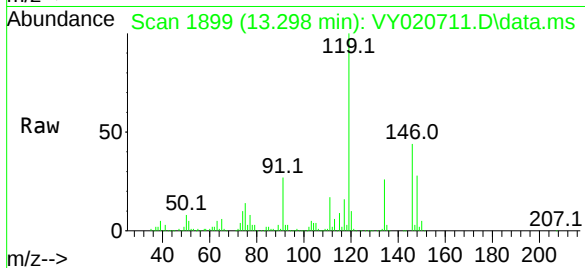
Tgt Ion:146 Resp: 220131

Ion Ratio Lower Upper

146 100

111 39.2 19.3 57.8

148 63.3 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 99.911 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

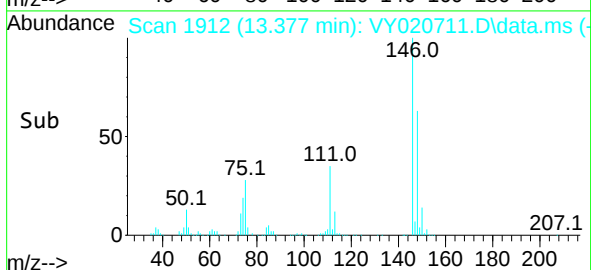
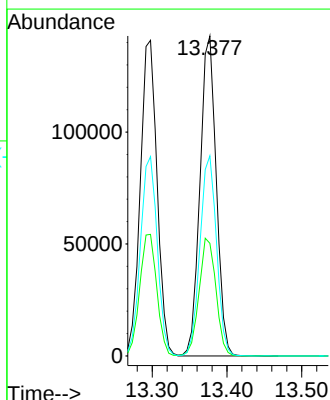
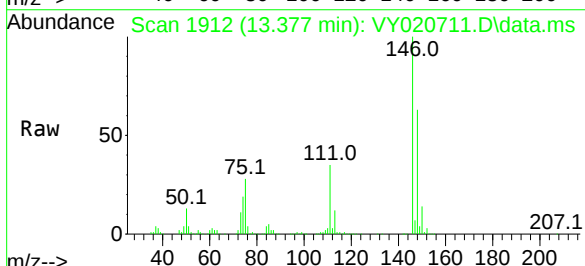
Tgt Ion:146 Resp: 216013

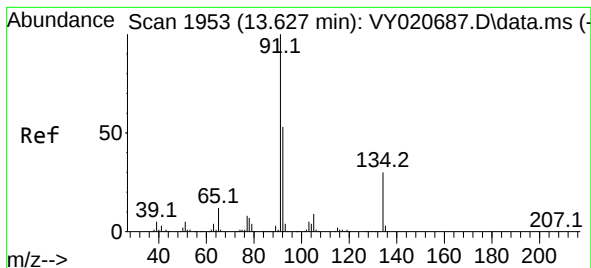
Ion Ratio Lower Upper

146 100

111 38.1 19.7 59.0

148 63.8 32.8 98.3





#89

n-Butylbenzene

Concen: 102.152 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

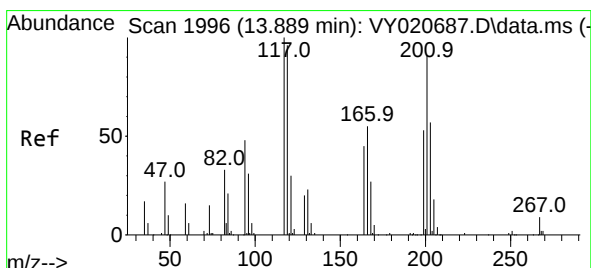
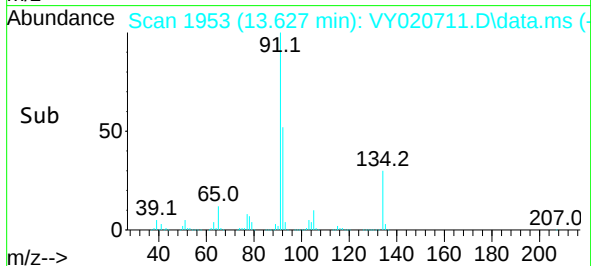
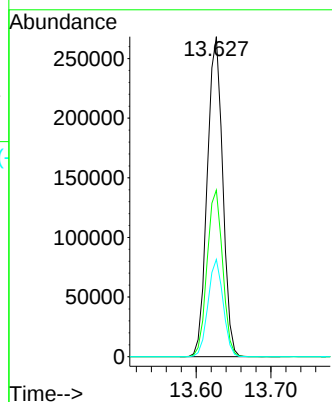
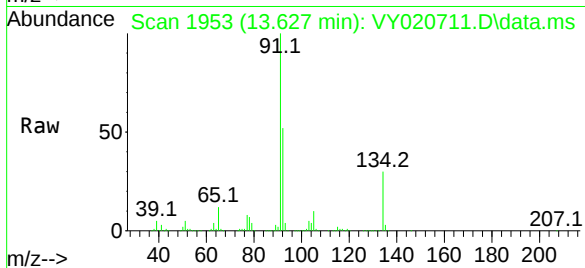
Tgt Ion: 91 Resp: 384958

Ion Ratio Lower Upper

91 100

92 52.3 26.1 78.2

134 29.7 14.8 44.4



#90

Hexachloroethane

Concen: 101.535 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VY020711.D

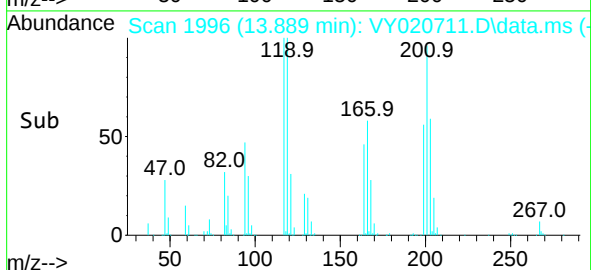
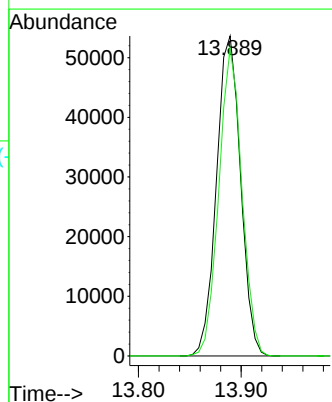
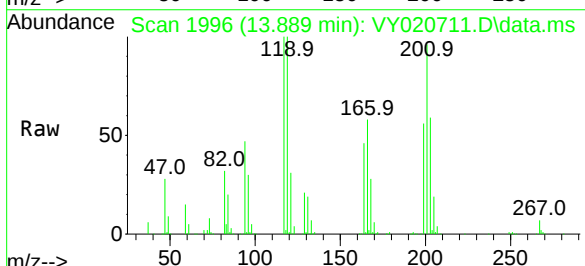
Acq: 26 Dec 2024 11:51

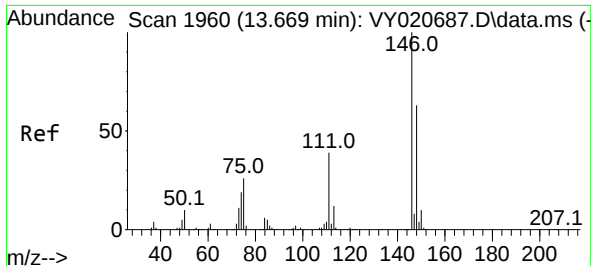
Tgt Ion: 117 Resp: 87162

Ion Ratio Lower Upper

117 100

201 92.2 44.9 134.7

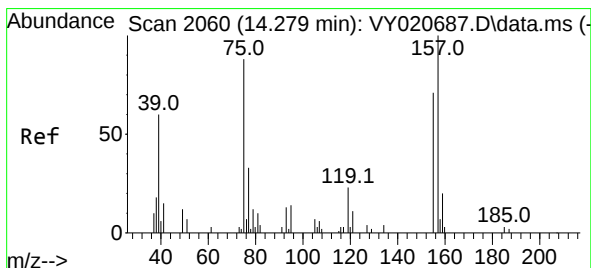
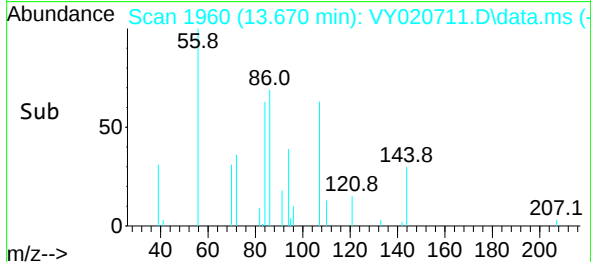
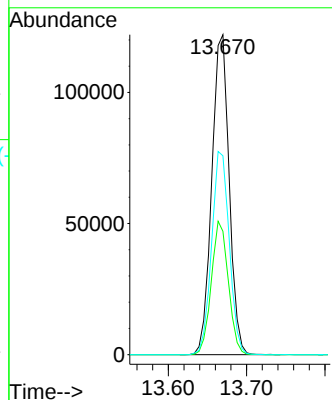
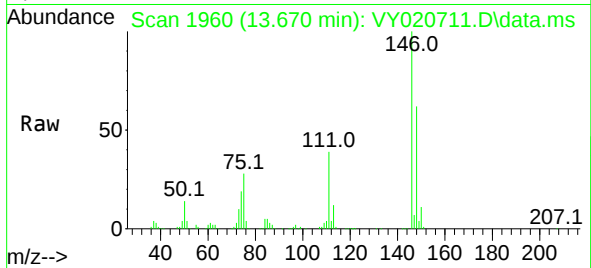




#91
1,2-Dichlorobenzene
Concen: 100.778 ug/l
RT: 13.670 min Scan# 1960
Delta R.T. 0.001 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

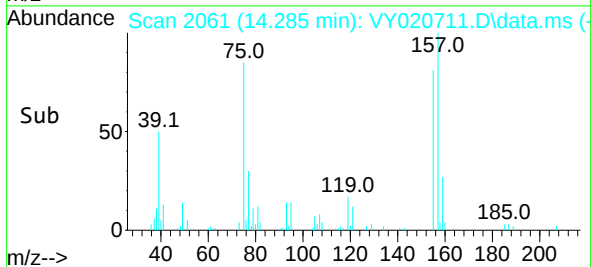
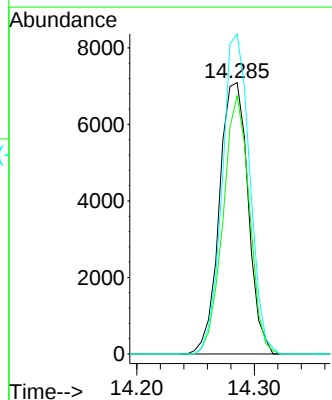
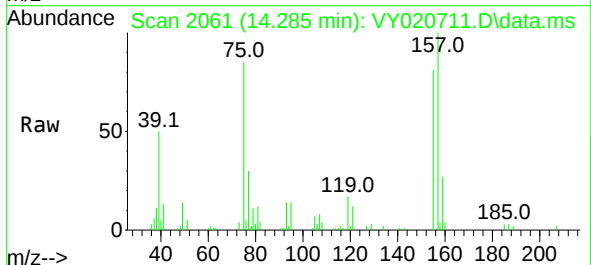
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

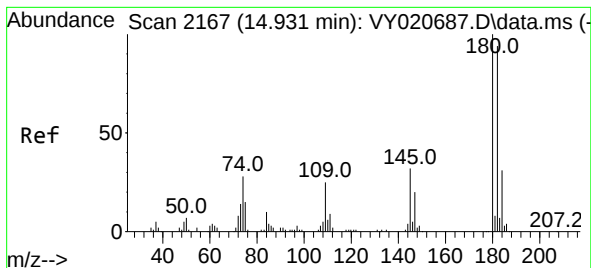
Tgt Ion:146 Resp: 187803
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.8
148 64.5 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 100.298 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY020711.D
Acq: 26 Dec 2024 11:51

Tgt Ion: 75 Resp: 12047
Ion Ratio Lower Upper
75 100
155 87.1 43.4 130.2
157 113.0 58.6 175.7





#93

1,2,4-Trichlorobenzene

Concen: 111.184 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.001 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

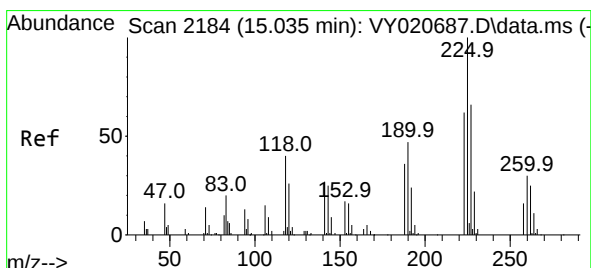
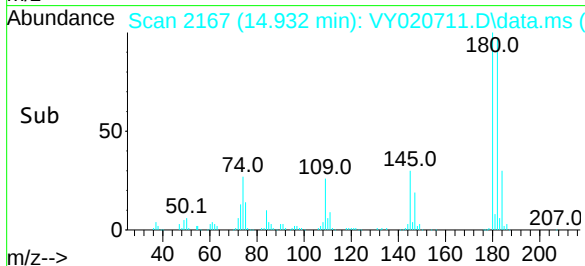
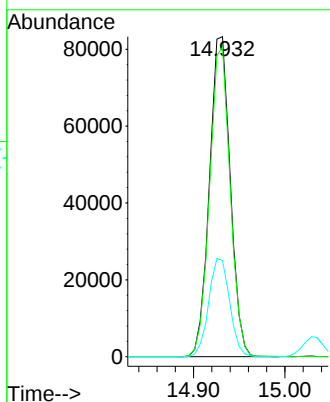
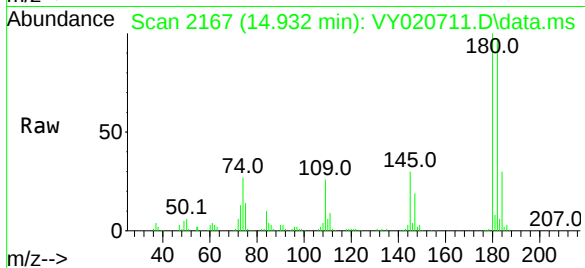
Tgt Ion:180 Resp: 131697

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.7

145 30.8 15.6 46.8



#94

Hexachlorobutadiene

Concen: 106.228 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.006 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

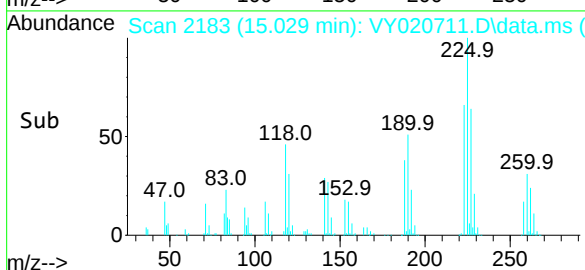
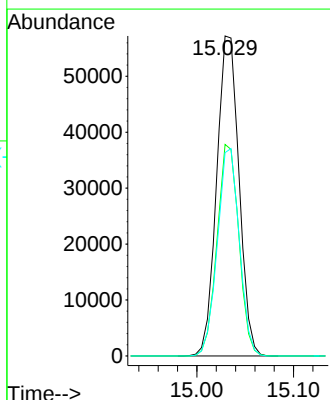
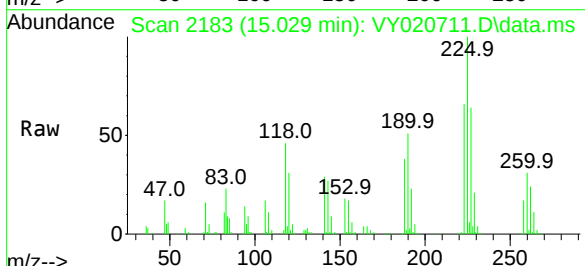
Tgt Ion:225 Resp: 91705

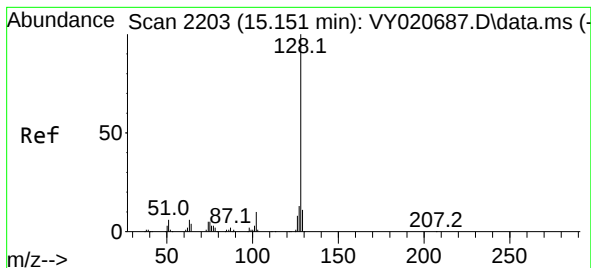
Ion Ratio Lower Upper

225 100

223 64.4 31.3 93.8

227 63.6 32.1 96.5





#95

Naphthalene

Concen: 111.196 ug/l

RT: 15.151 min Scan# 210953

Delta R.T. 0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

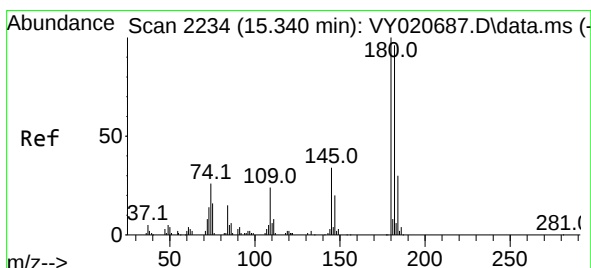
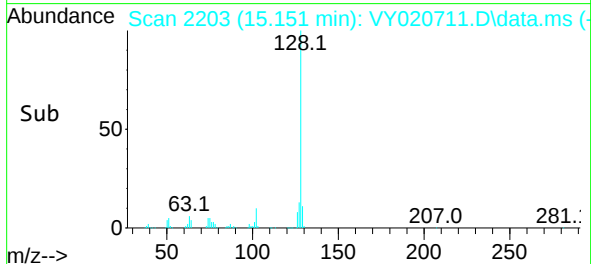
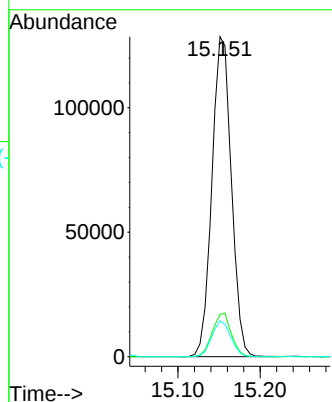
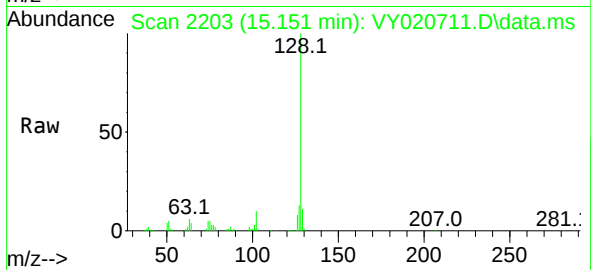
Tgt Ion:128 Resp: 210953

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 111.325 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020711.D

Acq: 26 Dec 2024 11:51

Tgt Ion:180 Resp: 109793

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.2

145 32.3 16.7 50.1

