

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120224\
 Data File : VY020491.D
 Acq On : 02 Dec 2024 17:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 02 21:59:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 02 14:47:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	165829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	262421	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.426	117	221703	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.353	152	106547	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	85783	50.864	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.720%	
35) Dibromofluoromethane	7.646	113	80619	48.799	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.600%	
50) Toluene-d8	10.115	98	309345	49.174	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.340%	
62) 4-Bromofluorobenzene	12.414	95	107741	48.969	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	81618	50.457	ug/l	99
3) Chloromethane	2.074	50	78538	47.954	ug/l	97
4) Vinyl Chloride	2.214	62	81620	48.878	ug/l	96
5) Bromomethane	2.611	94	48211	49.206	ug/l	99
6) Chloroethane	2.751	64	51691	50.506	ug/l	95
7) Trichlorofluoromethane	3.074	101	149381	47.764	ug/l	99
8) Diethyl Ether	3.464	74	43724	49.343	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.830	101	84626	46.440	ug/l	97
10) Methyl Iodide	4.019	142	102487	50.099	ug/l	95
11) Tert butyl alcohol	4.903	59	26684	243.907	ug/l #	87
12) 1,1-Dichloroethene	3.805	96	84004	48.799	ug/l	94
13) Acrolein	3.665	56	22847	223.050	ug/l	100
14) Allyl chloride	4.397	41	148222	48.277	ug/l	96
15) Acrylonitrile	5.080	53	93434	253.062	ug/l	99
16) Acetone	3.885	43	102170	243.640	ug/l	97
17) Carbon Disulfide	4.122	76	255731	51.905	ug/l	99
18) Methyl Acetate	4.397	43	49247	55.254	ug/l	100
19) Methyl tert-butyl Ether	5.134	73	217731	49.527	ug/l	98
20) Methylene Chloride	4.628	84	87262	48.917	ug/l	96
21) trans-1,2-Dichloroethene	5.134	96	92116	48.178	ug/l	98
22) Diisopropyl ether	6.031	45	295518	48.404	ug/l	96
23) Vinyl Acetate	5.976	43	796139	246.541	ug/l	98
24) 1,1-Dichloroethane	5.933	63	174828	47.565	ug/l	99
25) 2-Butanone	6.909	43	132536	250.291	ug/l	95
26) 2,2-Dichloropropane	6.902	77	158106	45.479	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	107582	48.187	ug/l	98
28) Bromochloromethane	7.262	49	67075	48.868	ug/l	93
29) Tetrahydrofuran	7.274	42	76837	254.353	ug/l	98
30) Chloroform	7.433	83	177545	47.066	ug/l	96
31) Cyclohexane	7.713	56	154827	46.594	ug/l	98
32) 1,1,1-Trichloroethane	7.634	97	167899	46.223	ug/l	98
36) 1,1-Dichloropropene	7.847	75	129528	46.428	ug/l	99
37) Ethyl Acetate	6.994	43	53736	48.618	ug/l	97
38) Carbon Tetrachloride	7.829	117	154024	46.258	ug/l	98
39) Methylcyclohexane	9.115	83	164261	47.448	ug/l	97
40) Benzene	8.091	78	386394	46.974	ug/l	100

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 ALS Vial : 21 Sample Multiplier: 1

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 ClientSampleId :
 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	27617	43.954	ug/l #	87
42) 1,2-Dichloroethane	8.164	62	103431	47.854	ug/l	100
43) Isopropyl Acetate	8.207	43	110919	49.698	ug/l #	88
44) Trichloroethene	8.878	130	96351	47.515	ug/l	95
45) 1,2-Dichloropropane	9.152	63	88111	45.775	ug/l	98
46) Dibromomethane	9.243	93	46425	48.713	ug/l	98
47) Bromodichloromethane	9.432	83	132387	47.148	ug/l	97
48) Methyl methacrylate	9.231	41	53090	51.011	ug/l	97
49) 1,4-Dioxane	9.243	88	9484	1041.088	ug/l #	96
51) 4-Methyl-2-Pentanone	10.006	43	275435	249.895	ug/l	97
52) Toluene	10.182	92	241735	47.103	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	121772	48.305	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	142654	47.883	ug/l	95
55) 1,1,2-Trichloroethane	10.579	97	60948	47.941	ug/l	97
56) Ethyl methacrylate	10.445	69	91300	50.755	ug/l	93
57) 1,3-Dichloropropane	10.725	76	109626	48.154	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	211510	251.130	ug/l	97
59) 2-Hexanone	10.768	43	199488	250.884	ug/l	97
60) Dibromochloromethane	10.920	129	84807	47.914	ug/l	100
61) 1,2-Dibromoethane	11.024	107	55616	47.838	ug/l	100
64) Tetrachloroethene	10.658	164	85811	45.807	ug/l	94
65) Chlorobenzene	11.450	112	250913	45.152	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	88696	45.005	ug/l	97
67) Ethyl Benzene	11.524	91	470370	45.157	ug/l	100
68) m/p-Xylenes	11.633	106	347152	91.016	ug/l	99
69) o-Xylene	11.963	106	161876	45.302	ug/l	98
70) Styrene	11.975	104	271828	45.597	ug/l	99
71) Bromoform	12.139	173	47291	47.197	ug/l #	99
73) Isopropylbenzene	12.261	105	448228	43.479	ug/l	100
74) N-amyl acetate	12.078	43	93030	46.042	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	66197	44.652	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	89390	82.358	ug/l #	100
77) Bromobenzene	12.542	156	91863	43.030	ug/l	98
78) n-propylbenzene	12.603	91	526560	43.141	ug/l	98
79) 2-Chlorotoluene	12.688	91	292787	42.511	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	357594	43.285	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	23819	45.029	ug/l	95
82) 4-Chlorotoluene	12.786	91	295465	42.039	ug/l	99
83) tert-Butylbenzene	13.005	119	319962	42.838	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	348688	43.425	ug/l	99
85) sec-Butylbenzene	13.182	105	455811	42.583	ug/l	99
86) p-Isopropyltoluene	13.298	119	380314	42.995	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	177374	43.081	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	174281	43.239	ug/l	99
89) n-Butylbenzene	13.627	91	349763	42.634	ug/l	99
90) Hexachloroethane	13.889	117	72131	41.843	ug/l	95
91) 1,2-Dichlorobenzene	13.670	146	150912	43.222	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	9938	44.280	ug/l	99
93) 1,2,4-Trichlorobenzene	14.932	180	83243	42.399	ug/l	99
94) Hexachlorobutadiene	15.035	225	54138	39.416	ug/l	99
95) Naphthalene	15.157	128	145432	45.775	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	68961	43.530	ug/l	98

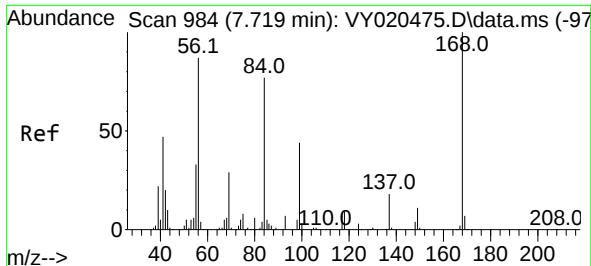
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120224\
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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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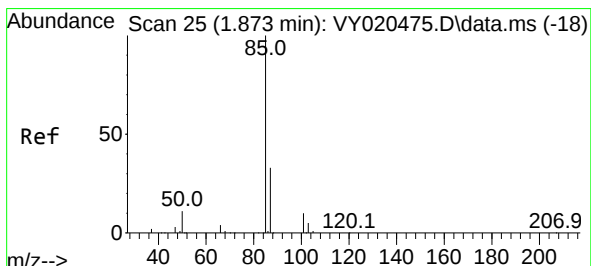
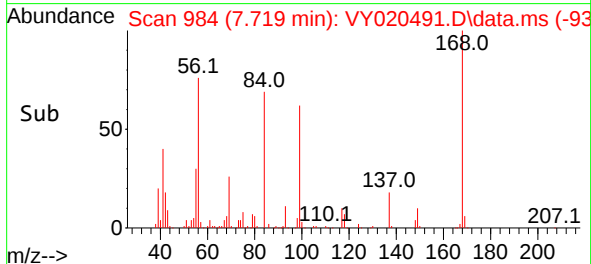
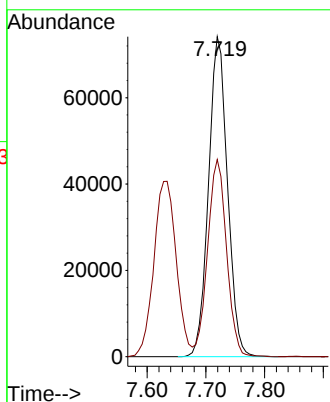
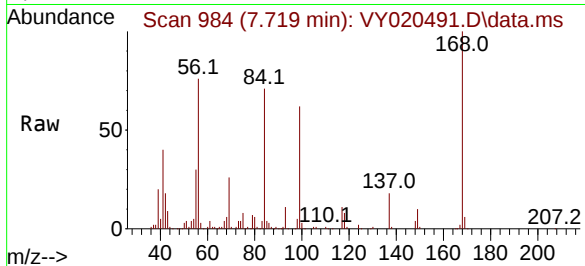
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

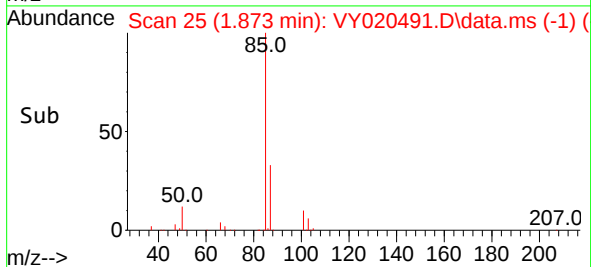
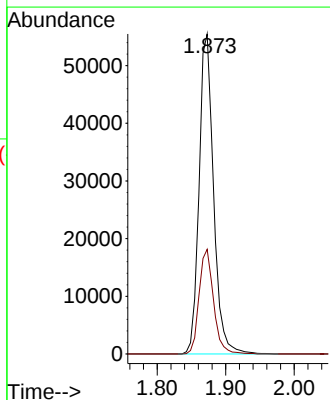
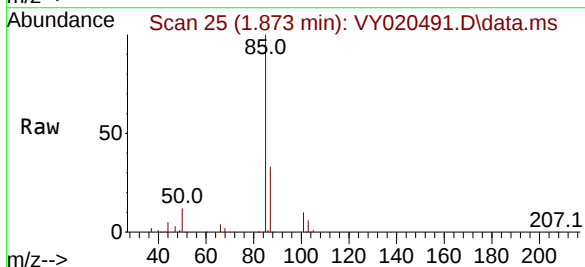
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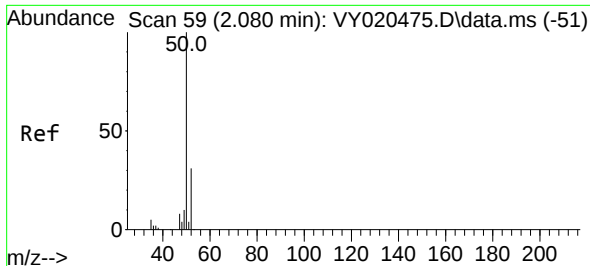
Tgt Ion:168 Resp: 165829
Ion Ratio Lower Upper
168 100
99 61.6 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 50.457 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 85 Resp: 81618
Ion Ratio Lower Upper
85 100
87 32.7 16.1 48.2

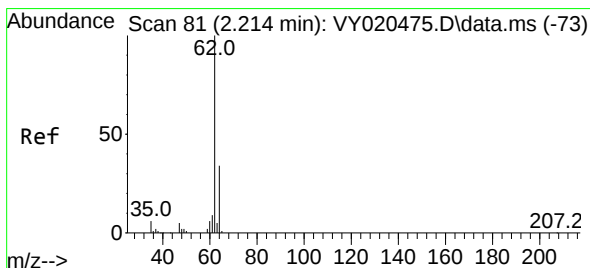
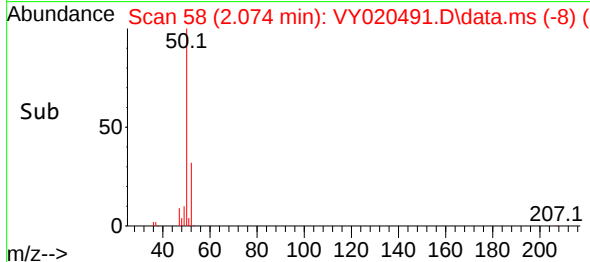
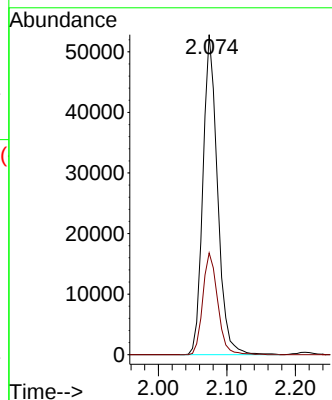
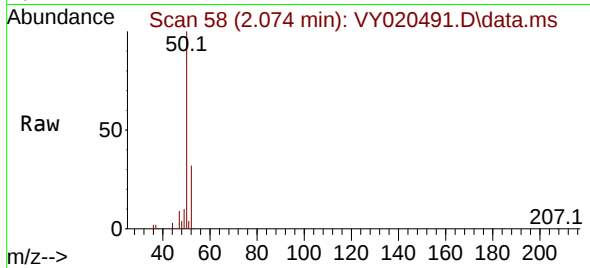




#3
Chloromethane
Concen: 47.954 ug/l
RT: 2.074 min Scan# 59
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

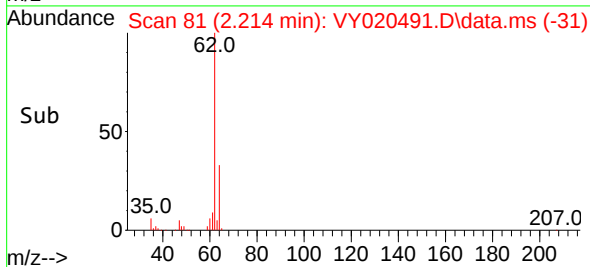
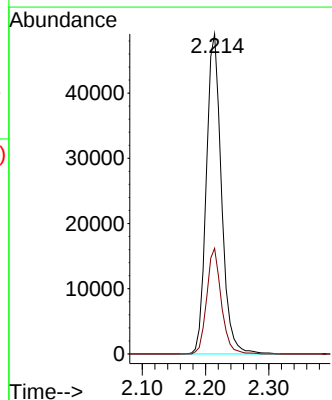
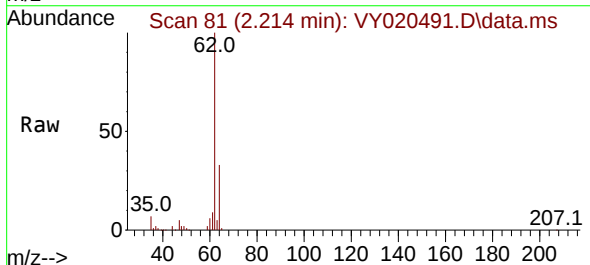
Instrument :
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ClientSampleId :
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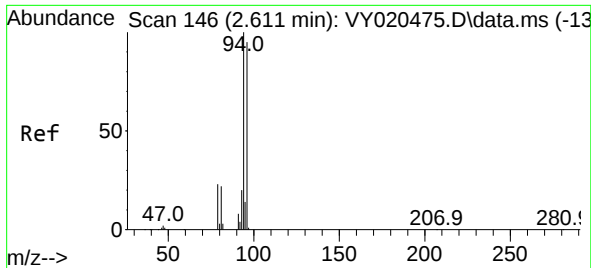
Tgt Ion: 50 Resp: 78538
Ion Ratio Lower Upper
50 100
52 31.8 26.9 40.3



#4
Vinyl Chloride
Concen: 48.878 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 62 Resp: 81620
Ion Ratio Lower Upper
62 100
64 33.0 24.7 37.1

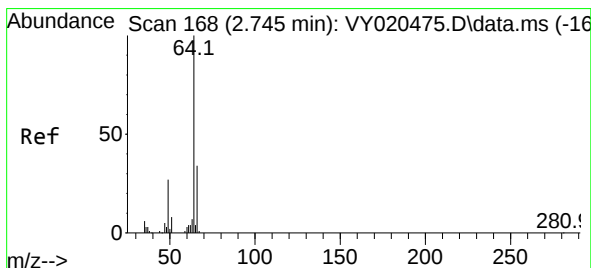
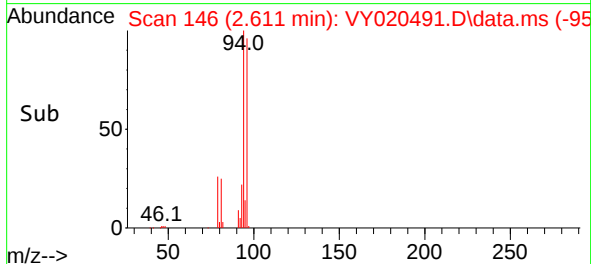
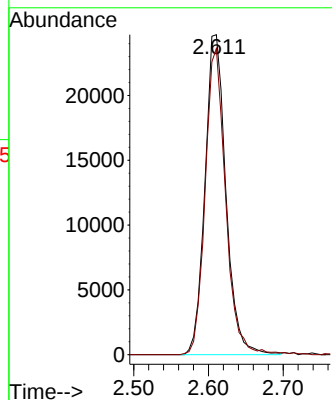
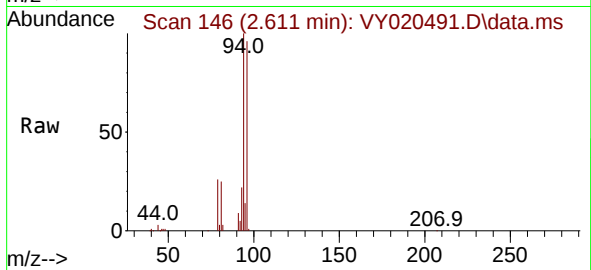




#5
Bromomethane
Concen: 49.206 ug/l
RT: 2.611 min Scan# 146
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

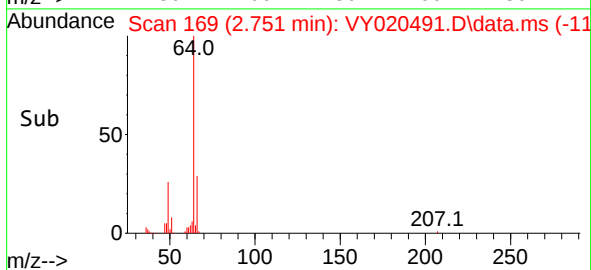
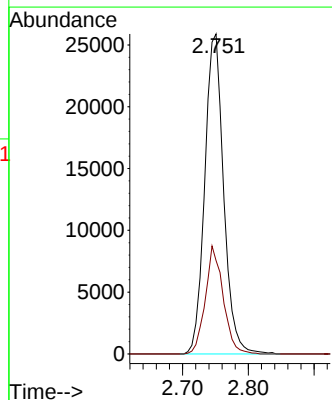
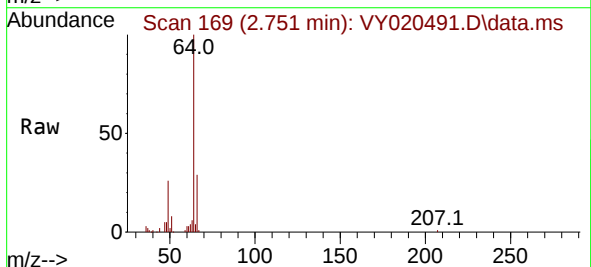
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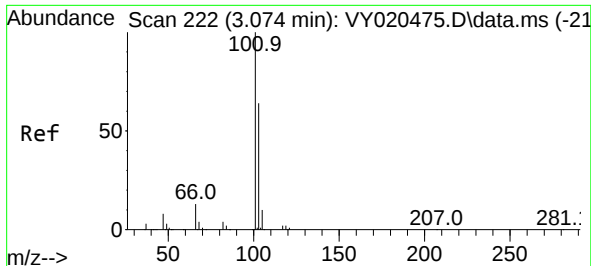
Tgt Ion: 94 Resp: 48211
Ion Ratio Lower Upper
94 100
96 95.6 75.4 113.2



#6
Chloroethane
Concen: 50.506 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 64 Resp: 51691
Ion Ratio Lower Upper
64 100
66 29.2 25.7 38.5

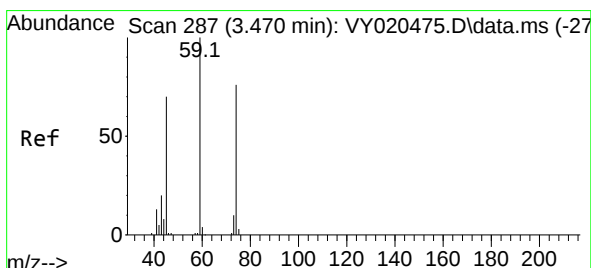
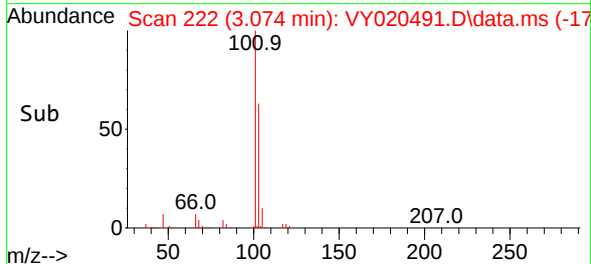
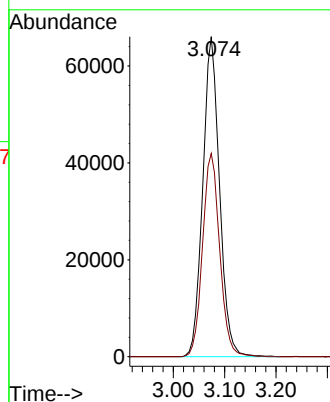
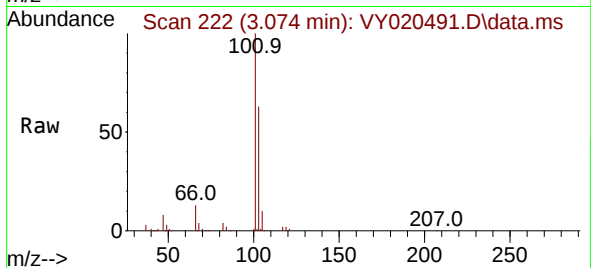




#7
 Trichlorofluoromethane
 Concen: 47.764 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY020491.D
 Acq: 02 Dec 2024 17:38

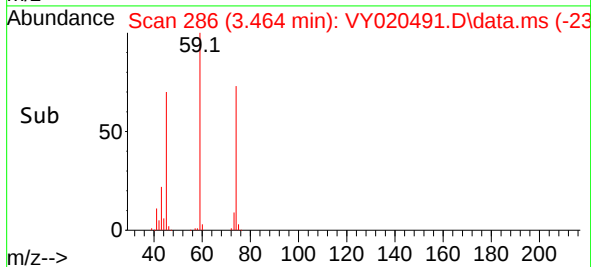
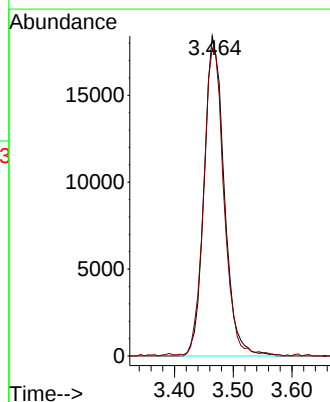
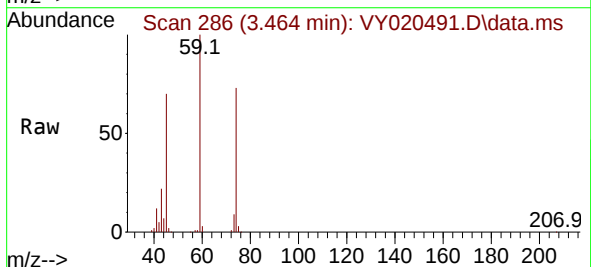
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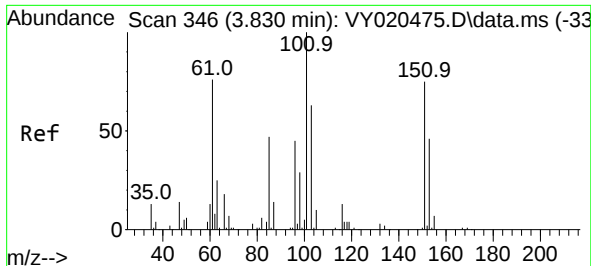
Tgt Ion:101 Resp: 149381
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.5 77.3



#8
 Diethyl Ether
 Concen: 49.343 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.006 min
 Lab File: VY020491.D
 Acq: 02 Dec 2024 17:38

Tgt Ion: 74 Resp: 43724
 Ion Ratio Lower Upper
 74 100
 45 98.0 53.6 160.8

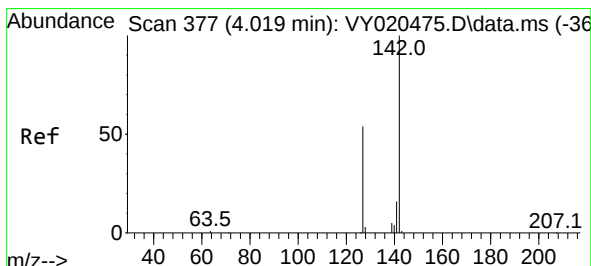
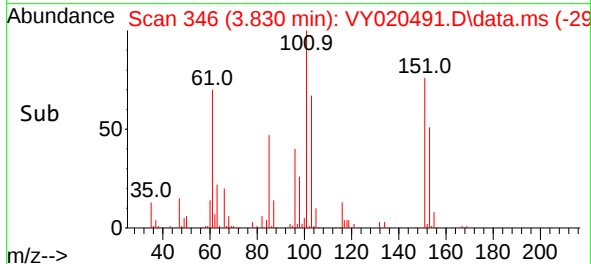
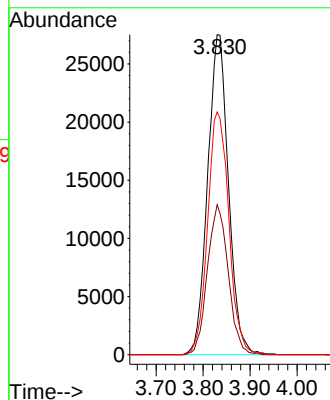
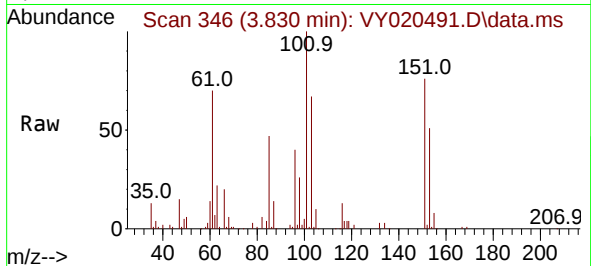




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.440 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.012 min
Lab File: VY020491.D
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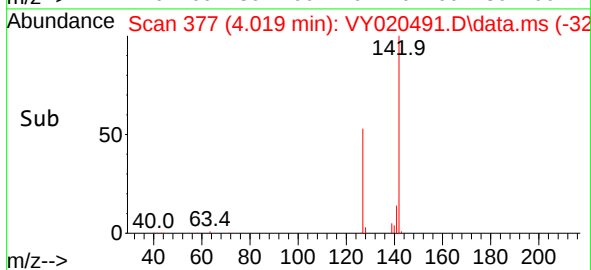
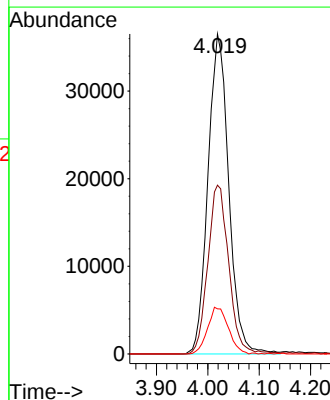
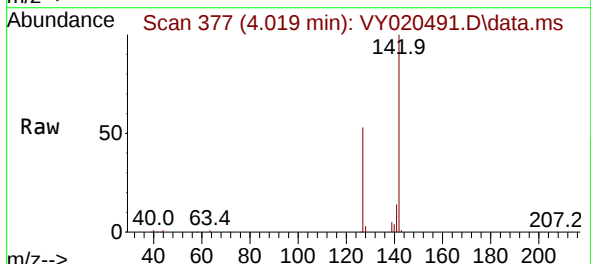
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

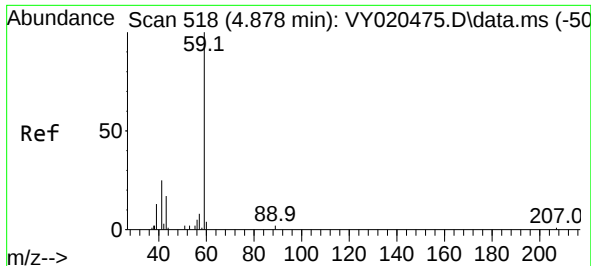
Tgt Ion:101 Resp: 84626
Ion Ratio Lower Upper
101 100
85 46.9 38.0 57.0
151 77.5 59.6 89.4



#10
Methyl Iodide
Concen: 50.099 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion:142 Resp: 102487
Ion Ratio Lower Upper
142 100
127 53.2 38.9 58.3
141 14.7 11.7 17.5

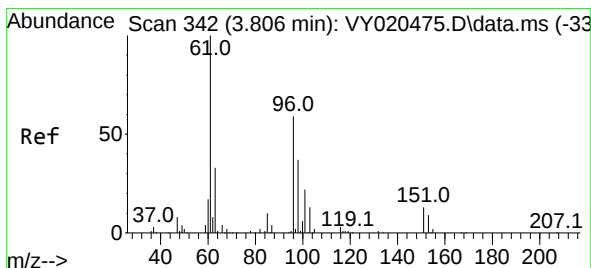
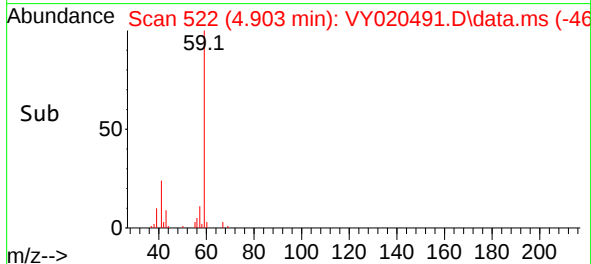
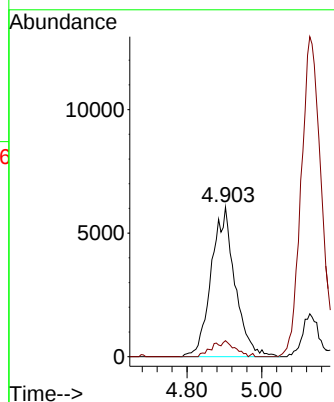
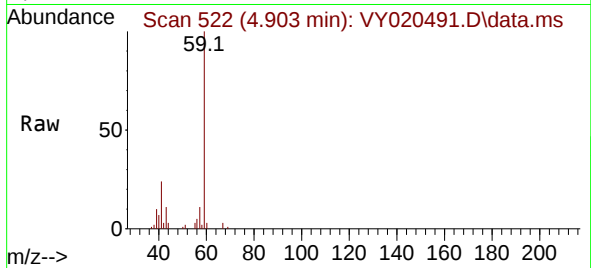




#11
Tert butyl alcohol
Concen: 243.907 ug/l
RT: 4.903 min Scan# 518
Delta R.T. 0.024 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

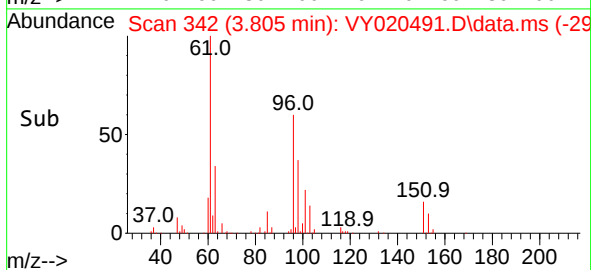
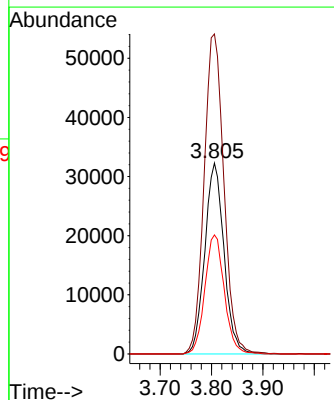
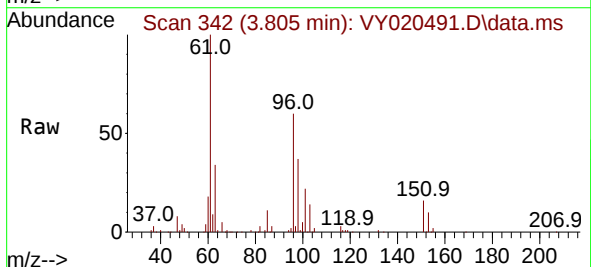
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

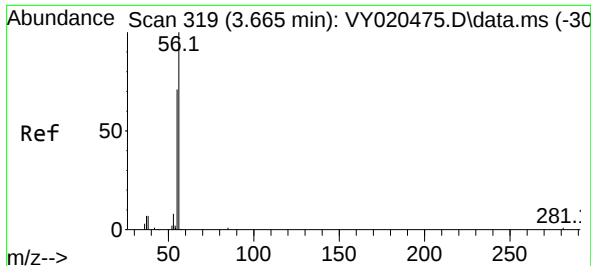
Tgt Ion: 59 Resp: 26684
Ion Ratio Lower Upper
59 100
57 5.4 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 48.799 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 96 Resp: 84004
Ion Ratio Lower Upper
96 100
61 167.6 143.3 214.9
98 62.3 49.8 74.8

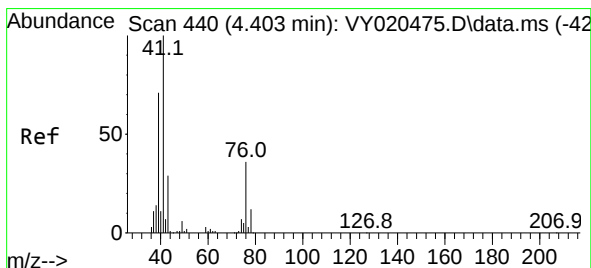
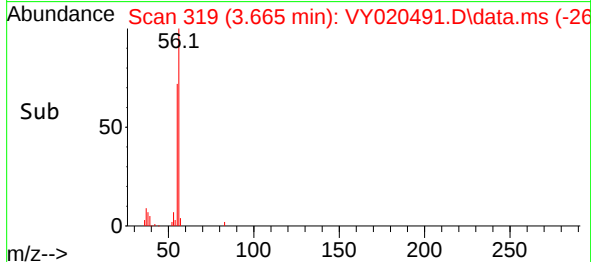
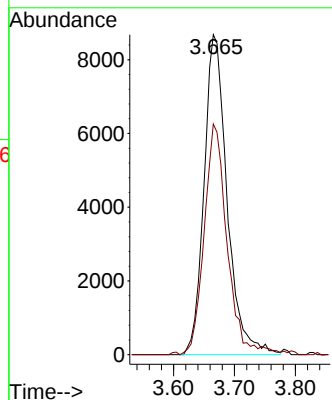
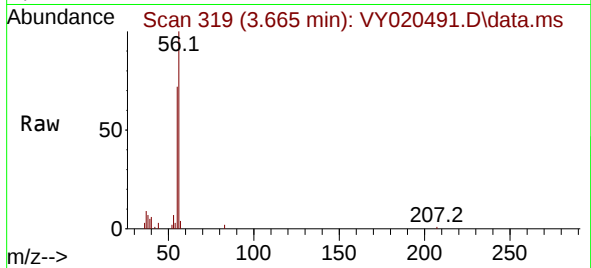




#13
Acrolein
Concen: 223.050 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

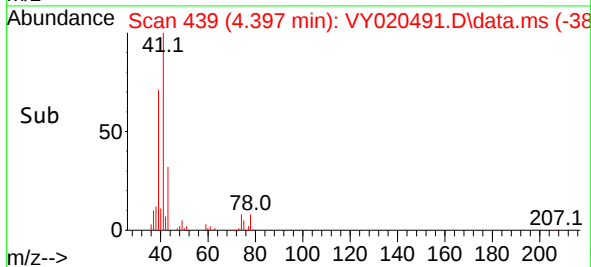
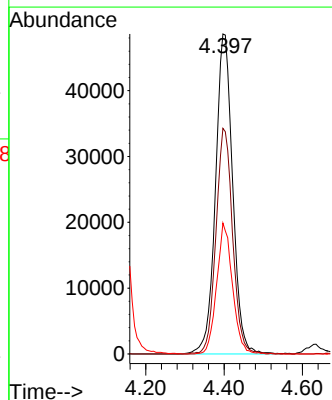
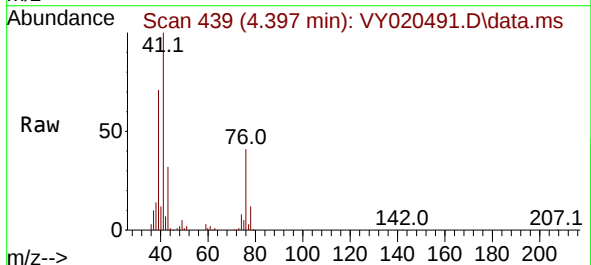
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

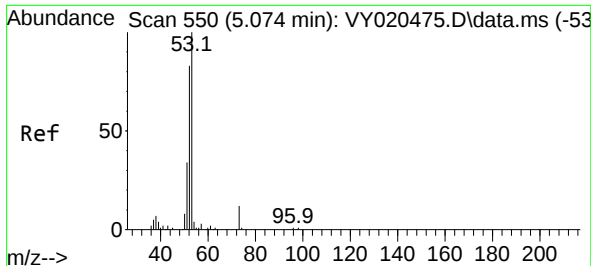
Tgt Ion: 56 Resp: 22847
Ion Ratio Lower Upper
56 100
55 72.0 57.7 86.5



#14
Allyl chloride
Concen: 48.277 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 41 Resp: 148222
Ion Ratio Lower Upper
41 100
39 68.4 58.8 88.2
76 37.5 29.7 44.5





#15

Acrylonitrile

Concen: 253.062 ug/l

RT: 5.080 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC050EC

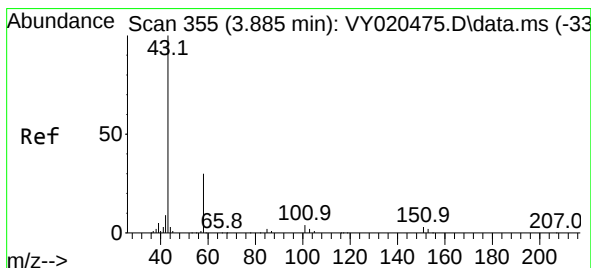
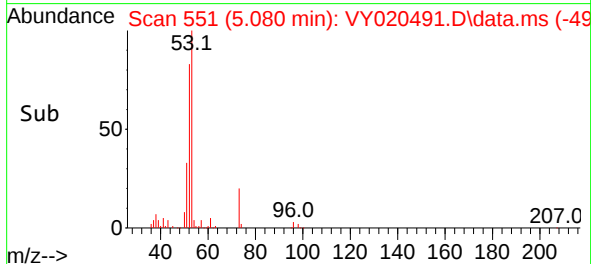
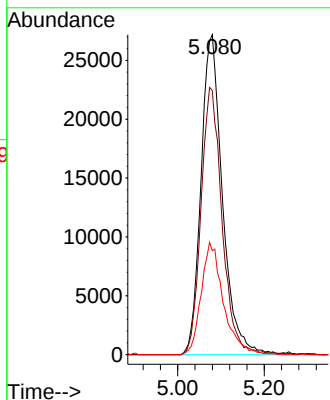
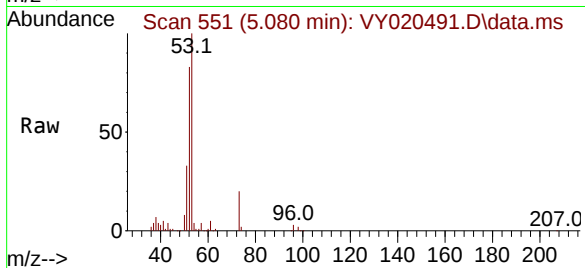
Tgt Ion: 53 Resp: 93434

Ion Ratio Lower Upper

53 100

52 81.8 65.2 97.8

51 36.5 30.2 45.4



#16

Acetone

Concen: 243.640 ug/l

RT: 3.885 min Scan# 355

Delta R.T. 0.012 min

Lab File: VY020491.D

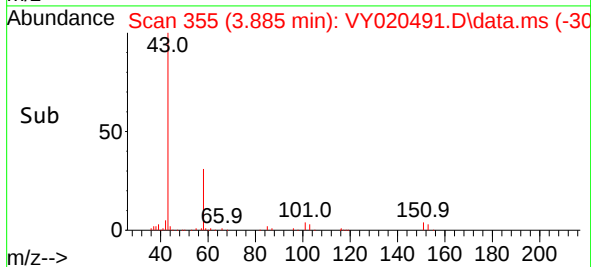
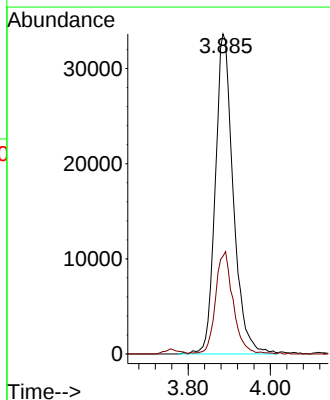
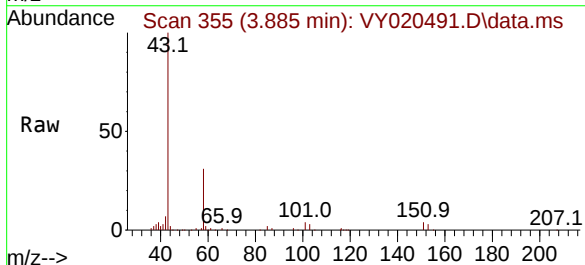
Acq: 02 Dec 2024 17:38

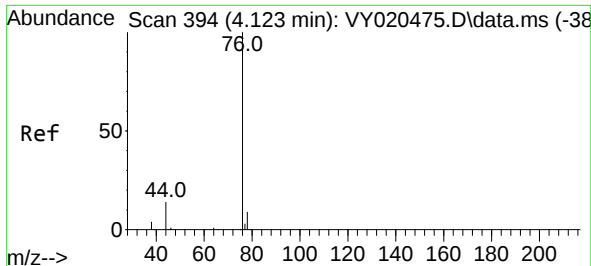
Tgt Ion: 43 Resp: 102170

Ion Ratio Lower Upper

43 100

58 30.3 25.7 38.5

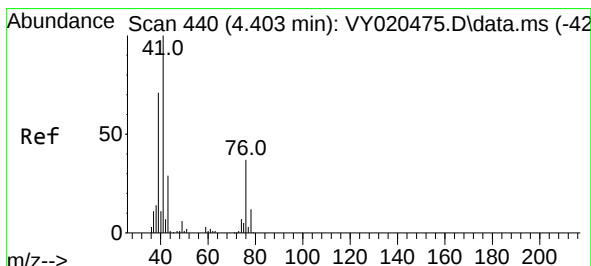
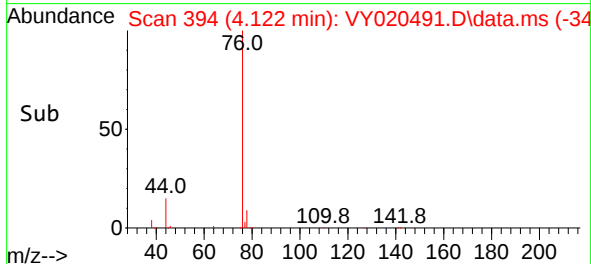
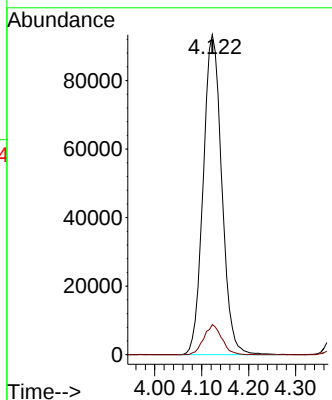
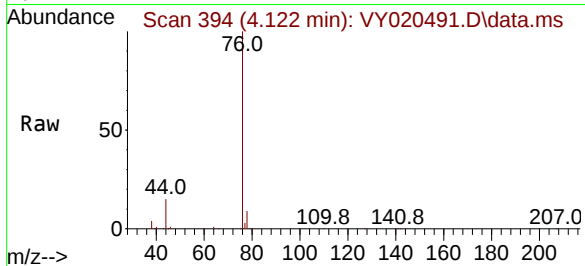




#17
Carbon Disulfide
Concen: 51.905 ug/l
RT: 4.122 min Scan# 394
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

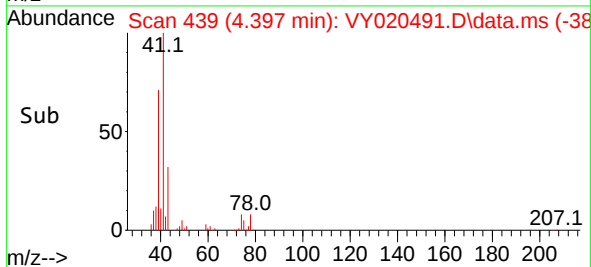
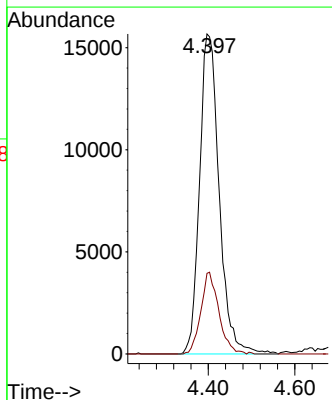
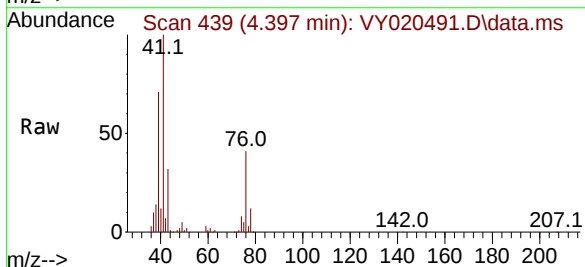
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

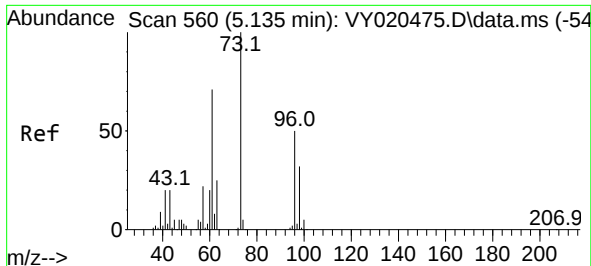
Tgt Ion: 76 Resp: 255731
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 55.254 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 43 Resp: 49247
Ion Ratio Lower Upper
43 100
74 23.4 18.6 27.8

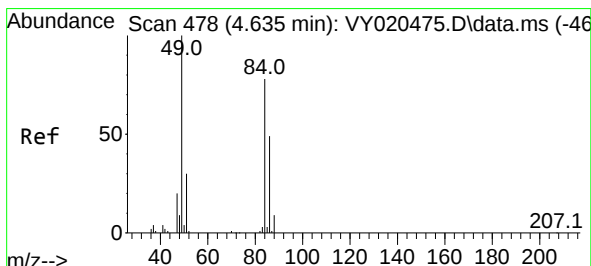
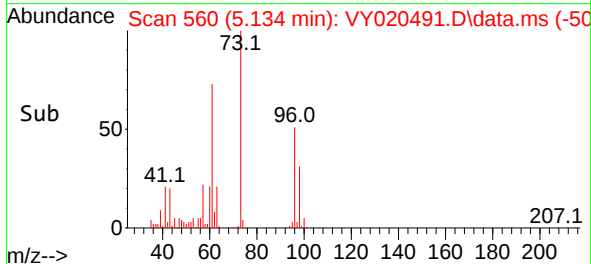
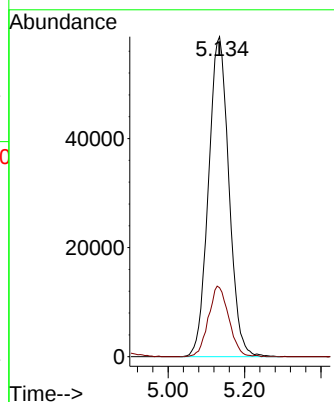
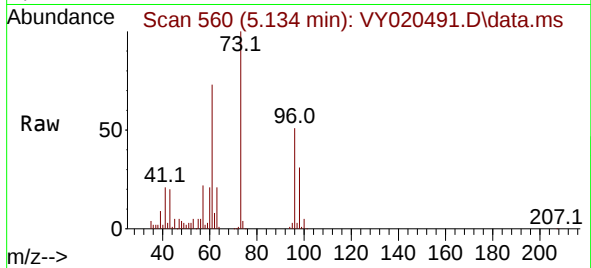




#19
Methyl tert-butyl Ether
Concen: 49.527 ug/l
RT: 5.134 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

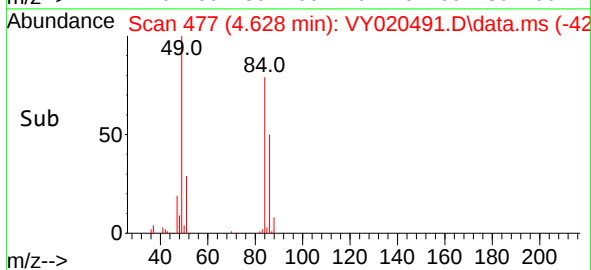
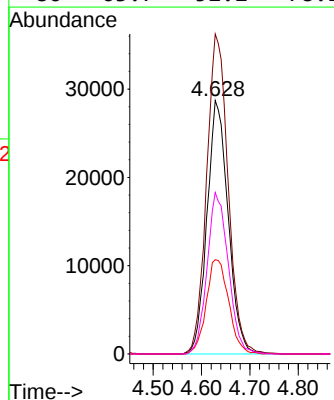
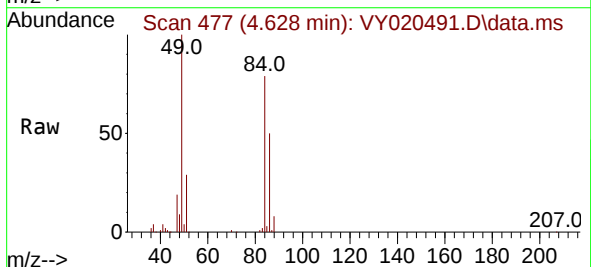
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

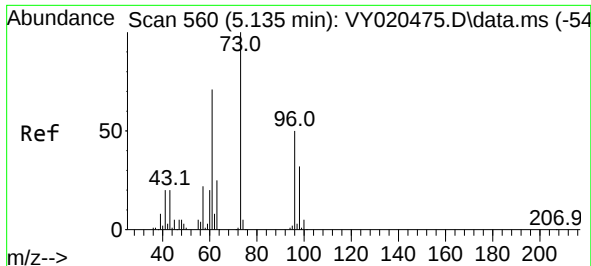
Tgt Ion: 73 Resp: 217731
Ion Ratio Lower Upper
73 100
57 21.6 18.0 27.0



#20
Methylene Chloride
Concen: 48.917 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 84 Resp: 87262
Ion Ratio Lower Upper
84 100
49 126.3 104.7 157.1
51 37.2 33.4 50.0
86 63.7 52.2 78.2

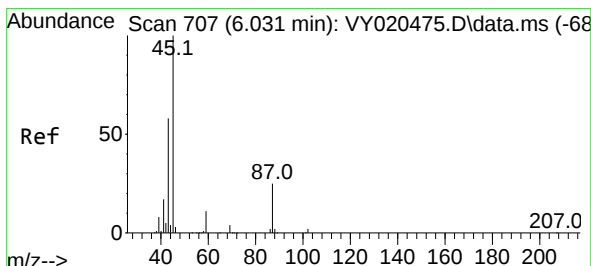
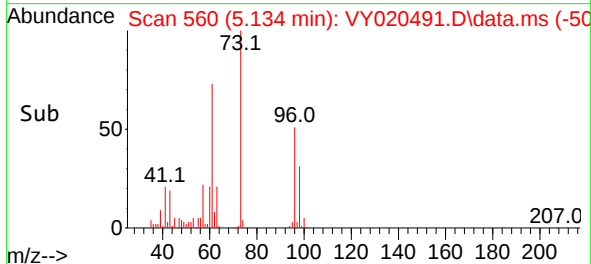
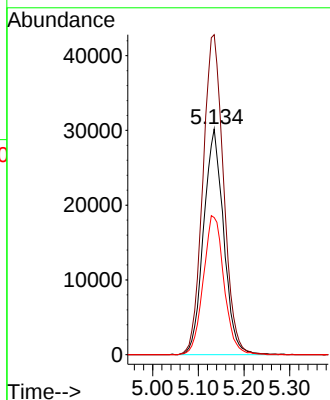
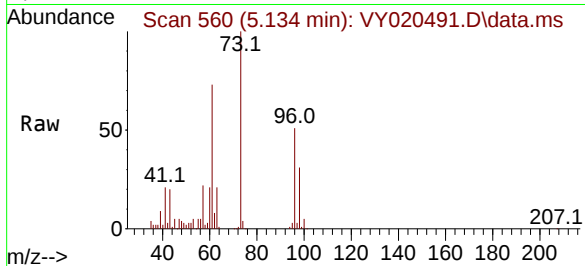




#21
trans-1,2-Dichloroethene
Concen: 48.178 ug/l
RT: 5.134 min Scan# 560
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

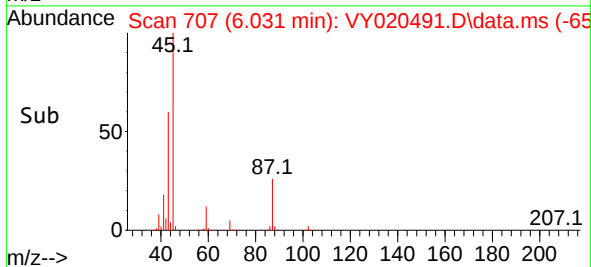
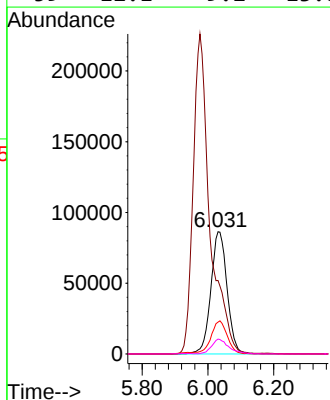
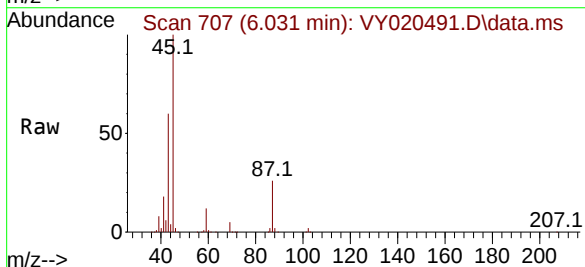
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

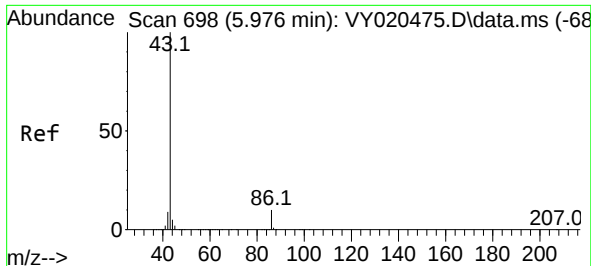
Tgt Ion: 96 Resp: 92116
Ion Ratio Lower Upper
96 100
61 141.7 111.6 167.4
98 60.8 46.7 70.1



#22
Diisopropyl ether
Concen: 48.404 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 45 Resp: 295518
Ion Ratio Lower Upper
45 100
43 59.9 44.8 67.2
87 26.1 20.6 30.8
59 12.1 9.2 13.8

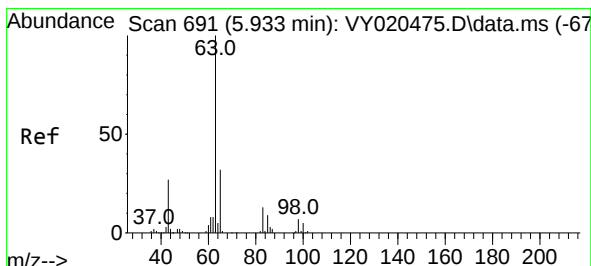
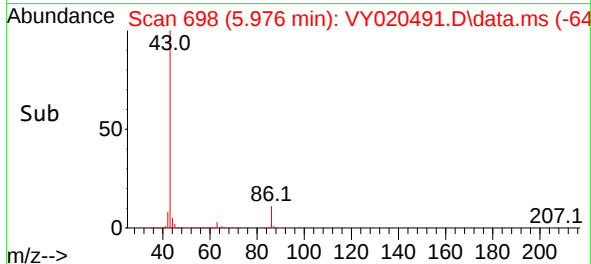
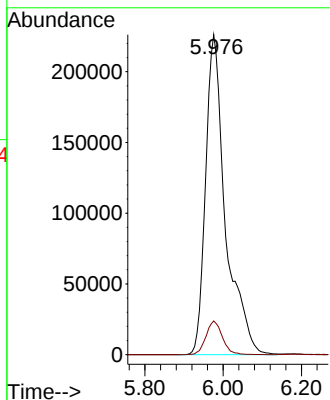
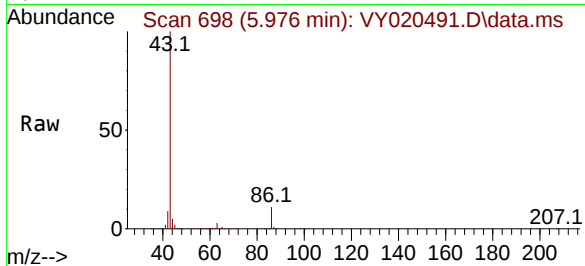




#23
 Vinyl Acetate
 Concen: 246.541 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.012 min
 Lab File: VY020491.D
 Acq: 02 Dec 2024 17:38

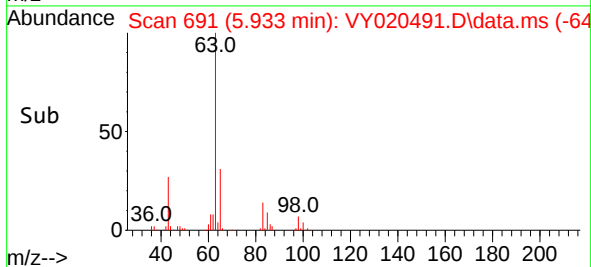
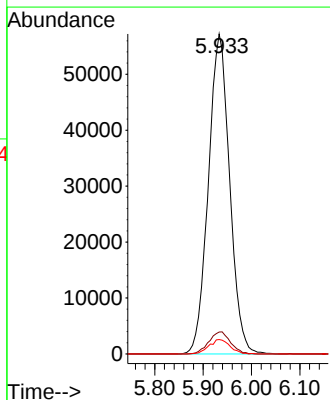
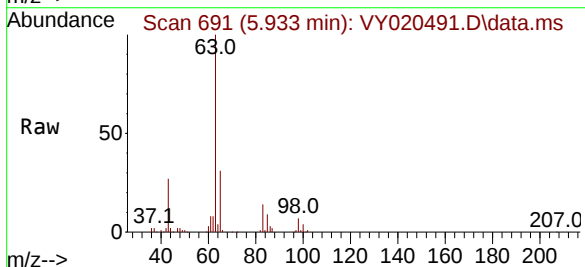
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

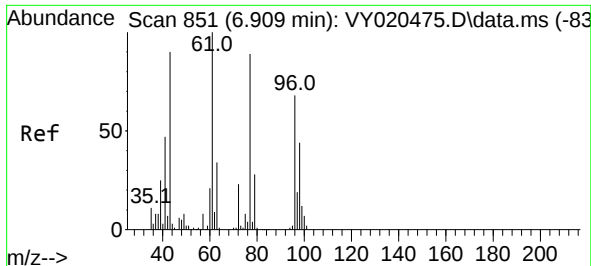
Tgt Ion: 43 Resp: 796139
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 47.565 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY020491.D
 Acq: 02 Dec 2024 17:38

Tgt Ion: 63 Resp: 174828
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.5 2.0 5.8

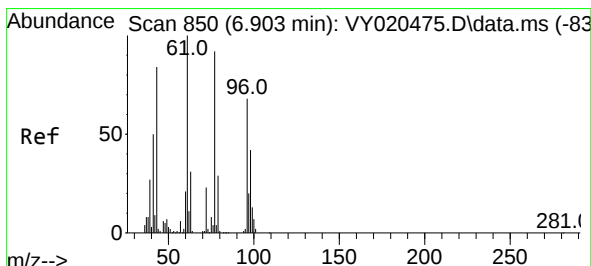
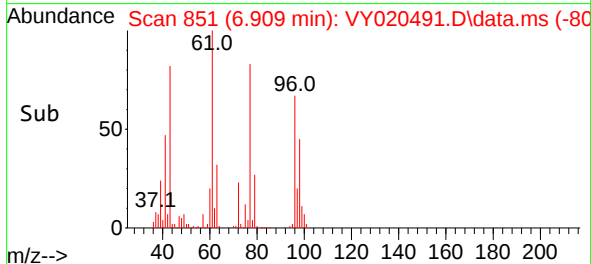
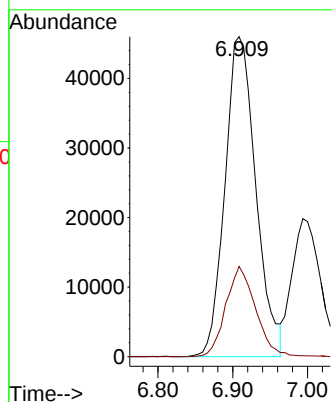
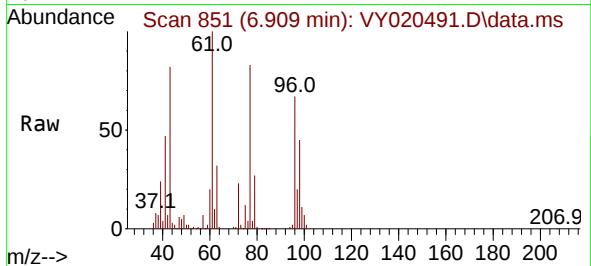




#25
2-Butanone
Concen: 250.291 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

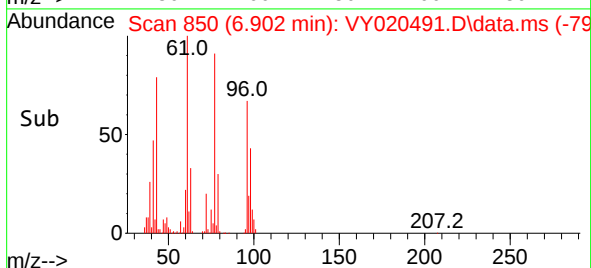
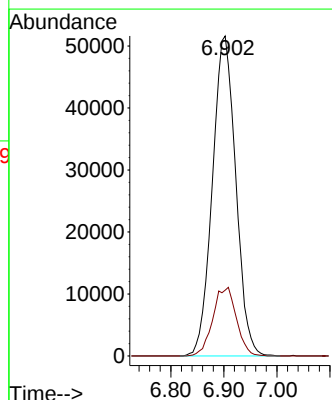
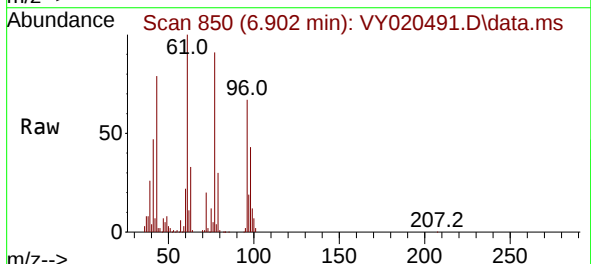
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

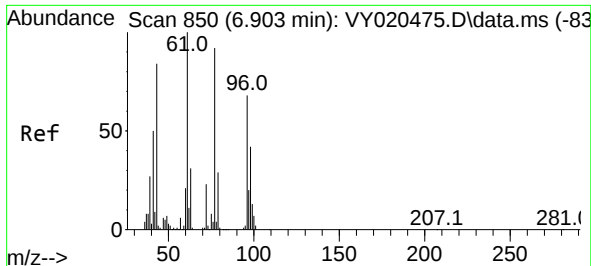
Tgt Ion: 43 Resp: 132536
Ion Ratio Lower Upper
43 100
72 28.2 20.4 30.6



#26
2,2-Dichloropropane
Concen: 45.479 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.018 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 77 Resp: 158106
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 48.187 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

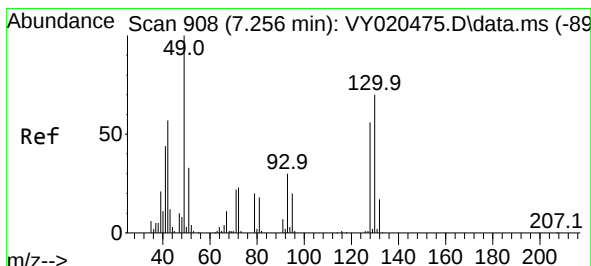
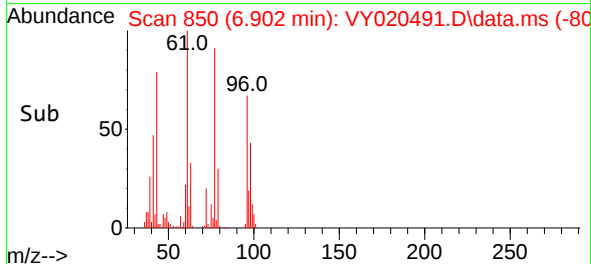
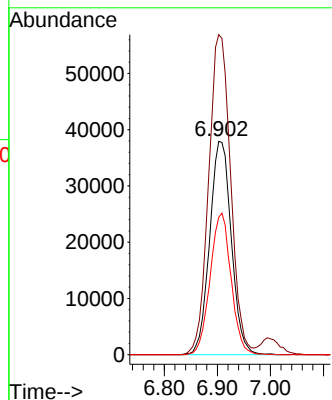
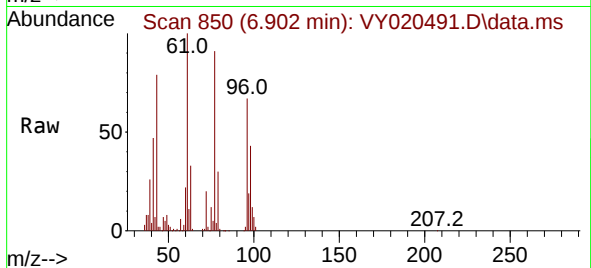
Tgt Ion: 96 Resp: 107582

Ion Ratio Lower Upper

96 100

61 152.2 0.0 312.4

98 64.2 0.0 126.8



#28

Bromochloromethane

Concen: 48.868 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.018 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

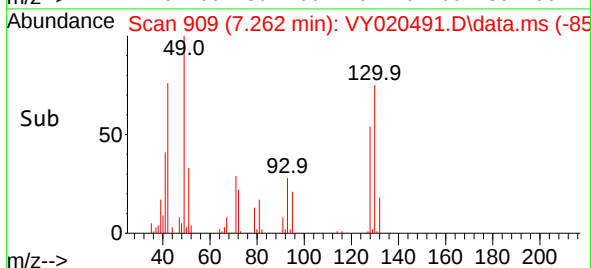
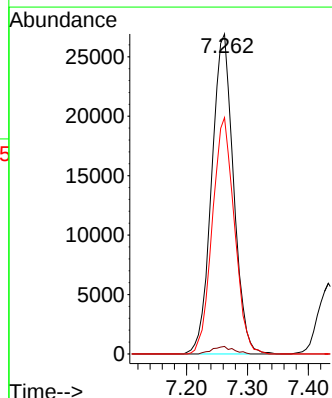
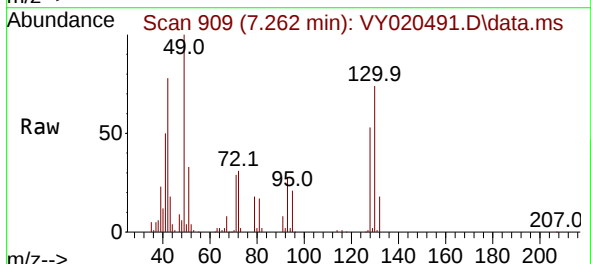
Tgt Ion: 49 Resp: 67075

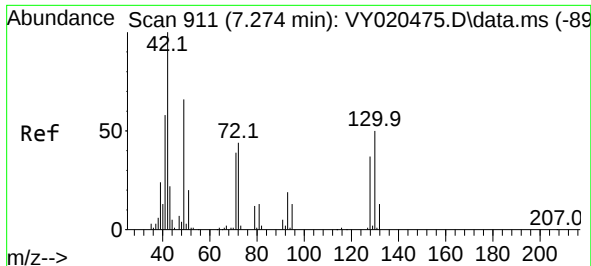
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.0

130 74.6 55.0 82.6





#29

Tetrahydrofuran

Concen: 254.353 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

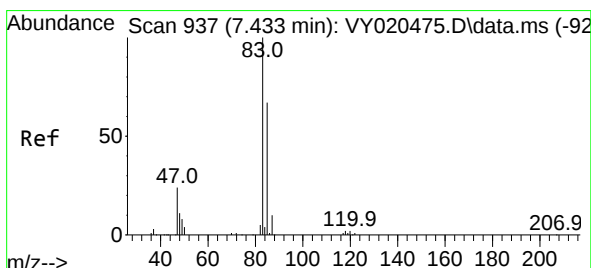
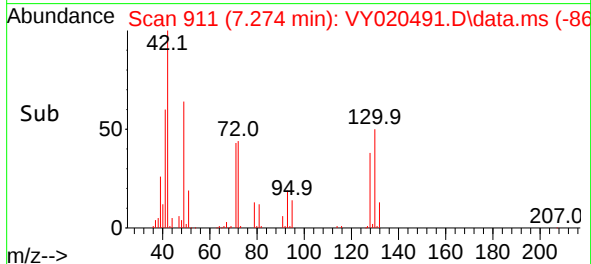
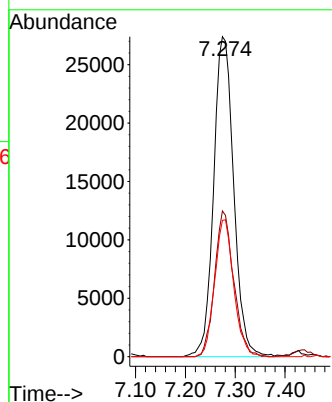
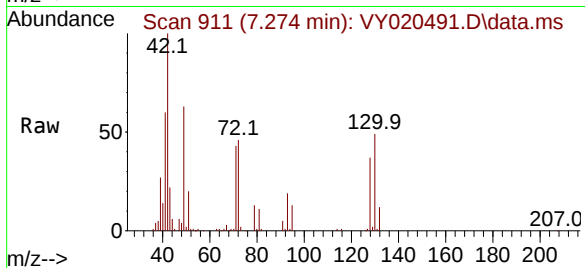
Tgt Ion: 42 Resp: 76837

Ion Ratio Lower Upper

42 100

72 43.2 33.4 50.0

71 40.6 31.9 47.9



#30

Chloroform

Concen: 47.066 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY020491.D

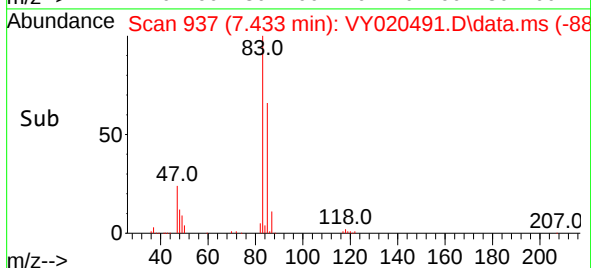
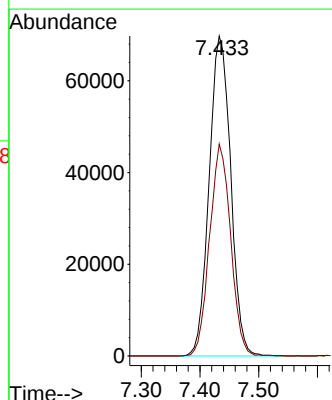
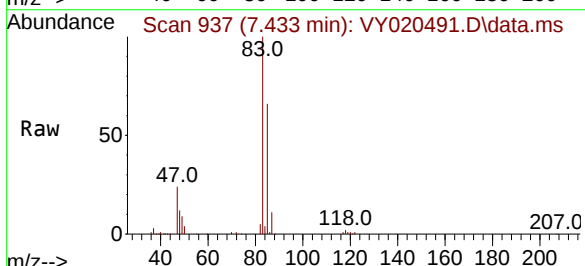
Acq: 02 Dec 2024 17:38

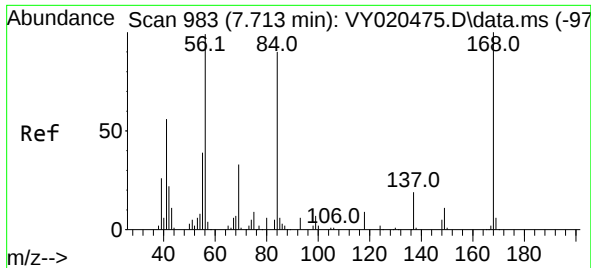
Tgt Ion: 83 Resp: 177545

Ion Ratio Lower Upper

83 100

85 66.3 50.3 75.5

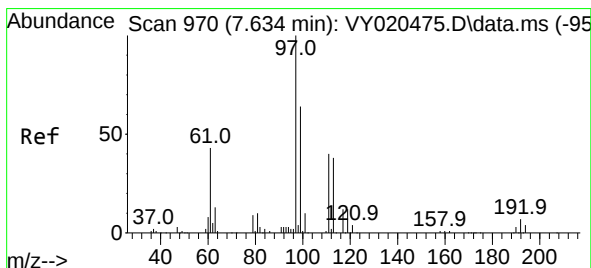
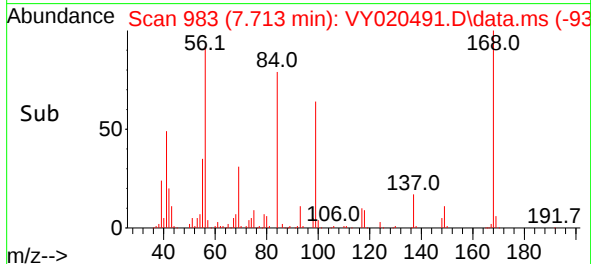
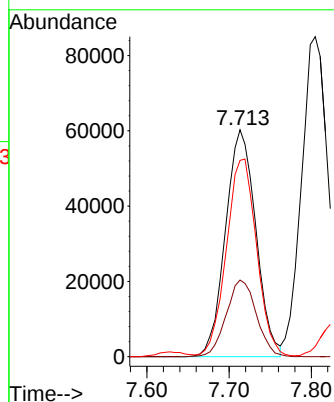
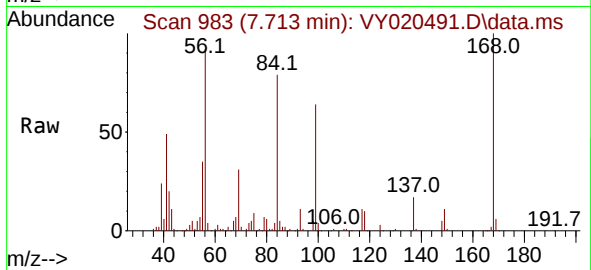




#31
Cyclohexane
Concen: 46.594 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

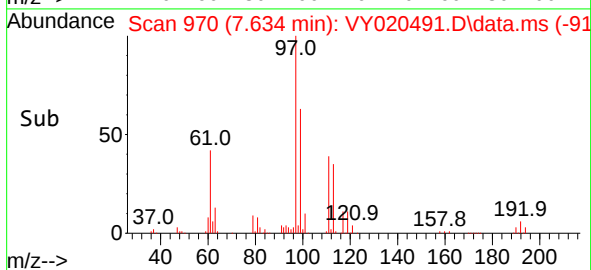
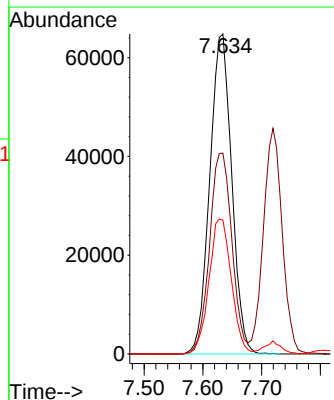
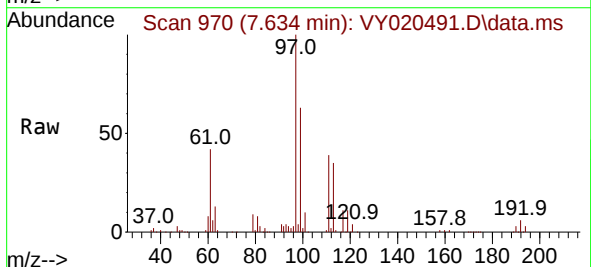
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

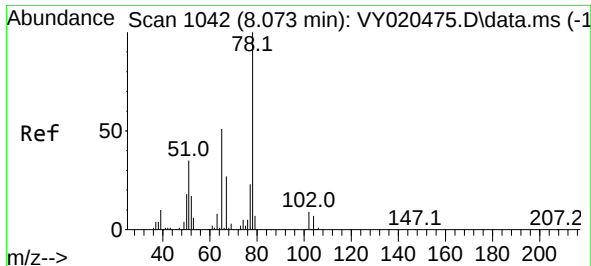
Tgt Ion: 56 Resp: 154827
Ion Ratio Lower Upper
56 100
69 33.8 25.3 37.9
84 84.6 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 46.223 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 97 Resp: 167899
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 43.0 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 50.864 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

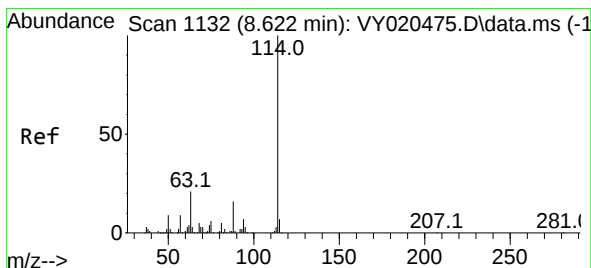
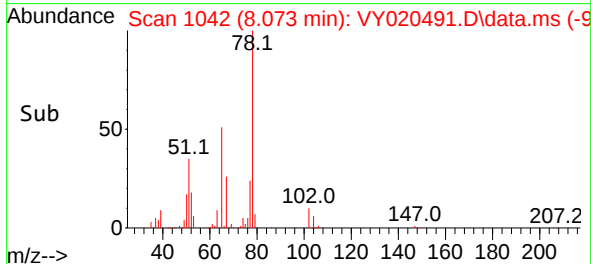
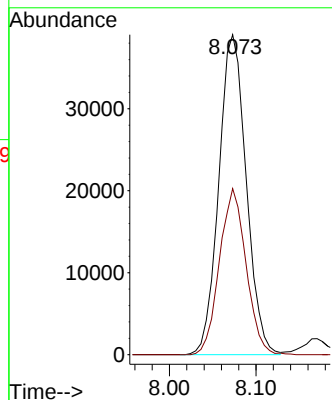
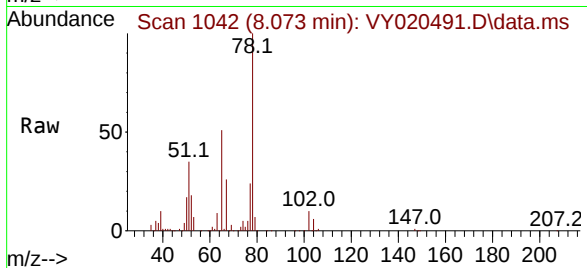
VSTDCCC050EC

Tgt Ion: 65 Resp: 85783

Ion Ratio Lower Upper

65 100

67 50.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.012 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

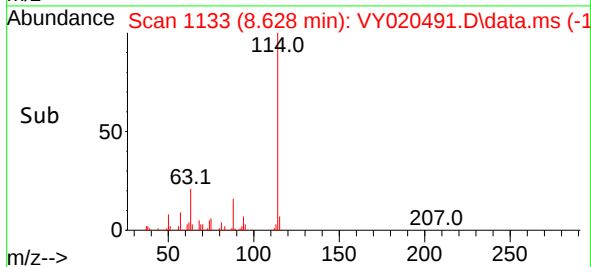
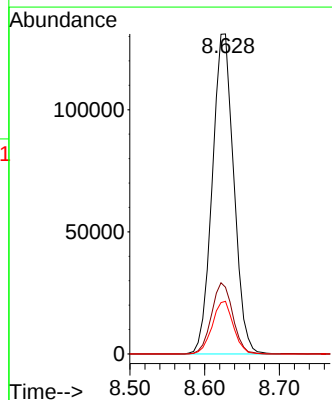
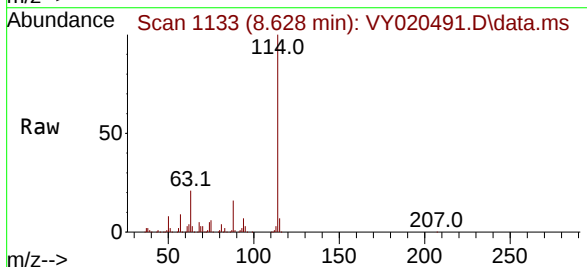
Tgt Ion: 114 Resp: 262421

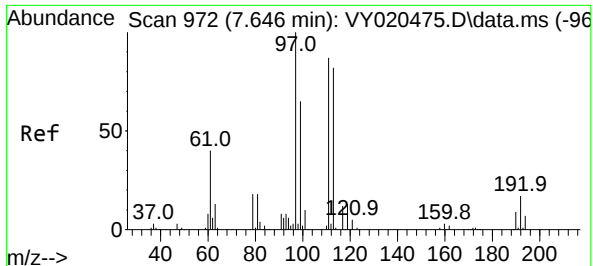
Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.8

88 16.5 0.0 32.0

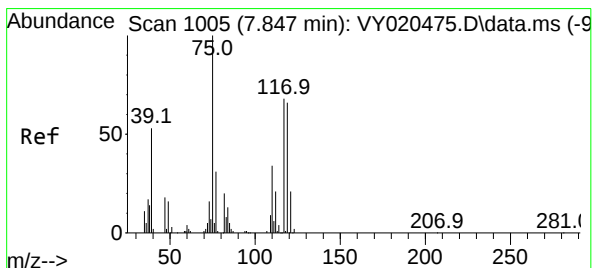
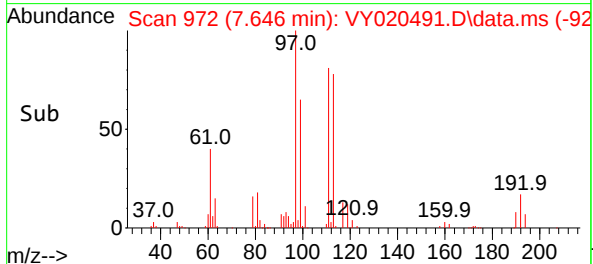
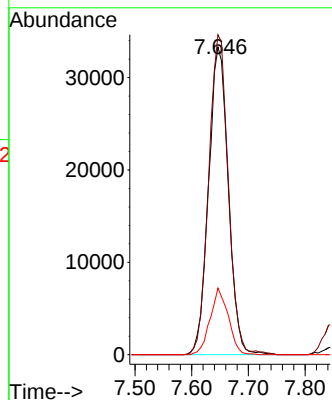
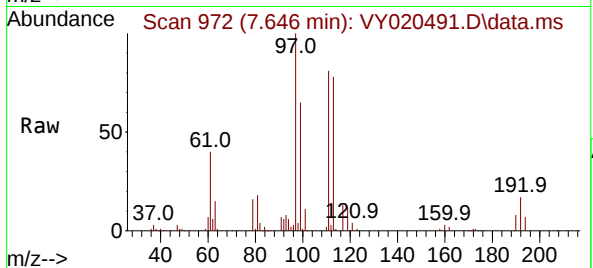




#35
Dibromofluoromethane
Concen: 48.799 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

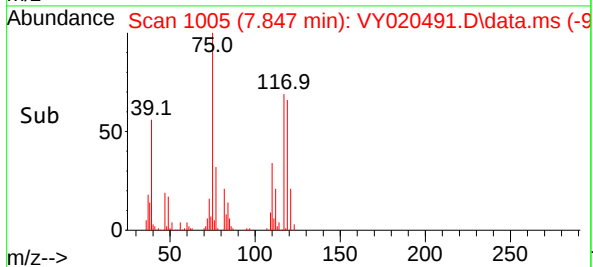
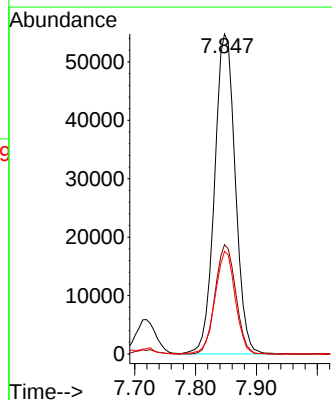
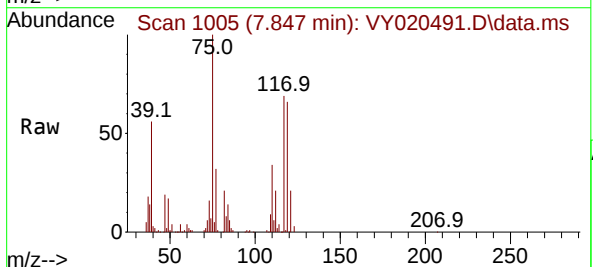
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

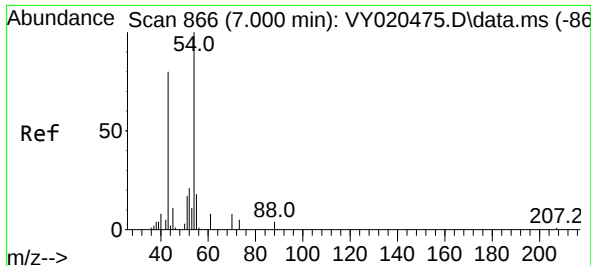
Tgt Ion:113 Resp: 80619
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 19.9 15.1 22.7



#36
1,1-Dichloropropene
Concen: 46.428 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 75 Resp: 129528
Ion Ratio Lower Upper
75 100
110 33.8 16.7 50.0
77 31.5 24.6 36.8

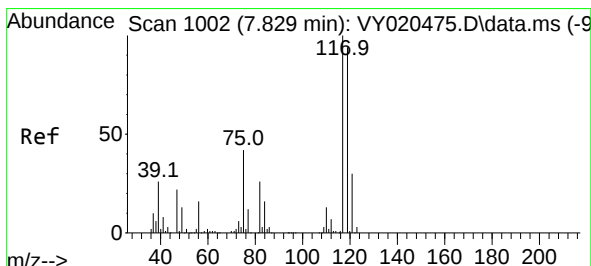
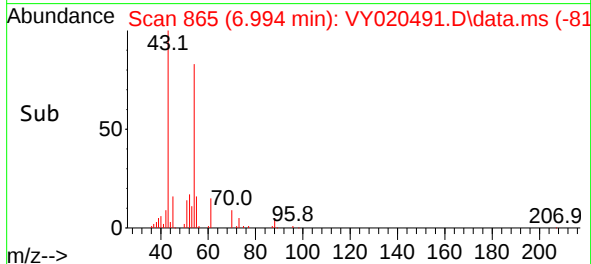
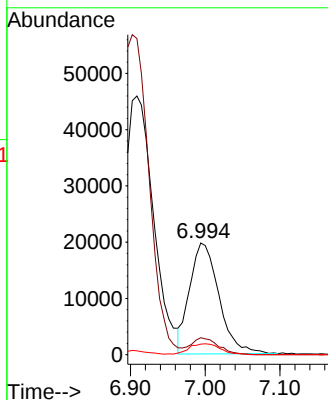
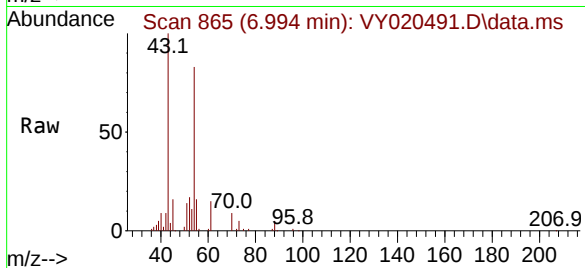




#37
Ethyl Acetate
Concen: 48.618 ug/l
RT: 6.994 min Scan# 865
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

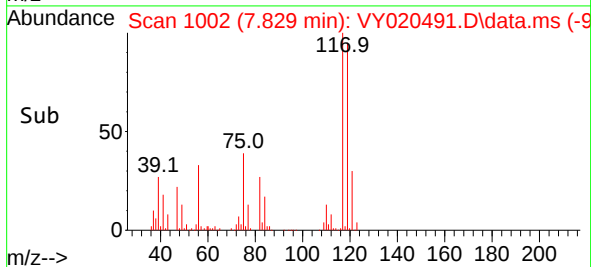
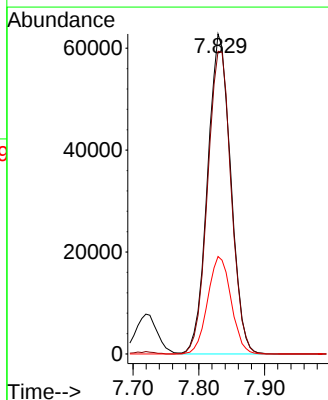
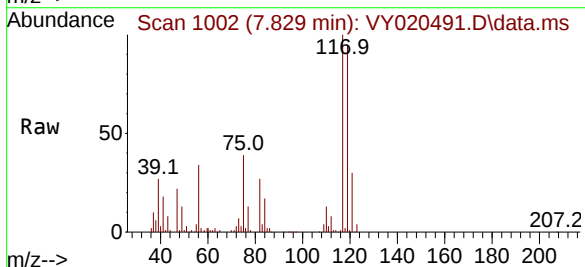
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

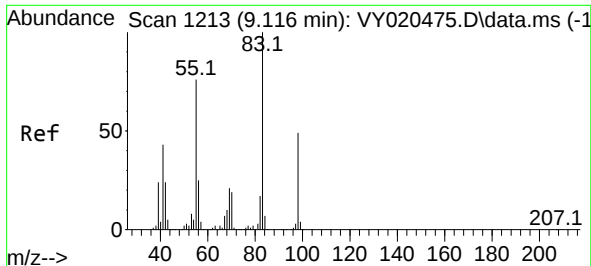
Tgt Ion: 43 Resp: 53736
Ion Ratio Lower Upper
43 100
61 14.2 10.7 16.1
70 10.6 7.3 10.9



#38
Carbon Tetrachloride
Concen: 46.258 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 117 Resp: 154024
Ion Ratio Lower Upper
117 100
119 94.6 77.8 116.6
121 30.4 24.6 37.0





#39

Methylcyclohexane

Concen: 47.448 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

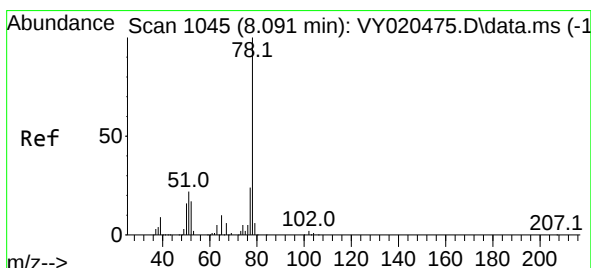
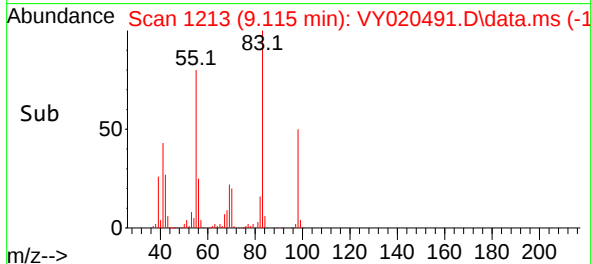
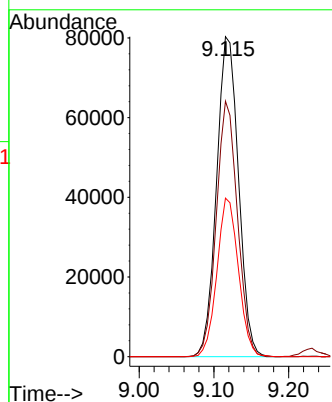
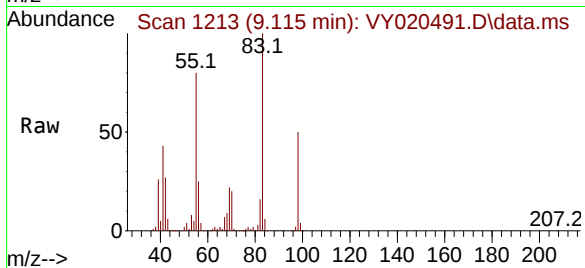
Tgt Ion: 83 Resp: 164261

Ion Ratio Lower Upper

83 100

55 79.9 62.6 93.8

98 49.5 37.0 55.4



#40

Benzene

Concen: 46.974 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.012 min

Lab File: VY020491.D

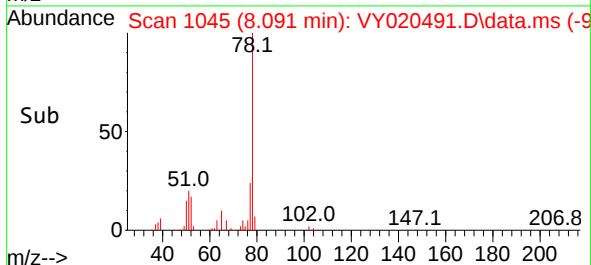
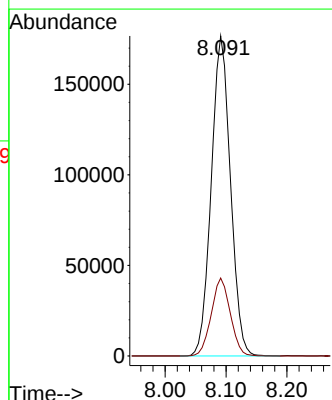
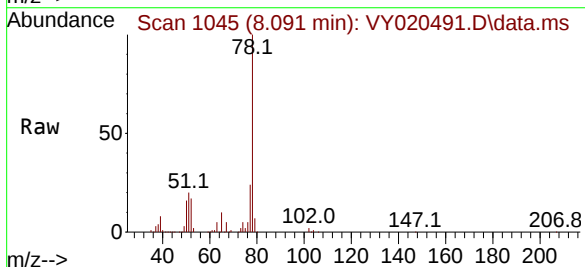
Acq: 02 Dec 2024 17:38

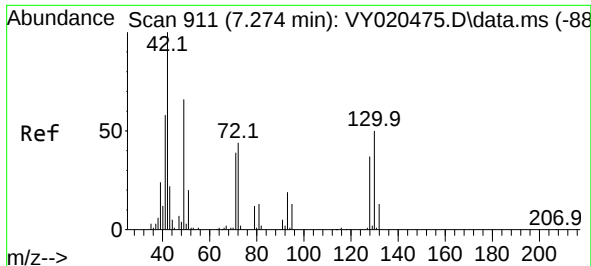
Tgt Ion: 78 Resp: 386394

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.0

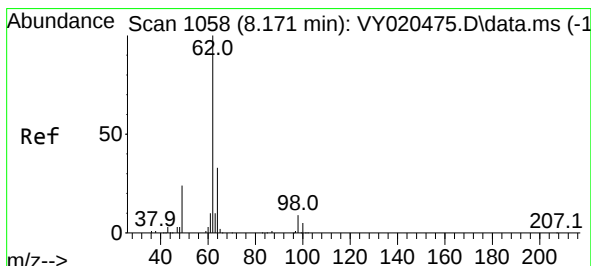
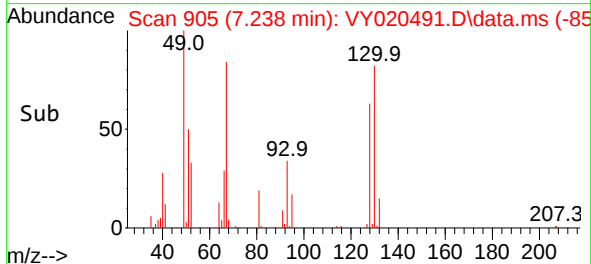
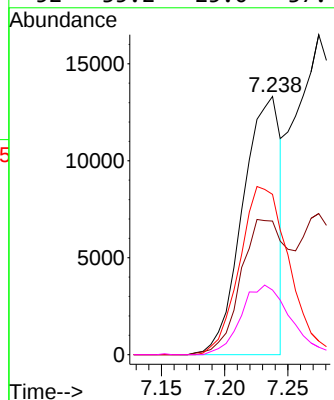
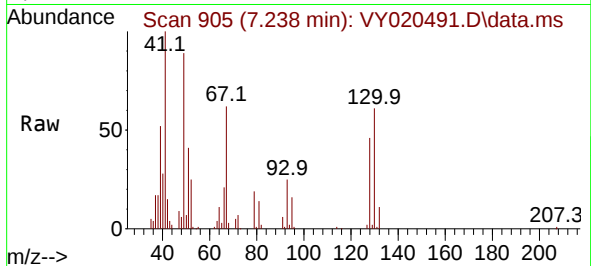




#41
Methacrylonitrile
Concen: 43.954 ug/l
RT: 7.238 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

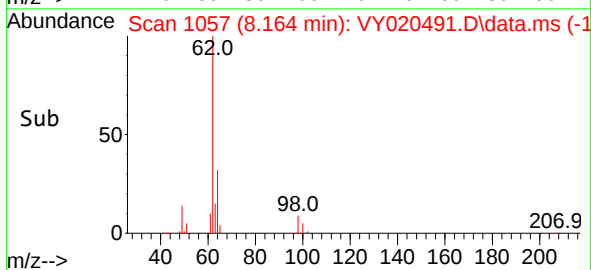
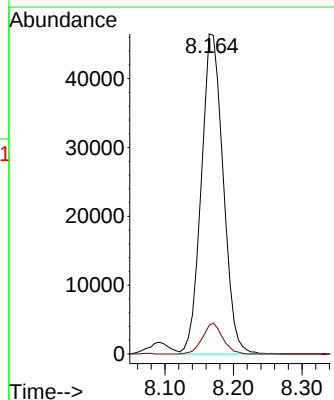
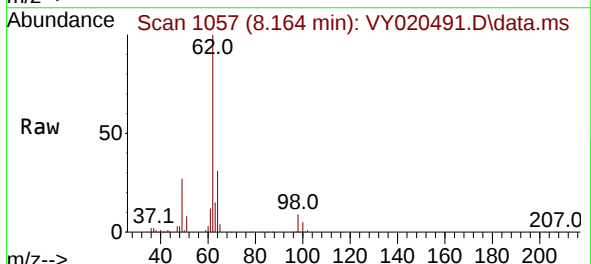
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

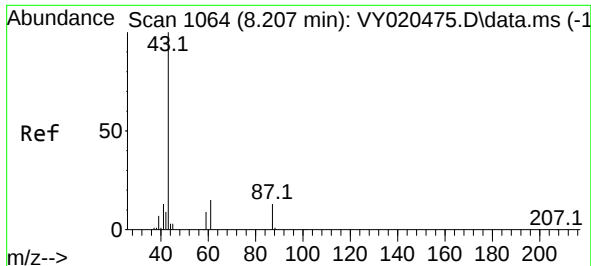
Tgt Ion: 41	Resp: 27617
Ion Ratio	Lower Upper
41 100	
39 68.8	49.0 73.4
67 85.9	57.1 85.7#
52 35.2	25.0 37.4



#42
1,2-Dichloroethane
Concen: 47.854 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 62	Resp: 103431
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 18.0

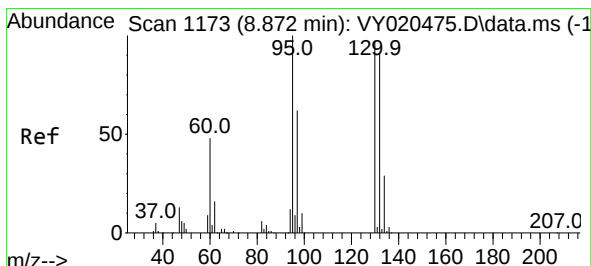
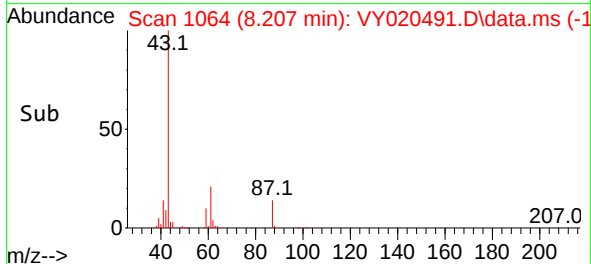
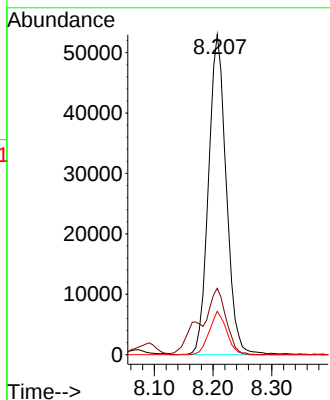
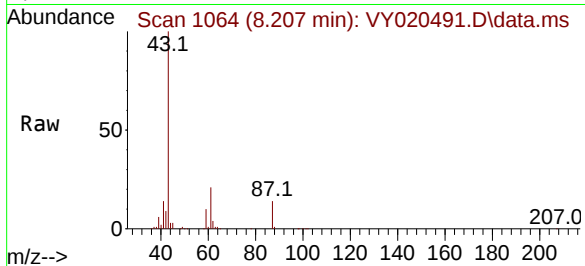




#43
Isopropyl Acetate
Concen: 49.698 ug/l
RT: 8.207 min Scan# 1109
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

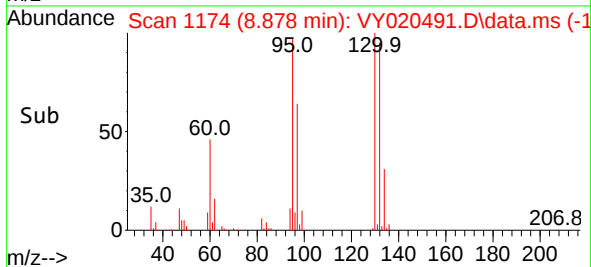
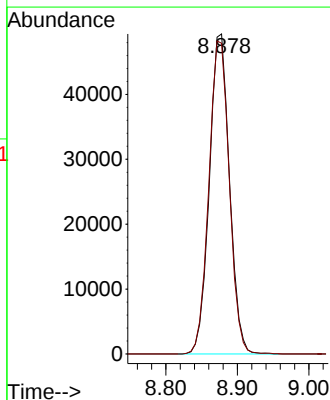
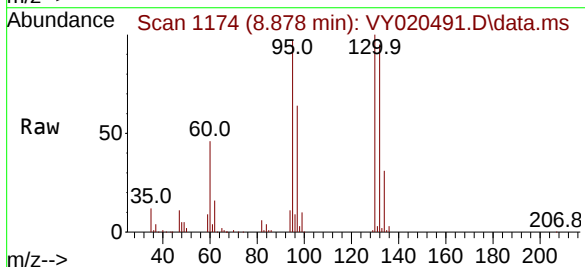
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

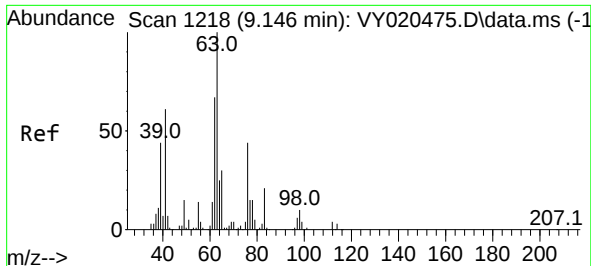
Tgt Ion: 43 Resp: 110919
Ion Ratio Lower Upper
43 100
61 20.3 22.8 34.2#
87 13.2 9.6 14.4



#44
Trichloroethene
Concen: 47.515 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 130 Resp: 96351
Ion Ratio Lower Upper
130 100
95 97.1 0.0 204.8





#45

1,2-Dichloropropane

Concen: 45.775 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.012 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

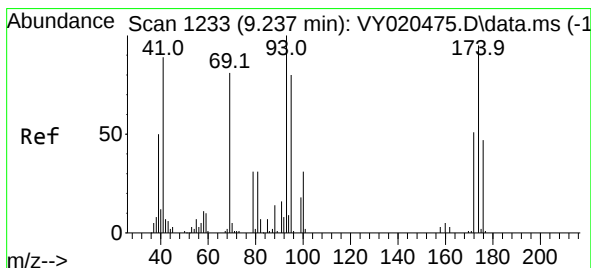
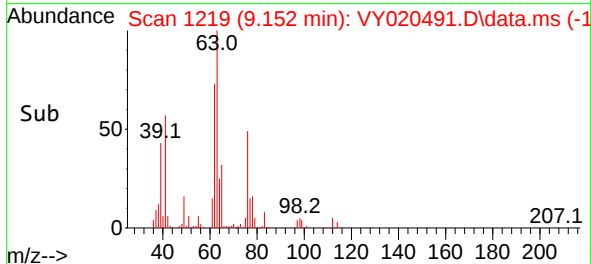
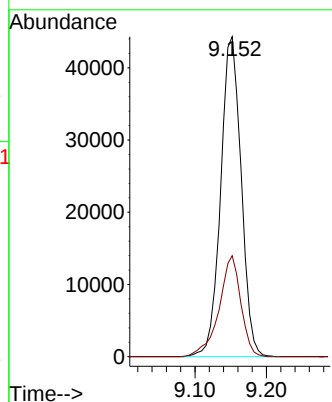
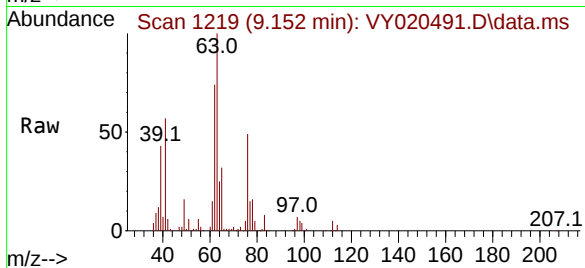
VSTDCCC050EC

Tgt Ion: 63 Resp: 88111

Ion Ratio Lower Upper

63 100

65 31.5 24.2 36.4



#46

Dibromomethane

Concen: 48.713 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.012 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

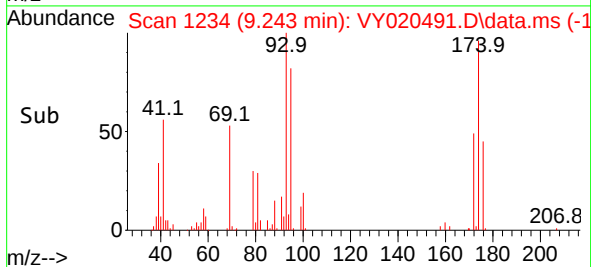
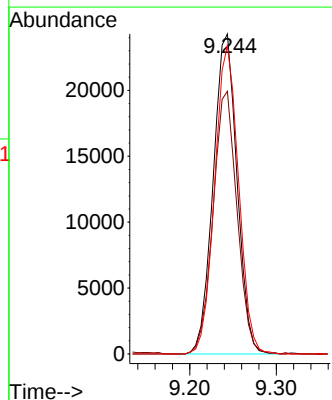
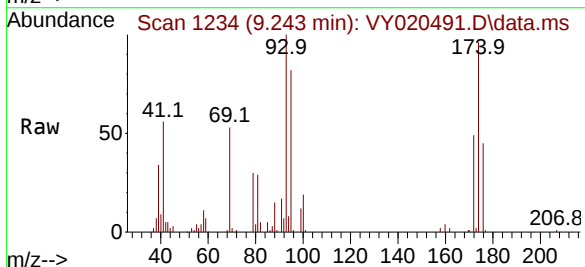
Tgt Ion: 93 Resp: 46425

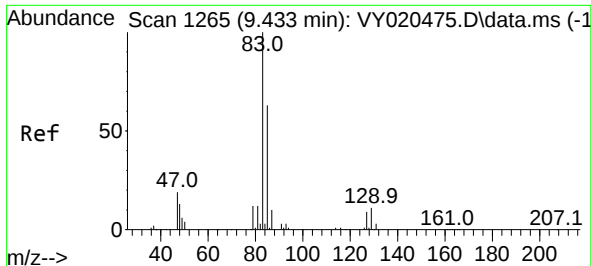
Ion Ratio Lower Upper

93 100

95 82.5 65.3 97.9

174 96.6 74.4 111.6

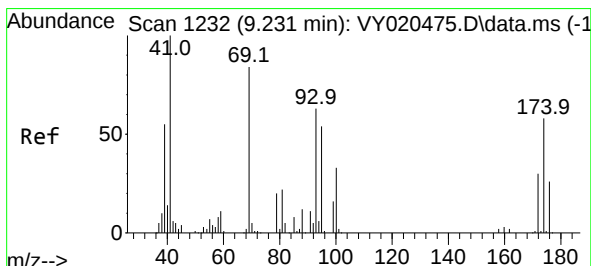
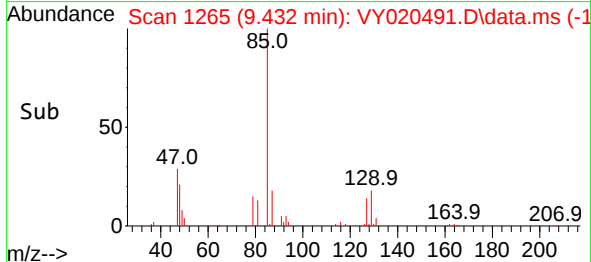
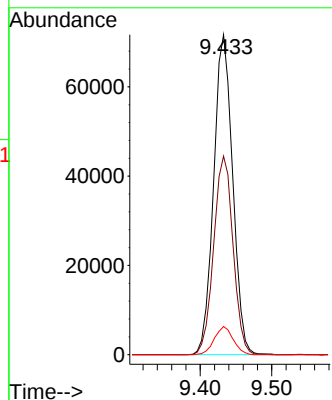
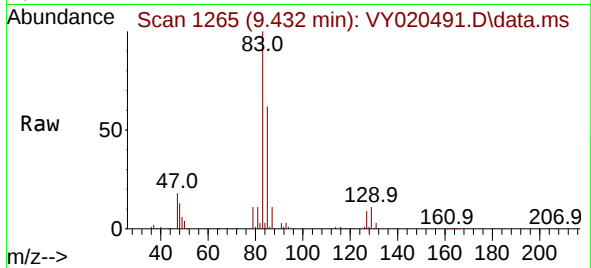




#47
Bromodichloromethane
Concen: 47.148 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

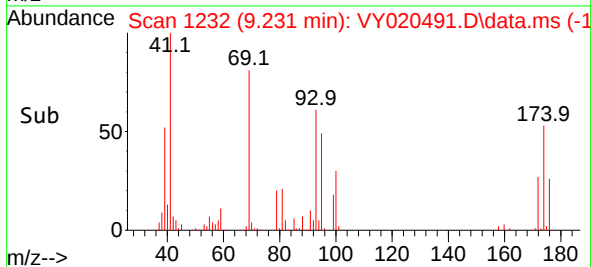
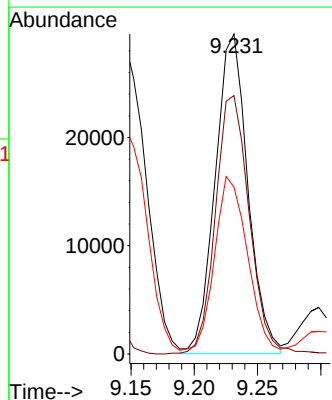
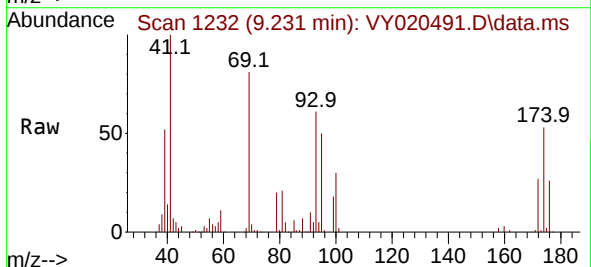
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

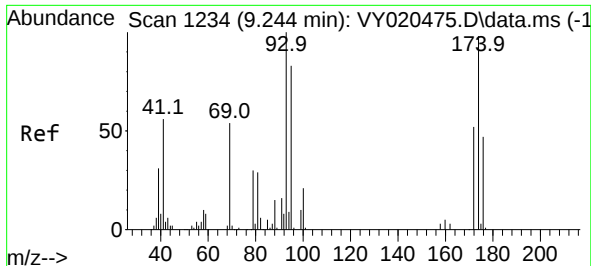
Tgt Ion: 83 Resp: 132387
Ion Ratio Lower Upper
83 100
85 62.0 51.4 77.2
127 8.8 6.3 9.5



#48
Methyl methacrylate
Concen: 51.011 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 41 Resp: 53090
Ion Ratio Lower Upper
41 100
69 83.8 66.1 99.1
39 54.1 46.0 69.0





#49

1,4-Dioxane

Concen: 1041.088 ug/l

RT: 9.243 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

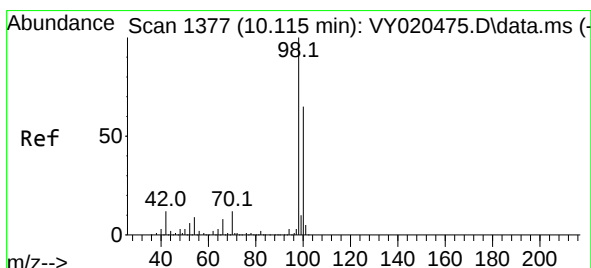
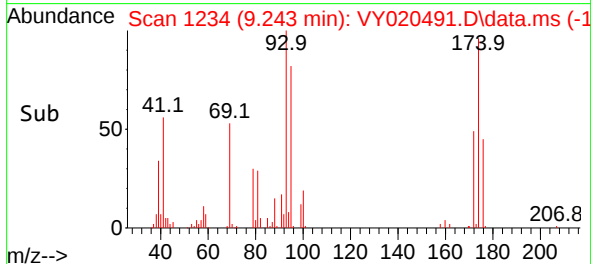
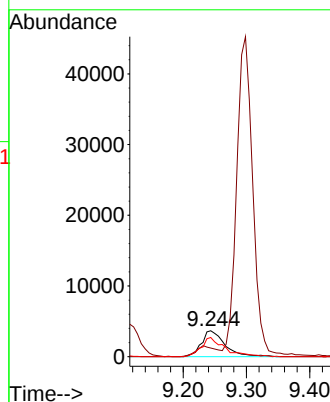
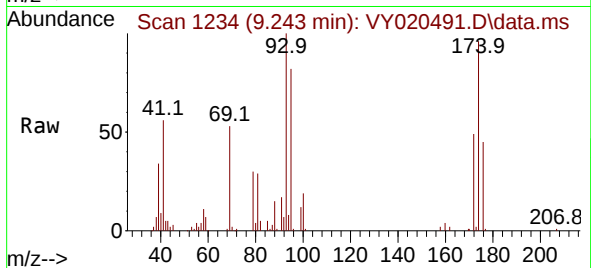
Tgt Ion: 88 Resp: 9484

Ion Ratio Lower Upper

88 100

43 37.3 24.6 37.0#

58 74.7 59.6 89.4



#50

Toluene-d8

Concen: 49.174 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020491.D

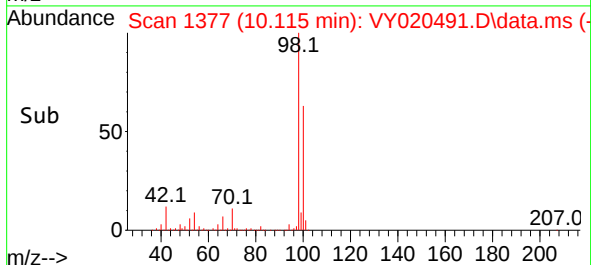
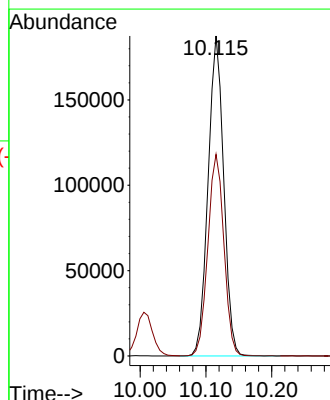
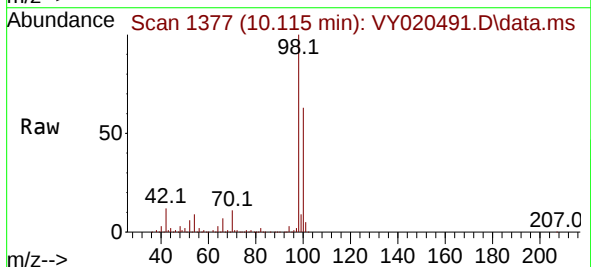
Acq: 02 Dec 2024 17:38

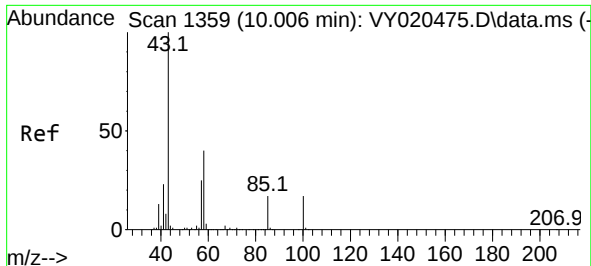
Tgt Ion: 98 Resp: 309345

Ion Ratio Lower Upper

98 100

100 64.8 51.3 76.9

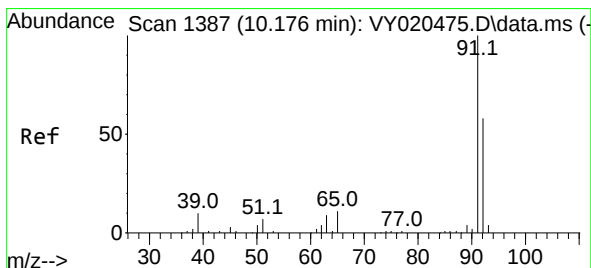
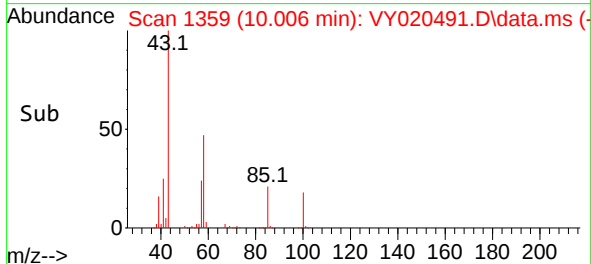
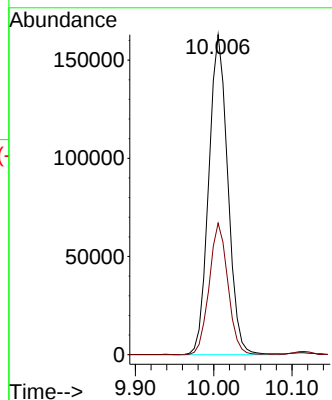
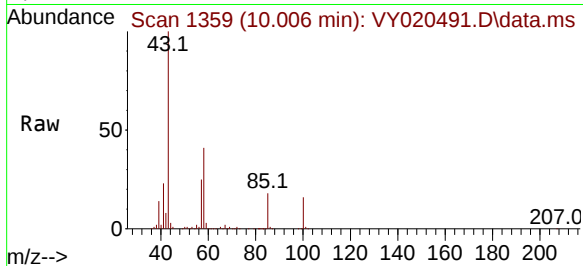




#51
4-Methyl-2-Pentanone
Concen: 249.895 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

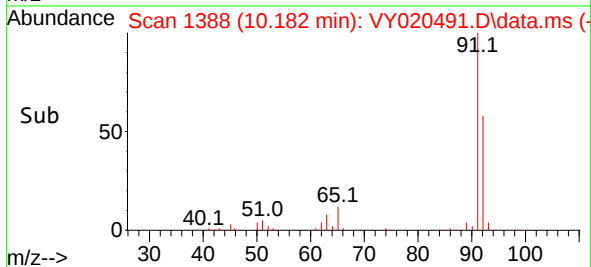
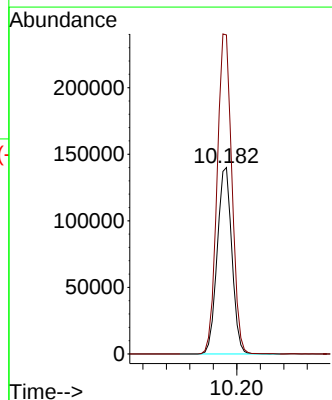
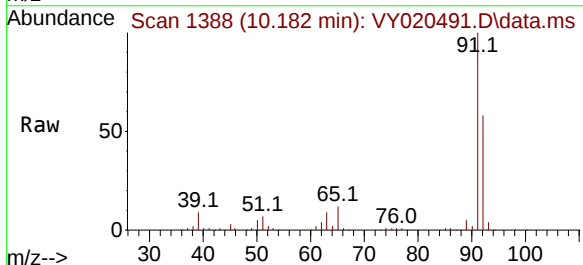
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

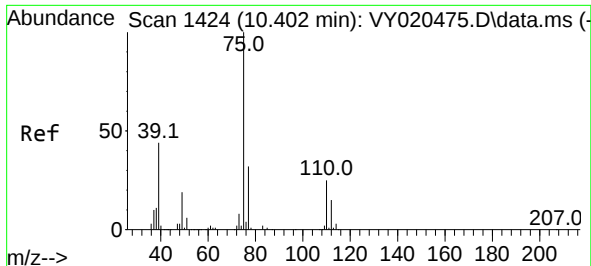
Tgt Ion: 43 Resp: 275435
Ion Ratio Lower Upper
43 100
58 40.4 30.9 46.3



#52
Toluene
Concen: 47.103 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 92 Resp: 241735
Ion Ratio Lower Upper
92 100
91 173.3 139.7 209.5

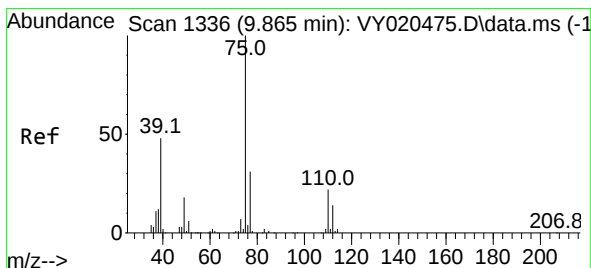
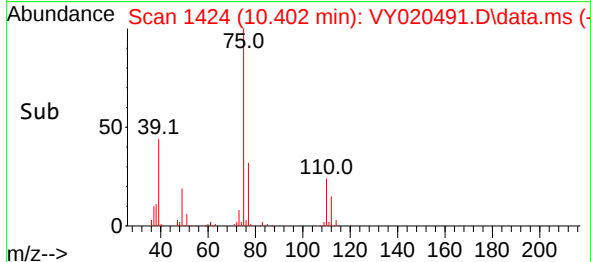
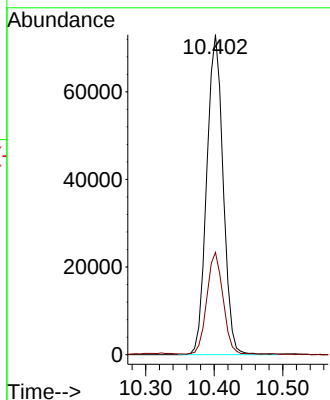
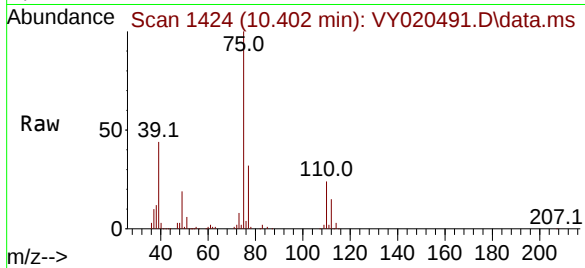




#53
t-1,3-Dichloropropene
Concen: 48.305 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

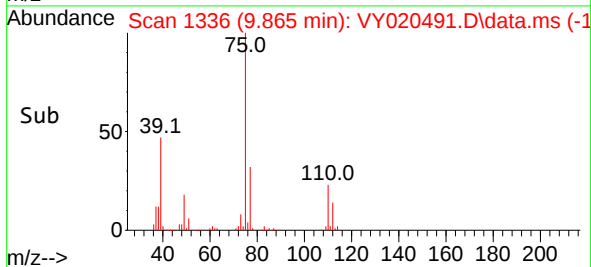
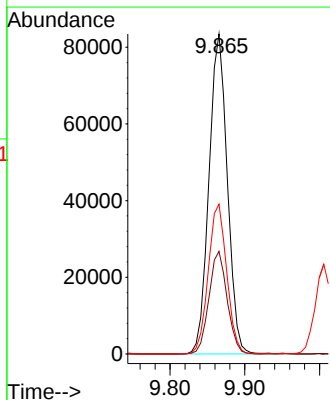
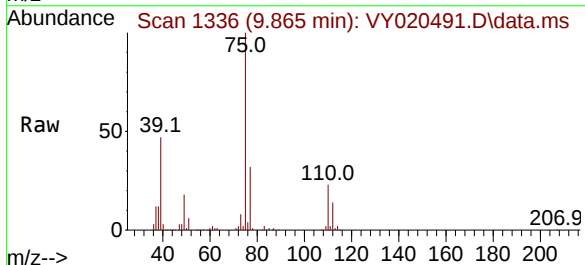
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

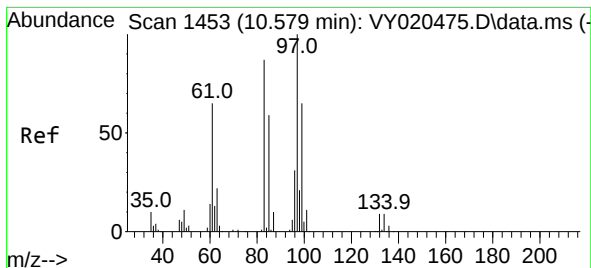
Tgt Ion: 75 Resp: 121772
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 47.883 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 75 Resp: 142654
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4
39 46.8 41.0 61.6

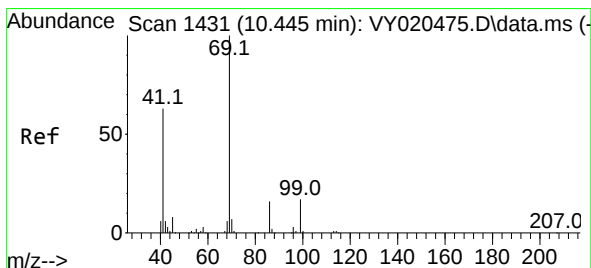
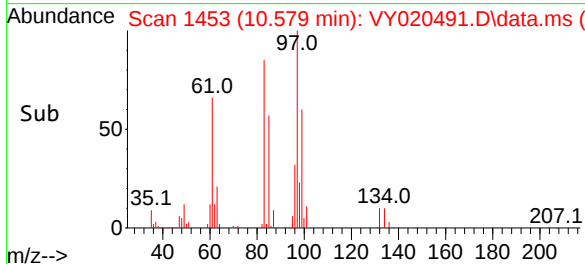
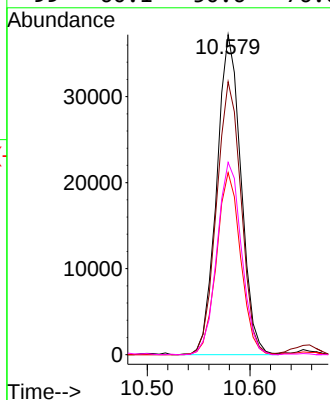
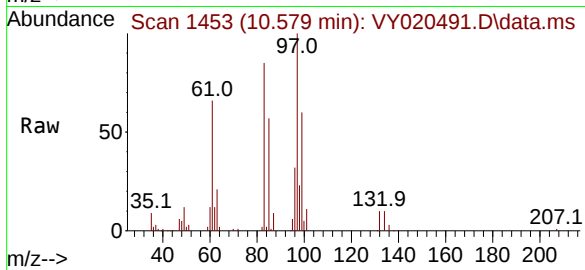




#55
1,1,2-Trichloroethane
Concen: 47.941 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

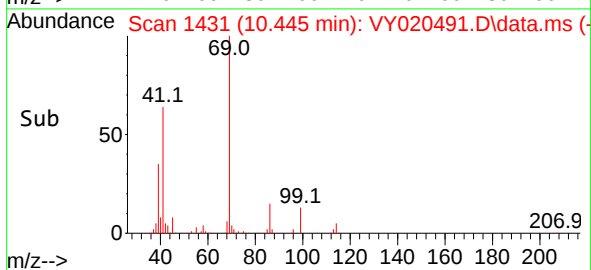
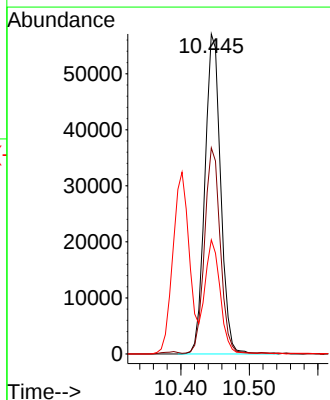
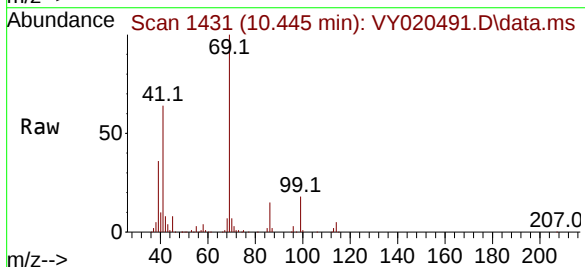
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

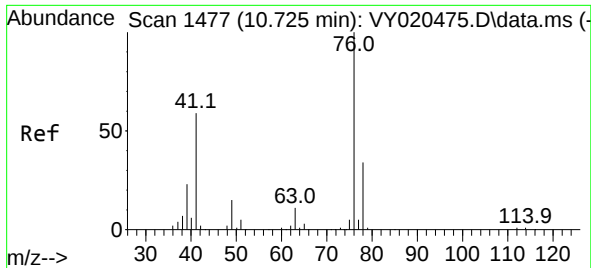
Tgt Ion: 97	Resp: 60948
Ion Ratio	Lower Upper
97 100	
83 85.3	70.8 106.2
85 56.9	44.9 67.3
99 60.1	50.6 76.0



#56
Ethyl methacrylate
Concen: 50.755 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 69		Resp: 91300	
Ion	Ratio	Lower	Upper
69	100		
41	63.7	56.1	84.1
39	33.5	29.7	44.5

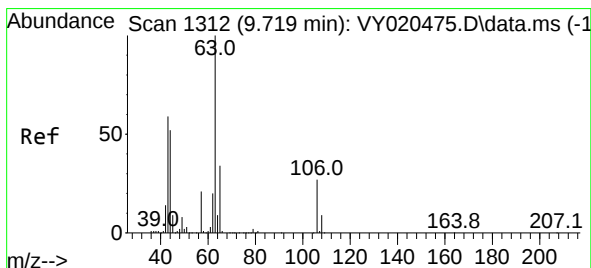
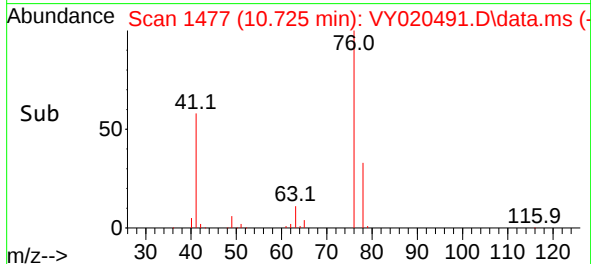
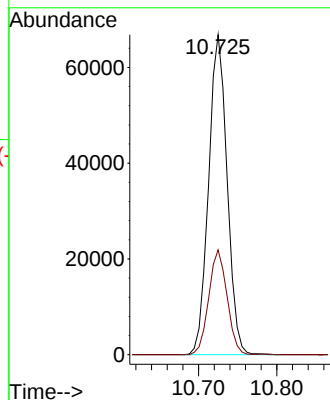
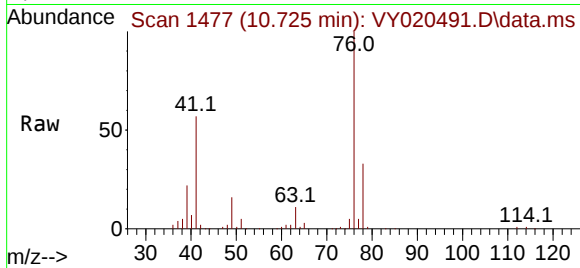




#57
1,3-Dichloropropane
Concen: 48.154 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

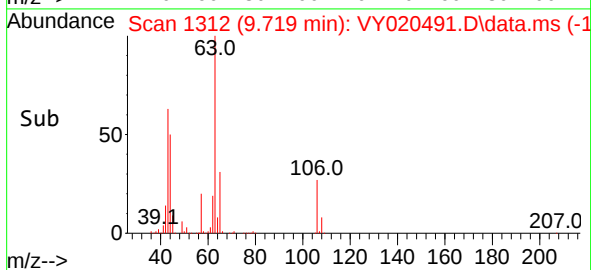
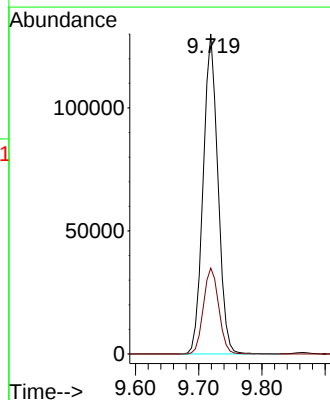
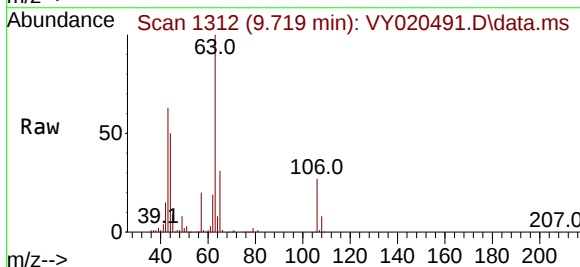
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

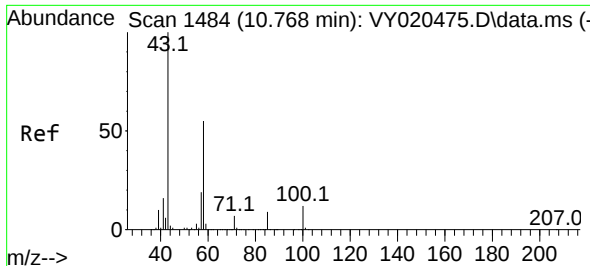
Tgt Ion: 76 Resp: 109626
Ion Ratio Lower Upper
76 100
78 32.4 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 251.130 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 63 Resp: 211510
Ion Ratio Lower Upper
63 100
106 27.7 21.0 31.4

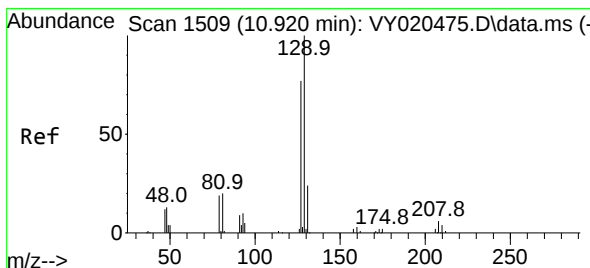
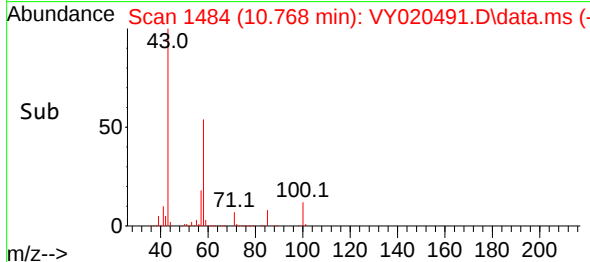
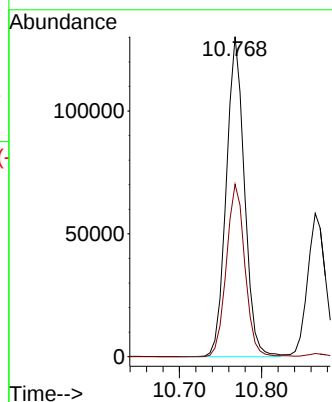
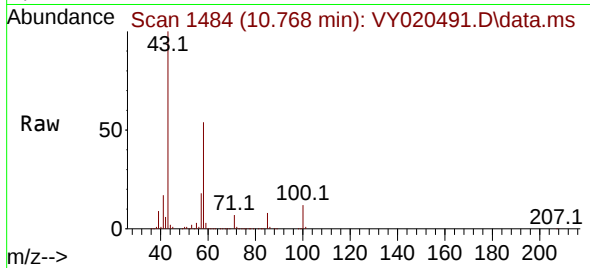




#59
2-Hexanone
Concen: 250.884 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

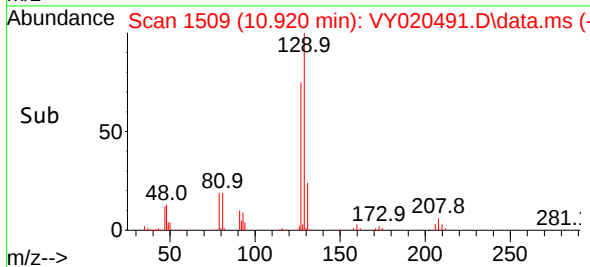
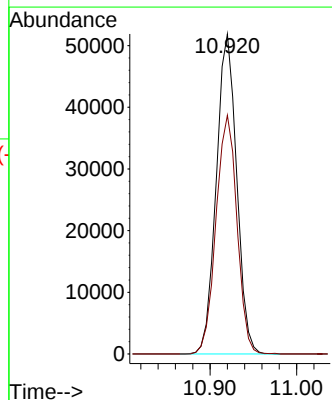
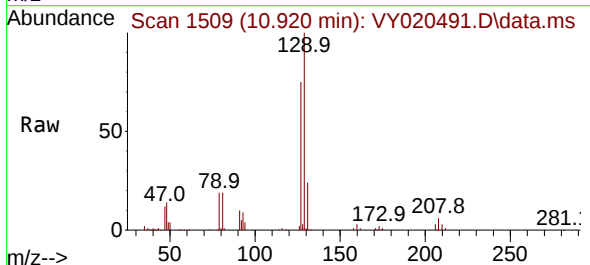
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

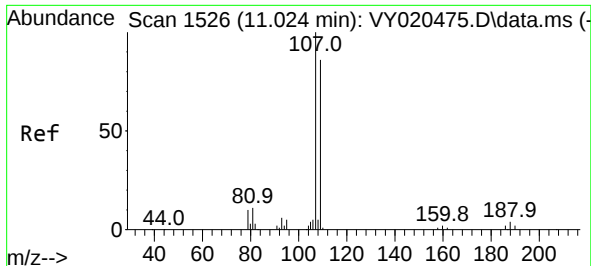
Tgt Ion: 43 Resp: 199488
Ion Ratio Lower Upper
43 100
58 55.0 26.4 79.2



#60
Dibromochloromethane
Concen: 47.914 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 129 Resp: 84807
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9

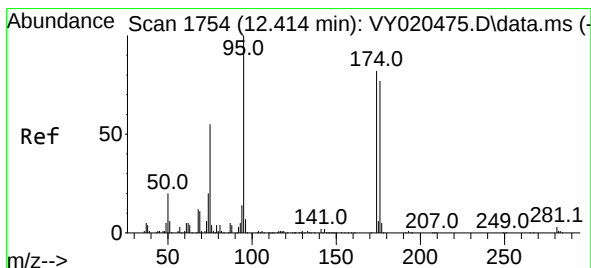
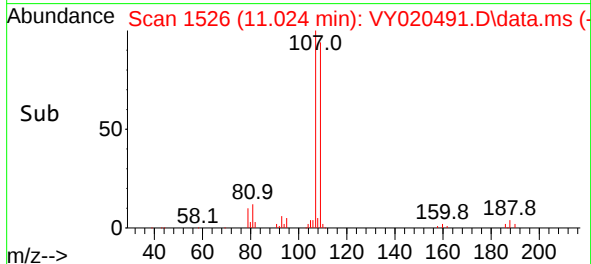
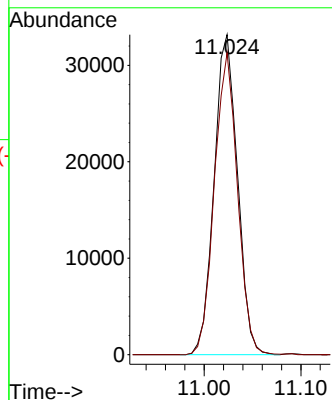
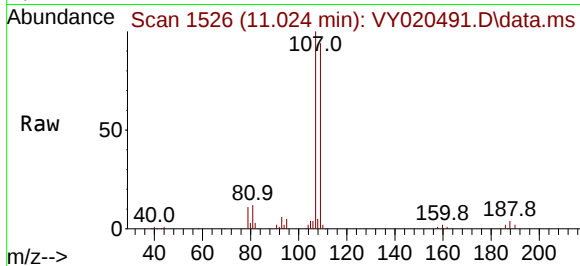




#61
1,2-Dibromoethane
Concen: 47.838 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

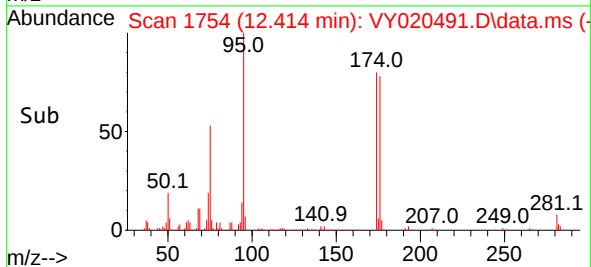
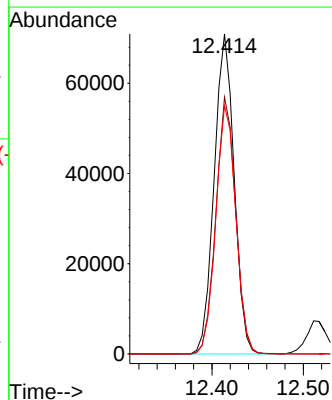
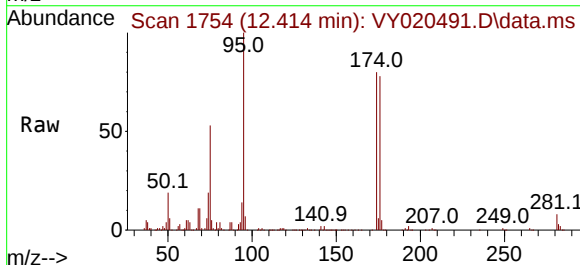
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

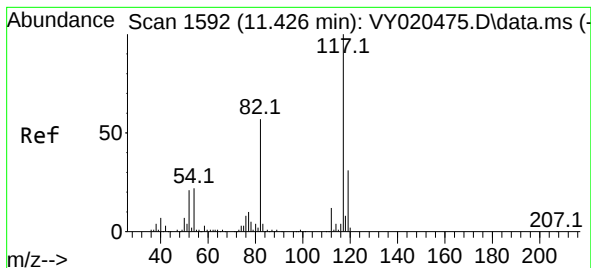
Tgt Ion:107 Resp: 55616
Ion Ratio Lower Upper
107 100
109 93.5 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 48.969 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 95 Resp: 107741
Ion Ratio Lower Upper
95 100
174 79.6 0.0 156.8
176 77.8 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

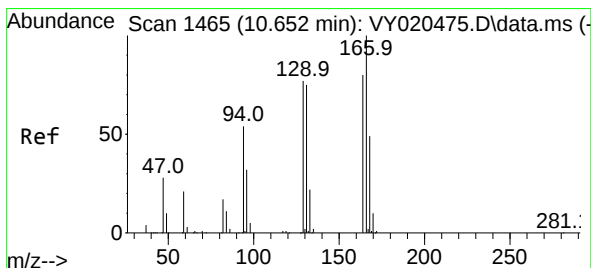
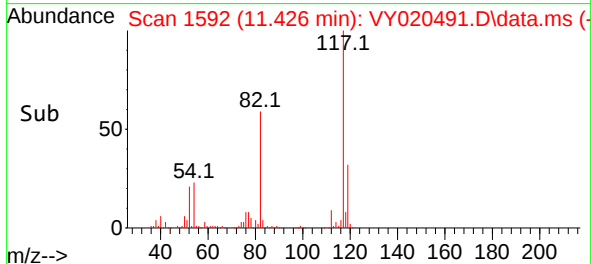
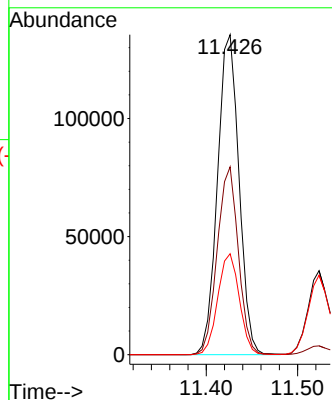
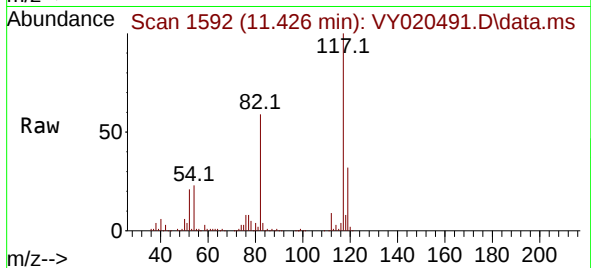
Tgt Ion:117 Resp: 221703

Ion Ratio Lower Upper

117 100

82 58.7 48.2 72.4

119 31.5 25.8 38.8



#64

Tetrachloroethene

Concen: 45.807 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.012 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

Tgt Ion:164 Resp: 85811

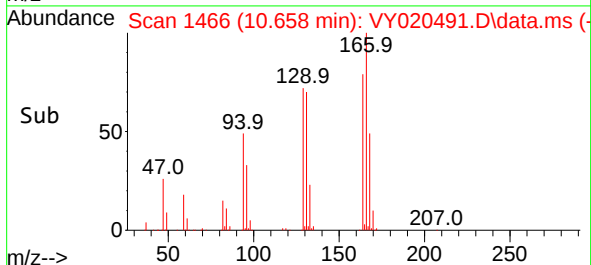
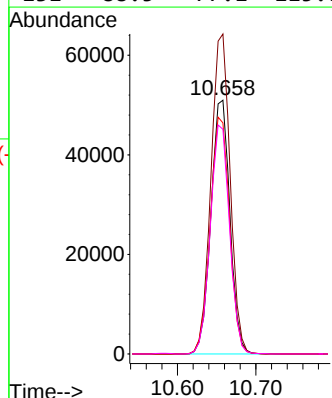
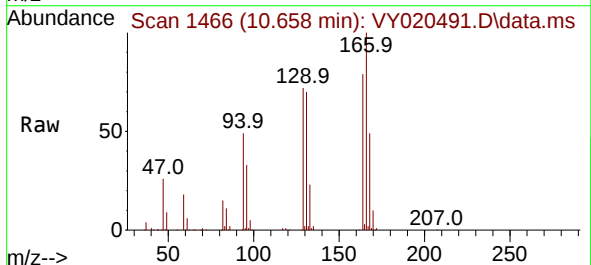
Ion Ratio Lower Upper

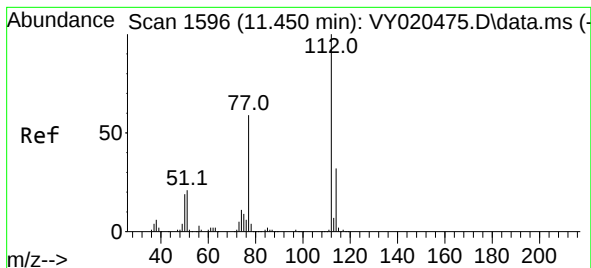
164 100

166 126.1 103.8 155.8

129 91.1 79.0 118.4

131 88.5 77.1 115.7





#65

Chlorobenzene

Concen: 45.152 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

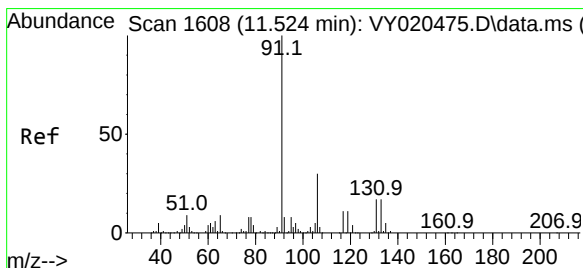
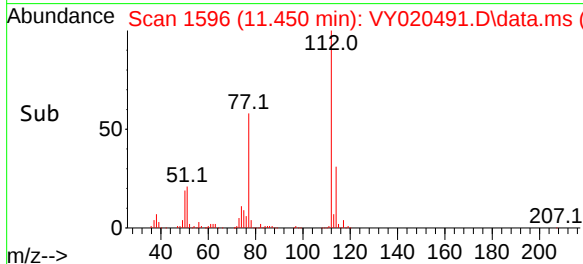
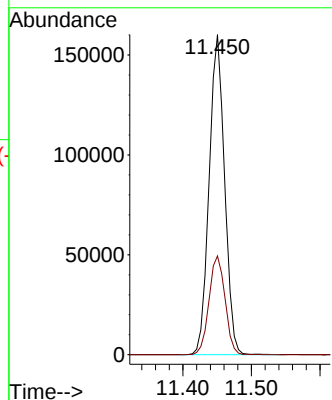
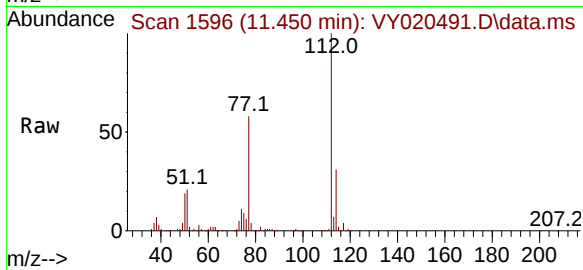
VSTDCCC050EC

Tgt Ion:112 Resp: 250913

Ion Ratio Lower Upper

112 100

114 30.9 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 45.005 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

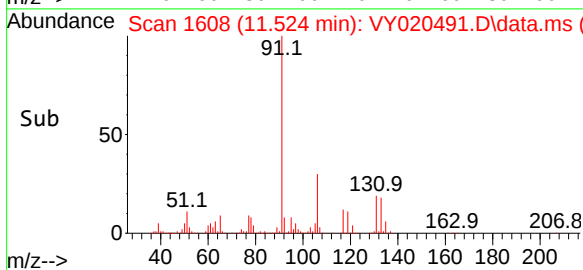
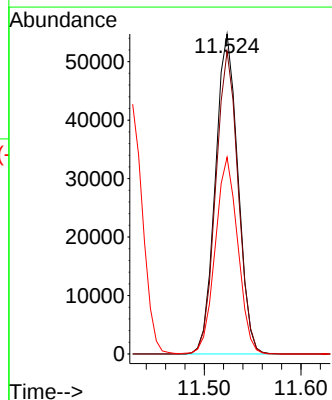
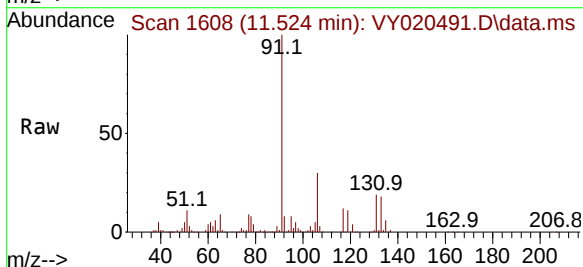
Tgt Ion:131 Resp: 88696

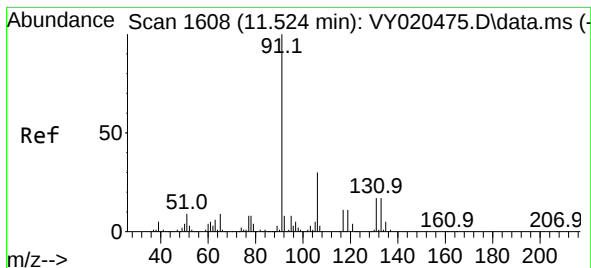
Ion Ratio Lower Upper

131 100

133 94.0 47.8 143.3

119 61.5 32.5 97.5





#67

Ethyl Benzene

Concen: 45.157 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

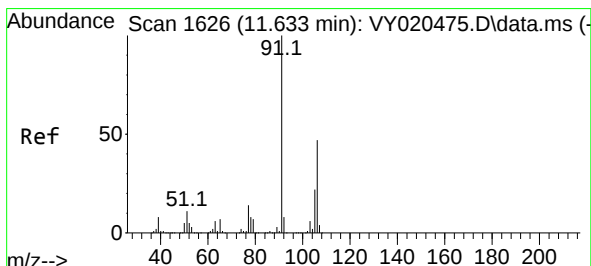
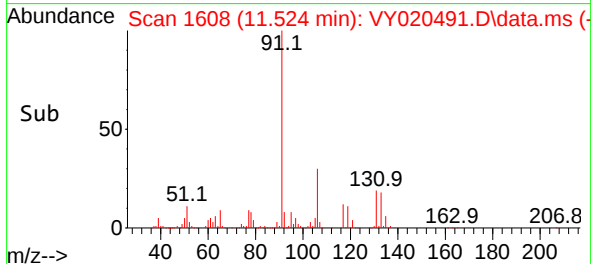
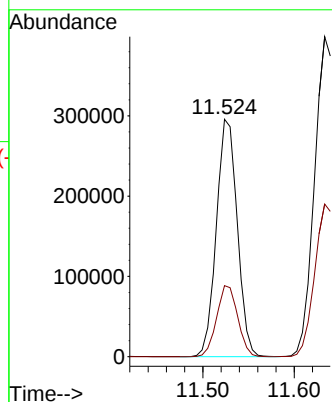
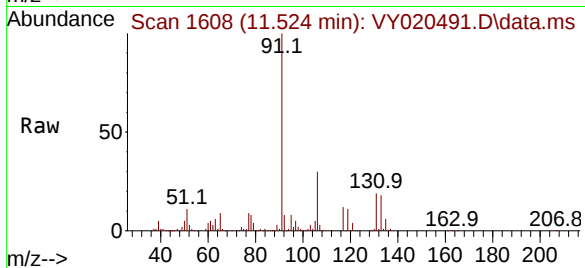
VSTDCCC050EC

Tgt Ion: 91 Resp: 470370

Ion Ratio Lower Upper

91 100

106 29.9 23.9 35.9



#68

m/p-Xylenes

Concen: 91.016 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY020491.D

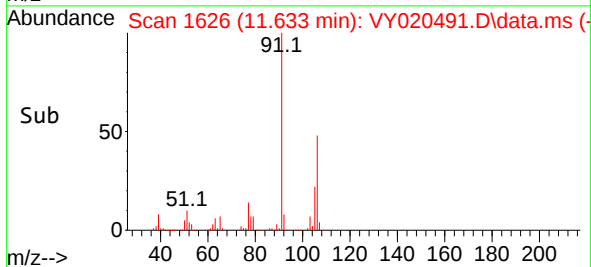
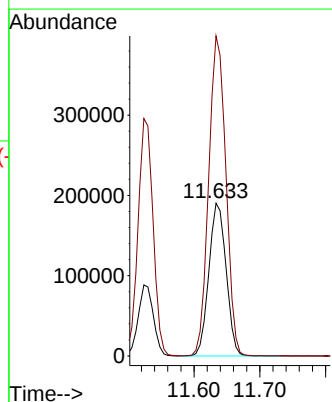
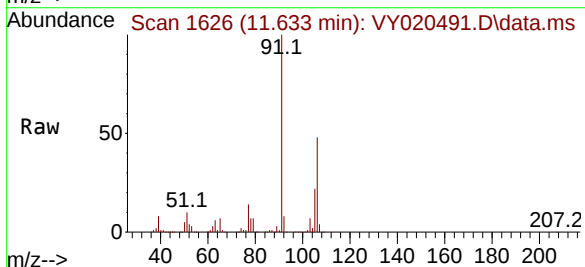
Acq: 02 Dec 2024 17:38

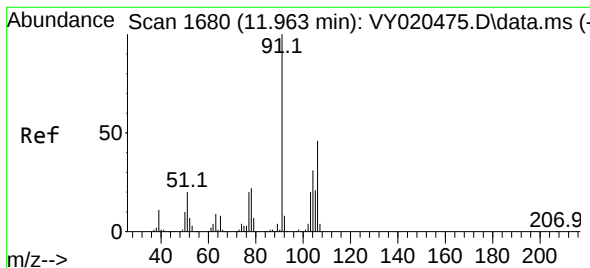
Tgt Ion:106 Resp: 347152

Ion Ratio Lower Upper

106 100

91 208.9 166.0 249.0

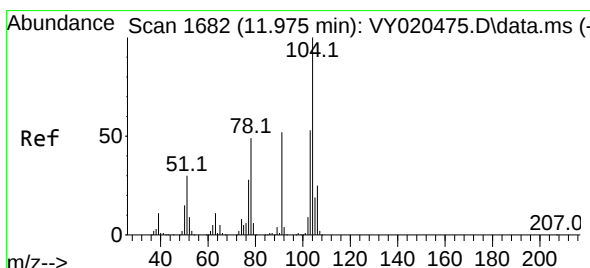
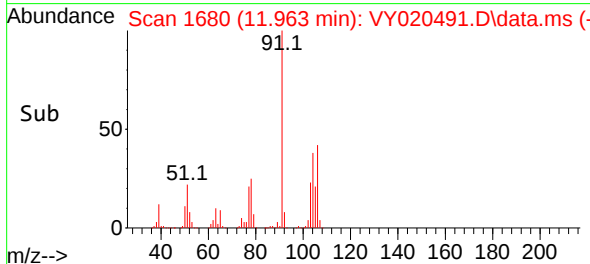
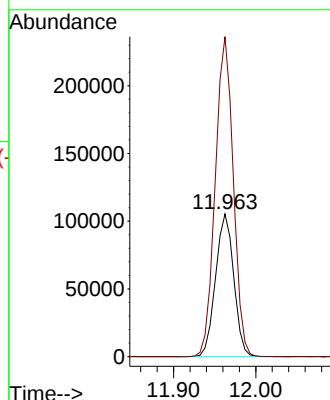
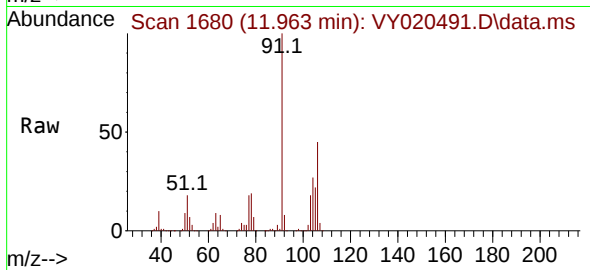




#69
o-Xylene
Concen: 45.302 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

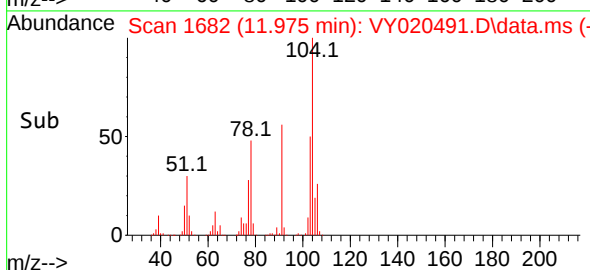
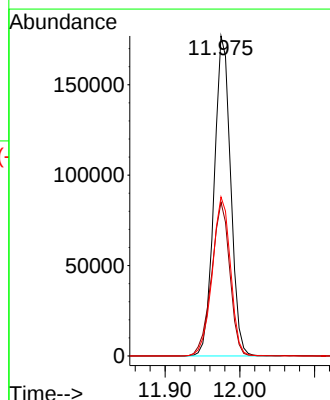
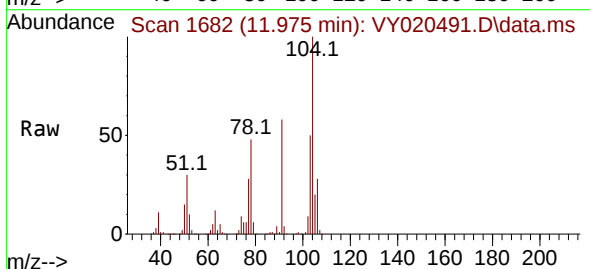
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

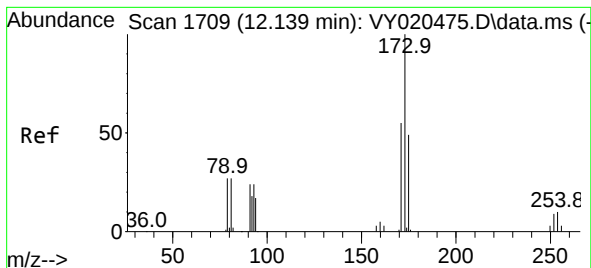
Tgt Ion:106 Resp: 161876
Ion Ratio Lower Upper
106 100
91 222.6 110.0 330.0



#70
Styrene
Concen: 45.597 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion:104 Resp: 271828
Ion Ratio Lower Upper
104 100
78 52.9 41.4 62.2
103 54.6 44.2 66.4





#71

Bromoform

Concen: 47.197 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

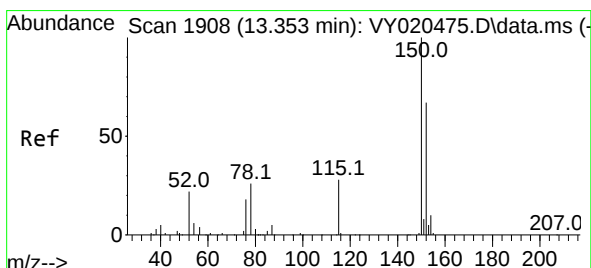
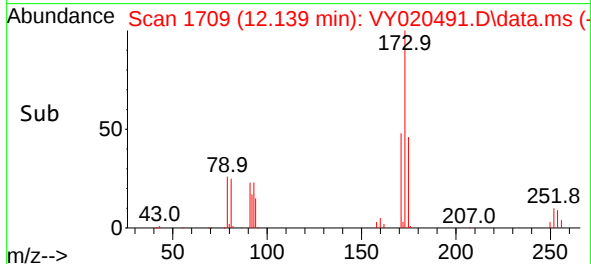
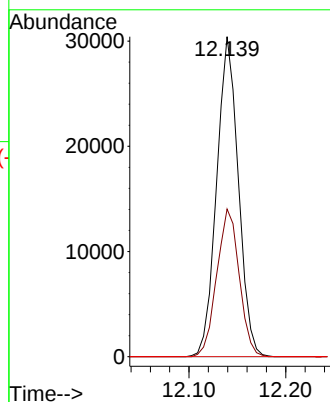
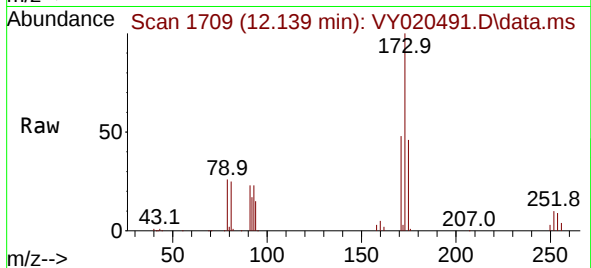
Tgt Ion:173 Resp: 47291

Ion Ratio Lower Upper

173 100

175 47.8 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

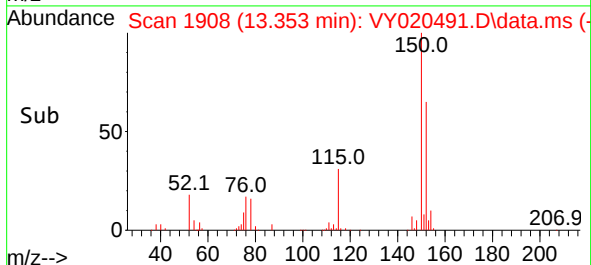
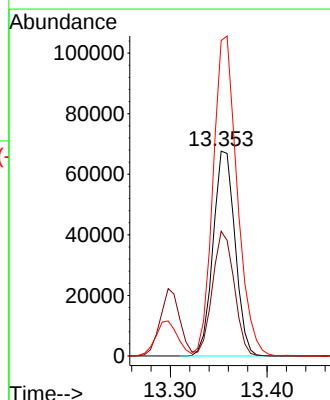
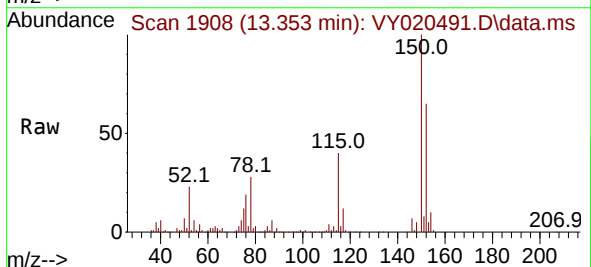
Tgt Ion:152 Resp: 106547

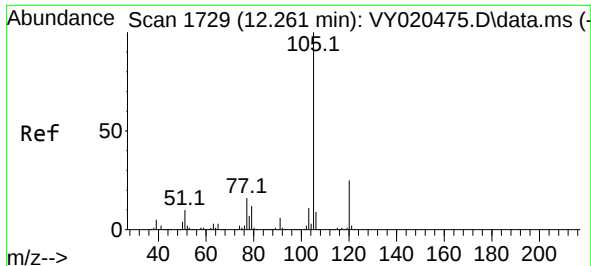
Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 171.1 0.0 348.2

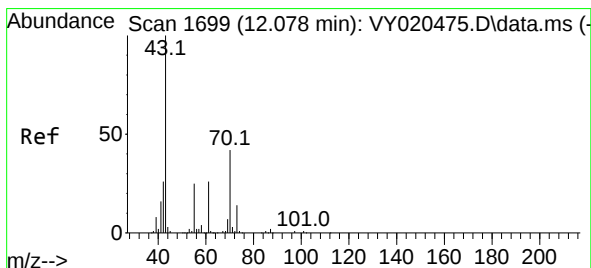
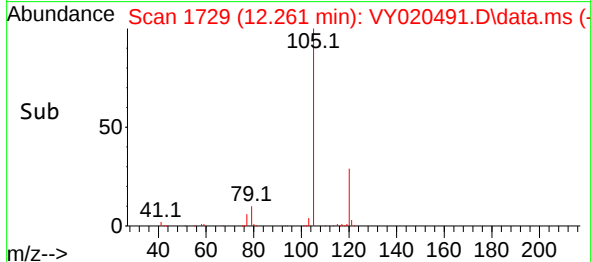
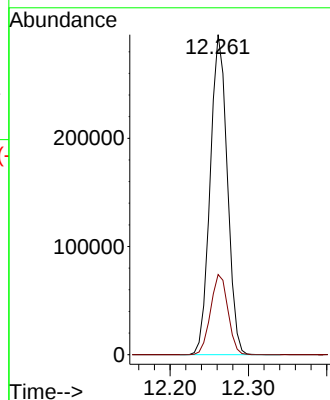
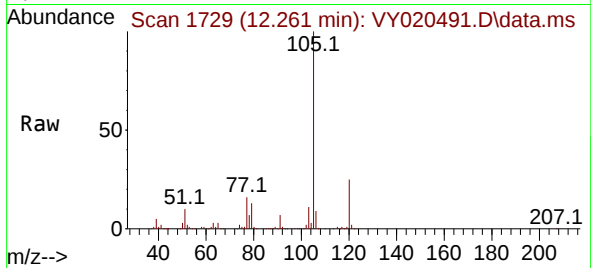




#73
Isopropylbenzene
Concen: 43.479 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

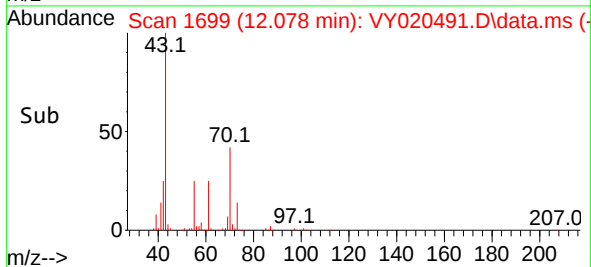
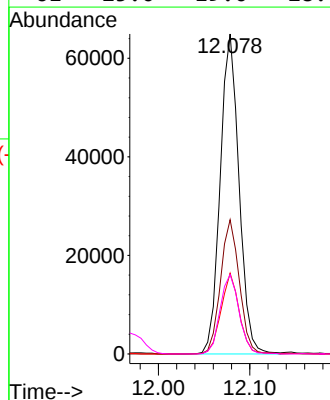
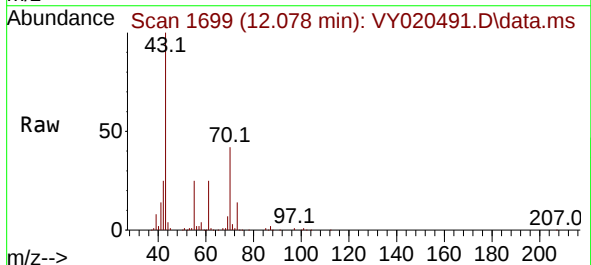
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

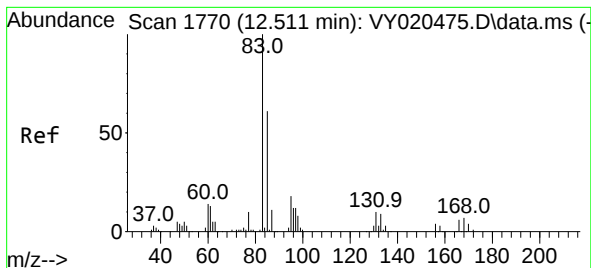
Tgt Ion:105 Resp: 448228
Ion Ratio Lower Upper
105 100
120 25.3 12.7 38.1



#74
N-ethyl acetate
Concen: 46.042 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 43 Resp: 93030
Ion Ratio Lower Upper
43 100
70 41.9 32.9 49.3
55 24.5 19.3 28.9
61 25.0 19.0 28.4





#75

1,1,2-Tetrachloroethane

Concen: 44.652 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

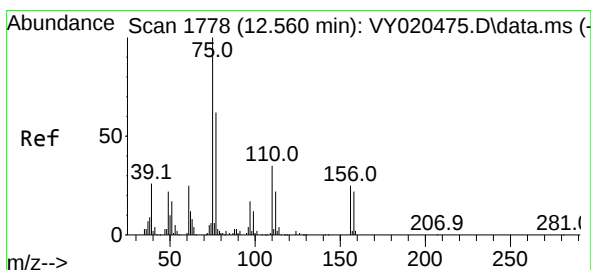
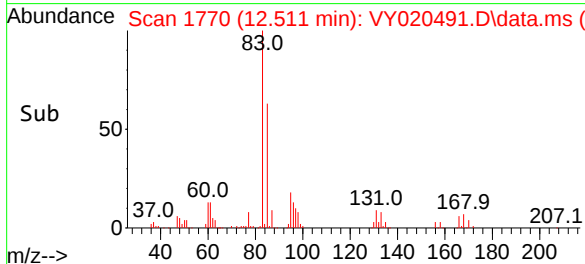
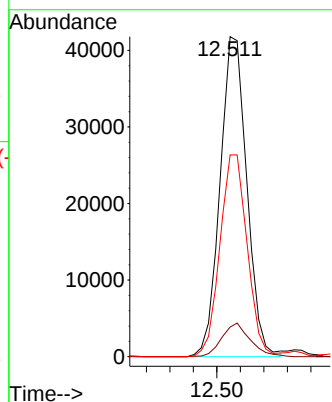
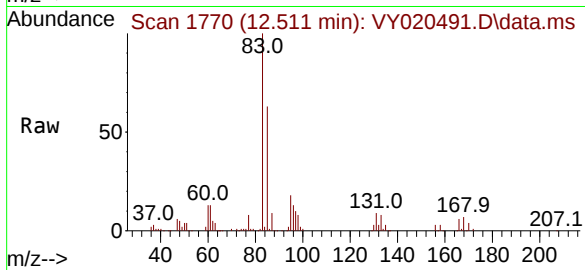
Tgt Ion: 83 Resp: 66197

Ion Ratio Lower Upper

83 100

131 11.1 4.8 14.4

85 64.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 82.358 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.012 min

Lab File: VY020491.D

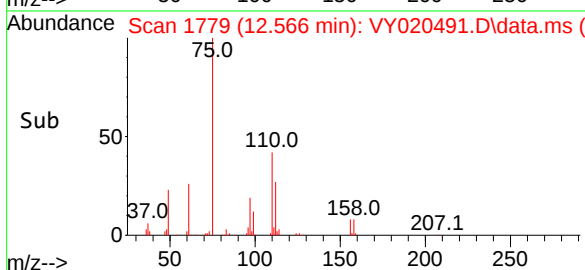
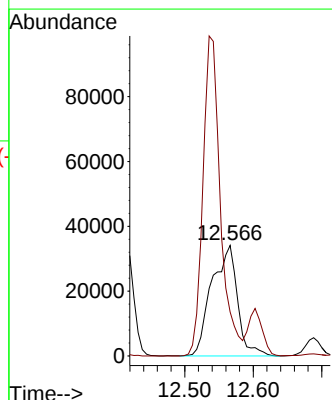
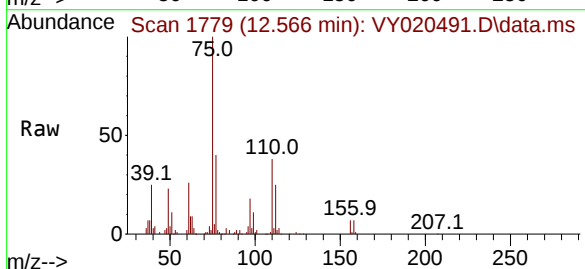
Acq: 02 Dec 2024 17:38

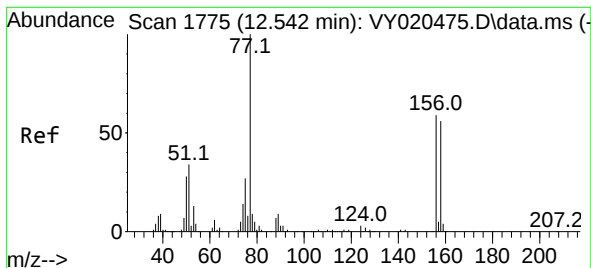
Tgt Ion: 75 Resp: 89390

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 43.030 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.012 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

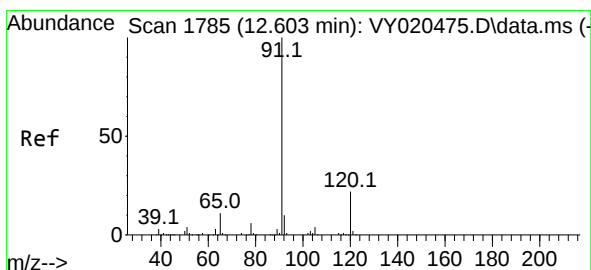
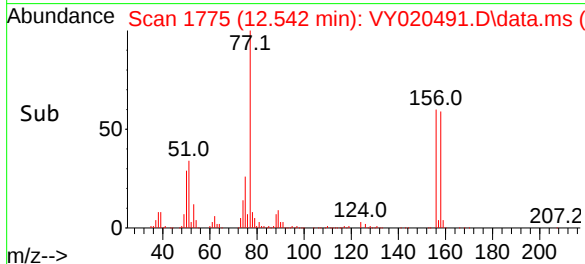
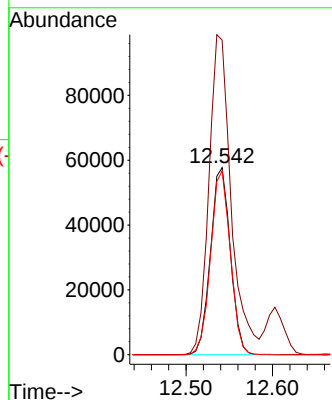
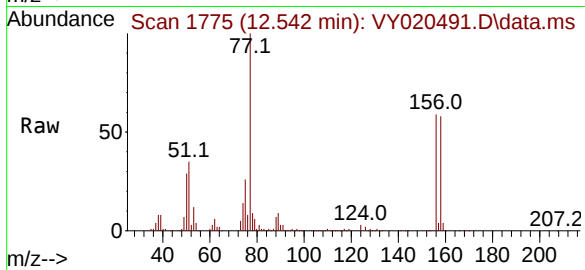
Tgt Ion:156 Resp: 91863

Ion Ratio Lower Upper

156 100

77 191.5 97.2 291.6

158 97.3 47.8 143.4



#78

n-propylbenzene

Concen: 43.141 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY020491.D

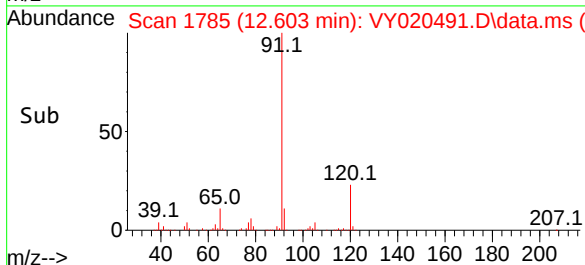
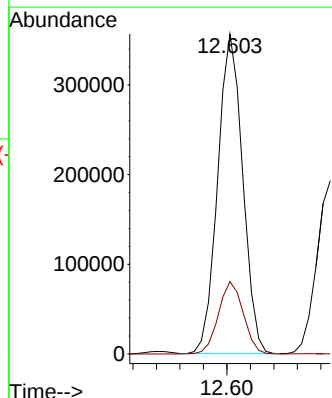
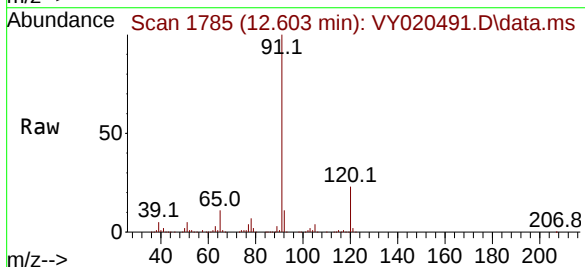
Acq: 02 Dec 2024 17:38

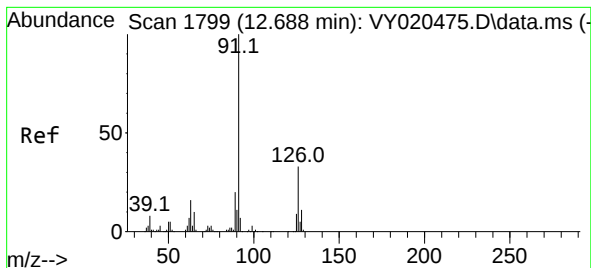
Tgt Ion: 91 Resp: 526560

Ion Ratio Lower Upper

91 100

120 22.4 10.9 32.6

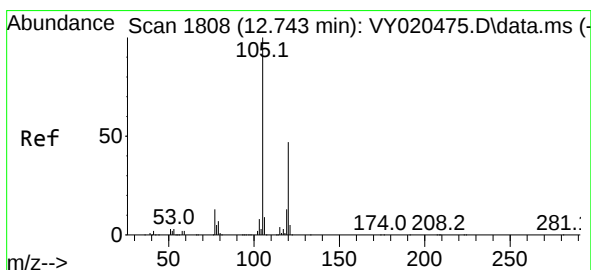
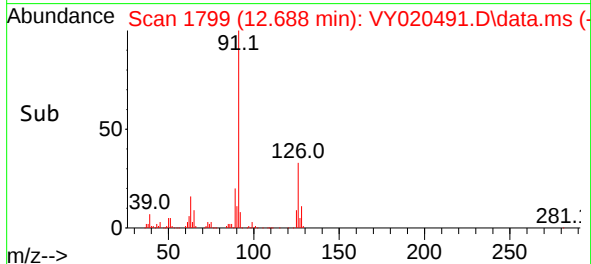
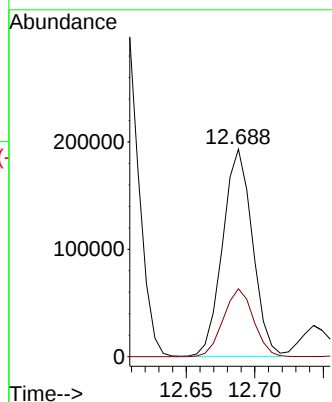
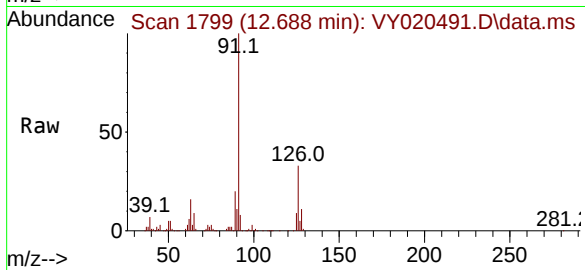




#79
2-Chlorotoluene
Concen: 42.511 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

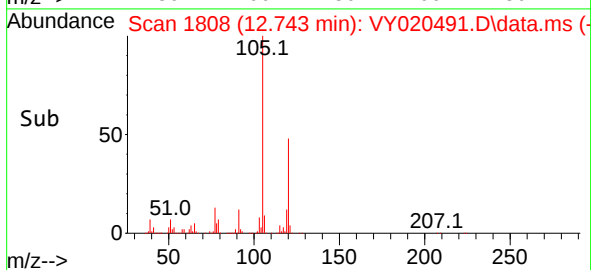
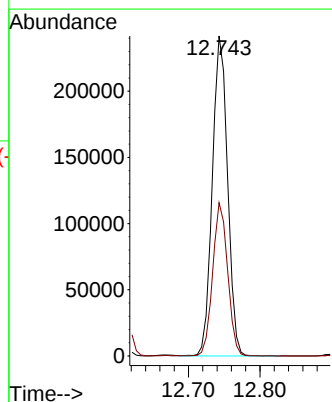
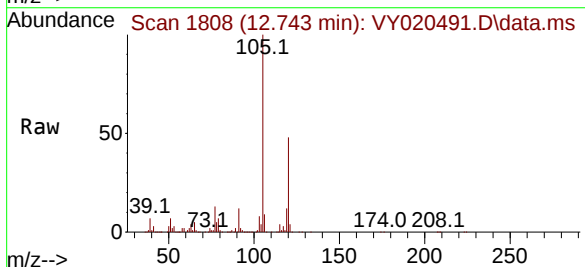
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

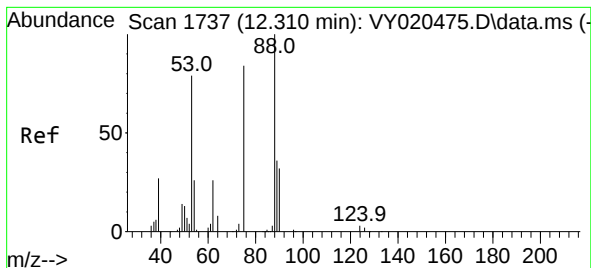
Tgt Ion: 91 Resp: 292787
Ion Ratio Lower Upper
91 100
126 33.2 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 43.285 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 105 Resp: 357594
Ion Ratio Lower Upper
105 100
120 47.0 24.3 72.8

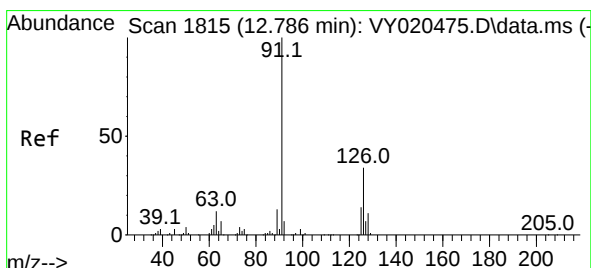
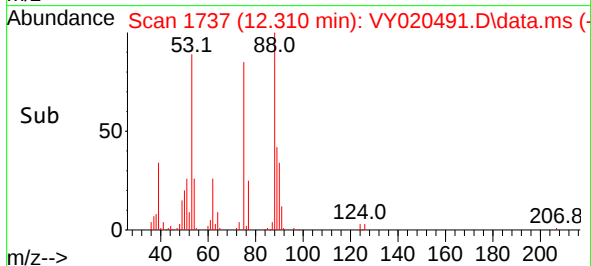
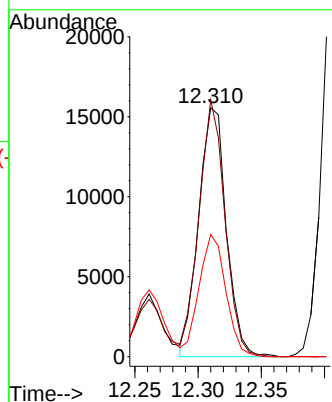
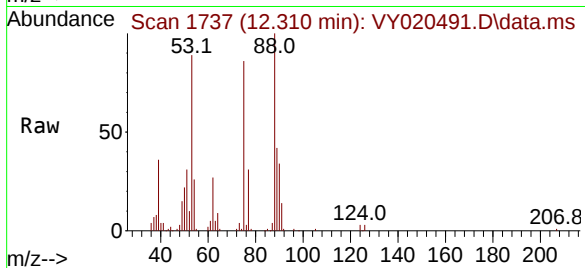




#81
trans-1,4-Dichloro-2-butene
Concen: 45.029 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

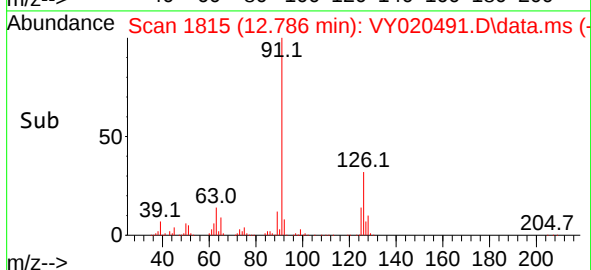
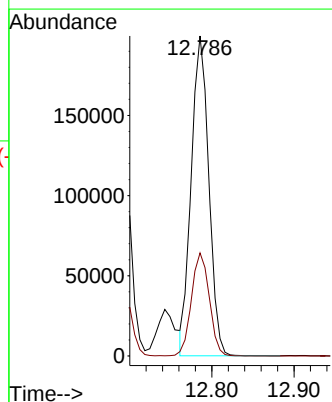
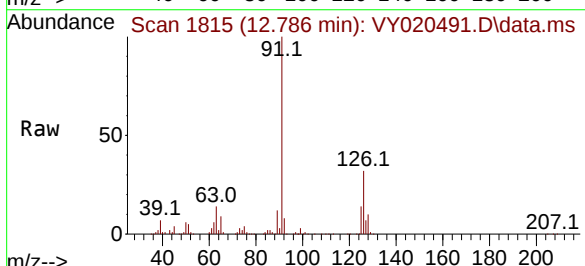
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

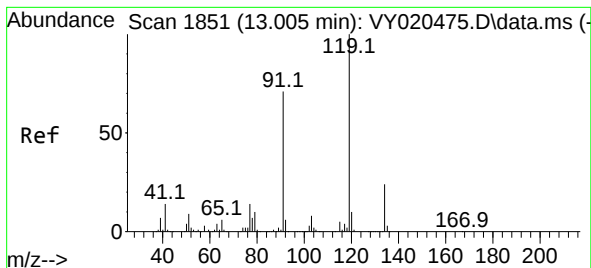
Tgt Ion: 75 Resp: 23819
Ion Ratio Lower Upper
75 100
53 96.9 81.1 121.7
89 47.4 35.1 52.7



#82
4-Chlorotoluene
Concen: 42.039 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 91 Resp: 295465
Ion Ratio Lower Upper
91 100
126 32.9 16.6 49.8





#83

tert-Butylbenzene

Concen: 42.838 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

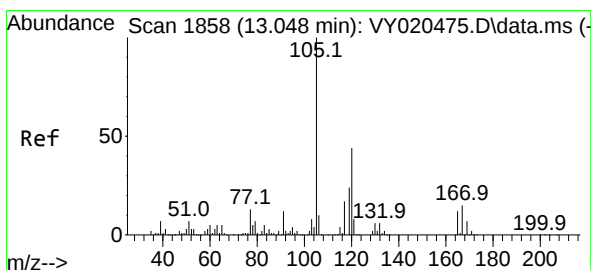
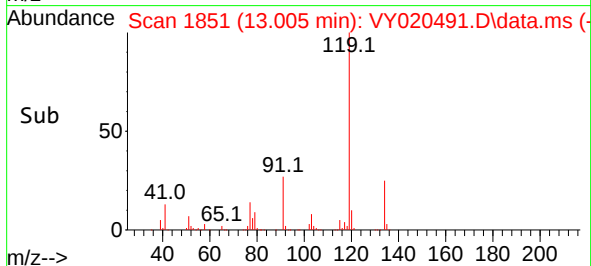
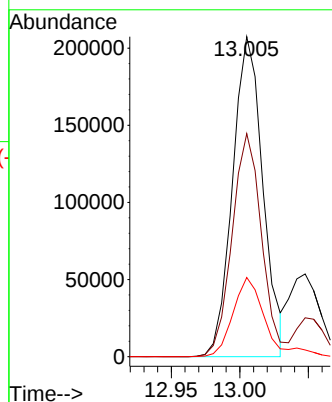
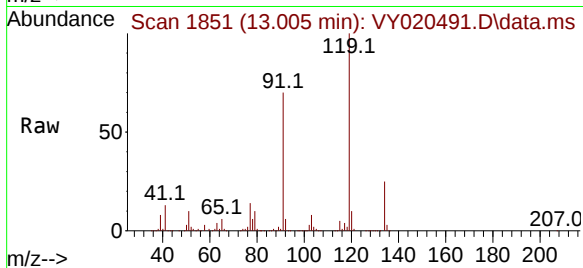
Tgt Ion:119 Resp: 319962

Ion Ratio Lower Upper

119 100

91 68.3 33.3 99.9

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 43.425 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.012 min

Lab File: VY020491.D

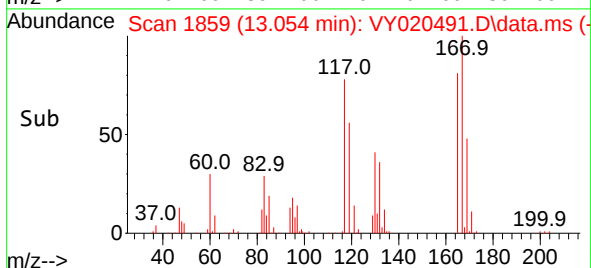
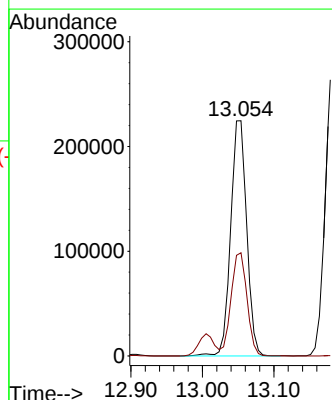
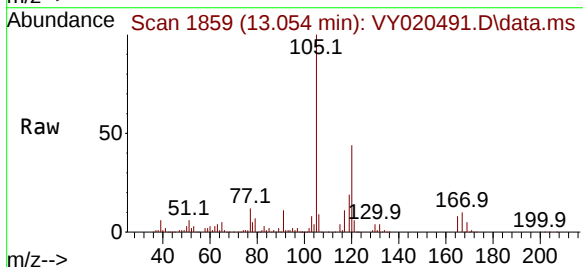
Acq: 02 Dec 2024 17:38

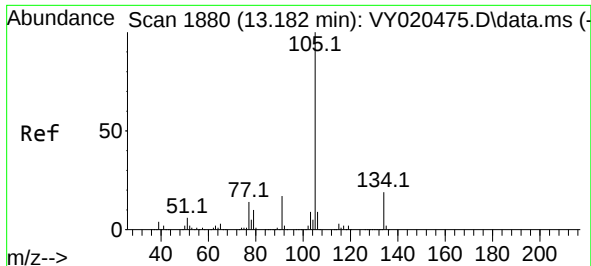
Tgt Ion:105 Resp: 348688

Ion Ratio Lower Upper

105 100

120 43.6 22.0 66.0

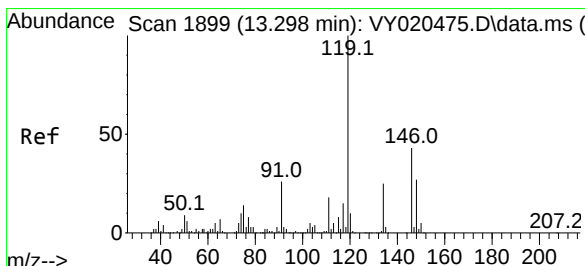
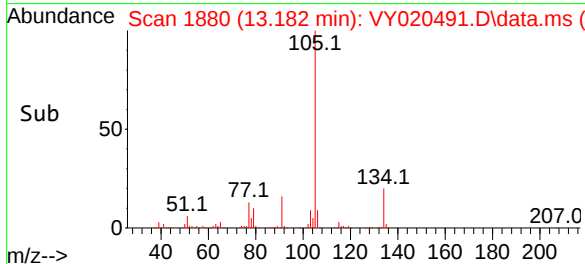
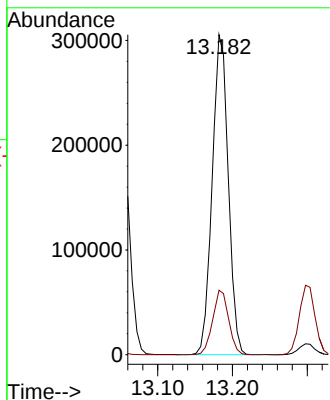
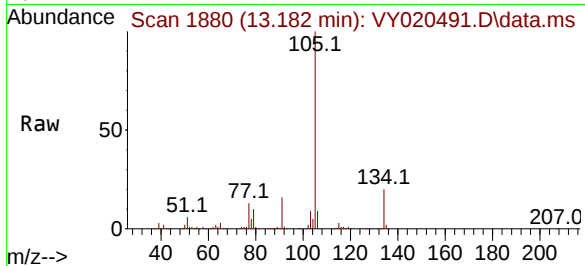




#85
 sec-Butylbenzene
 Concen: 42.583 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY020491.D
 Acq: 02 Dec 2024 17:38

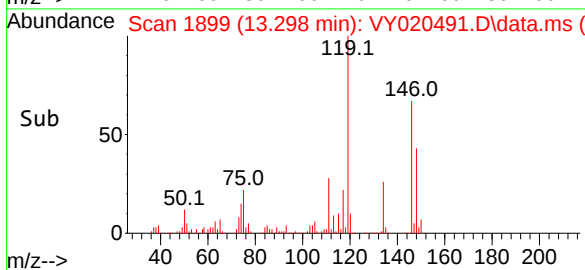
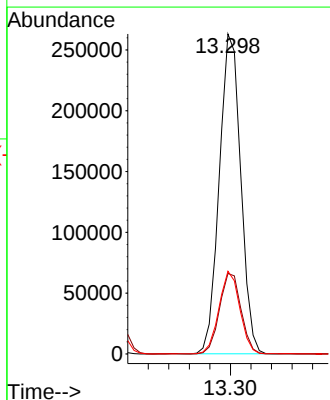
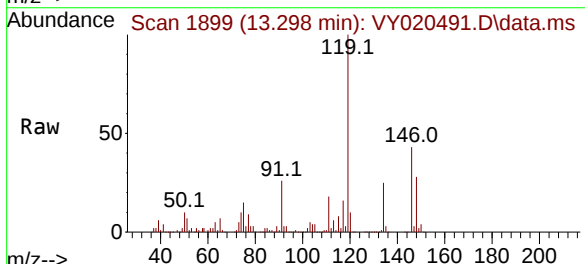
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

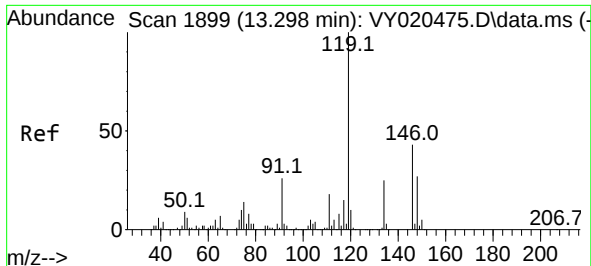
Tgt Ion:105 Resp: 455811
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 42.995 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY020491.D
 Acq: 02 Dec 2024 17:38

Tgt Ion:119 Resp: 380314
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.4
 91 25.1 12.3 36.8

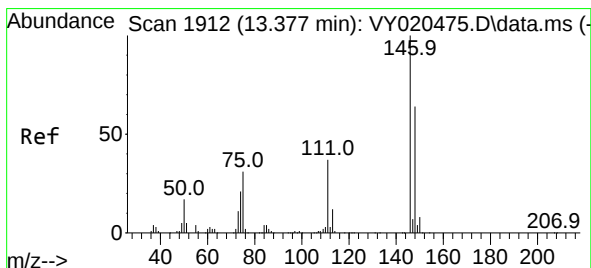
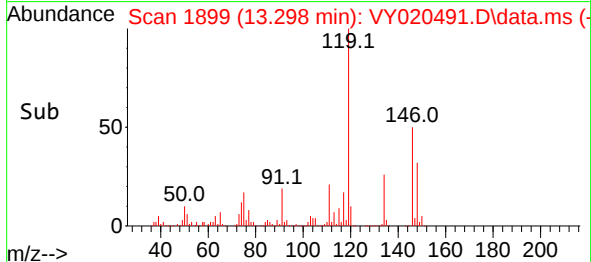
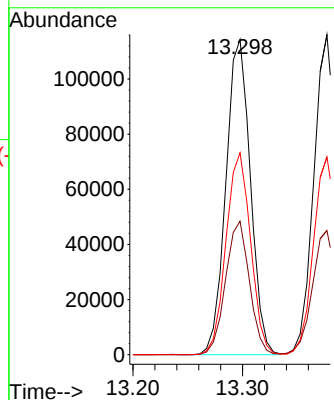
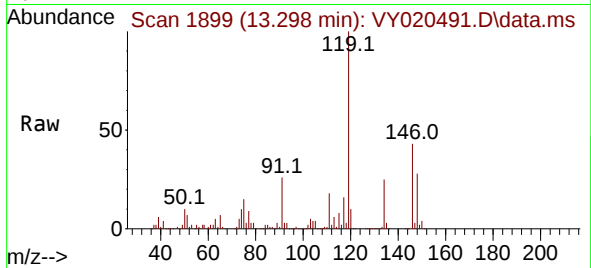




#87
1,3-Dichlorobenzene
Concen: 43.081 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

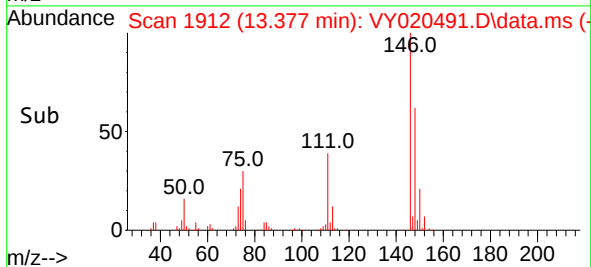
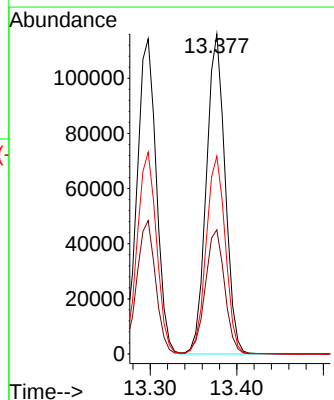
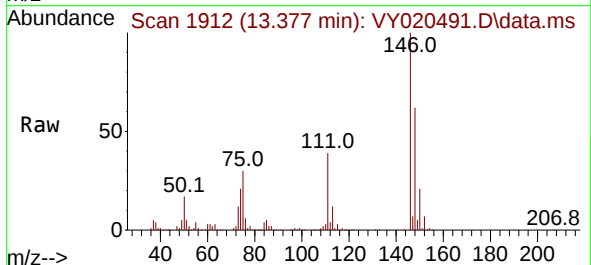
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

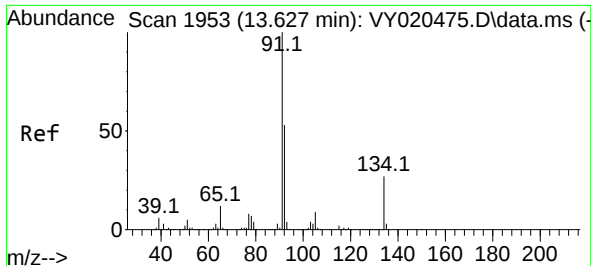
Tgt Ion:146 Resp: 177374
Ion Ratio Lower Upper
146 100
111 41.5 20.5 61.6
148 64.4 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 43.239 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion:146 Resp: 174281
Ion Ratio Lower Upper
146 100
111 40.1 19.9 59.6
148 63.5 32.0 96.2

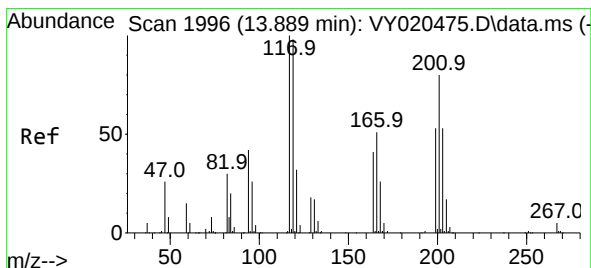
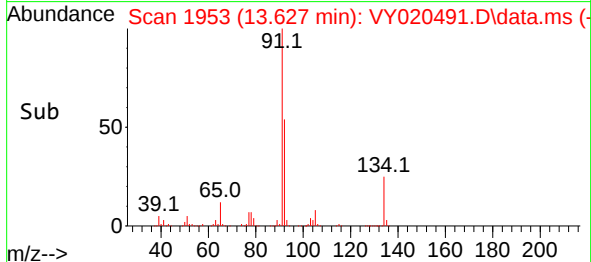
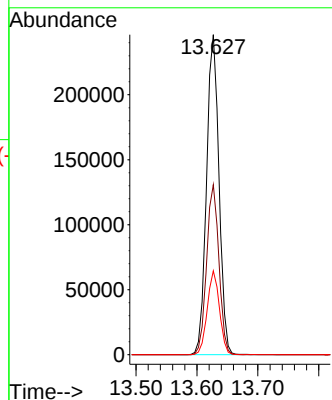
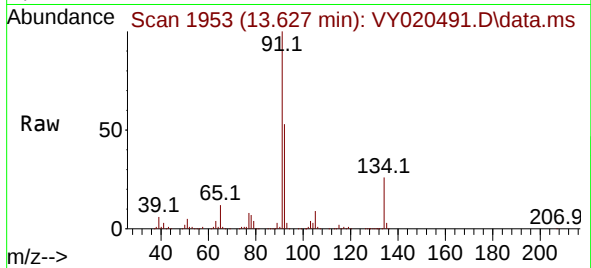




#89
n-Butylbenzene
Concen: 42.634 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

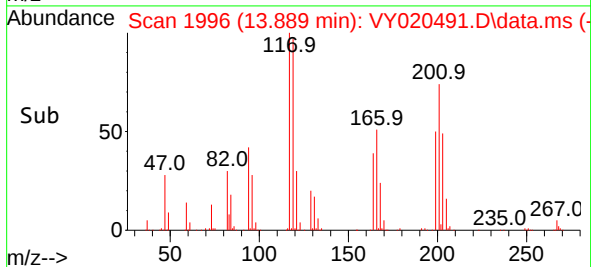
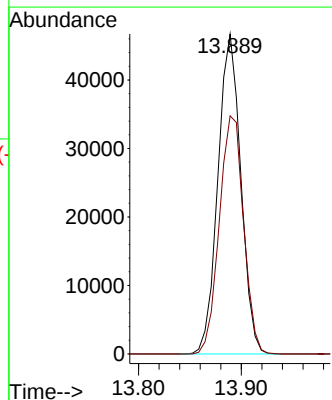
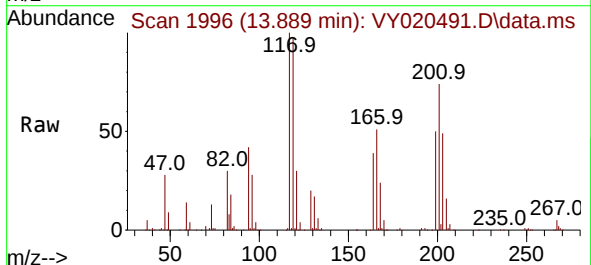
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

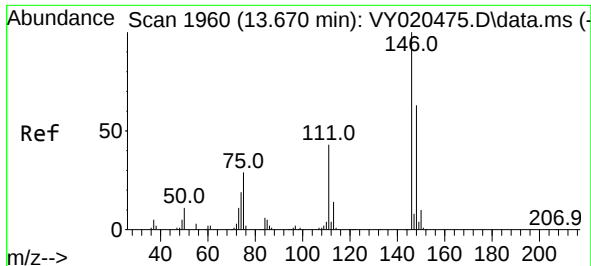
Tgt Ion: 91 Resp: 349763
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.5
134 25.7 12.2 36.4



#90
Hexachloroethane
Concen: 41.843 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.012 min
Lab File: VY020491.D
Acq: 02 Dec 2024 17:38

Tgt Ion: 117 Resp: 72131
Ion Ratio Lower Upper
117 100
201 78.7 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 43.222 ug/l

RT: 13.670 min Scan# 1960

Delta R.T. 0.012 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

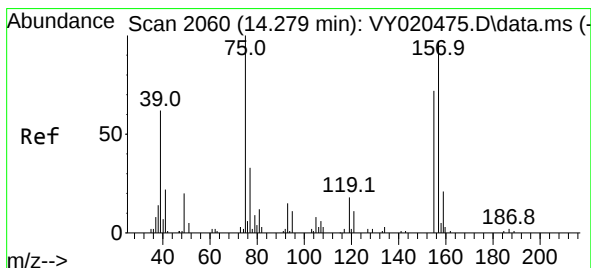
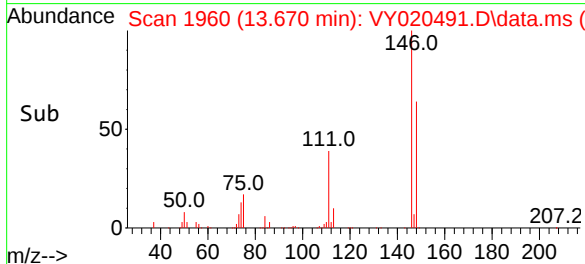
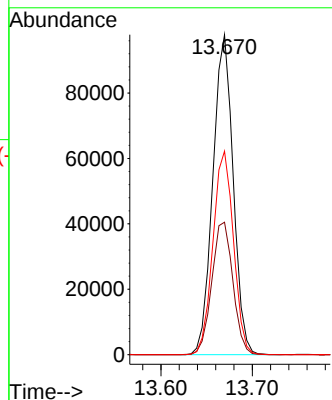
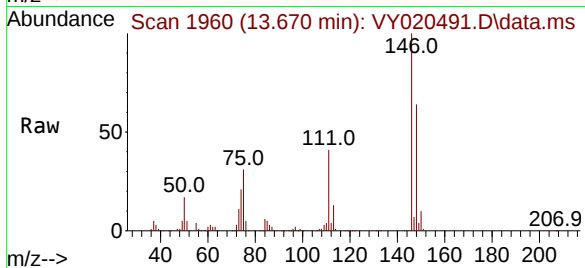
Tgt Ion:146 Resp: 150912

Ion Ratio Lower Upper

146 100

111 43.1 20.8 62.5

148 64.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.280 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

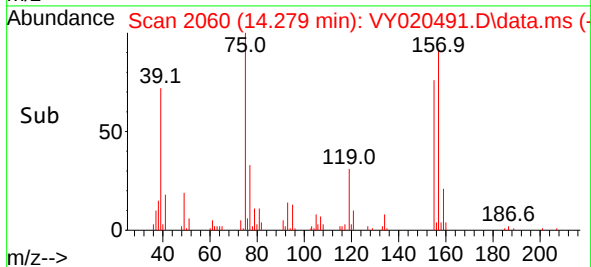
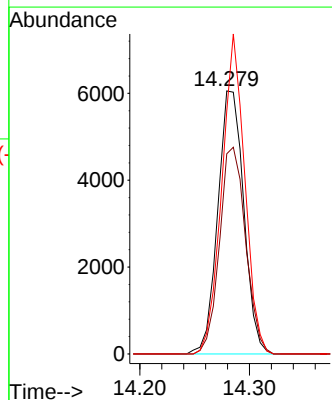
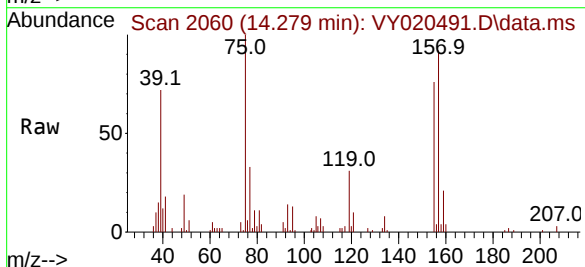
Tgt Ion: 75 Resp: 9938

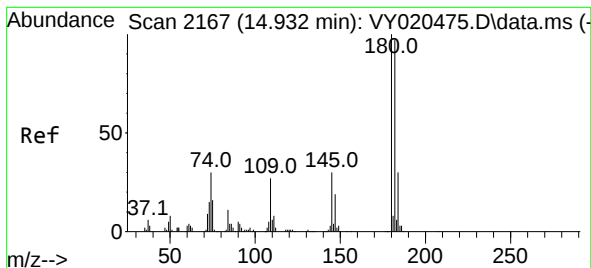
Ion Ratio Lower Upper

75 100

155 79.1 39.7 119.1

157 107.5 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 42.399 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.012 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

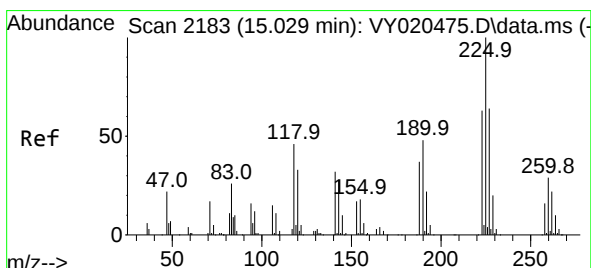
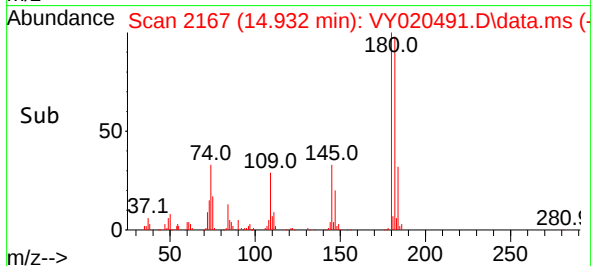
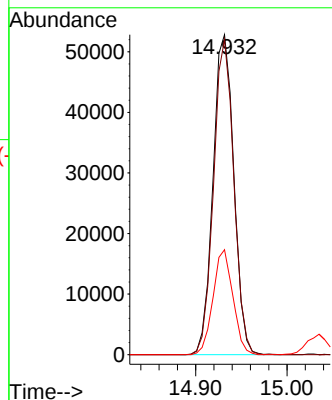
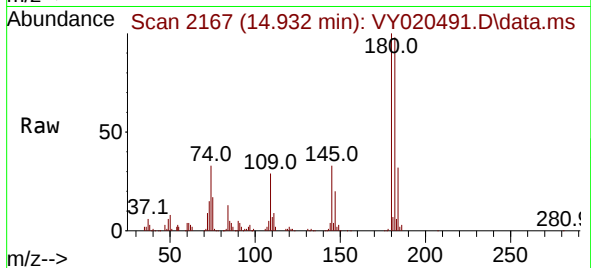
Tgt Ion:180 Resp: 83243

Ion Ratio Lower Upper

180 100

182 96.0 47.6 142.8

145 31.4 15.8 47.3



#94

Hexachlorobutadiene

Concen: 39.416 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.012 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

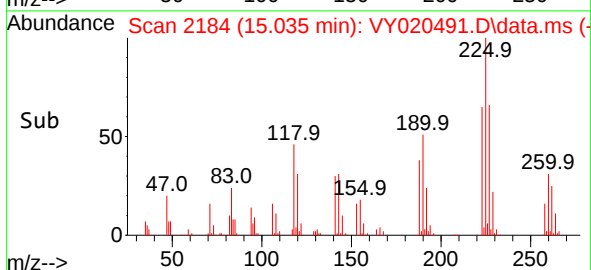
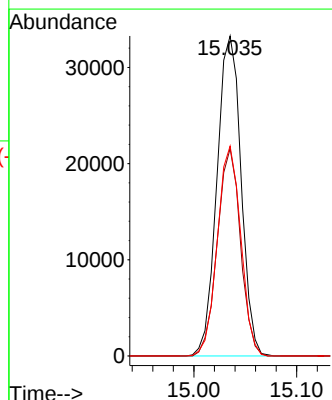
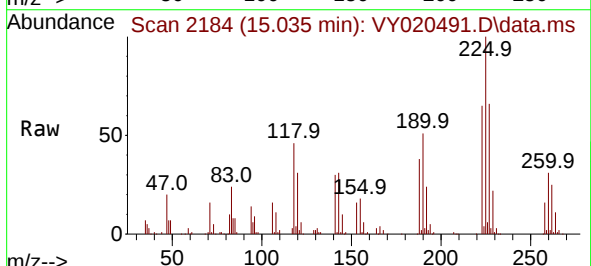
Tgt Ion:225 Resp: 54138

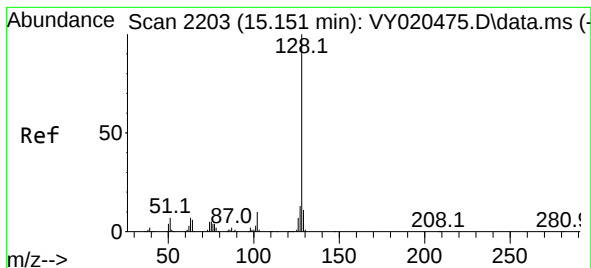
Ion Ratio Lower Upper

225 100

223 62.2 31.9 95.5

227 63.8 32.3 96.8





#95

Naphthalene

Concen: 45.775 ug/l

RT: 15.157 min Scan# 2203

Delta R.T. 0.012 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

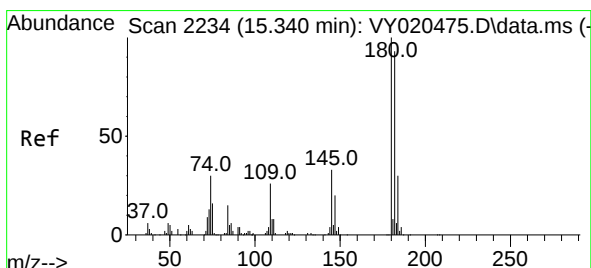
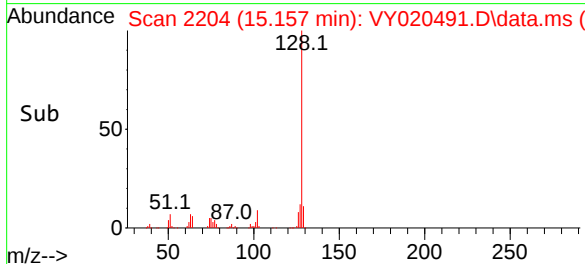
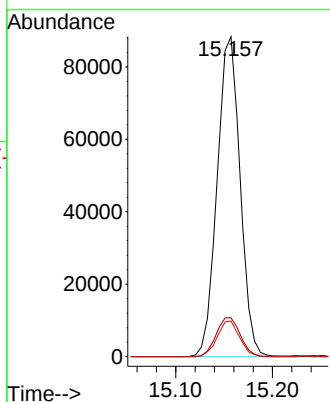
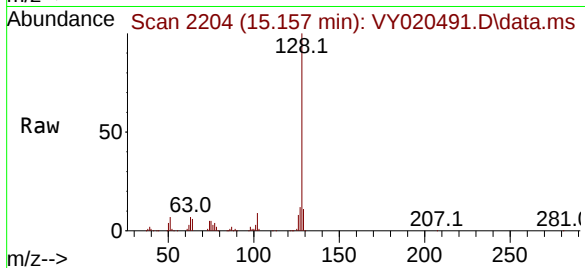
Tgt Ion:128 Resp: 145432

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 43.530 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY020491.D

Acq: 02 Dec 2024 17:38

Tgt Ion:180 Resp: 68961

Ion Ratio Lower Upper

180 100

182 97.4 47.4 142.3

145 33.3 16.9 50.6

