

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121124\
 Data File : VY020580.D
 Acq On : 11 Dec 2024 11:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 11 22:09:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	173439	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	271433	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	228457	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	115564	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	91920	52.112	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.220%	
35) Dibromofluoromethane	7.628	113	91704	53.666	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.340%	
50) Toluene-d8	10.103	98	337209	51.824	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.640%	
62) 4-Bromofluorobenzene	12.401	95	119407	52.470	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 104.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	73775	43.607	ug/l	100
3) Chloromethane	2.068	50	81959	47.847	ug/l	97
4) Vinyl Chloride	2.202	62	83230	47.656	ug/l	98
5) Bromomethane	2.592	94	48410	47.242	ug/l	99
6) Chloroethane	2.732	64	50542	47.216	ug/l	98
7) Trichlorofluoromethane	3.056	101	138845	42.447	ug/l	98
8) Diethyl Ether	3.452	74	42050	45.371	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	85774	45.004	ug/l	99
10) Methyl Iodide	4.001	142	95109	44.452	ug/l	99
11) Tert butyl alcohol	4.854	59	30567	267.140	ug/l	98
12) 1,1-Dichloroethene	3.787	96	79843	44.347	ug/l	98
13) Acrolein	3.647	56	19272	179.893	ug/l	96
14) Allyl chloride	4.385	41	148396	46.213	ug/l	94
15) Acrylonitrile	5.055	53	94653	245.115	ug/l	99
16) Acetone	3.866	43	112948	257.524	ug/l	95
17) Carbon Disulfide	4.104	76	231109	44.850	ug/l	98
18) Methyl Acetate	4.385	43	47444	50.895	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	210197	45.716	ug/l	99
20) Methylene Chloride	4.616	84	86982	46.621	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	89430	44.721	ug/l	96
22) Diisopropyl ether	6.018	45	302576	47.386	ug/l	99
23) Vinyl Acetate	5.957	43	822159	243.428	ug/l	99
24) 1,1-Dichloroethane	5.915	63	174267	45.332	ug/l	98
25) 2-Butanone	6.890	43	141004	254.599	ug/l	99
26) 2,2-Dichloropropane	6.884	77	157672	43.364	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	105229	45.065	ug/l	98
28) Bromochloromethane	7.238	49	78940	54.989	ug/l	98
29) Tetrahydrofuran	7.256	42	78368	248.038	ug/l	98
30) Chloroform	7.421	83	175889	44.581	ug/l	98
31) Cyclohexane	7.701	56	147460	42.430	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	162203	42.696	ug/l	97
36) 1,1-Dichloropropene	7.835	75	126526	43.846	ug/l	99
37) Ethyl Acetate	6.982	43	56090	49.063	ug/l	98
38) Carbon Tetrachloride	7.817	117	146860	42.642	ug/l	99
39) Methylcyclohexane	9.103	83	158897	44.375	ug/l	98
40) Benzene	8.079	78	376214	44.218	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	31035	47.753	ug/l	99
42) 1,2-Dichloroethane	8.158	62	100987	45.172	ug/l	100
43) Isopropyl Acetate	8.195	43	110913	48.045	ug/l #	88
44) Trichloroethene	8.859	130	93447	44.553	ug/l	95
45) 1,2-Dichloropropane	9.140	63	89370	44.888	ug/l	97
46) Dibromomethane	9.225	93	45966	46.630	ug/l	97
47) Bromodichloromethane	9.420	83	129973	44.752	ug/l	98
48) Methyl methacrylate	9.219	41	52663	48.921	ug/l	97
49) 1,4-Dioxane	9.225	88	10274	1090.364	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	286911	251.664	ug/l	99
52) Toluene	10.170	92	235271	44.321	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	118975	45.629	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	142923	46.380	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	61280	46.602	ug/l	97
56) Ethyl methacrylate	10.438	69	88950	47.807	ug/l	96
57) 1,3-Dichloropropane	10.713	76	109118	46.340	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	219742	252.242	ug/l	98
59) 2-Hexanone	10.755	43	204185	248.265	ug/l	97
60) Dibromochloromethane	10.908	129	83313	45.507	ug/l	98
61) 1,2-Dibromoethane	11.011	107	55861	46.453	ug/l	99
64) Tetrachloroethene	10.646	164	82742	42.863	ug/l	95
65) Chlorobenzene	11.438	112	249310	43.537	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	88150	43.406	ug/l	99
67) Ethyl Benzene	11.517	91	468740	43.670	ug/l	100
68) m/p-Xylenes	11.627	106	344788	87.724	ug/l	99
69) o-Xylene	11.950	106	162570	44.151	ug/l	100
70) Styrene	11.969	104	274231	44.640	ug/l	100
71) Bromoform	12.133	173	46587	45.119	ug/l #	97
73) Isopropylbenzene	12.255	105	445224	39.818	ug/l	99
74) N-amyl acetate	12.066	43	97631	44.549	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	68634	42.683	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	91386	77.628	ug/l #	100
77) Bromobenzene	12.529	156	94175	40.671	ug/l	98
78) n-propylbenzene	12.597	91	536350	40.514	ug/l	99
79) 2-Chlorotoluene	12.676	91	298681	39.983	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	361128	40.302	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	23671	41.257	ug/l	98
82) 4-Chlorotoluene	12.779	91	308040	40.408	ug/l	98
83) tert-Butylbenzene	12.999	119	330144	40.753	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	357791	41.082	ug/l	99
85) sec-Butylbenzene	13.176	105	475740	40.977	ug/l	100
86) p-Isopropyltoluene	13.292	119	397353	41.416	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	186963	41.867	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	183809	42.044	ug/l	100
89) n-Butylbenzene	13.615	91	375238	42.170	ug/l	99
90) Hexachloroethane	13.883	117	77374	41.382	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	161730	42.706	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10492	43.101	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	97902	45.974	ug/l	98
94) Hexachlorobutadiene	15.023	225	64008	42.966	ug/l	99
95) Naphthalene	15.145	128	156577	45.437	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	79141	46.058	ug/l	100

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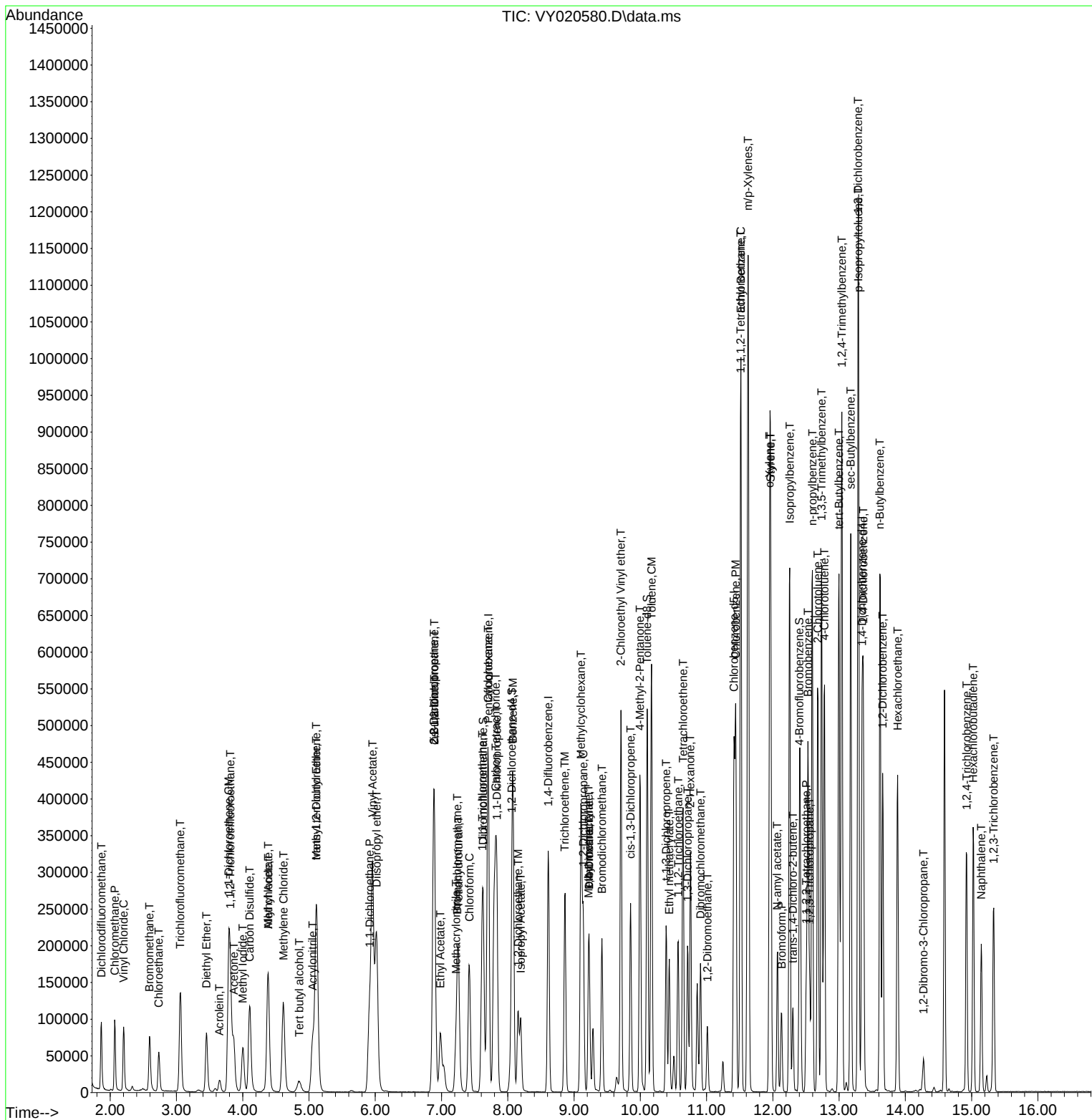
Instrument :
MSVOA_Y
ClientSampleId :

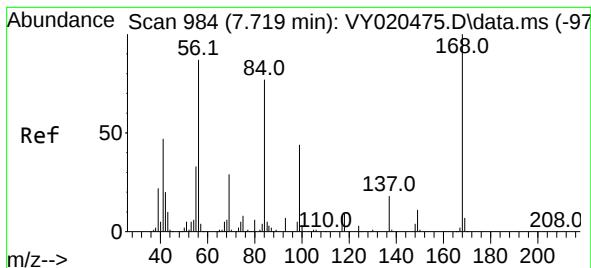
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Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY020580.D

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Instrument :

MSVOA_Y

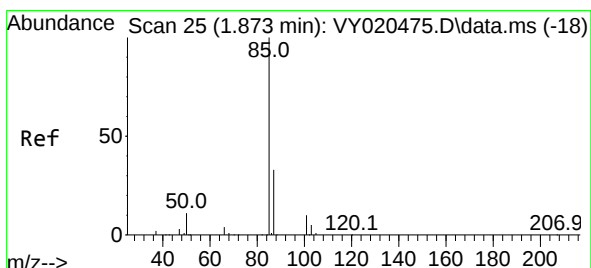
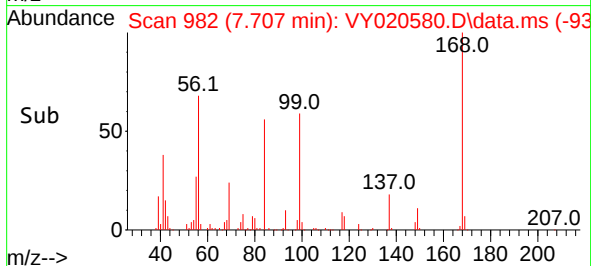
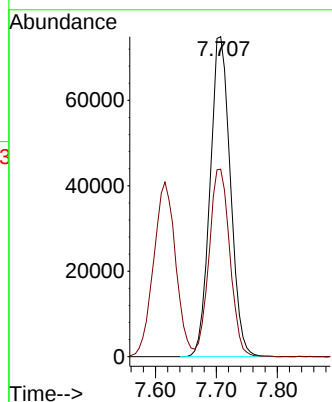
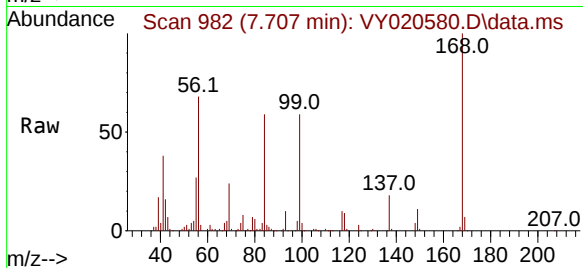
ClientSampleId :

Tgt Ion:168 Resp: 173439

Ion Ratio Lower Upper

168 100

99 58.6 46.6 69.8



#2

Dichlorodifluoromethane

Concen: 43.607 ug/l

RT: 1.867 min Scan# 24

Delta R.T. -0.006 min

Lab File: VY020580.D

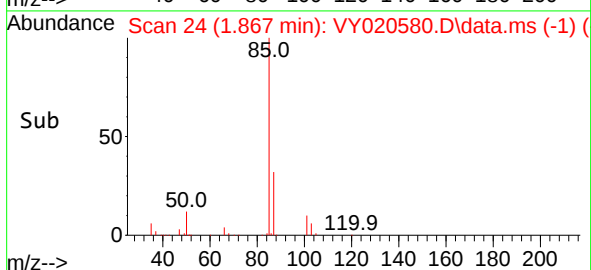
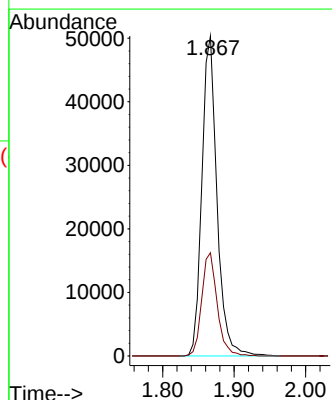
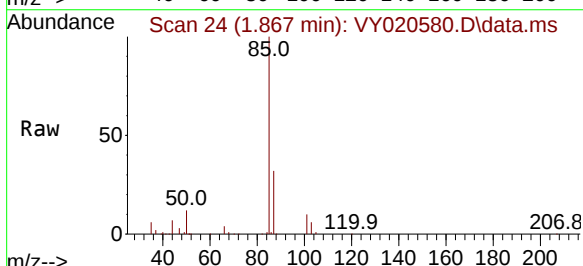
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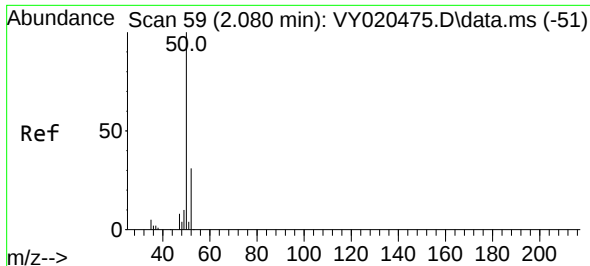
Tgt Ion: 85 Resp: 73775

Ion Ratio Lower Upper

85 100

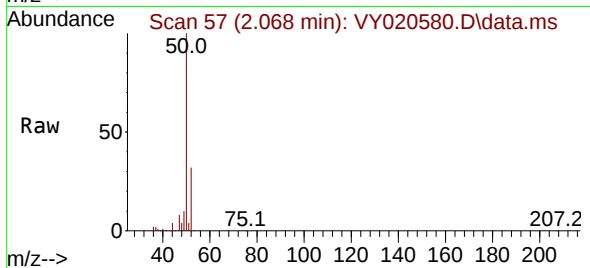
87 32.2 16.1 48.2



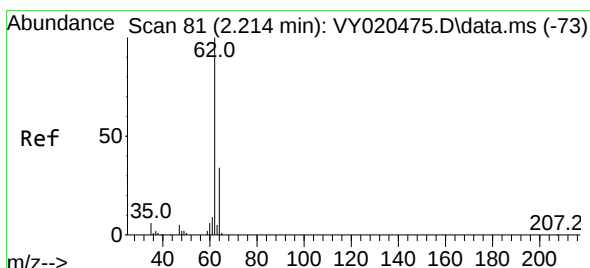
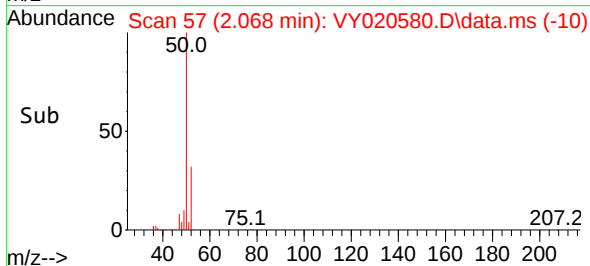
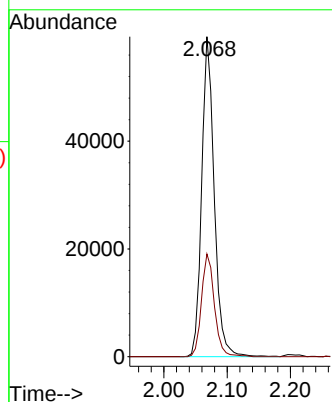


#3
Chloromethane
Concen: 47.847 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Instrument :
MSVOA_Y
ClientSampleId :

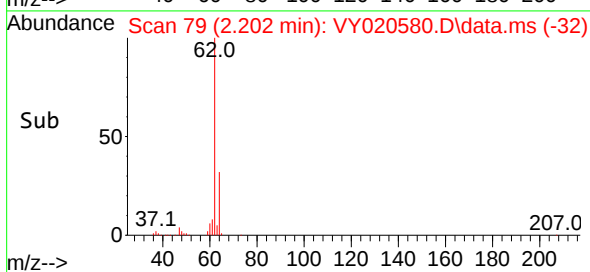
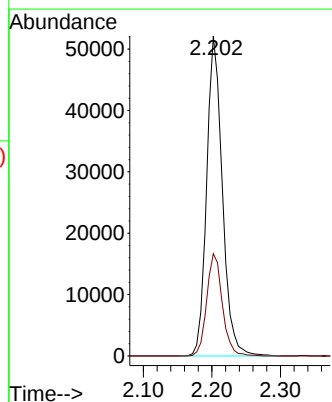
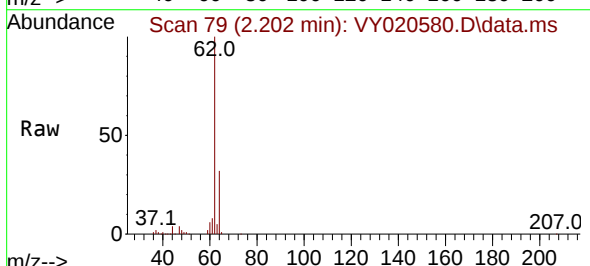


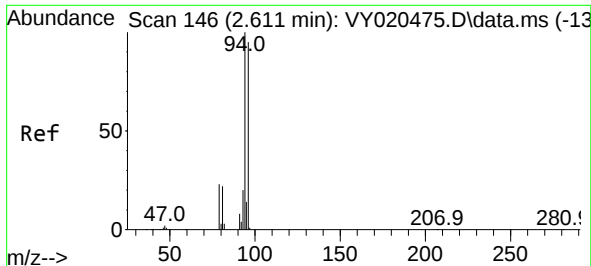
Tgt Ion: 50 Resp: 81959
Ion Ratio Lower Upper
50 100
52 32.1 26.9 40.3



#4
Vinyl Chloride
Concen: 47.656 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.012 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Tgt Ion: 62 Resp: 83230
Ion Ratio Lower Upper
62 100
64 32.0 24.7 37.1

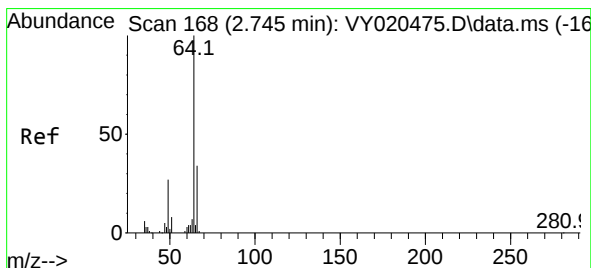
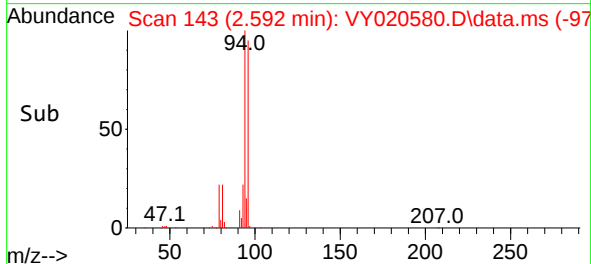
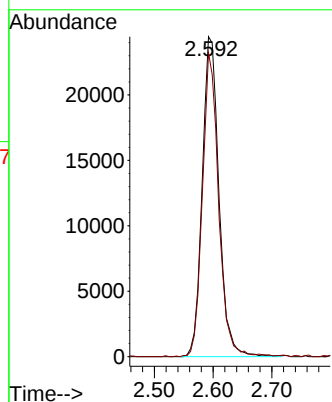
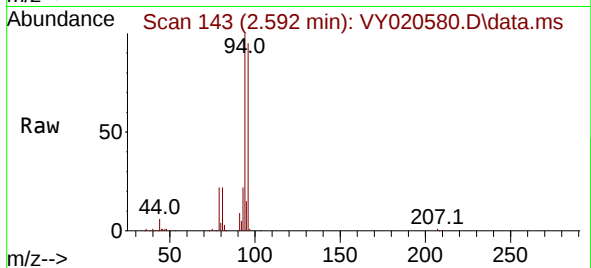




#5
Bromomethane
Concen: 47.242 ug/l
RT: 2.592 min Scan# 146
Delta R.T. -0.018 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

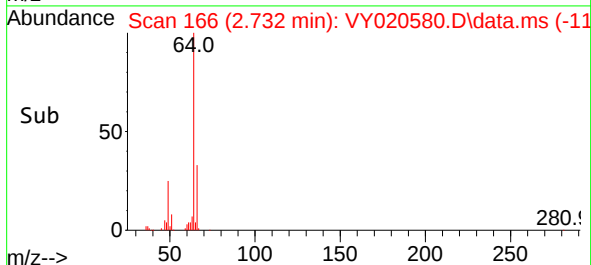
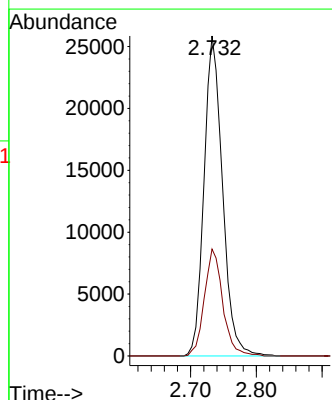
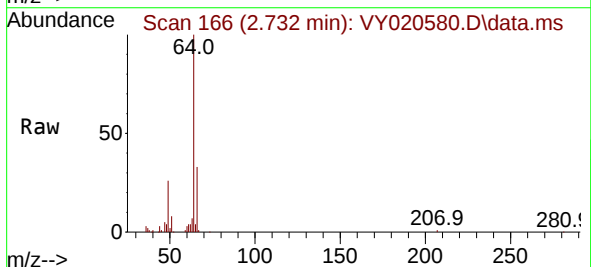
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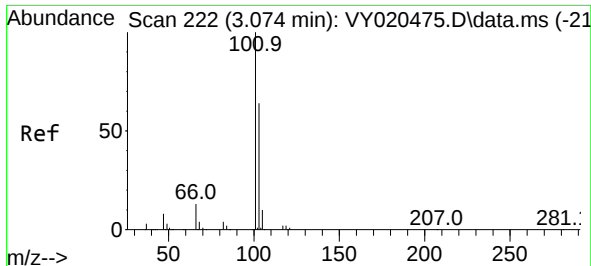
Tgt Ion: 94 Resp: 48410
Ion Ratio Lower Upper
94 100
96 95.0 75.4 113.2



#6
Chloroethane
Concen: 47.216 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.012 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Tgt Ion: 64 Resp: 50542
Ion Ratio Lower Upper
64 100
66 33.4 25.7 38.5

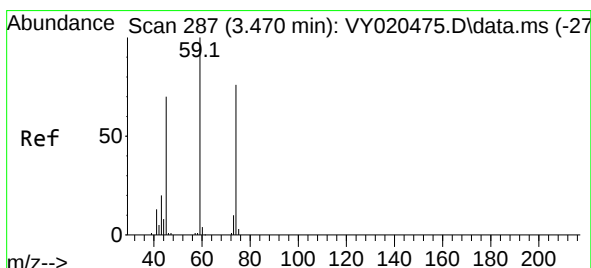
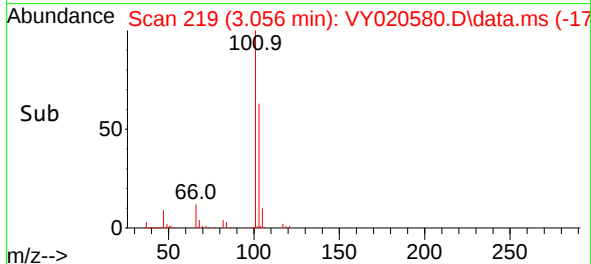
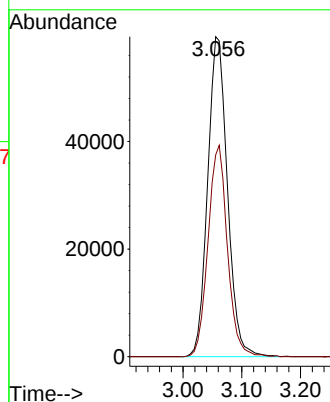
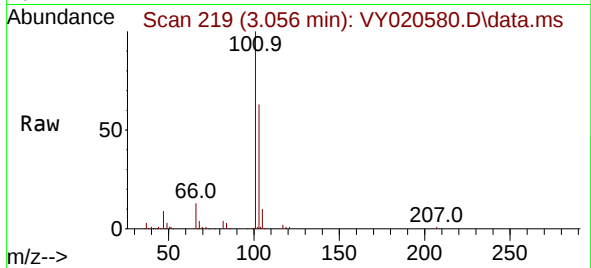




#7
 Trichlorofluoromethane
 Concen: 42.447 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: VY020580.D
 Acq: 11 Dec 2024 11:11

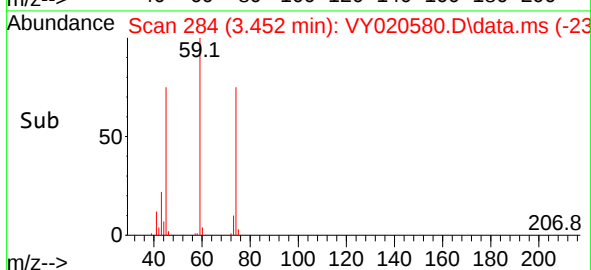
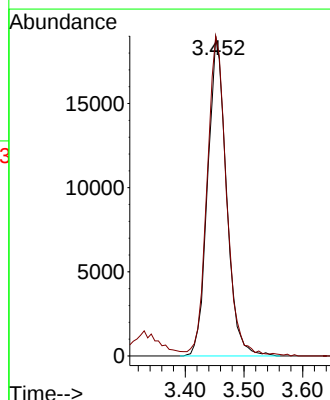
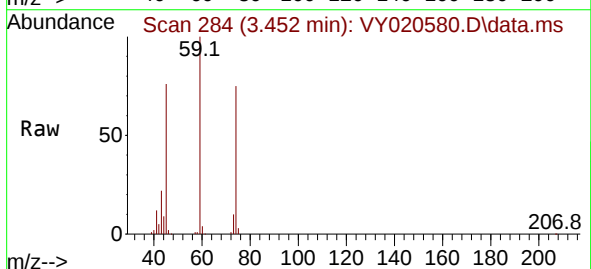
Instrument :
 MSVOA_Y
 ClientSampleId :

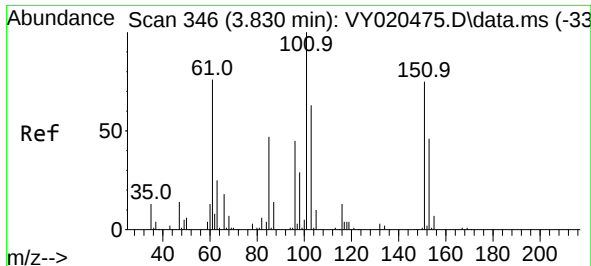
Tgt Ion:101 Resp: 138845
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.5 77.3



#8
 Diethyl Ether
 Concen: 45.371 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.018 min
 Lab File: VY020580.D
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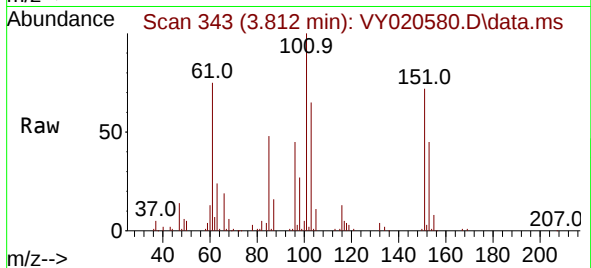
Tgt Ion: 74 Resp: 42050
 Ion Ratio Lower Upper
 74 100
 45 102.1 53.6 160.8



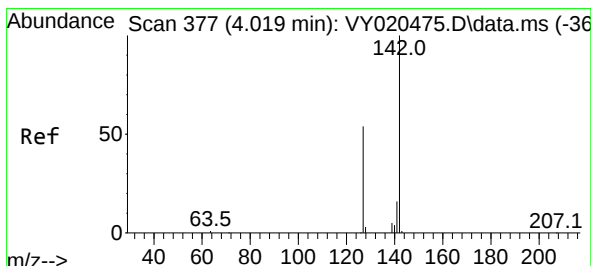
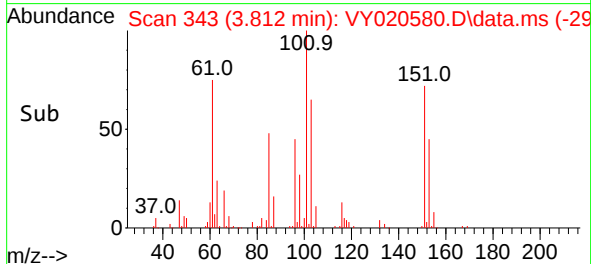
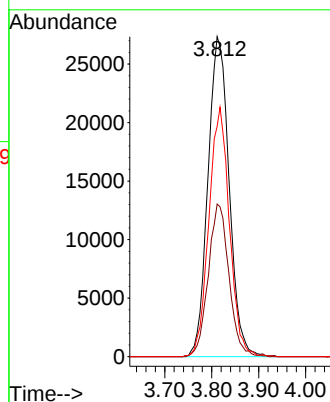


#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.004 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Instrument :
MSVOA_Y
ClientSampleId :

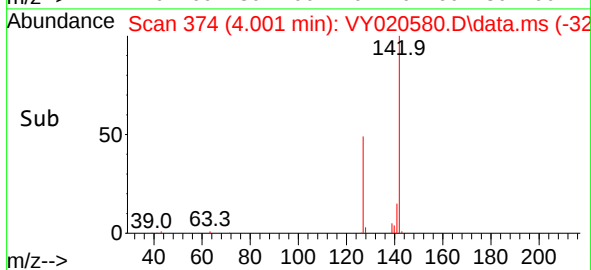
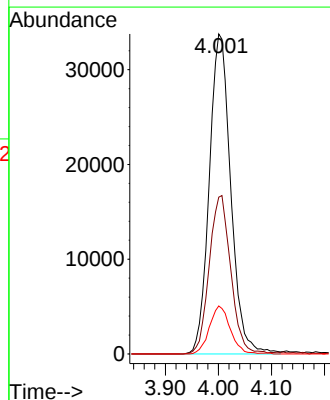
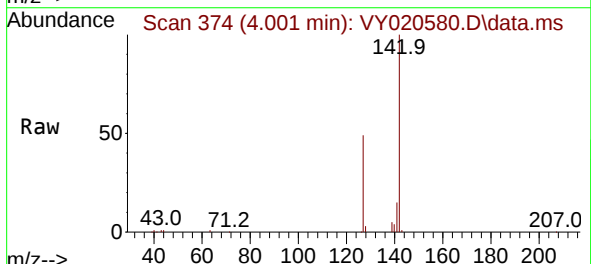


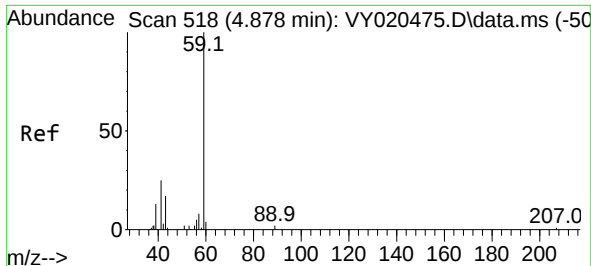
Tgt Ion:101 Resp: 85774
Ion Ratio Lower Upper
101 100
85 46.5 38.0 57.0
151 75.2 59.6 89.4



#10
Methyl Iodide
Concen: 44.452 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.018 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Tgt Ion:142 Resp: 95109
Ion Ratio Lower Upper
142 100
127 49.6 38.9 58.3
141 14.5 11.7 17.5

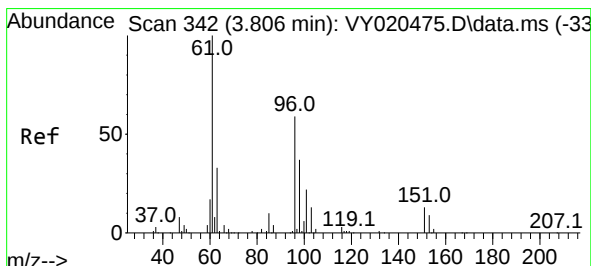
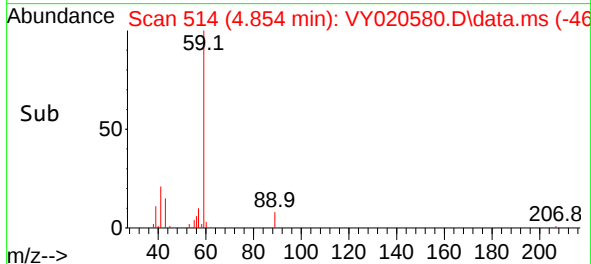
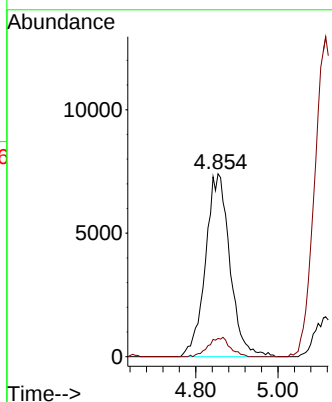
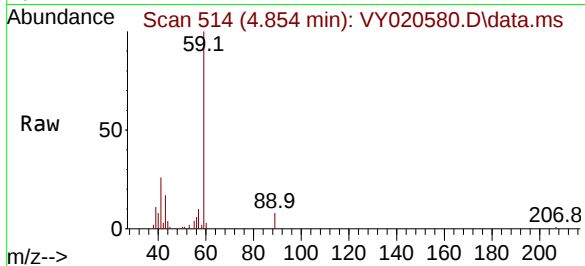




#11
Tert butyl alcohol
Concen: 267.140 ug/l
RT: 4.854 min Scan# 518
Delta R.T. -0.024 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

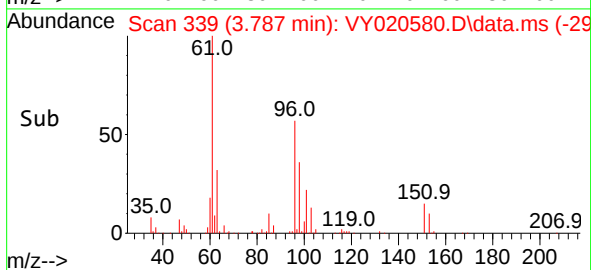
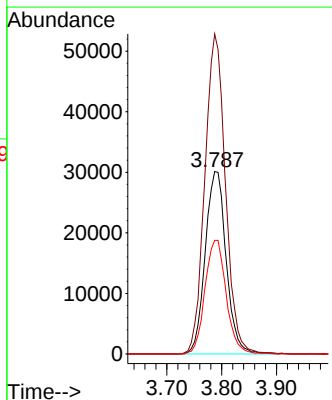
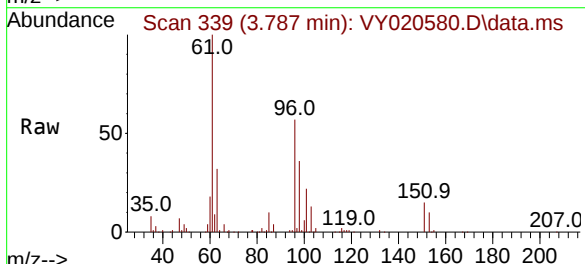
Instrument :
MSVOA_Y
ClientSampleId :

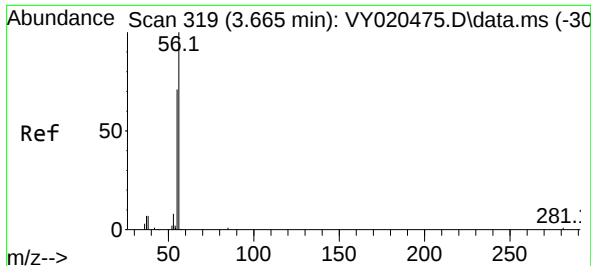
Tgt Ion: 59 Resp: 30567
Ion Ratio Lower Upper
59 100
57 9.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 44.347 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.018 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

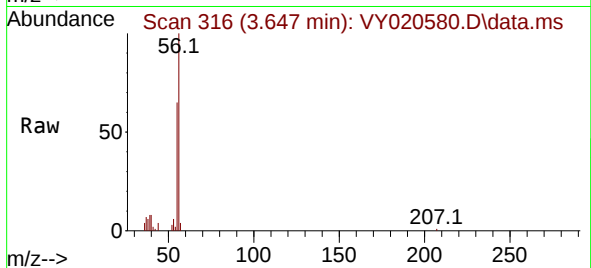
Tgt Ion: 96 Resp: 79843
Ion Ratio Lower Upper
96 100
61 175.4 143.3 214.9
98 62.3 49.8 74.8



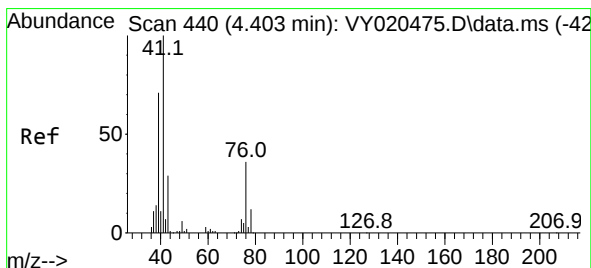
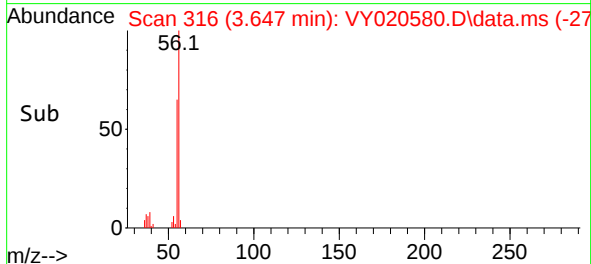
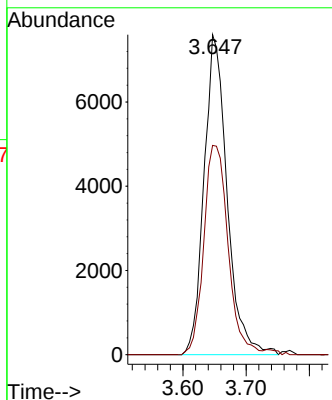


#13
Acrolein
Concen: 179.893 ug/l
RT: 3.647 min Scan# 319
Delta R.T. -0.018 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Instrument :
MSVOA_Y
ClientSampleId :

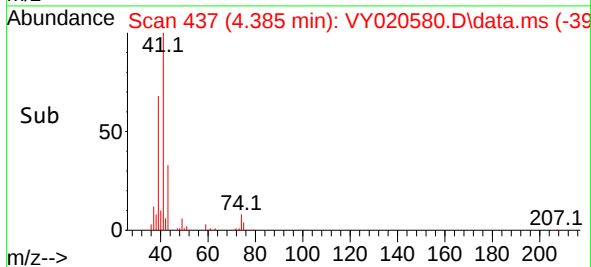
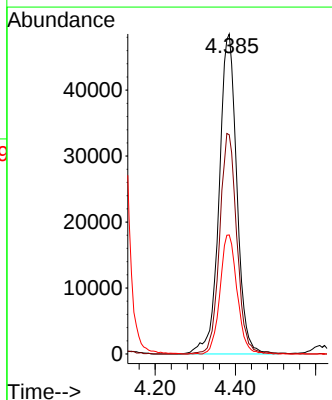
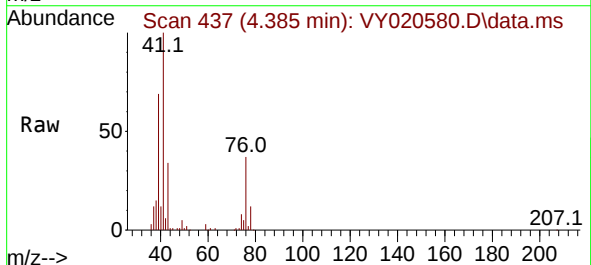


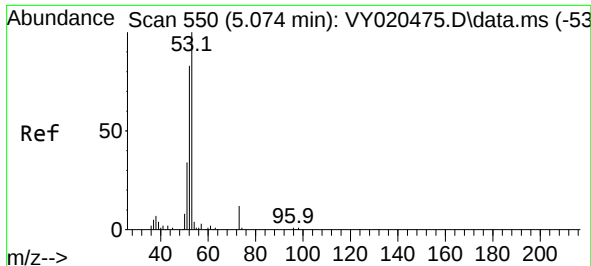
Tgt Ion: 56 Resp: 19272
Ion Ratio Lower Upper
56 100
55 68.8 57.7 86.5



#14
Allyl chloride
Concen: 46.213 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.018 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

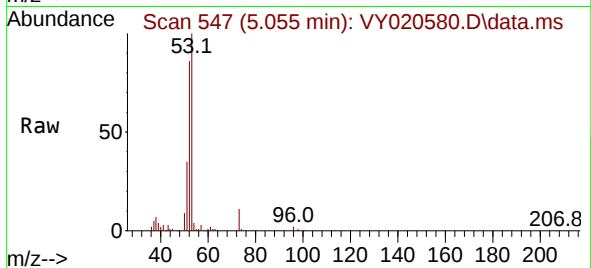
Tgt Ion: 41 Resp: 148396
Ion Ratio Lower Upper
41 100
39 66.7 58.8 88.2
76 36.0 29.7 44.5



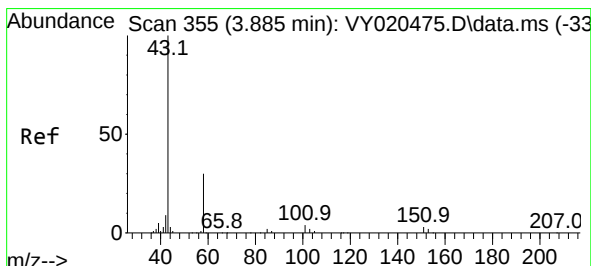
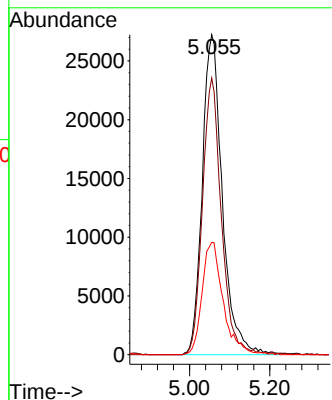
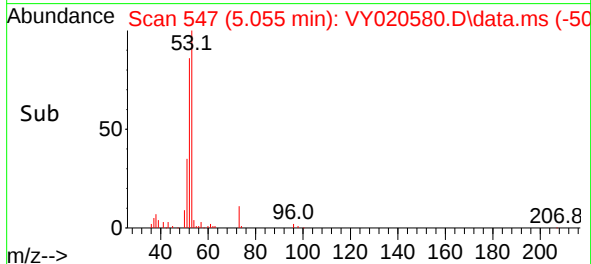


#15
Acrylonitrile
Concen: 245.115 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Instrument :
MSVOA_Y
ClientSampleId :

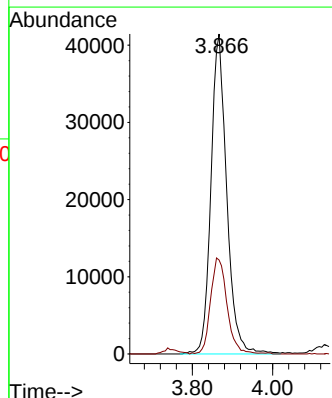
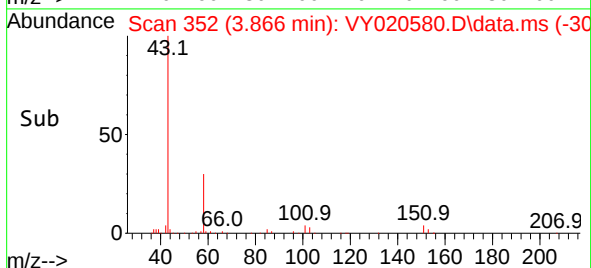
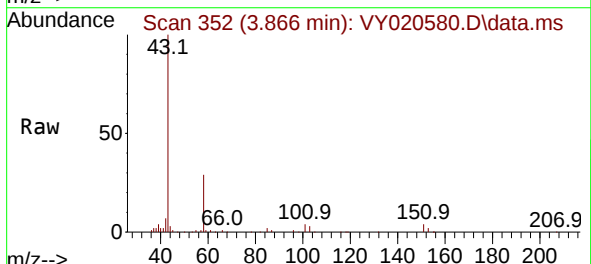


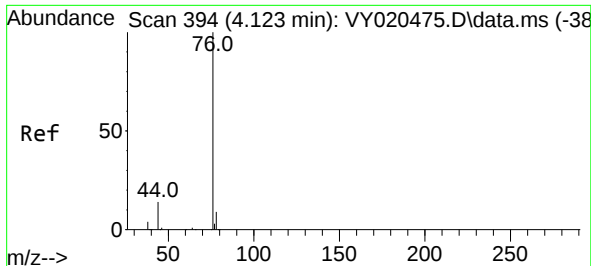
Tgt Ion: 53 Resp: 94653
Ion Ratio Lower Upper
53 100
52 81.3 65.2 97.8
51 37.0 30.2 45.4



#16
Acetone
Concen: 257.524 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.018 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Tgt Ion: 43 Resp: 112948
Ion Ratio Lower Upper
43 100
58 29.4 25.7 38.5

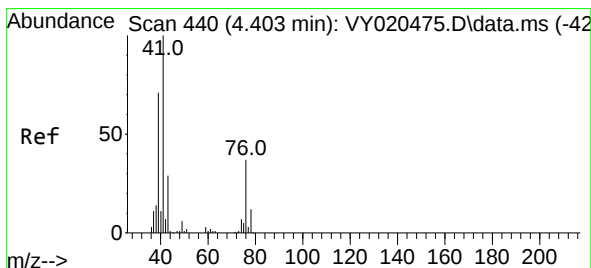
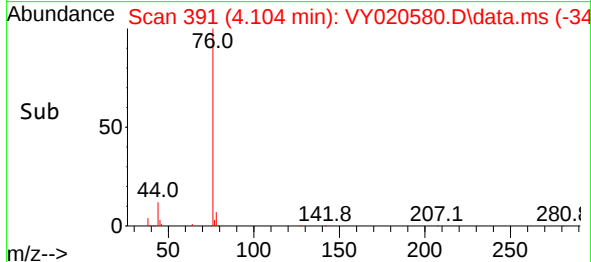
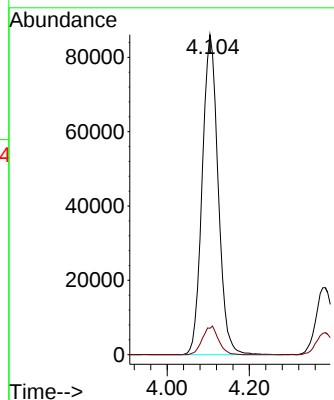
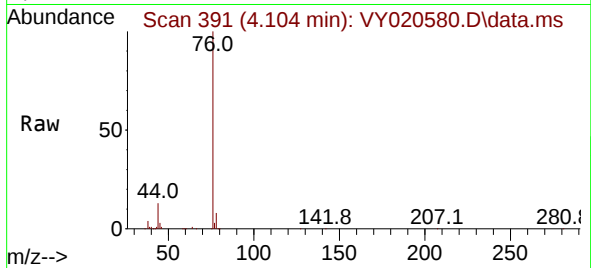




#17
Carbon Disulfide
Concen: 44.850 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.018 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

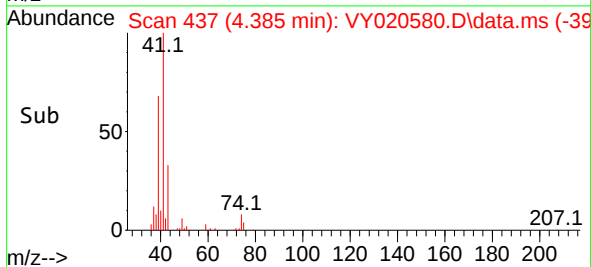
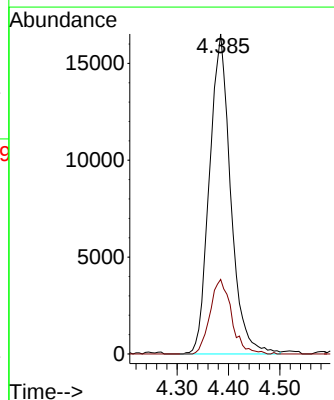
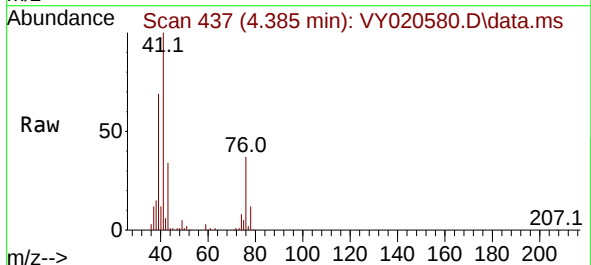
Instrument :
MSVOA_Y
ClientSampleId :

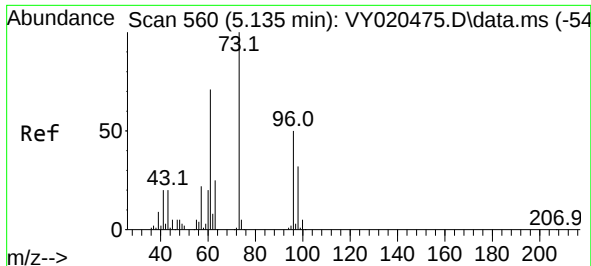
Tgt Ion: 76 Resp: 231109
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9



#18
Methyl Acetate
Concen: 50.895 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.018 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

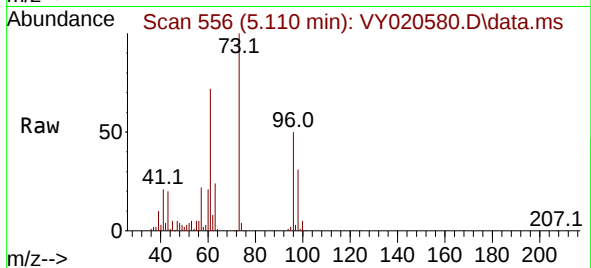
Tgt Ion: 43 Resp: 47444
Ion Ratio Lower Upper
43 100
74 23.5 18.6 27.8



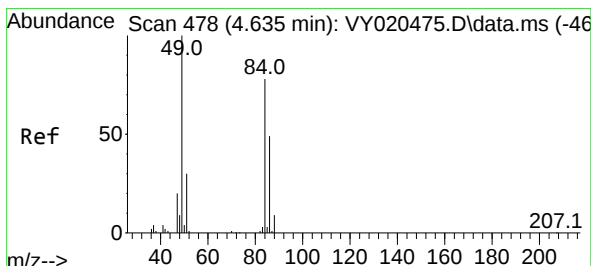
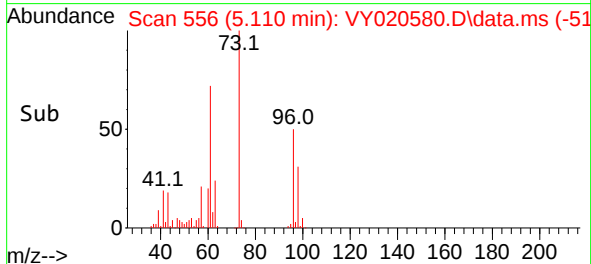
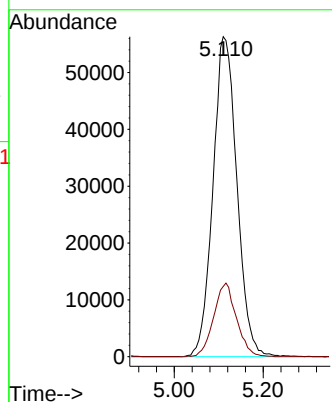


#19
Methyl tert-butyl Ether
Concen: 45.716 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Instrument :
MSVOA_Y
ClientSampleId :

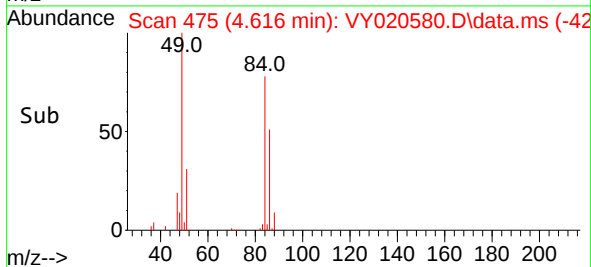
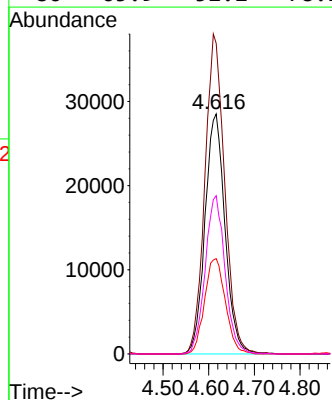
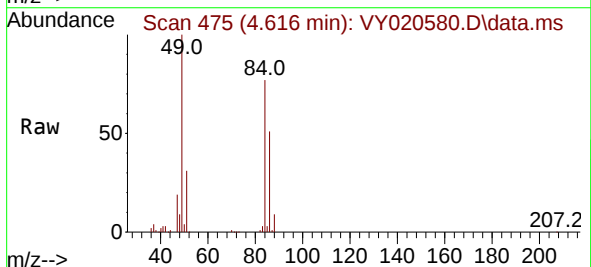


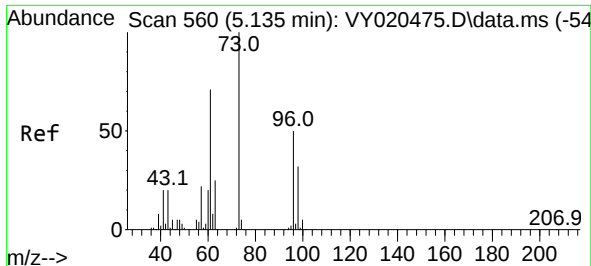
Tgt Ion: 73 Resp: 210197
Ion Ratio Lower Upper
73 100
57 22.0 18.0 27.0



#20
Methylene Chloride
Concen: 46.621 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.018 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

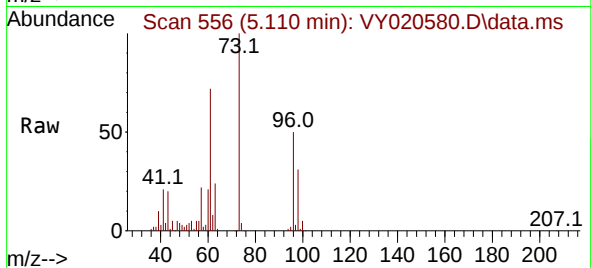
Tgt Ion: 84 Resp: 86982
Ion Ratio Lower Upper
84 100
49 129.4 104.7 157.1
51 39.7 33.4 50.0
86 65.9 52.2 78.2



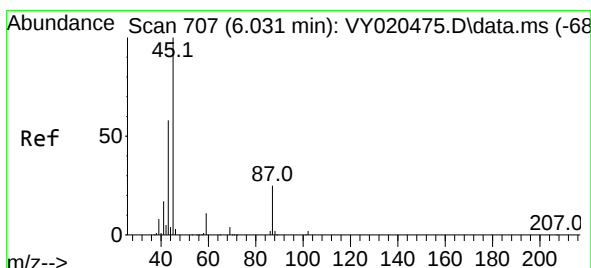
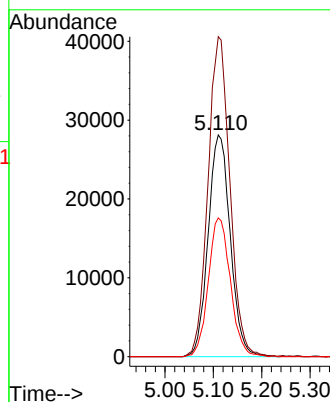
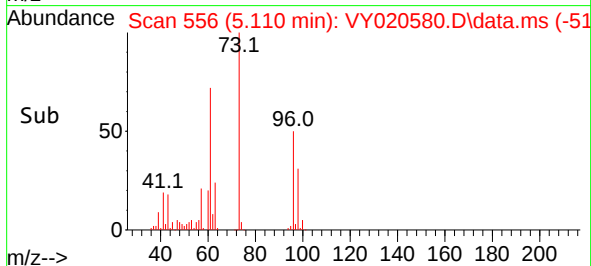


#21
trans-1,2-Dichloroethene
Concen: 44.721 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Instrument :
MSVOA_Y
ClientSampleId :

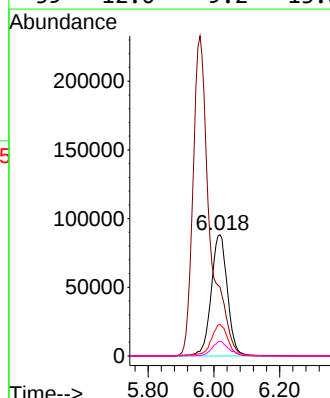
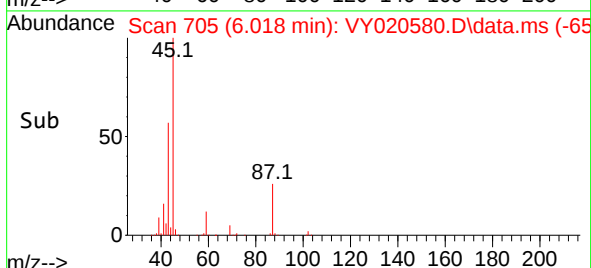
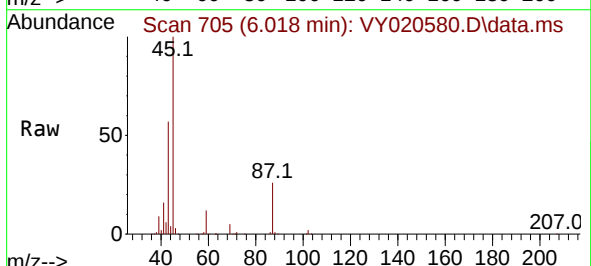


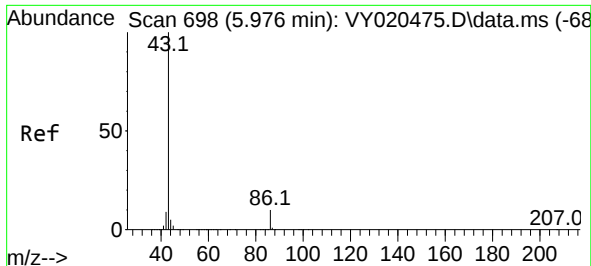
Tgt Ion: 96 Resp: 89430
Ion Ratio Lower Upper
96 100
61 144.3 111.6 167.4
98 62.5 46.7 70.1



#22
Diisopropyl ether
Concen: 47.386 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.012 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

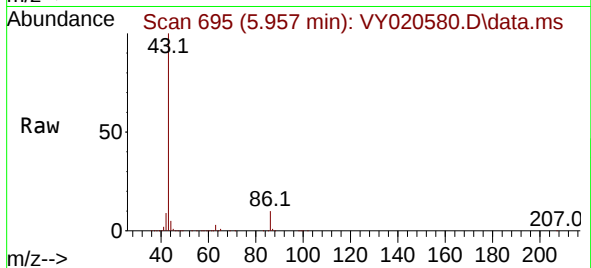
Tgt Ion: 45 Resp: 302576
Ion Ratio Lower Upper
45 100
43 56.5 44.8 67.2
87 26.0 20.6 30.8
59 12.0 9.2 13.8



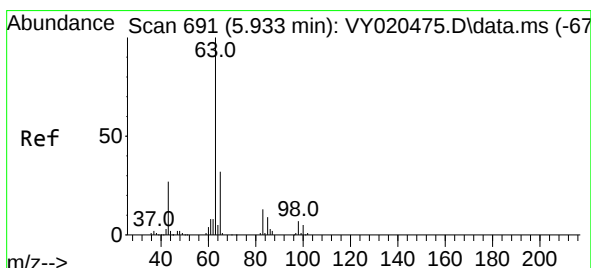
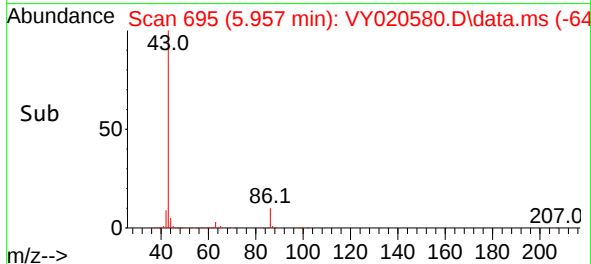
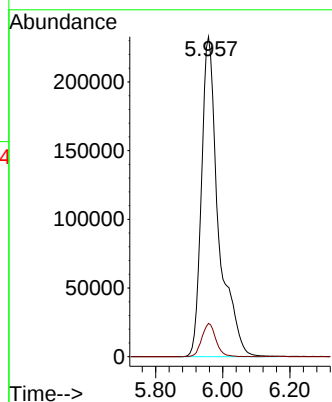


#23
 Vinyl Acetate
 Concen: 243.428 ug/l
 RT: 5.957 min Scan# 64
 Delta R.T. -0.018 min
 Lab File: VY020580.D
 Acq: 11 Dec 2024 11:11

Instrument :
 MSVOA_Y
 ClientSampleId :

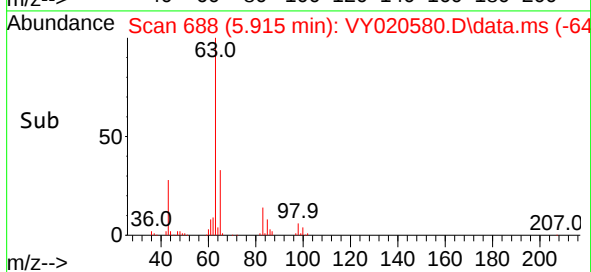
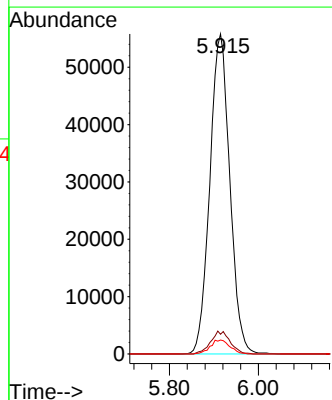
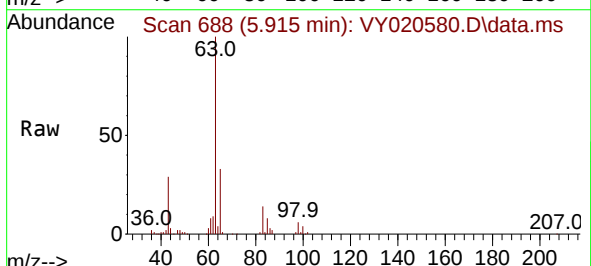


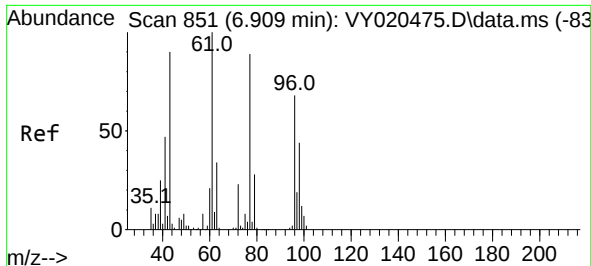
Tgt Ion: 43 Resp: 822159
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 45.332 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.018 min
 Lab File: VY020580.D
 Acq: 11 Dec 2024 11:11

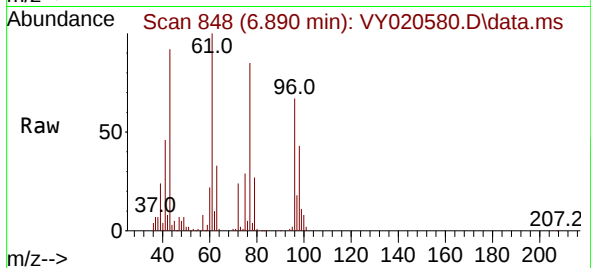
Tgt Ion: 63 Resp: 174267
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.4 10.1
 100 4.3 2.0 5.8



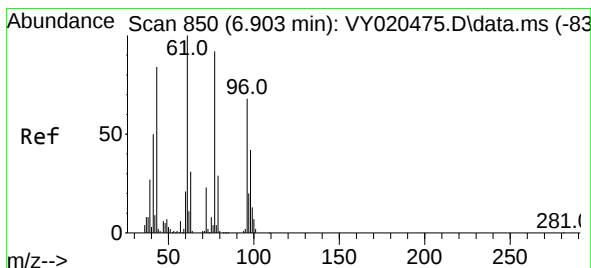
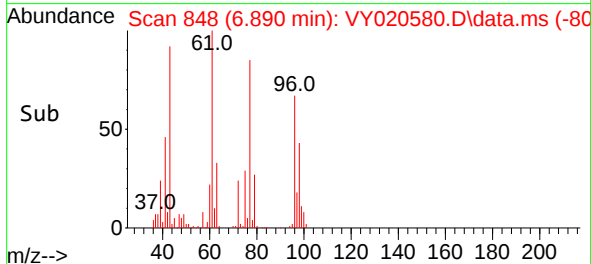
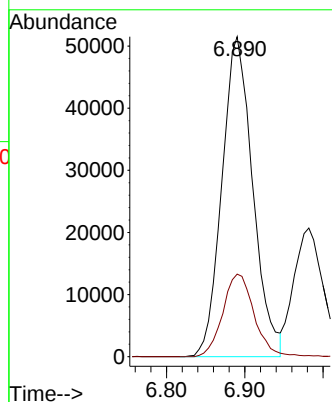


#25
2-Butanone
Concen: 254.599 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.018 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Instrument :
MSVOA_Y
ClientSampleId :

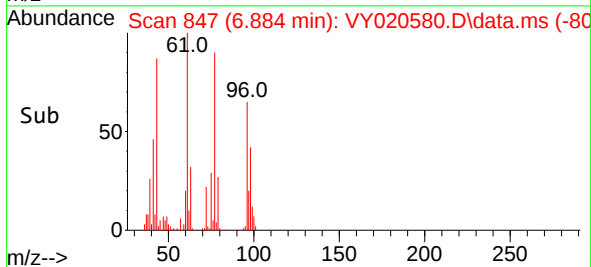
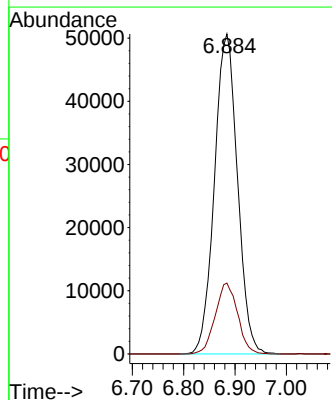
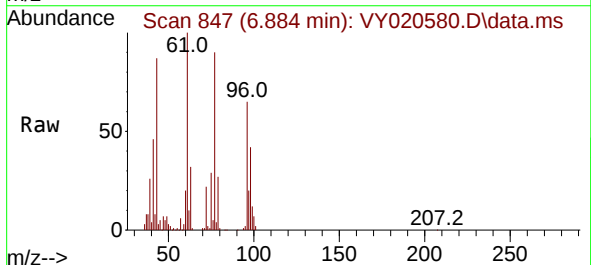


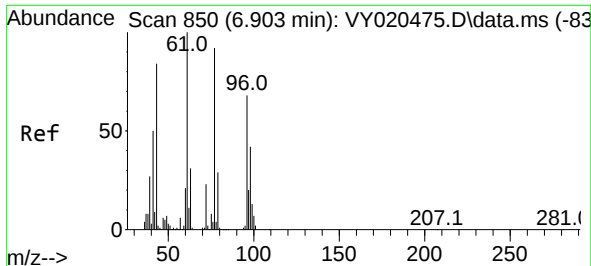
Tgt Ion: 43 Resp: 141004
Ion Ratio Lower Upper
43 100
72 25.8 20.4 30.6



#26
2,2-Dichloropropane
Concen: 43.364 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.018 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

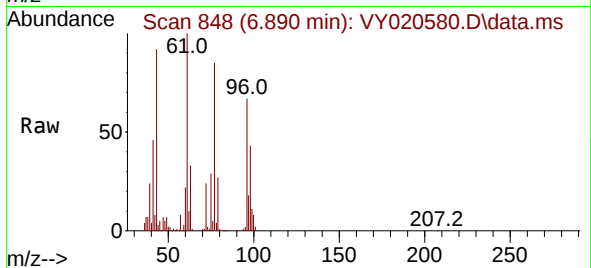
Tgt Ion: 77 Resp: 157672
Ion Ratio Lower Upper
77 100
97 21.5 10.9 32.7



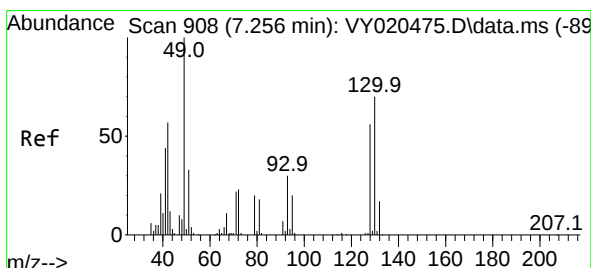
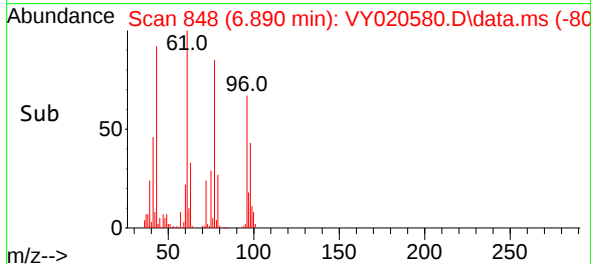
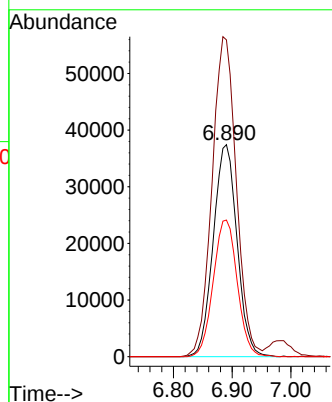


#27
 cis-1,2-Dichloroethene
 Concen: 45.065 ug/l
 RT: 6.890 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: VY020580.D
 Acq: 11 Dec 2024 11:11

Instrument :
 MSVOA_Y
 ClientSampleId :

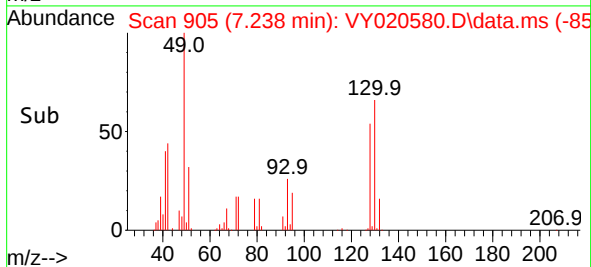
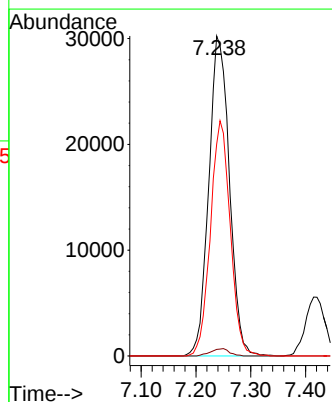
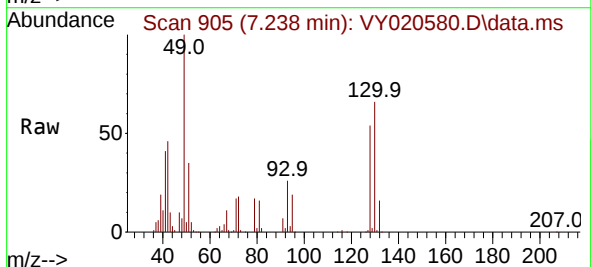


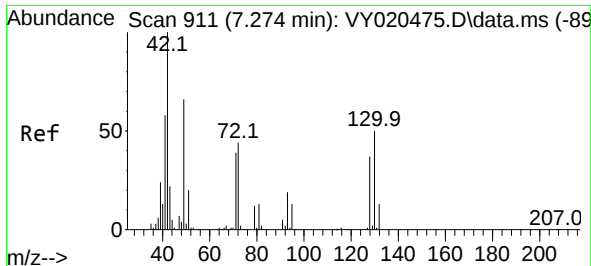
Tgt Ion: 96 Resp: 105229
 Ion Ratio Lower Upper
 96 100
 61 154.2 0.0 312.4
 98 65.1 0.0 126.8



#28
 Bromochloromethane
 Concen: 54.989 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.018 min
 Lab File: VY020580.D
 Acq: 11 Dec 2024 11:11

Tgt Ion: 49 Resp: 78940
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 70.6 55.0 82.6





#29

Tetrahydrofuran

Concen: 248.038 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.018 min

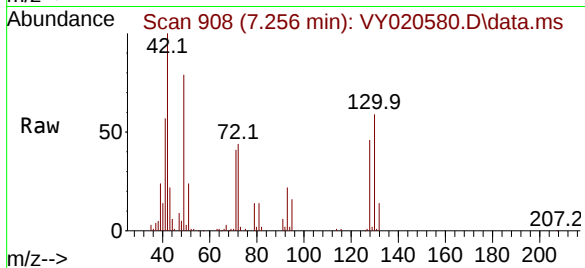
Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Instrument :

MSVOA_Y

ClientSampleId :



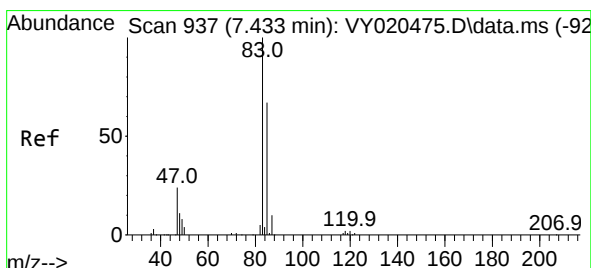
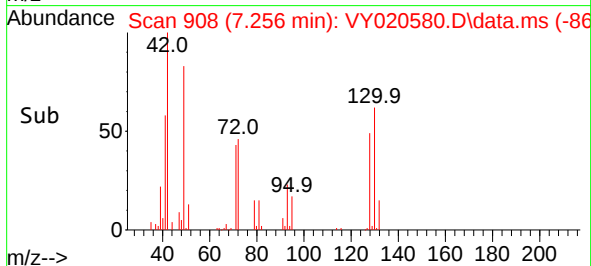
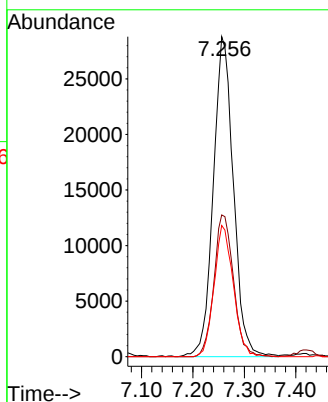
Tgt Ion: 42 Resp: 78368

Ion Ratio Lower Upper

42 100

72 43.0 33.4 50.0

71 39.2 31.9 47.9



#30

Chloroform

Concen: 44.581 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.012 min

Lab File: VY020580.D

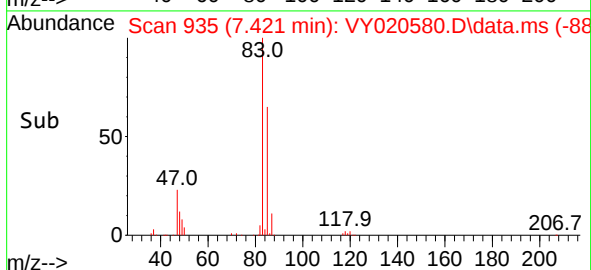
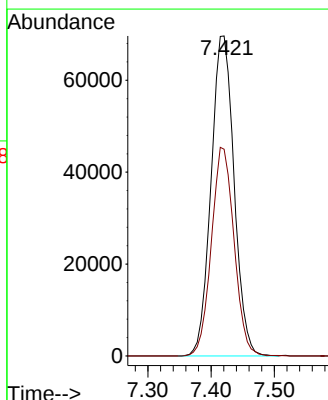
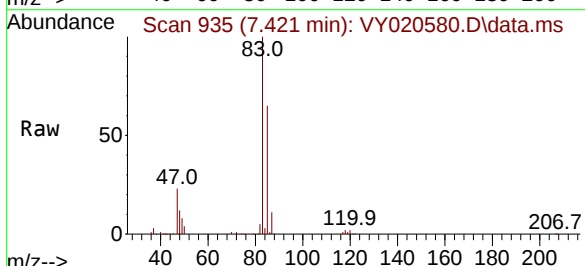
Acq: 11 Dec 2024 11:11

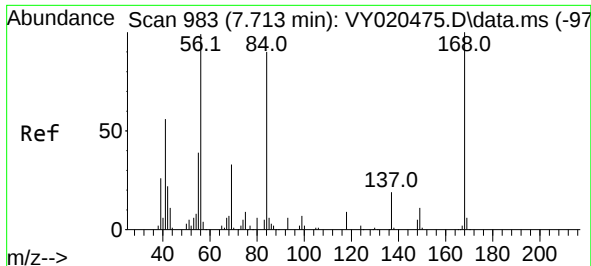
Tgt Ion: 83 Resp: 175889

Ion Ratio Lower Upper

83 100

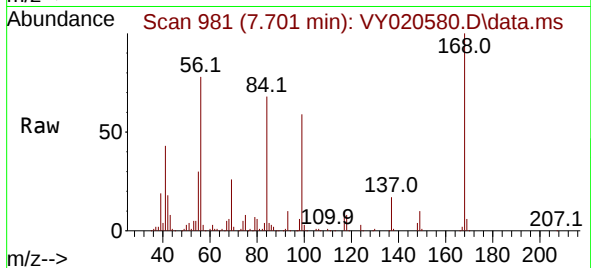
85 64.6 50.3 75.5



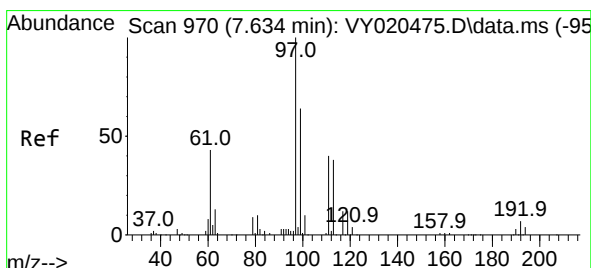
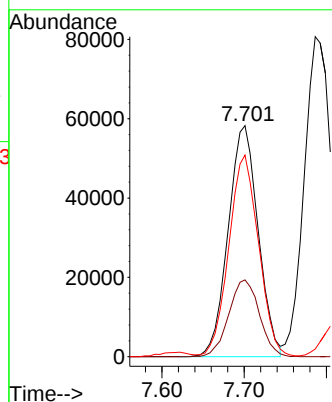
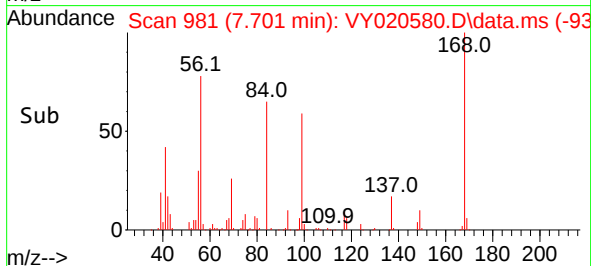


#31
Cyclohexane
Concen: 42.430 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.012 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Instrument :
MSVOA_Y
ClientSampleId :

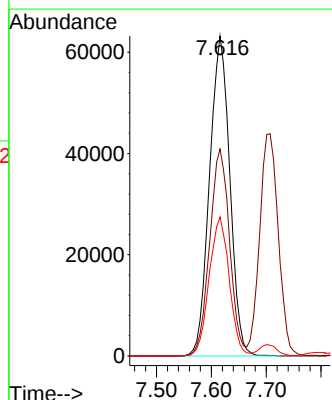
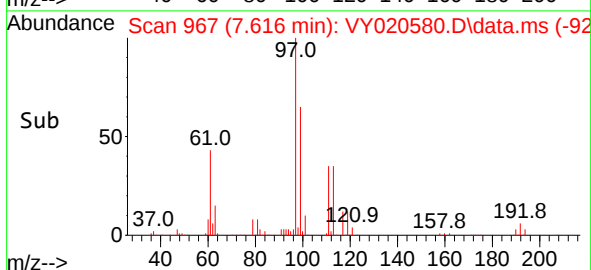
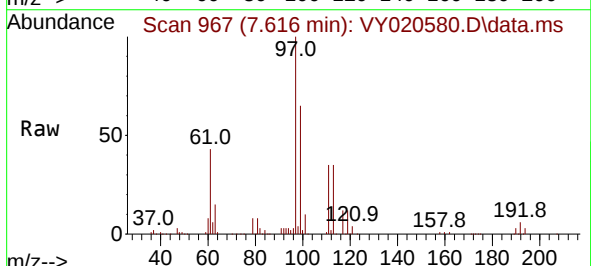


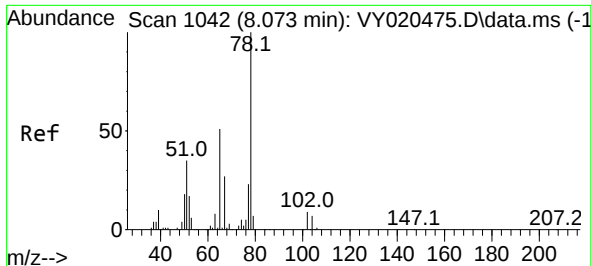
Tgt Ion: 56 Resp: 147460
Ion Ratio Lower Upper
56 100
69 33.3 25.3 37.9
84 85.4 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 42.696 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.018 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Tgt Ion: 97 Resp: 162203
Ion Ratio Lower Upper
97 100
99 63.7 51.8 77.6
61 43.1 37.1 55.7

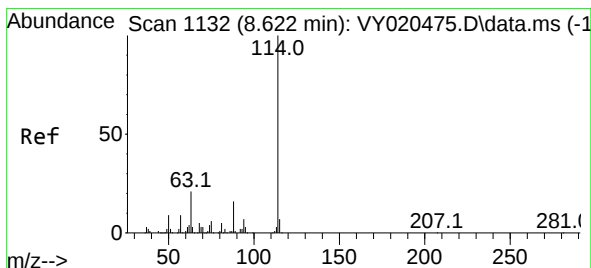
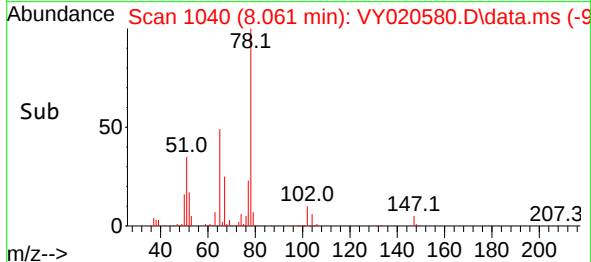
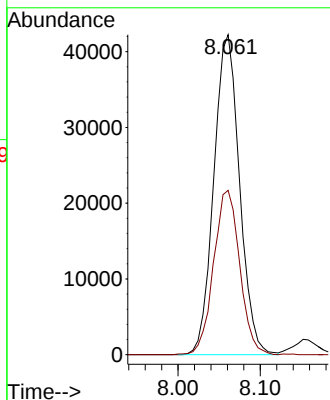
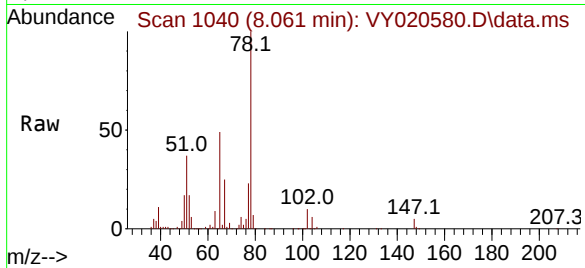




#33
 1,2-Dichloroethane-d4
 Concen: 52.112 ug/l
 RT: 8.061 min Scan# 110
 Delta R.T. -0.012 min
 Lab File: VY020580.D
 Acq: 11 Dec 2024 11:11

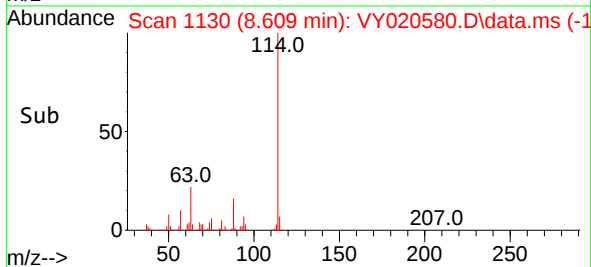
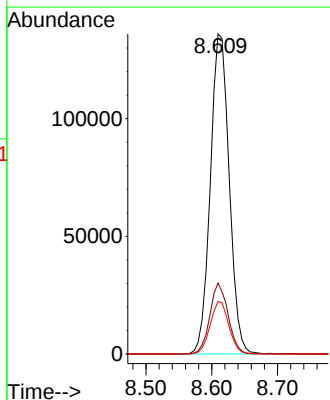
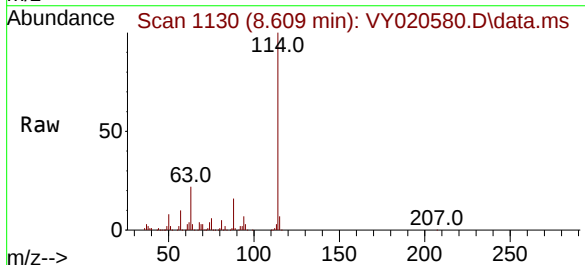
Instrument :
 MSVOA_Y
 ClientSampleId :

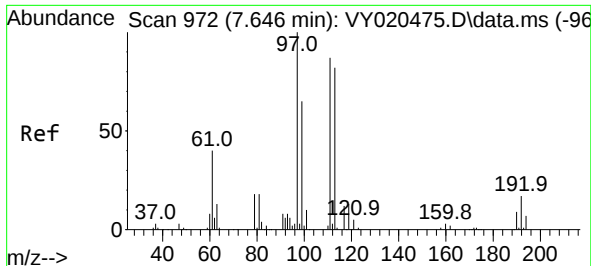
Tgt Ion: 65 Resp: 91920
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 1130
 Delta R.T. -0.012 min
 Lab File: VY020580.D
 Acq: 11 Dec 2024 11:11

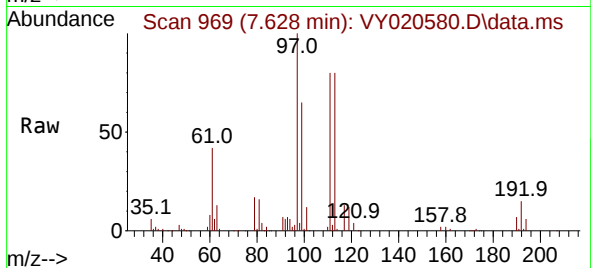
Tgt Ion: 114 Resp: 271433
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.8
 88 16.4 0.0 32.0



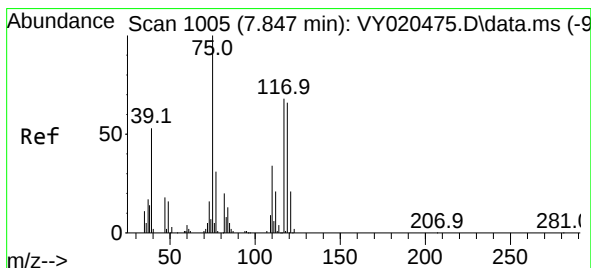
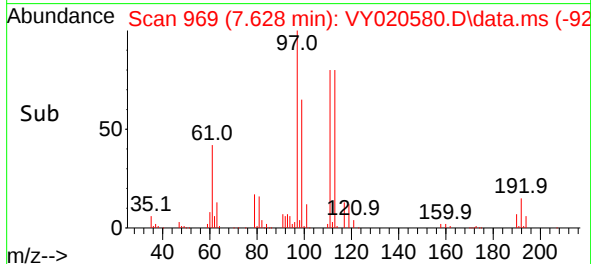
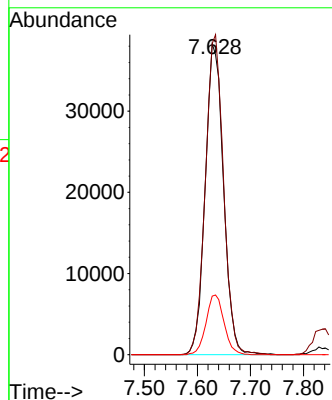


#35
Dibromofluoromethane
Concen: 53.666 ug/l
RT: 7.628 min Scan# 917
Delta R.T. -0.018 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Instrument :
MSVOA_Y
ClientSampleId :

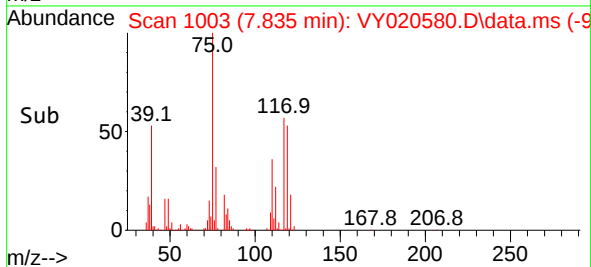
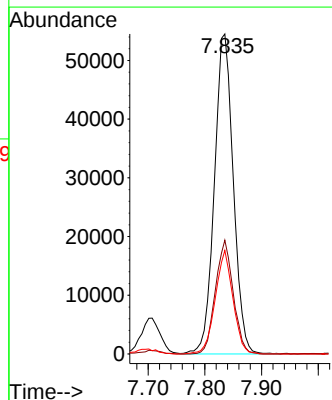
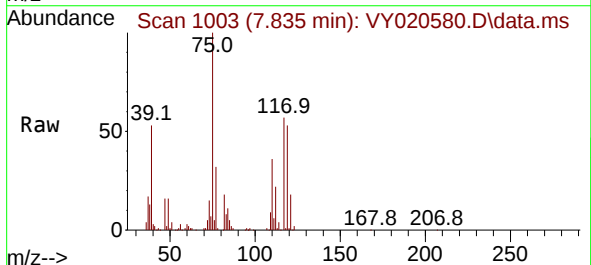


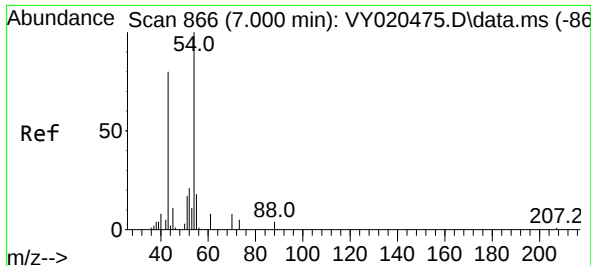
Tgt Ion:113 Resp: 91704
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 18.9 15.1 22.7



#36
1,1-Dichloropropene
Concen: 43.846 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.012 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

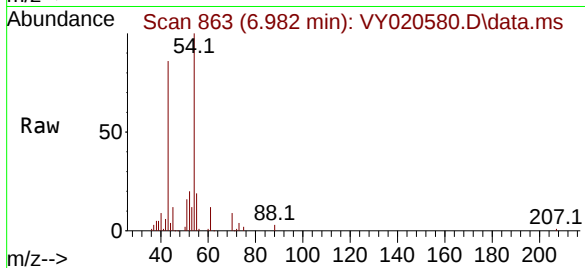
Tgt Ion: 75 Resp: 126526
Ion Ratio Lower Upper
75 100
110 33.5 16.7 50.0
77 30.3 24.6 36.8



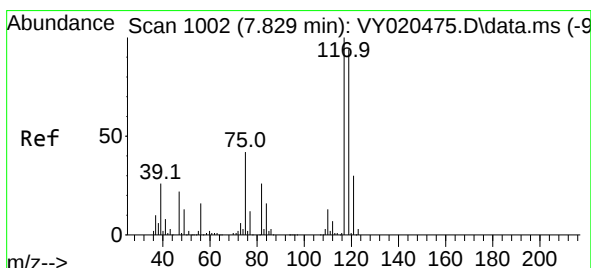
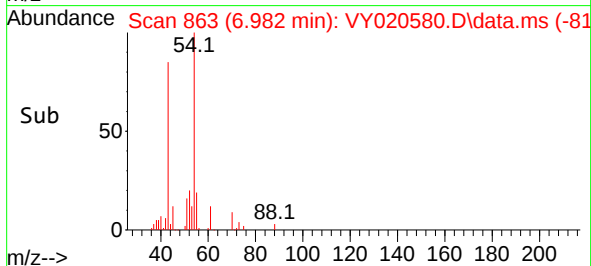
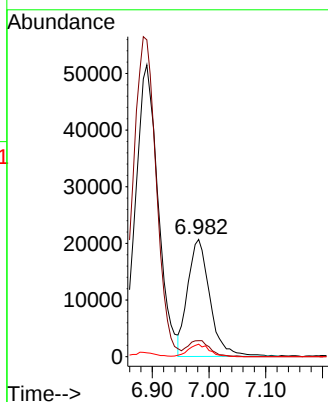


#37
Ethyl Acetate
Concen: 49.063 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.018 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Instrument :
MSVOA_Y
ClientSampleId :

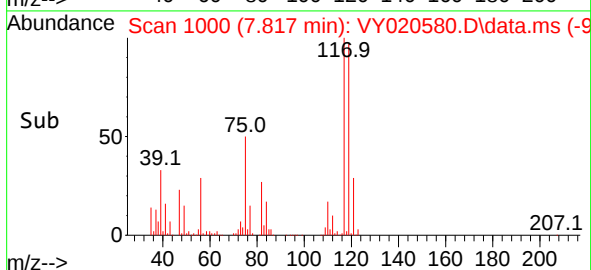
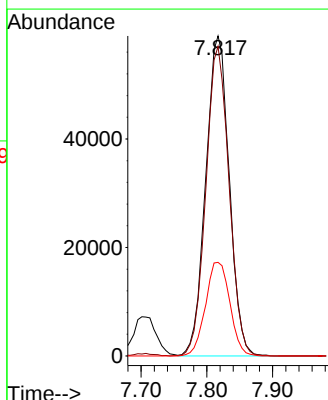
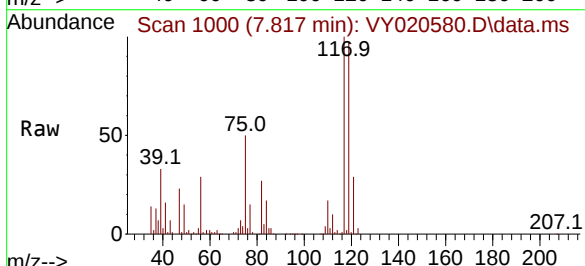


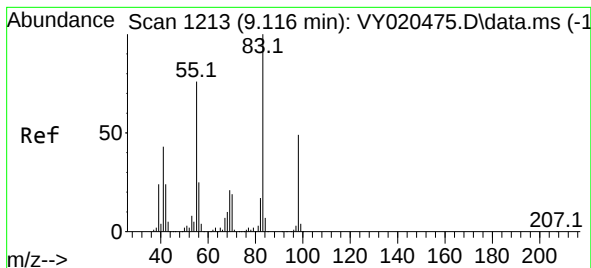
Tgt Ion: 43 Resp: 56090
Ion Ratio Lower Upper
43 100
61 13.9 10.7 16.1
70 10.0 7.3 10.9



#38
Carbon Tetrachloride
Concen: 42.642 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.012 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Tgt Ion: 117 Resp: 146860
Ion Ratio Lower Upper
117 100
119 96.7 77.8 116.6
121 29.3 24.6 37.0





#39

Methylcyclohexane

Concen: 44.375 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Instrument :

MSVOA_Y

ClientSampleId :

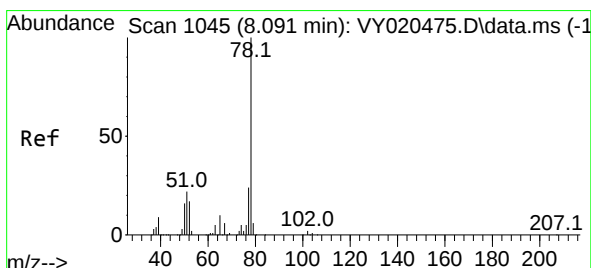
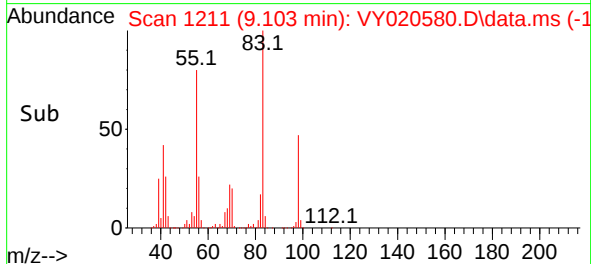
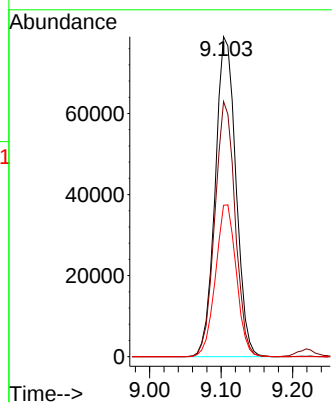
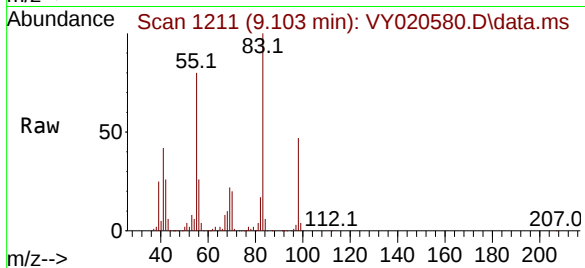
Tgt Ion: 83 Resp: 158897

Ion Ratio Lower Upper

83 100

55 79.7 62.6 93.8

98 47.3 37.0 55.4



#40

Benzene

Concen: 44.218 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.012 min

Lab File: VY020580.D

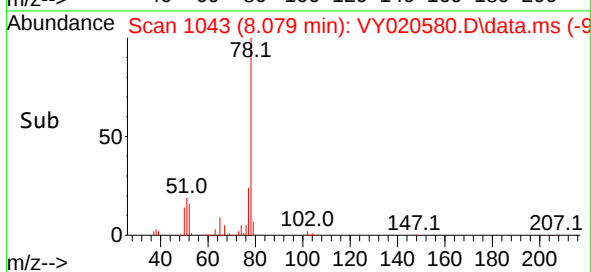
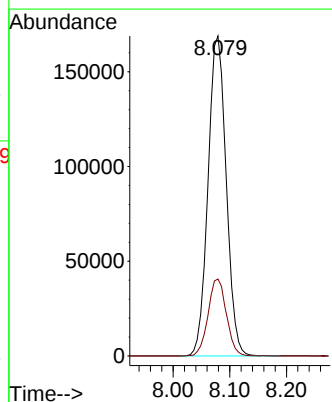
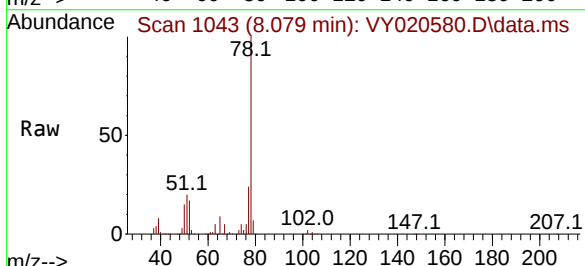
Acq: 11 Dec 2024 11:11

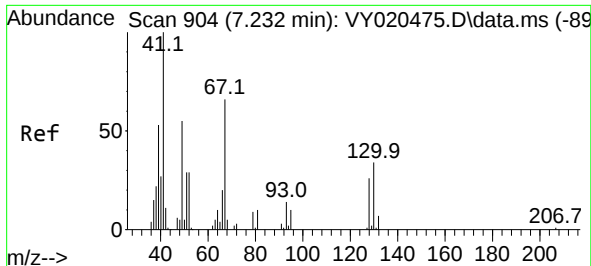
Tgt Ion: 78 Resp: 376214

Ion Ratio Lower Upper

78 100

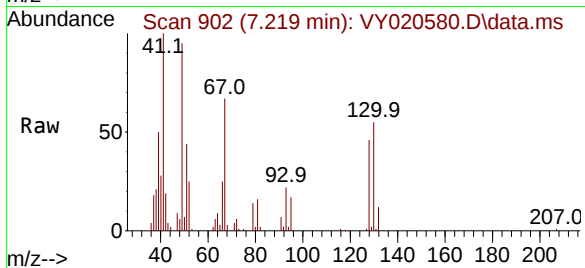
77 24.1 19.4 29.0



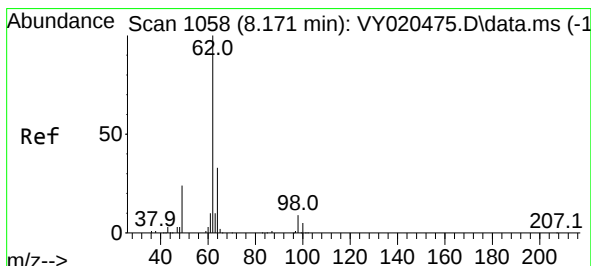
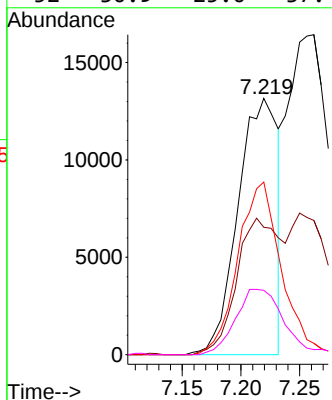
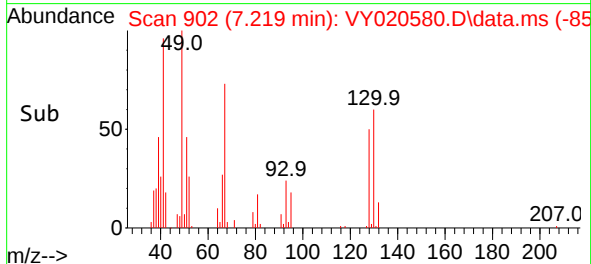


#41
Methacrylonitrile
Concen: 47.753 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Instrument :
MSVOA_Y
ClientSampleId :

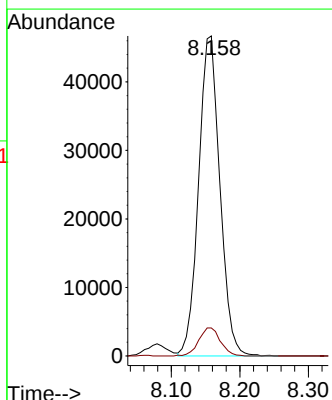
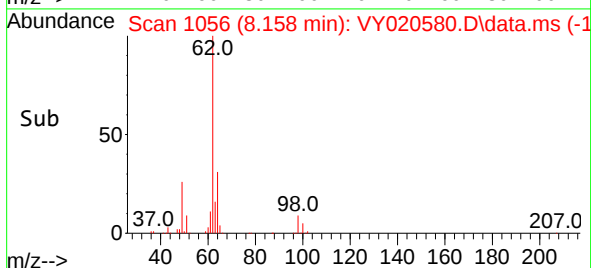
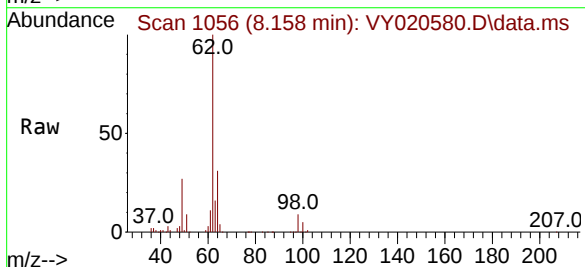


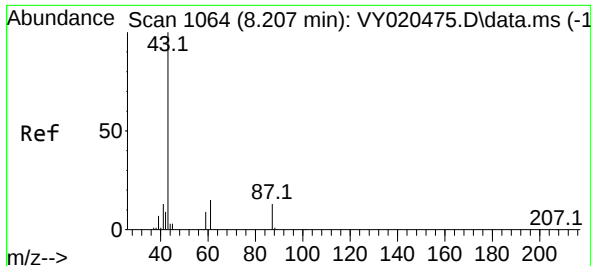
Tgt Ion:	41	Resp:	31035
Ion	Ratio	Lower	Upper
41	100		
39	60.4	49.0	73.4
67	73.3	57.1	85.7
52	30.9	25.0	37.4



#42
1,2-Dichloroethane
Concen: 45.172 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.012 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Tgt Ion:	62	Resp:	100987
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0

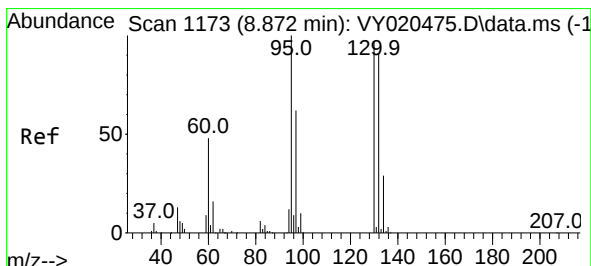
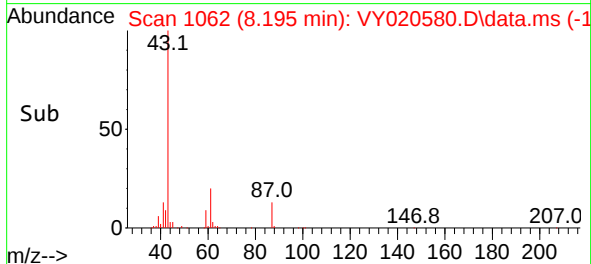
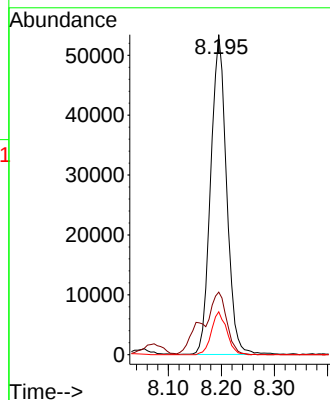
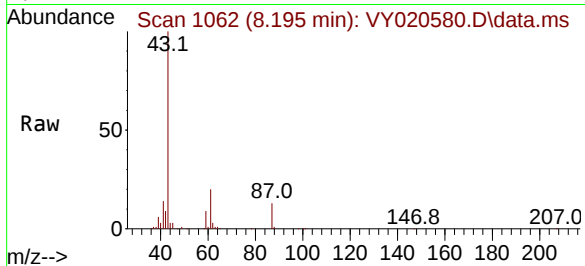




#43
Isopropyl Acetate
Concen: 48.045 ug/l
RT: 8.195 min Scan# 1109
Delta R.T. -0.012 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

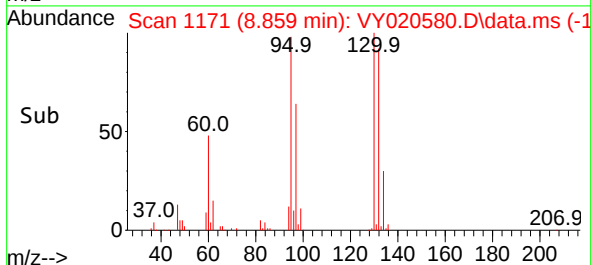
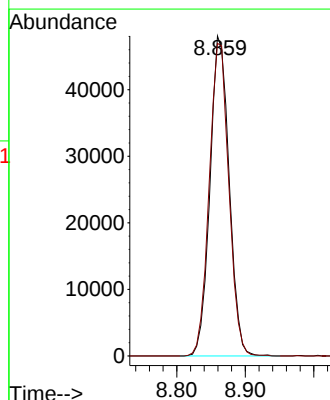
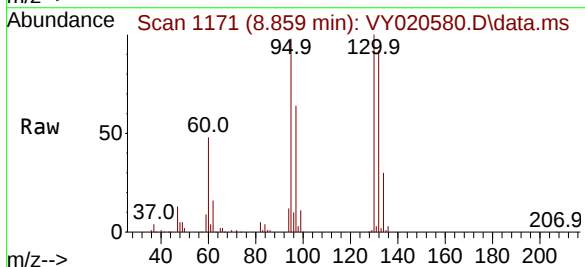
Instrument :
MSVOA_Y
ClientSampleId :

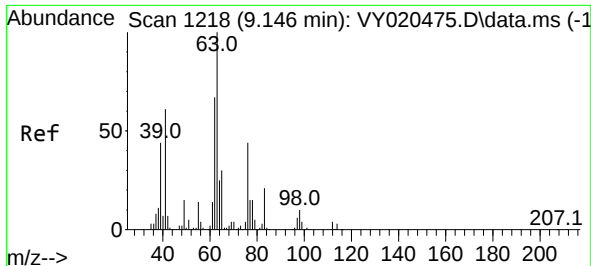
Tgt Ion: 43 Resp: 110913
Ion Ratio Lower Upper
43 100
61 19.9 22.8 34.2#
87 13.0 9.6 14.4



#44
Trichloroethene
Concen: 44.553 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.012 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Tgt Ion:130 Resp: 93447
Ion Ratio Lower Upper
130 100
95 97.7 0.0 204.8





#45

1,2-Dichloropropane

Concen: 44.888 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Instrument :

MSVOA_Y

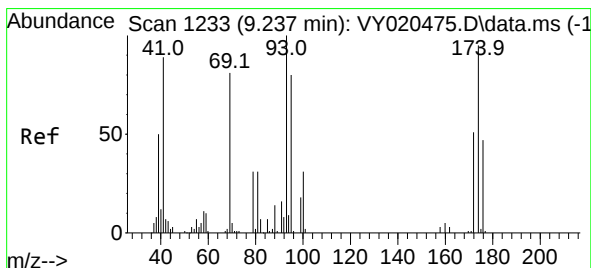
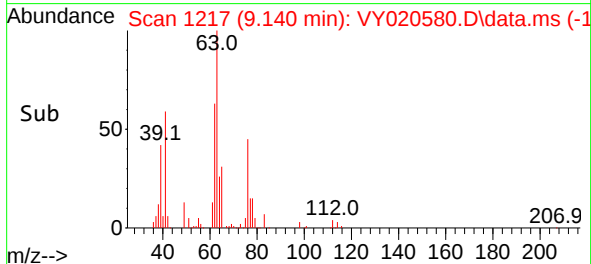
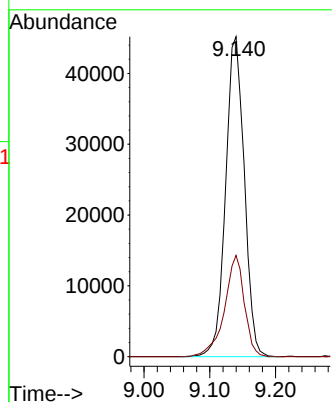
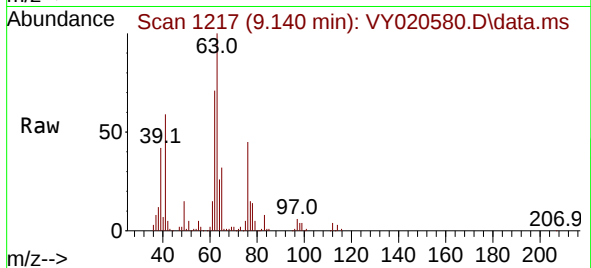
ClientSampleId :

Tgt Ion: 63 Resp: 89370

Ion Ratio Lower Upper

63 100

65 31.7 24.2 36.4



#46

Dibromomethane

Concen: 46.630 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.012 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

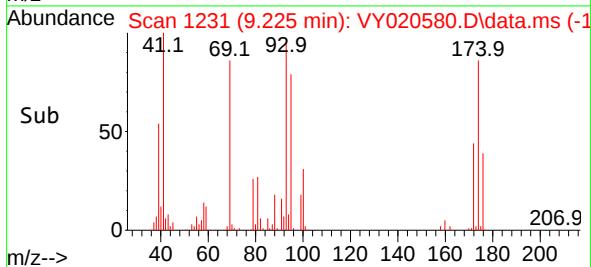
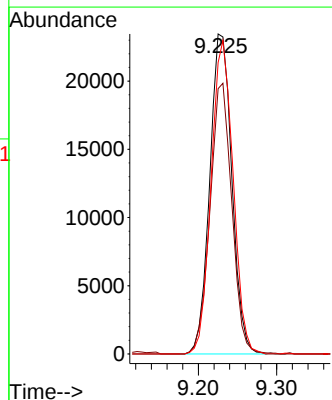
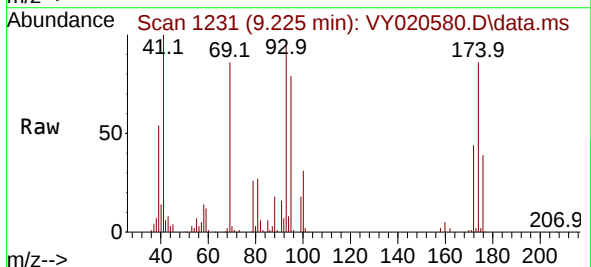
Tgt Ion: 93 Resp: 45966

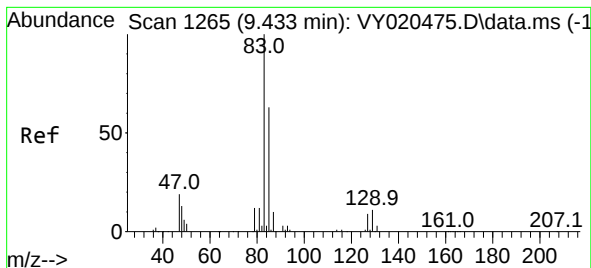
Ion Ratio Lower Upper

93 100

95 83.5 65.3 97.9

174 97.3 74.4 111.6





#47

Bromodichloromethane

Concen: 44.752 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. -0.012 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Instrument :

MSVOA_Y

ClientSampleId :

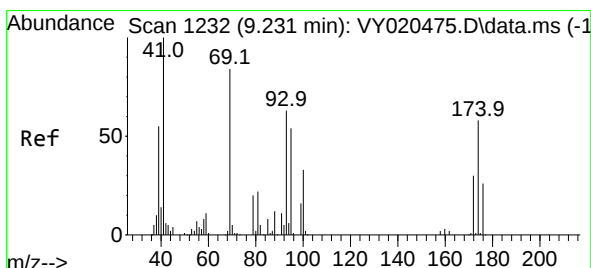
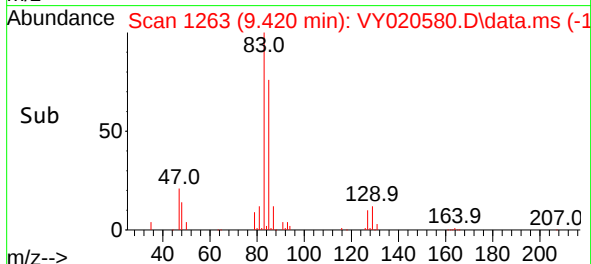
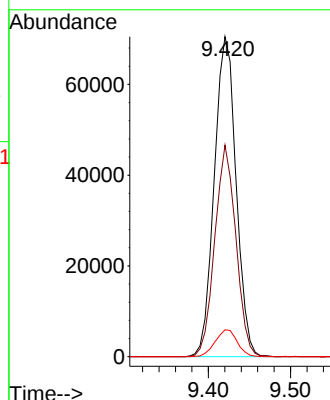
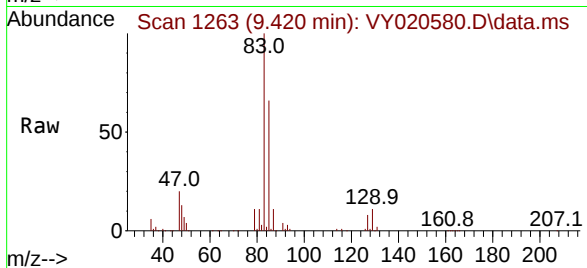
Tgt Ion: 83 Resp: 129973

Ion Ratio Lower Upper

83 100

85 66.1 51.4 77.2

127 8.4 6.3 9.5



#48

Methyl methacrylate

Concen: 48.921 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.012 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

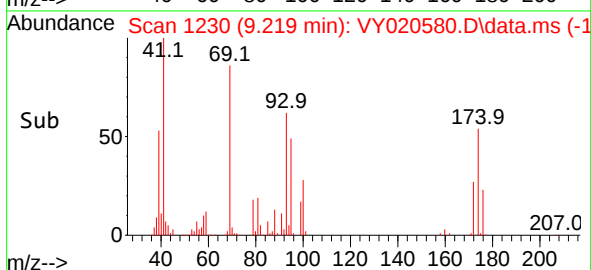
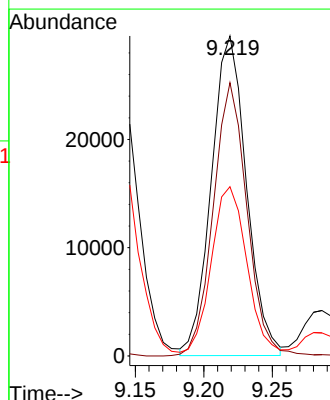
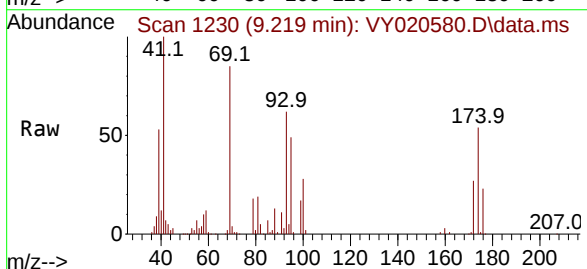
Tgt Ion: 41 Resp: 52663

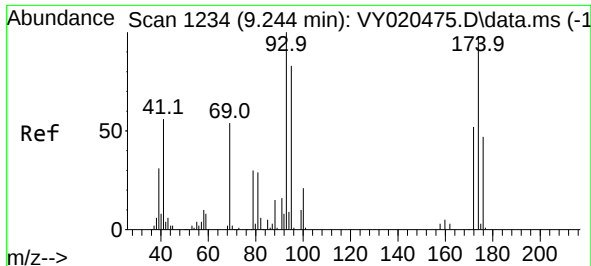
Ion Ratio Lower Upper

41 100

69 82.4 66.1 99.1

39 51.7 46.0 69.0





#49

1,4-Dioxane

Concen: 1090.364 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.018 min

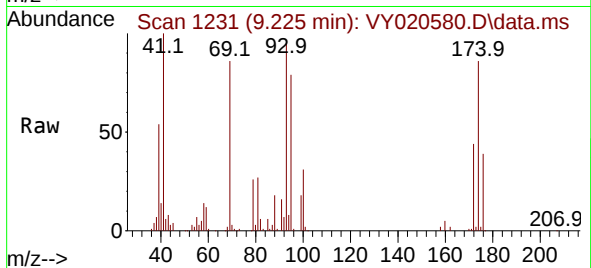
Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Instrument :

MSVOA_Y

ClientSampleId :



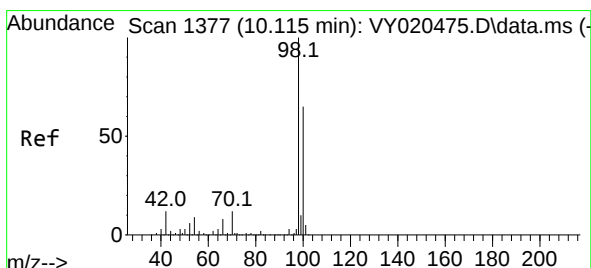
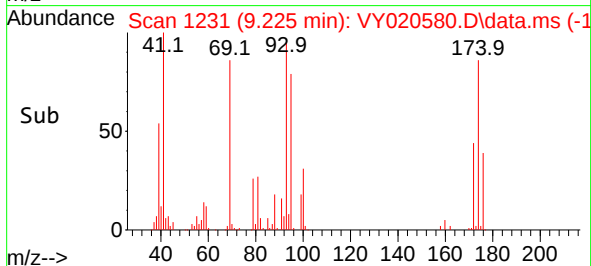
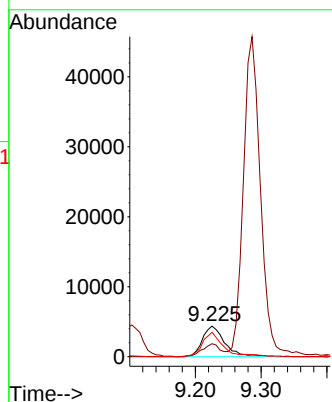
Tgt Ion: 88 Resp: 10274

Ion Ratio Lower Upper

88 100

43 36.4 24.6 37.0

58 75.9 59.6 89.4



#50

Toluene-d8

Concen: 51.824 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020580.D

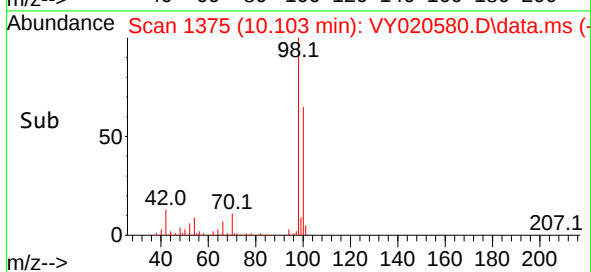
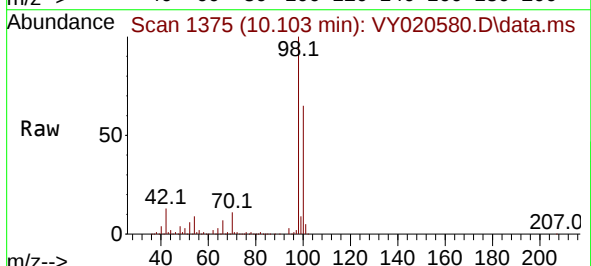
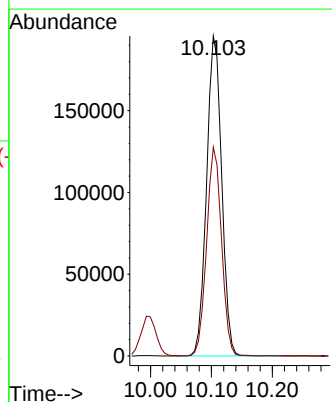
Acq: 11 Dec 2024 11:11

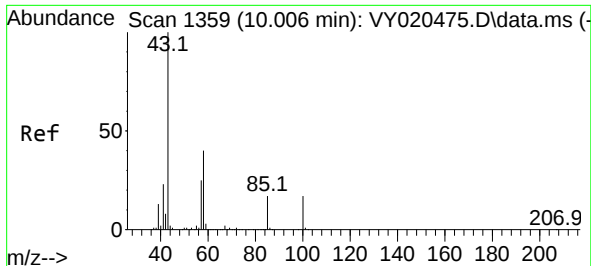
Tgt Ion: 98 Resp: 337209

Ion Ratio Lower Upper

98 100

100 64.4 51.3 76.9

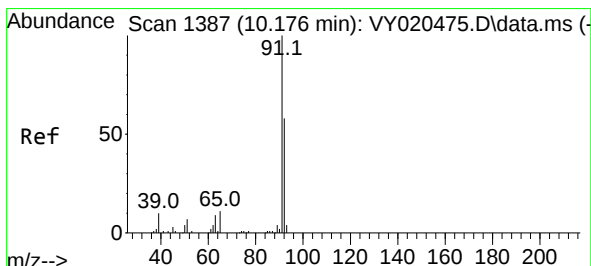
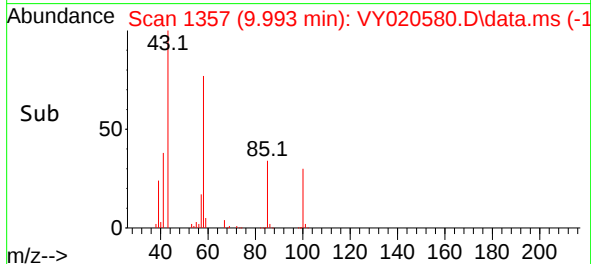
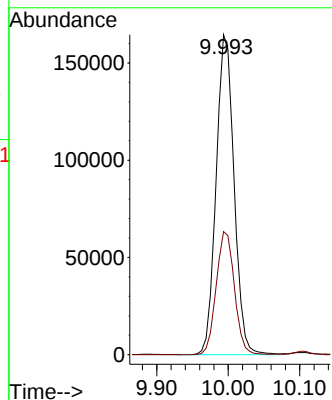
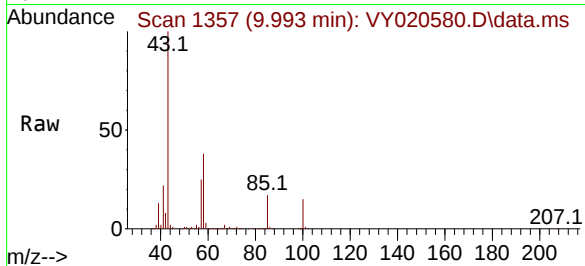




#51
4-Methyl-2-Pentanone
Concen: 251.664 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.012 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

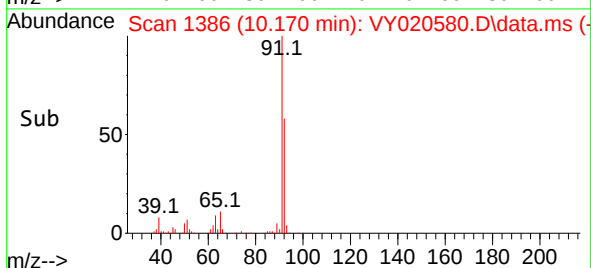
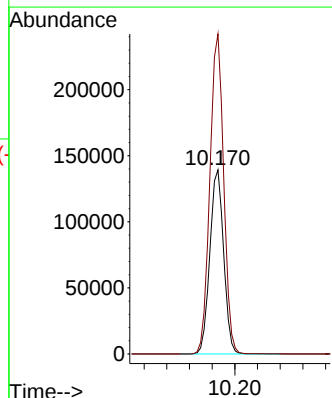
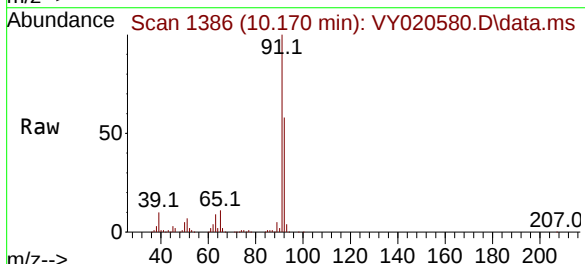
Instrument :
MSVOA_Y
ClientSampleId :

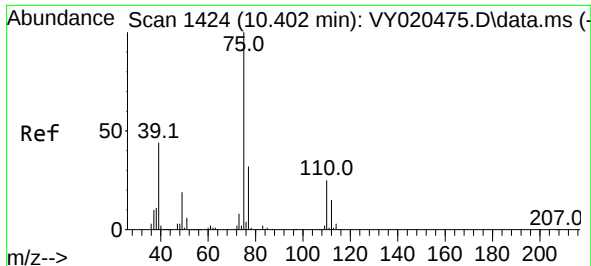
Tgt Ion: 43 Resp: 286911
Ion Ratio Lower Upper
43 100
58 39.1 30.9 46.3



#52
Toluene
Concen: 44.321 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Tgt Ion: 92 Resp: 235271
Ion Ratio Lower Upper
92 100
91 174.1 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 45.629 ug/l

RT: 10.390 min Scan# 1424

Delta R.T. -0.012 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Instrument :

MSVOA_Y

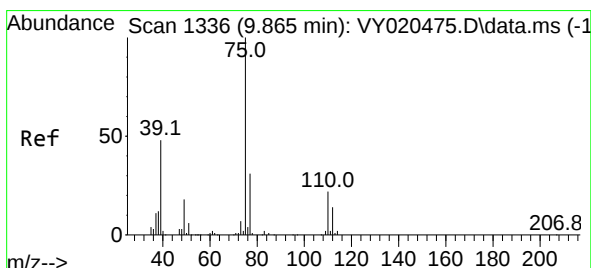
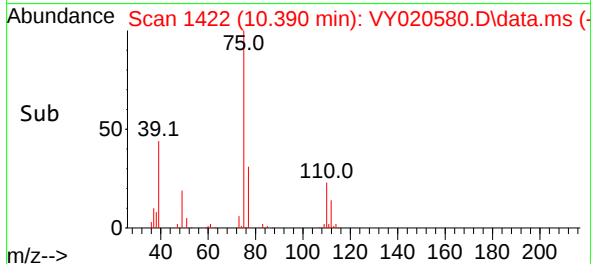
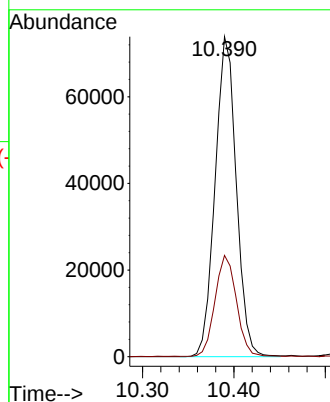
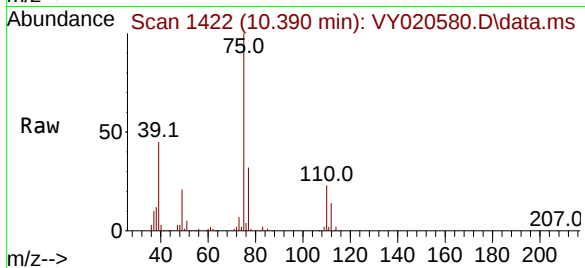
ClientSampleId :

Tgt Ion: 75 Resp: 118975

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 46.380 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.012 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

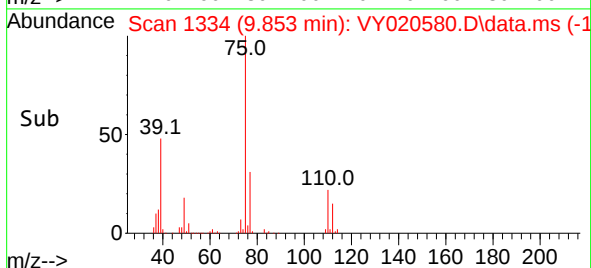
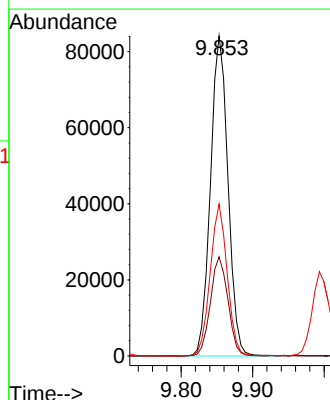
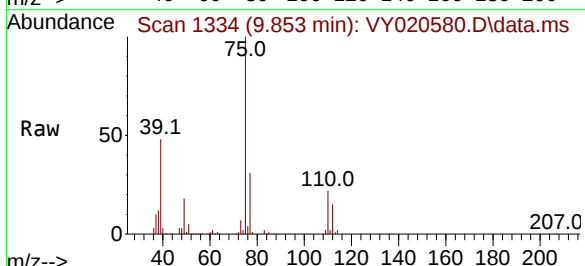
Tgt Ion: 75 Resp: 142923

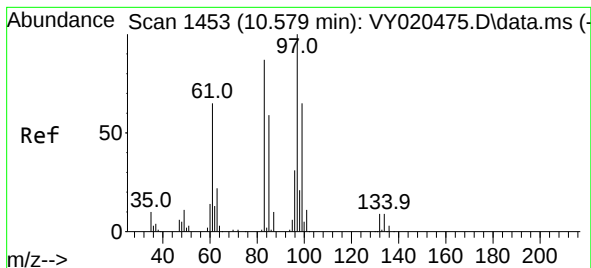
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4

39 47.5 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 46.602 ug/l

RT: 10.573 min Scan# 1453

Delta R.T. -0.006 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 61280

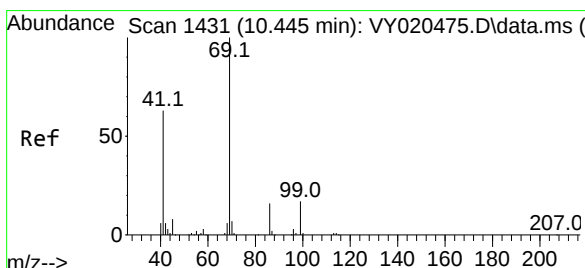
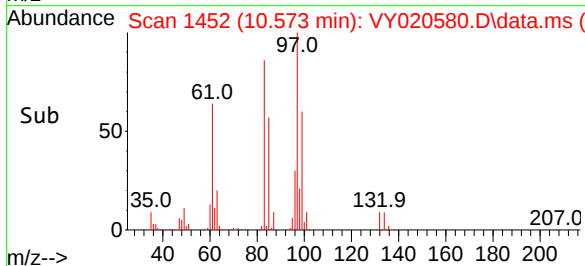
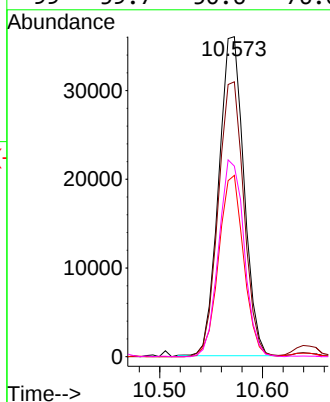
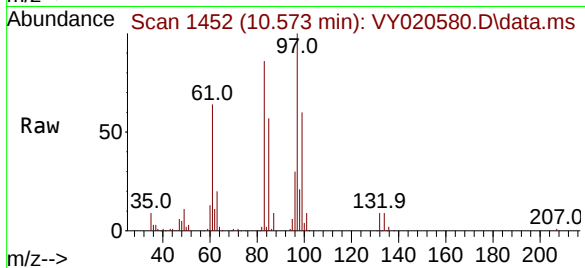
Ion Ratio Lower Upper

97 100

83 86.1 70.8 106.2

85 56.8 44.9 67.3

99 59.7 50.6 76.0



#56

Ethyl methacrylate

Concen: 47.807 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

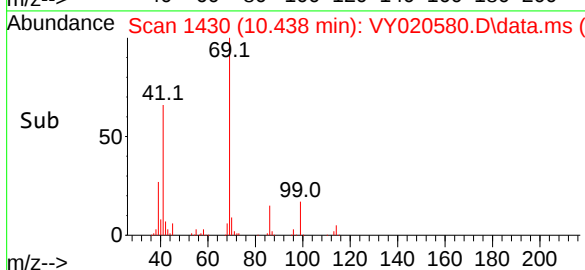
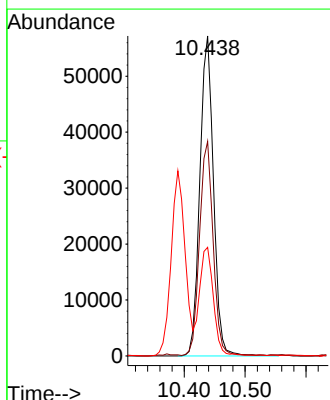
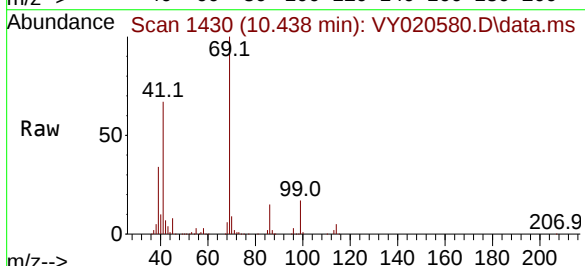
Tgt Ion: 69 Resp: 88950

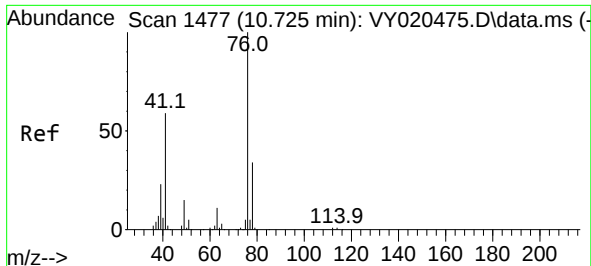
Ion Ratio Lower Upper

69 100

41 66.6 56.1 84.1

39 34.2 29.7 44.5





#57

1,3-Dichloropropane

Concen: 46.340 ug/l

RT: 10.713 min Scan# 1477

Delta R.T. -0.012 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Instrument :

MSVOA_Y

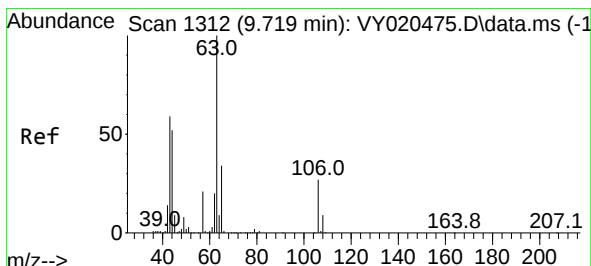
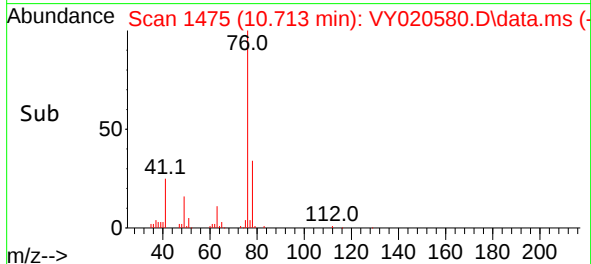
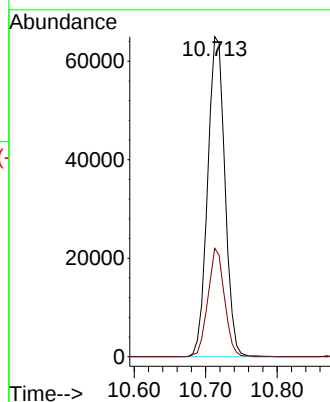
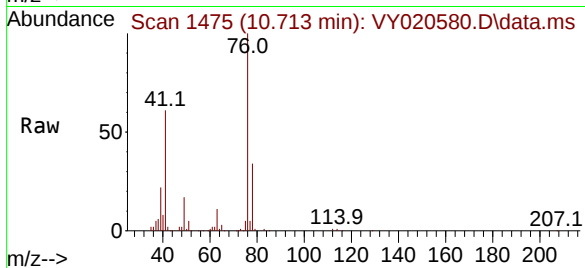
ClientSampleId :

Tgt Ion: 76 Resp: 109118

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 252.242 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.012 min

Lab File: VY020580.D

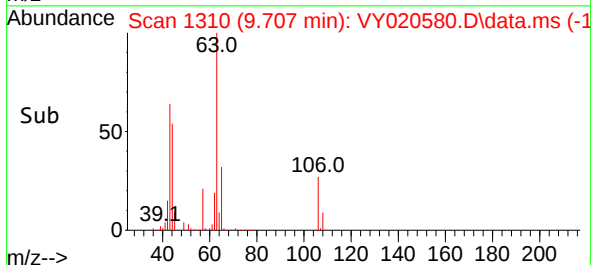
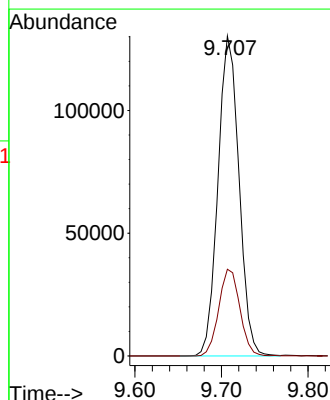
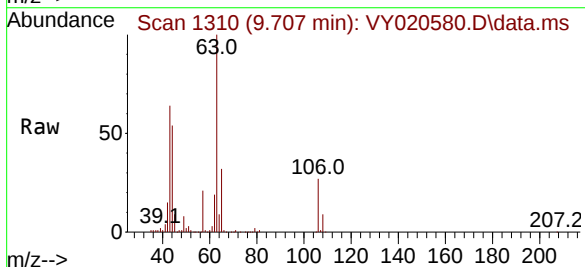
Acq: 11 Dec 2024 11:11

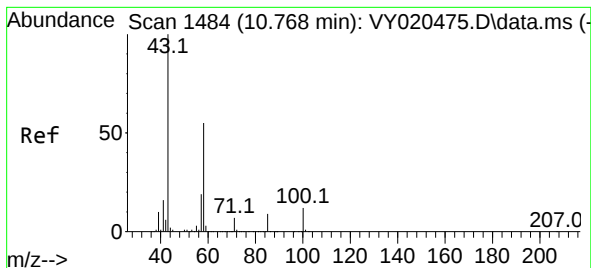
Tgt Ion: 63 Resp: 219742

Ion Ratio Lower Upper

63 100

106 27.2 21.0 31.4

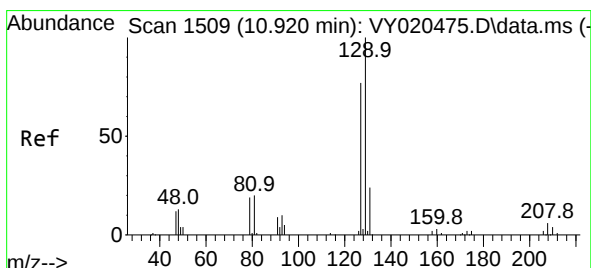
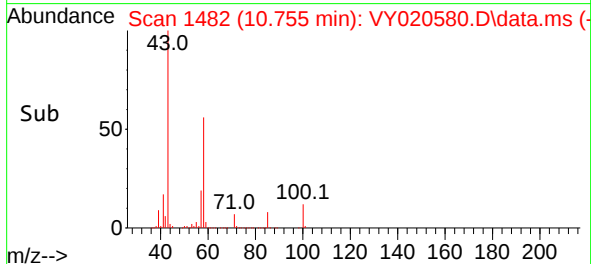
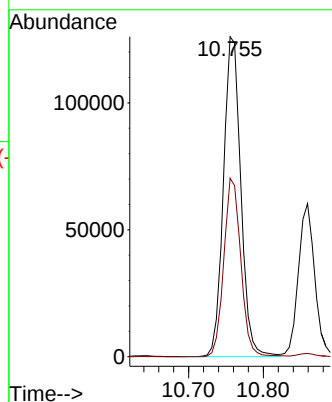
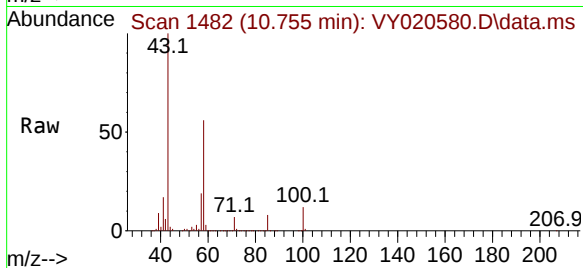




#59
2-Hexanone
Concen: 248.265 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.012 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

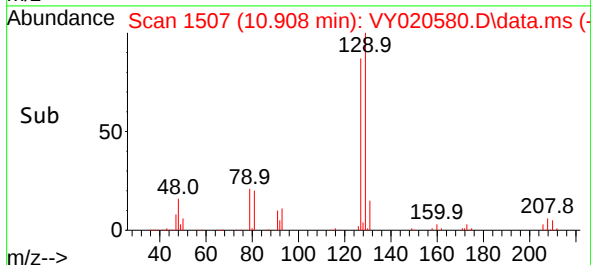
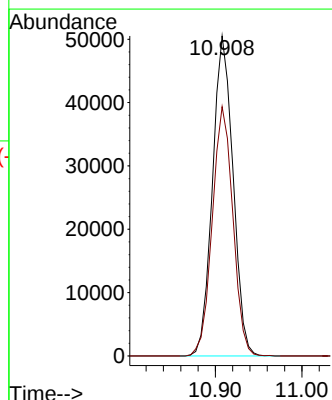
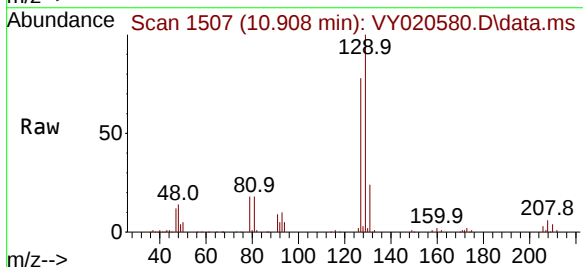
Instrument :
MSVOA_Y
ClientSampleId :

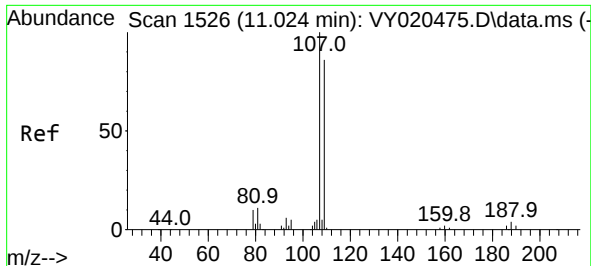
Tgt Ion: 43 Resp: 204185
Ion Ratio Lower Upper
43 100
58 54.6 26.4 79.2



#60
Dibromochloromethane
Concen: 45.507 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.012 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Tgt Ion: 129 Resp: 83313
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.9

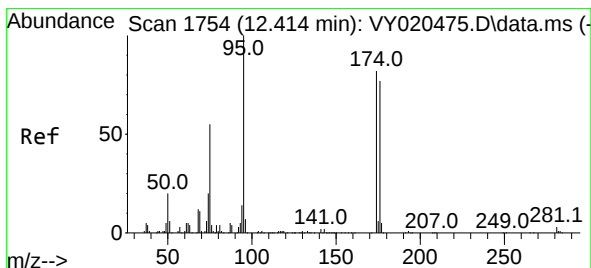
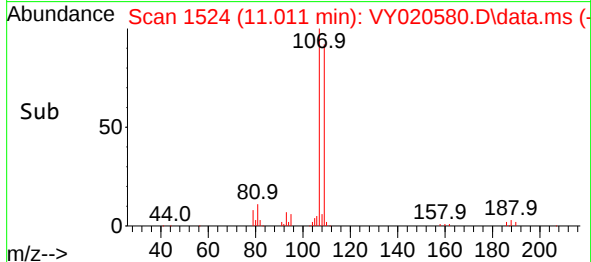
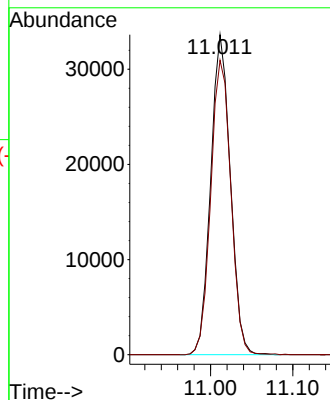
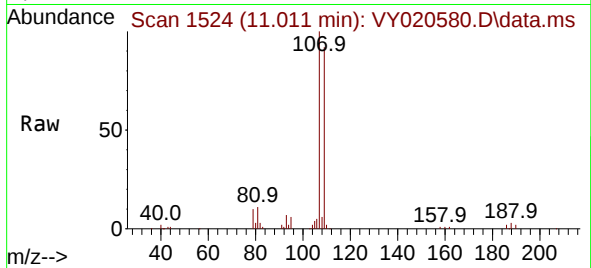




#61
1,2-Dibromoethane
Concen: 46.453 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.012 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

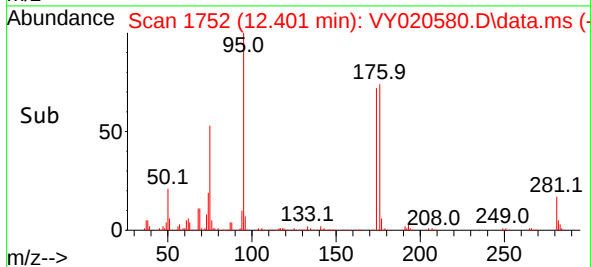
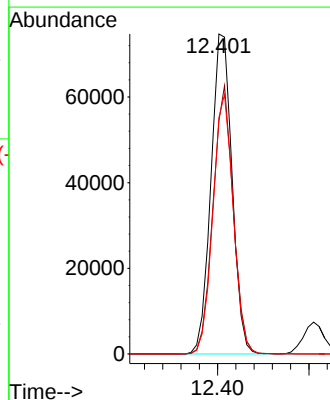
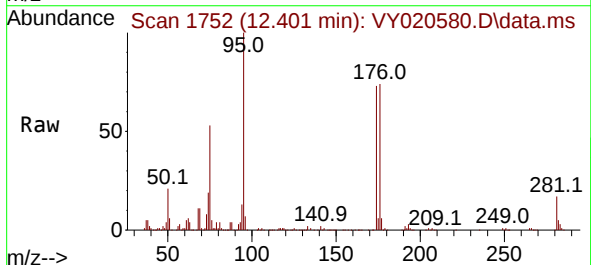
Instrument :
MSVOA_Y
ClientSampleId :

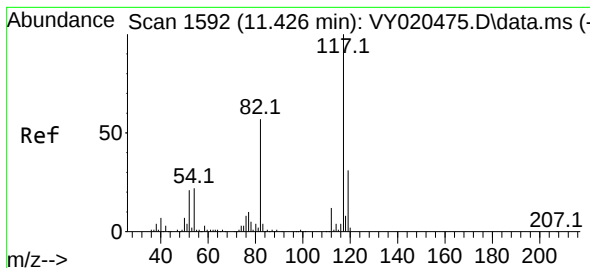
Tgt Ion:107 Resp: 55861
Ion Ratio Lower Upper
107 100
109 94.3 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 52.470 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.012 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Tgt Ion: 95 Resp: 119407
Ion Ratio Lower Upper
95 100
174 80.2 0.0 156.8
176 78.5 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.012 min

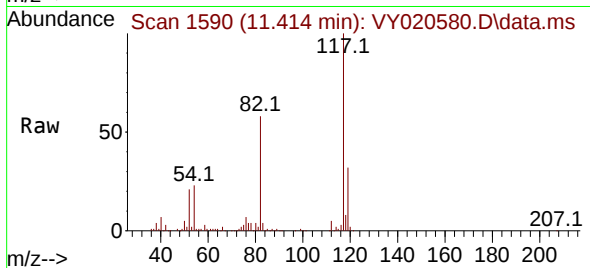
Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Instrument :

MSVOA_Y

ClientSampleId :



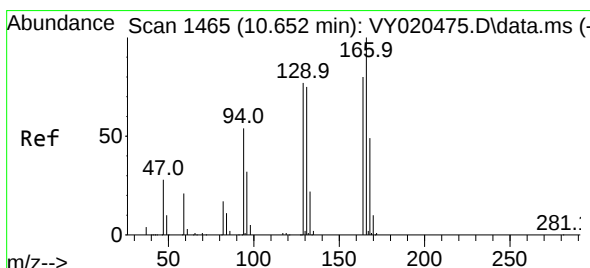
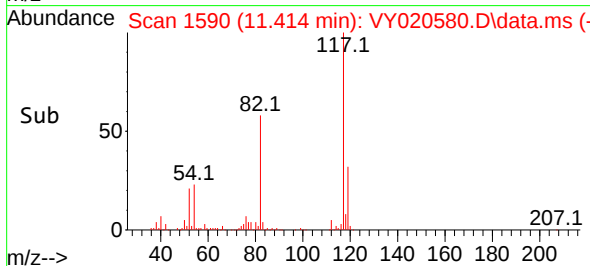
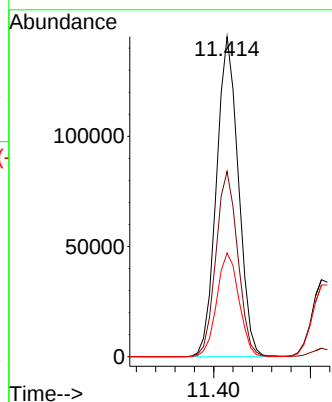
Tgt Ion:117 Resp: 228457

Ion Ratio Lower Upper

117 100

82 57.9 48.2 72.4

119 32.4 25.8 38.8



#64

Tetrachloroethene

Concen: 42.863 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Tgt Ion:164 Resp: 82742

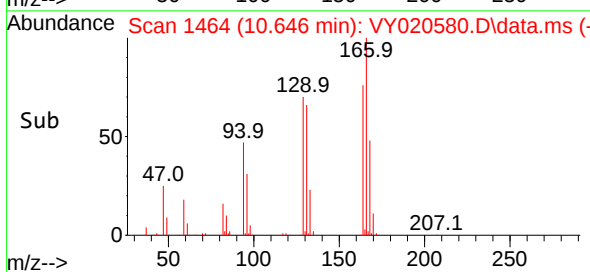
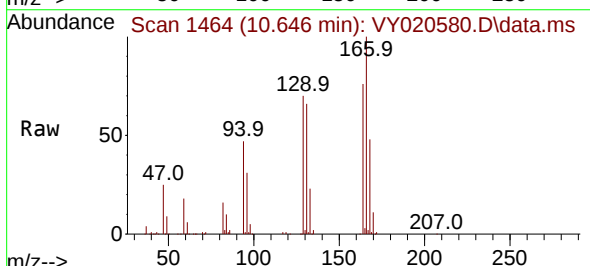
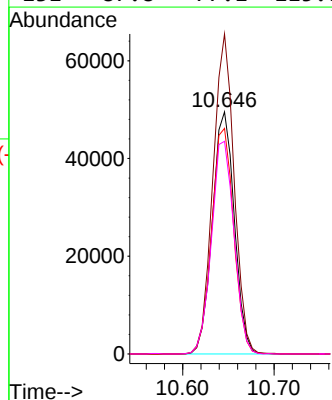
Ion Ratio Lower Upper

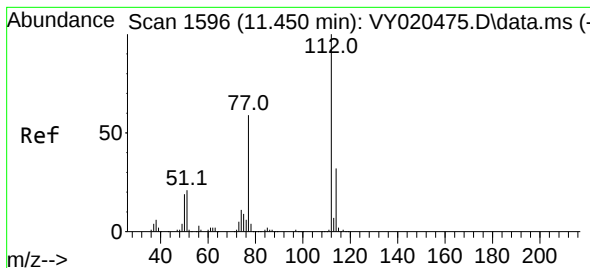
164 100

166 132.2 103.8 155.8

129 93.2 79.0 118.4

131 87.8 77.1 115.7





#65

Chlorobenzene

Concen: 43.537 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.012 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Instrument :

MSVOA_Y

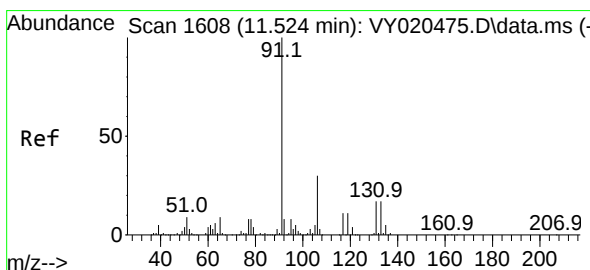
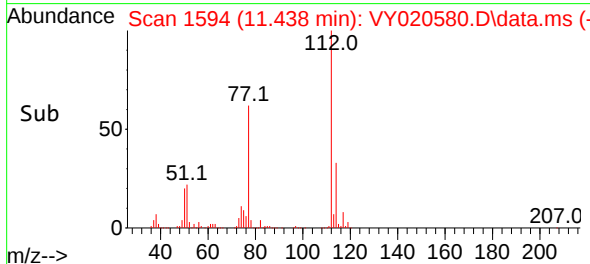
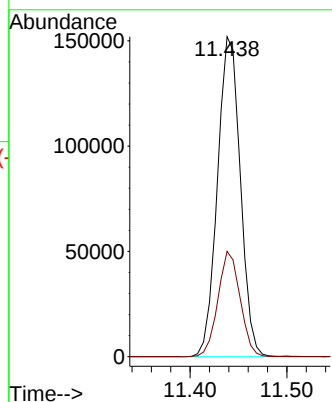
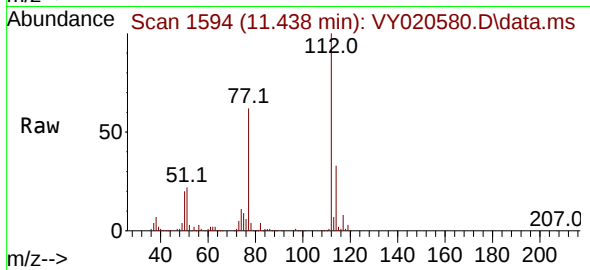
ClientSampleId :

Tgt Ion:112 Resp: 249310

Ion Ratio Lower Upper

112 100

114 32.9 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 43.406 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.012 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

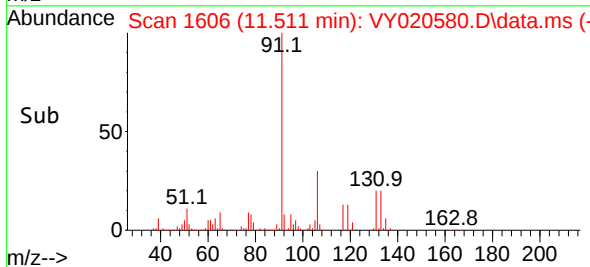
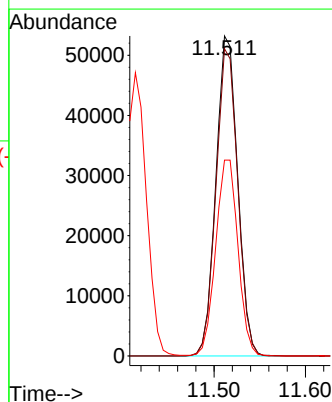
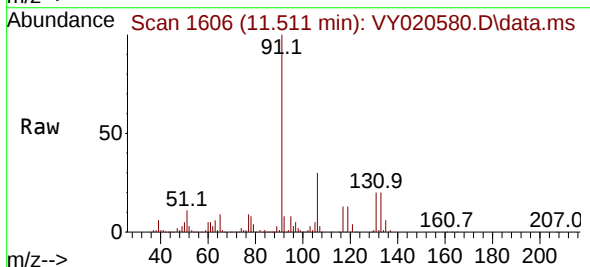
Tgt Ion:131 Resp: 88150

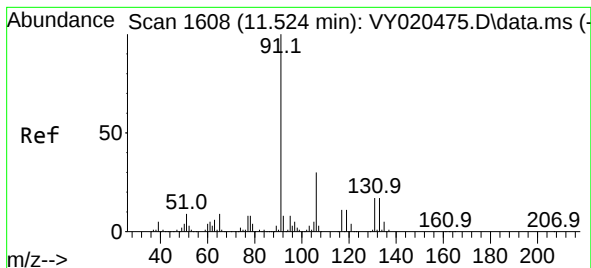
Ion Ratio Lower Upper

131 100

133 95.9 47.8 143.3

119 62.9 32.5 97.5





#67

Ethyl Benzene

Concen: 43.670 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Instrument :

MSVOA_Y

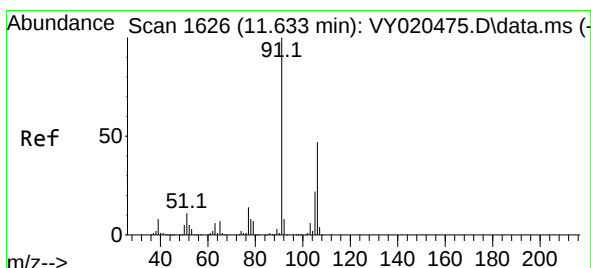
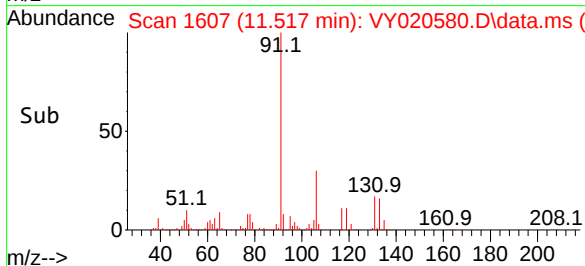
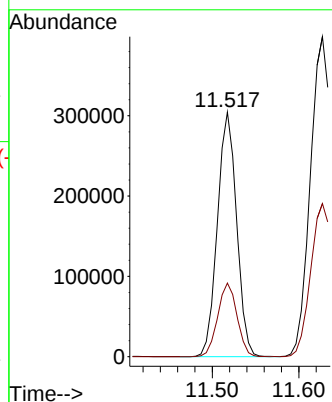
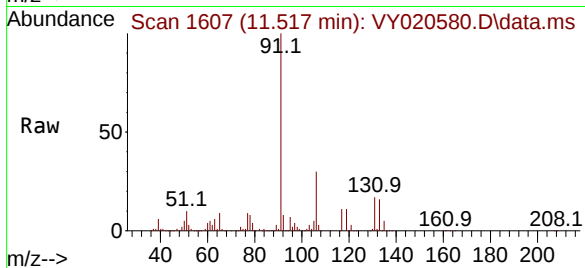
ClientSampleId :

Tgt Ion: 91 Resp: 468740

Ion Ratio Lower Upper

91 100

106 30.1 23.9 35.9



#68

m/p-Xylenes

Concen: 87.724 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020580.D

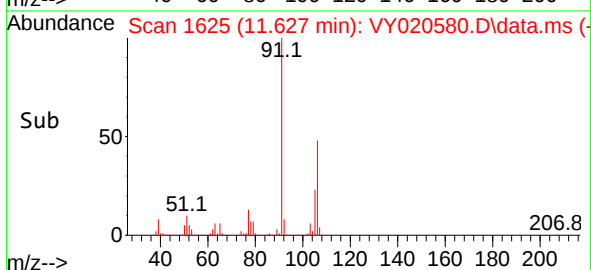
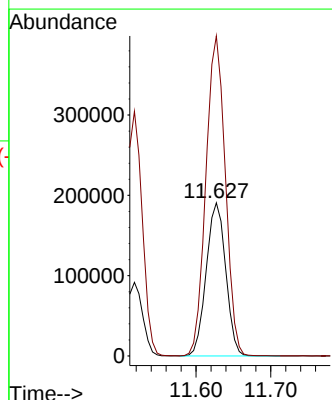
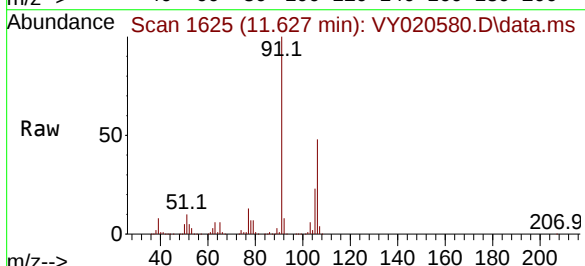
Acq: 11 Dec 2024 11:11

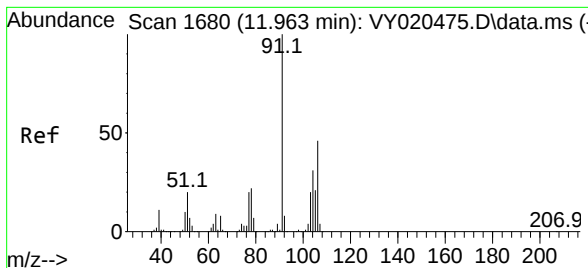
Tgt Ion:106 Resp: 344788

Ion Ratio Lower Upper

106 100

91 208.8 166.0 249.0

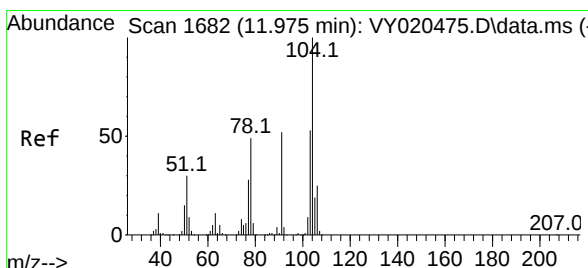
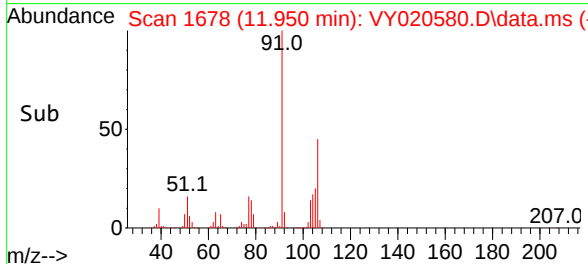
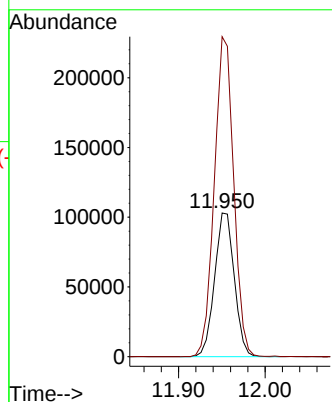
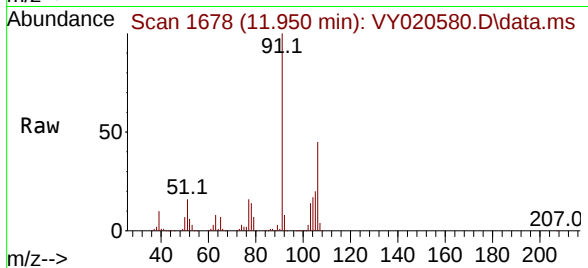




#69
o-Xylene
Concen: 44.151 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.012 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

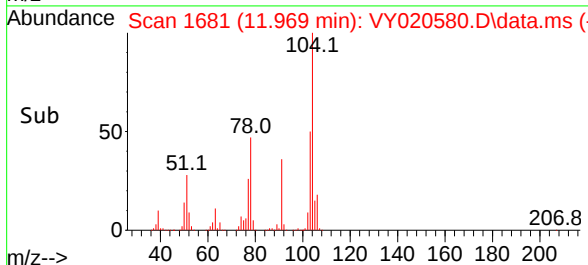
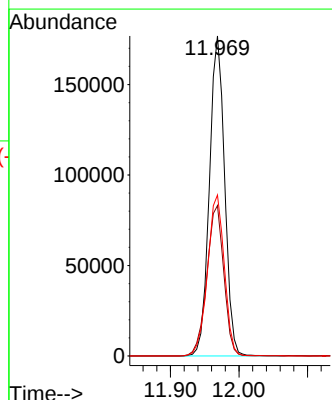
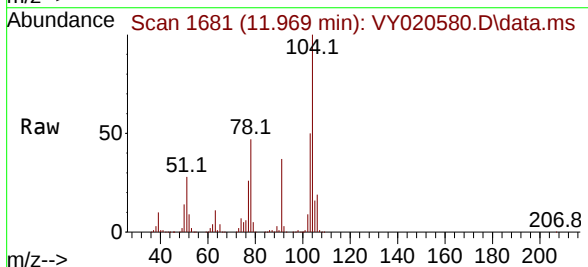
Instrument :
MSVOA_Y
ClientSampleId :

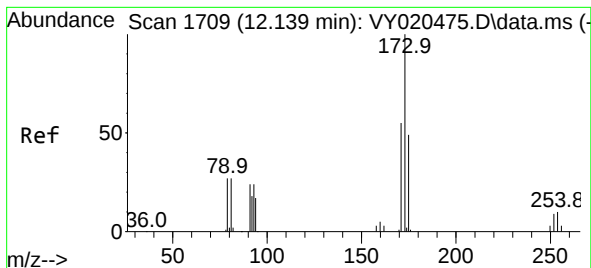
Tgt Ion:106 Resp: 162570
Ion Ratio Lower Upper
106 100
91 219.5 110.0 330.0



#70
Styrene
Concen: 44.640 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Tgt Ion:104 Resp: 274231
Ion Ratio Lower Upper
104 100
78 52.3 41.4 62.2
103 55.4 44.2 66.4





#71

Bromoform

Concen: 45.119 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Instrument :

MSVOA_Y

ClientSampleId :

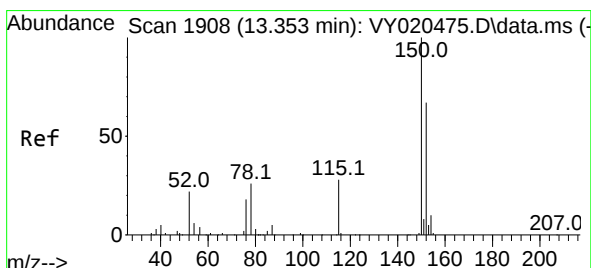
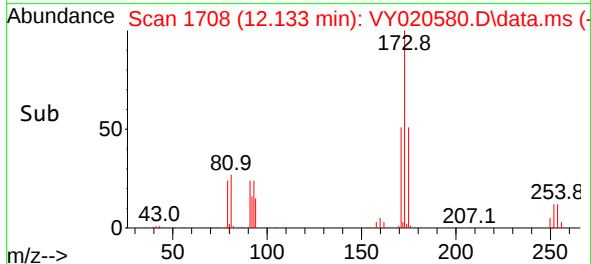
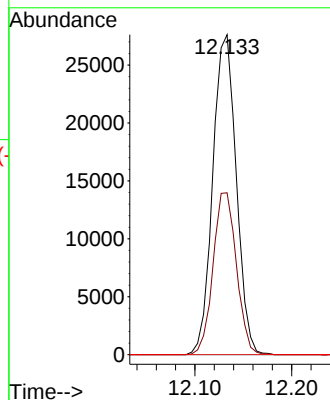
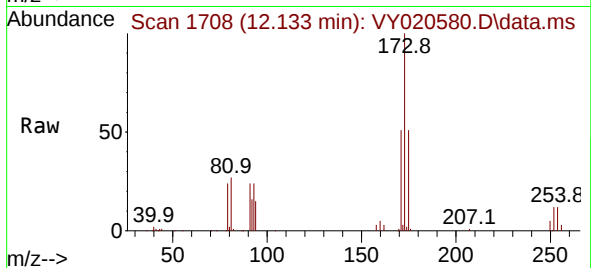
Tgt Ion:173 Resp: 46587

Ion Ratio Lower Upper

173 100

175 50.4 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

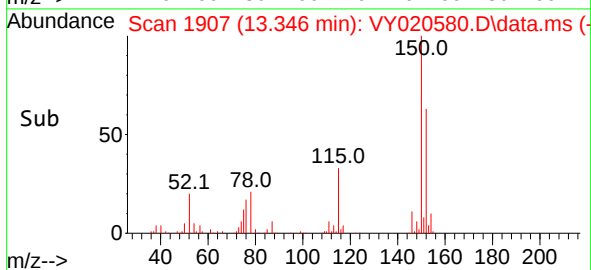
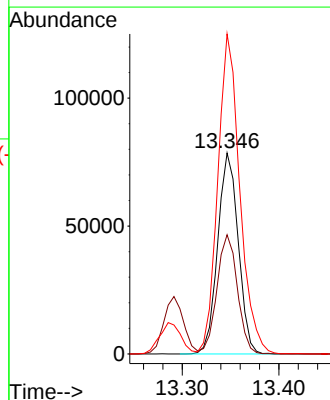
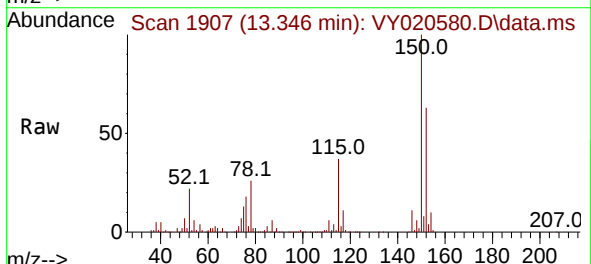
Tgt Ion:152 Resp: 115564

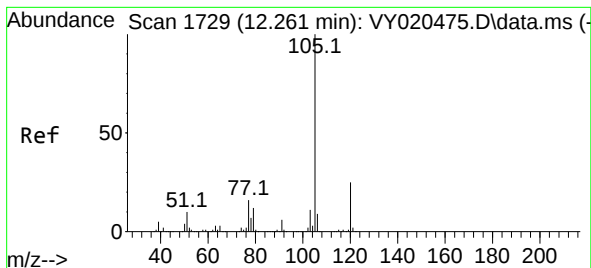
Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 171.0 0.0 348.2





#73

Isopropylbenzene

Concen: 39.818 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Instrument :

MSVOA_Y

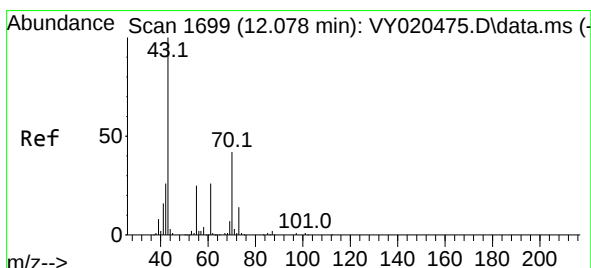
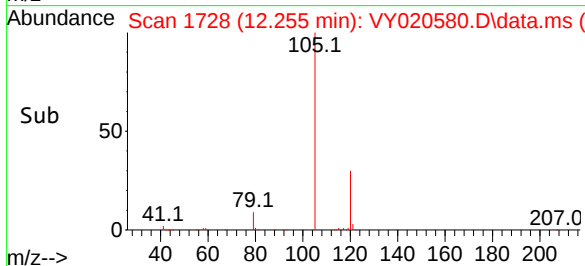
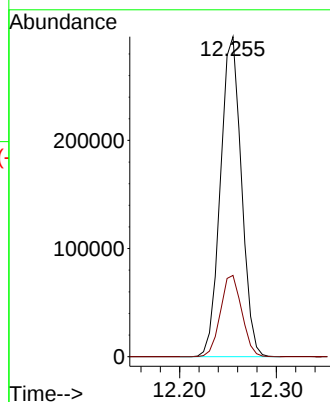
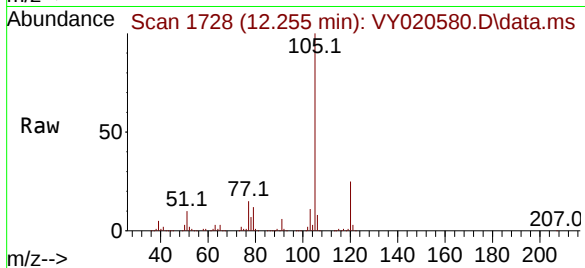
ClientSampleId :

Tgt Ion:105 Resp: 445224

Ion Ratio Lower Upper

105 100

120 25.9 12.7 38.1



#74

N-ethyl acetate

Concen: 44.549 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.012 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Tgt Ion: 43 Resp: 97631

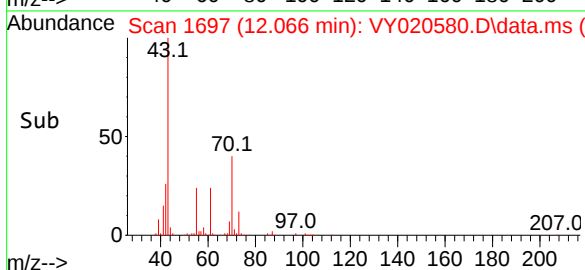
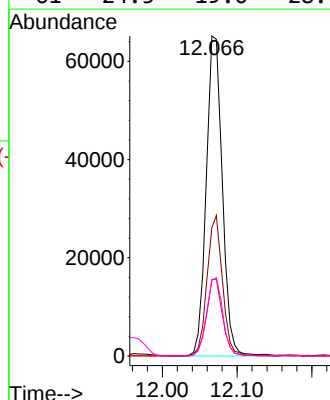
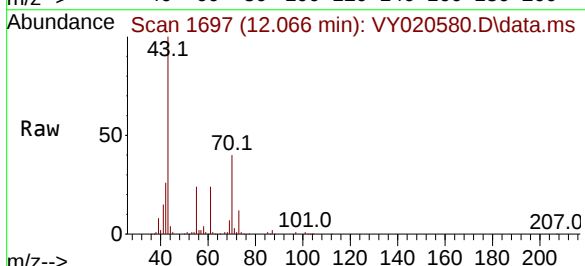
Ion Ratio Lower Upper

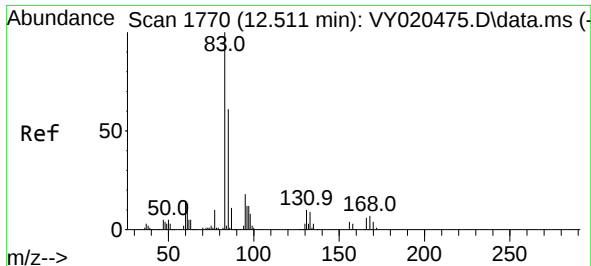
43 100

70 41.9 32.9 49.3

55 24.2 19.3 28.9

61 24.5 19.0 28.4

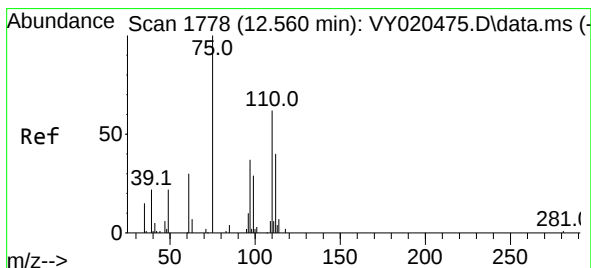
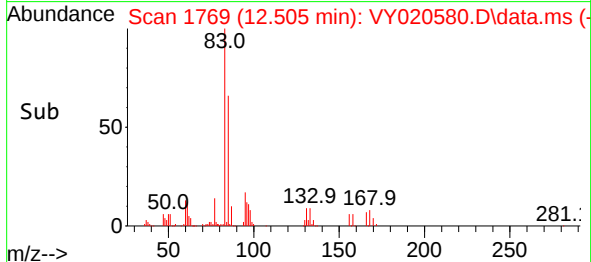
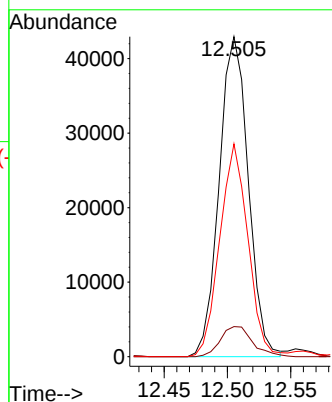
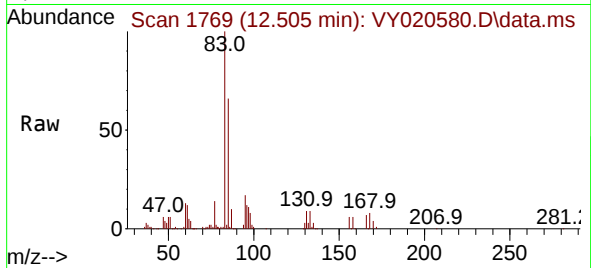




#75
 1,1,2,2-Tetrachloroethane
 Concen: 42.683 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY020580.D
 Acq: 11 Dec 2024 11:11

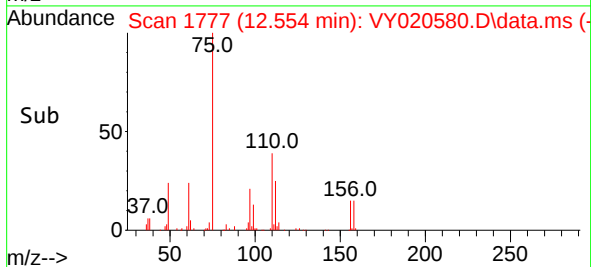
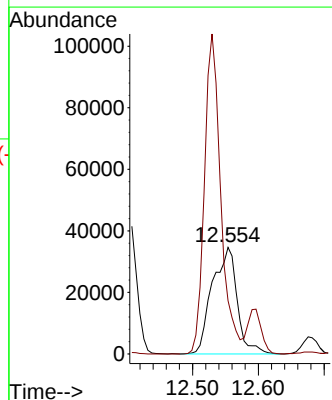
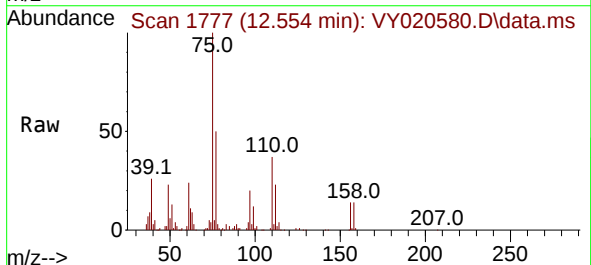
Instrument :
 MSVOA_Y
 ClientSampleId :

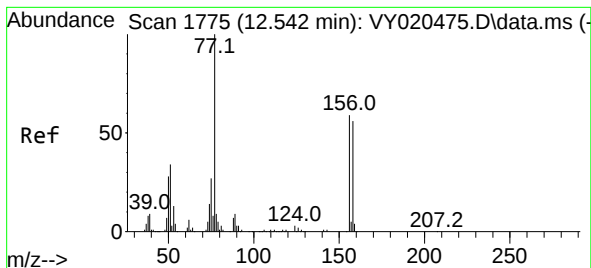
Tgt Ion: 83 Resp: 68634
 Ion Ratio Lower Upper
 83 100
 131 10.4 4.8 14.4
 85 64.5 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 77.628 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY020580.D
 Acq: 11 Dec 2024 11:11

Tgt Ion: 75 Resp: 91386
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 40.671 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.012 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Instrument :

MSVOA_Y

ClientSampleId :

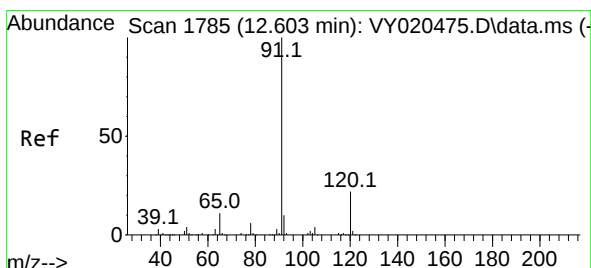
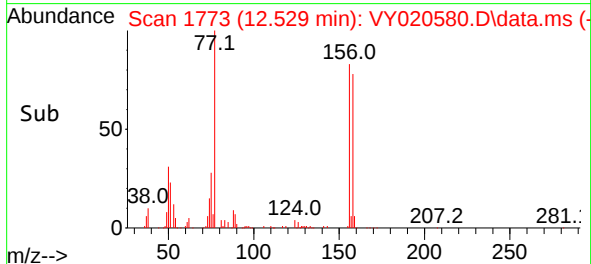
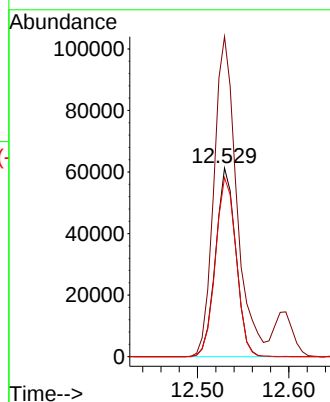
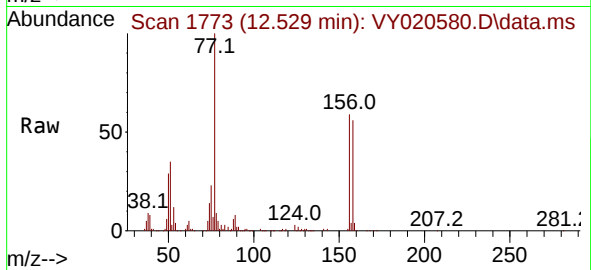
Tgt Ion:156 Resp: 94175

Ion Ratio Lower Upper

156 100

77 190.6 97.2 291.6

158 97.4 47.8 143.4



#78

n-propylbenzene

Concen: 40.514 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VY020580.D

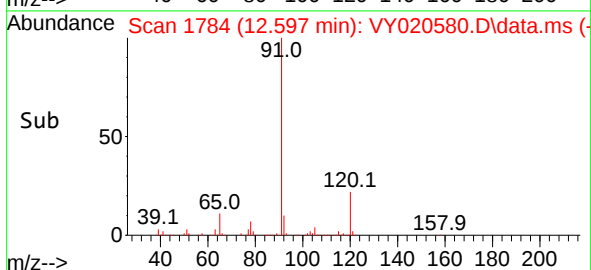
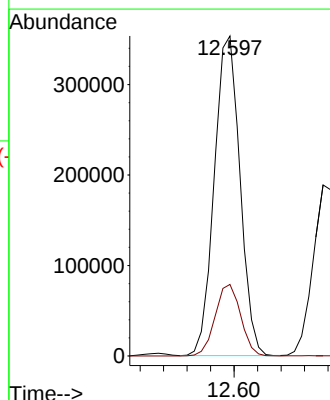
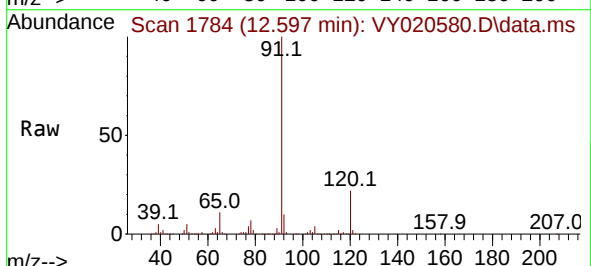
Acq: 11 Dec 2024 11:11

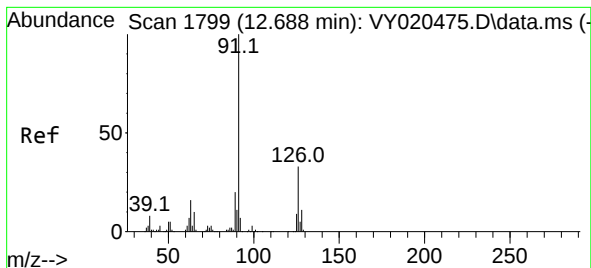
Tgt Ion: 91 Resp: 536350

Ion Ratio Lower Upper

91 100

120 22.2 10.9 32.6

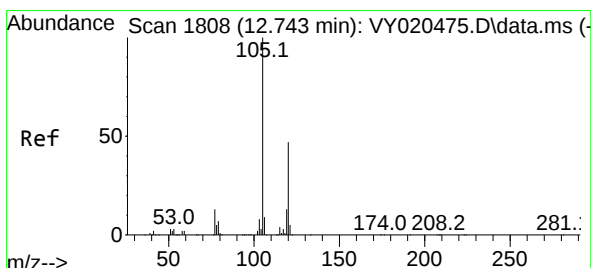
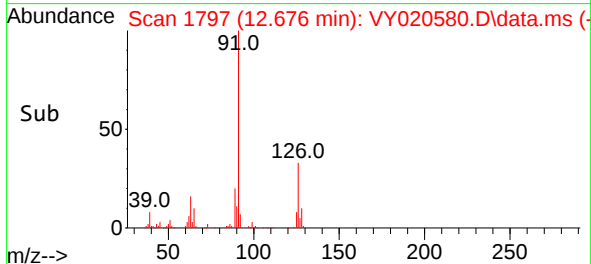
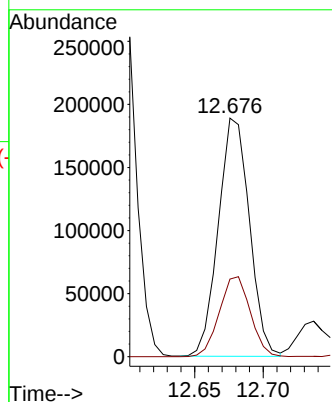
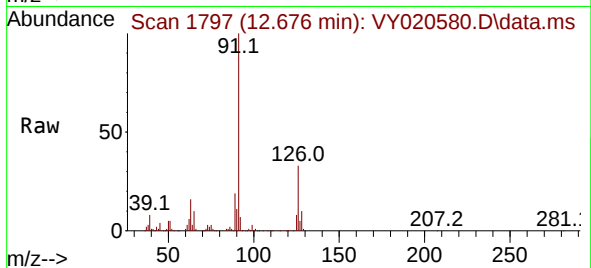




#79
2-Chlorotoluene
Concen: 39.983 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

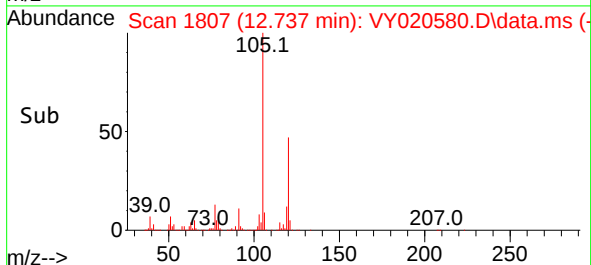
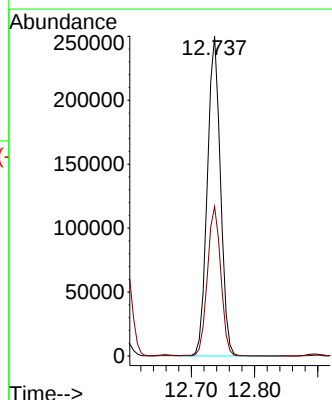
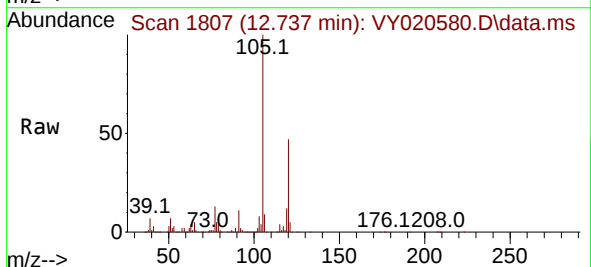
Instrument :
MSVOA_Y
ClientSampleId :

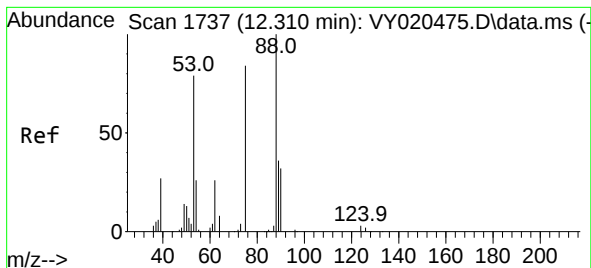
Tgt Ion: 91 Resp: 298681
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 40.302 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Tgt Ion: 105 Resp: 361128
Ion Ratio Lower Upper
105 100
120 47.6 24.3 72.8

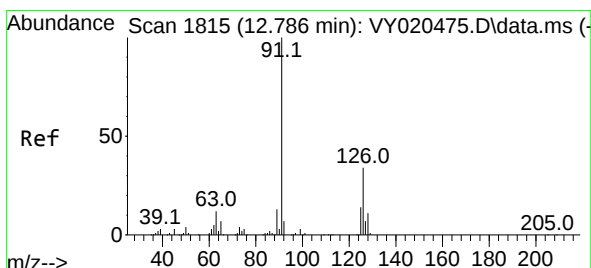
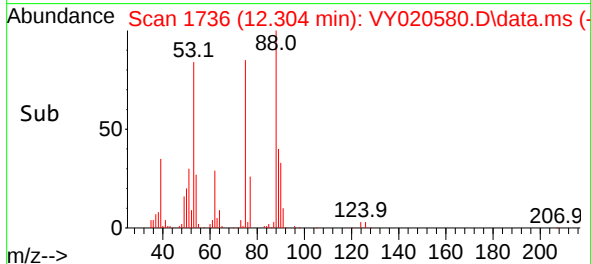
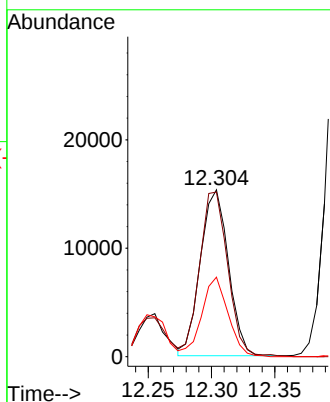
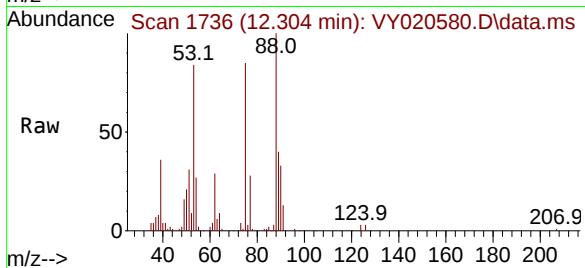




#81
trans-1,4-Dichloro-2-butene
Concen: 41.257 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

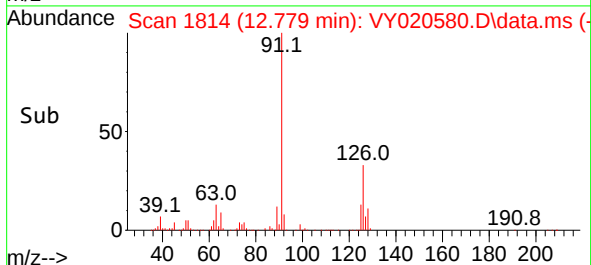
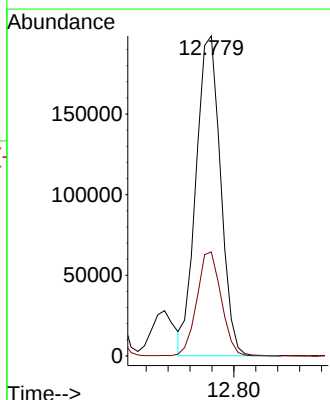
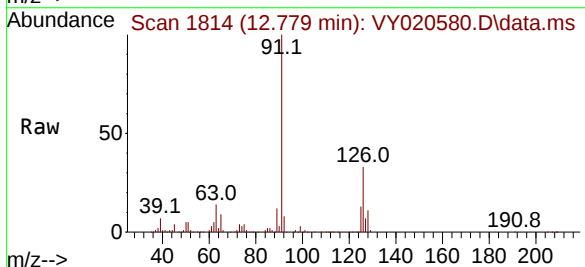
Instrument :
MSVOA_Y
ClientSampleId :

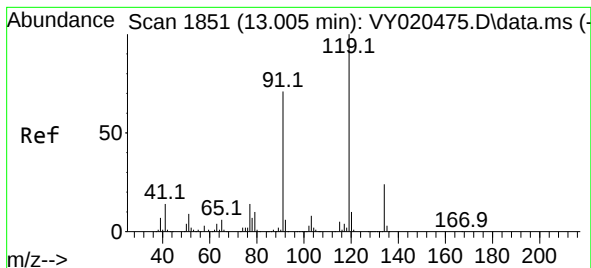
Tgt Ion: 75 Resp: 23671
Ion Ratio Lower Upper
75 100
53 100.0 81.1 121.7
89 45.2 35.1 52.7



#82
4-Chlorotoluene
Concen: 40.408 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Tgt Ion: 91 Resp: 308040
Ion Ratio Lower Upper
91 100
126 32.3 16.6 49.8





#83

tert-Butylbenzene

Concen: 40.753 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Instrument :

MSVOA_Y

ClientSampleId :

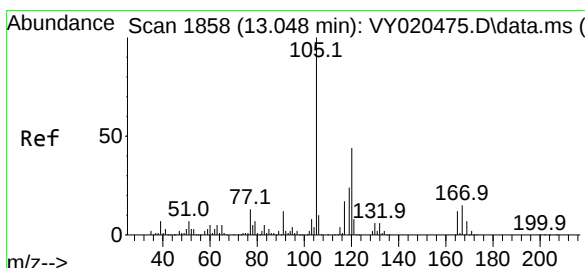
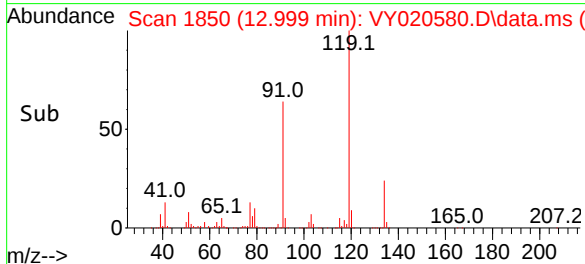
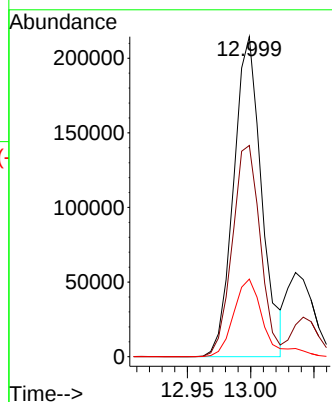
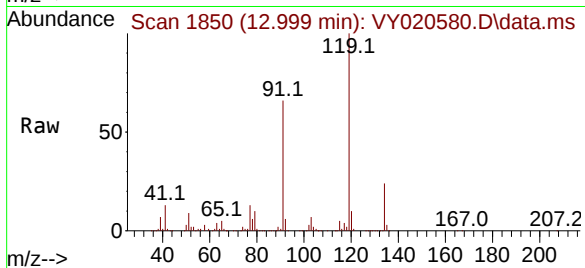
Tgt Ion:119 Resp: 330144

Ion Ratio Lower Upper

119 100

91 66.2 33.3 99.9

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 41.082 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020580.D

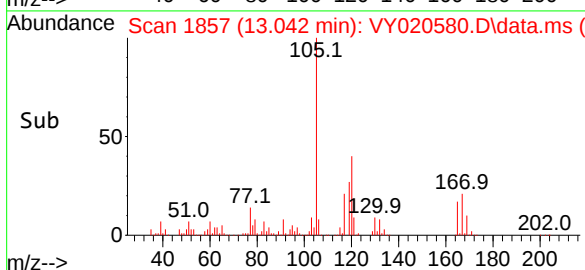
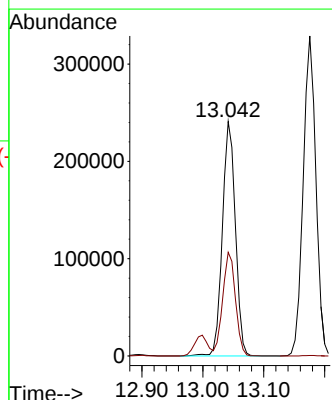
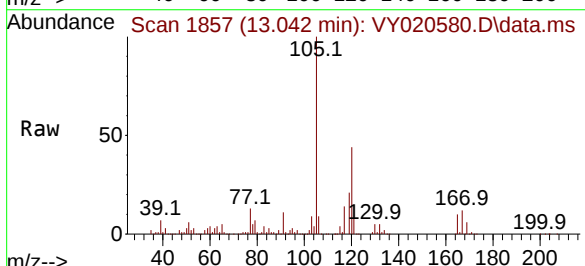
Acq: 11 Dec 2024 11:11

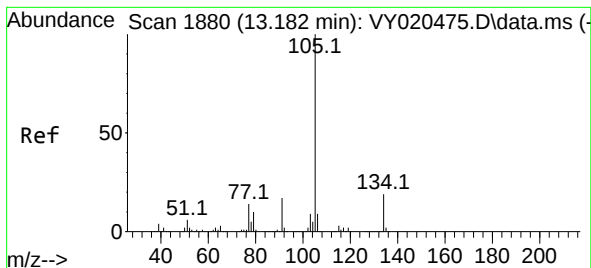
Tgt Ion:105 Resp: 357791

Ion Ratio Lower Upper

105 100

120 43.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 40.977 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Instrument :

MSVOA_Y

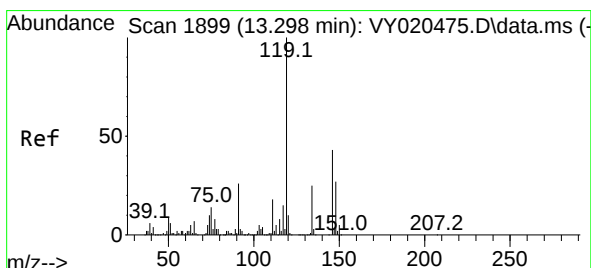
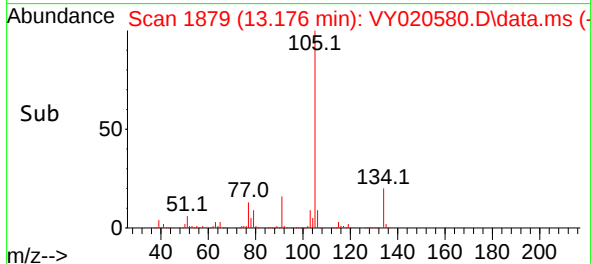
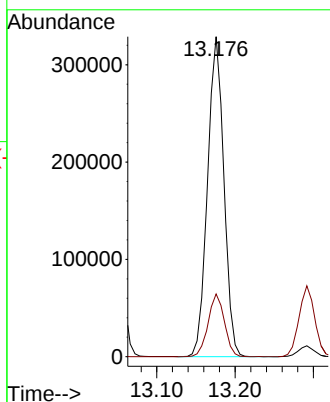
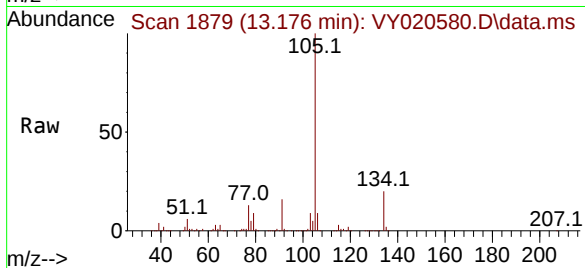
ClientSampleId :

Tgt Ion:105 Resp: 475740

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



#86

p-Isopropyltoluene

Concen: 41.416 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

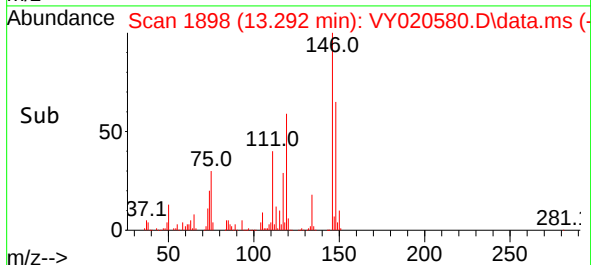
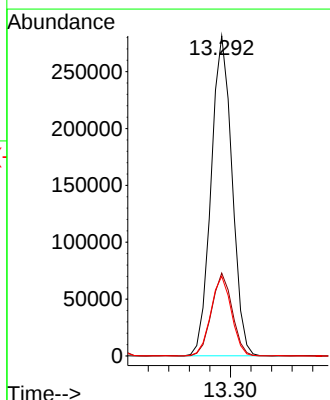
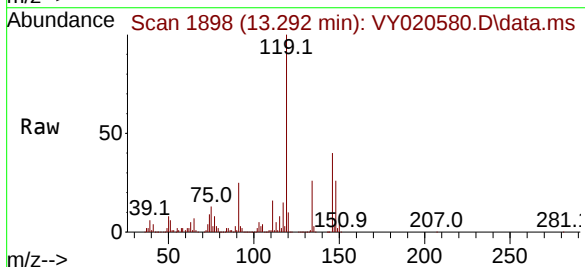
Tgt Ion:119 Resp: 397353

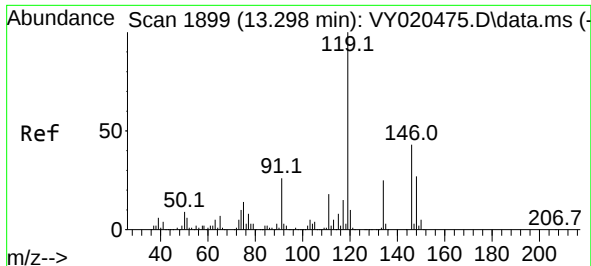
Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

91 24.4 12.3 36.8

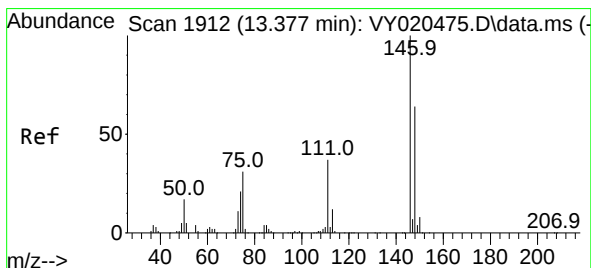
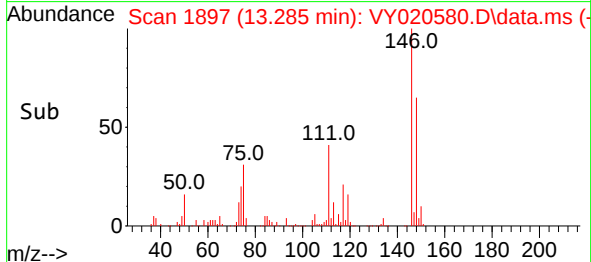
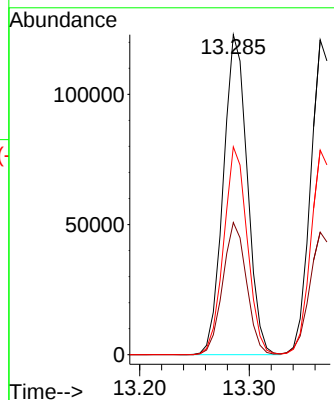
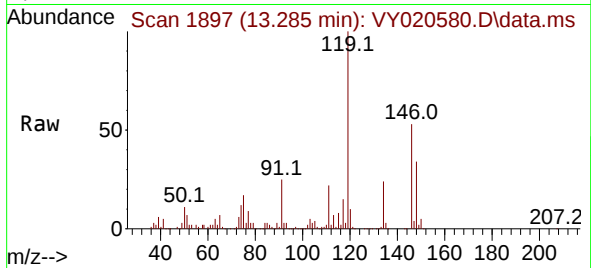




#87
1,3-Dichlorobenzene
Concen: 41.867 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.012 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

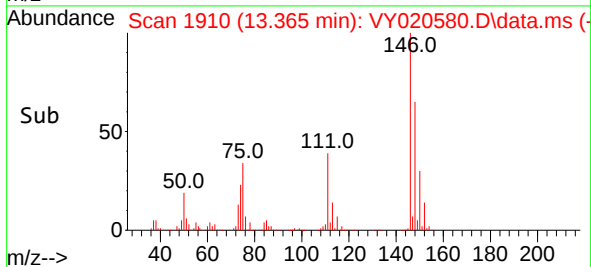
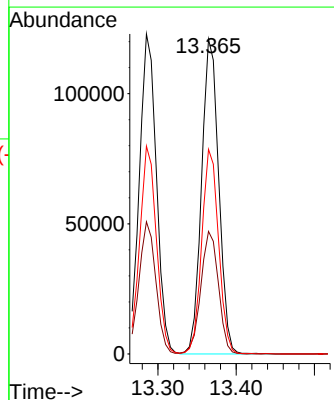
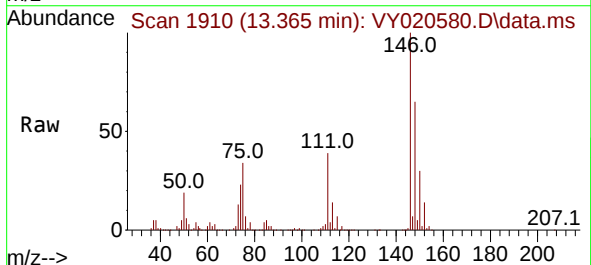
Instrument :
MSVOA_Y
ClientSampleId :

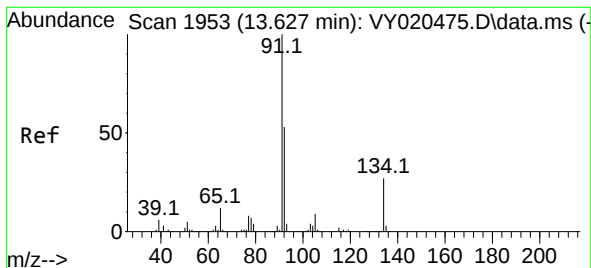
Tgt Ion:146 Resp: 186963
Ion Ratio Lower Upper
146 100
111 40.8 20.5 61.6
148 64.0 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 42.044 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.012 min
Lab File: VY020580.D
Acq: 11 Dec 2024 11:11

Tgt Ion:146 Resp: 183809
Ion Ratio Lower Upper
146 100
111 40.1 19.9 59.6
148 63.9 32.0 96.2





#89

n-Butylbenzene

Concen: 42.170 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.012 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Instrument :

MSVOA_Y

ClientSampleId :

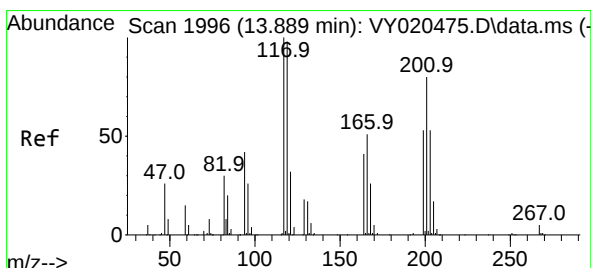
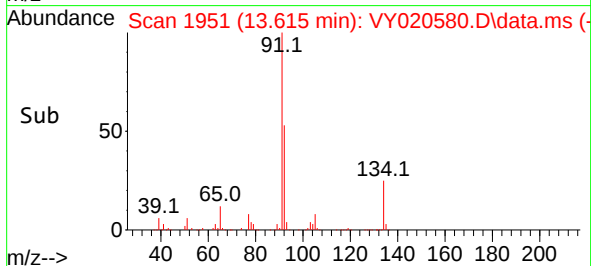
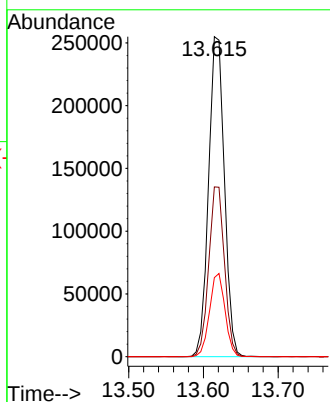
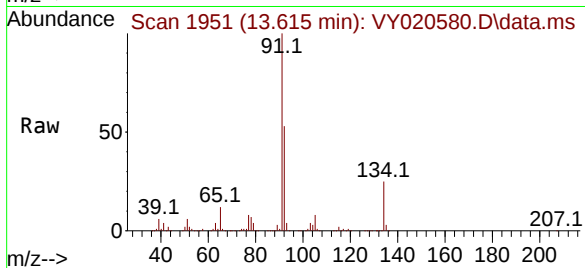
Tgt Ion: 91 Resp: 375238

Ion Ratio Lower Upper

91 100

92 52.8 26.5 79.5

134 25.5 12.2 36.4



#90

Hexachloroethane

Concen: 41.382 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY020580.D

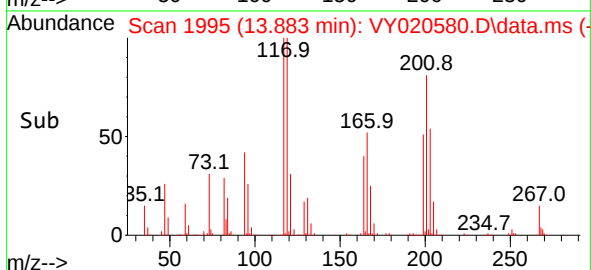
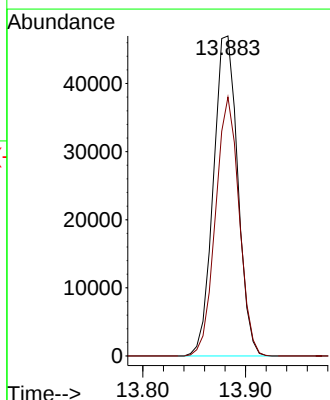
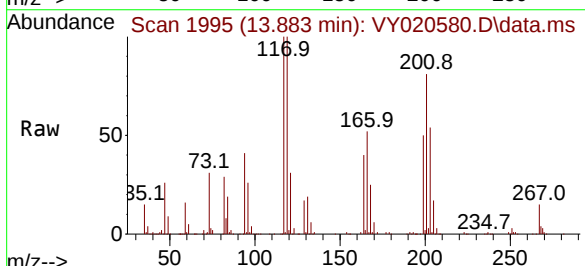
Acq: 11 Dec 2024 11:11

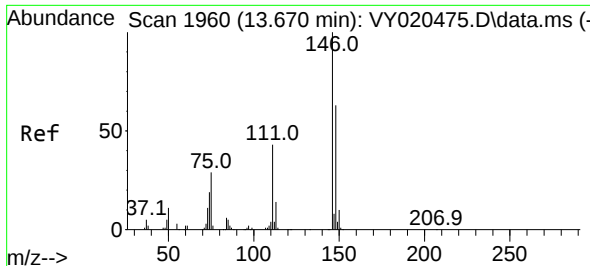
Tgt Ion: 117 Resp: 77374

Ion Ratio Lower Upper

117 100

201 78.2 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 42.706 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.012 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Instrument :

MSVOA_Y

ClientSampleId :

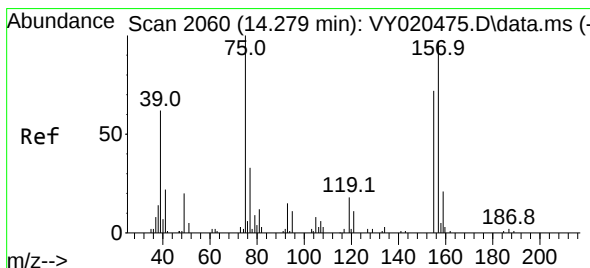
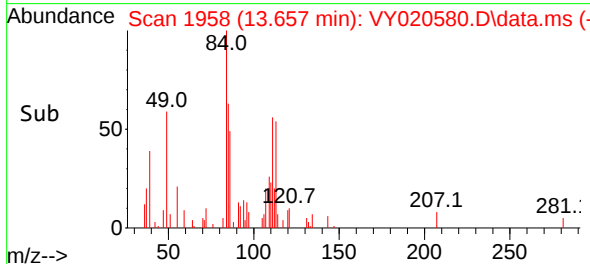
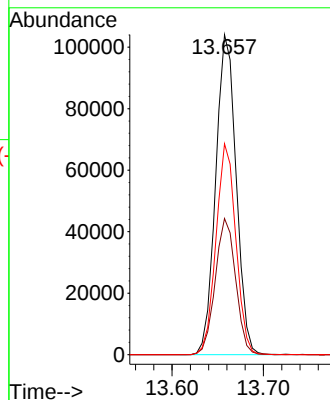
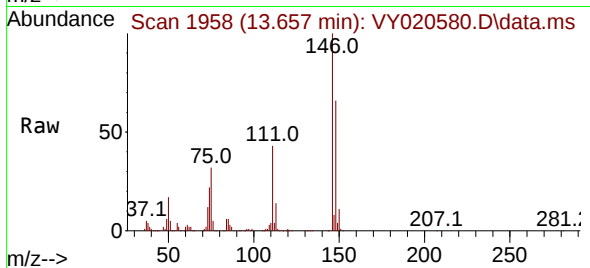
Tgt Ion:146 Resp: 161730

Ion Ratio Lower Upper

146 100

111 42.4 20.8 62.5

148 64.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.101 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

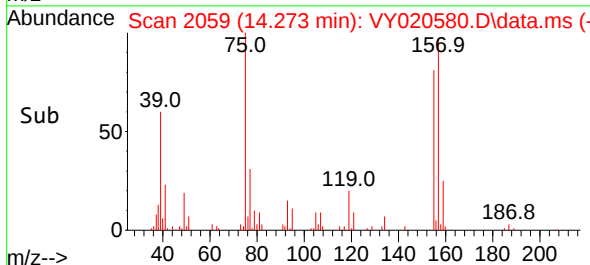
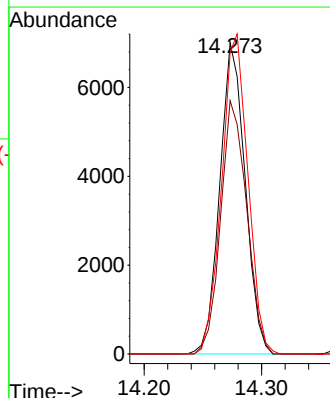
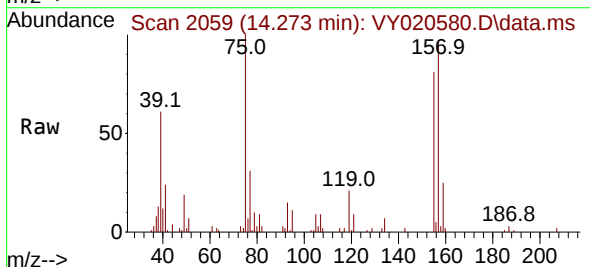
Tgt Ion: 75 Resp: 10492

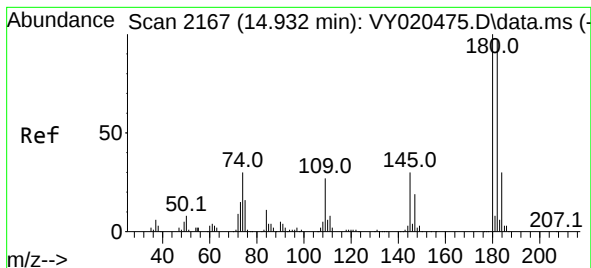
Ion Ratio Lower Upper

75 100

155 83.9 39.7 119.1

157 106.6 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 45.974 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Instrument :

MSVOA_Y

ClientSampleId :

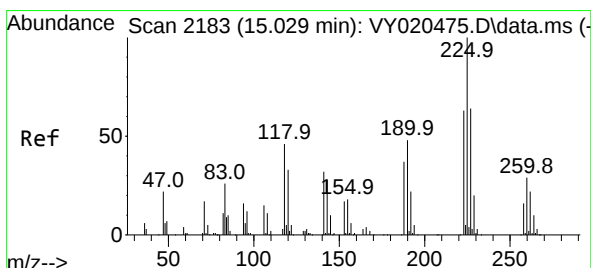
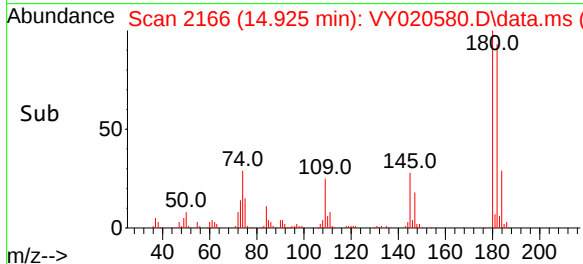
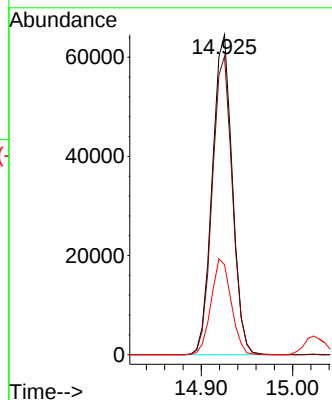
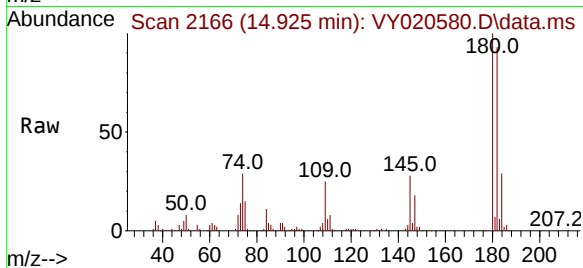
Tgt Ion:180 Resp: 97902

Ion Ratio Lower Upper

180 100

182 93.8 47.6 142.8

145 30.1 15.8 47.3



#94

Hexachlorobutadiene

Concen: 42.966 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

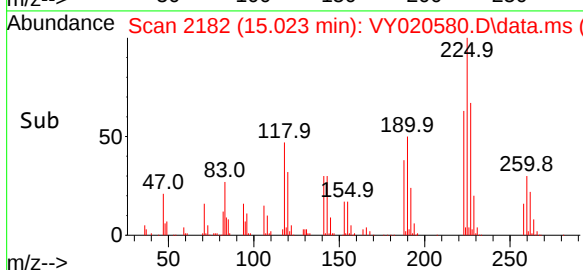
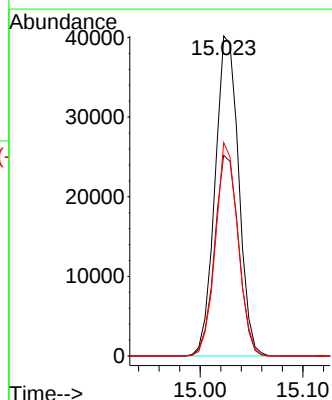
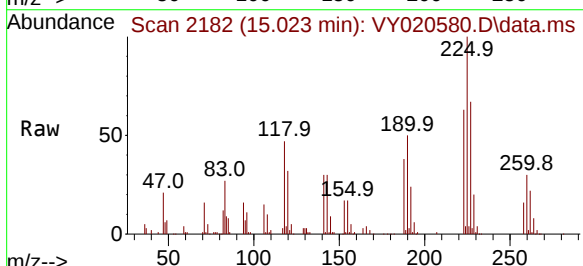
Tgt Ion:225 Resp: 64008

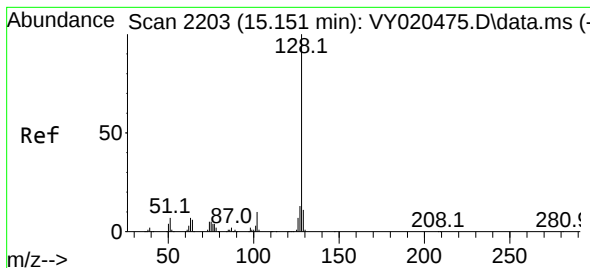
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.5

227 63.5 32.3 96.8





#95

Naphthalene

Concen: 45.437 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Instrument :

MSVOA_Y

ClientSampleId :

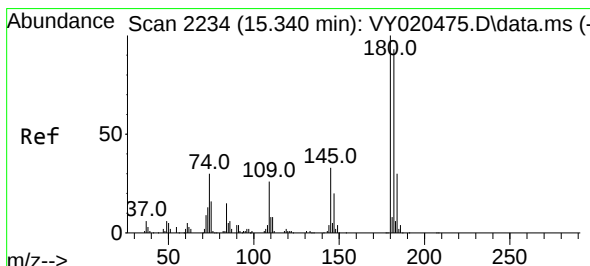
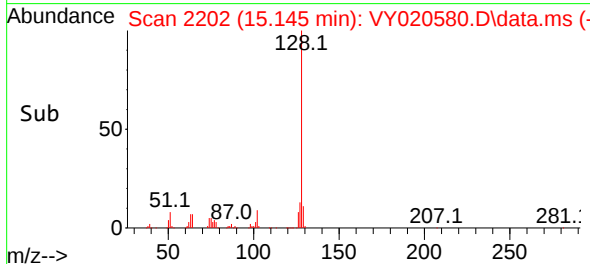
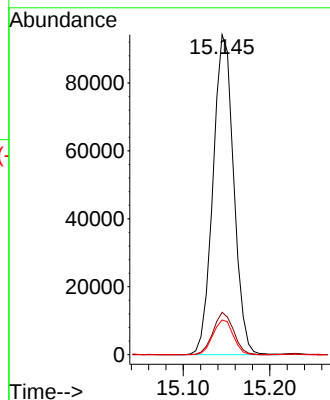
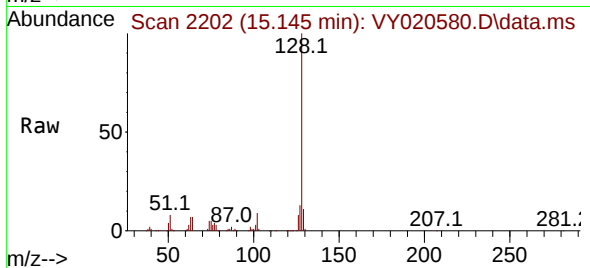
Tgt Ion:128 Resp: 156577

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.058 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.006 min

Lab File: VY020580.D

Acq: 11 Dec 2024 11:11

Tgt Ion:180 Resp: 79141

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.3

145 33.6 16.9 50.6

