

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121724\
 Data File : VY020620.D
 Acq On : 17 Dec 2024 17:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY121724

Quant Time: Dec 18 05:29:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	173629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	261652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	229207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	127757	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	79812	41.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.940%
35) Dibromofluoromethane	7.634	113	82508	44.743	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.480%
50) Toluene-d8	10.103	98	297999	46.169	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.340%
62) 4-Bromofluorobenzene	12.408	95	108522	42.982	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	103417	47.686	ug/l	96
3) Chloromethane	2.068	50	72696	45.240	ug/l	96
4) Vinyl Chloride	2.202	62	72204	48.277	ug/l	100
5) Bromomethane	2.599	94	46536	48.405	ug/l	95
6) Chloroethane	2.733	64	44843	48.520	ug/l	95
7) Trichlorofluoromethane	3.062	101	147334	47.080	ug/l	100
8) Diethyl Ether	3.458	74	48299	44.007	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	111288	49.613	ug/l	100
10) Methyl Iodide	4.007	142	125272	50.161	ug/l	98
11) Tert butyl alcohol	4.854	59	35896	166.993	ug/l	99
12) 1,1-Dichloroethene	3.787	96	109207	50.176	ug/l	99
13) Acrolein	3.653	56	13043	145.056	ug/l	95
14) Allyl chloride	4.385	41	194403	50.975	ug/l	99
15) Acrylonitrile	5.055	53	111135	211.661	ug/l	99
16) Acetone	3.867	43	128884	343.570	ug/l	95
17) Carbon Disulfide	4.110	76	357372	50.444	ug/l	99
18) Methyl Acetate	4.385	43	56965	44.029	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	254917	45.379	ug/l	98
20) Methylene Chloride	4.616	84	110314	46.658	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	118791	48.656	ug/l	96
22) Diisopropyl ether	6.019	45	373306	48.223	ug/l	96
23) Vinyl Acetate	5.964	43	993429	226.581	ug/l	99
24) 1,1-Dichloroethane	5.915	63	221322	48.802	ug/l	100
25) 2-Butanone	6.897	43	162705	230.232	ug/l	97
26) 2,2-Dichloropropane	6.884	77	199229	46.471	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	135394	48.202	ug/l	100
28) Bromochloromethane	7.244	49	78629	51.402	ug/l	99
29) Tetrahydrofuran	7.262	42	90590	203.060	ug/l	98
30) Chloroform	7.421	83	227671	49.995	ug/l	97
31) Cyclohexane	7.701	56	199127	45.921	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	203477	48.837	ug/l	99
36) 1,1-Dichloropropene	7.835	75	166171	49.418	ug/l	99
37) Ethyl Acetate	6.982	43	67205	42.490	ug/l	99
38) Carbon Tetrachloride	7.817	117	185268	49.800	ug/l	99
39) Methylcyclohexane	9.110	83	214365	48.913	ug/l	98
40) Benzene	8.079	78	486468	49.357	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	39828	47.631	ug/l #	86
42) 1,2-Dichloroethane	8.159	62	122520	46.869	ug/l	99
43) Isopropyl Acetate	8.195	43	130339	43.528	ug/l #	88
44) Trichloroethene	8.866	130	120014	49.555	ug/l	98
45) 1,2-Dichloropropane	9.140	63	112171	48.695	ug/l	98
46) Dibromomethane	9.232	93	56323	46.265	ug/l	99
47) Bromodichloromethane	9.421	83	158529	48.208	ug/l	100
48) Methyl methacrylate	9.219	41	63016	44.268	ug/l	99
49) 1,4-Dioxane	9.232	88	11394	816.119	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	331396	209.670	ug/l	100
52) Toluene	10.170	92	300584	49.073	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	146498	47.810	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	178584	49.184	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	73962	45.952	ug/l	99
56) Ethyl methacrylate	10.439	69	108638	46.525	ug/l	98
57) 1,3-Dichloropropane	10.713	76	134515	46.882	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	239347	243.610	ug/l	100
59) 2-Hexanone	10.756	43	240324	236.822	ug/l	100
60) Dibromochloromethane	10.908	129	101431	47.121	ug/l	97
61) 1,2-Dibromoethane	11.018	107	68798	45.952	ug/l	99
64) Tetrachloroethene	10.646	164	106990	49.626	ug/l	94
65) Chlorobenzene	11.438	112	313945	48.986	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	107564	49.083	ug/l	99
67) Ethyl Benzene	11.518	91	588990	49.815	ug/l	99
68) m/p-Xylenes	11.627	106	437108	99.430	ug/l	100
69) o-Xylene	11.957	106	203316	49.568	ug/l	98
70) Styrene	11.969	104	341470	49.827	ug/l	99
71) Bromoform	12.133	173	56002	45.451	ug/l #	100
73) Isopropylbenzene	12.255	105	556414	49.908	ug/l	100
74) N-amyl acetate	12.072	43	118269	45.328	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	81117	44.824	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	109938	82.838	ug/l #	100
77) Bromobenzene	12.536	156	117217	48.267	ug/l	99
78) n-propylbenzene	12.597	91	668577	49.775	ug/l	100
79) 2-Chlorotoluene	12.682	91	375047	49.628	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	452266	49.995	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	28650	45.313	ug/l	99
82) 4-Chlorotoluene	12.780	91	383617	48.929	ug/l	100
83) tert-Butylbenzene	12.999	119	405285	49.469	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	442582	49.877	ug/l	100
85) sec-Butylbenzene	13.176	105	589060	49.451	ug/l	100
86) p-Isopropyltoluene	13.292	119	492898	50.187	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	233241	48.653	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	227374	47.888	ug/l	100
89) n-Butylbenzene	13.621	91	472143	50.725	ug/l	99
90) Hexachloroethane	13.883	117	96035	49.342	ug/l	100
91) 1,2-Dichlorobenzene	13.658	146	200049	48.162	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	12169	41.418	ug/l	97
93) 1,2,4-Trichlorobenzene	14.926	180	124084	49.388	ug/l	99
94) Hexachlorobutadiene	15.029	225	84375	51.372	ug/l	99
95) Naphthalene	15.145	128	199622	46.344	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	103298	48.662	ug/l	100

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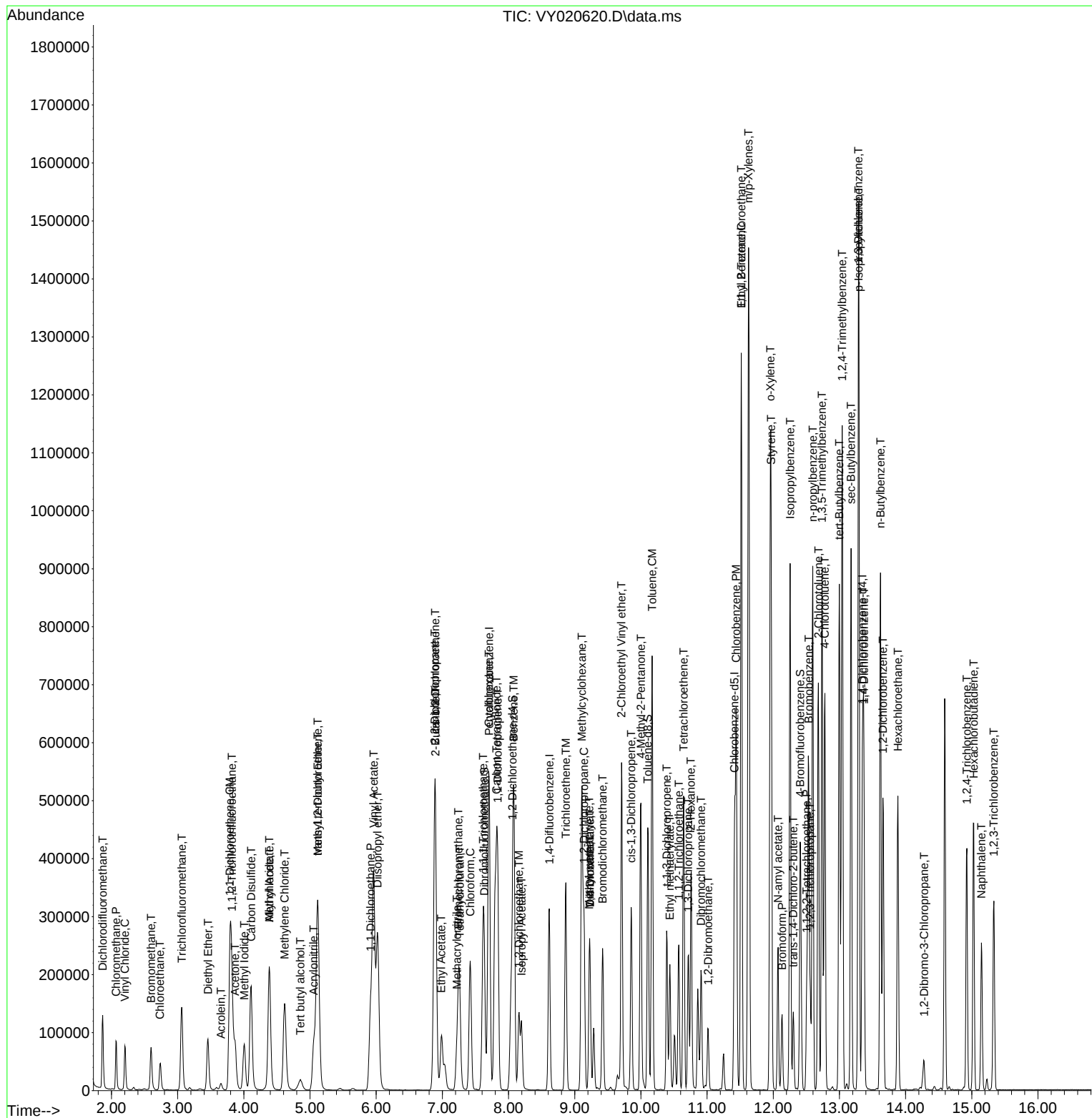
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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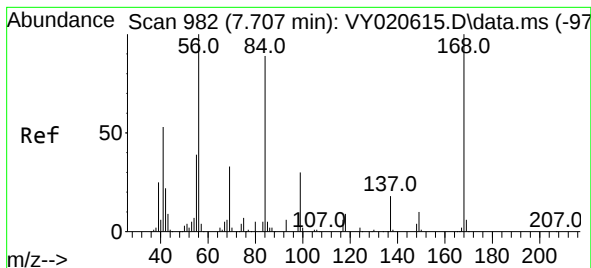
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY020620.D

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Instrument :

MSVOA_Y

ClientSampleId :

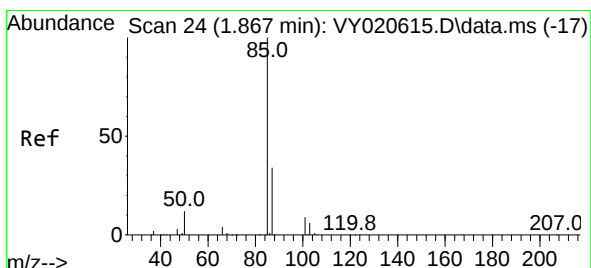
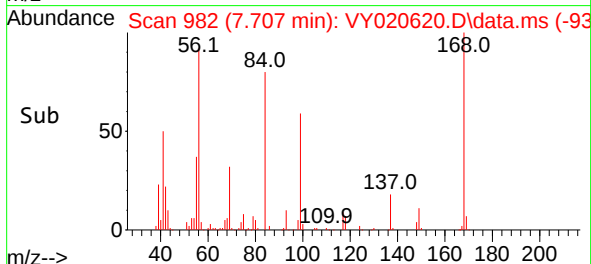
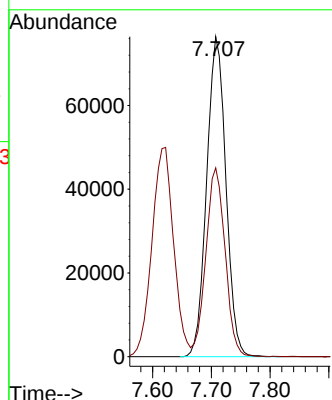
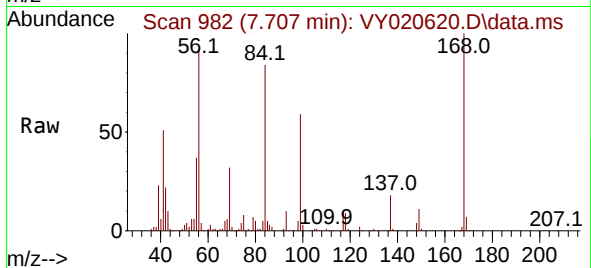
ICVY121724

Tgt Ion:168 Resp: 173629

Ion Ratio Lower Upper

168 100

99 58.9 47.0 70.6



#2

Dichlorodifluoromethane

Concen: 47.686 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY020620.D

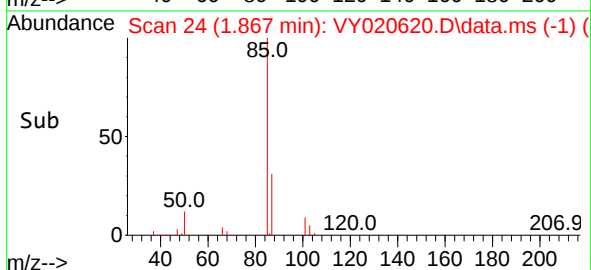
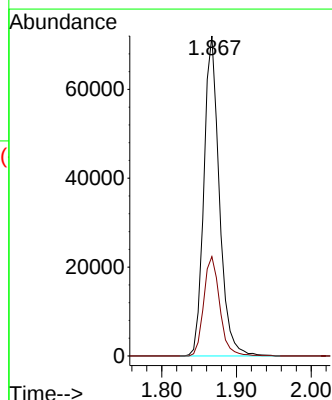
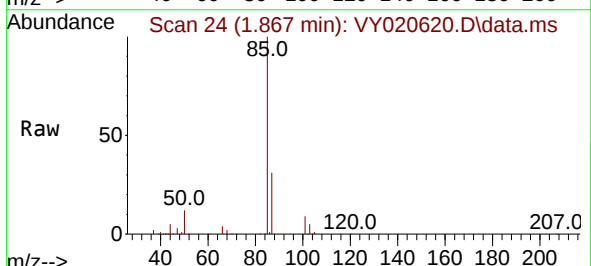
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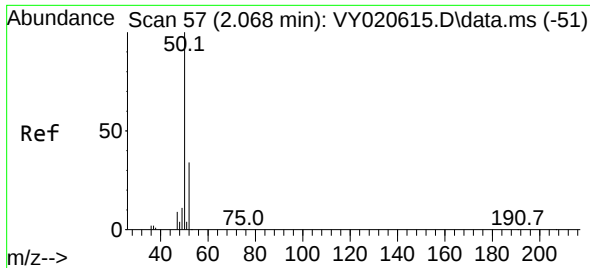
Tgt Ion: 85 Resp: 103417

Ion Ratio Lower Upper

85 100

87 31.1 16.8 50.3

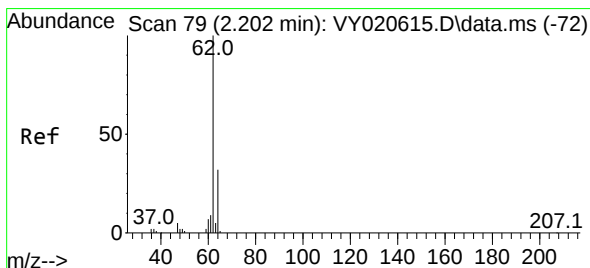
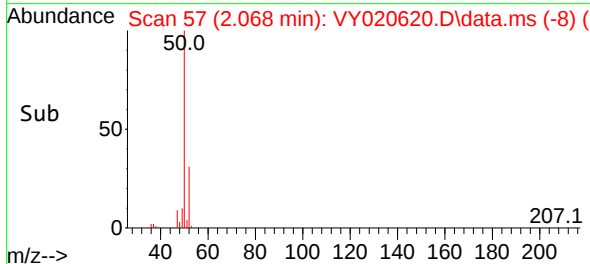
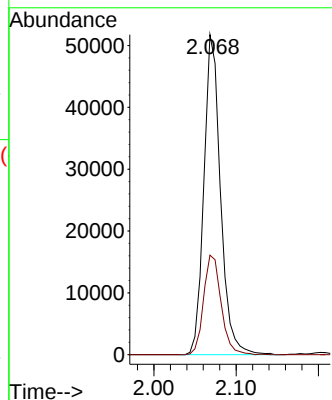
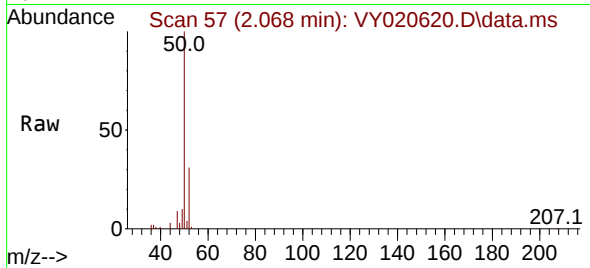




#3
Chloromethane
Concen: 45.240 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

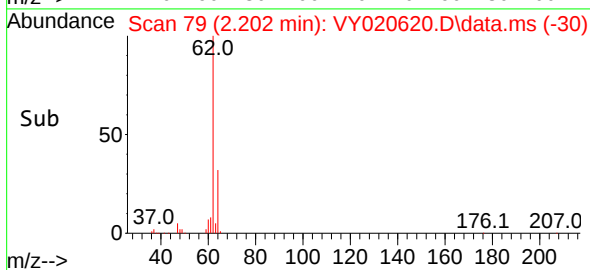
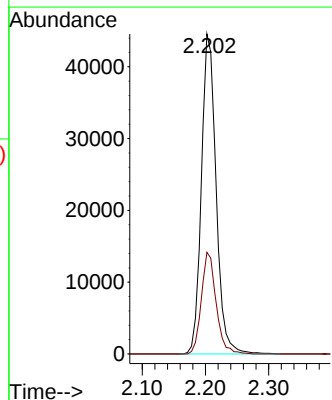
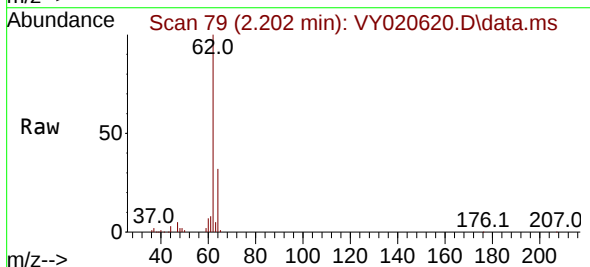
Instrument :
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ClientSampleId :
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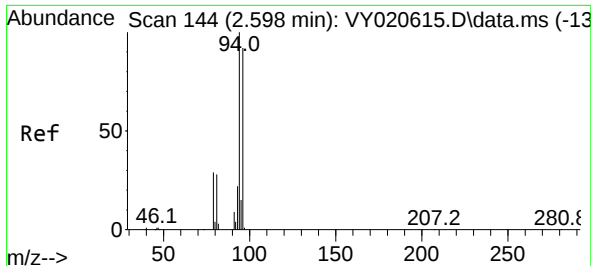
Tgt Ion: 50 Resp: 72696
Ion Ratio Lower Upper
50 100
52 31.1 26.8 40.2



#4
Vinyl Chloride
Concen: 48.277 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion: 62 Resp: 72204
Ion Ratio Lower Upper
62 100
64 31.7 25.3 37.9

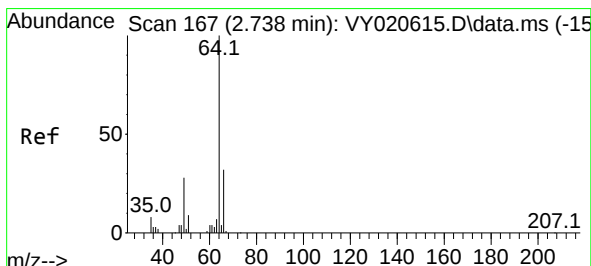
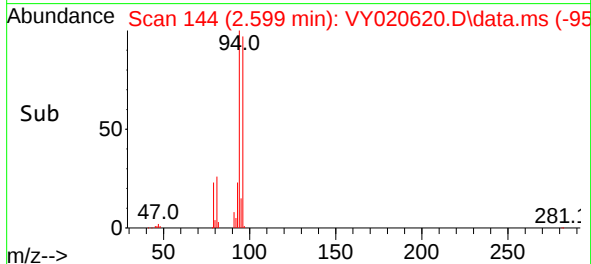
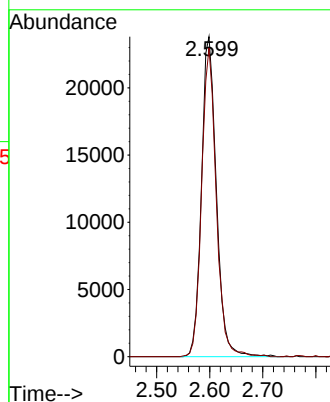
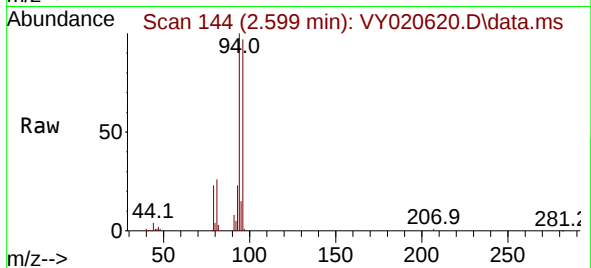




#5
Bromomethane
Concen: 48.405 ug/l
RT: 2.599 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

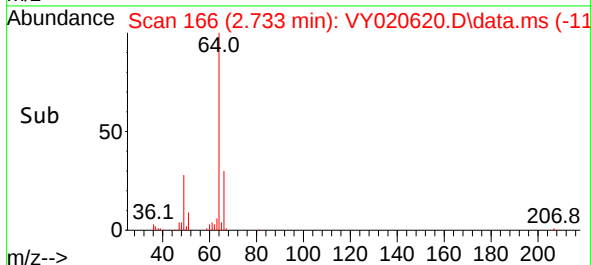
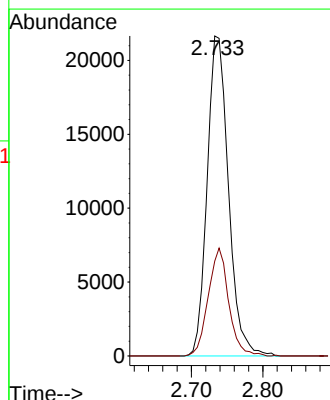
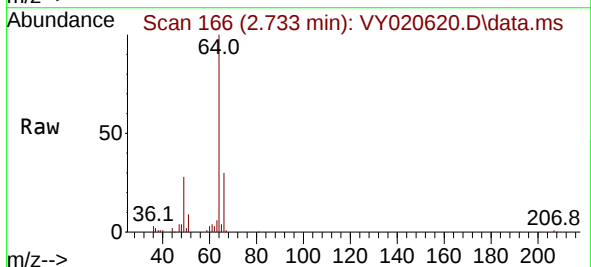
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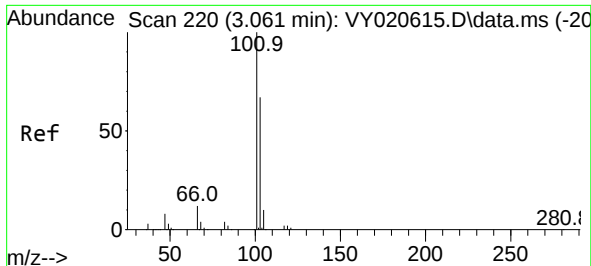
Tgt Ion: 94 Resp: 46536
Ion Ratio Lower Upper
94 100
96 96.5 73.8 110.6



#6
Chloroethane
Concen: 48.520 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion: 64 Resp: 44843
Ion Ratio Lower Upper
64 100
66 29.7 25.8 38.6

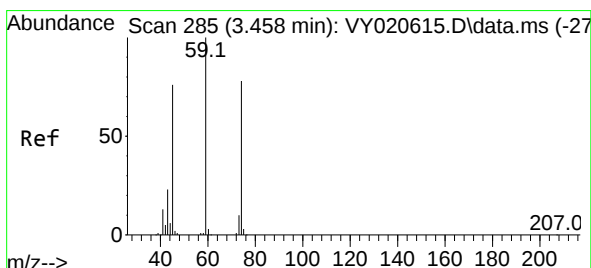
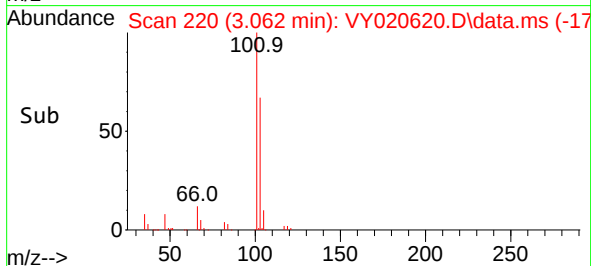
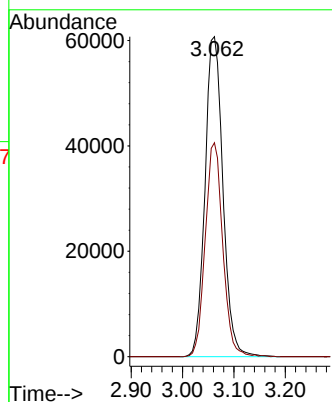
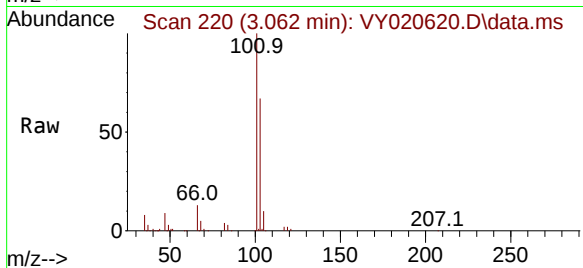




#7
Trichlorofluoromethane
Concen: 47.080 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

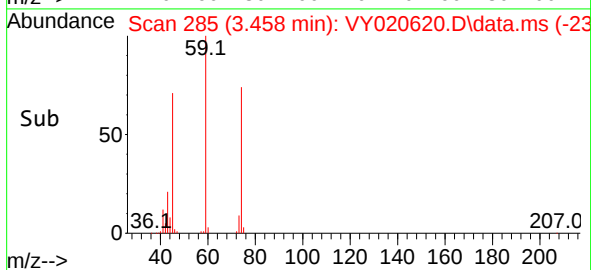
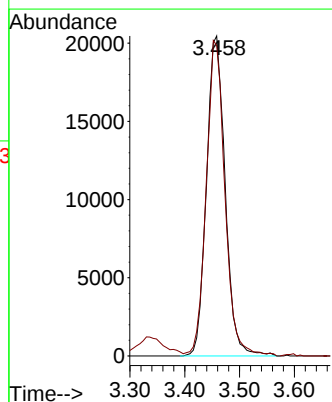
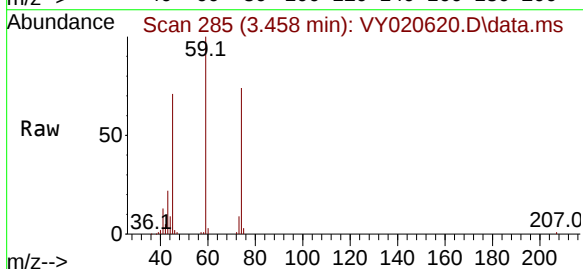
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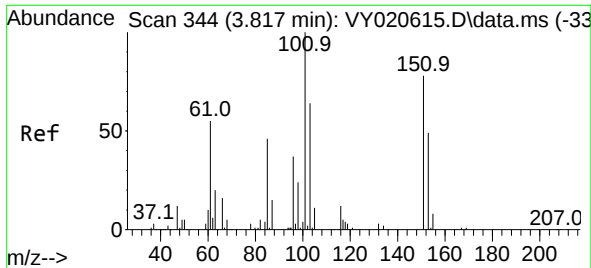
Tgt Ion:101 Resp: 147334
Ion Ratio Lower Upper
101 100
103 66.9 53.4 80.0



#8
Diethyl Ether
Concen: 44.007 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion: 74 Resp: 48299
Ion Ratio Lower Upper
74 100
45 98.8 49.0 147.2

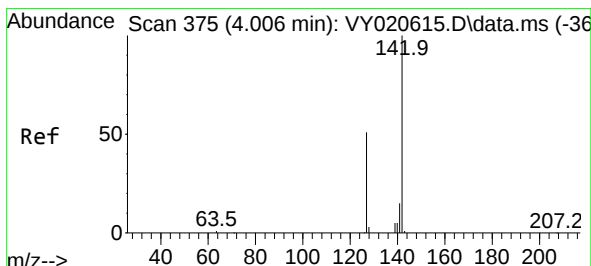
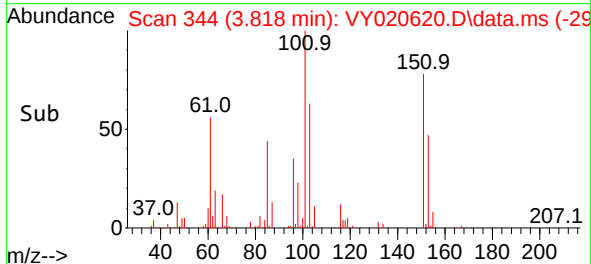
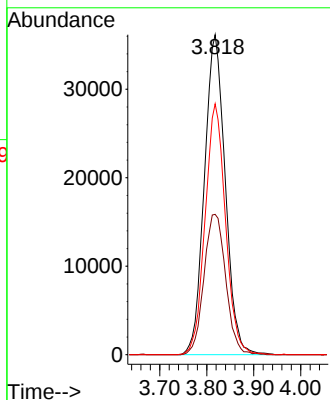
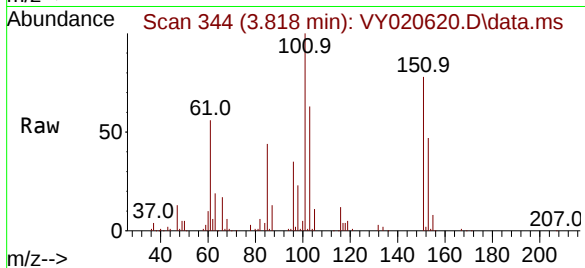




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.613 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

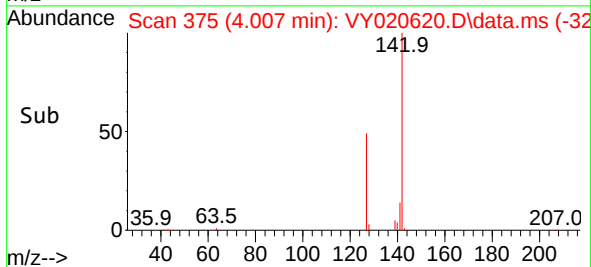
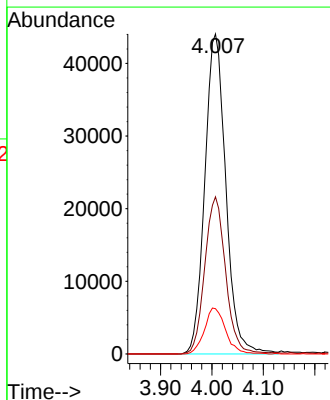
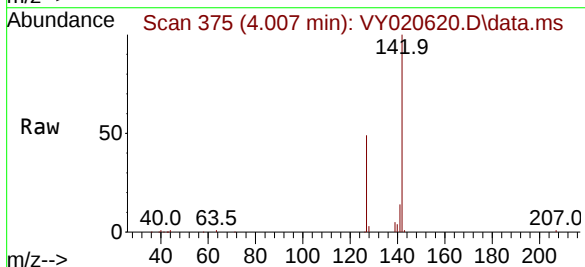
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121724

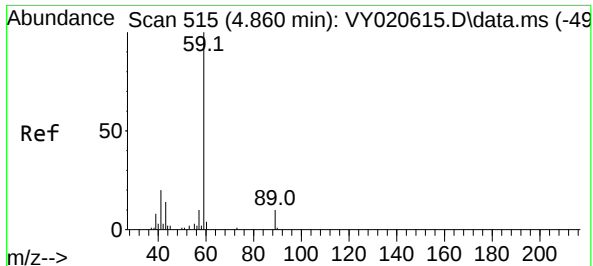
Tgt Ion:101 Resp: 111288
Ion Ratio Lower Upper
101 100
85 45.8 36.6 54.8
151 76.9 61.5 92.3



#10
Methyl Iodide
Concen: 50.161 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.001 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion:142 Resp: 125272
Ion Ratio Lower Upper
142 100
127 48.6 40.6 61.0
141 14.5 11.7 17.5





#11

Tert butyl alcohol

Concen: 166.993 ug/l

RT: 4.854 min Scan# 515

Delta R.T. -0.006 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

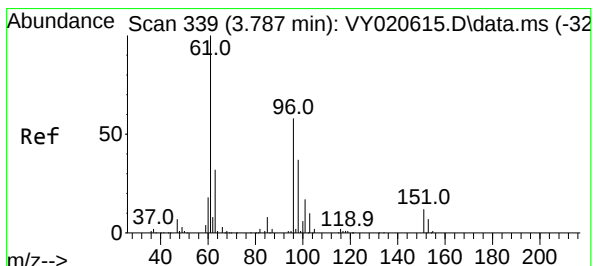
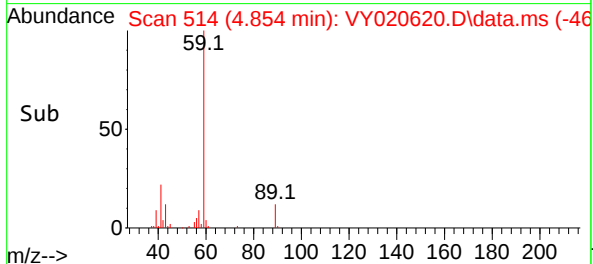
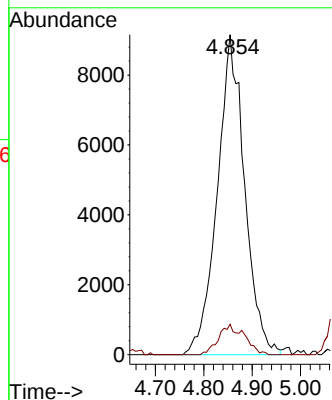
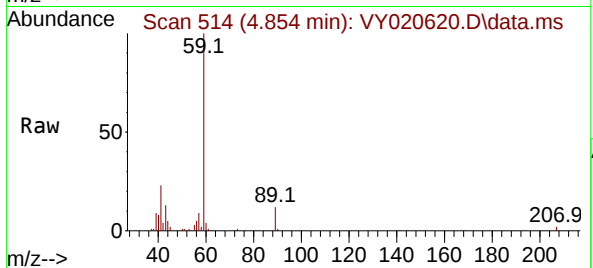
ICVY121724

Tgt Ion: 59 Resp: 35896

Ion Ratio Lower Upper

59 100

57 9.0 7.4 11.0



#12

1,1-Dichloroethene

Concen: 50.176 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

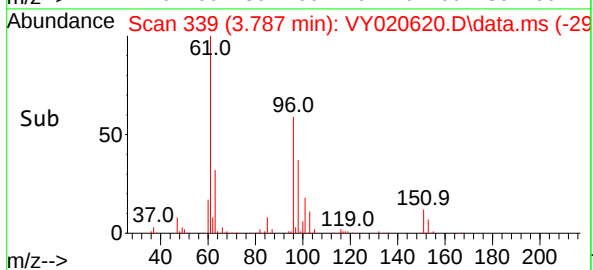
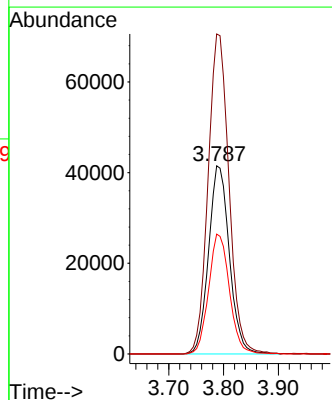
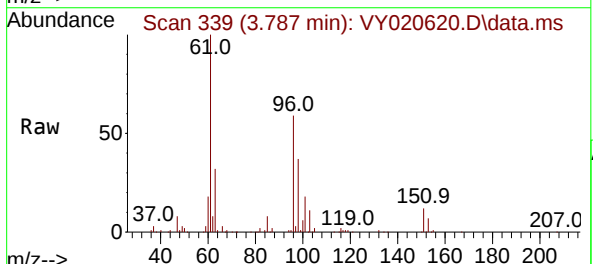
Tgt Ion: 96 Resp: 109207

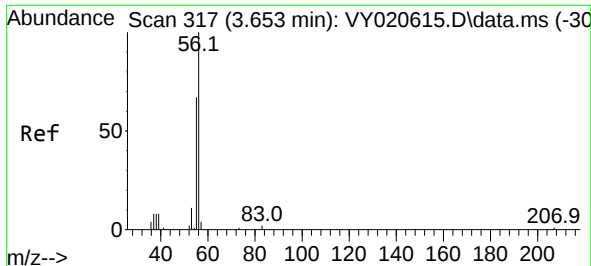
Ion Ratio Lower Upper

96 100

61 170.1 136.9 205.3

98 63.7 50.2 75.4

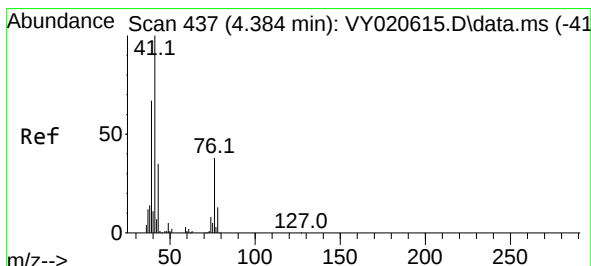
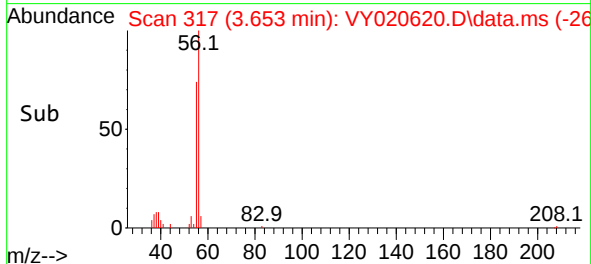
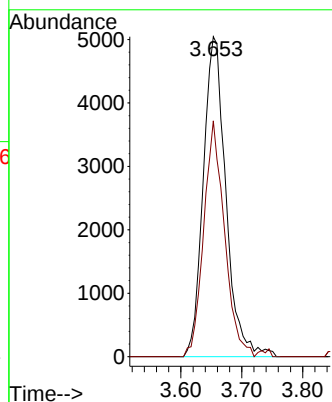
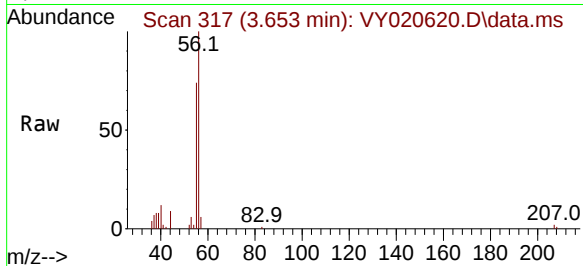




#13
Acrolein
Concen: 145.056 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

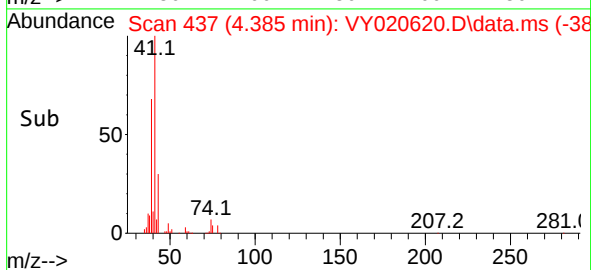
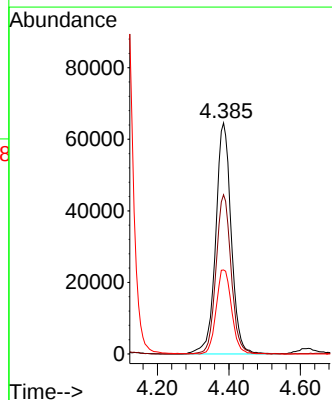
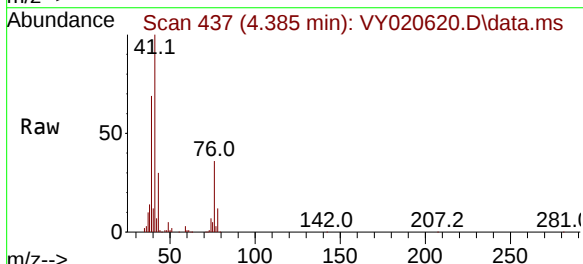
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121724

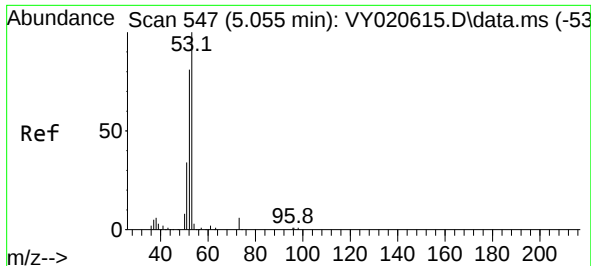
Tgt Ion: 56 Resp: 13043
Ion Ratio Lower Upper
56 100
55 67.6 57.5 86.3



#14
Allyl chloride
Concen: 50.975 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion: 41 Resp: 194403
Ion Ratio Lower Upper
41 100
39 67.2 53.0 79.4
76 36.1 29.5 44.3

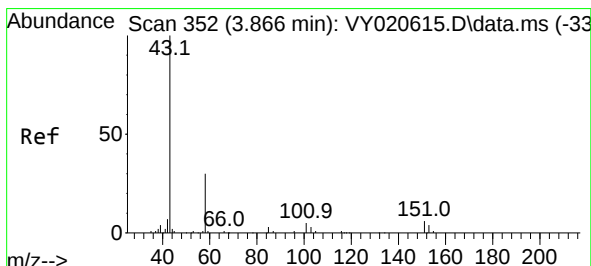
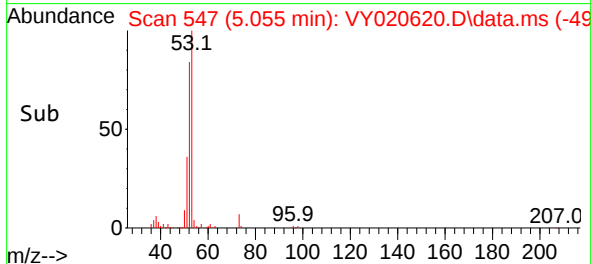
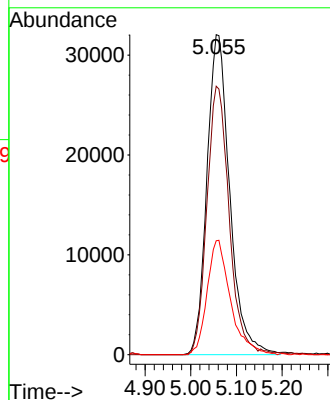
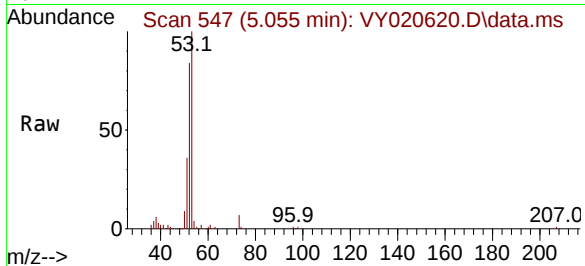




#15
Acrylonitrile
Concen: 211.661 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

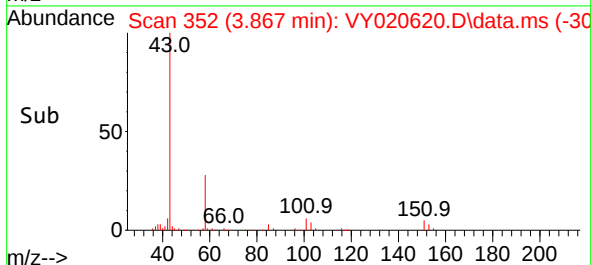
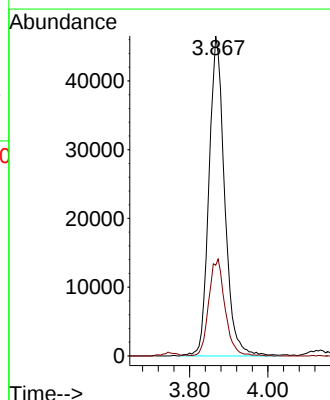
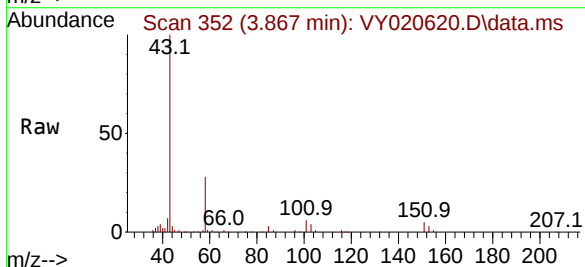
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121724

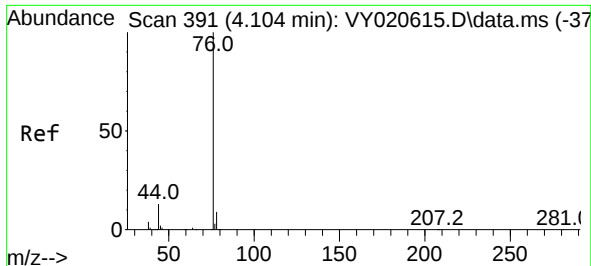
Tgt Ion: 53 Resp: 111135
Ion Ratio Lower Upper
53 100
52 82.3 64.5 96.7
51 36.6 29.4 44.0



#16
Acetone
Concen: 343.570 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.001 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion: 43 Resp: 128884
Ion Ratio Lower Upper
43 100
58 28.4 25.0 37.6

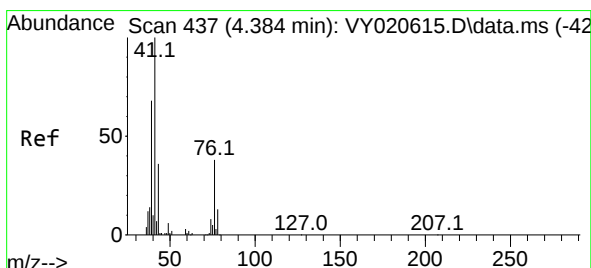
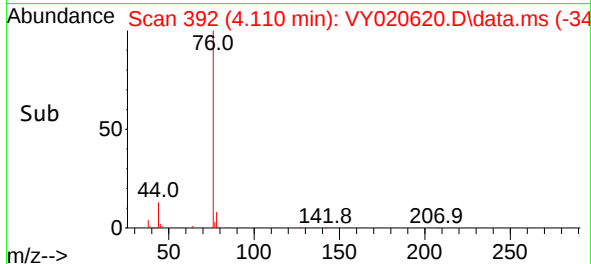
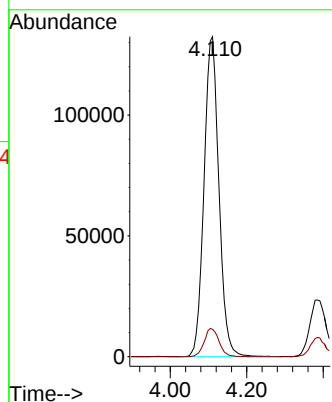
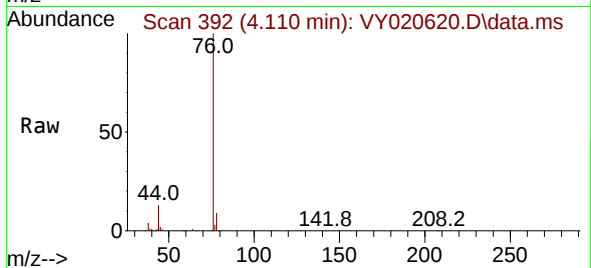




#17
Carbon Disulfide
Concen: 50.444 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.007 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

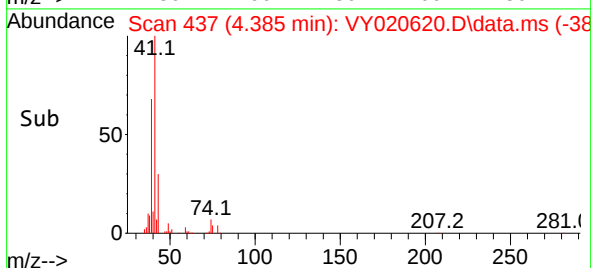
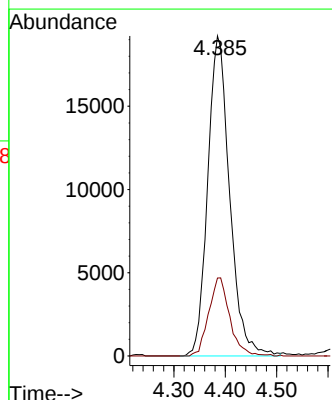
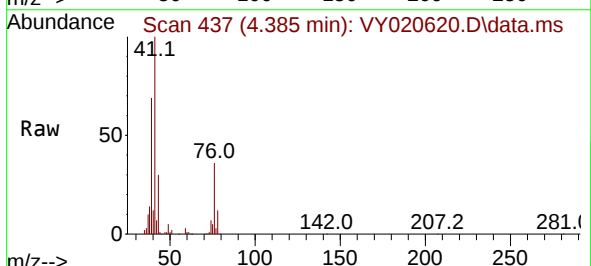
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121724

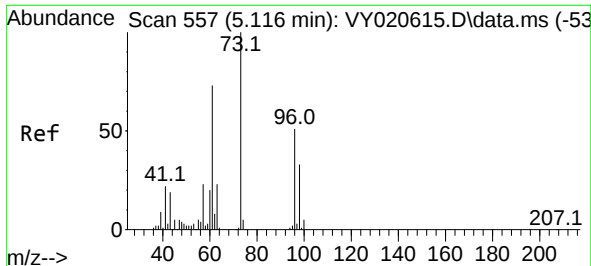
Tgt Ion: 76 Resp: 357372
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 44.029 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion: 43 Resp: 56965
Ion Ratio Lower Upper
43 100
74 23.5 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 45.379 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

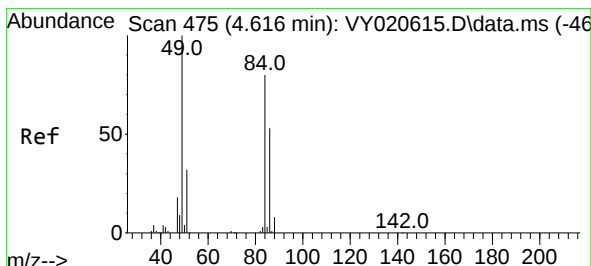
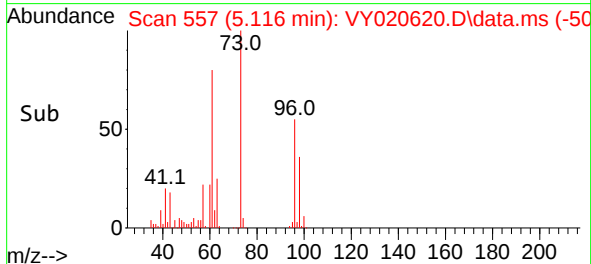
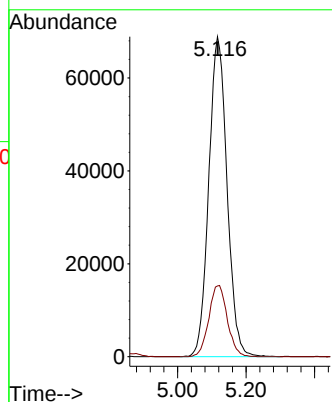
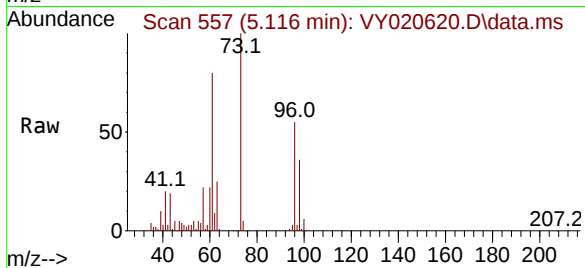
ICVY121724

Tgt Ion: 73 Resp: 254917

Ion Ratio Lower Upper

73 100

57 22.1 18.5 27.7



#20

Methylene Chloride

Concen: 46.658 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Tgt Ion: 84 Resp: 110314

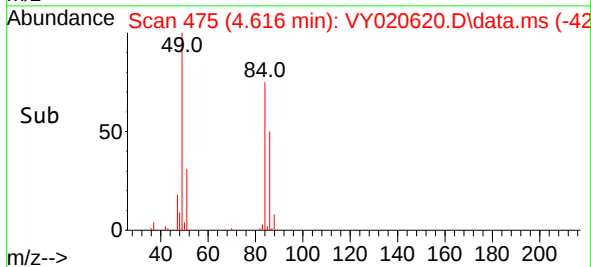
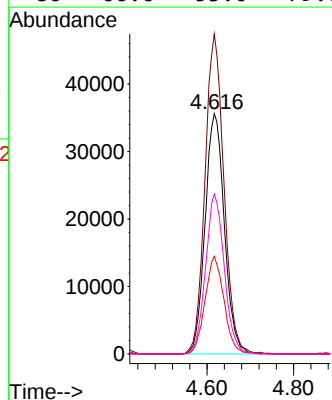
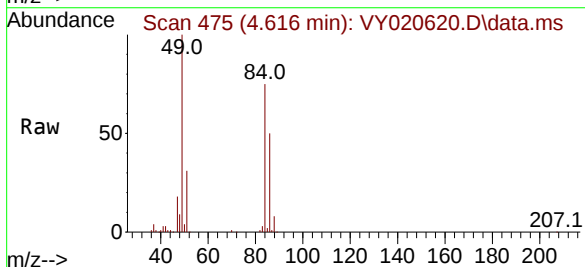
Ion Ratio Lower Upper

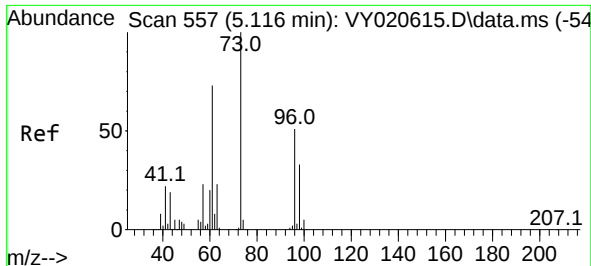
84 100

49 133.2 100.7 151.1

51 40.6 32.2 48.2

86 66.6 53.0 79.6

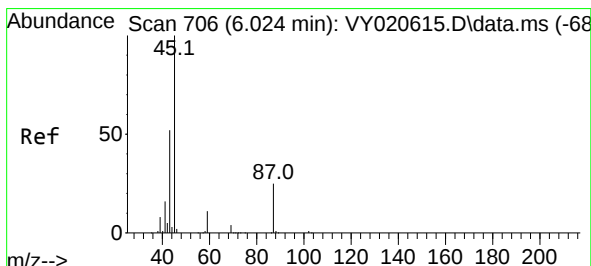
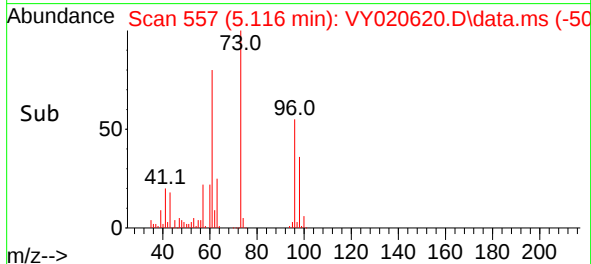
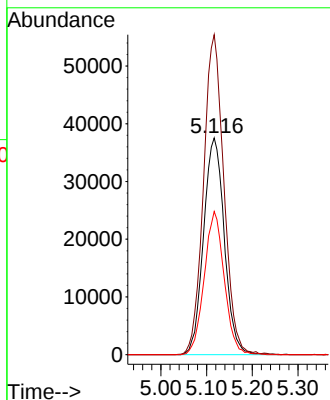
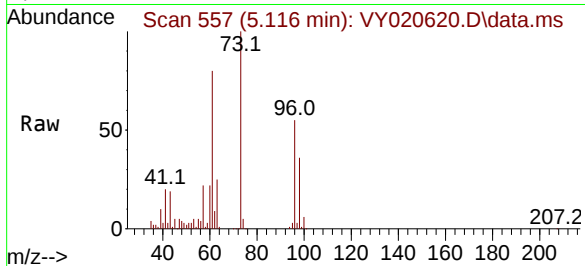




#21
trans-1,2-Dichloroethene
Concen: 48.656 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

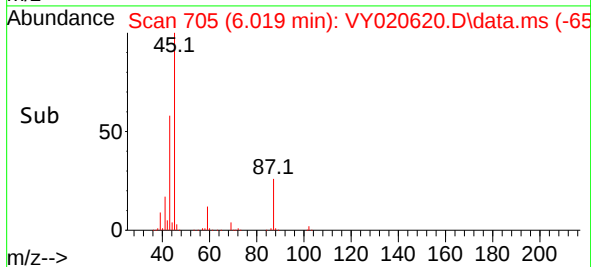
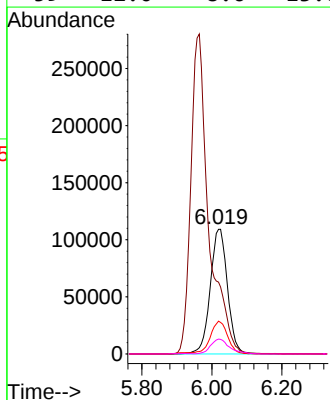
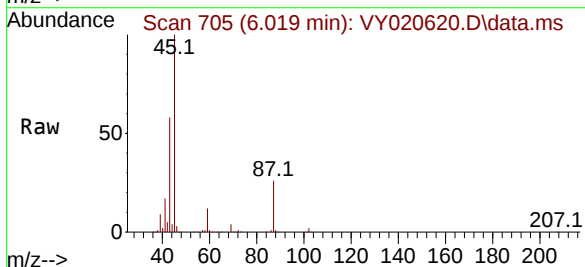
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121724

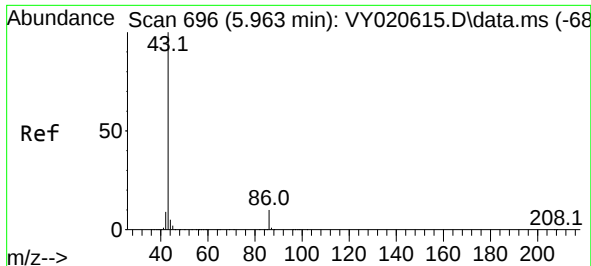
Tgt Ion: 96 Resp: 118791
Ion Ratio Lower Upper
96 100
61 147.4 113.7 170.5
98 66.0 51.7 77.5



#22
Diisopropyl ether
Concen: 48.223 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion: 45 Resp: 373306
Ion Ratio Lower Upper
45 100
43 57.4 42.6 64.0
87 26.3 20.6 31.0
59 12.0 8.6 13.0

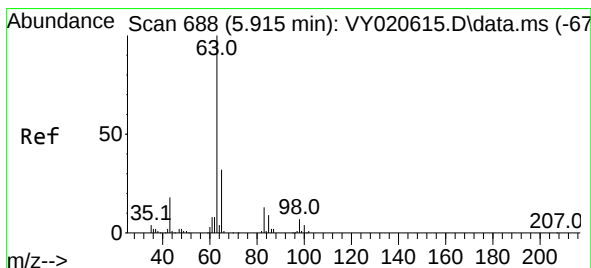
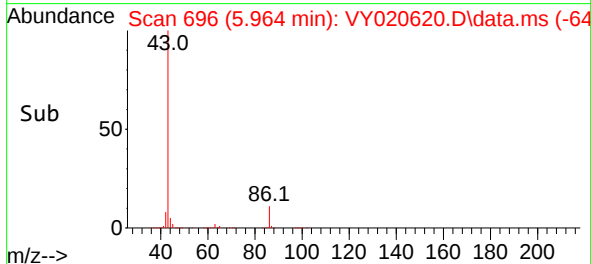
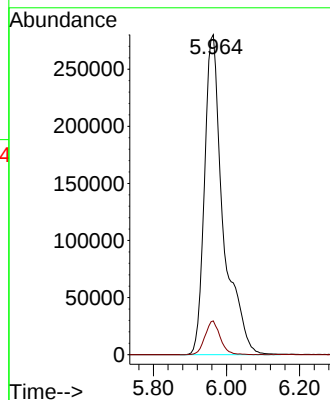
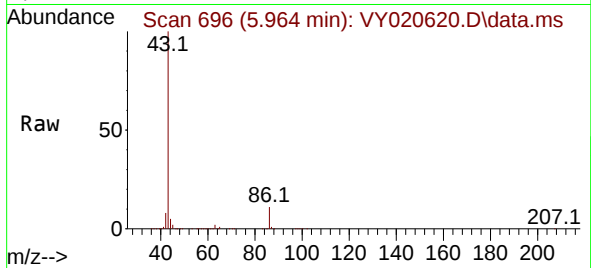




#23
 Vinyl Acetate
 Concen: 226.581 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020620.D
 Acq: 17 Dec 2024 17:41

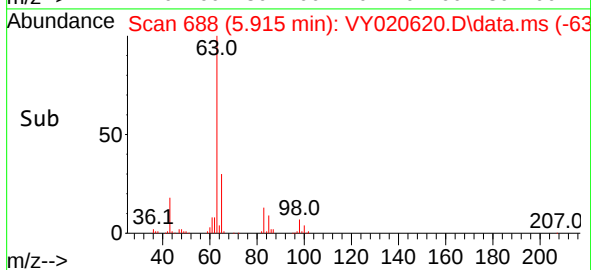
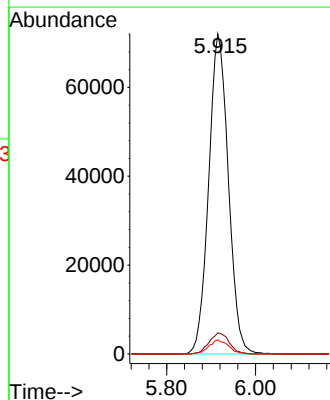
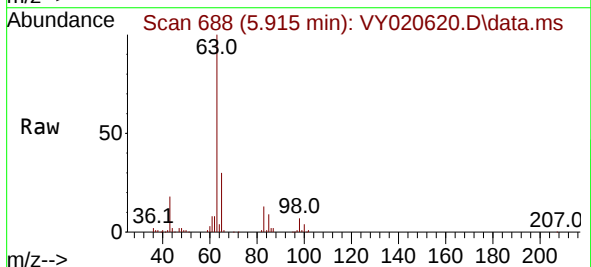
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY121724

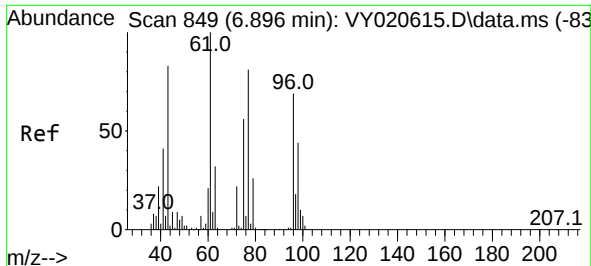
Tgt Ion: 43 Resp: 993429
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 48.802 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY020620.D
 Acq: 17 Dec 2024 17:41

Tgt Ion: 63 Resp: 221322
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 4.4 2.1 6.5

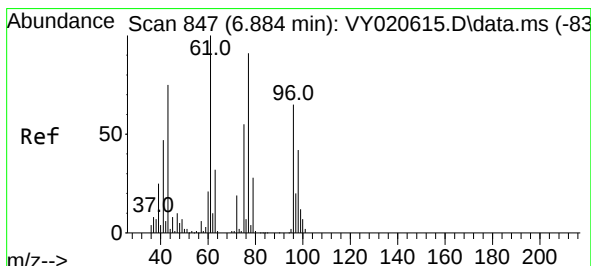
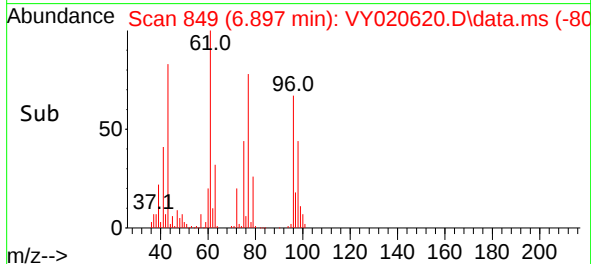
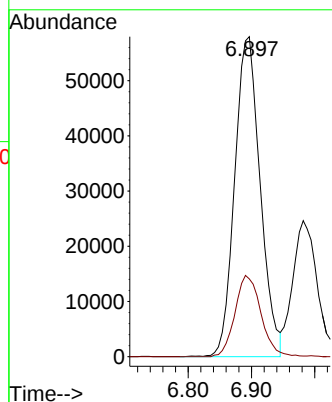
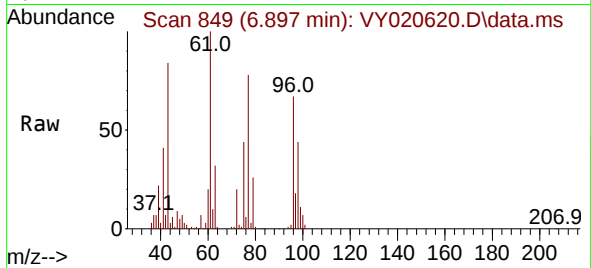




#25
2-Butanone
Concen: 230.232 ug/l
RT: 6.897 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

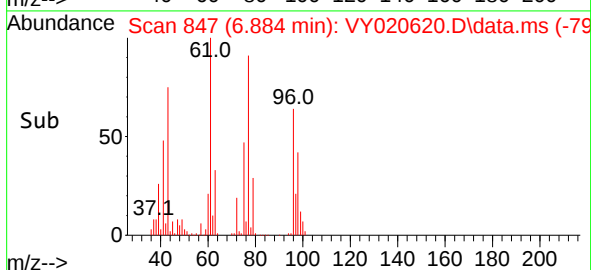
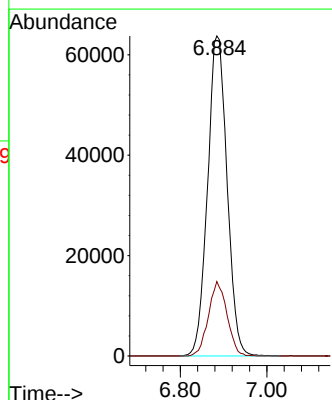
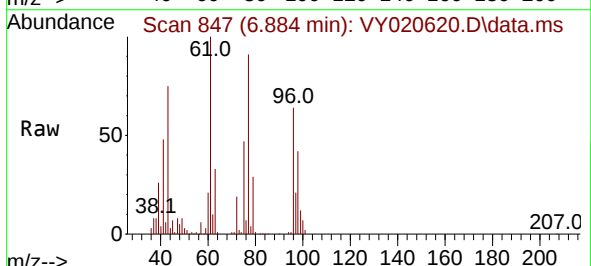
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121724

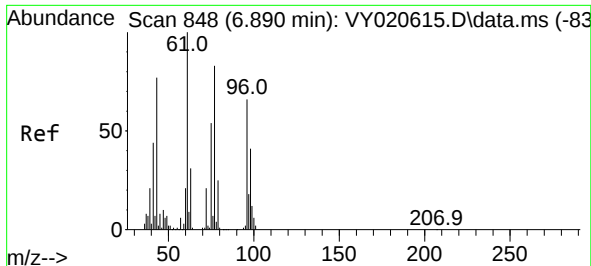
Tgt Ion: 43 Resp: 162705
Ion Ratio Lower Upper
43 100
72 24.3 20.6 31.0



#26
2,2-Dichloropropane
Concen: 46.471 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion: 77 Resp: 199229
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 48.202 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121724

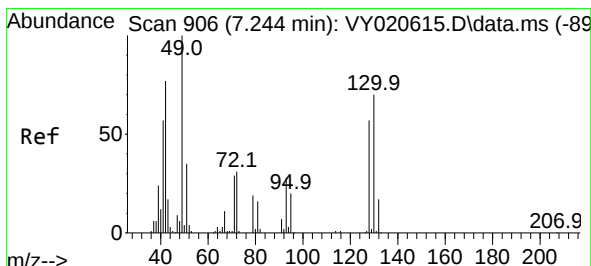
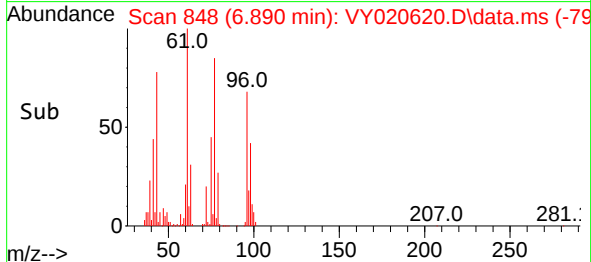
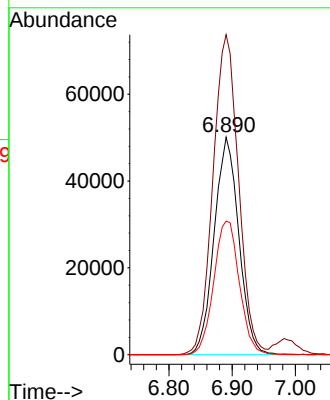
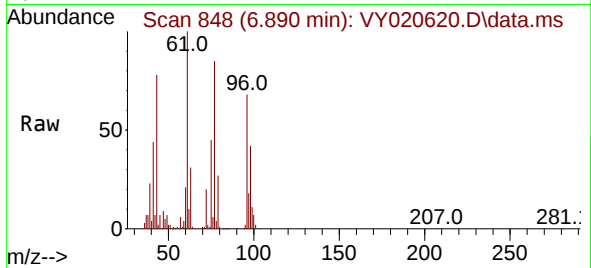
Tgt Ion: 96 Resp: 135394

Ion Ratio Lower Upper

96 100

61 152.6 0.0 306.2

98 63.9 0.0 127.2



#28

Bromochloromethane

Concen: 51.402 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

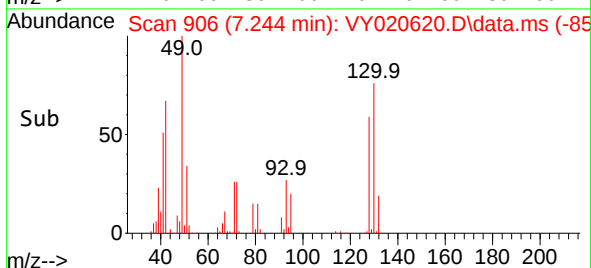
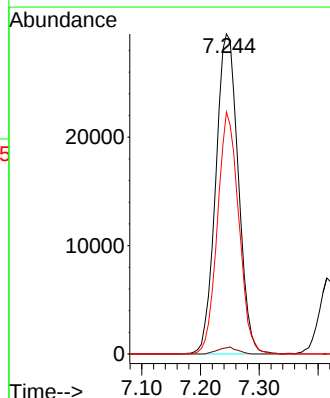
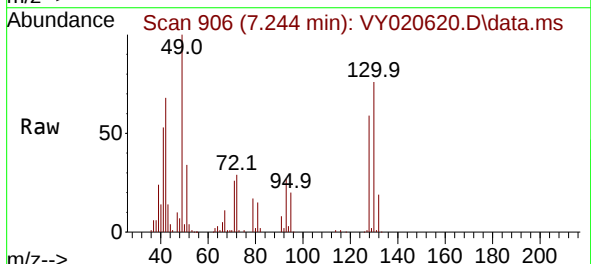
Tgt Ion: 49 Resp: 78629

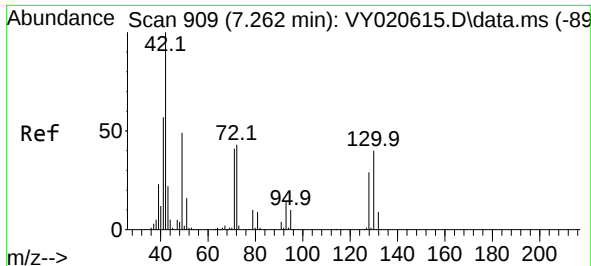
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 71.6 58.3 87.5





#29

Tetrahydrofuran

Concen: 203.060 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121724

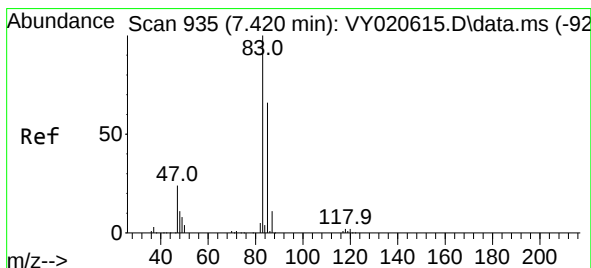
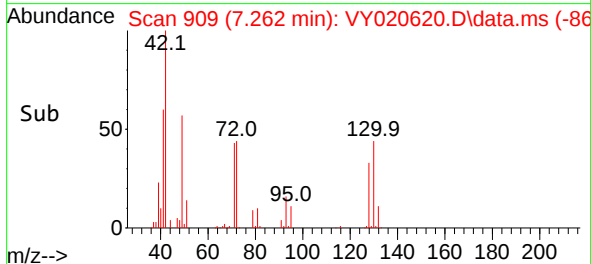
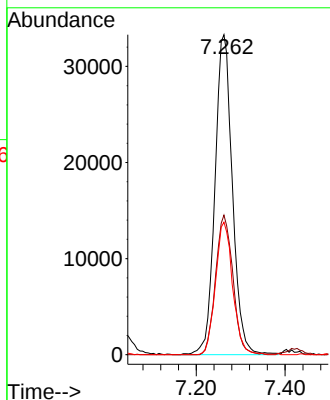
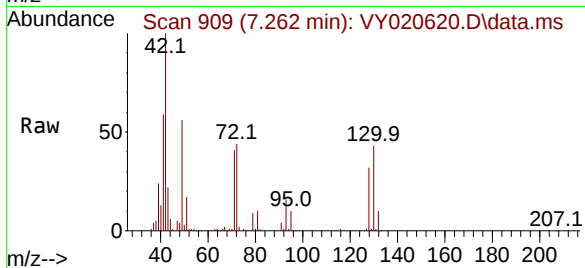
Tgt Ion: 42 Resp: 90590

Ion Ratio Lower Upper

42 100

72 43.4 34.0 51.0

71 40.8 31.6 47.4



#30

Chloroform

Concen: 49.995 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.001 min

Lab File: VY020620.D

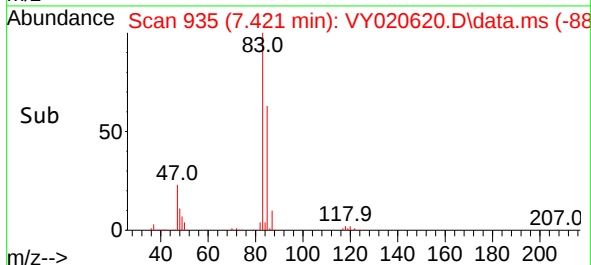
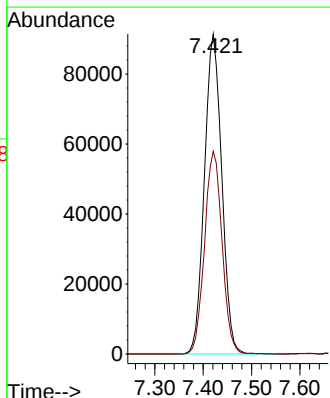
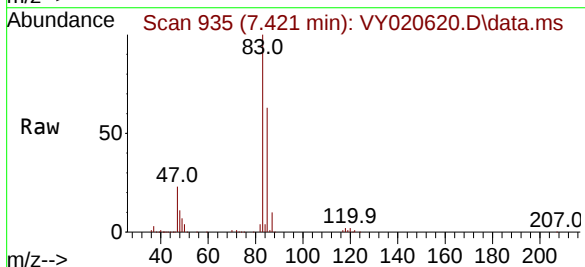
Acq: 17 Dec 2024 17:41

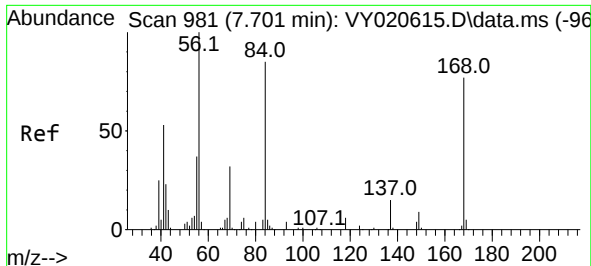
Tgt Ion: 83 Resp: 227671

Ion Ratio Lower Upper

83 100

85 63.3 52.7 79.1

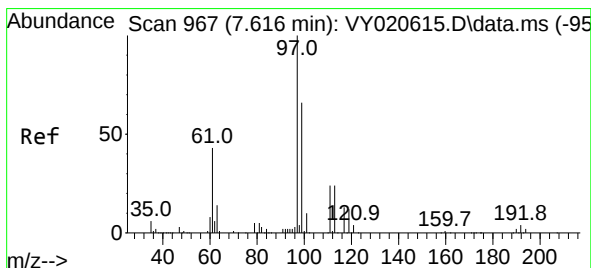
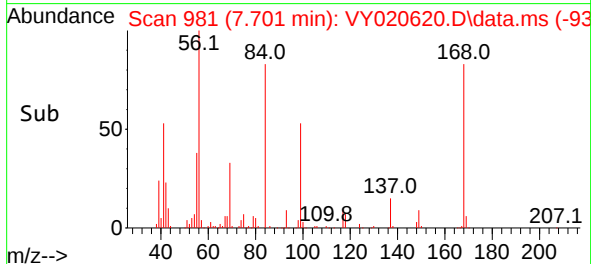
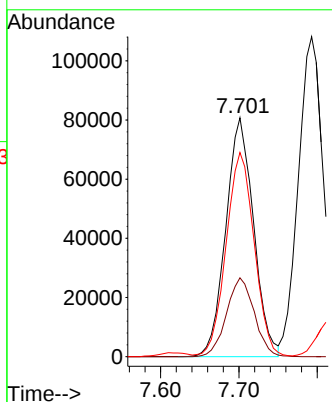
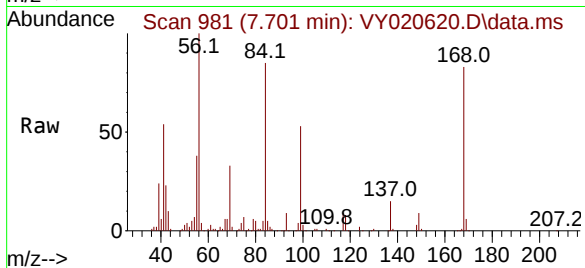




#31
Cyclohexane
Concen: 45.921 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

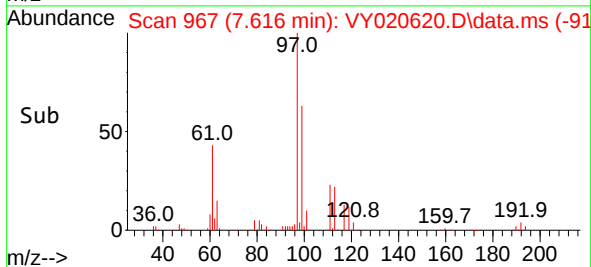
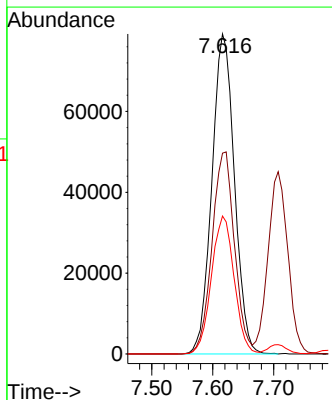
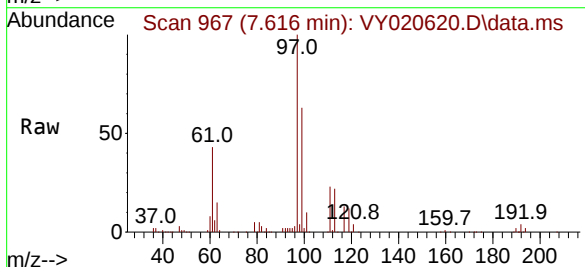
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121724

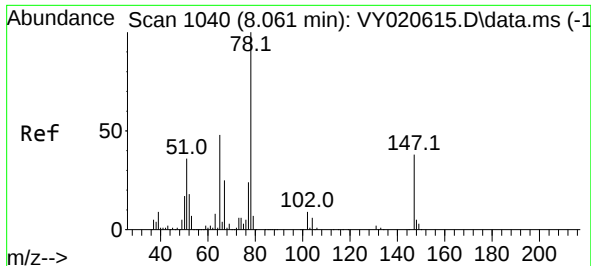
Tgt Ion: 56 Resp: 199127
Ion Ratio Lower Upper
56 100
69 33.0 25.4 38.0
84 83.9 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 48.837 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion: 97 Resp: 203477
Ion Ratio Lower Upper
97 100
99 63.1 51.6 77.4
61 43.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 41.971 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

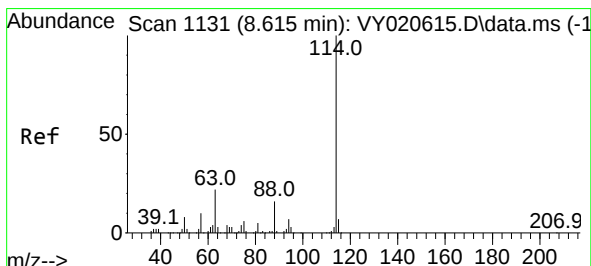
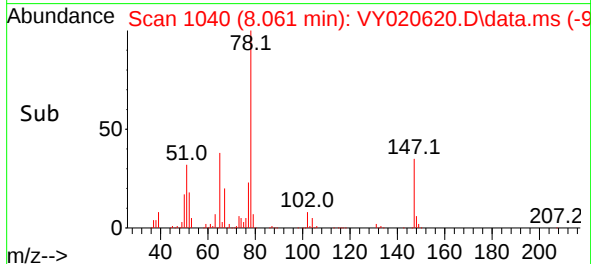
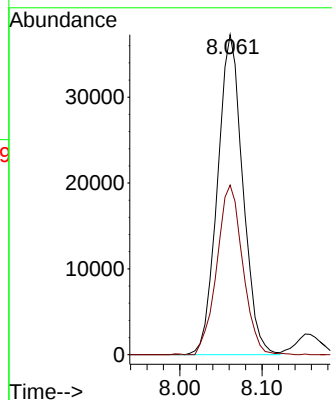
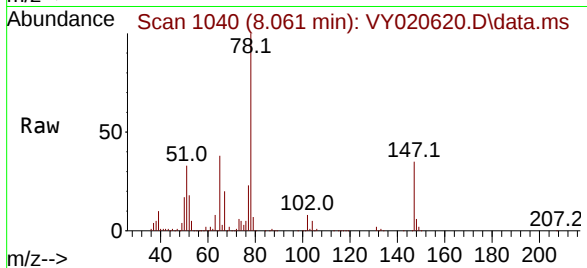
ICVY121724

Tgt Ion: 65 Resp: 79812

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

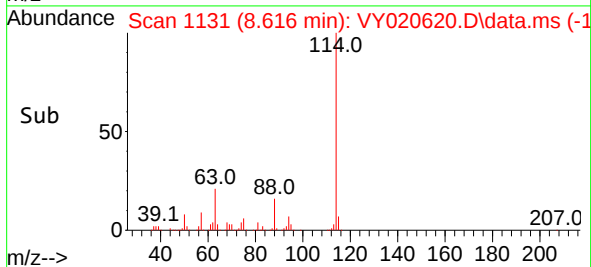
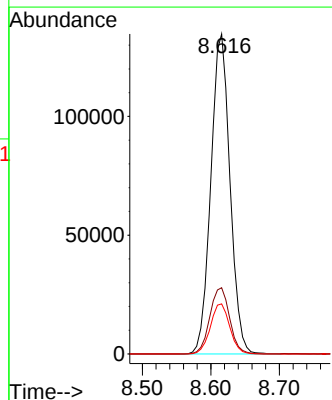
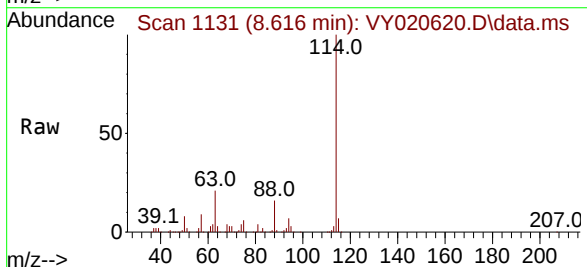
Tgt Ion: 114 Resp: 261652

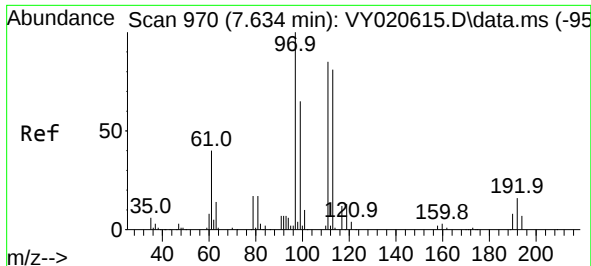
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.0

88 15.6 0.0 32.8

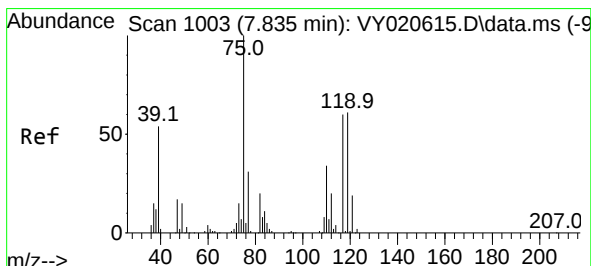
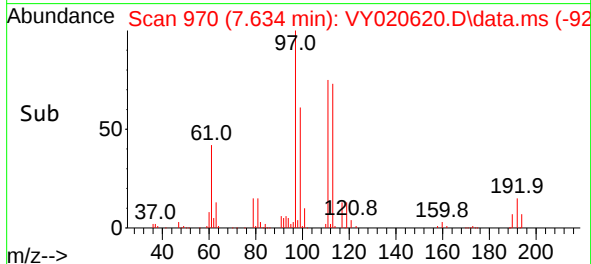
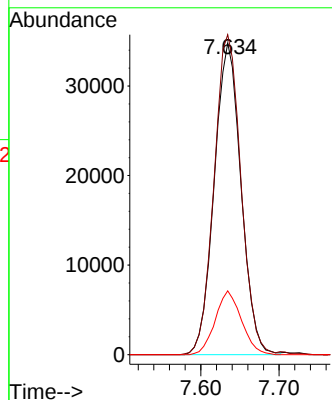
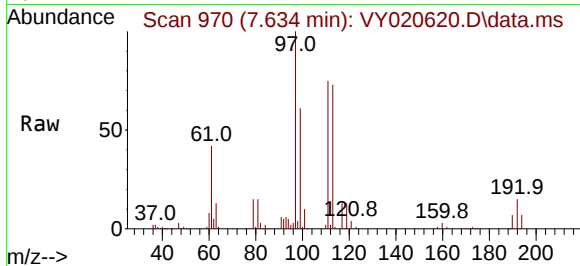




#35
Dibromofluoromethane
Concen: 44.743 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

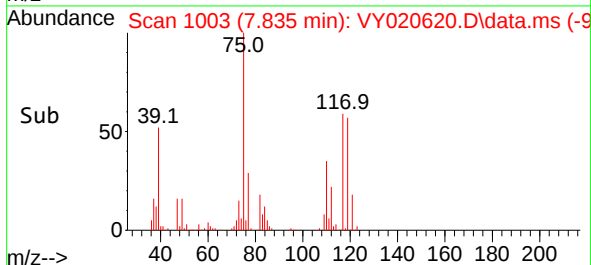
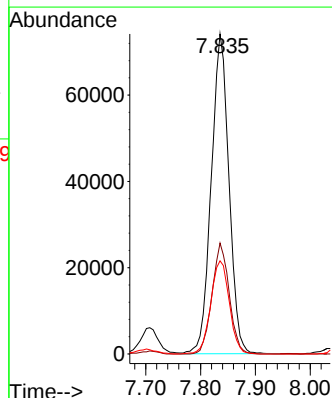
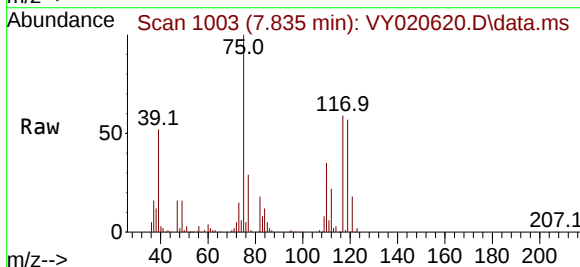
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121724

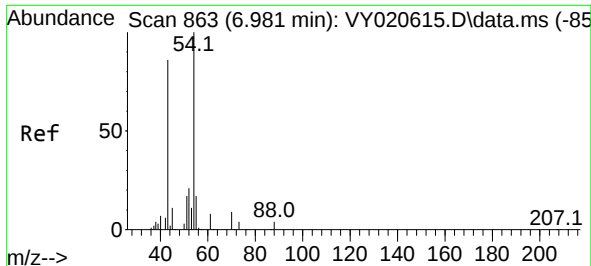
Tgt Ion:113 Resp: 82508
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 20.0 15.7 23.5



#36
1,1-Dichloropropene
Concen: 49.418 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion: 75 Resp: 166171
Ion Ratio Lower Upper
75 100
110 33.6 16.8 50.4
77 30.5 25.0 37.6

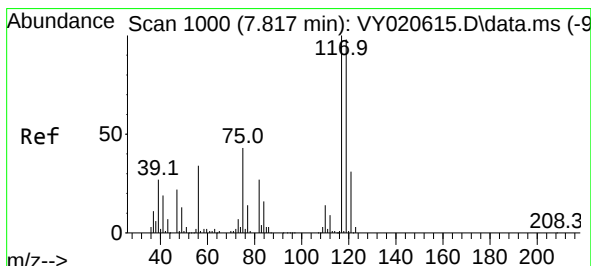
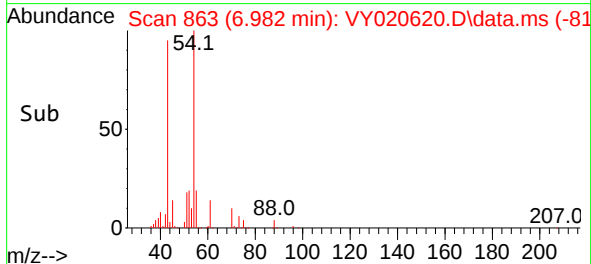
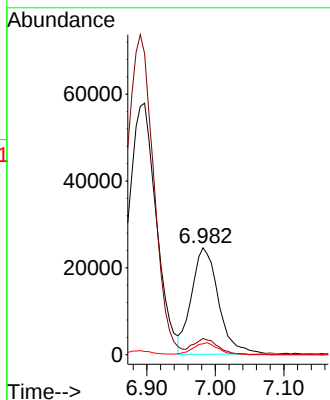
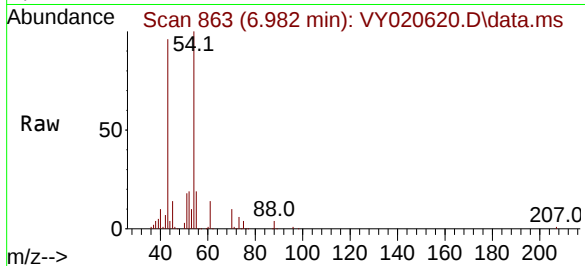




#37
Ethyl Acetate
Concen: 42.490 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

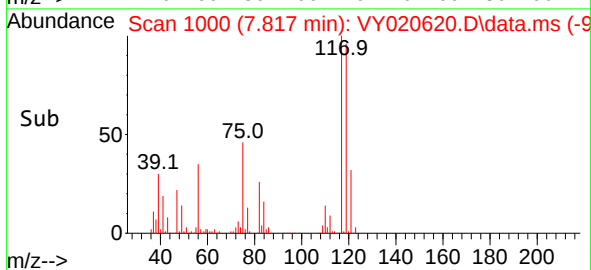
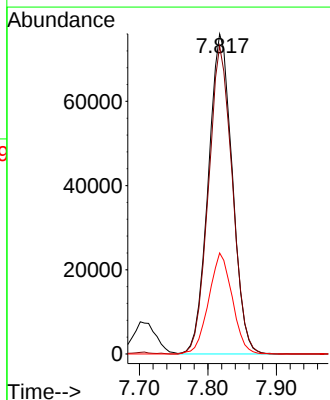
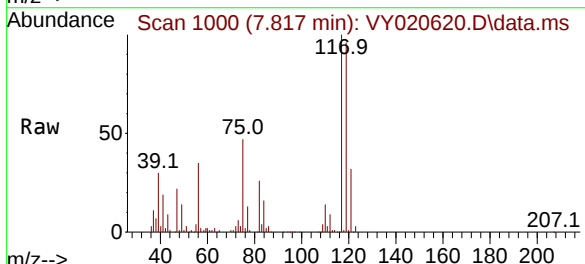
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121724

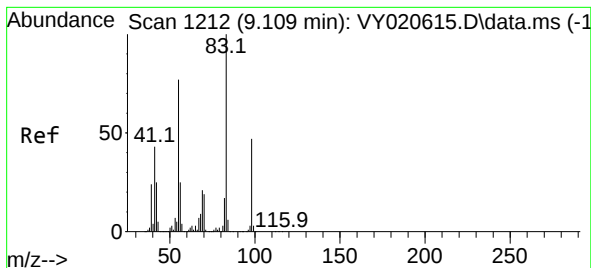
Tgt Ion: 43 Resp: 67205
Ion Ratio Lower Upper
43 100
61 13.1 11.0 16.4
70 10.4 7.9 11.9



#38
Carbon Tetrachloride
Concen: 49.800 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion: 117 Resp: 185268
Ion Ratio Lower Upper
117 100
119 96.3 78.3 117.5
121 31.5 25.1 37.7





#39

Methylcyclohexane

Concen: 48.913 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121724

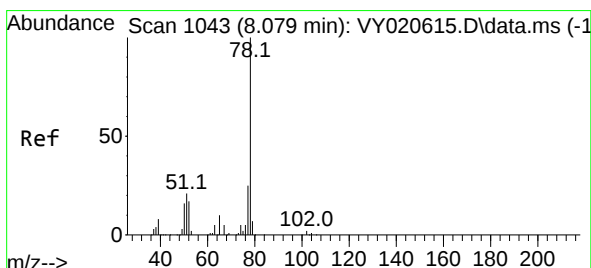
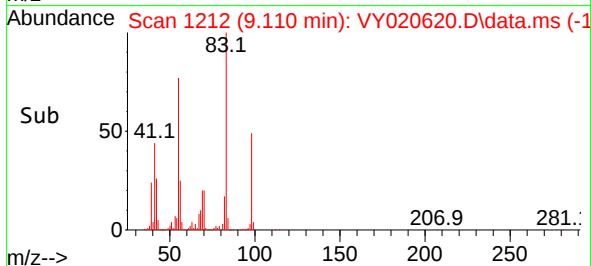
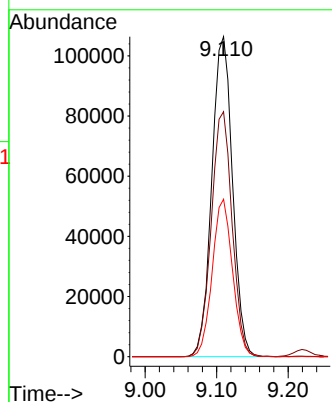
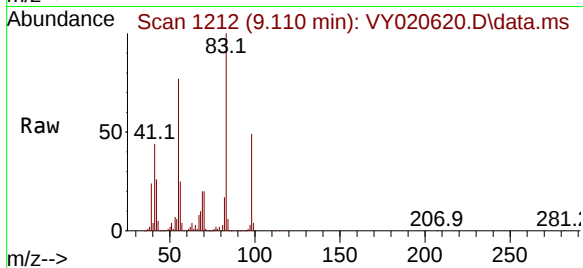
Tgt Ion: 83 Resp: 214365

Ion Ratio Lower Upper

83 100

55 76.6 61.4 92.0

98 49.2 37.3 55.9



#40

Benzene

Concen: 49.357 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY020620.D

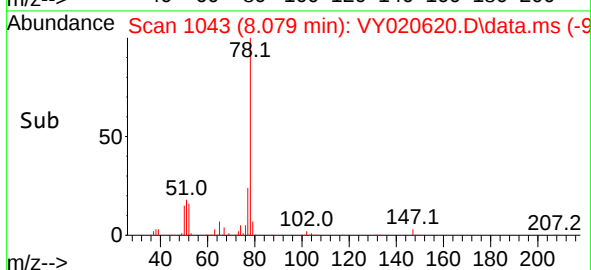
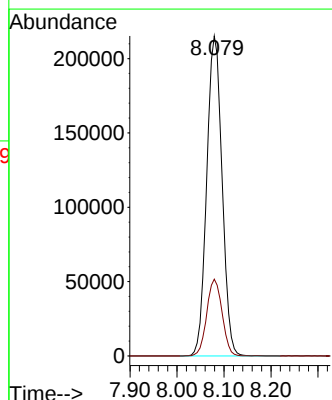
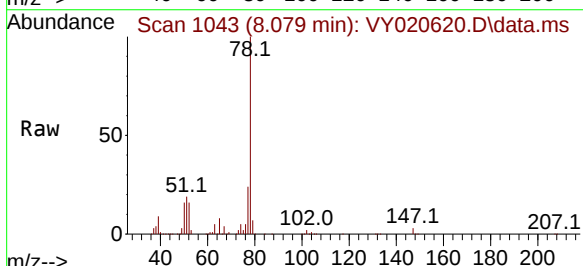
Acq: 17 Dec 2024 17:41

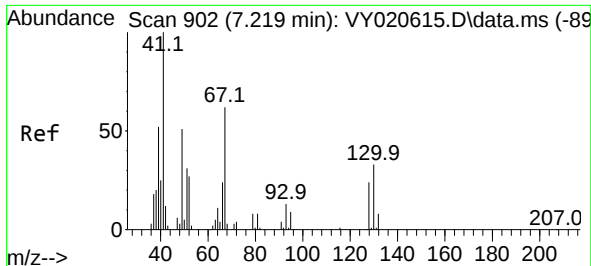
Tgt Ion: 78 Resp: 486468

Ion Ratio Lower Upper

78 100

77 24.0 20.1 30.1

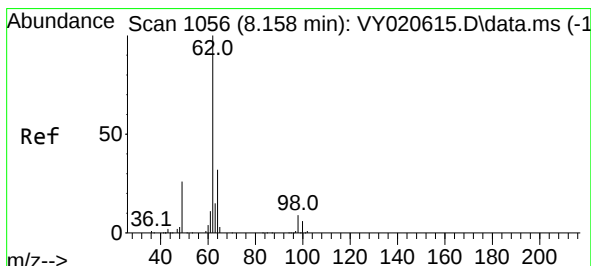
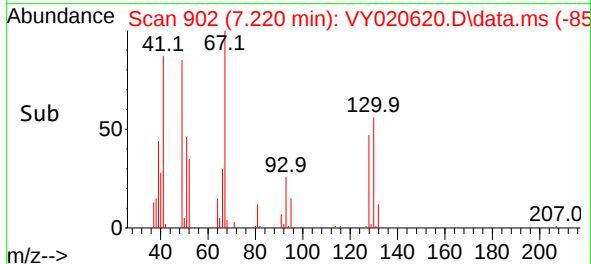
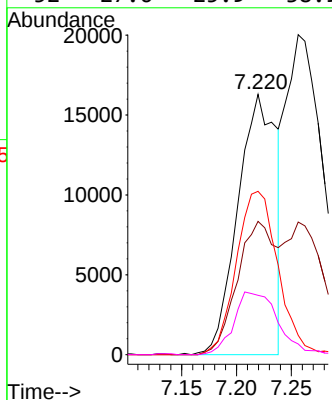
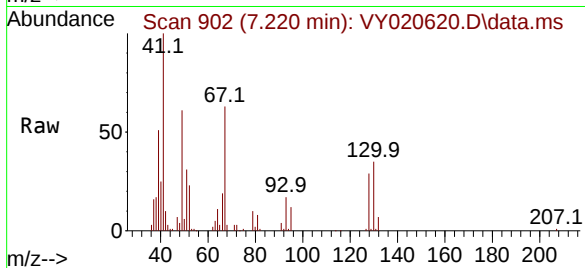




#41
Methacrylonitrile
Concen: 47.631 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

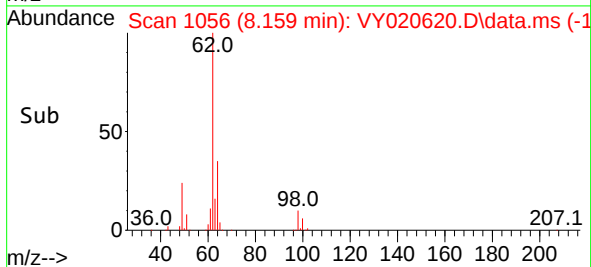
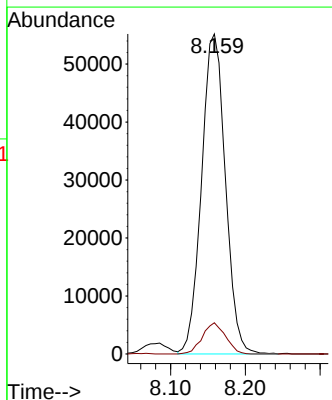
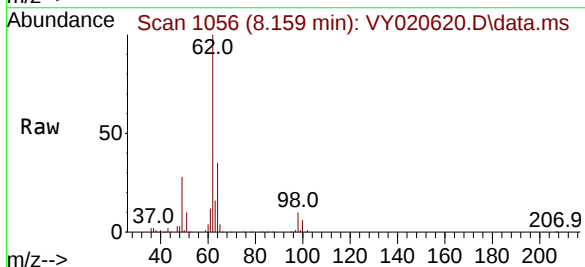
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121724

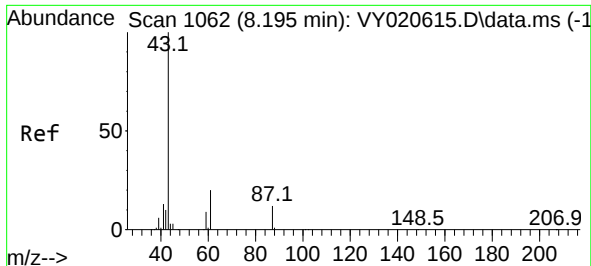
Tgt Ion:	41	Resp:	39828
Ion	Ratio	Lower	Upper
41	100		
39	51.2	53.6	80.4#
67	68.3	62.0	93.0
52	27.6	25.9	38.9



#42
1,2-Dichloroethane
Concen: 46.869 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion:	62	Resp:	122520
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0

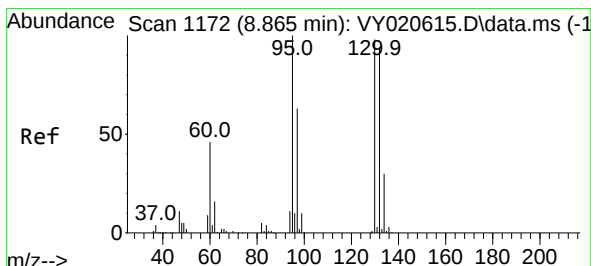
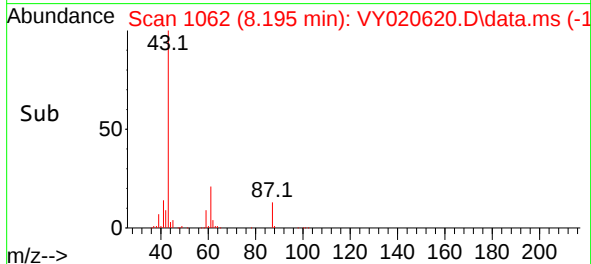
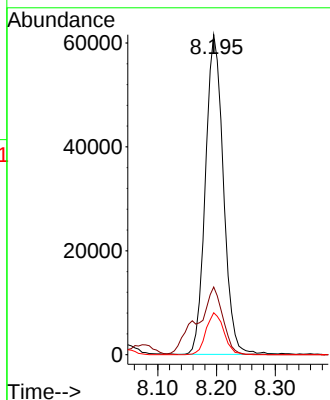
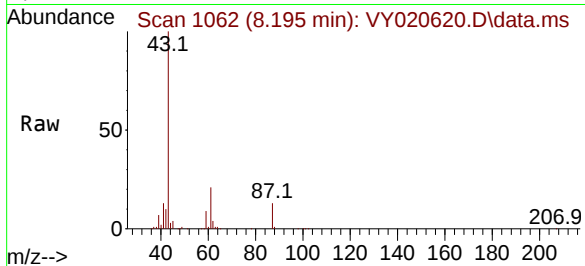




#43
Isopropyl Acetate
Concen: 43.528 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

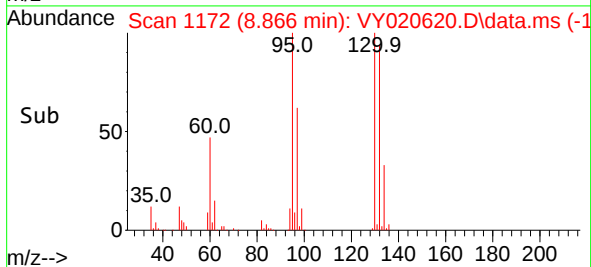
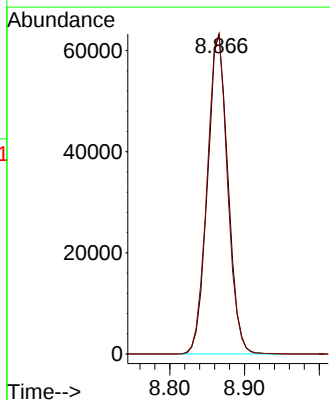
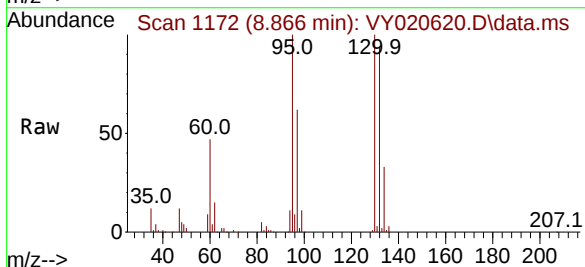
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121724

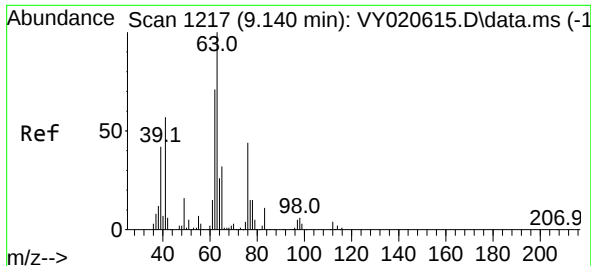
Tgt Ion: 43 Resp: 130339
Ion Ratio Lower Upper
43 100
61 20.2 23.8 35.6#
87 13.1 10.2 15.4



#44
Trichloroethene
Concen: 49.555 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion:130 Resp: 120014
Ion Ratio Lower Upper
130 100
95 100.1 0.0 203.2





#45

1,2-Dichloropropane

Concen: 48.695 ug/l

RT: 9.140 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

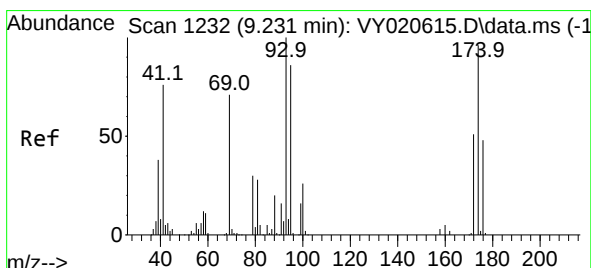
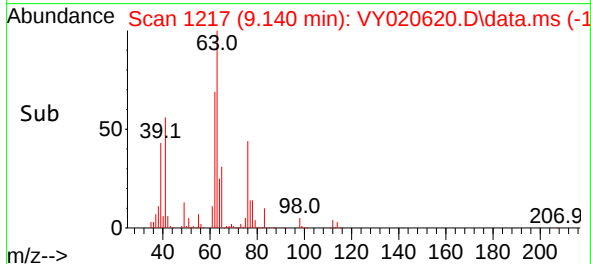
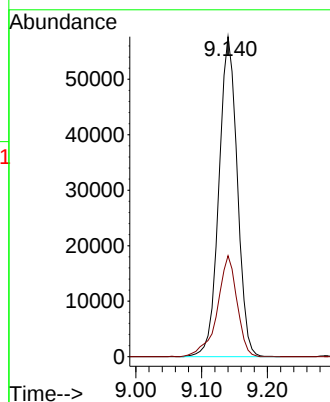
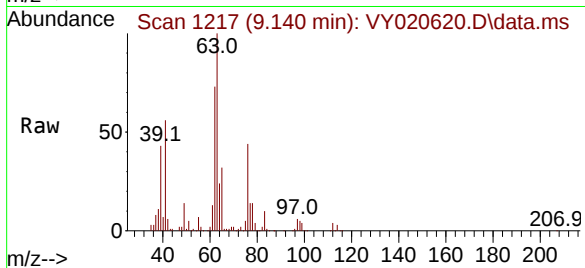
ICVVY121724

Tgt Ion: 63 Resp: 112171

Ion Ratio Lower Upper

63 100

65 31.5 25.9 38.9



#46

Dibromomethane

Concen: 46.265 ug/l

RT: 9.232 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

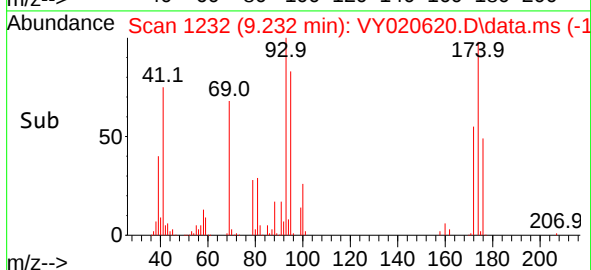
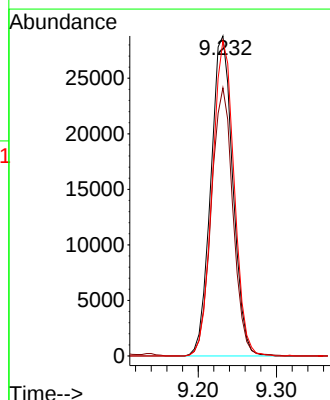
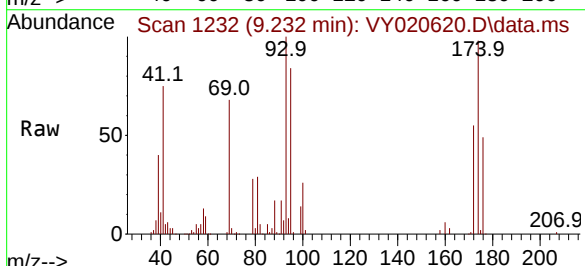
Tgt Ion: 93 Resp: 56323

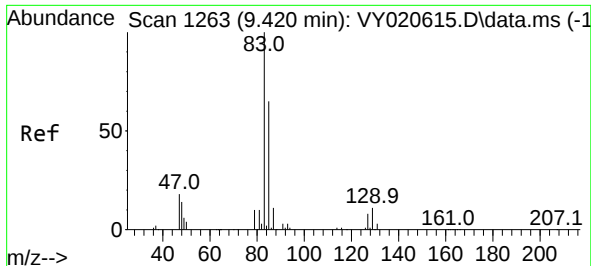
Ion Ratio Lower Upper

93 100

95 82.4 66.7 100.1

174 97.6 77.8 116.6

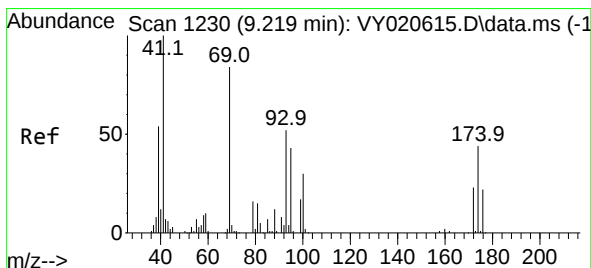
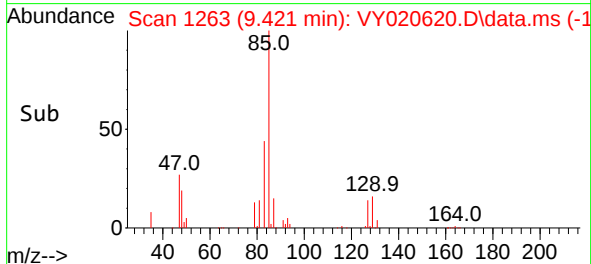
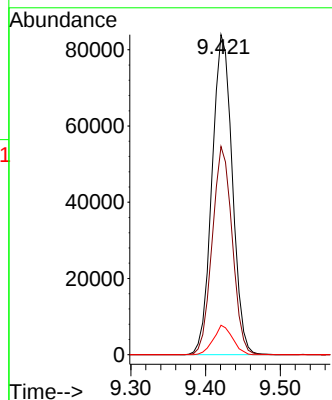
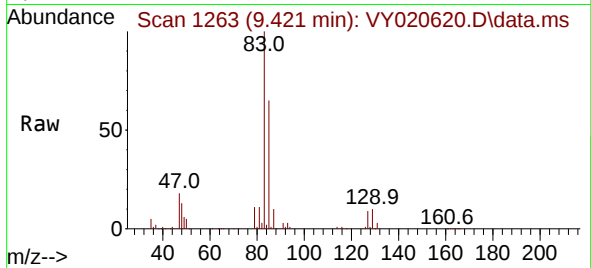




#47
Bromodichloromethane
Concen: 48.208 ug/l
RT: 9.421 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

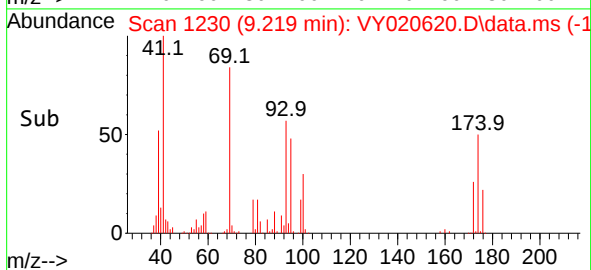
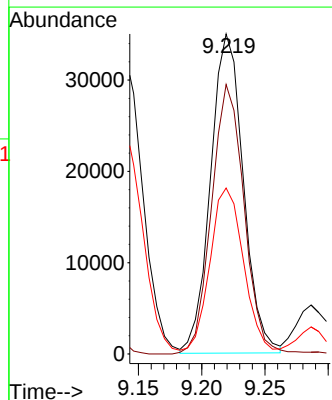
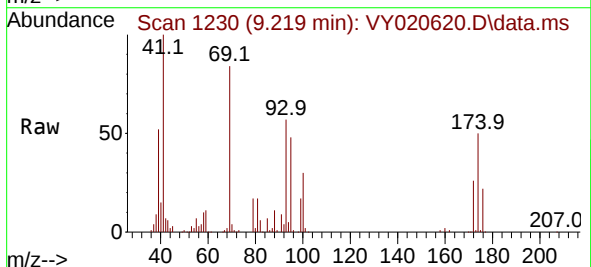
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121724

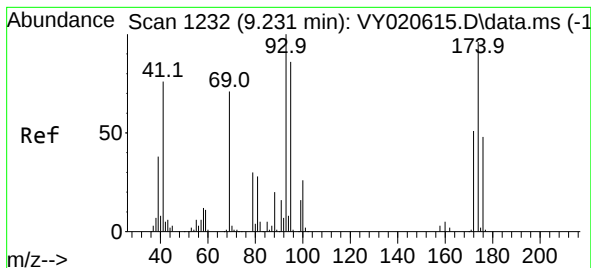
Tgt Ion: 83 Resp: 158529
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1
127 9.2 6.7 10.1



#48
Methyl methacrylate
Concen: 44.268 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion: 41 Resp: 63016
Ion Ratio Lower Upper
41 100
69 84.2 67.2 100.8
39 51.5 42.2 63.4





#49

1,4-Dioxane

Concen: 816.119 ug/l

RT: 9.232 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121724

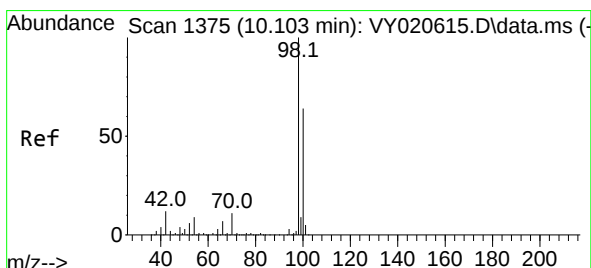
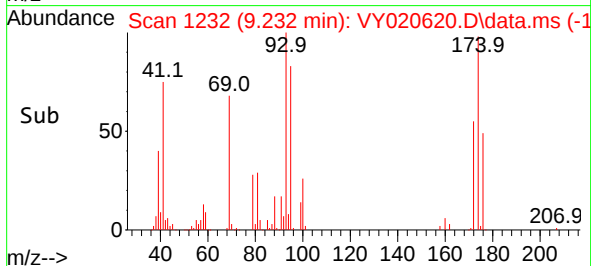
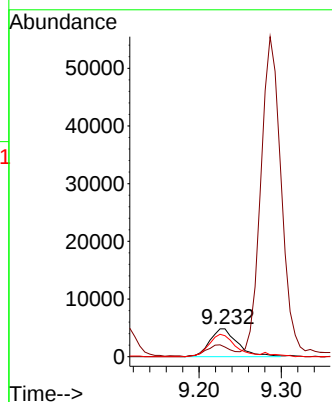
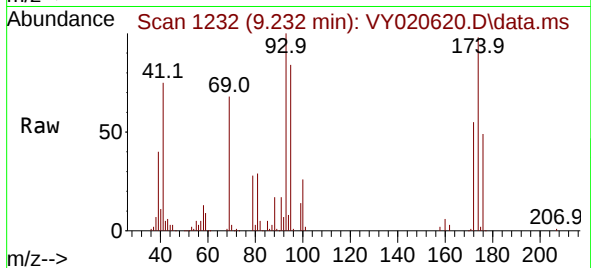
Tgt Ion: 88 Resp: 11394

Ion Ratio Lower Upper

88 100

43 38.7 27.6 41.4

58 75.9 61.7 92.5



#50

Toluene-d8

Concen: 46.169 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020620.D

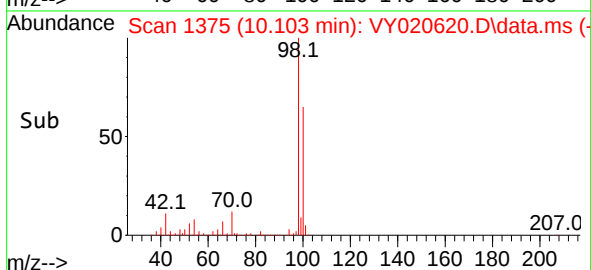
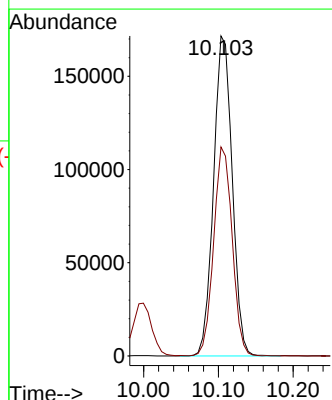
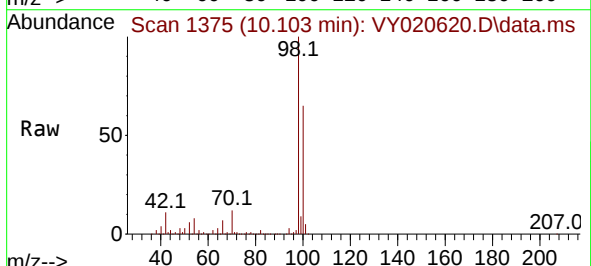
Acq: 17 Dec 2024 17:41

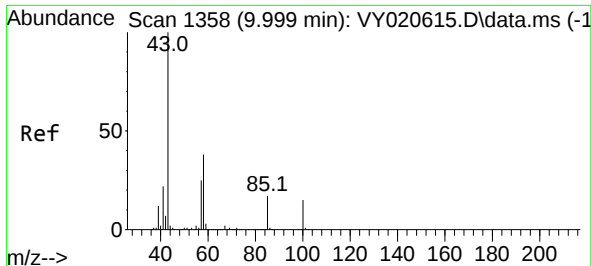
Tgt Ion: 98 Resp: 297999

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 209.670 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

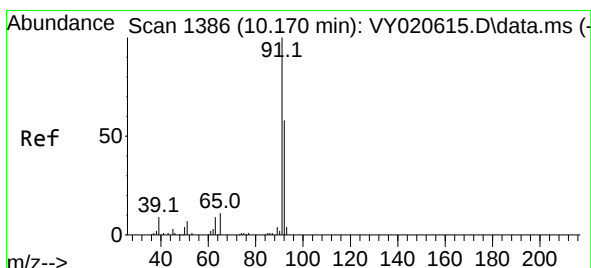
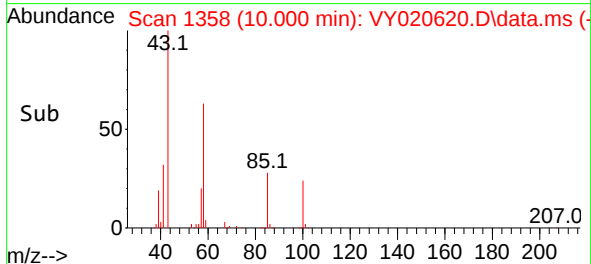
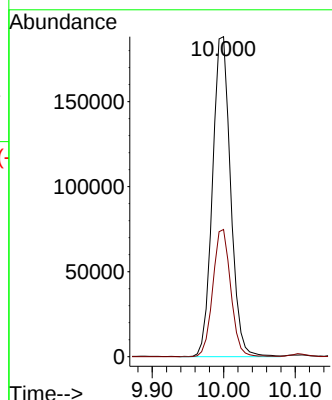
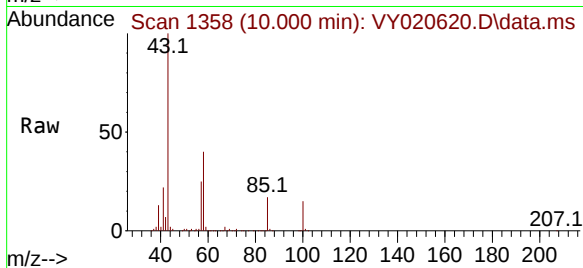
ICVVY121724

Tgt Ion: 43 Resp: 331396

Ion Ratio Lower Upper

43 100

58 39.3 31.4 47.2



#52

Toluene

Concen: 49.073 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020620.D

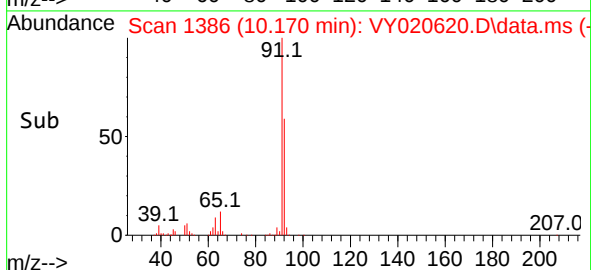
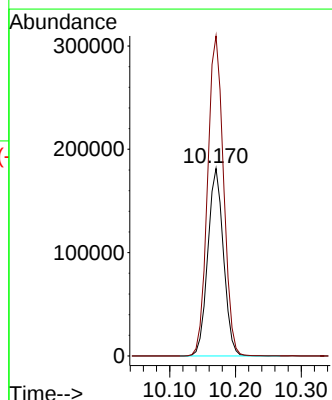
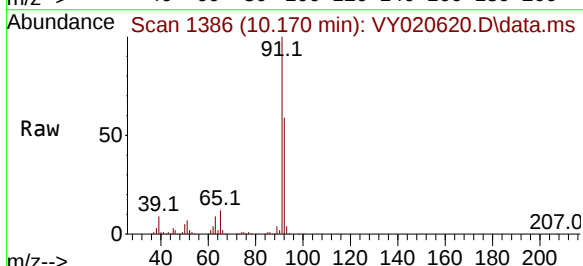
Acq: 17 Dec 2024 17:41

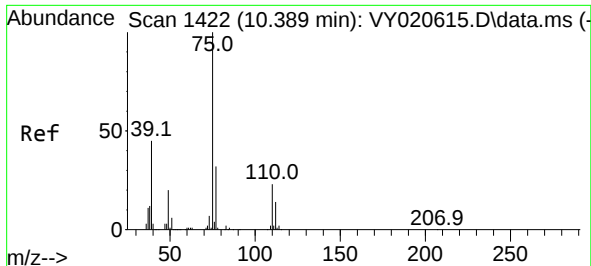
Tgt Ion: 92 Resp: 300584

Ion Ratio Lower Upper

92 100

91 173.8 137.4 206.0

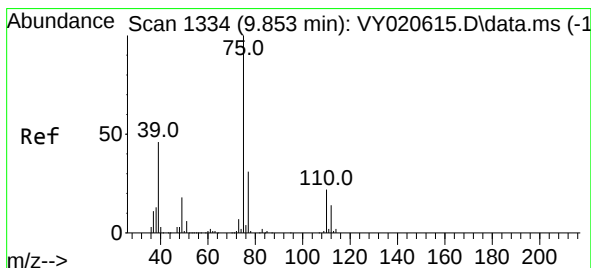
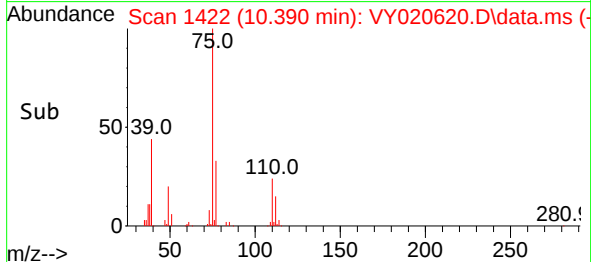
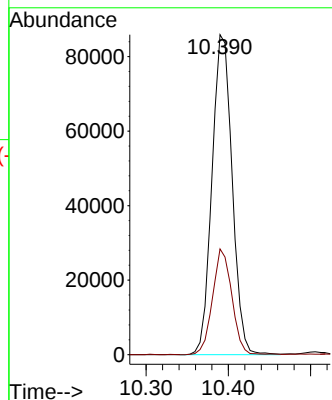
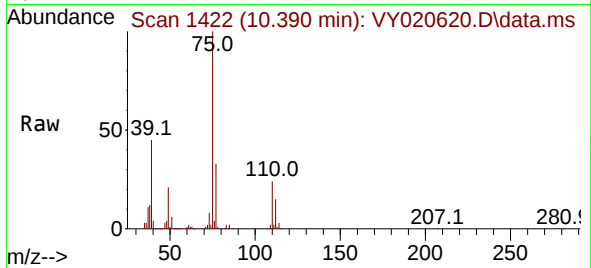




#53
t-1,3-Dichloropropene
Concen: 47.810 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

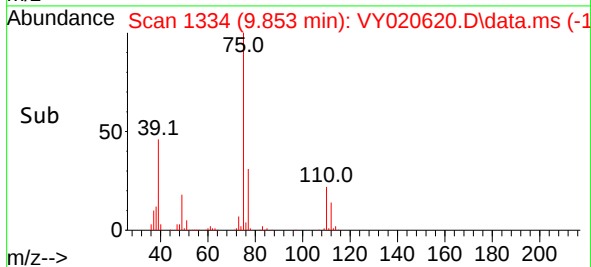
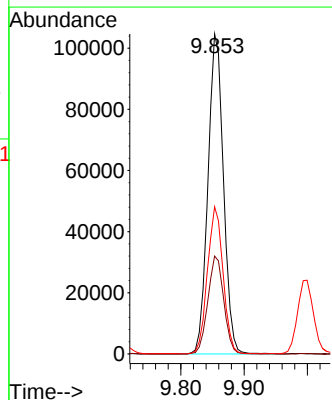
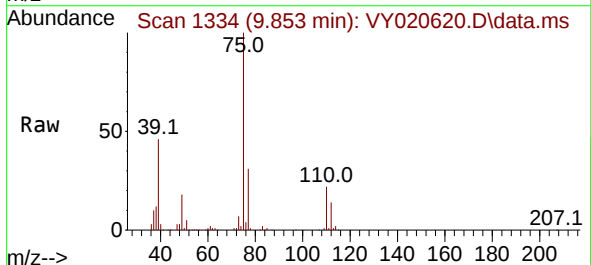
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121724

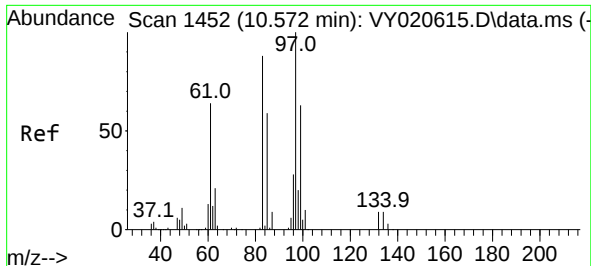
Tgt Ion: 75 Resp: 146498
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 49.184 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion: 75 Resp: 178584
Ion Ratio Lower Upper
75 100
77 30.6 24.6 36.8
39 45.9 36.4 54.6

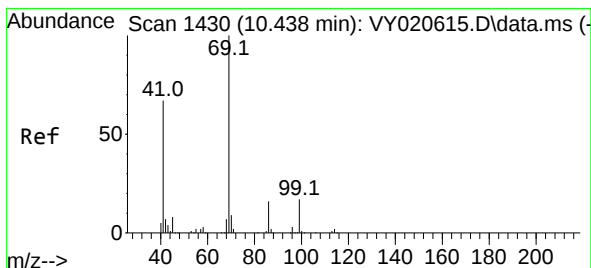
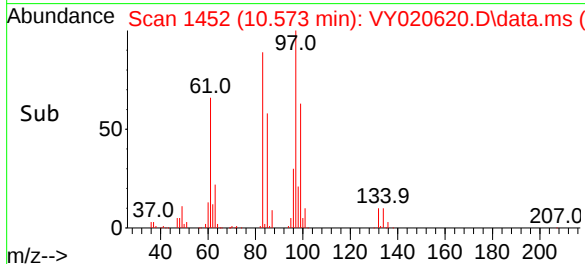
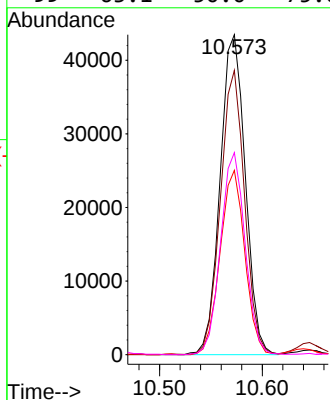
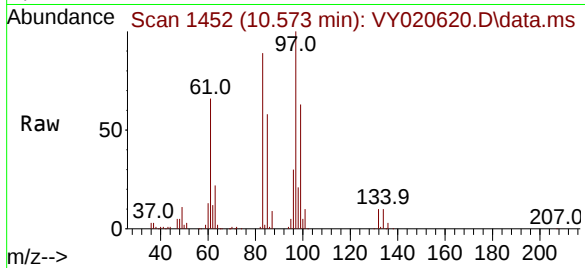




#55
1,1,2-Trichloroethane
Concen: 45.952 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

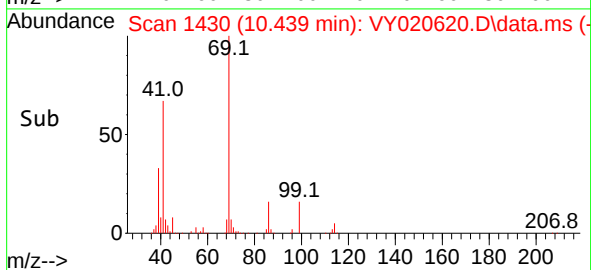
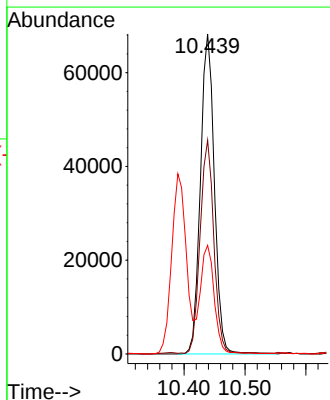
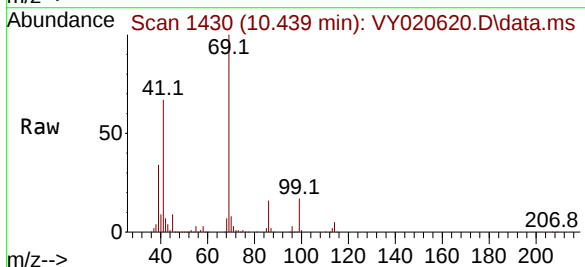
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121724

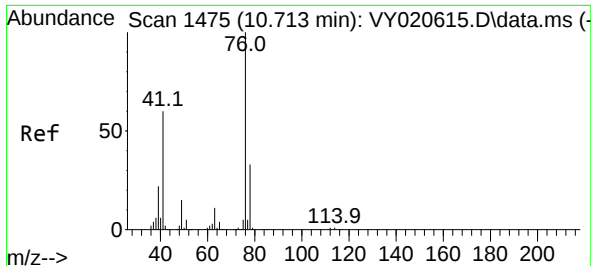
Tgt Ion: 97	Resp: 73962
Ion Ratio	Lower Upper
97 100	
83 88.7	70.4 105.6
85 57.6	47.2 70.8
99 63.1	50.0 75.0



#56
Ethyl methacrylate
Concen: 46.525 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion: 69	Resp: 108638
Ion Ratio	Lower Upper
69 100	
41 65.7	54.0 81.0
39 34.3	27.9 41.9





#57

1,3-Dichloropropane

Concen: 46.882 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

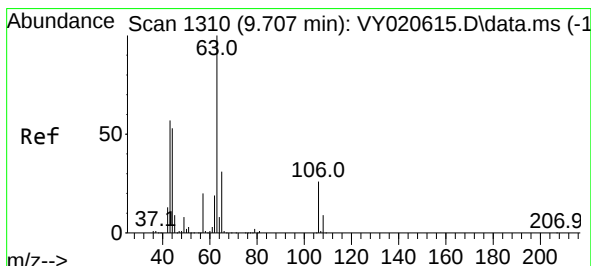
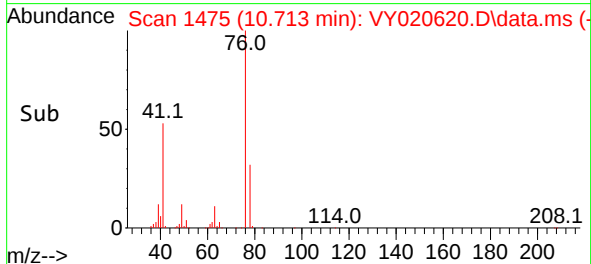
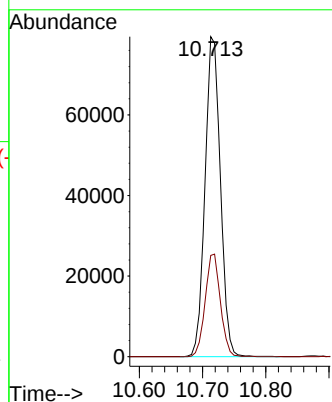
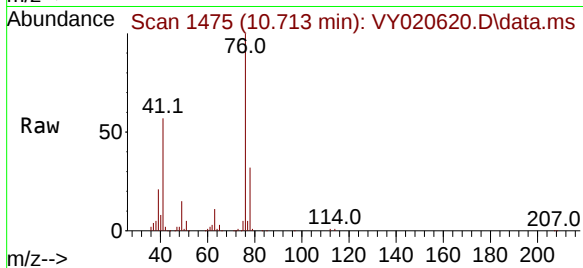
ICVVY121724

Tgt Ion: 76 Resp: 134515

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 243.610 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY020620.D

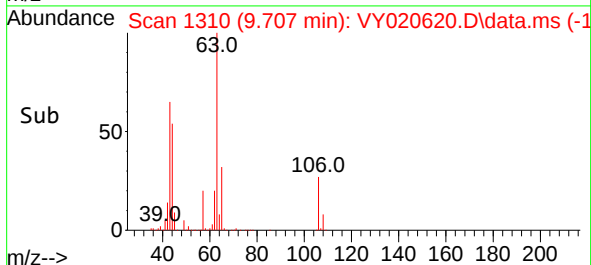
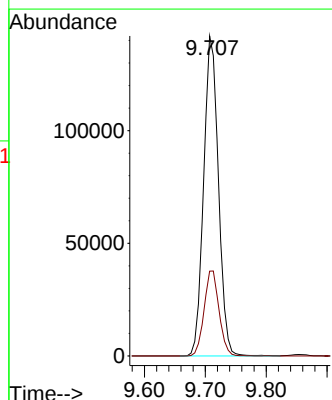
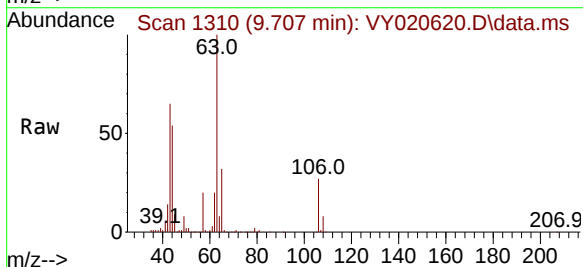
Acq: 17 Dec 2024 17:41

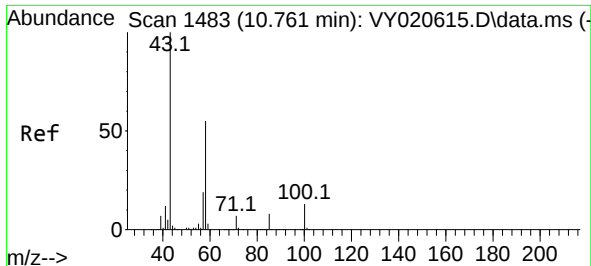
Tgt Ion: 63 Resp: 239347

Ion Ratio Lower Upper

63 100

106 26.9 21.5 32.3

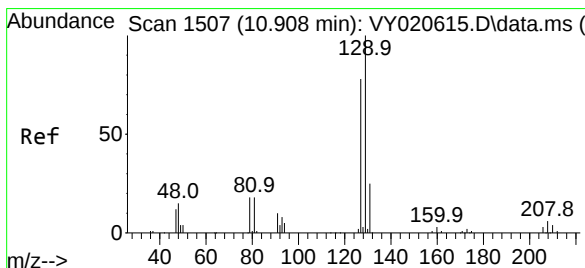
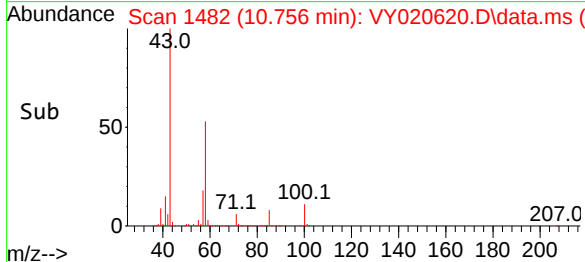
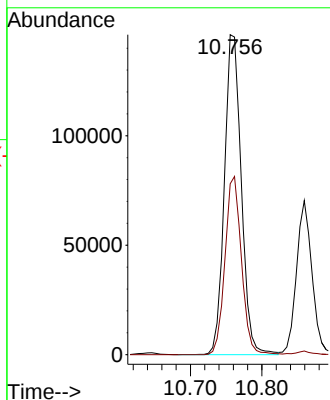
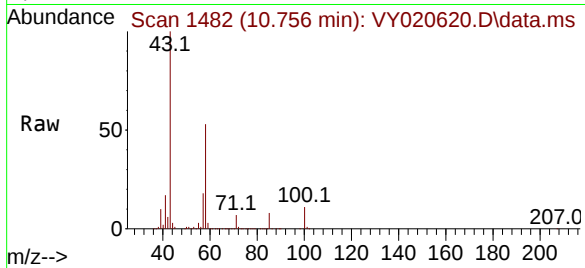




#59
2-Hexanone
Concen: 236.822 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

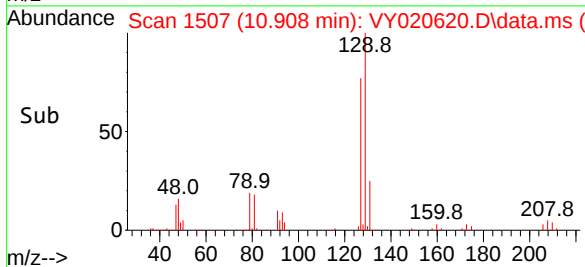
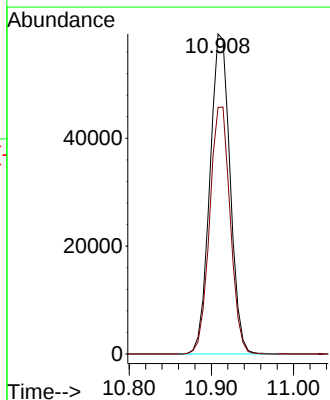
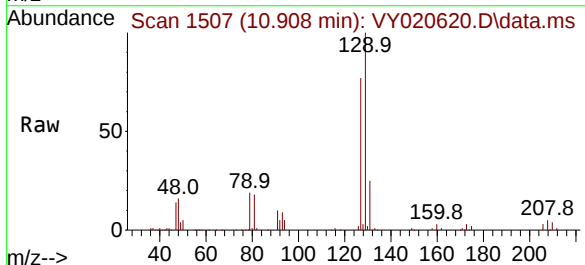
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121724

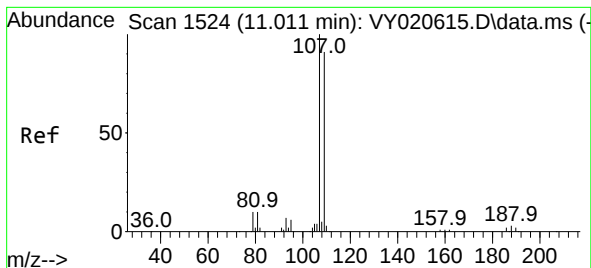
Tgt Ion: 43 Resp: 240324
Ion Ratio Lower Upper
43 100
58 54.2 27.2 81.6



#60
Dibromochloromethane
Concen: 47.121 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion:129 Resp: 101431
Ion Ratio Lower Upper
129 100
127 78.4 38.1 114.3

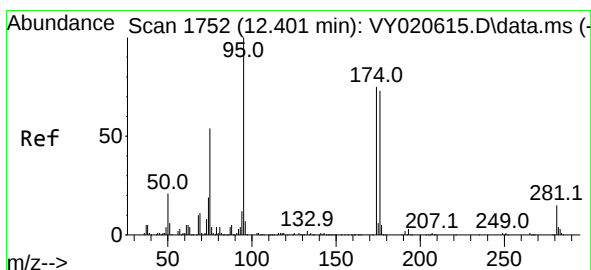
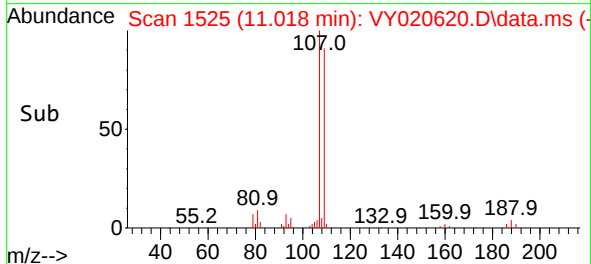
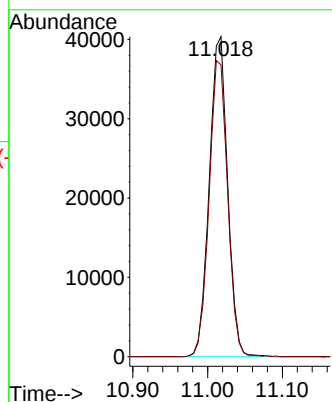
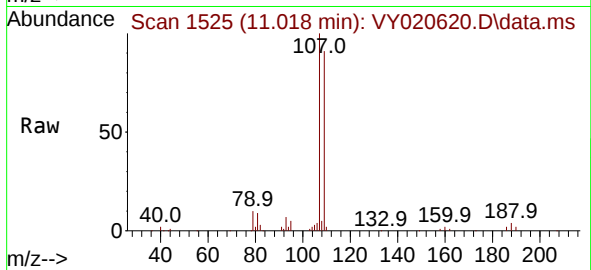




#61
1,2-Dibromoethane
Concen: 45.952 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

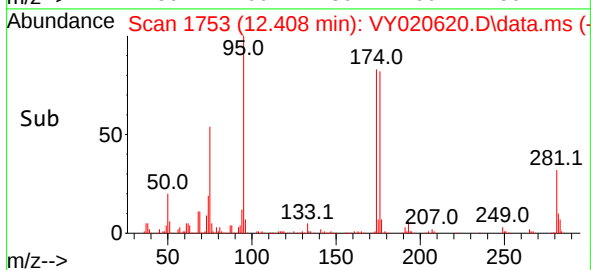
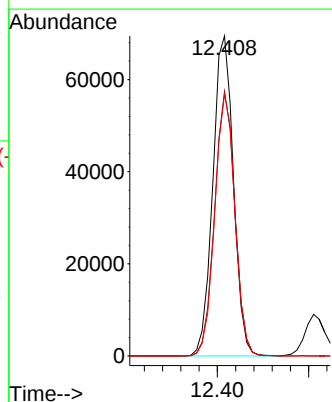
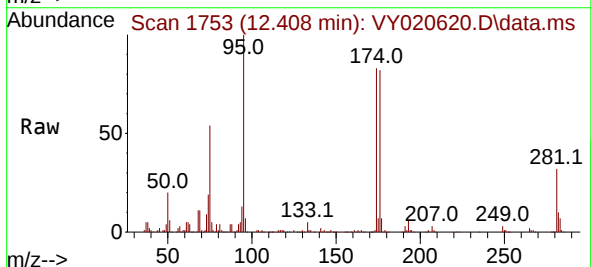
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121724

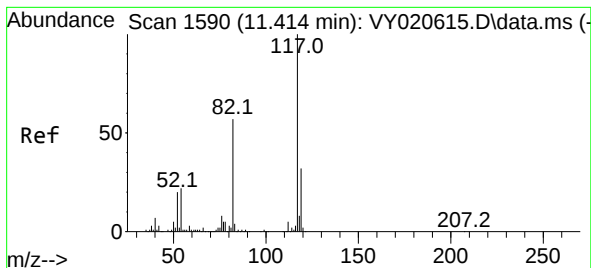
Tgt Ion:107 Resp: 68798
Ion Ratio Lower Upper
107 100
109 93.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 42.982 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.007 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion: 95 Resp: 108522
Ion Ratio Lower Upper
95 100
174 81.1 0.0 161.8
176 80.1 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121724

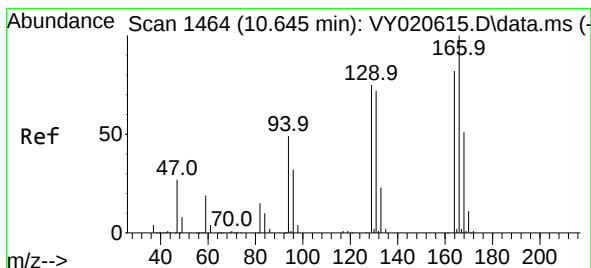
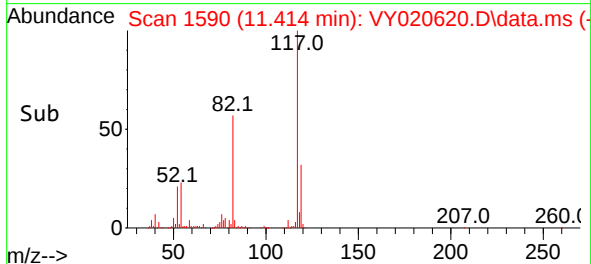
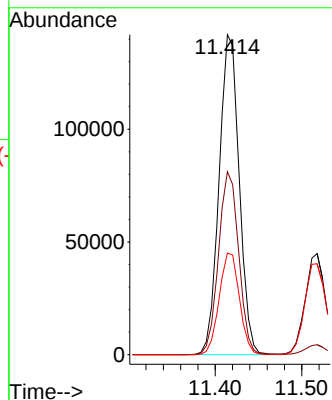
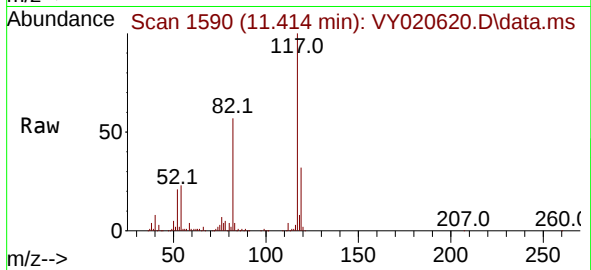
Tgt Ion:117 Resp: 229207

Ion Ratio Lower Upper

117 100

82 57.2 45.8 68.6

119 31.7 25.3 37.9



#64

Tetrachloroethene

Concen: 49.626 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Tgt Ion:164 Resp: 106990

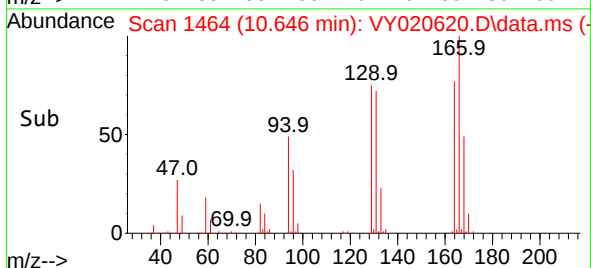
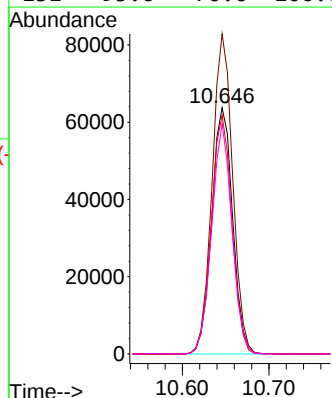
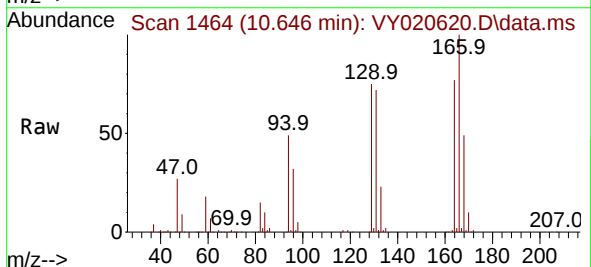
Ion Ratio Lower Upper

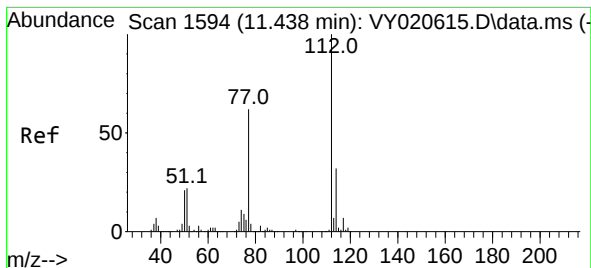
164 100

166 130.0 97.9 146.9

129 96.9 73.4 110.0

131 93.6 70.6 106.0

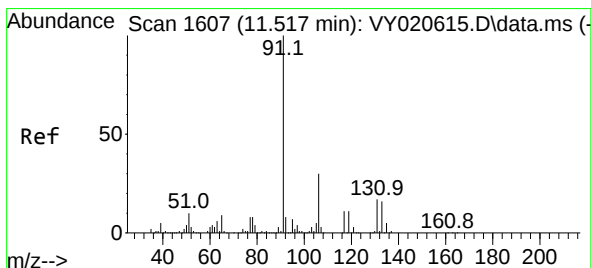
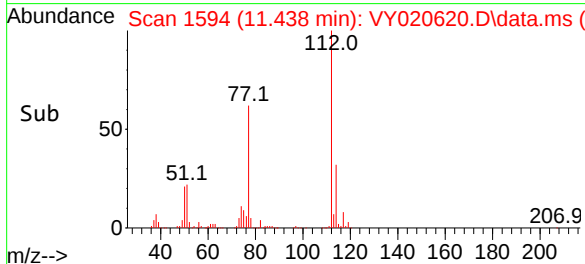
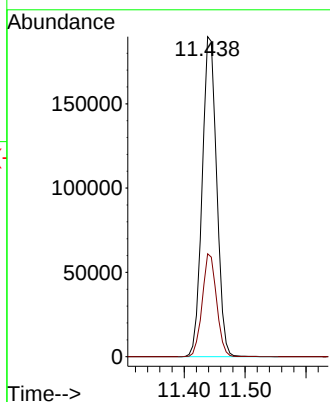
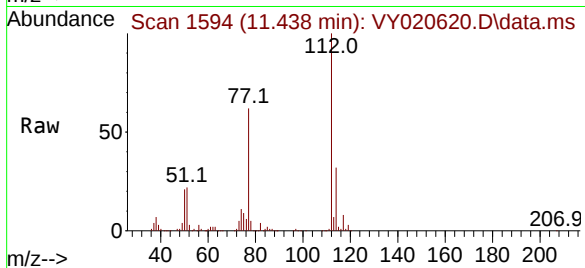




#65
Chlorobenzene
Concen: 48.986 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

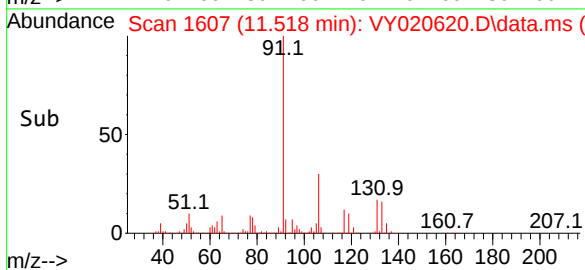
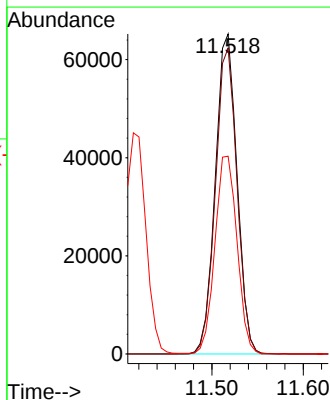
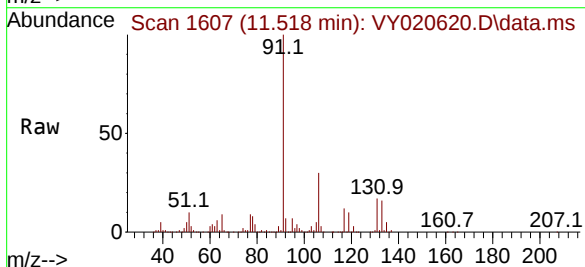
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121724

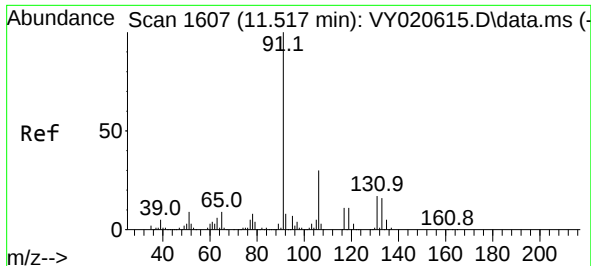
Tgt Ion:112 Resp: 313945
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.083 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion:131 Resp: 107564
Ion Ratio Lower Upper
131 100
133 95.2 46.8 140.3
119 63.1 31.8 95.3





#67

Ethyl Benzene

Concen: 49.815 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

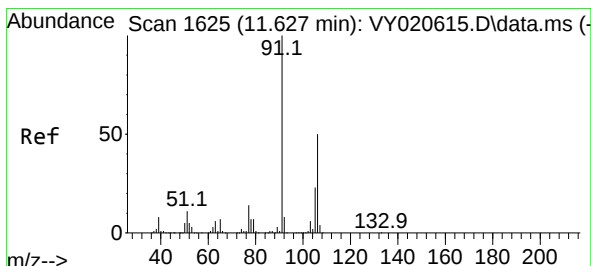
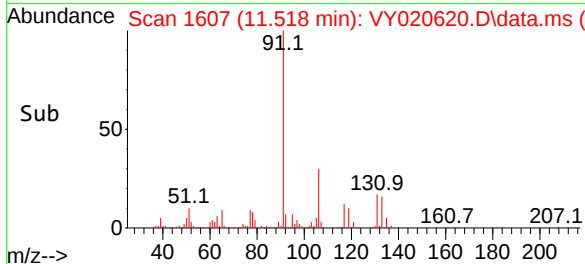
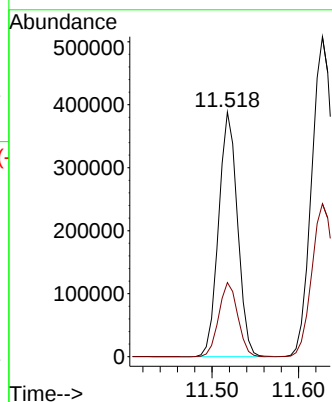
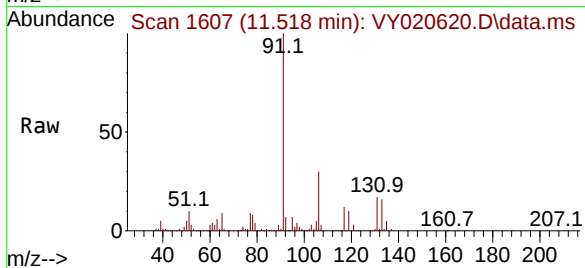
ICVY121724

Tgt Ion: 91 Resp: 588990

Ion Ratio Lower Upper

91 100

106 30.3 23.9 35.9



#68

m/p-Xylenes

Concen: 99.430 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY020620.D

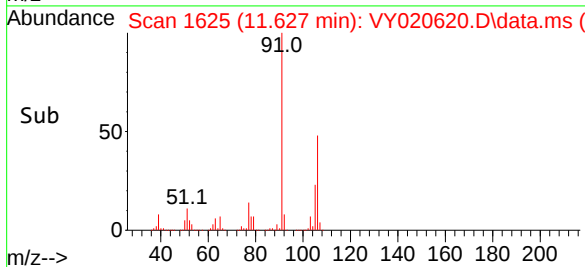
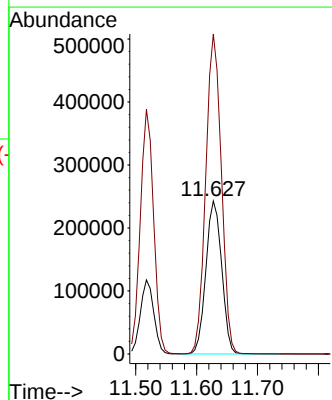
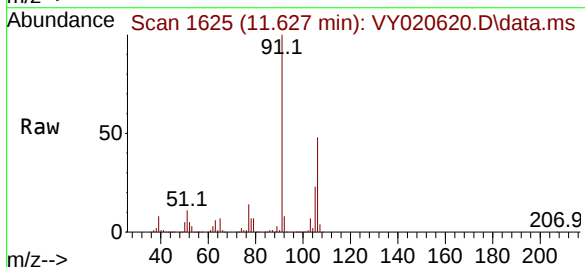
Acq: 17 Dec 2024 17:41

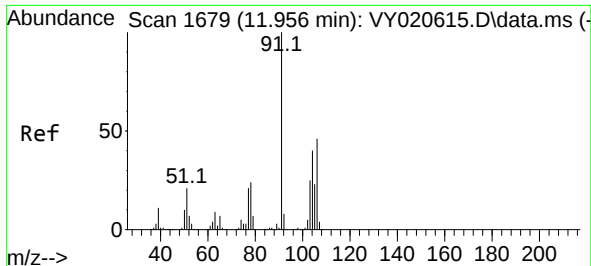
Tgt Ion:106 Resp: 437108

Ion Ratio Lower Upper

106 100

91 206.6 165.0 247.4

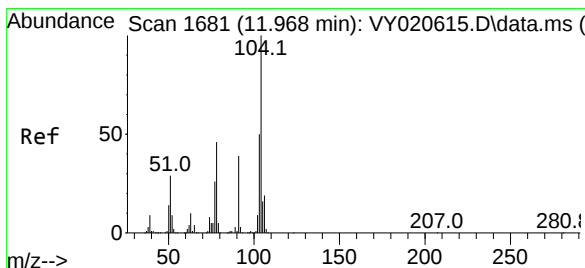
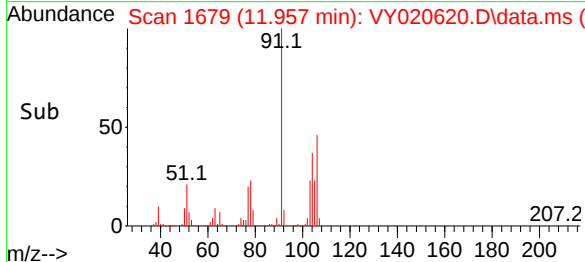
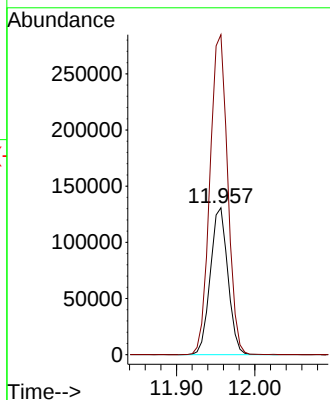
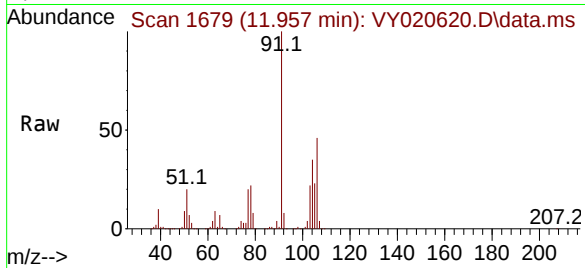




#69
o-Xylene
Concen: 49.568 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

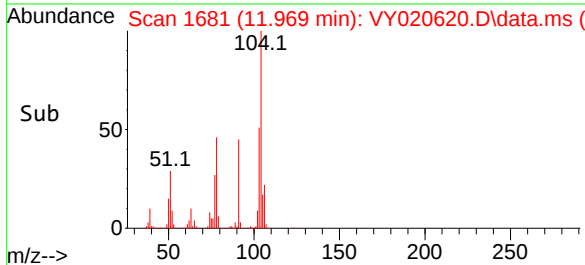
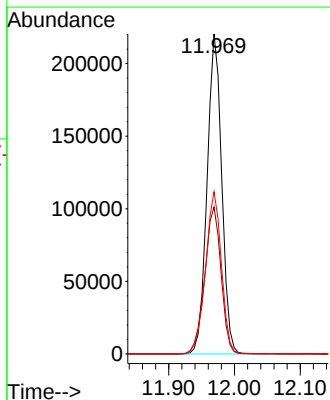
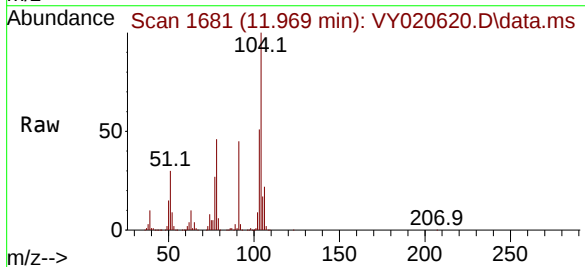
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121724

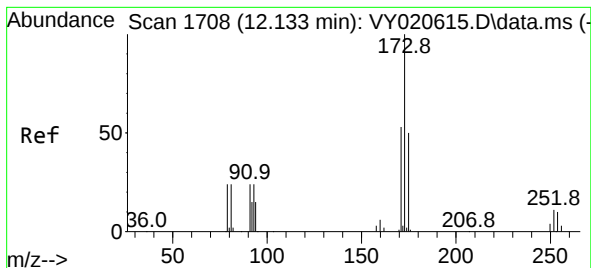
Tgt Ion:106 Resp: 203316
Ion Ratio Lower Upper
106 100
91 220.3 108.4 325.2



#70
Styrene
Concen: 49.827 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion:104 Resp: 341470
Ion Ratio Lower Upper
104 100
78 51.2 41.6 62.4
103 55.0 43.7 65.5





#71

Bromoform

Concen: 45.451 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121724

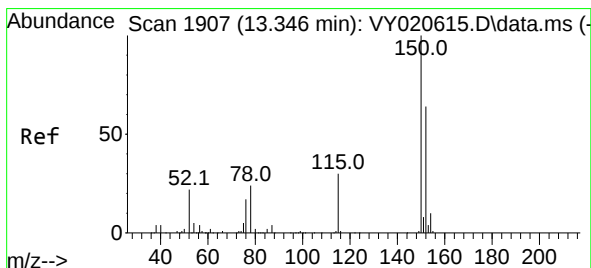
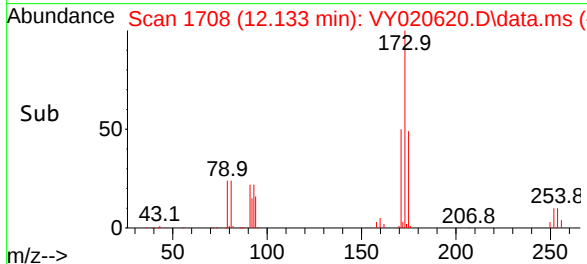
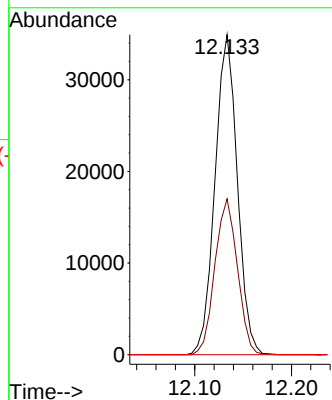
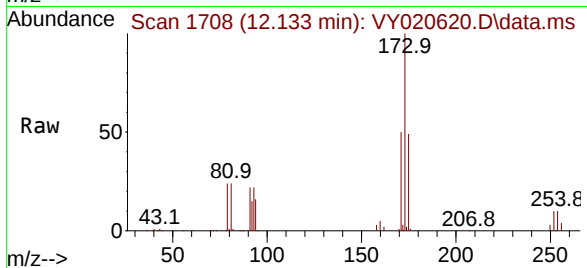
Tgt Ion:173 Resp: 56002

Ion Ratio Lower Upper

173 100

175 49.0 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

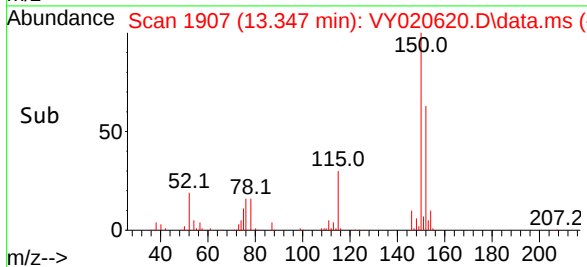
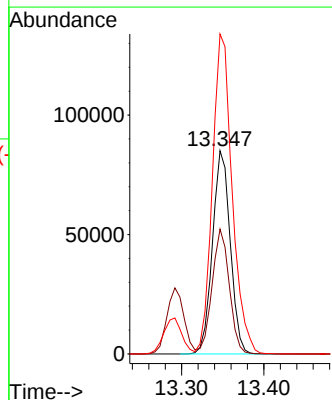
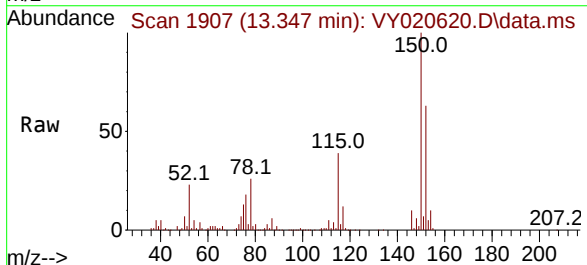
Tgt Ion:152 Resp: 127757

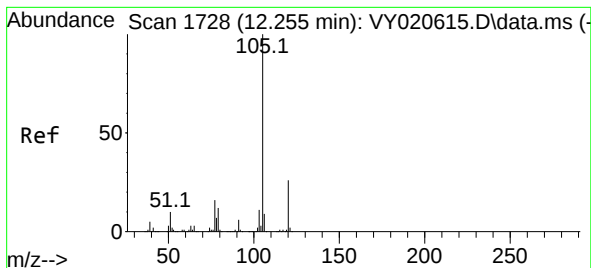
Ion Ratio Lower Upper

152 100

115 59.6 30.2 90.6

150 175.1 0.0 355.4





#73

Isopropylbenzene

Concen: 49.908 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

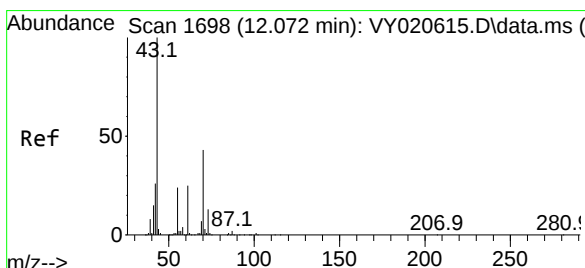
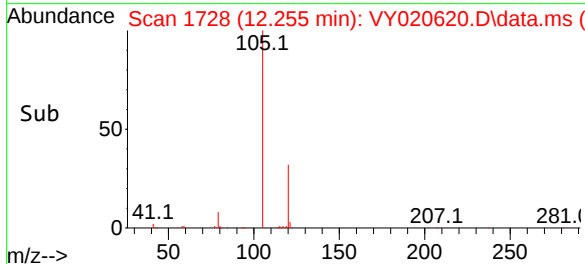
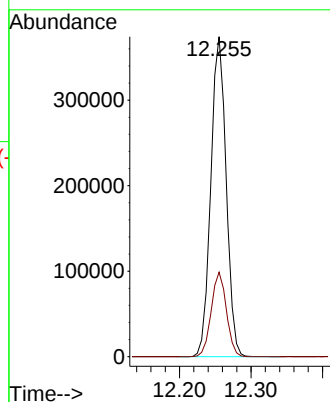
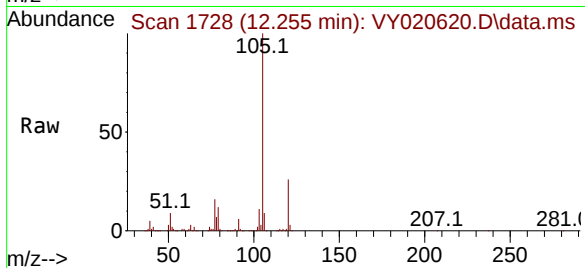
ICVVY121724

Tgt Ion:105 Resp: 556414

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 45.328 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Tgt Ion: 43 Resp: 118269

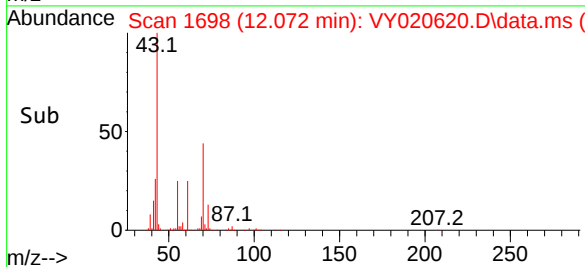
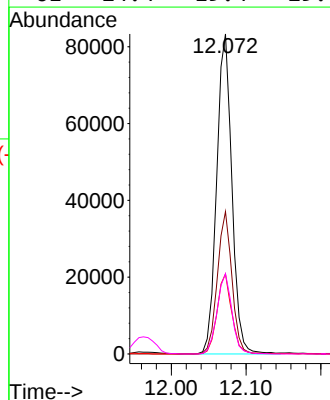
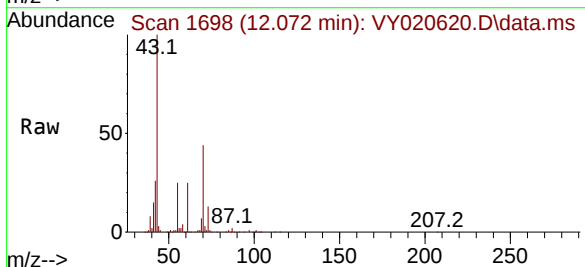
Ion Ratio Lower Upper

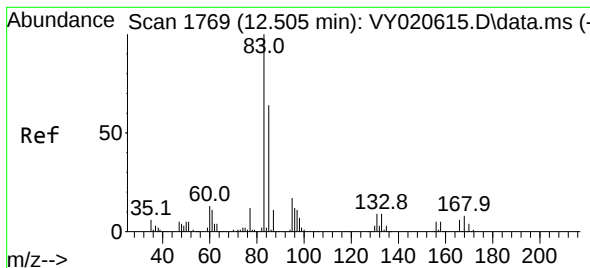
43 100

70 42.7 34.2 51.2

55 24.2 19.6 29.4

61 24.4 19.4 29.0

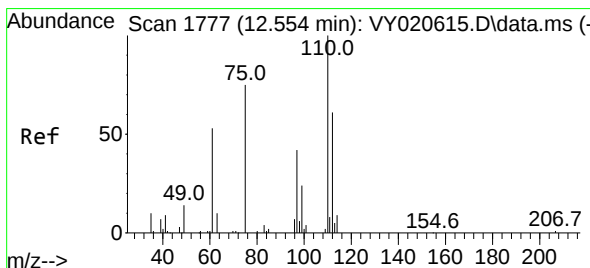
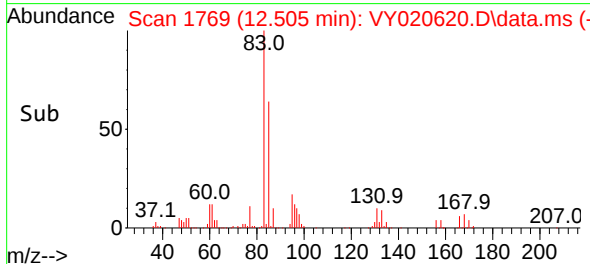
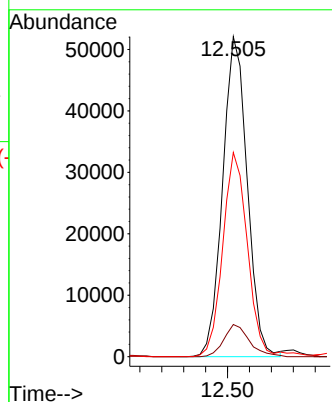
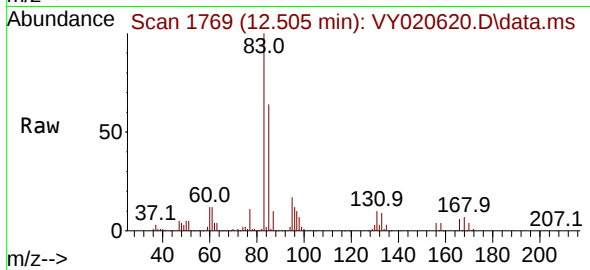




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.824 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY020620.D
 Acq: 17 Dec 2024 17:41

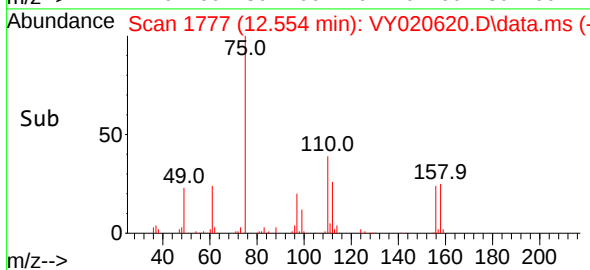
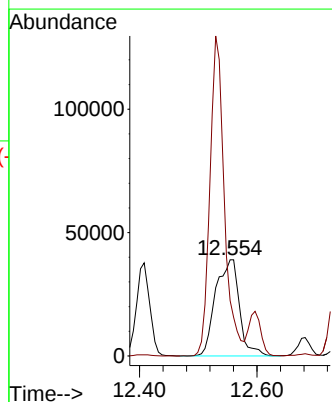
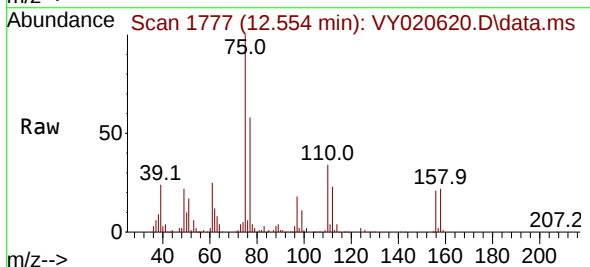
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY121724

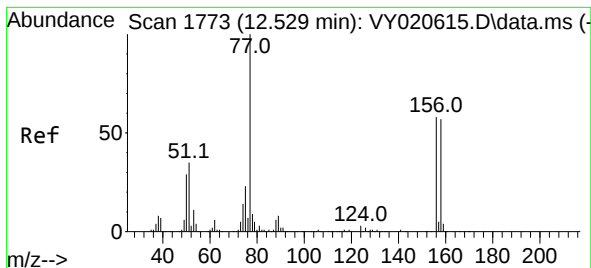
Tgt Ion: 83 Resp: 81117
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.2 15.6
 85 64.7 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 82.838 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY020620.D
 Acq: 17 Dec 2024 17:41

Tgt Ion: 75 Resp: 109938
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.267 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.007 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121724

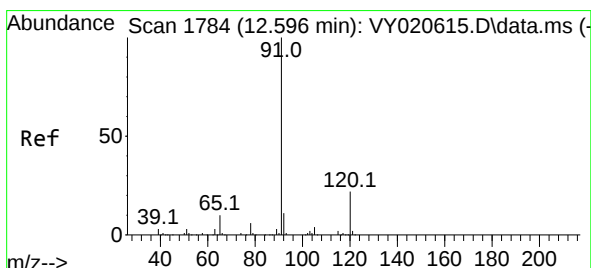
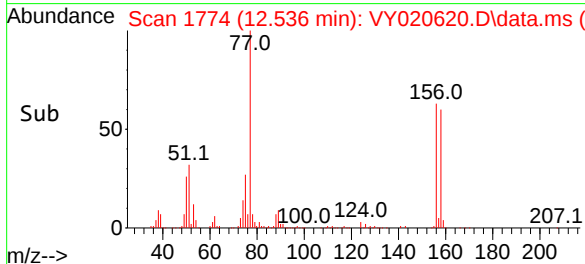
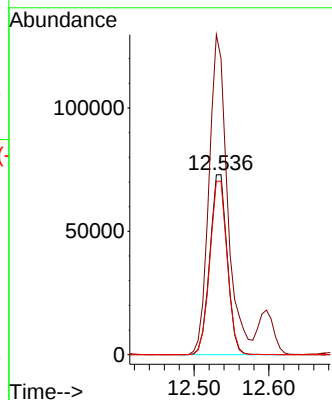
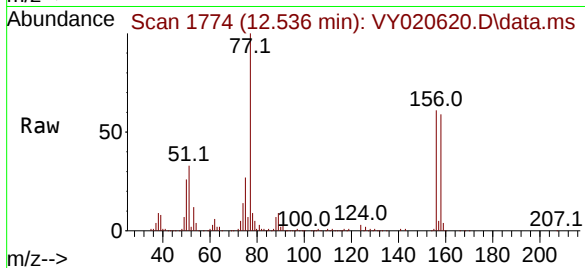
Tgt Ion:156 Resp: 117217

Ion Ratio Lower Upper

156 100

77 190.2 94.2 282.4

158 96.8 48.9 146.6



#78

n-propylbenzene

Concen: 49.775 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020620.D

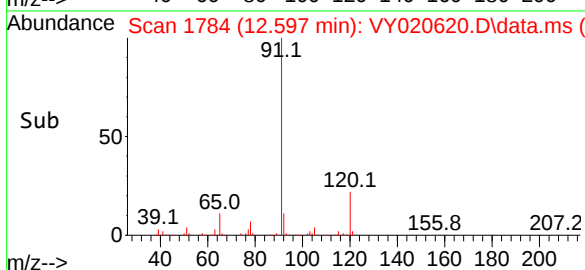
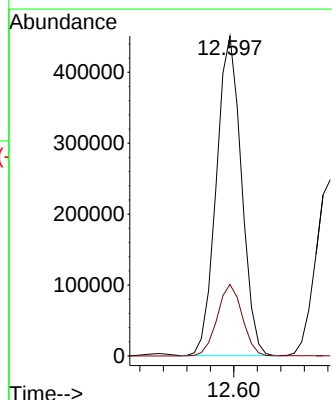
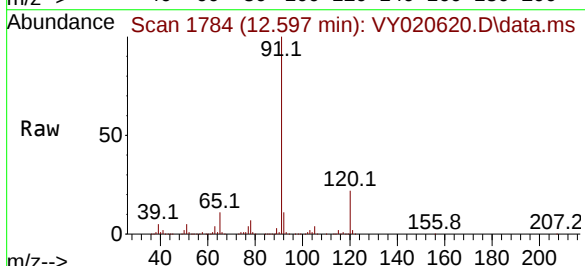
Acq: 17 Dec 2024 17:41

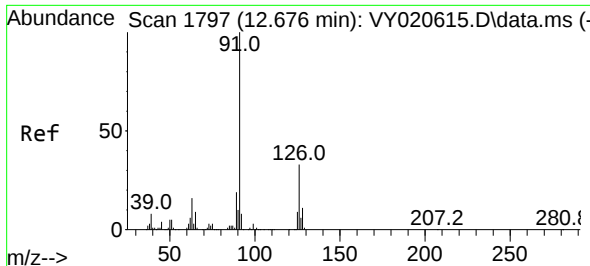
Tgt Ion: 91 Resp: 668577

Ion Ratio Lower Upper

91 100

120 22.3 11.1 33.1

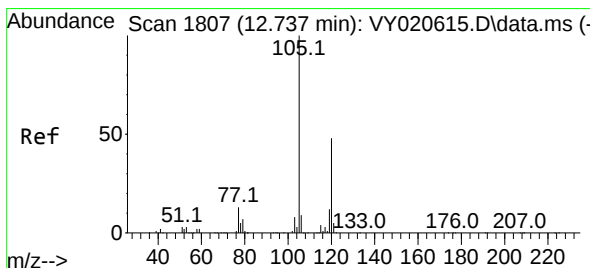
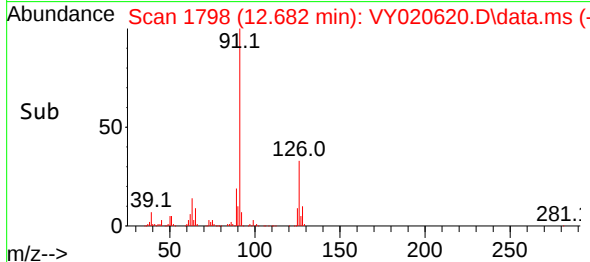
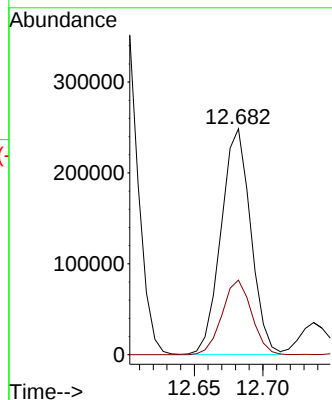
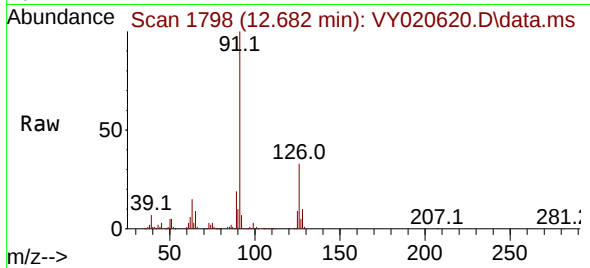




#79
2-Chlorotoluene
Concen: 49.628 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.007 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

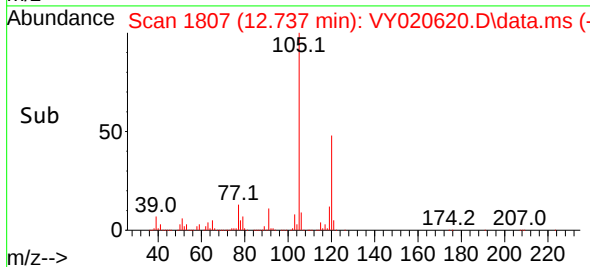
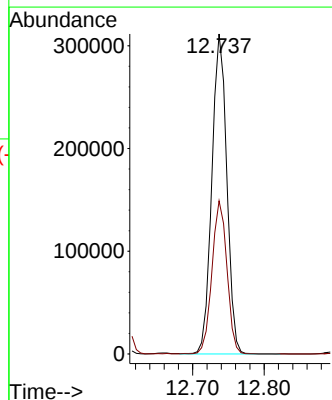
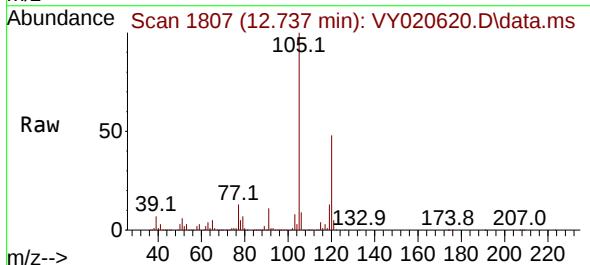
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121724

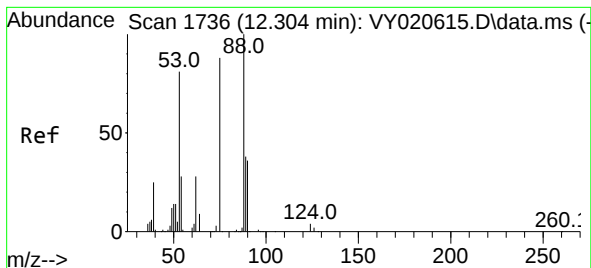
Tgt Ion: 91 Resp: 375047
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 49.995 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion: 105 Resp: 452266
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.7

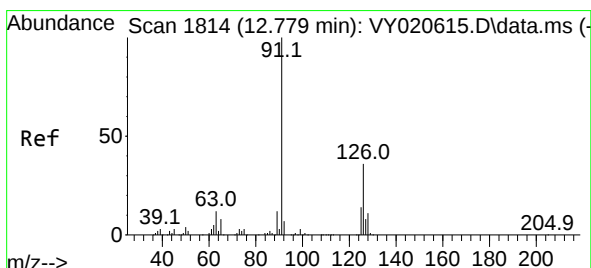
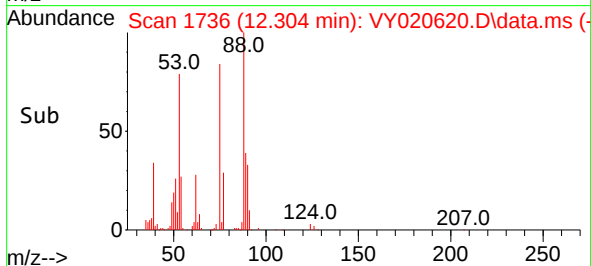
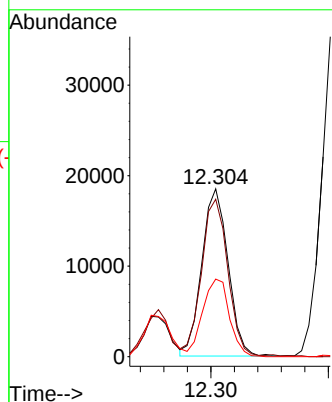
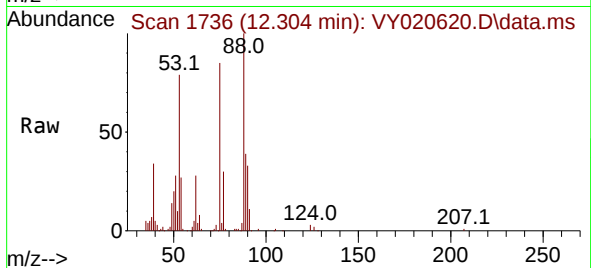




#81
trans-1,4-Dichloro-2-butene
Concen: 45.313 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

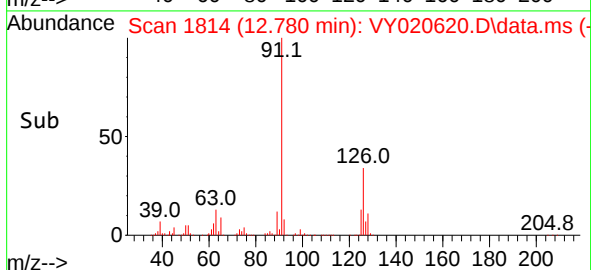
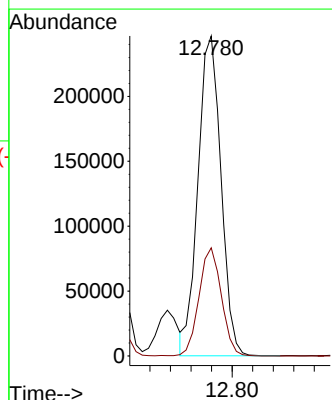
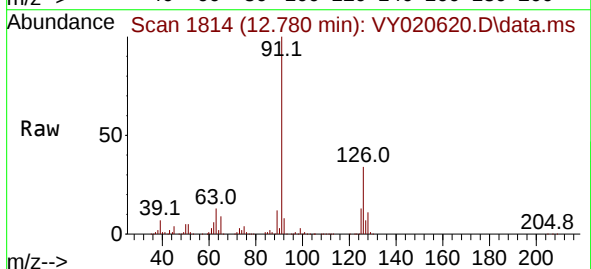
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121724

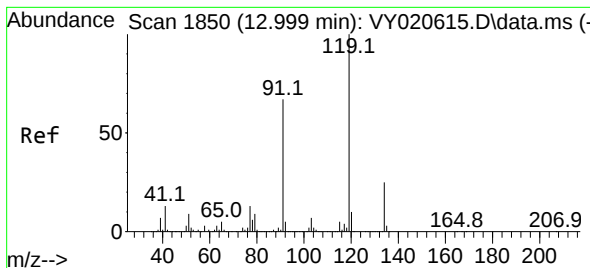
Tgt Ion: 75 Resp: 28650
Ion Ratio Lower Upper
75 100
53 93.4 75.4 113.2
89 47.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 48.929 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion: 91 Resp: 383617
Ion Ratio Lower Upper
91 100
126 33.0 16.6 49.7





#83

tert-Butylbenzene

Concen: 49.469 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121724

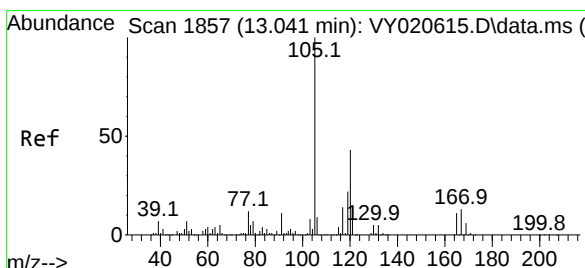
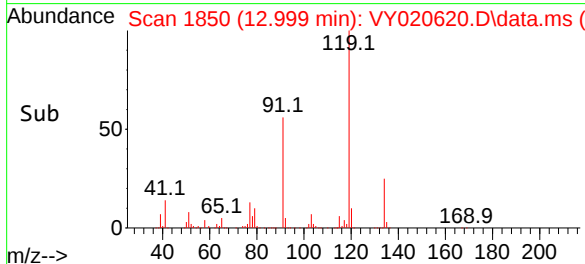
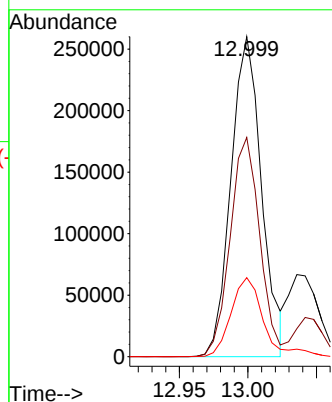
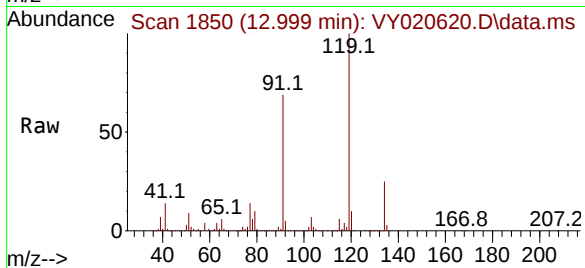
Tgt Ion:119 Resp: 405285

Ion Ratio Lower Upper

119 100

91 66.1 32.9 98.6

134 26.2 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 49.877 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY020620.D

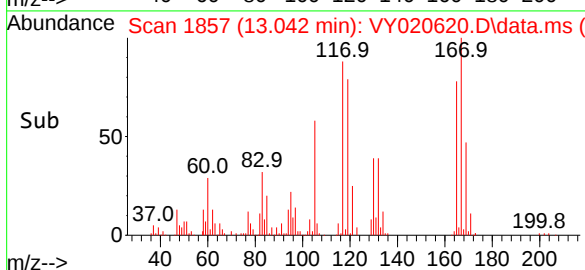
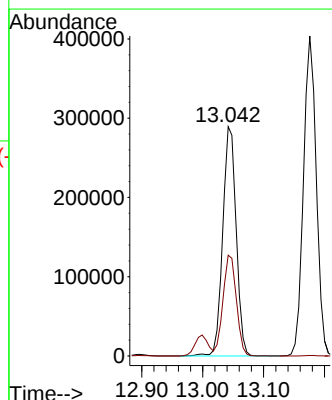
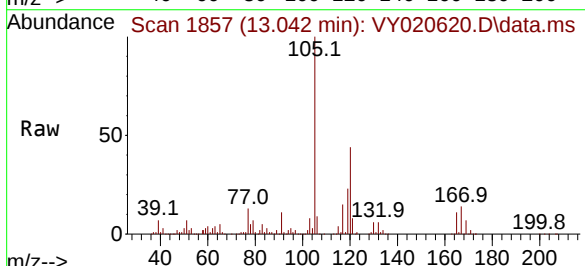
Acq: 17 Dec 2024 17:41

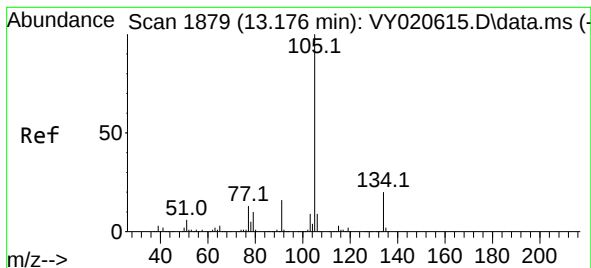
Tgt Ion:105 Resp: 442582

Ion Ratio Lower Upper

105 100

120 43.7 21.8 65.4





#85

sec-Butylbenzene

Concen: 49.451 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

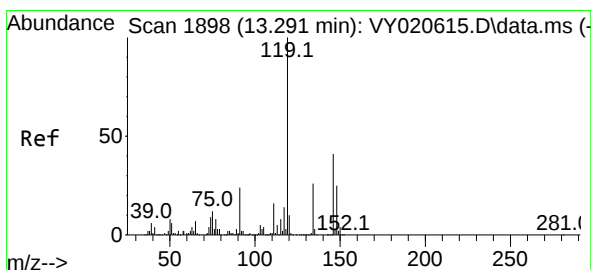
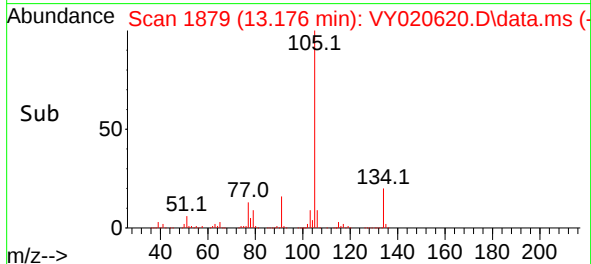
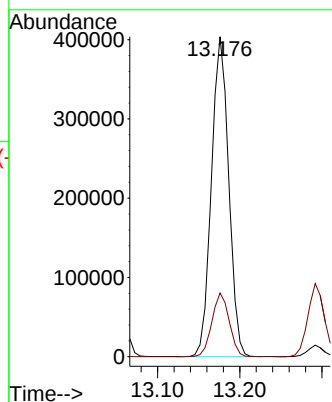
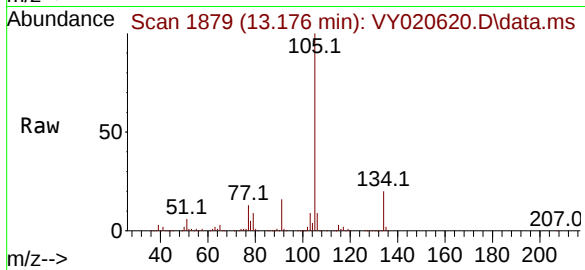
ICVY121724

Tgt Ion:105 Resp: 589060

Ion Ratio Lower Upper

105 100

134 19.9 10.0 30.0



#86

p-Isopropyltoluene

Concen: 50.187 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

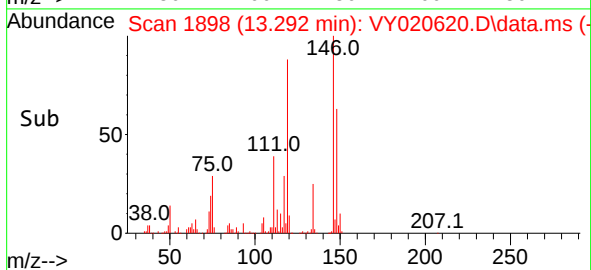
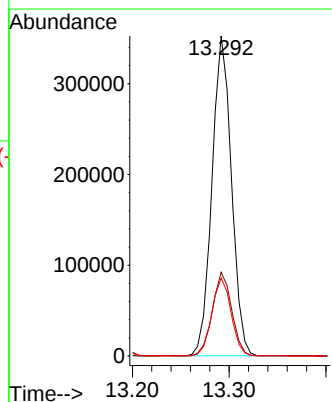
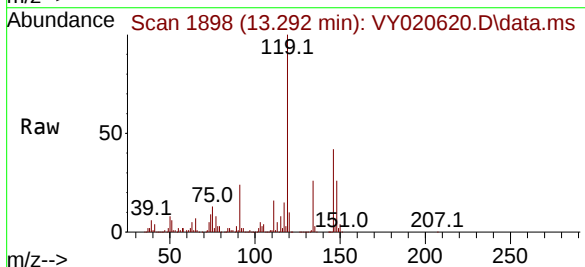
Tgt Ion:119 Resp: 492898

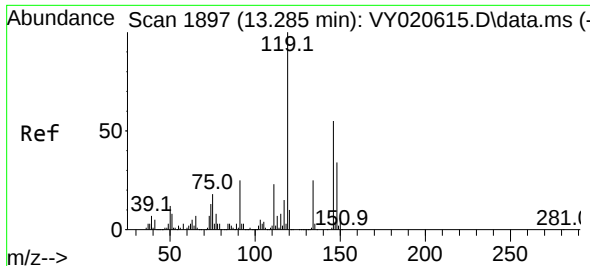
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.6

91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 48.653 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121724

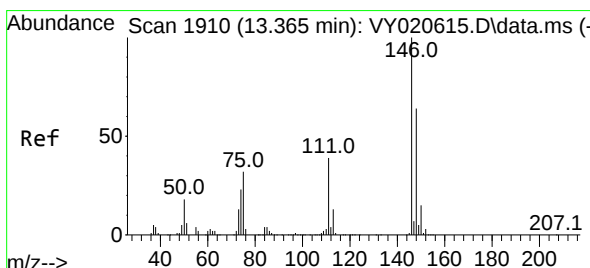
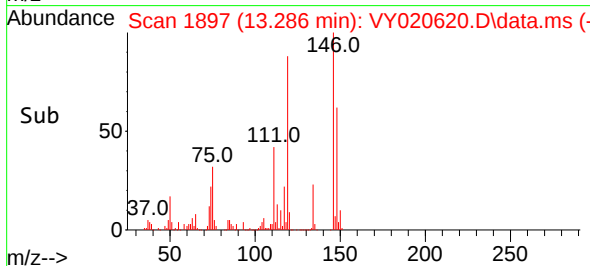
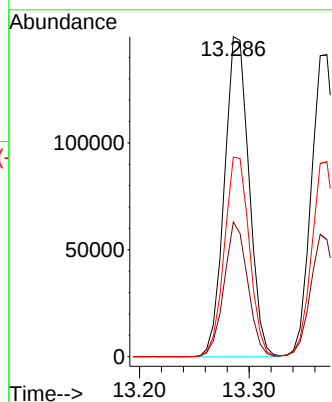
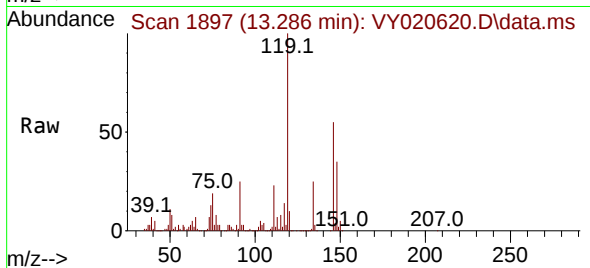
Tgt Ion:146 Resp: 233241

Ion Ratio Lower Upper

146 100

111 40.5 20.6 61.8

148 63.2 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 47.888 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.007 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

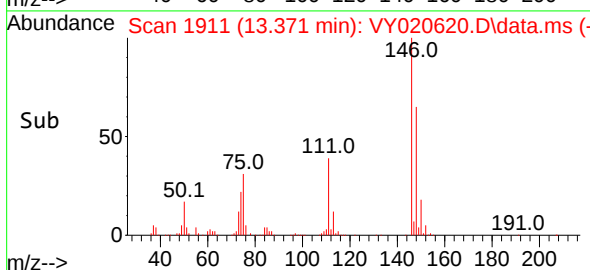
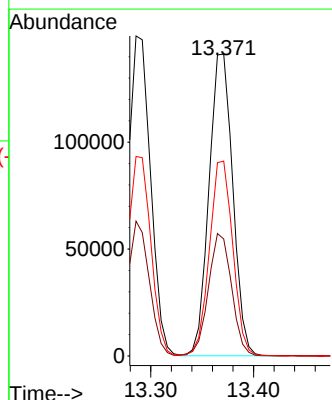
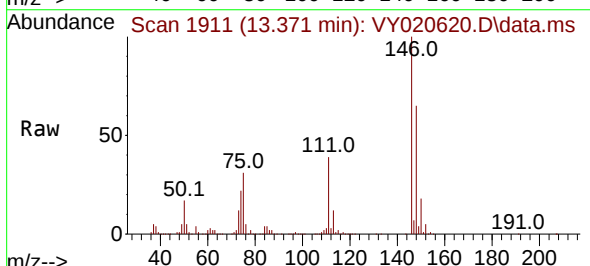
Tgt Ion:146 Resp: 227374

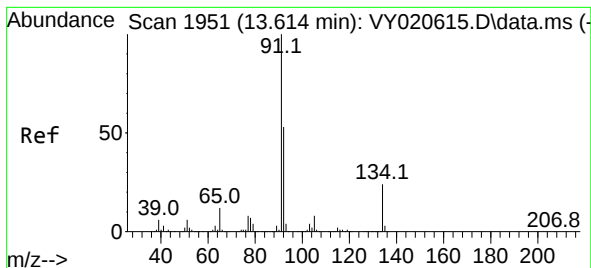
Ion Ratio Lower Upper

146 100

111 39.7 19.6 58.7

148 63.6 31.9 95.5





#89

n-Butylbenzene

Concen: 50.725 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121724

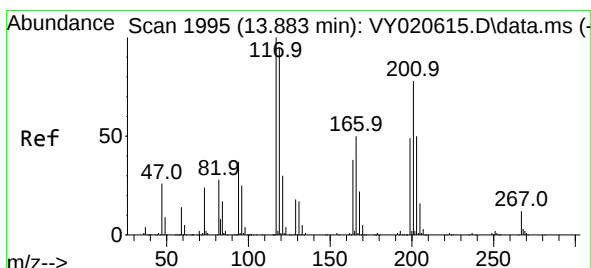
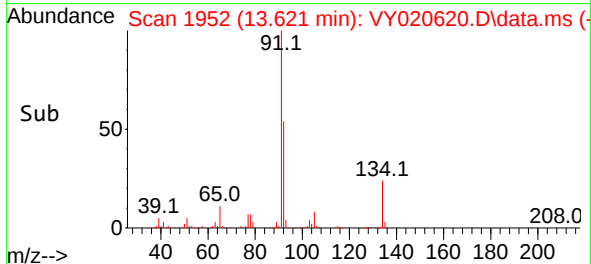
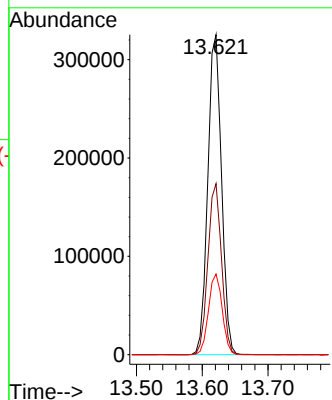
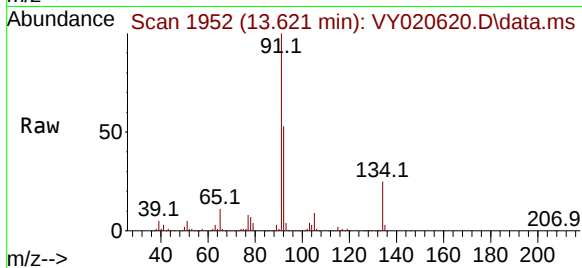
Tgt Ion: 91 Resp: 472143

Ion Ratio Lower Upper

91 100

92 53.1 26.8 80.4

134 25.2 12.5 37.5



#90

Hexachloroethane

Concen: 49.342 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020620.D

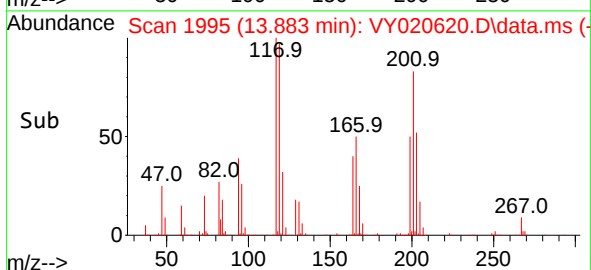
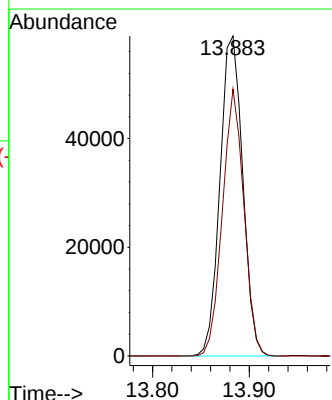
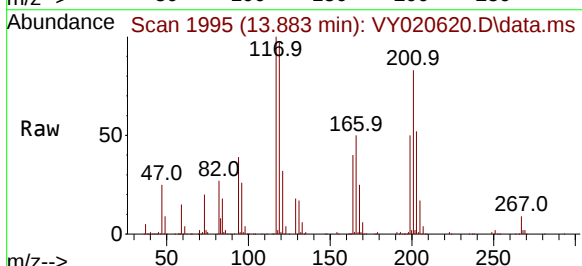
Acq: 17 Dec 2024 17:41

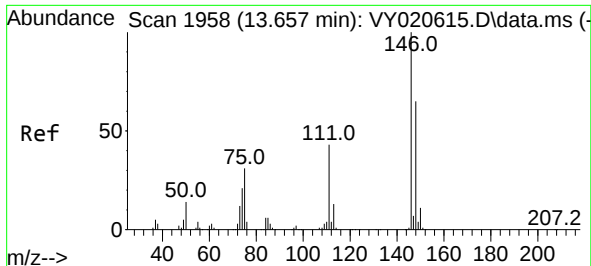
Tgt Ion: 117 Resp: 96035

Ion Ratio Lower Upper

117 100

201 78.5 39.1 117.3

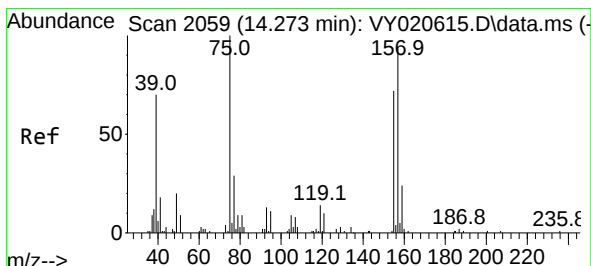
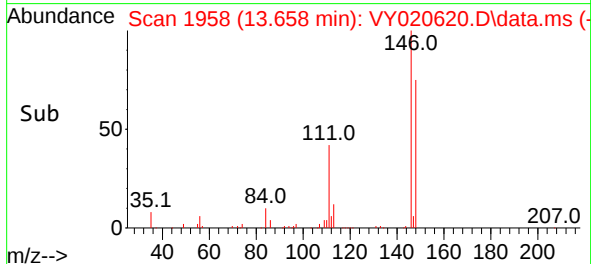
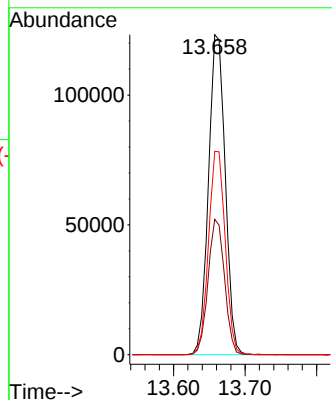
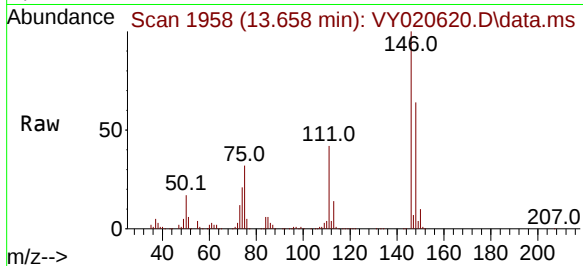




#91
1,2-Dichlorobenzene
Concen: 48.162 ug/l
RT: 13.658 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

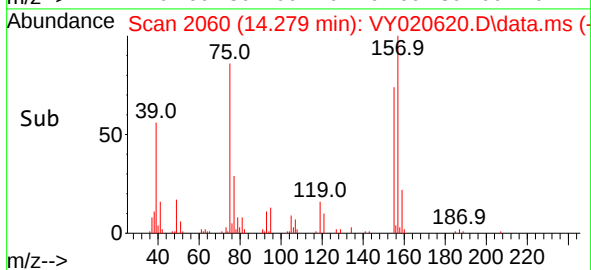
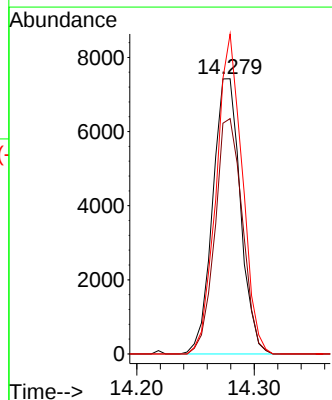
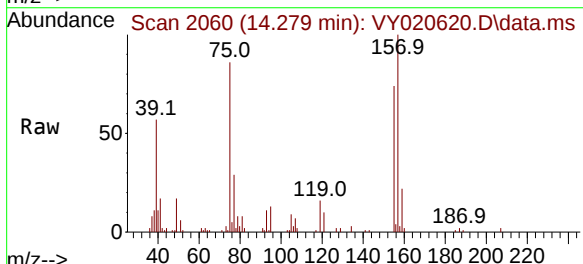
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121724

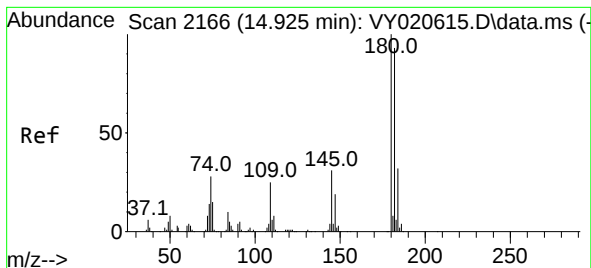
Tgt Ion:146 Resp: 200049
Ion Ratio Lower Upper
146 100
111 41.8 21.3 63.7
148 63.3 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.418 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.007 min
Lab File: VY020620.D
Acq: 17 Dec 2024 17:41

Tgt Ion: 75 Resp: 12169
Ion Ratio Lower Upper
75 100
155 84.9 41.1 123.3
157 109.1 52.9 158.8





#93

1,2,4-Trichlorobenzene

Concen: 49.388 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121724

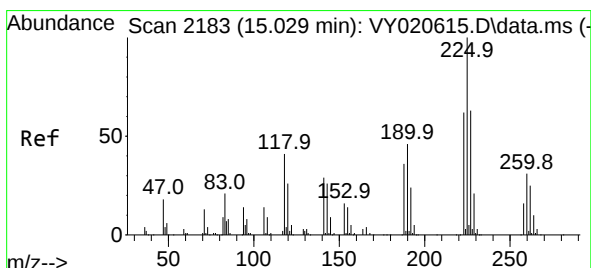
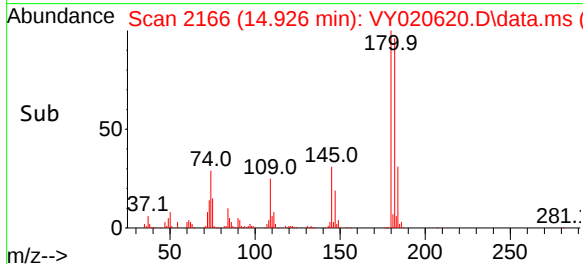
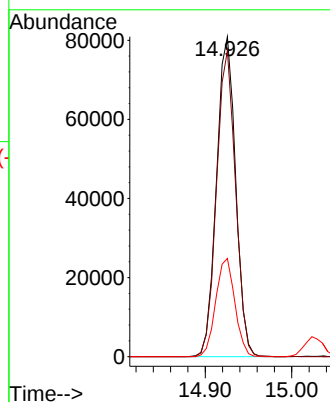
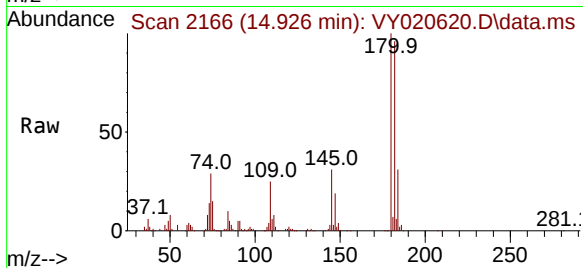
Tgt Ion:180 Resp: 124084

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.6

145 30.8 15.6 46.7



#94

Hexachlorobutadiene

Concen: 51.372 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

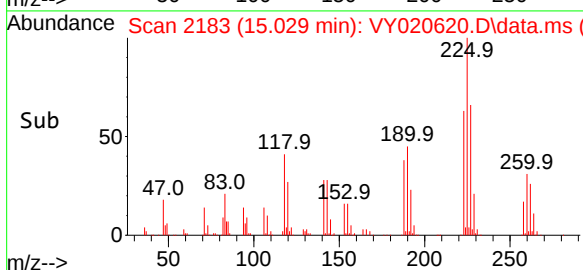
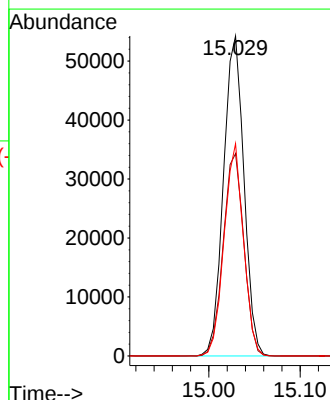
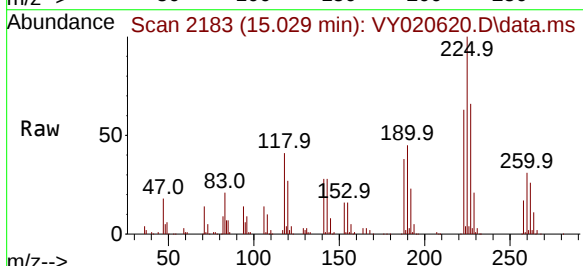
Tgt Ion:225 Resp: 84375

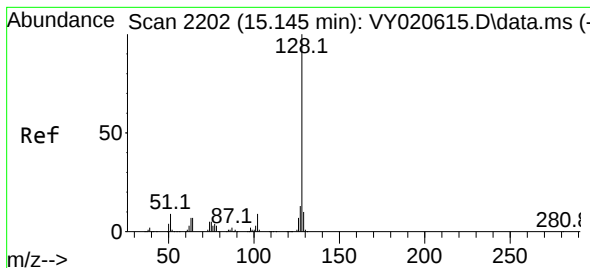
Ion Ratio Lower Upper

225 100

223 63.8 31.8 95.3

227 63.0 32.2 96.6





#95

Naphthalene

Concen: 46.344 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121724

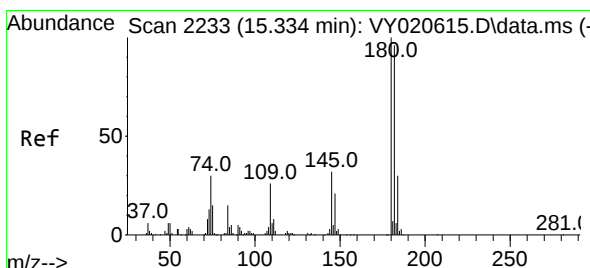
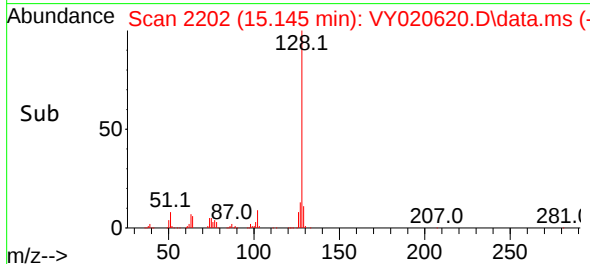
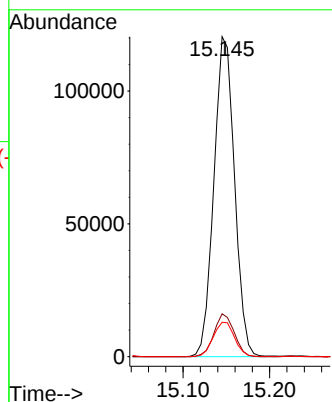
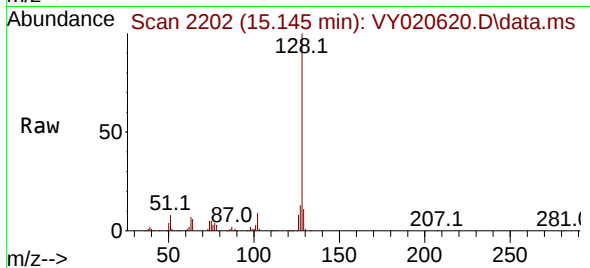
Tgt Ion:128 Resp: 199622

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 11.2 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 48.662 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY020620.D

Acq: 17 Dec 2024 17:41

Tgt Ion:180 Resp: 103298

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.9

145 32.5 16.0 48.0

