

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012514.D
 Acq On : 07 Feb 2023 12:11
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 07 21:50:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 21:44:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	156563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	232922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	214705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111685	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	296160	148.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 297.520%#	
35) Dibromofluoromethane	7.716	113	253893	149.677	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 299.360%#	
50) Toluene-d8	10.179	98	1061116	150.291	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 300.580%#	
62) 4-Bromofluorobenzene	12.483	95	357167	145.031	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 290.060%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	159686	151.530	ug/l	100
3) Chloromethane	2.113	50	169922	139.297	ug/l	98
4) Vinyl Chloride	2.253	62	212986	140.144	ug/l	99
5) Bromomethane	2.637	94	160307	150.283	ug/l	99
6) Chloroethane	2.790	64	152058	143.745	ug/l	100
7) Trichlorofluoromethane	3.125	101	437468	140.045	ug/l	97
8) Diethyl Ether	3.527	74	144301	155.788	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	227232	144.053	ug/l	99
10) Methyl Iodide	4.088	142	329401	161.079	ug/l	99
11) Tert butyl alcohol	4.960	59	145653	776.818	ug/l	97
12) 1,1-Dichloroethene	3.875	96	226378	145.243	ug/l	97
13) Acrolein	3.728	56	189577	809.990	ug/l	98
14) Allyl chloride	4.478	41	295397	155.441	ug/l	98
15) Acrylonitrile	5.161	53	352743	825.444	ug/l	99
16) Acetone	3.948	43	428337	893.902	ug/l	98
17) Carbon Disulfide	4.192	76	558415	138.129	ug/l	99
18) Methyl Acetate	4.478	43	182479	158.438	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	731983	160.495	ug/l	100
20) Methylene Chloride	4.716	84	254905	150.907	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	244737	143.977	ug/l	97
22) Diisopropyl ether	6.118	45	595526	154.117	ug/l	96
23) Vinyl Acetate	6.057	43	1943248	834.201	ug/l	100
24) 1,1-Dichloroethane	6.021	63	407135	147.387	ug/l	98
25) 2-Butanone	6.984	43	465948	876.418	ug/l	100
26) 2,2-Dichloropropane	6.984	77	444623	146.497	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	296285	150.199	ug/l	100
28) Bromochloromethane	7.331	49	162076	161.410	ug/l	96
29) Tetrahydrofuran	7.344	42	246100	856.239	ug/l	100
30) Chloroform	7.508	83	481370	144.535	ug/l	98
31) Cyclohexane	7.789	56	319966	139.005	ug/l	99
32) 1,1,1-Trichloroethane	7.703	97	470439	145.563	ug/l	99
36) 1,1-Dichloropropene	7.917	75	332015	144.621	ug/l	100
37) Ethyl Acetate	7.075	43	170003	164.110	ug/l	99
38) Carbon Tetrachloride	7.898	117	444252	144.157	ug/l	100
39) Methylcyclohexane	9.185	83	410604	148.635	ug/l	100
40) Benzene	8.161	78	1001221	147.658	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	244092	430.177	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	327752	149.130	ug/l	99
43) Isopropyl Acetate	8.270	43	328489	171.028	ug/l	97
44) Trichloroethene	8.941	130	299601	145.147	ug/l	99
45) 1,2-Dichloropropane	9.215	63	221684	150.774	ug/l	98
46) Dibromomethane	9.307	93	146166	150.138	ug/l	99
47) Bromodichloromethane	9.496	83	378441	149.922	ug/l	100
48) Methyl methacrylate	9.288	41	149445	170.225	ug/l	99
49) 1,4-Dioxane	9.301	88	46604	3467.727	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	897714	866.301	ug/l	100
52) Toluene	10.246	92	676929	147.215	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	396850	156.018	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	419843	152.526	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	217461	152.870	ug/l	98
56) Ethyl methacrylate	10.508	69	301980	168.966	ug/l	100
57) 1,3-Dichloropropane	10.788	76	350927	152.854	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	671303	835.664	ug/l	99
59) 2-Hexanone	10.831	43	703005	897.701	ug/l	99
60) Dibromochloromethane	10.983	129	289219	152.523	ug/l	99
61) 1,2-Dibromoethane	11.087	107	205906	154.483	ug/l	99
64) Tetrachloroethene	10.721	164	316179	141.056	ug/l	98
65) Chlorobenzene	11.520	112	744571	146.212	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	295233	147.943	ug/l	98
67) Ethyl Benzene	11.593	91	1339227	149.798	ug/l	99
68) m/p-Xylenes	11.703	106	1060966	297.308	ug/l	100
69) o-Xylene	12.032	106	510389	150.181	ug/l	98
70) Styrene	12.044	104	870446	151.023	ug/l	99
71) Bromoform	12.209	173	193930	153.746	ug/l #	99
73) Isopropylbenzene	12.331	105	1361532	150.679	ug/l	100
74) N-amyl acetate	12.142	43	291462	178.188	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	232324	159.009	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	341391	272.924	ug/l #	100
77) Bromobenzene	12.611	156	326878	149.252	ug/l	98
78) n-propylbenzene	12.672	91	1557136	149.720	ug/l	99
79) 2-Chlorotoluene	12.757	91	892038	151.088	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	1156205	148.640	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	92058	166.372	ug/l	99
82) 4-Chlorotoluene	12.855	91	925908	149.499	ug/l	99
83) tert-Butylbenzene	13.074	119	1044865	153.179	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	1146694	149.821	ug/l	100
85) sec-Butylbenzene	13.257	105	1454390	149.039	ug/l	100
86) p-Isopropyltoluene	13.373	119	1268261	149.812	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	643438	147.657	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	640326	146.696	ug/l	99
89) n-Butylbenzene	13.696	91	1097614	151.704	ug/l	99
90) Hexachloroethane	13.964	117	229025	147.390	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	583737	148.909	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	48942	168.327	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	392981	161.790	ug/l	99
94) Hexachlorobutadiene	15.111	225	219471	145.448	ug/l	99
95) Naphthalene	15.239	128	843115	180.816	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	343003	163.139	ug/l	100

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ClientSampleId :
VSTDICC150

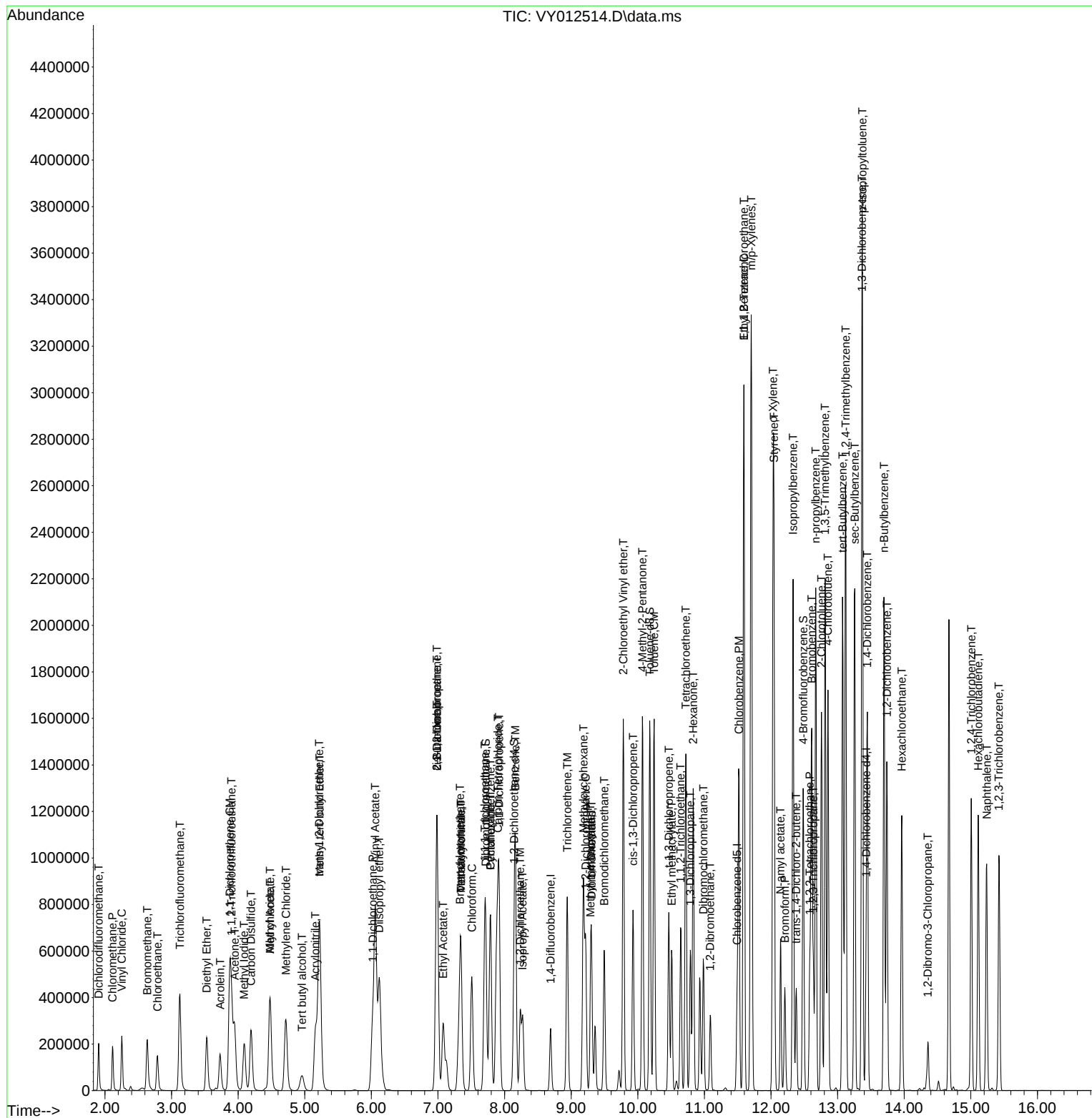
Quant Time: Feb 07 21:50:13 2023
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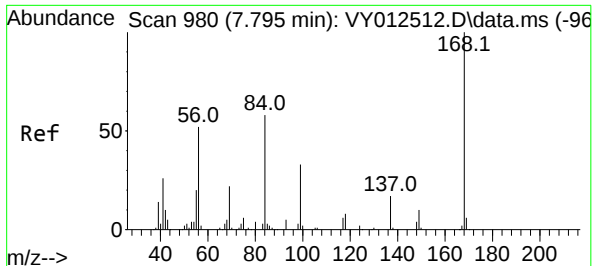
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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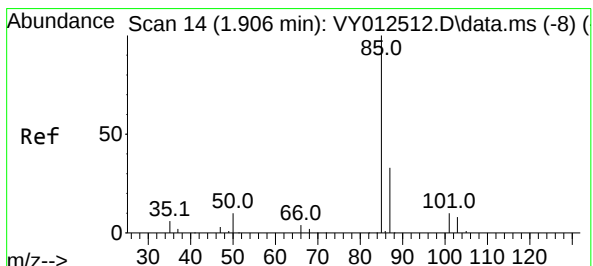
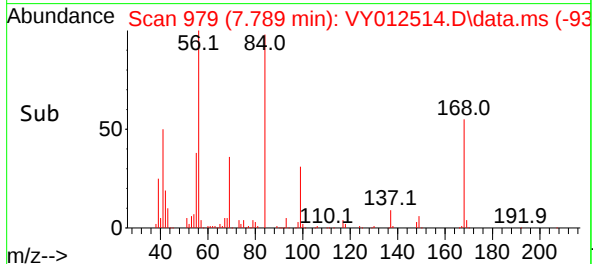
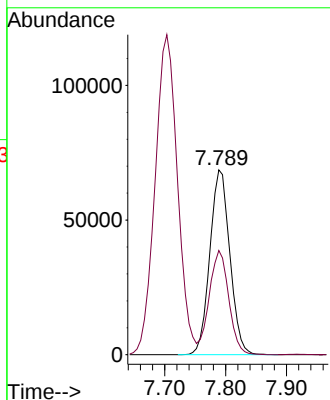
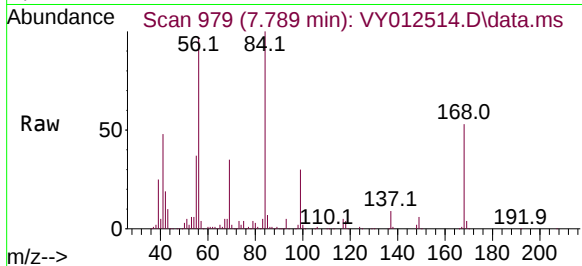




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
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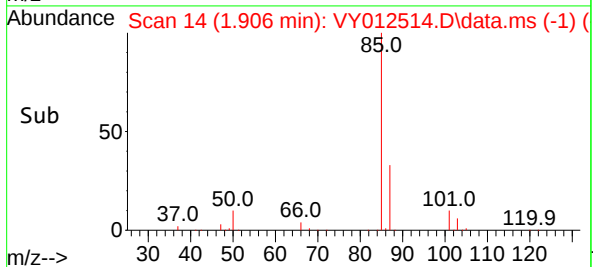
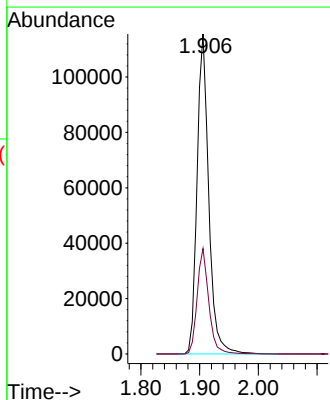
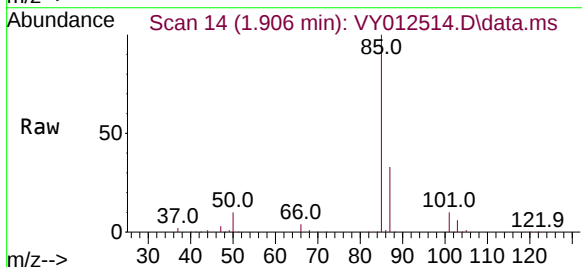
Instrument :
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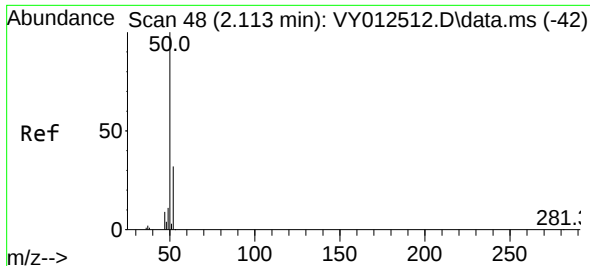
Tgt Ion:168 Resp: 156563
Ion Ratio Lower Upper
168 100
99 56.3 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 151.530 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 85 Resp: 159686
Ion Ratio Lower Upper
85 100
87 32.9 16.6 49.8

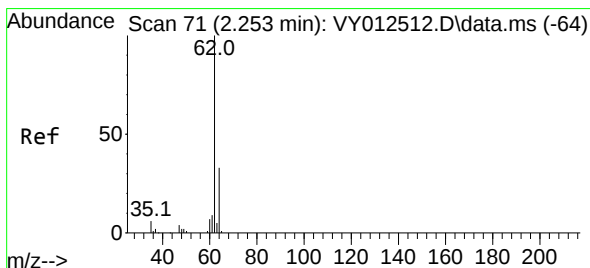
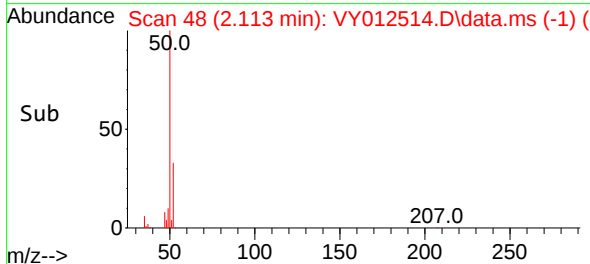
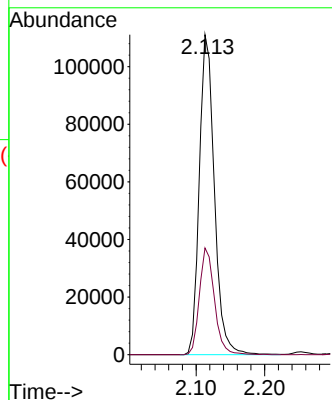
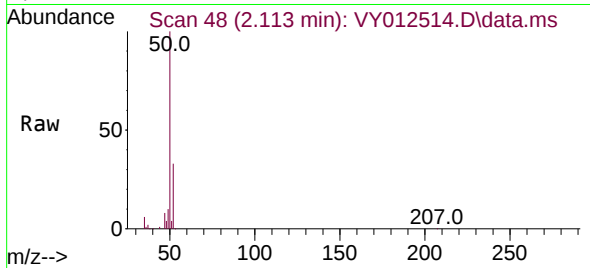




#3
Chloromethane
Concen: 139.297 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY012514.D
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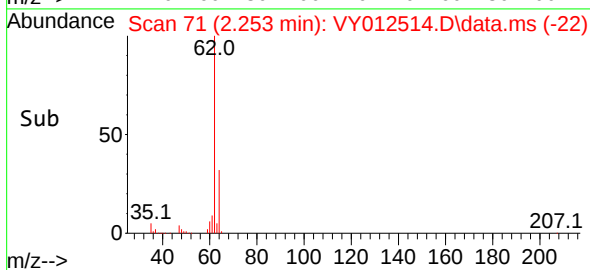
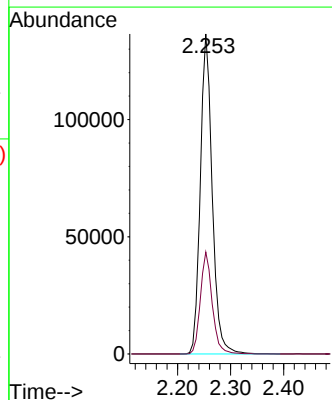
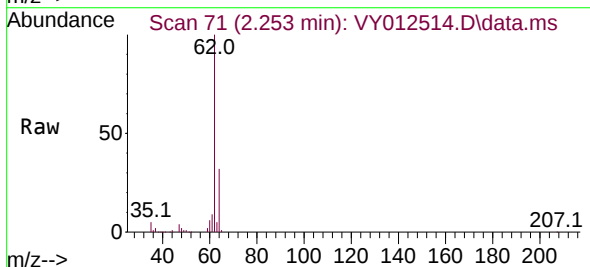
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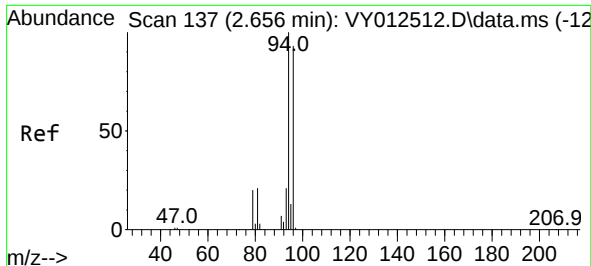
Tgt Ion: 50 Resp: 169922
Ion Ratio Lower Upper
50 100
52 33.4 25.8 38.6



#4
Vinyl Chloride
Concen: 140.144 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 62 Resp: 212986
Ion Ratio Lower Upper
62 100
64 31.9 26.1 39.1

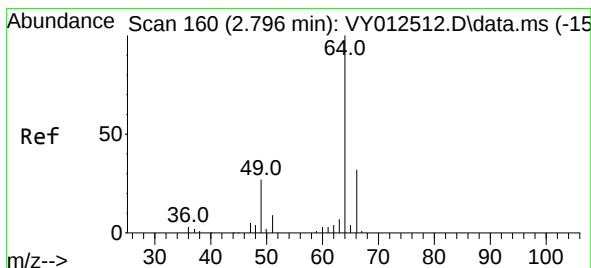
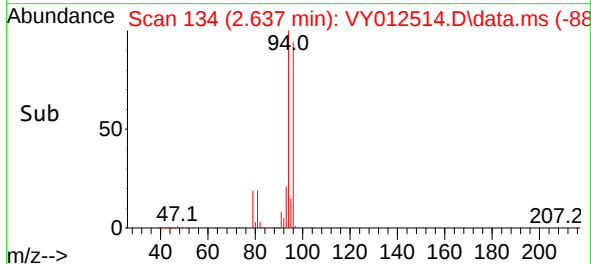
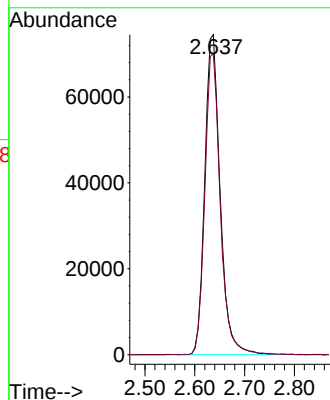
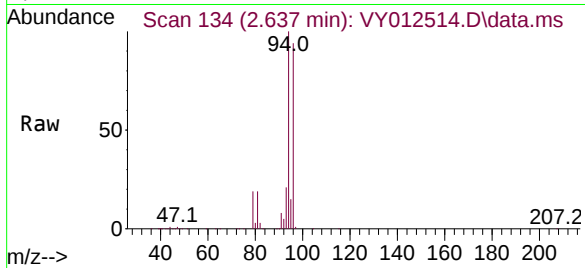




#5
Bromomethane
Concen: 150.283 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY012514.D
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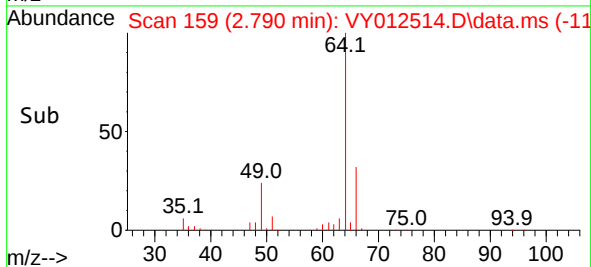
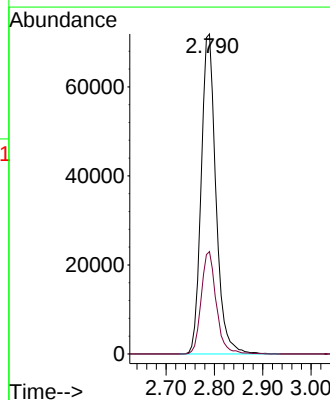
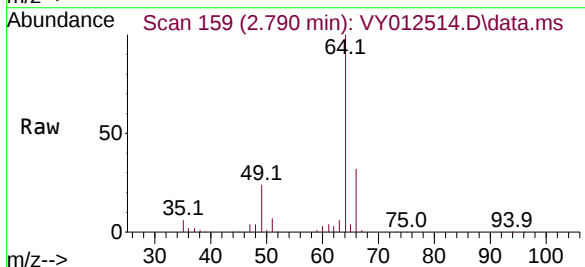
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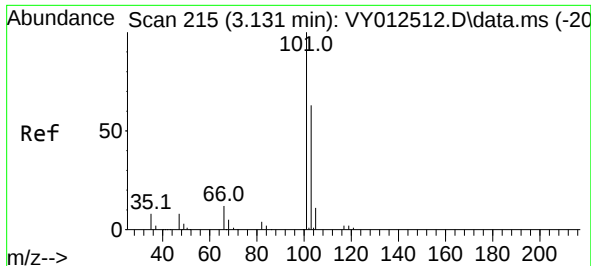
Tgt Ion: 94 Resp: 160307
Ion Ratio Lower Upper
94 100
96 94.0 74.7 112.1



#6
Chloroethane
Concen: 143.745 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012514.D
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Tgt Ion: 64 Resp: 152058
Ion Ratio Lower Upper
64 100
66 32.0 25.7 38.5

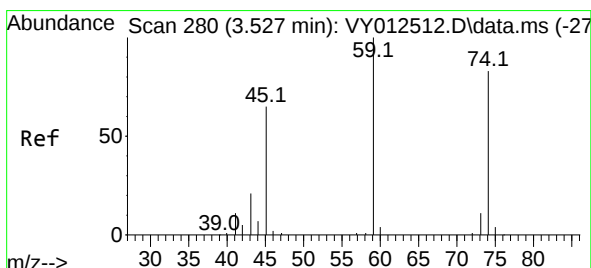
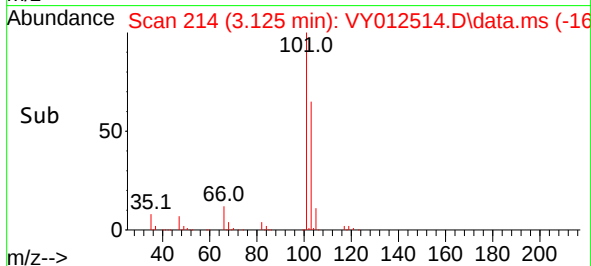
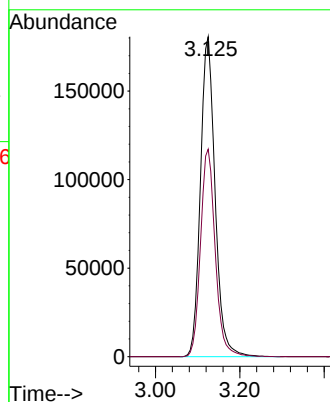
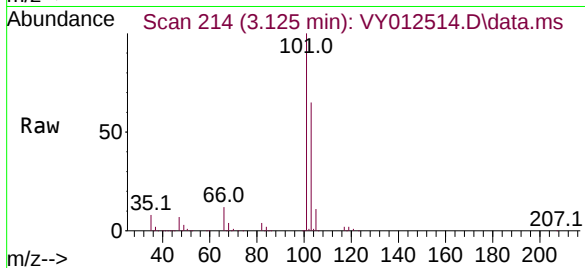




#7
Trichlorofluoromethane
Concen: 140.045 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

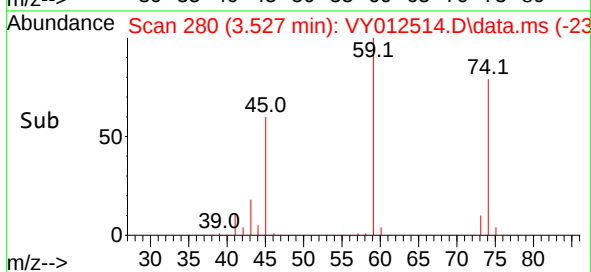
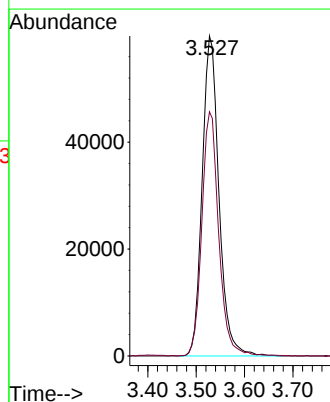
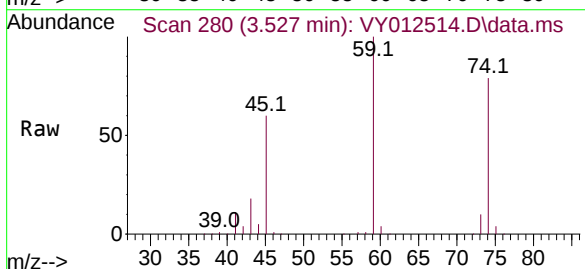
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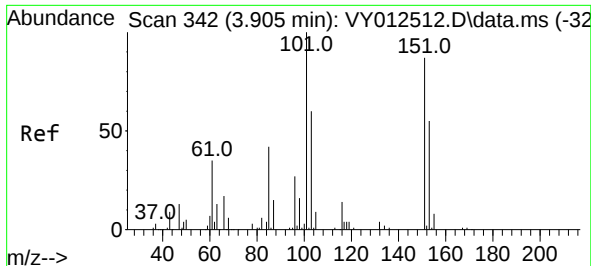
Tgt Ion:101 Resp: 437468
Ion Ratio Lower Upper
101 100
103 64.8 50.1 75.1



#8
Diethyl Ether
Concen: 155.788 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 74 Resp: 144301
Ion Ratio Lower Upper
74 100
45 76.9 37.8 113.4

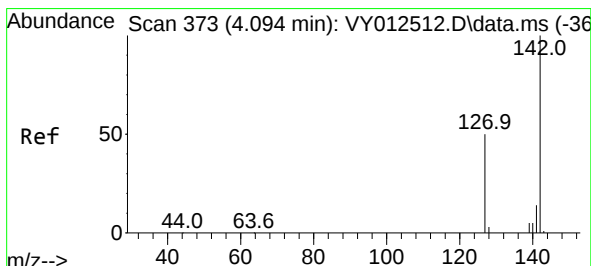
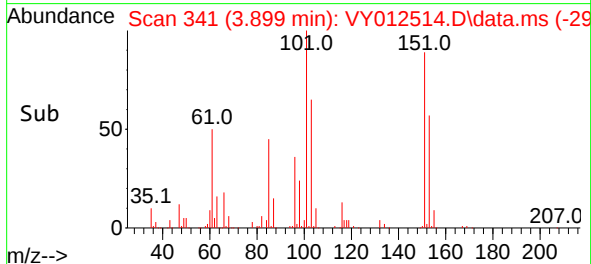
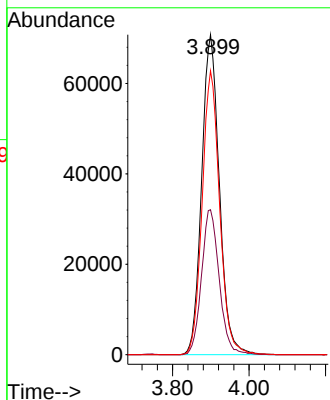
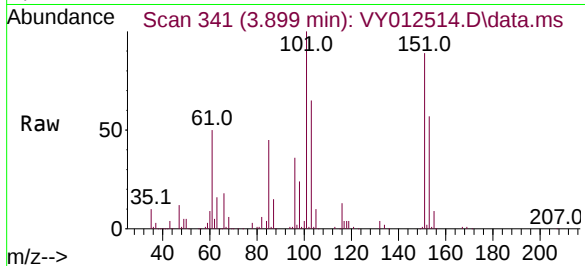




#9
1,1,2-Trichlorotrifluoroethane
Concen: 144.053 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

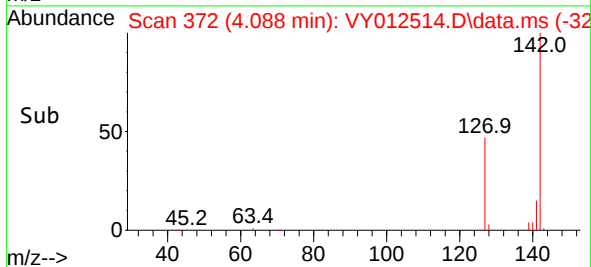
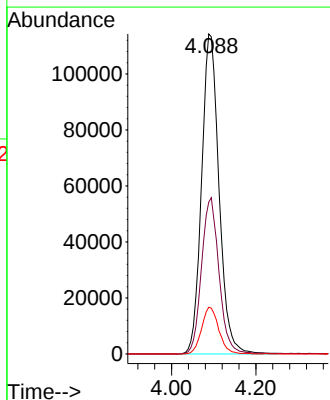
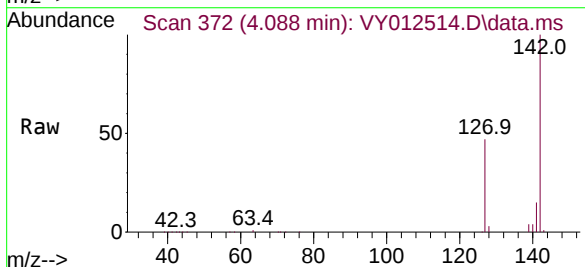
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

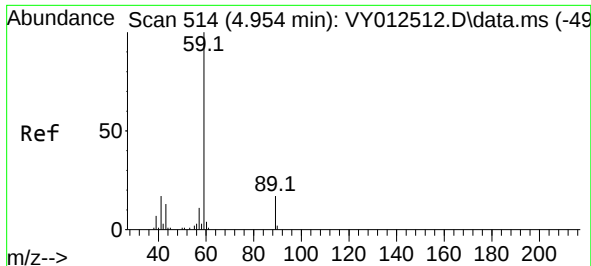
Tgt Ion:101 Resp: 227232
Ion Ratio Lower Upper
101 100
85 45.4 36.1 54.1
151 87.9 70.7 106.1



#10
Methyl Iodide
Concen: 161.079 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion:142 Resp: 329401
Ion Ratio Lower Upper
142 100
127 48.8 39.8 59.6
141 14.4 11.6 17.4

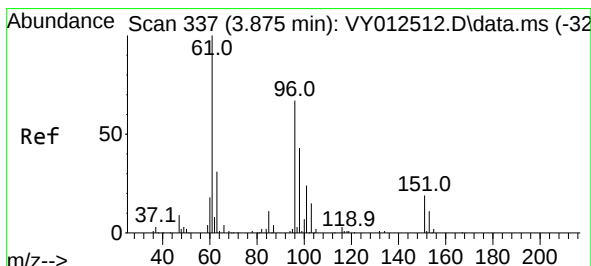
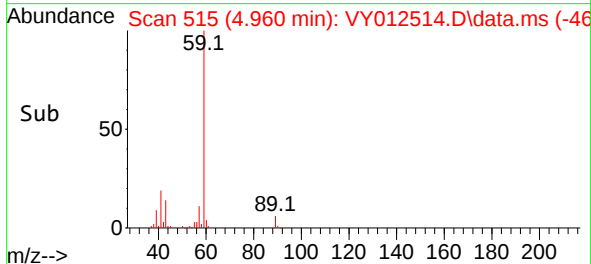
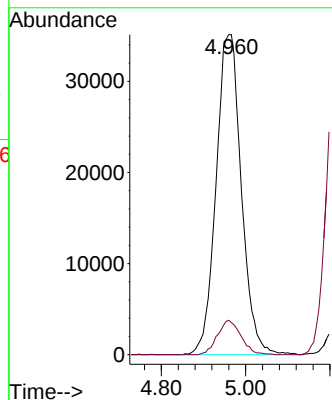
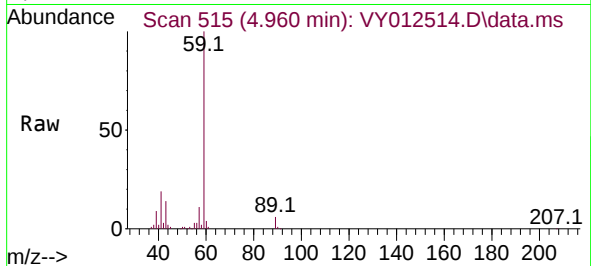




#11
Tert butyl alcohol
Concen: 776.818 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

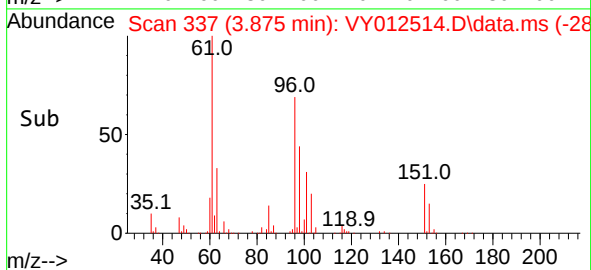
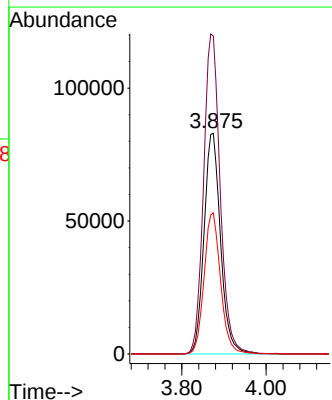
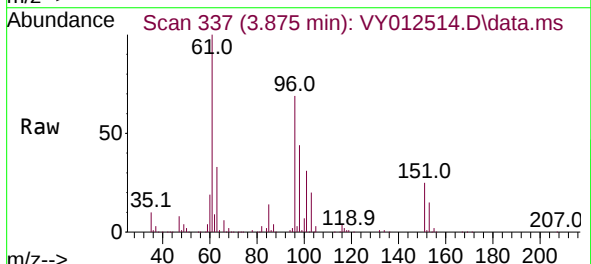
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

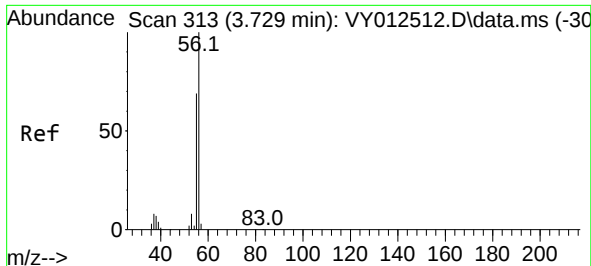
Tgt Ion: 59 Resp: 145653
Ion Ratio Lower Upper
59 100
57 10.0 7.2 10.8



#12
1,1-Dichloroethene
Concen: 145.243 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 96 Resp: 226378
Ion Ratio Lower Upper
96 100
61 144.1 119.4 179.2
98 63.9 51.9 77.9





#13

Acrolein

Concen: 809.990 ug/l

RT: 3.728 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

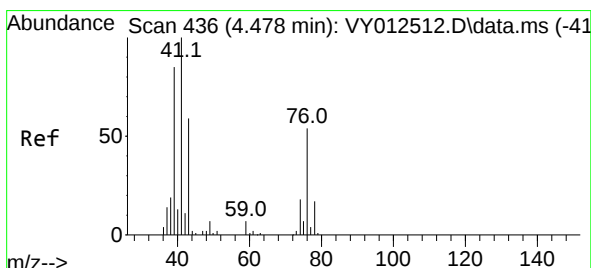
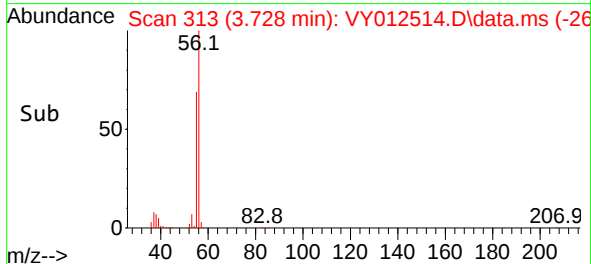
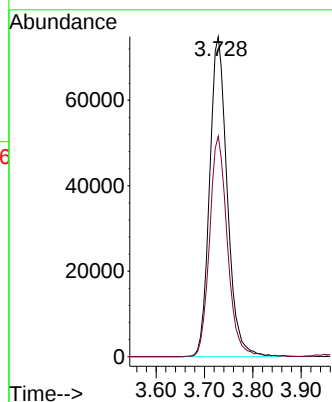
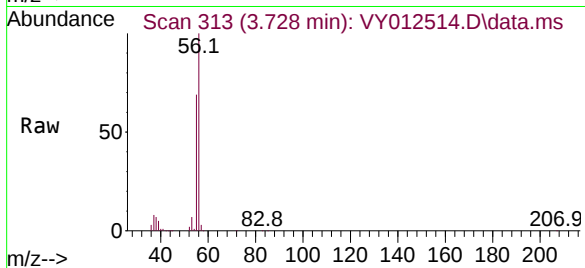
VSTDIC150

Tgt Ion: 56 Resp: 189577

Ion Ratio Lower Upper

56 100

55 69.9 57.0 85.4



#14

Allyl chloride

Concen: 155.441 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

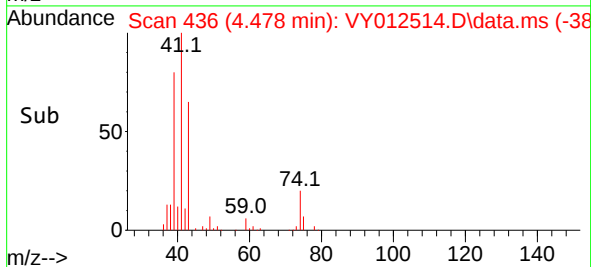
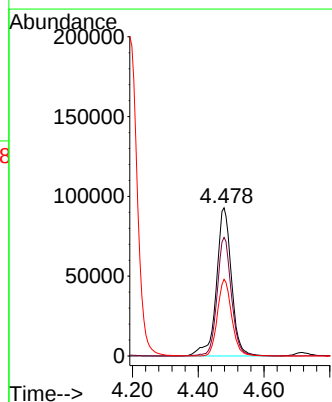
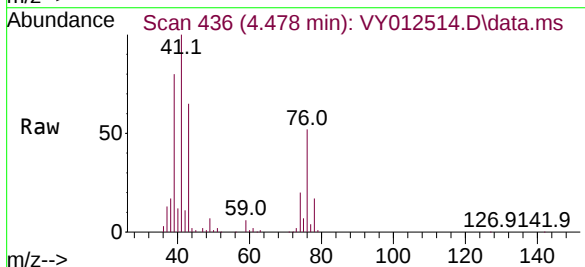
Tgt Ion: 41 Resp: 295397

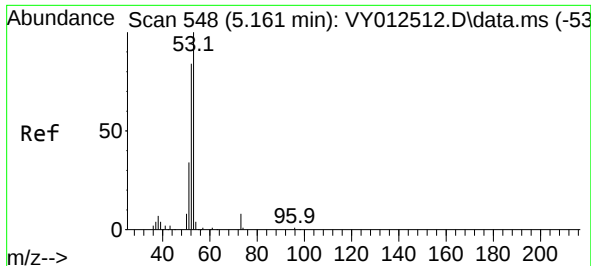
Ion Ratio Lower Upper

41 100

39 76.0 62.6 94.0

76 48.4 39.6 59.4

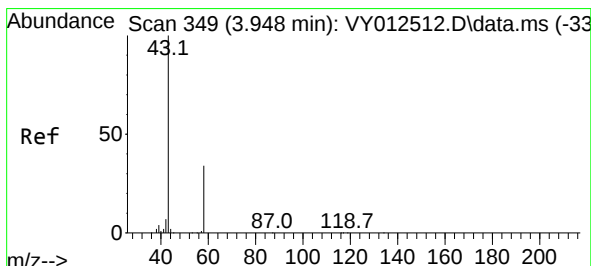
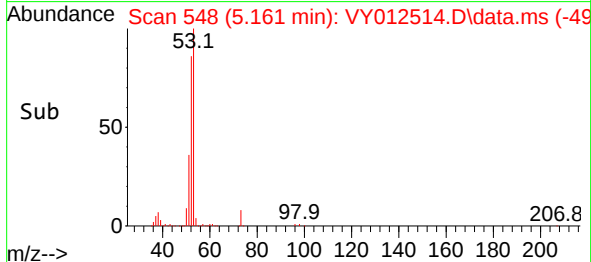
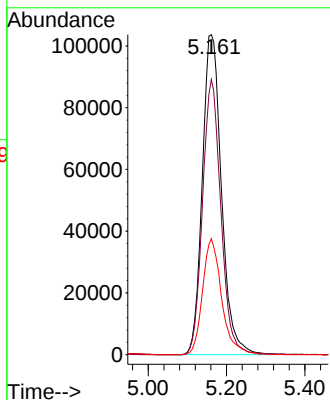
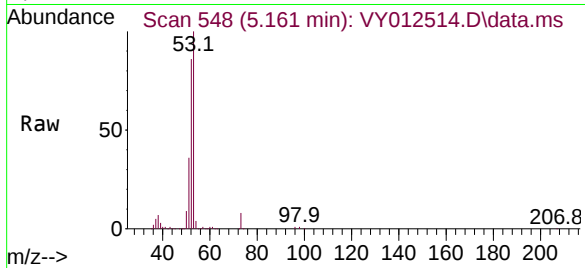




#15
Acrylonitrile
Concen: 825.444 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

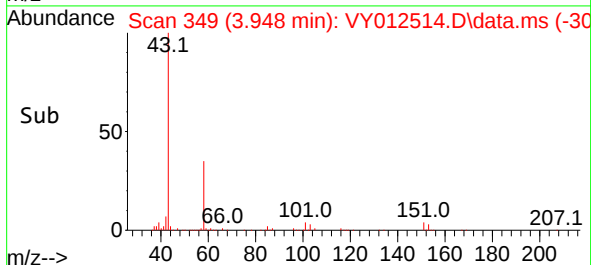
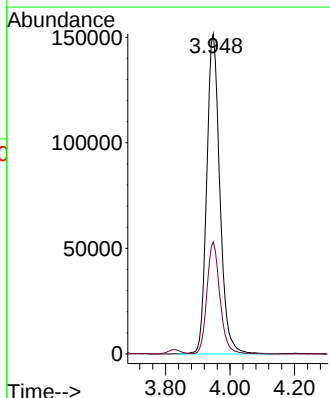
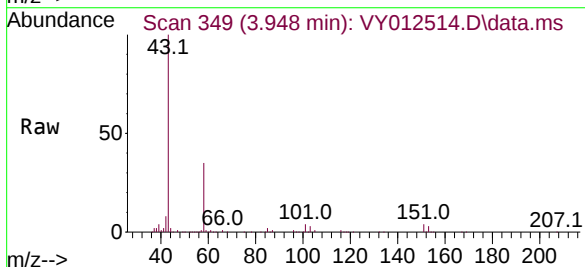
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

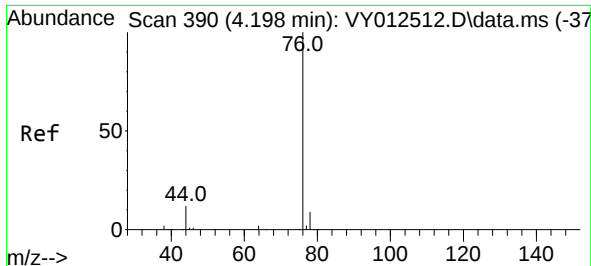
Tgt Ion: 53 Resp: 352743
Ion Ratio Lower Upper
53 100
52 82.1 65.0 97.4
51 36.1 28.7 43.1



#16
Acetone
Concen: 893.902 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 43 Resp: 428337
Ion Ratio Lower Upper
43 100
58 35.0 27.1 40.7

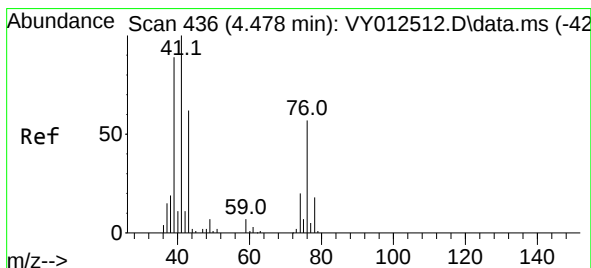
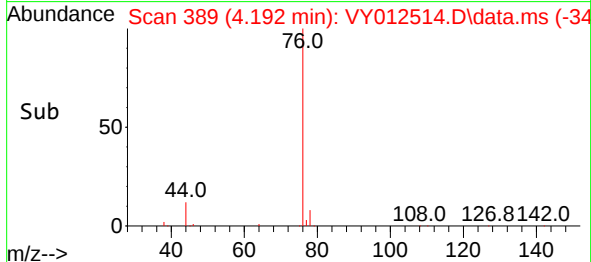
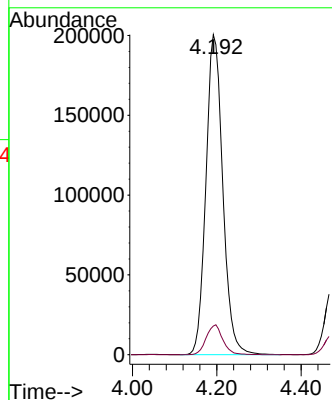
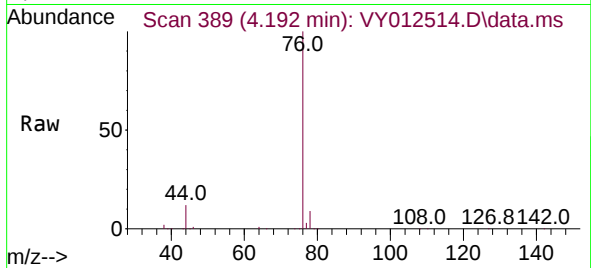




#17
Carbon Disulfide
Concen: 138.129 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

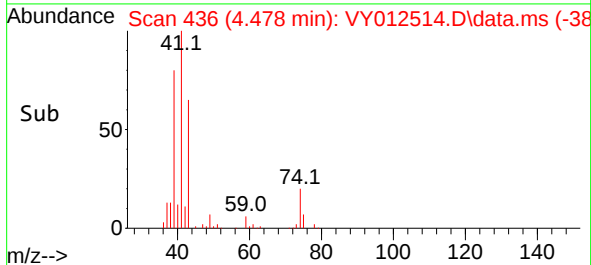
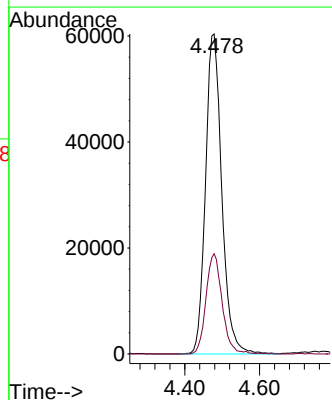
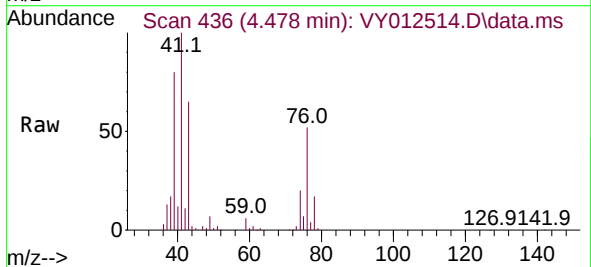
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

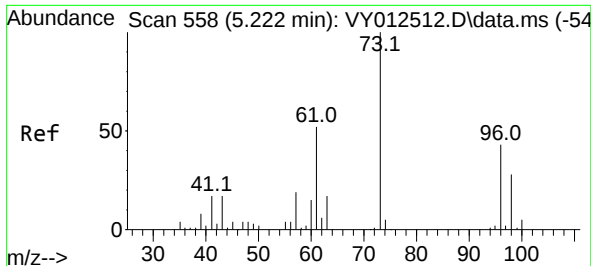
Tgt Ion: 76 Resp: 558415
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 158.438 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 43 Resp: 182479
Ion Ratio Lower Upper
43 100
74 31.1 25.6 38.4

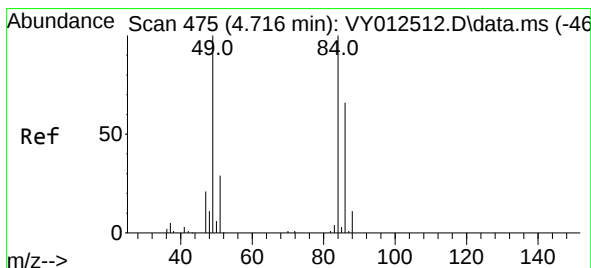
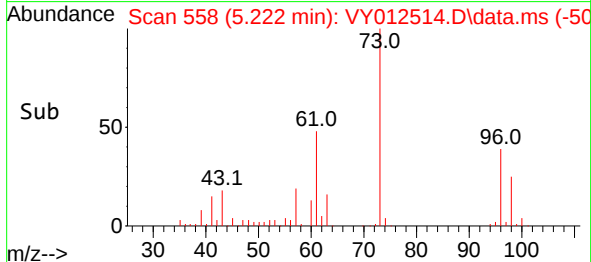
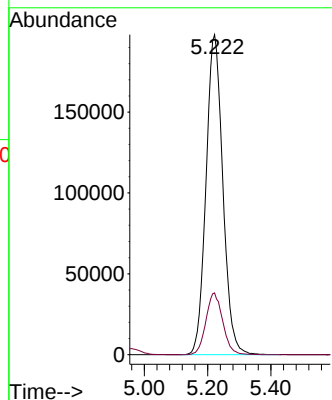
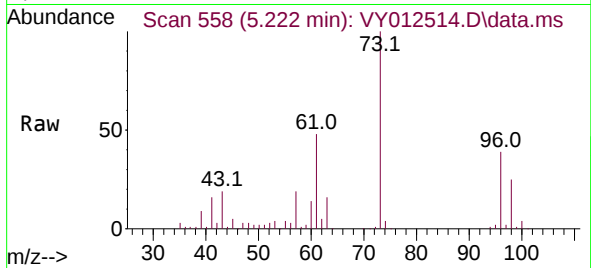




#19
Methyl tert-butyl Ether
Concen: 160.495 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

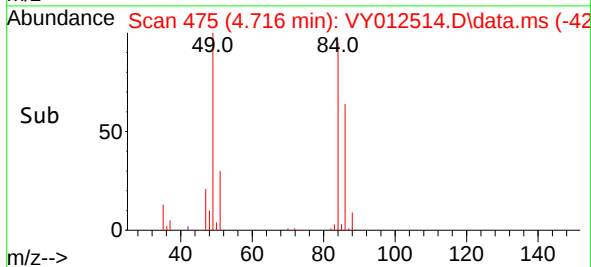
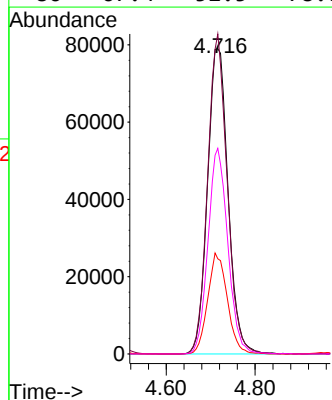
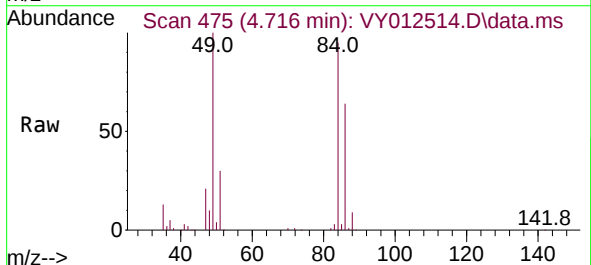
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

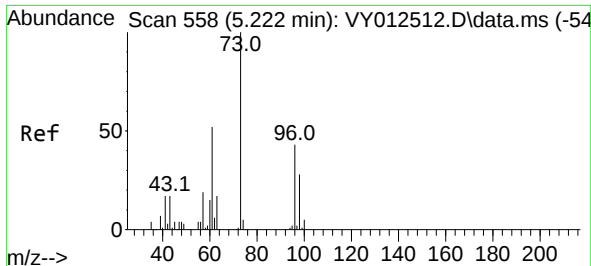
Tgt Ion: 73 Resp: 731983
Ion Ratio Lower Upper
73 100
57 19.3 15.3 22.9



#20
Methylene Chloride
Concen: 150.907 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 84 Resp: 254905
Ion Ratio Lower Upper
84 100
49 104.8 79.8 119.6
51 31.2 23.4 35.2
86 67.4 52.5 78.7

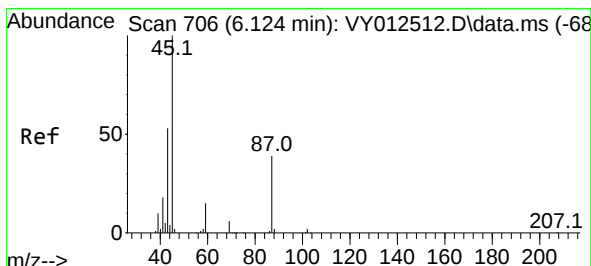
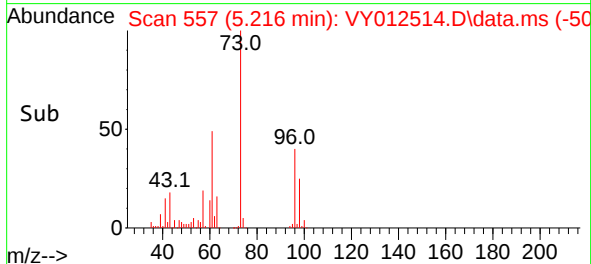
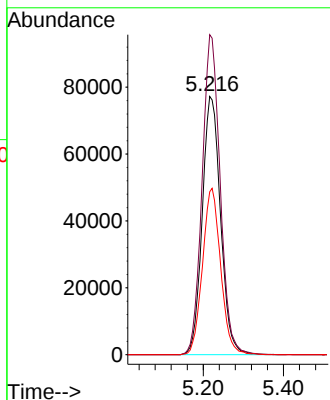
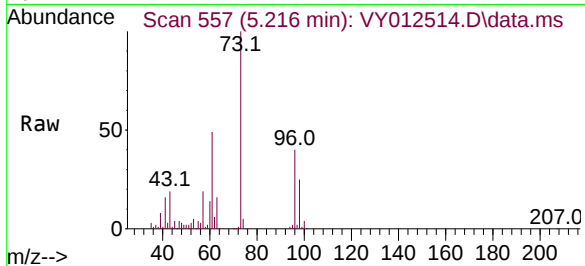




#21
trans-1,2-Dichloroethene
Concen: 143.977 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

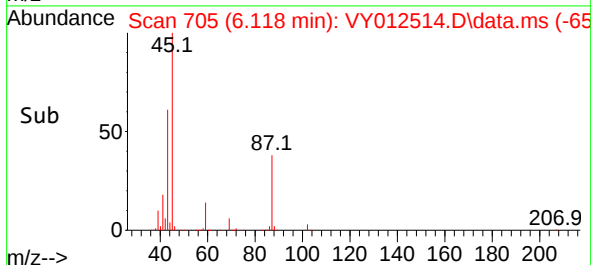
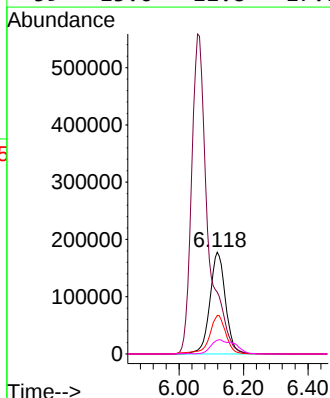
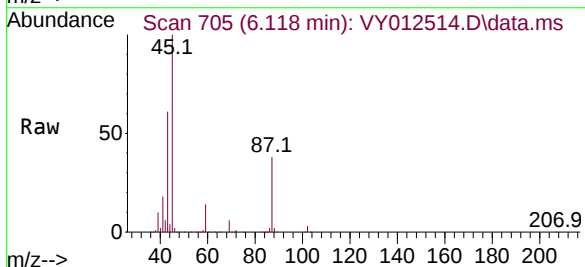
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

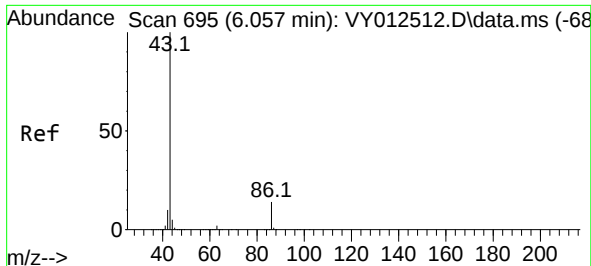
Tgt Ion: 96 Resp: 244737
Ion Ratio Lower Upper
96 100
61 123.9 96.2 144.4
98 63.1 51.6 77.4



#22
Diisopropyl ether
Concen: 154.117 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 45 Resp: 595526
Ion Ratio Lower Upper
45 100
43 60.5 45.9 68.9
87 37.8 32.2 48.4
59 13.6 11.8 17.8

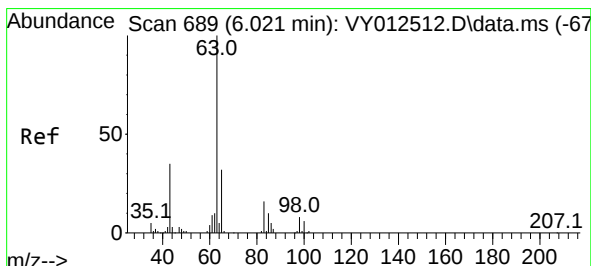
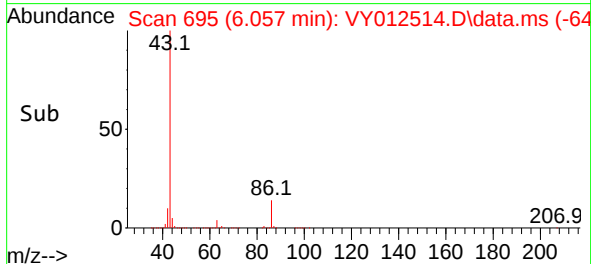
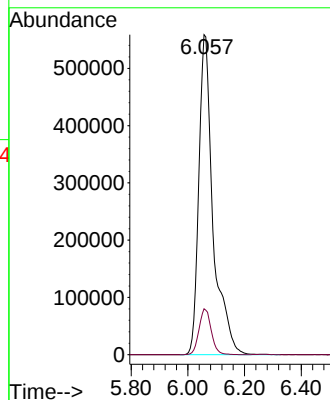
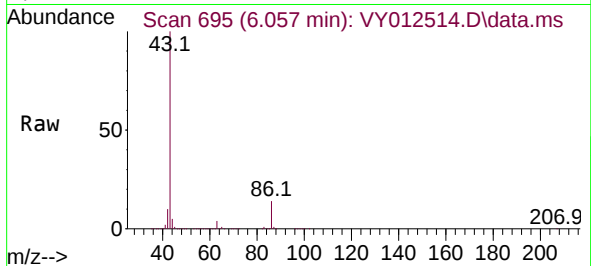




#23
 Vinyl Acetate
 Concen: 834.201 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012514.D
 Acq: 07 Feb 2023 12:11

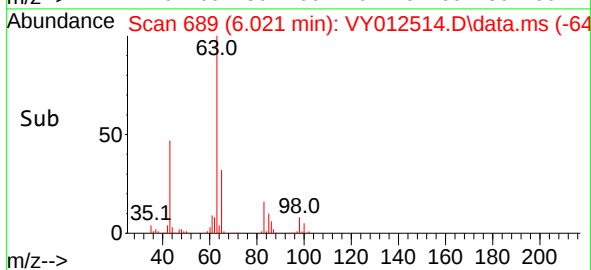
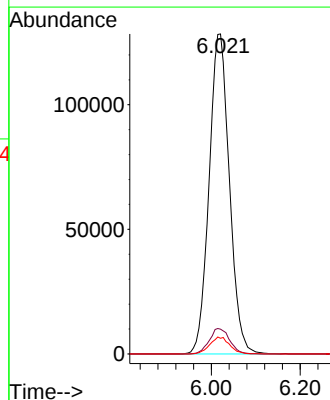
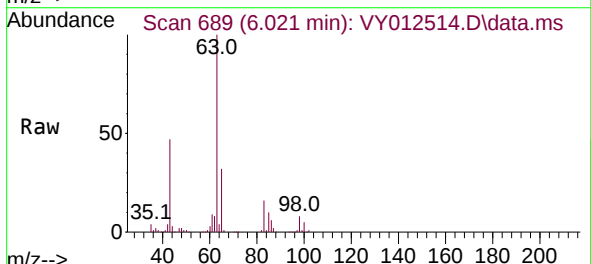
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

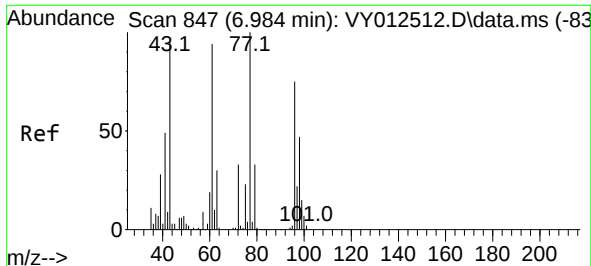
Tgt Ion: 43 Resp: 1943248
 Ion Ratio Lower Upper
 43 100
 86 14.4 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 147.387 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY012514.D
 Acq: 07 Feb 2023 12:11

Tgt Ion: 63 Resp: 407135
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.1 12.3
 100 4.9 2.9 8.8





#25

2-Butanone

Concen: 876.418 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

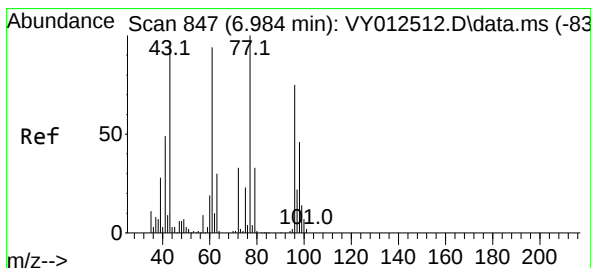
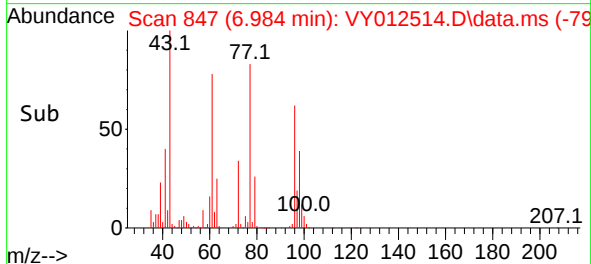
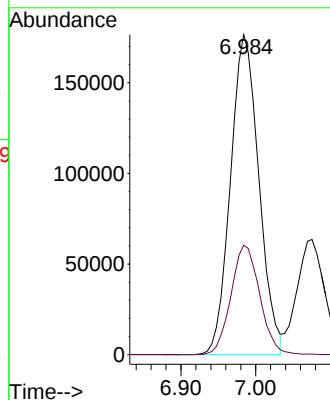
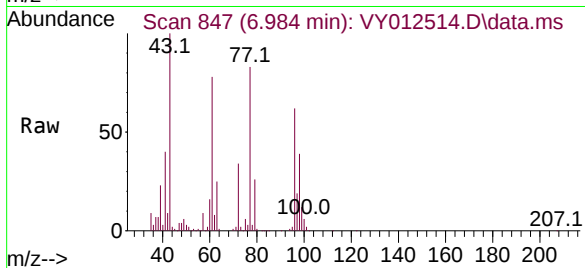
VSTDICC150

Tgt Ion: 43 Resp: 465948

Ion Ratio Lower Upper

43 100

72 34.2 27.4 41.2



#26

2,2-Dichloropropane

Concen: 146.497 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012514.D

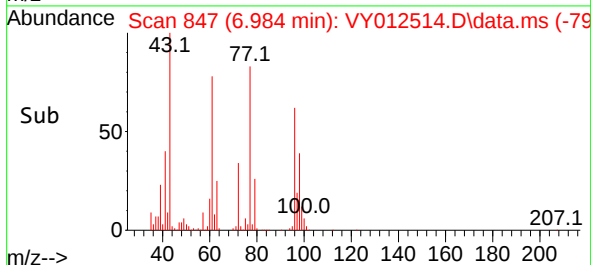
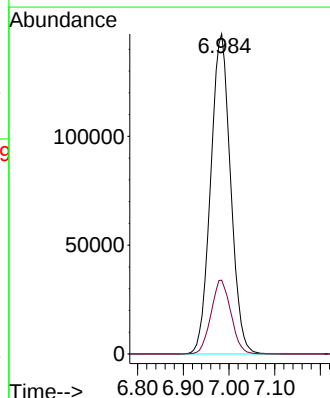
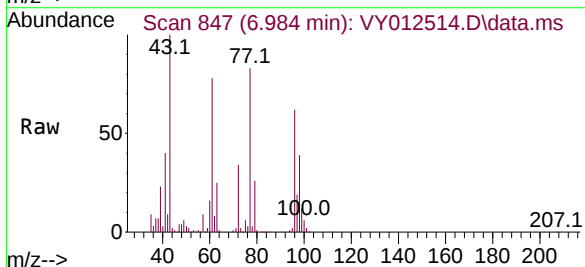
Acq: 07 Feb 2023 12:11

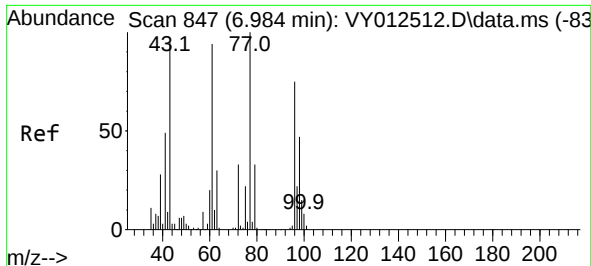
Tgt Ion: 77 Resp: 444623

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.1

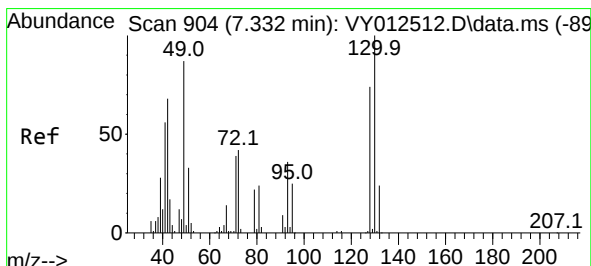
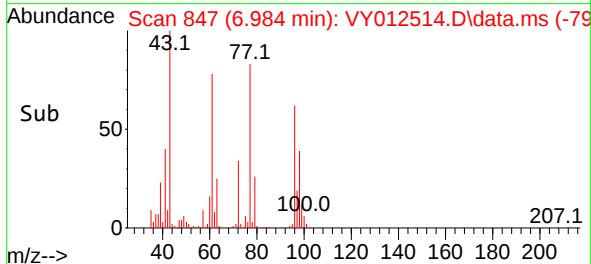
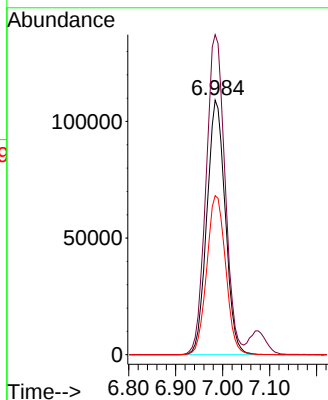
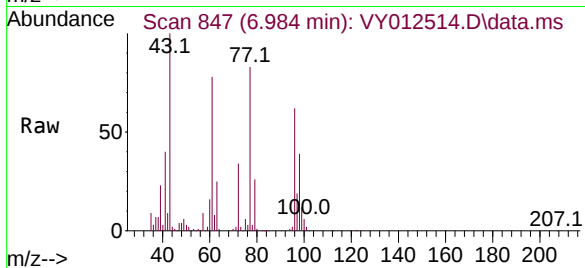




#27
 cis-1,2-Dichloroethene
 Concen: 150.199 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY012514.D
 Acq: 07 Feb 2023 12:11

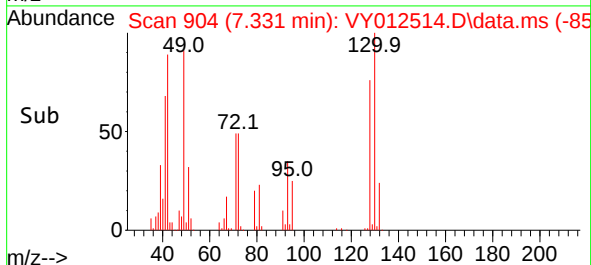
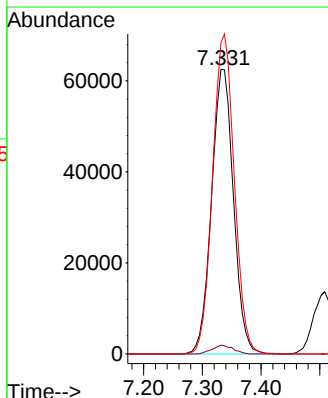
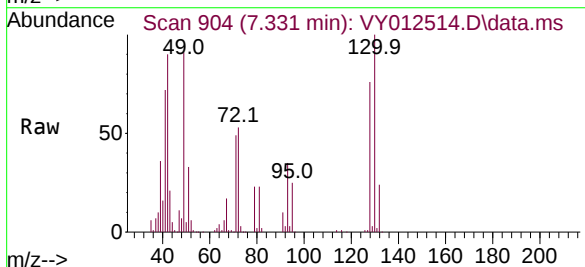
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

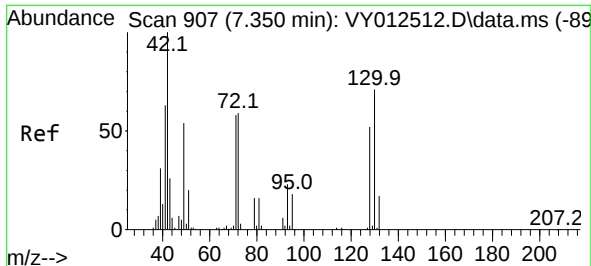
Tgt Ion: 96 Resp: 296285
 Ion Ratio Lower Upper
 96 100
 61 129.7 0.0 259.2
 98 64.2 0.0 129.0



#28
 Bromochloromethane
 Concen: 161.410 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012514.D
 Acq: 07 Feb 2023 12:11

Tgt Ion: 49 Resp: 162076
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 6.0
 130 111.5 93.1 139.7





#29

Tetrahydrofuran

Concen: 856.239 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

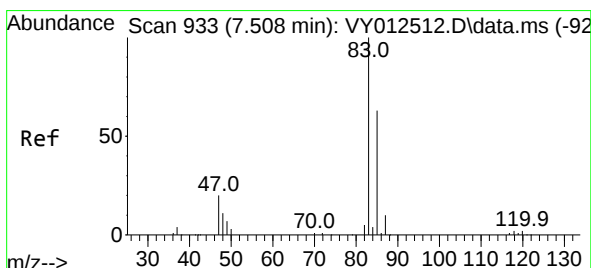
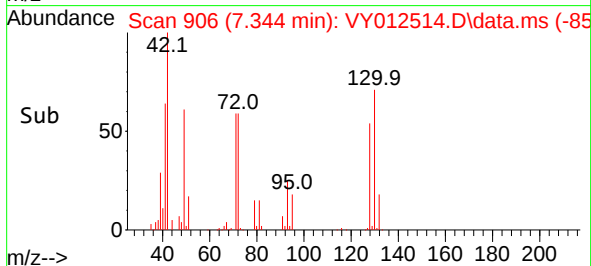
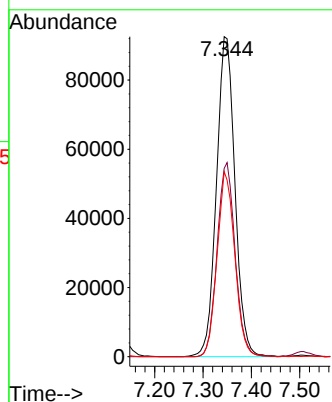
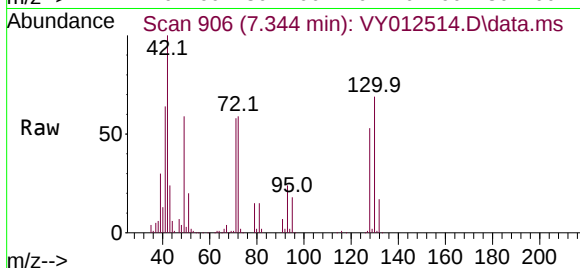
Tgt Ion: 42 Resp: 246100

Ion Ratio Lower Upper

42 100

72 59.0 47.0 70.6

71 55.2 44.6 66.8



#30

Chloroform

Concen: 144.535 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY012514.D

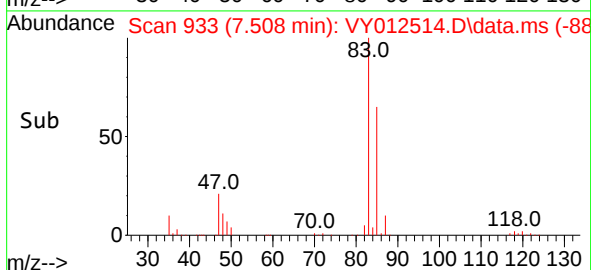
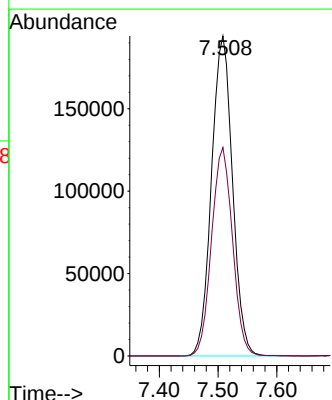
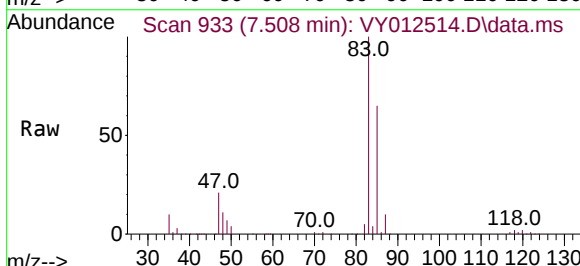
Acq: 07 Feb 2023 12:11

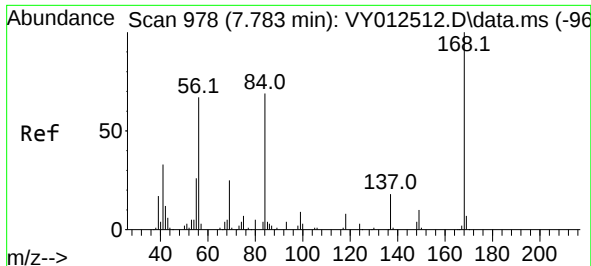
Tgt Ion: 83 Resp: 481370

Ion Ratio Lower Upper

83 100

85 65.2 50.8 76.2

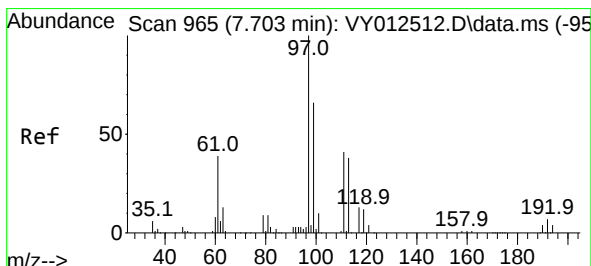
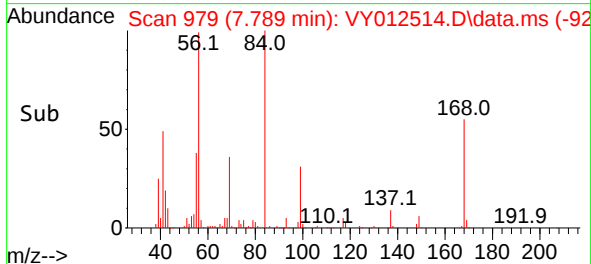
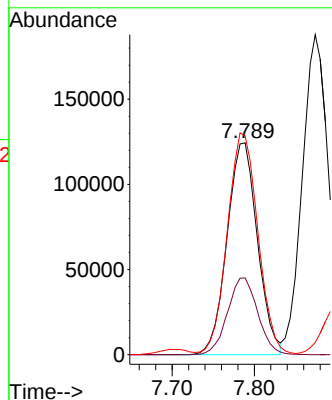
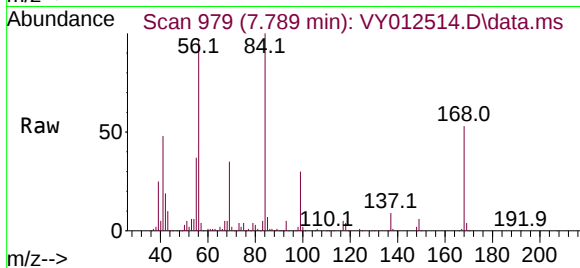




#31
Cyclohexane
Concen: 139.005 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

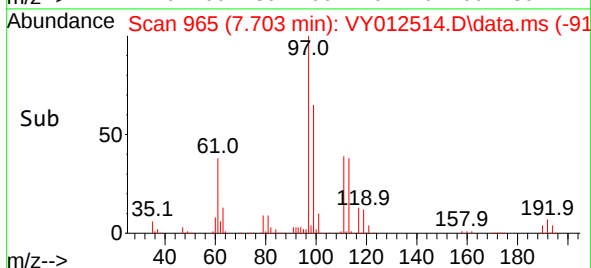
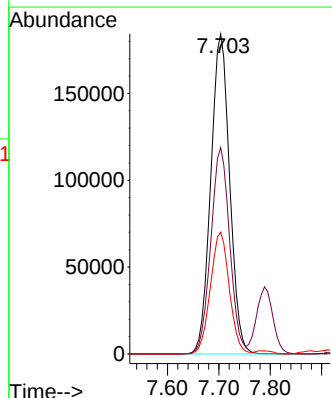
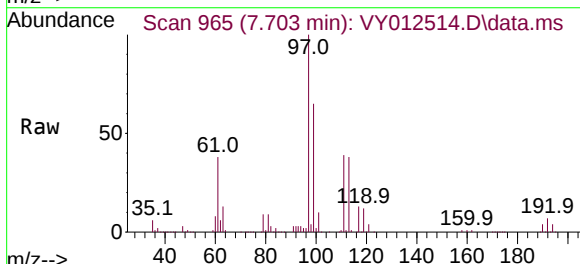
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

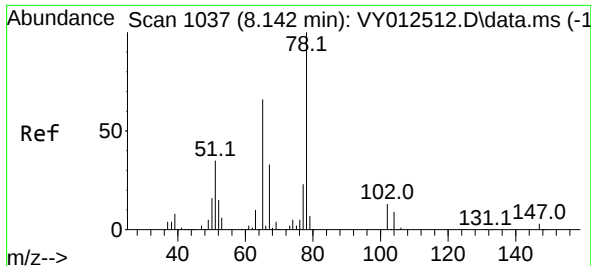
Tgt Ion: 56 Resp: 319966
Ion Ratio Lower Upper
56 100
69 36.3 29.5 44.3
84 100.8 81.9 122.9



#32
1,1,1-Trichloroethane
Concen: 145.563 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 97 Resp: 470439
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 38.2 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 148.757 ug/l

RT: 8.142 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

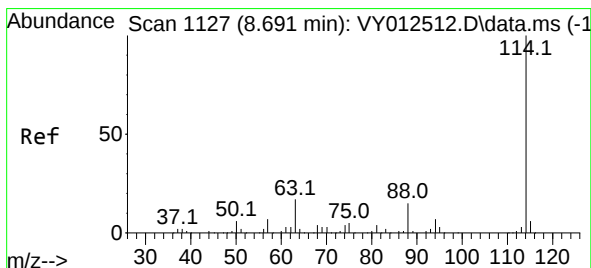
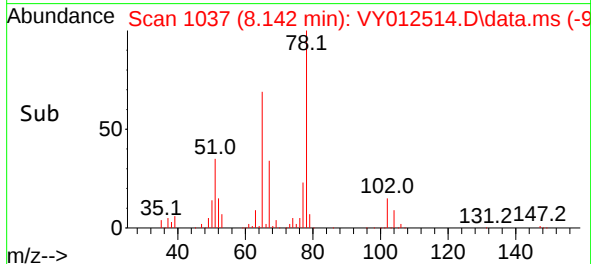
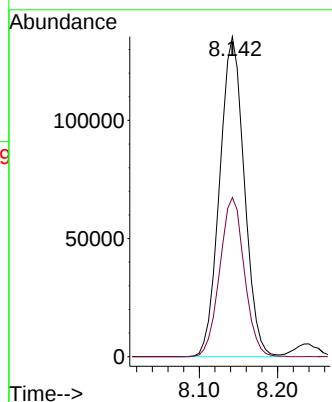
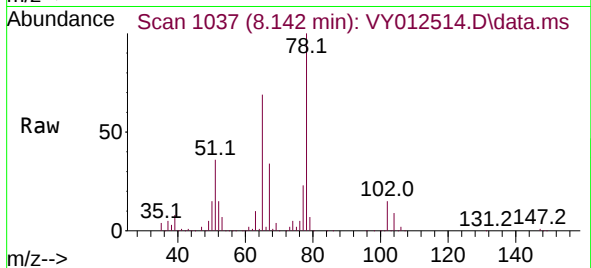
VSTDIC150

Tgt Ion: 65 Resp: 296160

Ion Ratio Lower Upper

65 100

67 49.6 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

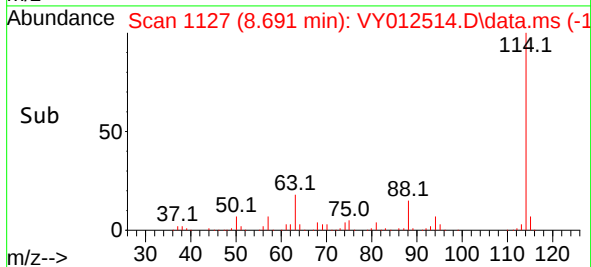
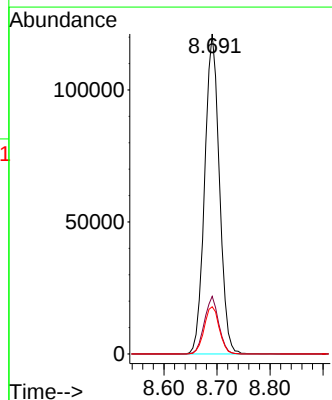
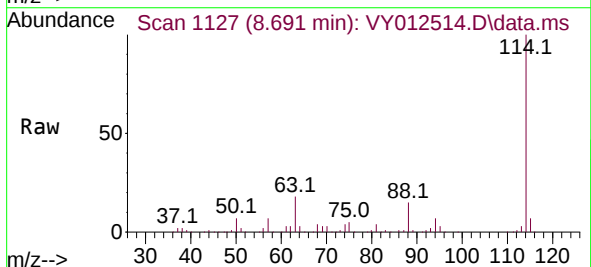
Tgt Ion: 114 Resp: 232922

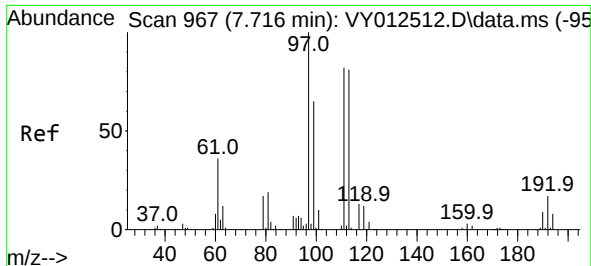
Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.6

88 14.7 0.0 29.8

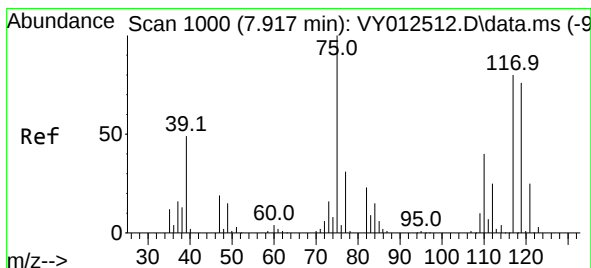
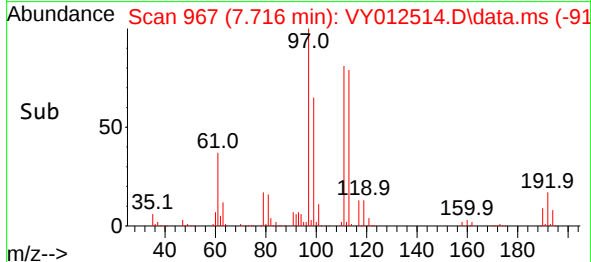
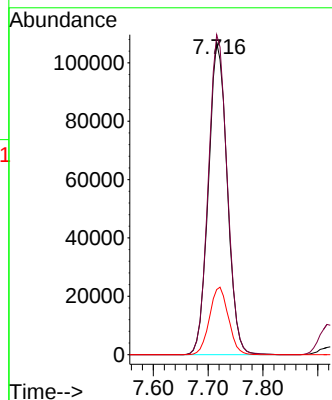
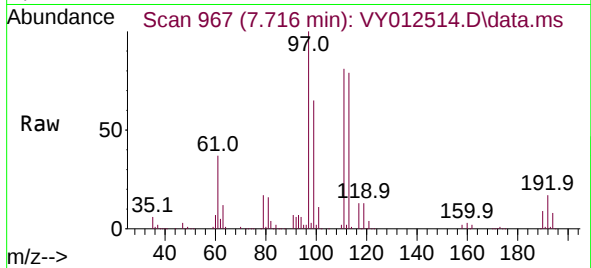




#35
Dibromofluoromethane
Concen: 149.677 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

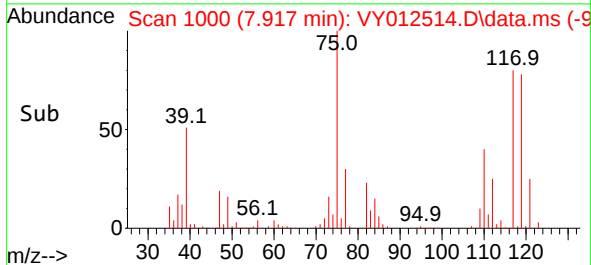
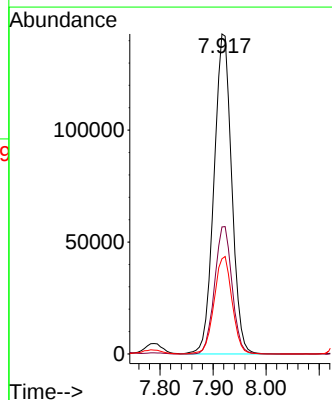
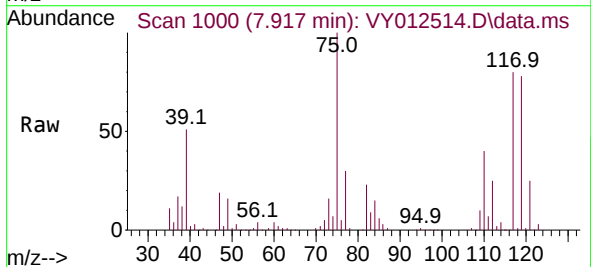
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

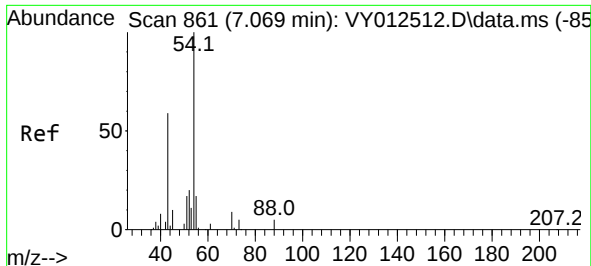
Tgt Ion:113 Resp: 253893
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 21.7 17.5 26.3



#36
1,1-Dichloropropene
Concen: 144.621 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 75 Resp: 332015
Ion Ratio Lower Upper
75 100
110 39.2 19.5 58.5
77 30.9 24.9 37.3

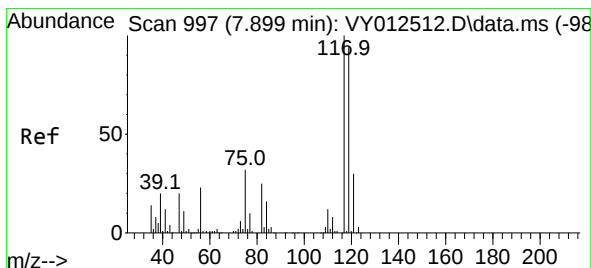
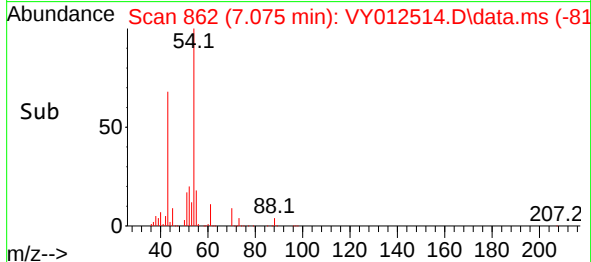
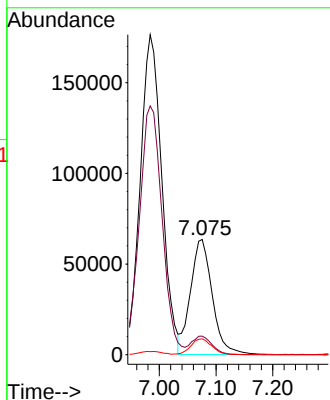
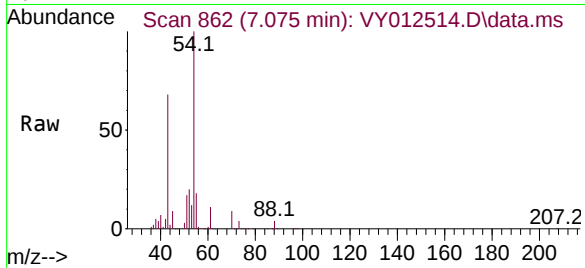




#37
Ethyl Acetate
Concen: 164.110 ug/l
RT: 7.075 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

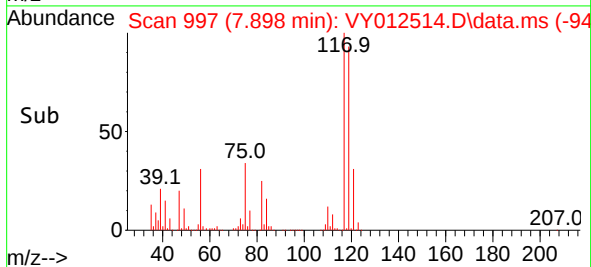
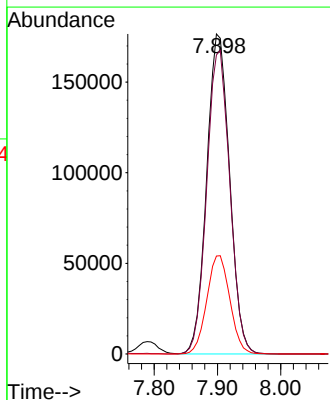
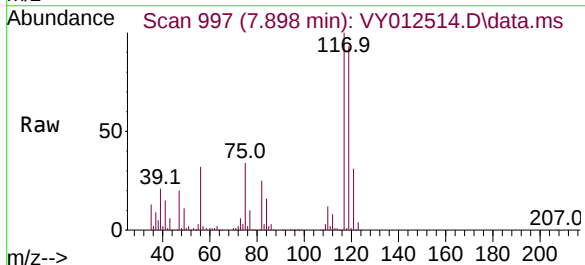
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

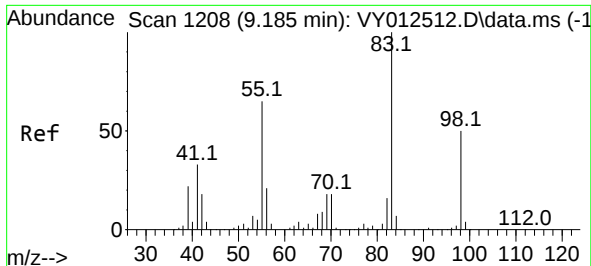
Tgt Ion: 43 Resp: 170003
Ion Ratio Lower Upper
43 100
61 15.3 12.5 18.7
70 13.3 11.0 16.4



#38
Carbon Tetrachloride
Concen: 144.157 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 117 Resp: 444252
Ion Ratio Lower Upper
117 100
119 93.5 75.1 112.7
121 30.6 24.3 36.5





#39

Methylcyclohexane

Concen: 148.635 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

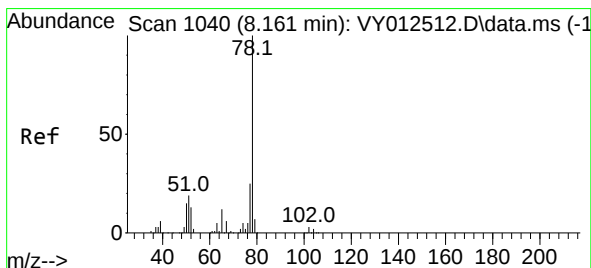
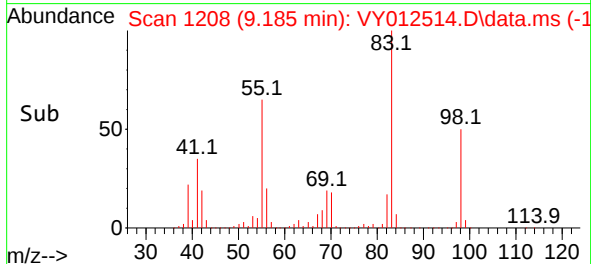
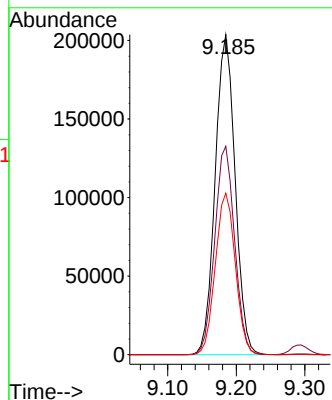
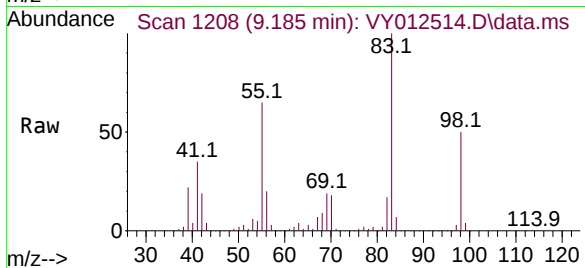
Tgt Ion: 83 Resp: 410604

Ion Ratio Lower Upper

83 100

55 65.1 52.0 78.0

98 50.5 40.4 60.6



#40

Benzene

Concen: 147.658 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012514.D

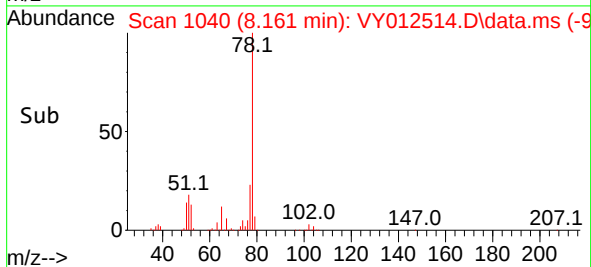
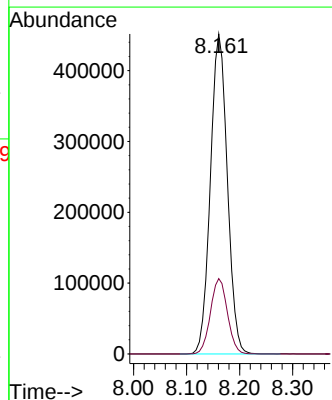
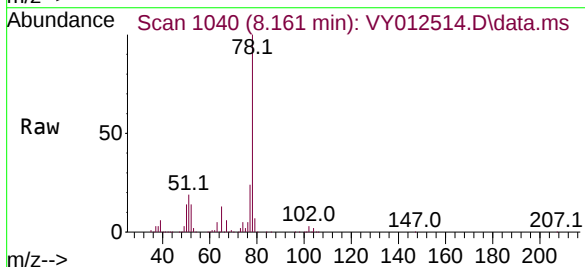
Acq: 07 Feb 2023 12:11

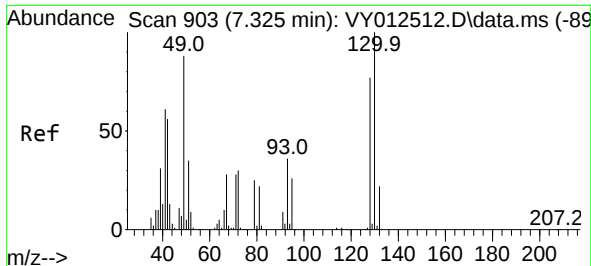
Tgt Ion: 78 Resp: 1001221

Ion Ratio Lower Upper

78 100

77 23.5 19.9 29.9

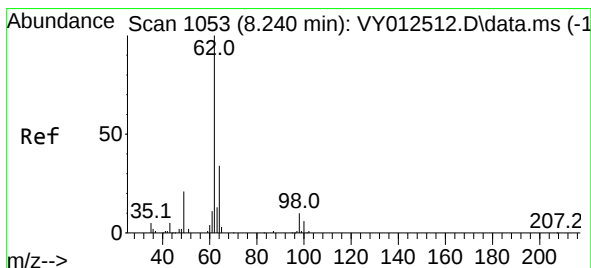
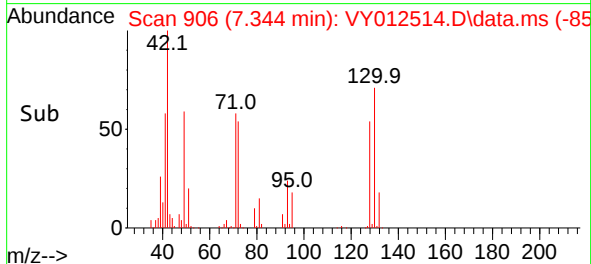
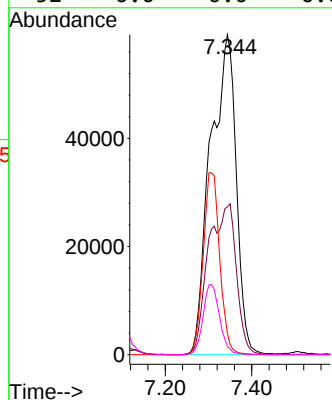
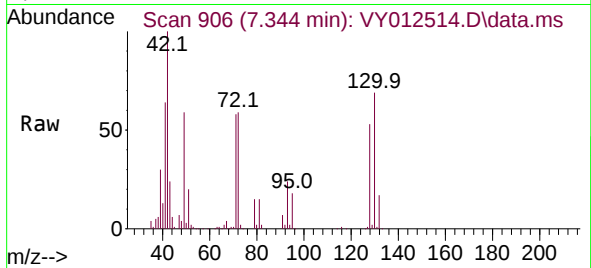




#41
Methacrylonitrile
Concen: 430.177 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

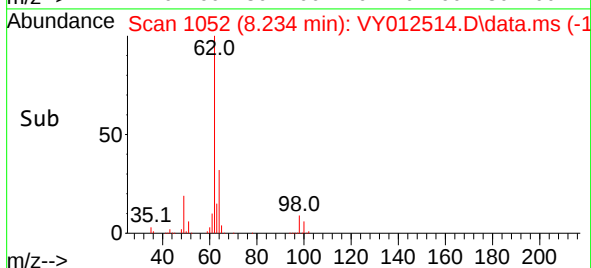
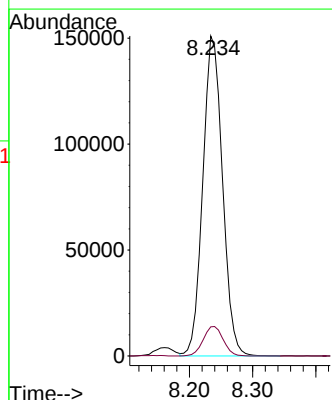
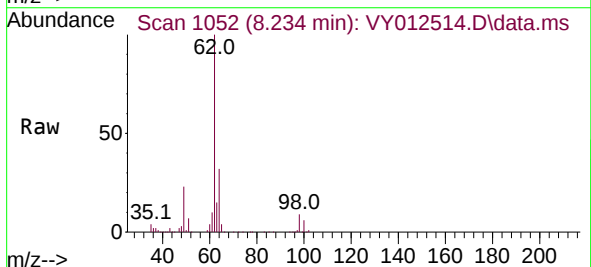
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

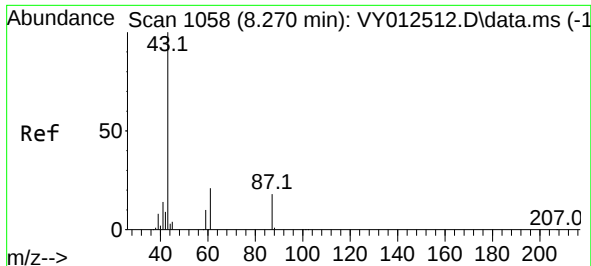
Tgt Ion: 41 Resp: 244092
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 149.130 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 62 Resp: 327752
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.2

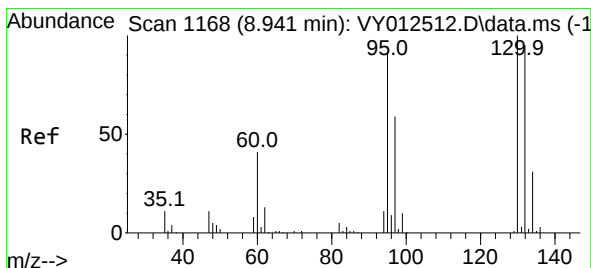
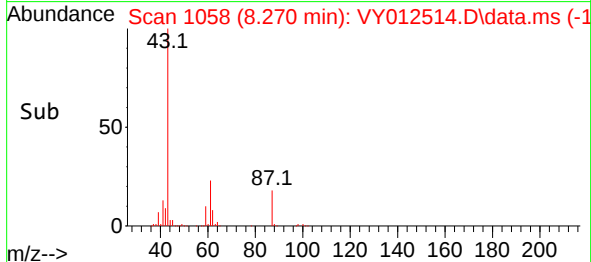
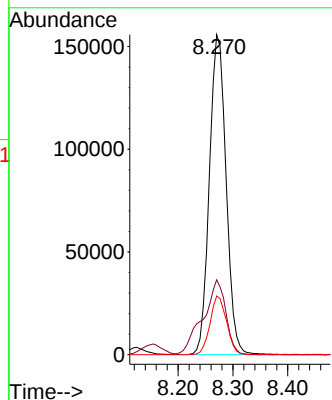
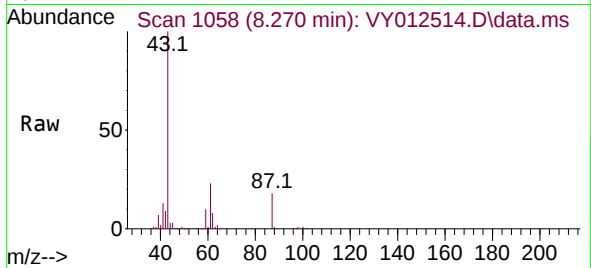




#43
Isopropyl Acetate
Concen: 171.028 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

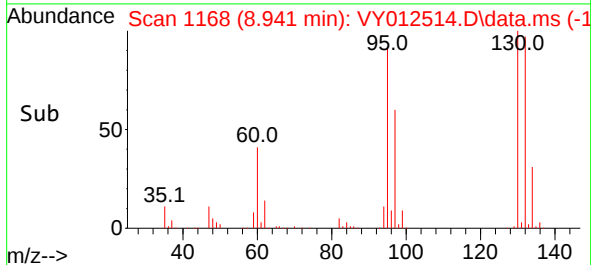
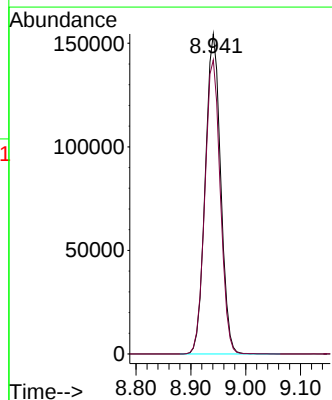
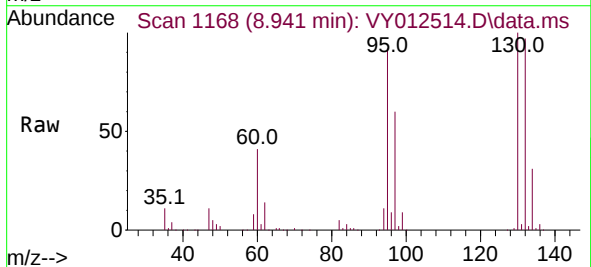
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

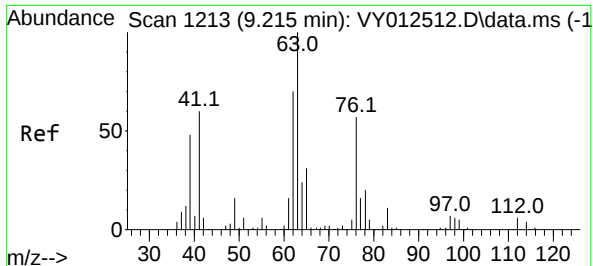
Tgt Ion: 43 Resp: 328489
Ion Ratio Lower Upper
43 100
61 32.0 27.2 40.8
87 18.1 15.0 22.4



#44
Trichloroethene
Concen: 145.147 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion:130 Resp: 299601
Ion Ratio Lower Upper
130 100
95 91.9 0.0 181.2





#45

1,2-Dichloropropane

Concen: 150.774 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

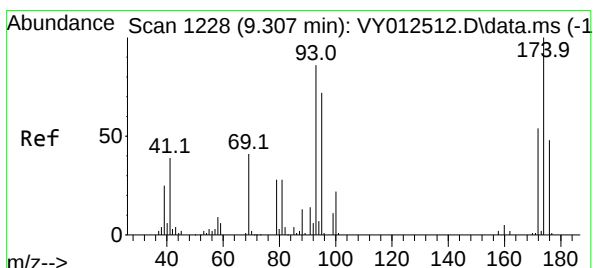
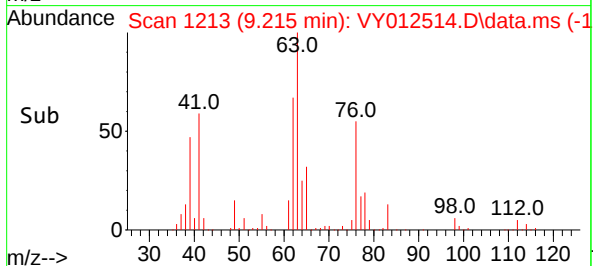
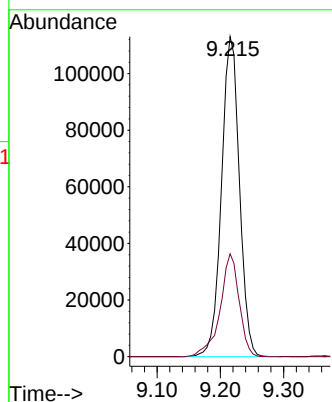
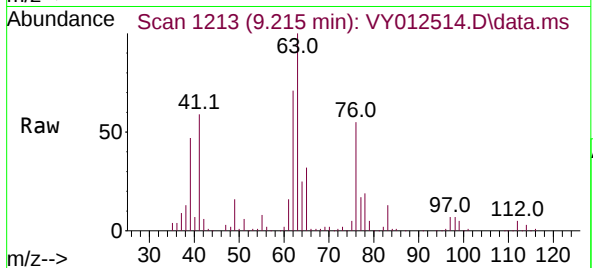
VSTDIC150

Tgt Ion: 63 Resp: 221684

Ion Ratio Lower Upper

63 100

65 32.1 24.6 37.0



#46

Dibromomethane

Concen: 150.138 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

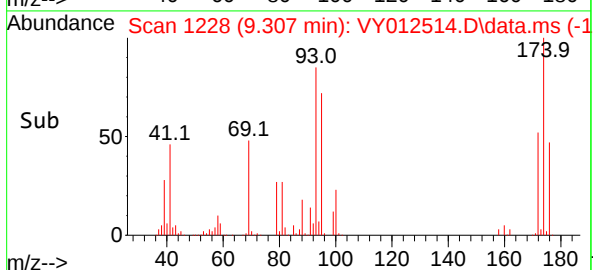
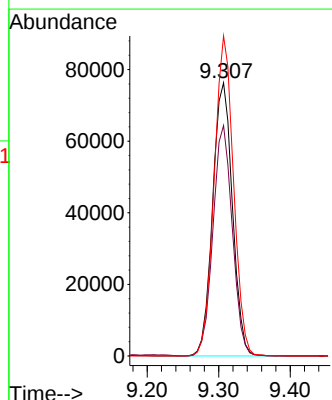
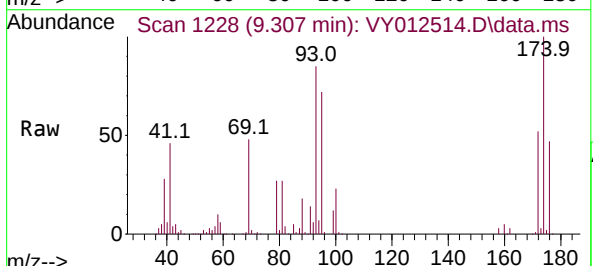
Tgt Ion: 93 Resp: 146166

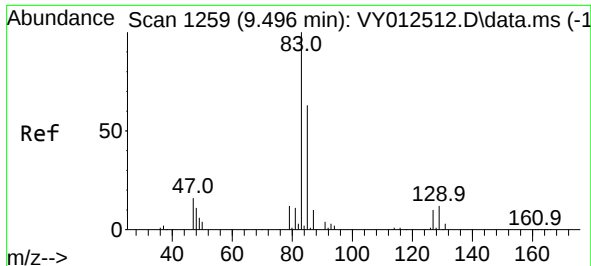
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.8

174 114.8 93.4 140.2

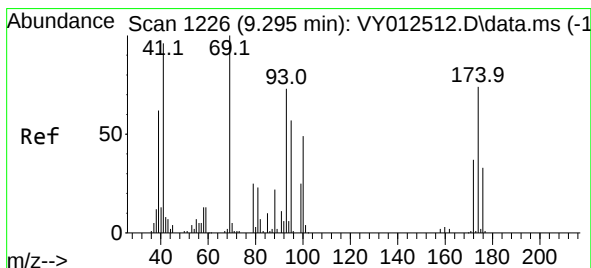
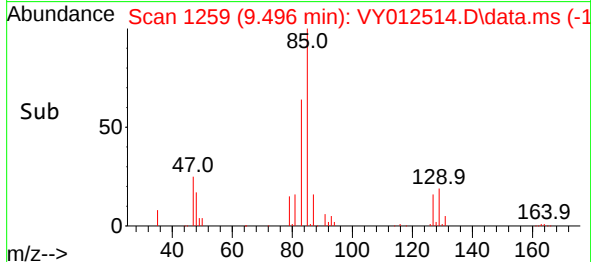
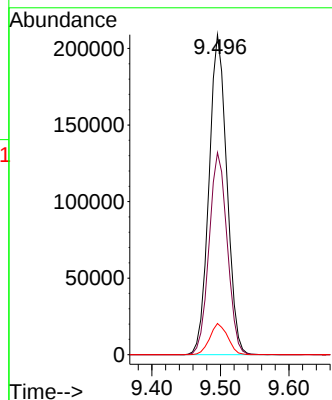
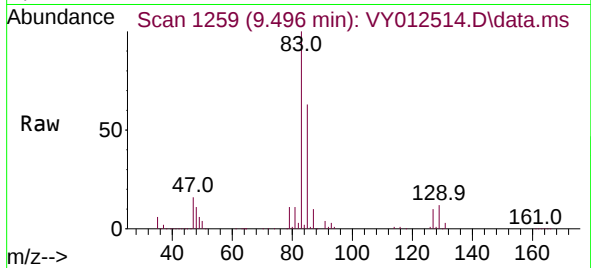




#47
Bromodichloromethane
Concen: 149.922 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

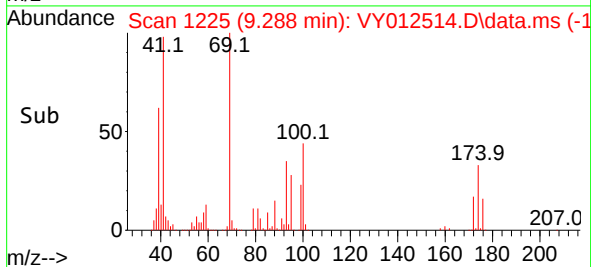
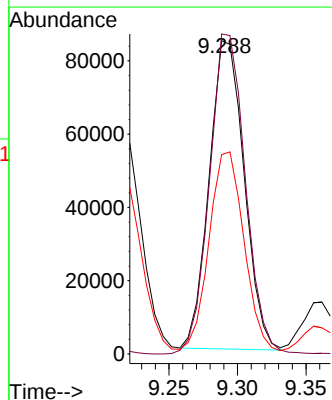
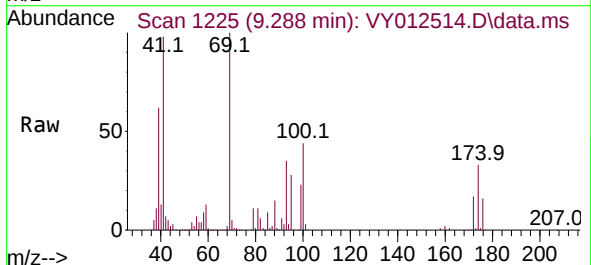
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

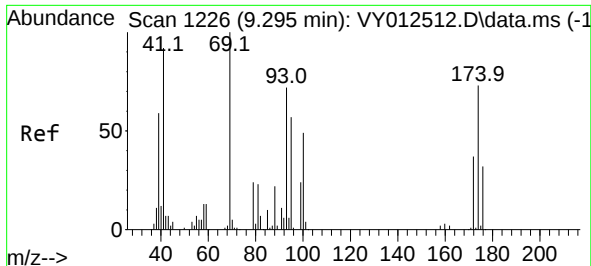
Tgt Ion: 83 Resp: 378441
Ion Ratio Lower Upper
83 100
85 63.1 50.7 76.1
127 9.8 8.1 12.1



#48
Methyl methacrylate
Concen: 170.225 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 41 Resp: 149445
Ion Ratio Lower Upper
41 100
69 106.5 85.4 128.2
39 64.1 52.7 79.1





#49

1,4-Dioxane

Concen: 3467.727 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

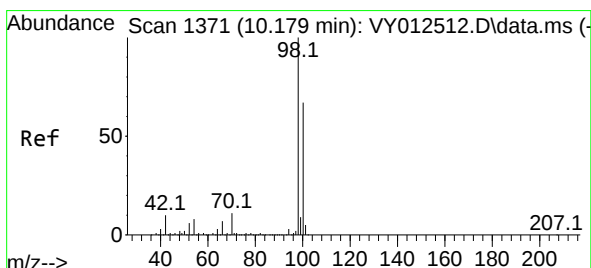
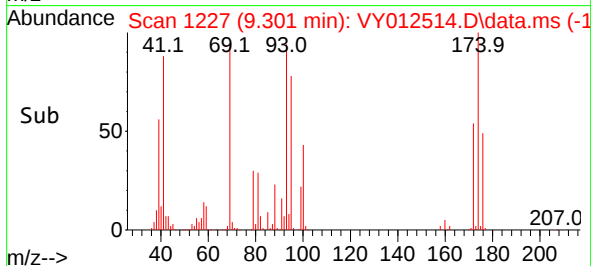
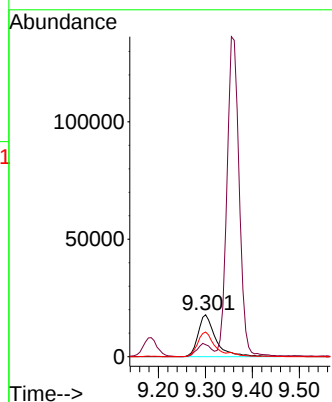
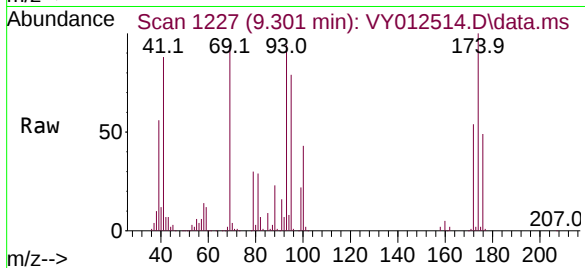
Tgt Ion: 88 Resp: 46604

Ion Ratio Lower Upper

88 100

43 24.4 22.6 33.8

58 60.7 45.4 68.0



#50

Toluene-d8

Concen: 150.291 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012514.D

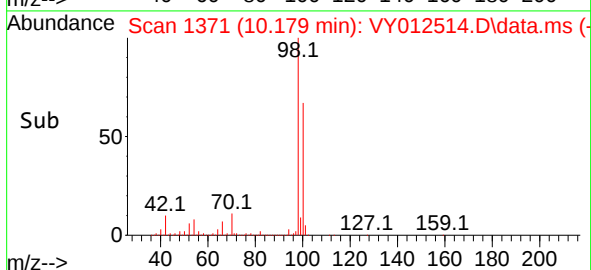
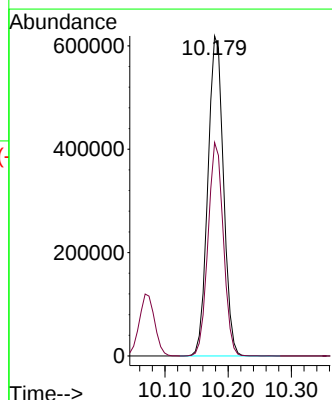
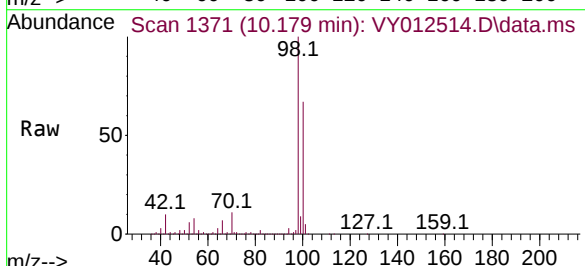
Acq: 07 Feb 2023 12:11

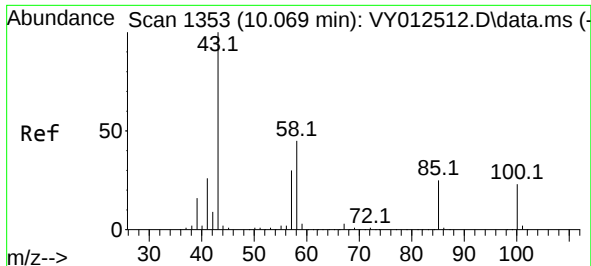
Tgt Ion: 98 Resp: 1061116

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2

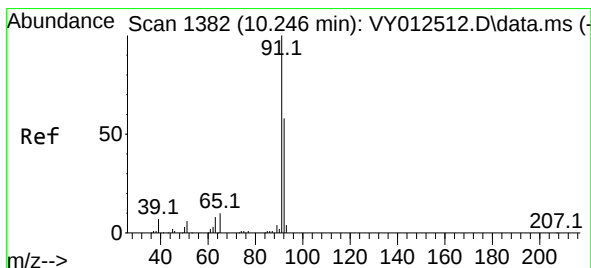
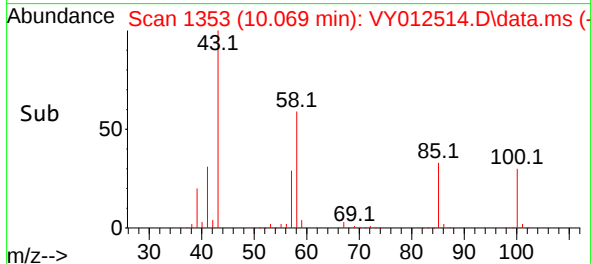
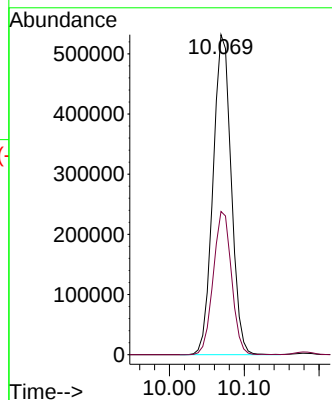
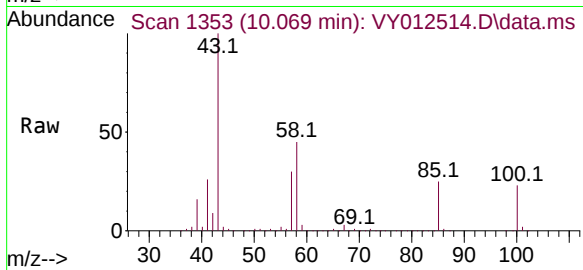




#51
4-Methyl-2-Pentanone
Concen: 866.301 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

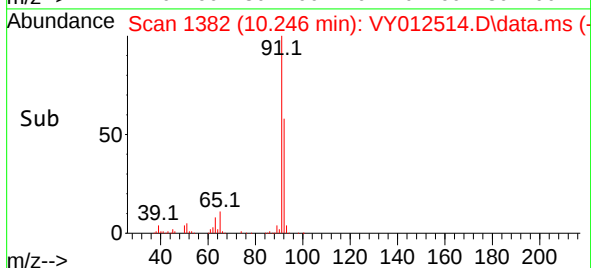
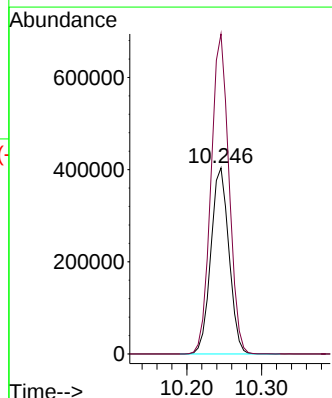
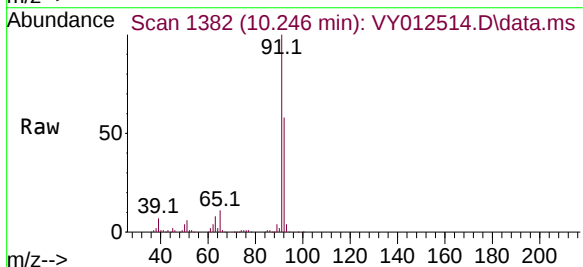
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

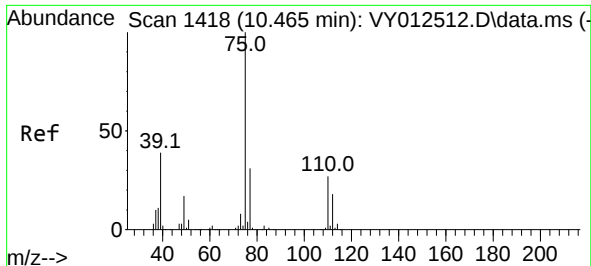
Tgt Ion: 43 Resp: 897714
Ion Ratio Lower Upper
43 100
58 45.0 36.2 54.2



#52
Toluene
Concen: 147.215 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 92 Resp: 676929
Ion Ratio Lower Upper
92 100
91 171.0 137.2 205.8

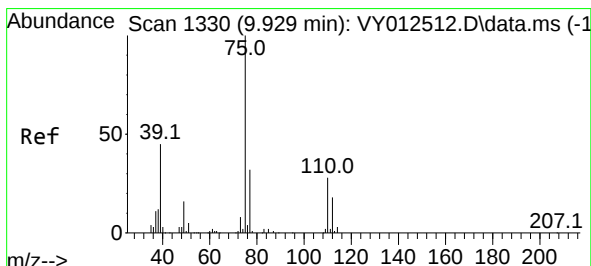
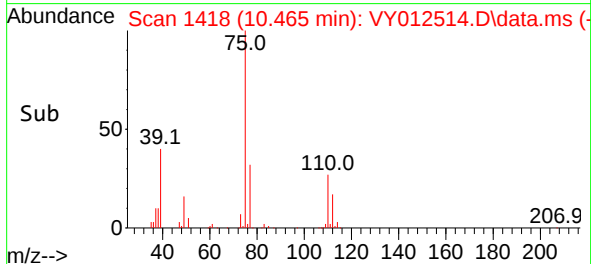
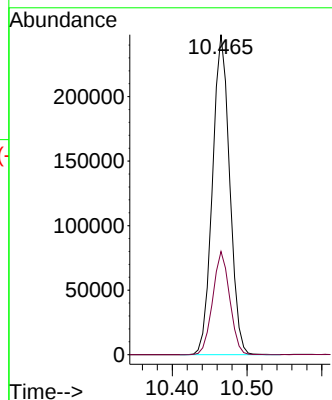
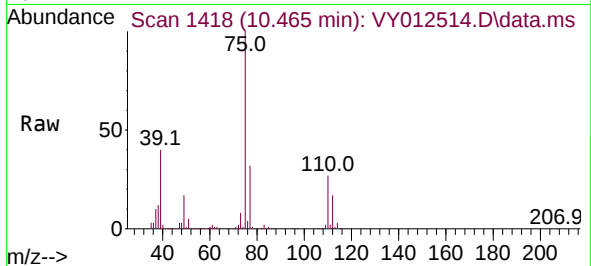




#53
t-1,3-Dichloropropene
Concen: 156.018 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

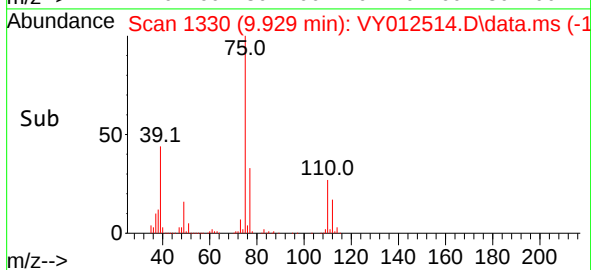
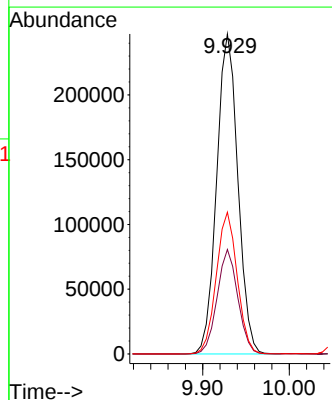
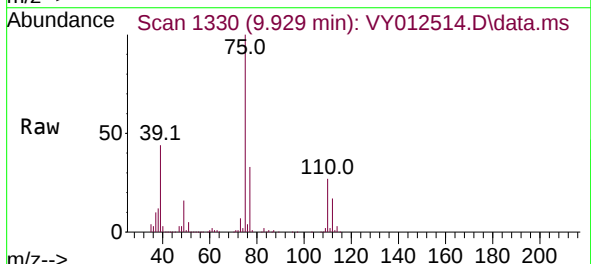
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

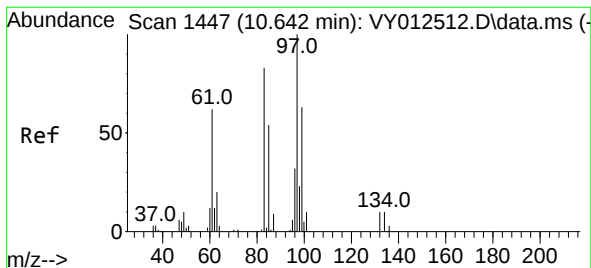
Tgt Ion: 75 Resp: 396850
Ion Ratio Lower Upper
75 100
77 32.2 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 152.526 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 75 Resp: 419843
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5
39 44.3 36.0 54.0





#55

1,1,2-Trichloroethane

Concen: 152.870 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 217461

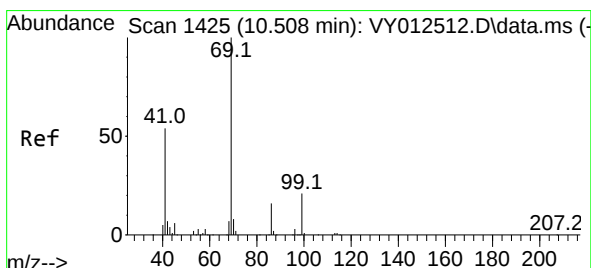
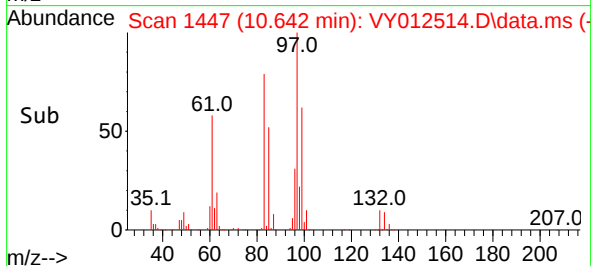
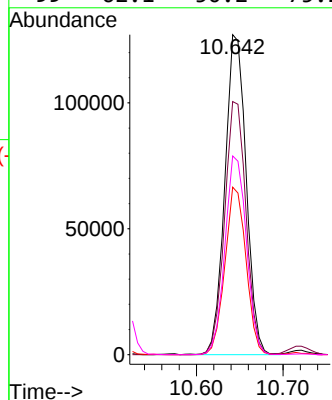
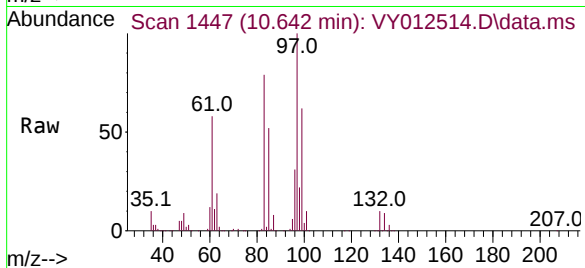
Ion Ratio Lower Upper

97 100

83 79.1 66.0 99.0

85 52.3 43.1 64.7

99 62.1 50.2 75.2



#56

Ethyl methacrylate

Concen: 168.966 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

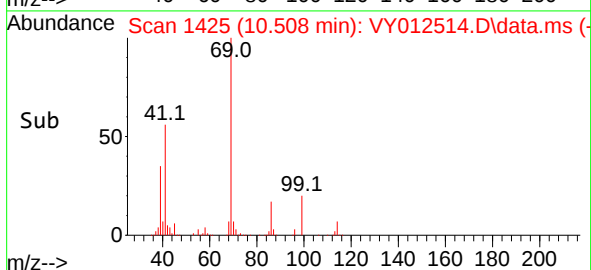
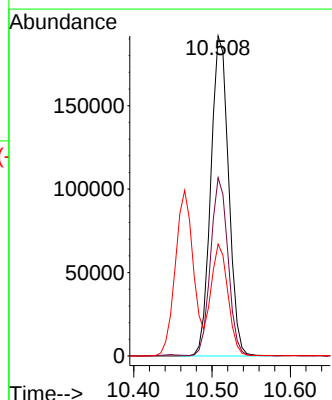
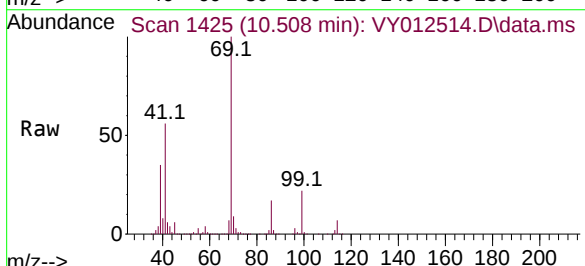
Tgt Ion: 69 Resp: 301980

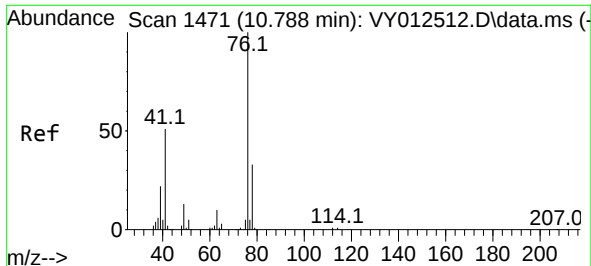
Ion Ratio Lower Upper

69 100

41 54.4 43.4 65.2

39 33.0 26.5 39.7





#57

1,3-Dichloropropane

Concen: 152.854 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

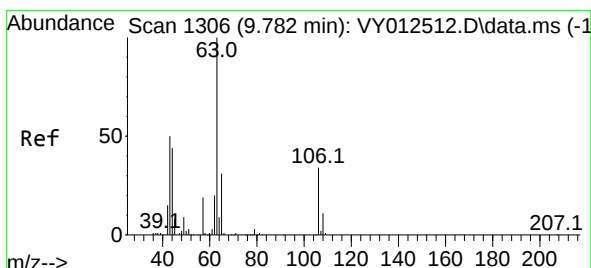
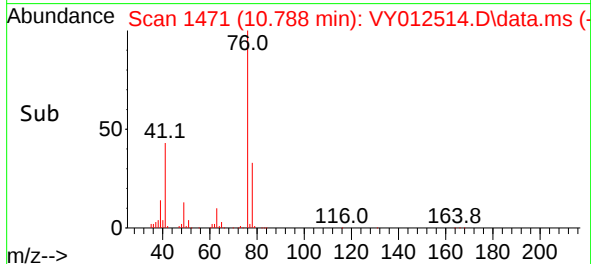
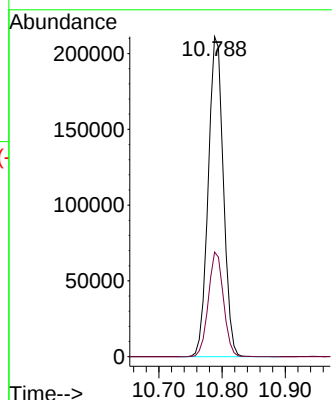
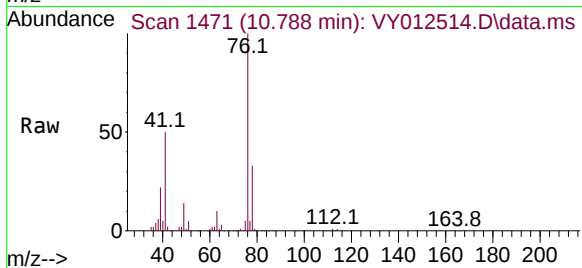
VSTDIC150

Tgt Ion: 76 Resp: 350927

Ion Ratio Lower Upper

76 100

78 32.7 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 835.664 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012514.D

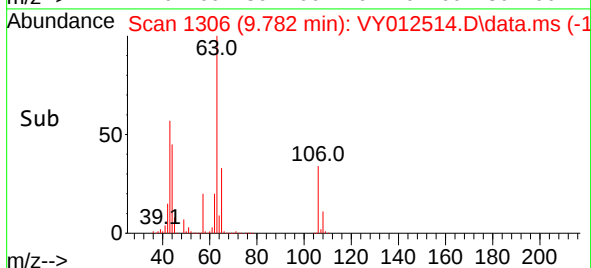
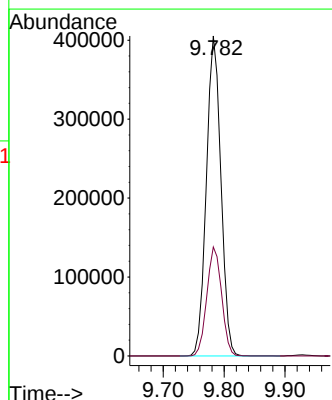
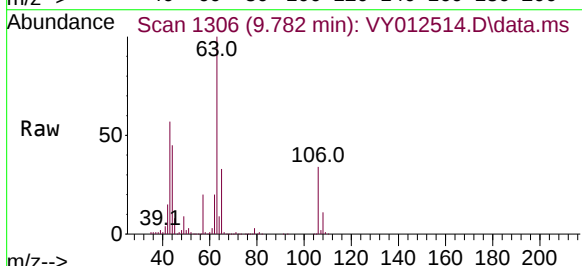
Acq: 07 Feb 2023 12:11

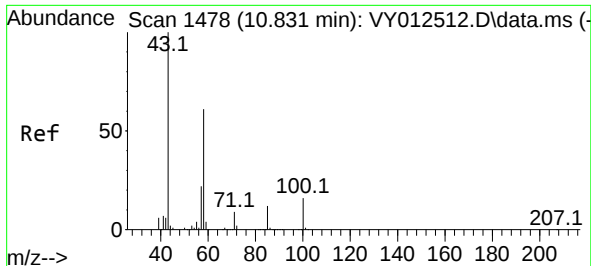
Tgt Ion: 63 Resp: 671303

Ion Ratio Lower Upper

63 100

106 34.6 28.0 42.0





#59

2-Hexanone

Concen: 897.701 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

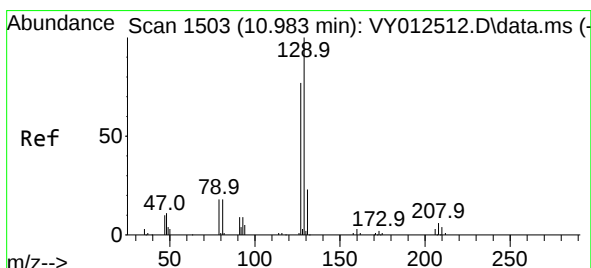
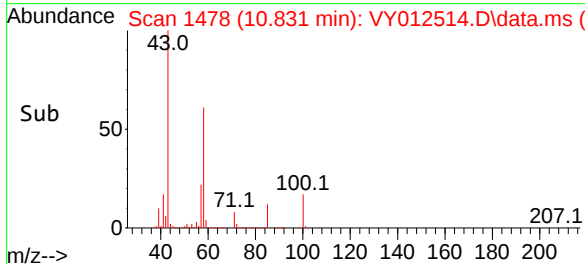
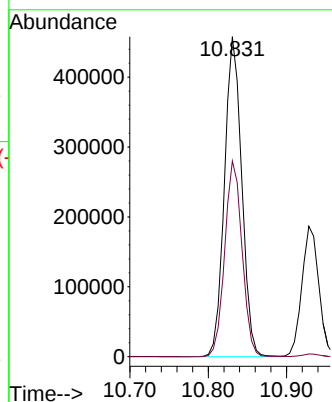
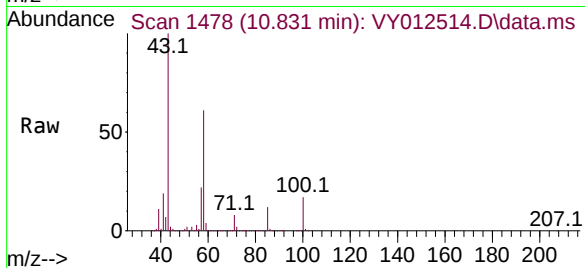
VSTDIC150

Tgt Ion: 43 Resp: 703005

Ion Ratio Lower Upper

43 100

58 61.3 30.9 92.5



#60

Dibromochloromethane

Concen: 152.523 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY012514.D

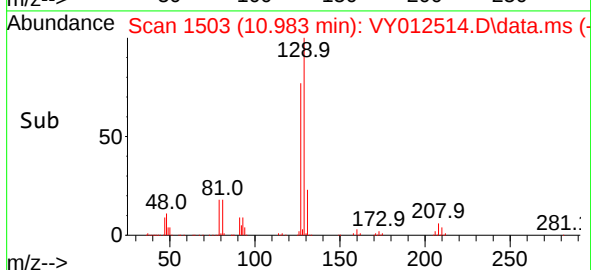
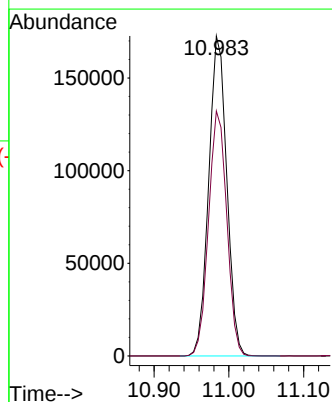
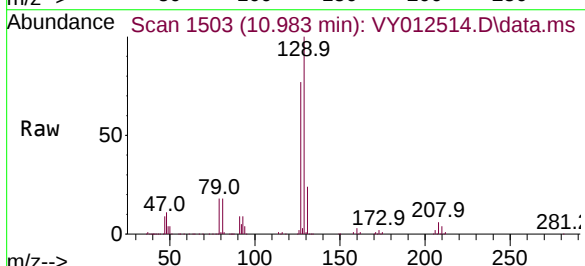
Acq: 07 Feb 2023 12:11

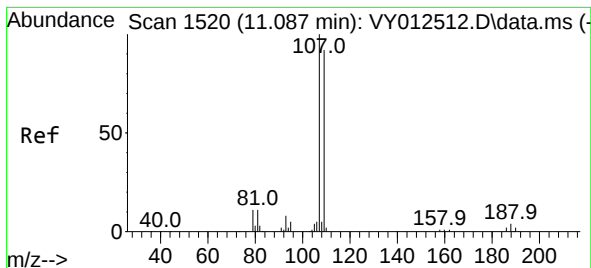
Tgt Ion: 129 Resp: 289219

Ion Ratio Lower Upper

129 100

127 77.3 38.0 114.1

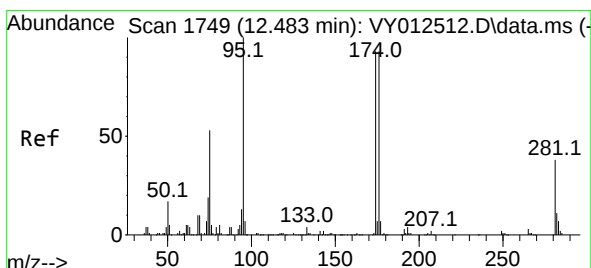
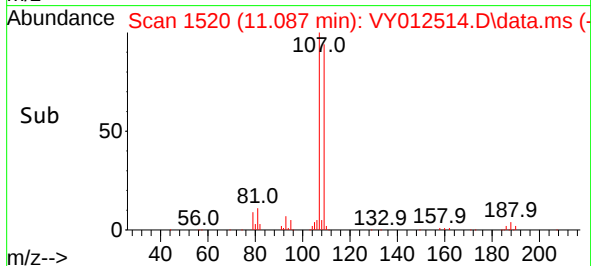
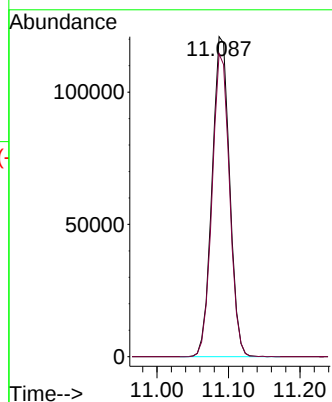
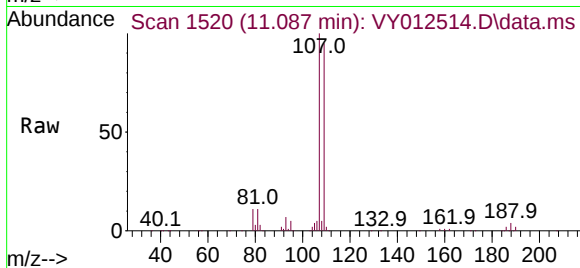




#61
1,2-Dibromoethane
Concen: 154.483 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

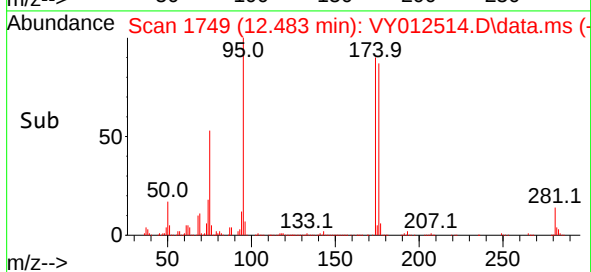
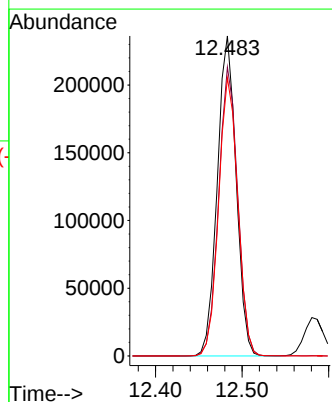
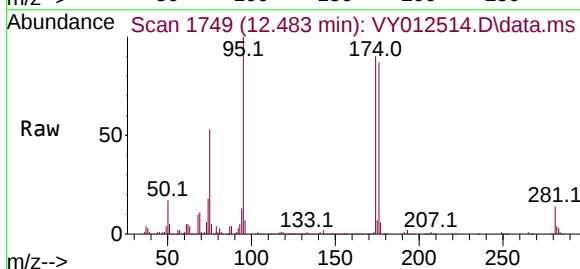
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

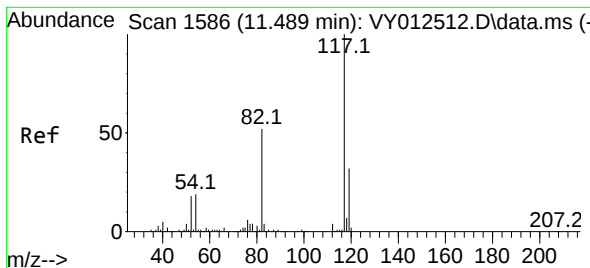
Tgt Ion:107 Resp: 205906
Ion Ratio Lower Upper
107 100
109 94.0 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 145.031 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 95 Resp: 357167
Ion Ratio Lower Upper
95 100
174 91.2 0.0 188.0
176 88.3 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

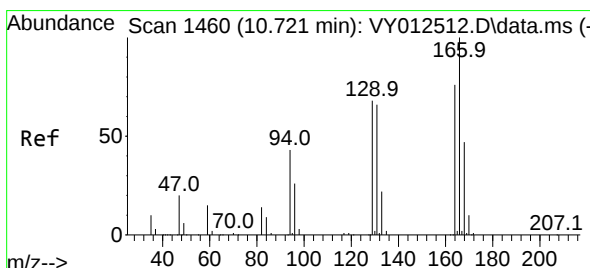
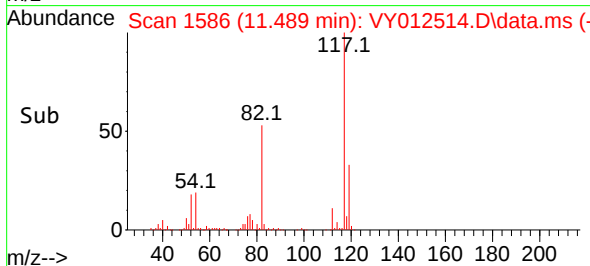
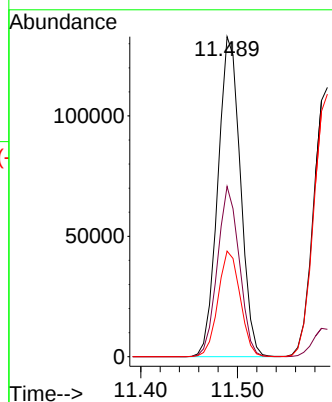
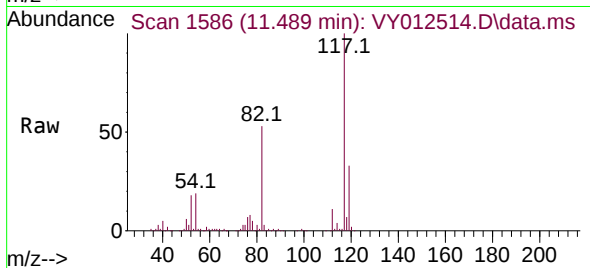
Tgt Ion:117 Resp: 214705

Ion Ratio Lower Upper

117 100

82 53.2 41.7 62.5

119 33.0 25.8 38.8



#64

Tetrachloroethene

Concen: 141.056 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Tgt Ion:164 Resp: 316179

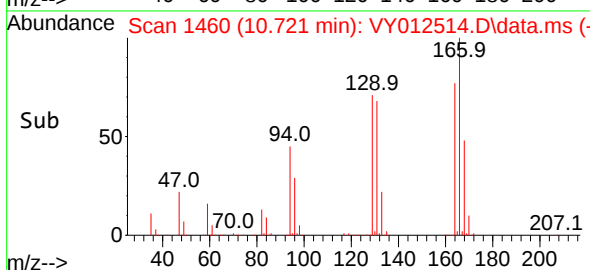
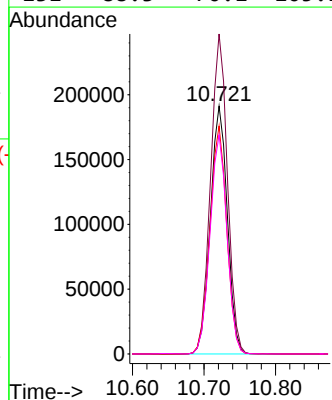
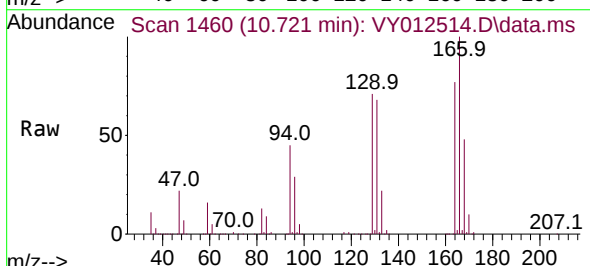
Ion Ratio Lower Upper

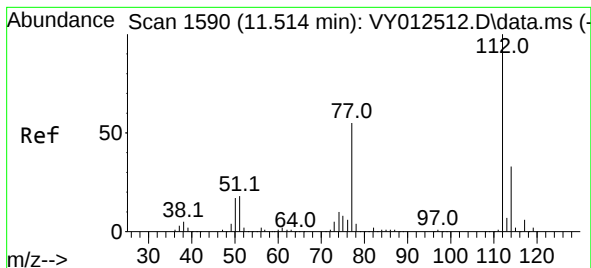
164 100

166 129.1 105.7 158.5

129 92.0 71.8 107.6

131 88.3 70.1 105.1





#65

Chlorobenzene

Concen: 146.212 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

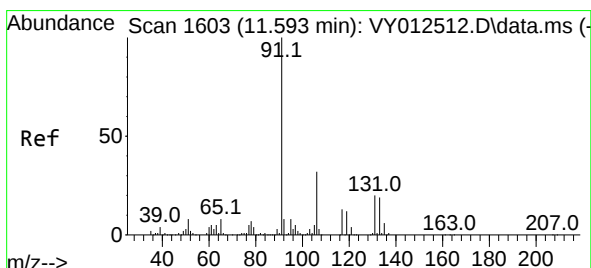
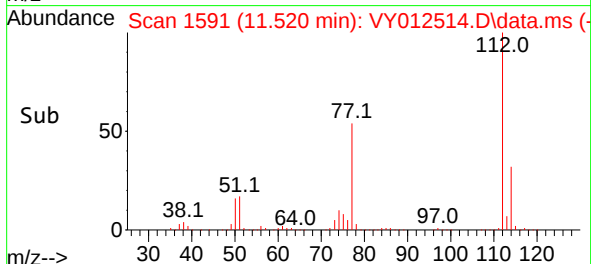
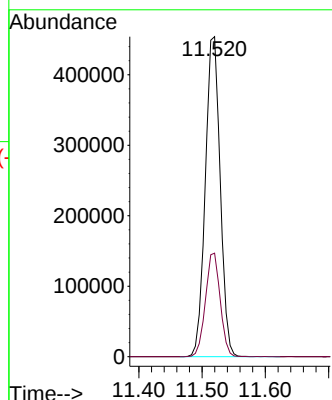
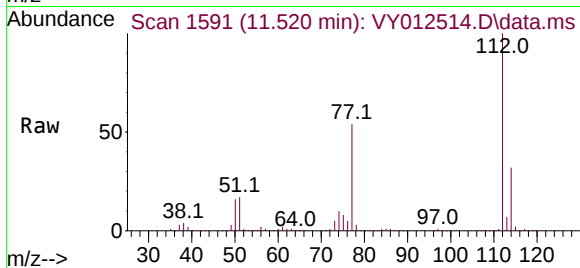
VSTDIC150

Tgt Ion:112 Resp: 744571

Ion Ratio Lower Upper

112 100

114 32.4 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 147.943 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

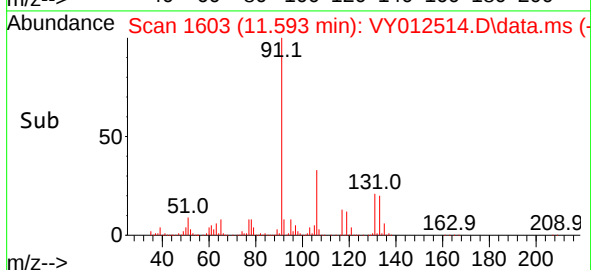
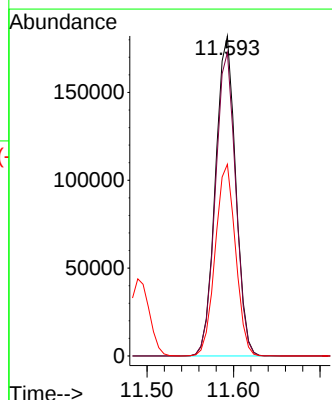
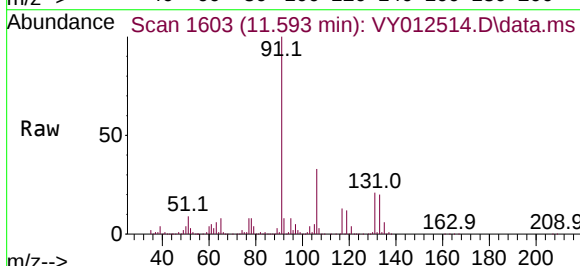
Tgt Ion:131 Resp: 295233

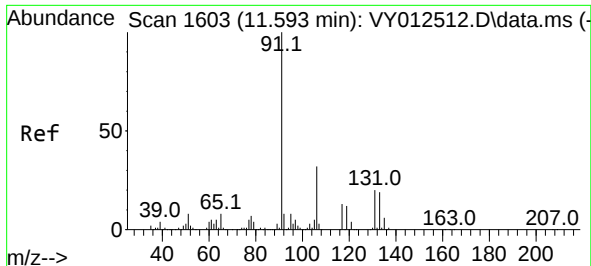
Ion Ratio Lower Upper

131 100

133 95.0 48.5 145.5

119 60.2 30.7 92.1

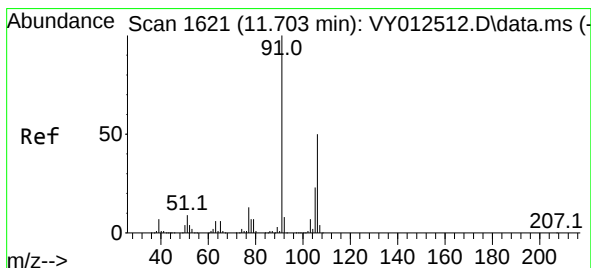
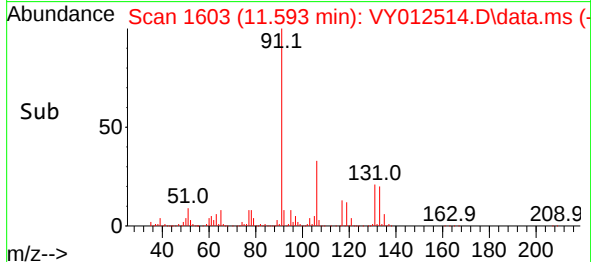
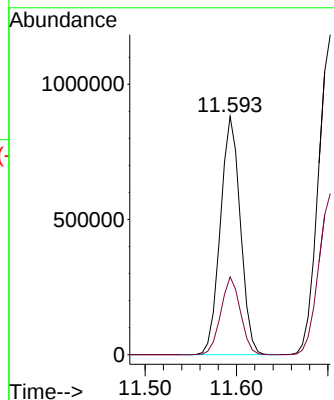
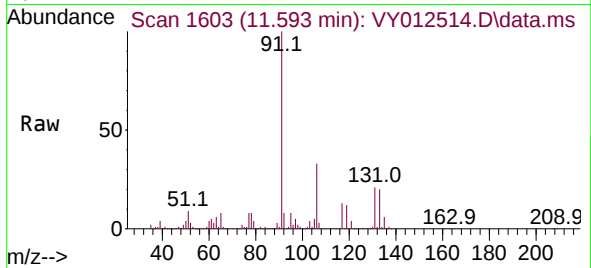




#67
Ethyl Benzene
Concen: 149.798 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

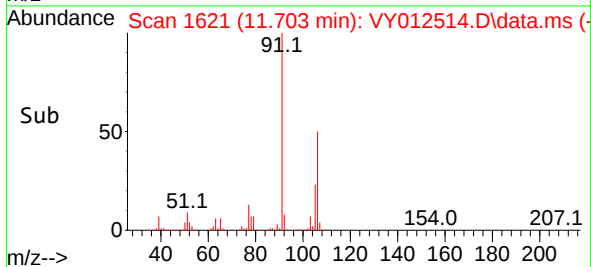
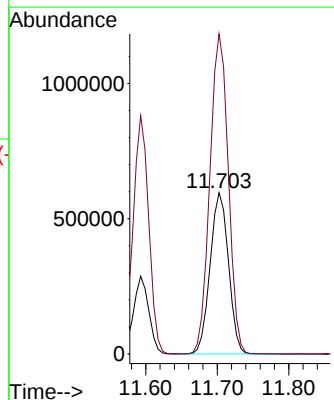
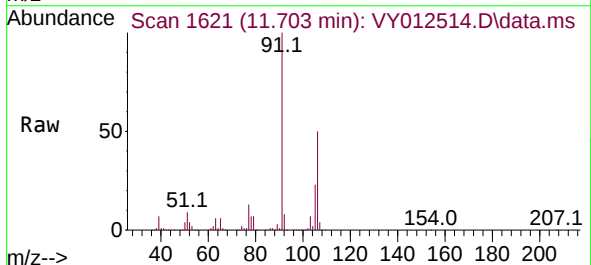
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

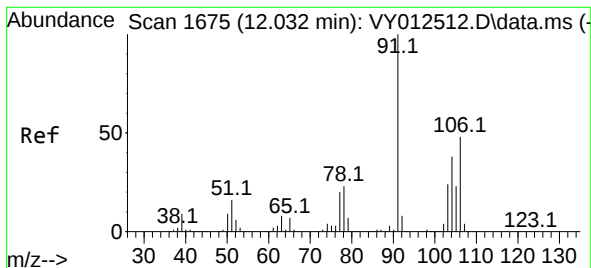
Tgt Ion: 91 Resp: 1339227
Ion Ratio Lower Upper
91 100
106 32.7 25.6 38.4



#68
m/p-Xylenes
Concen: 297.308 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion:106 Resp: 1060966
Ion Ratio Lower Upper
106 100
91 200.0 160.3 240.5





#69

o-Xylene

Concen: 150.181 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

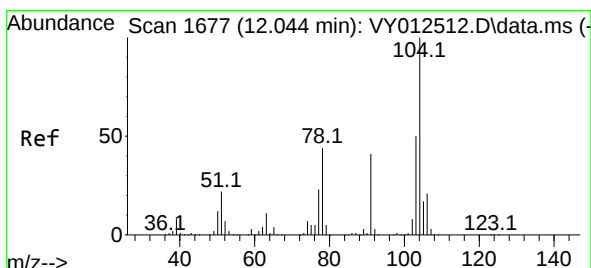
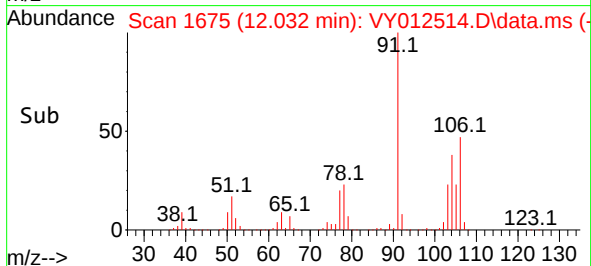
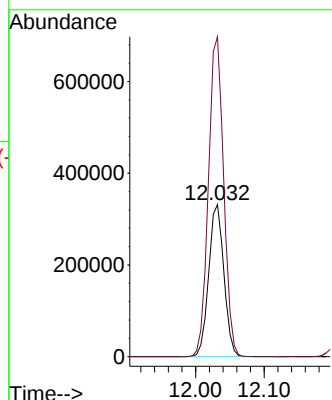
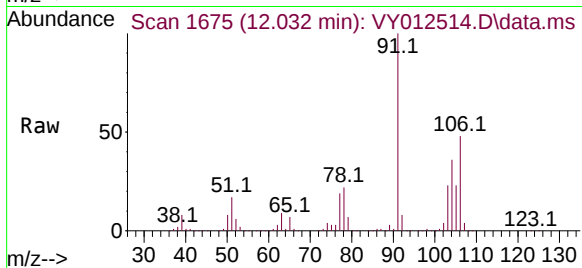
VSTDIC150

Tgt Ion:106 Resp: 510389

Ion Ratio Lower Upper

106 100

91 211.5 104.2 312.5



#70

Styrene

Concen: 151.023 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

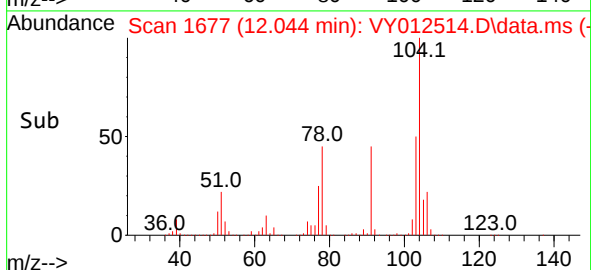
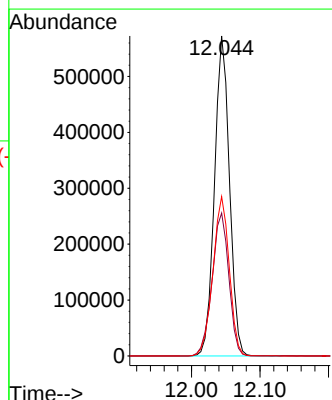
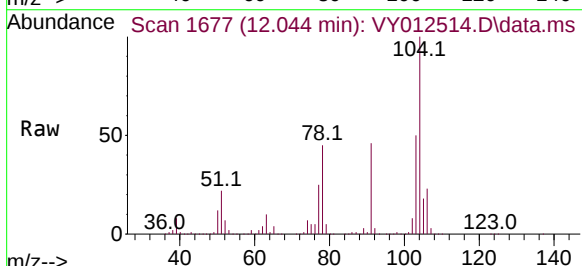
Tgt Ion:104 Resp: 870446

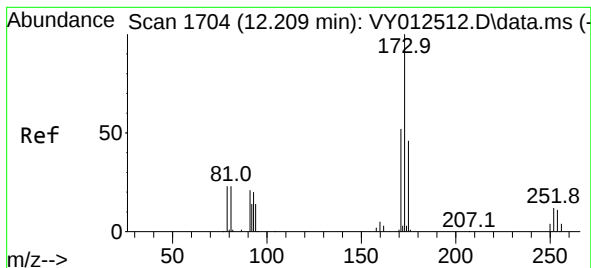
Ion Ratio Lower Upper

104 100

78 49.8 39.4 59.2

103 54.2 43.8 65.8





#71

Bromoform

Concen: 153.746 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

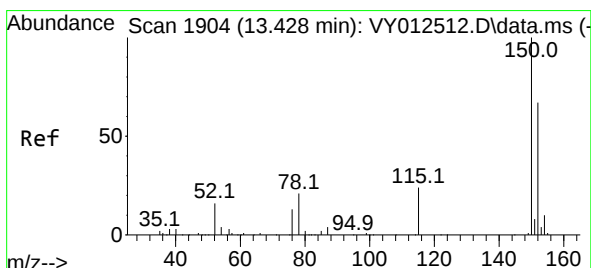
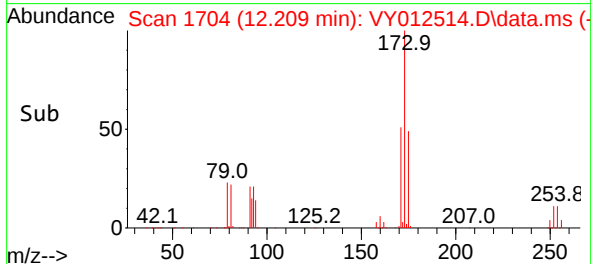
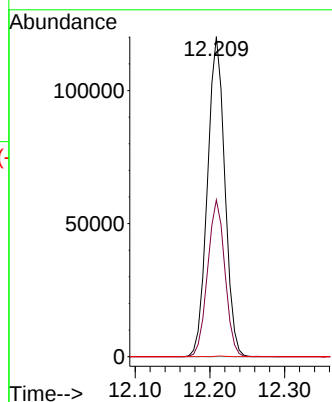
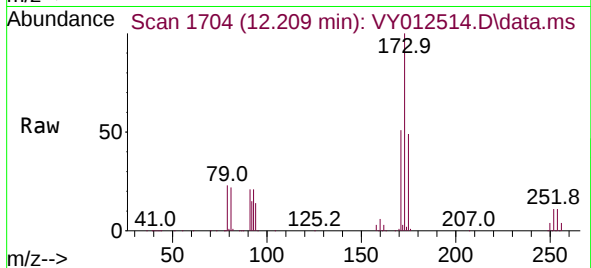
Tgt Ion:173 Resp: 193930

Ion Ratio Lower Upper

173 100

175 48.7 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

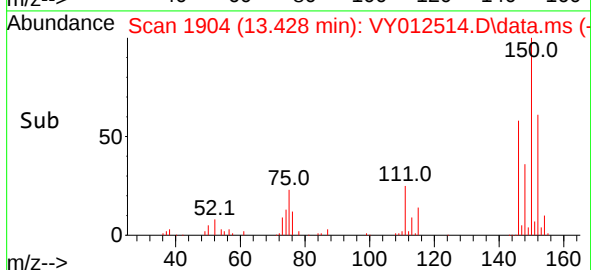
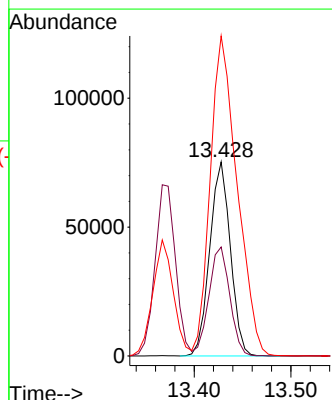
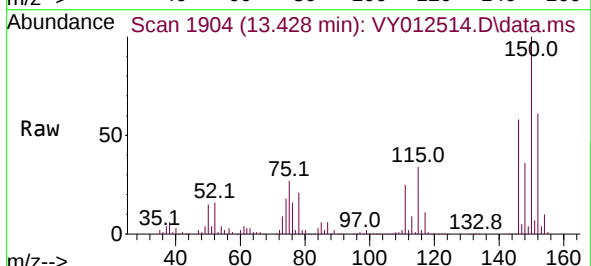
Tgt Ion:152 Resp: 111685

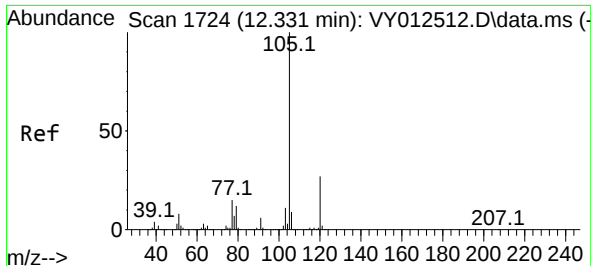
Ion Ratio Lower Upper

152 100

115 57.0 28.1 84.3

150 214.8 0.0 351.0

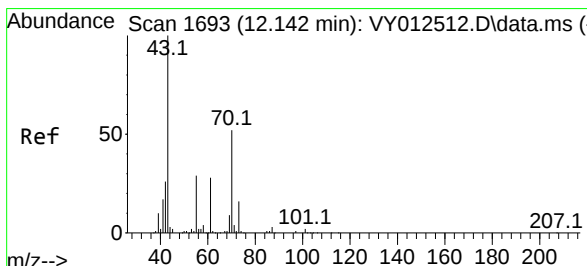
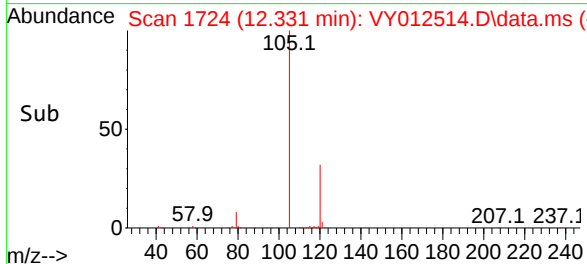
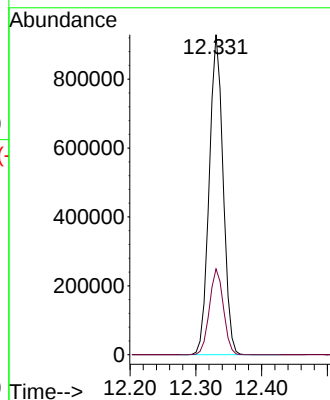
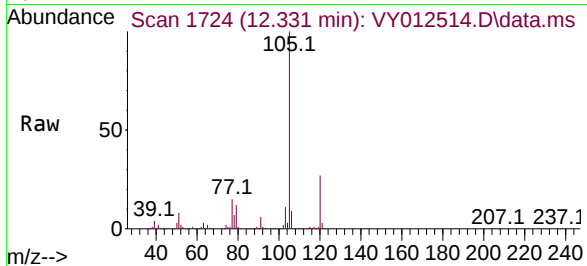




#73
Isopropylbenzene
Concen: 150.679 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

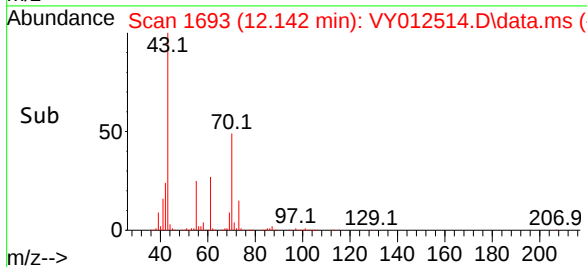
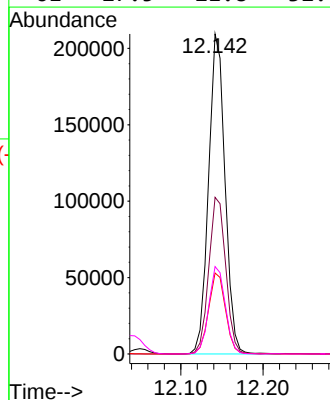
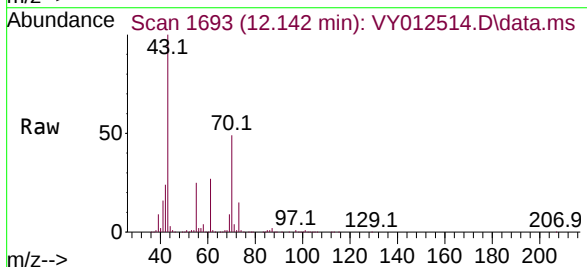
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

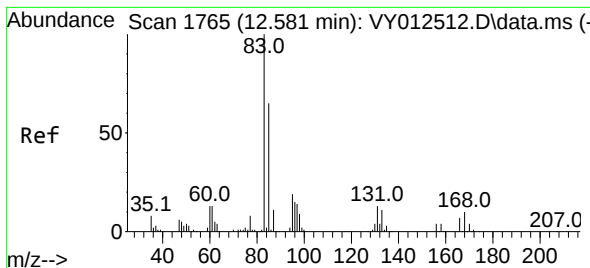
Tgt Ion:105 Resp: 1361532
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 178.188 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 43 Resp: 291462
Ion Ratio Lower Upper
43 100
70 50.4 41.0 61.6
55 26.0 22.9 34.3
61 27.5 21.8 32.6

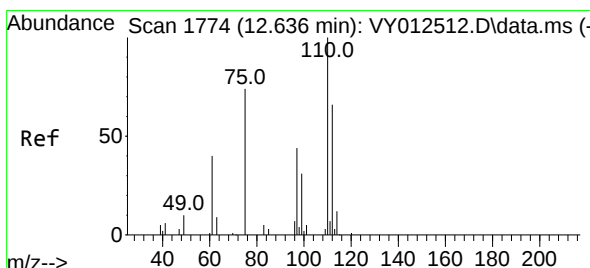
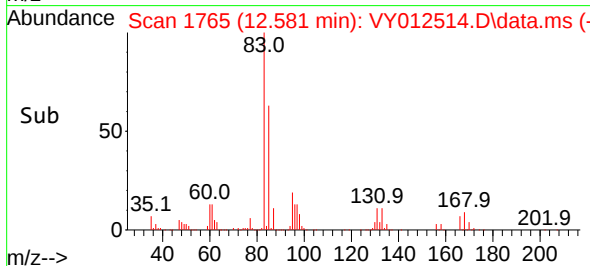
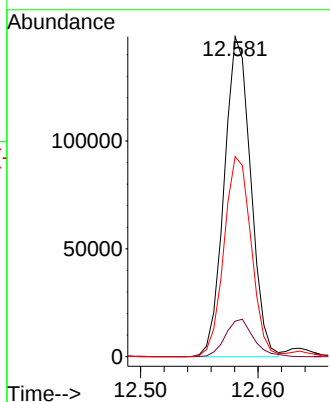
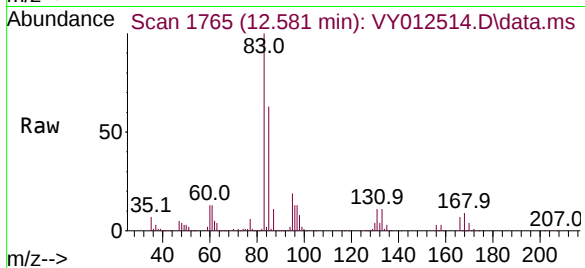




#75
1,1,2,2-Tetrachloroethane
Concen: 159.009 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

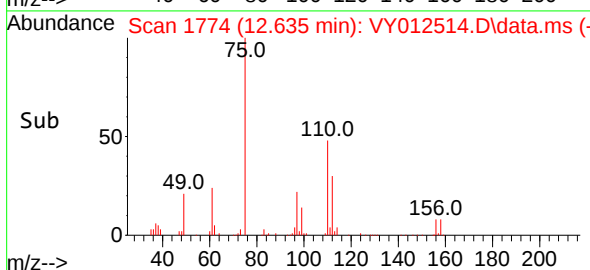
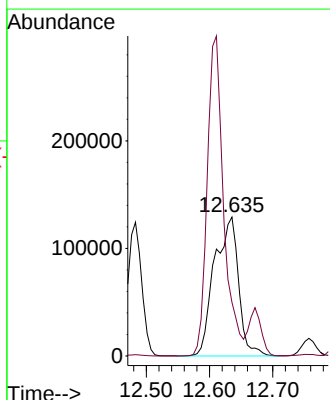
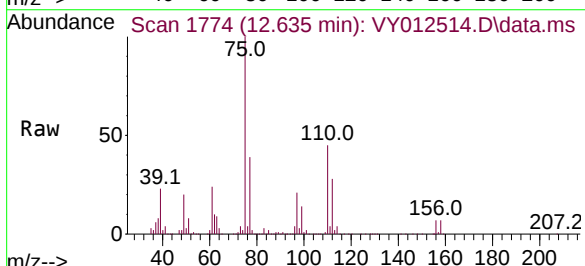
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

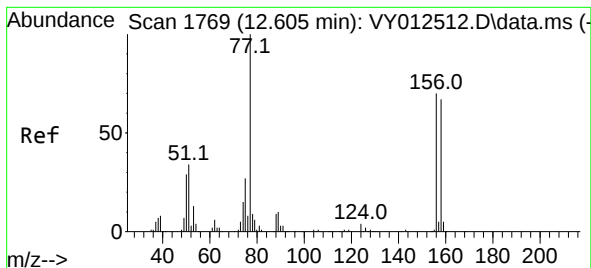
Tgt Ion: 83 Resp: 232324
Ion Ratio Lower Upper
83 100
131 12.4 6.5 19.4
85 64.4 33.0 99.0



#76
1,2,3-Trichloropropane
Concen: 272.924 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 75 Resp: 341391
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 149.252 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

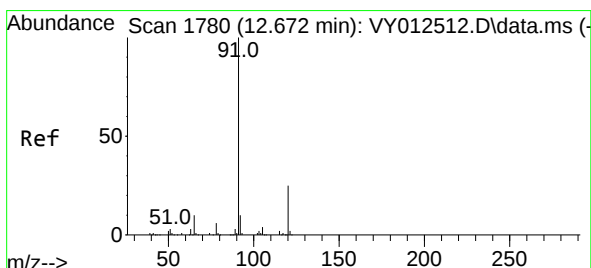
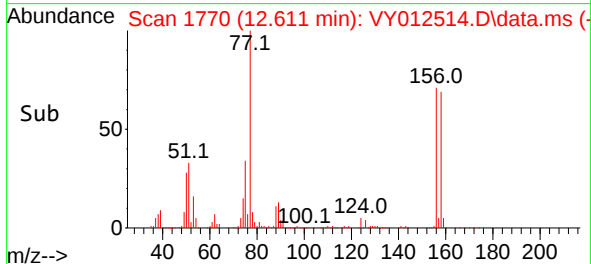
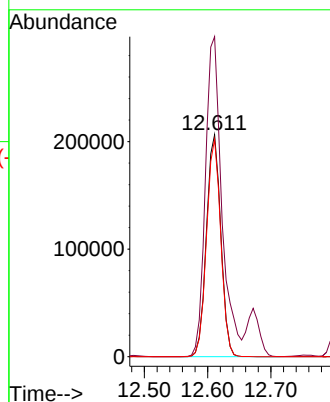
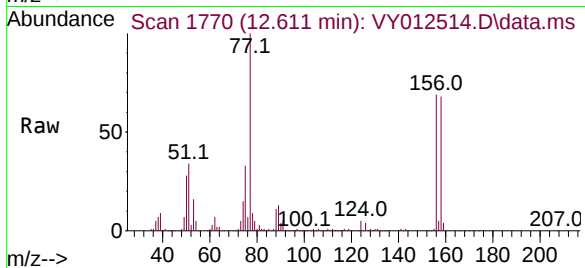
Tgt Ion:156 Resp: 326878

Ion Ratio Lower Upper

156 100

77 164.8 80.6 241.8

158 96.8 49.1 147.3



#78

n-propylbenzene

Concen: 149.720 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012514.D

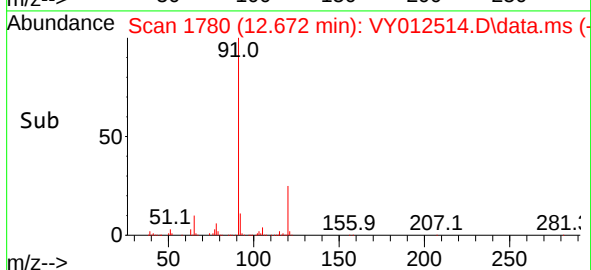
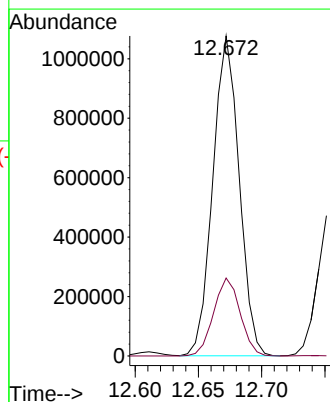
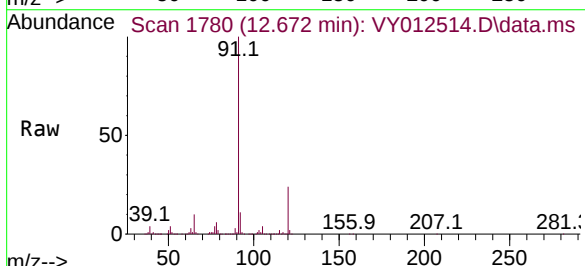
Acq: 07 Feb 2023 12:11

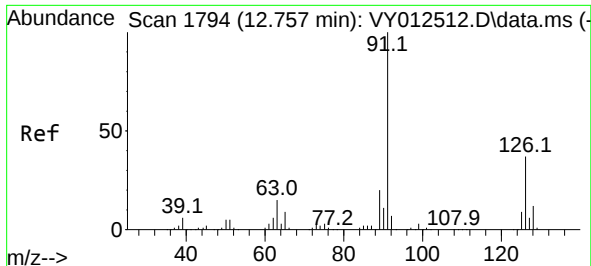
Tgt Ion: 91 Resp: 1557136

Ion Ratio Lower Upper

91 100

120 24.5 12.4 37.4

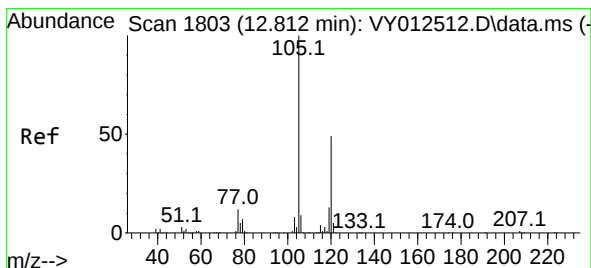
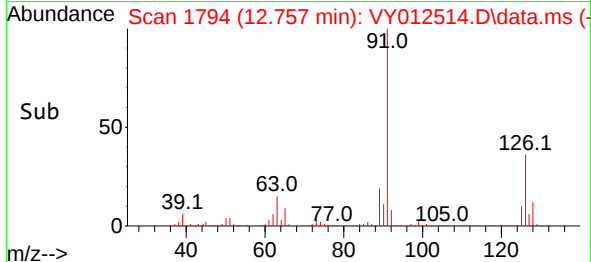
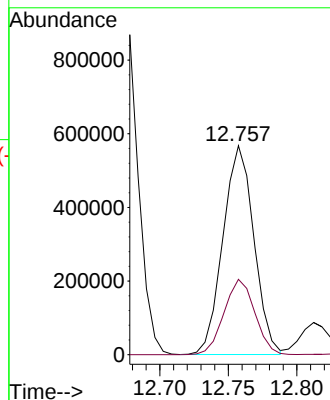
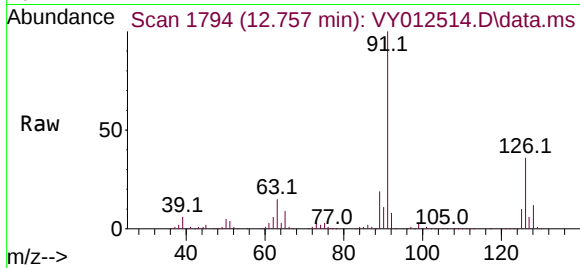




#79
2-Chlorotoluene
Concen: 151.088 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

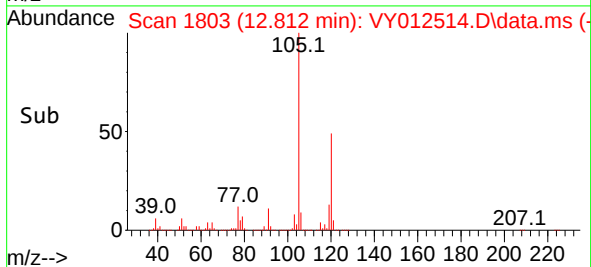
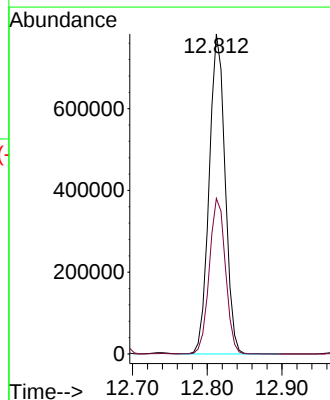
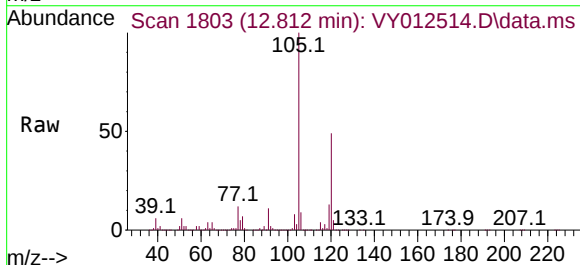
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

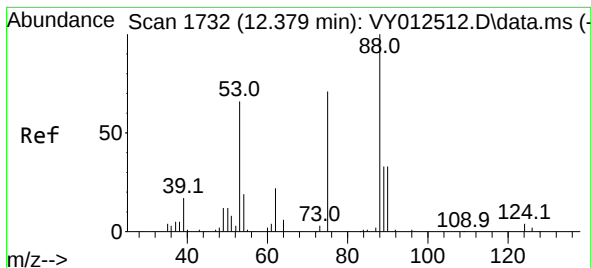
Tgt Ion: 91 Resp: 892038
Ion Ratio Lower Upper
91 100
126 36.0 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 148.640 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 105 Resp: 1156205
Ion Ratio Lower Upper
105 100
120 49.2 24.6 74.0

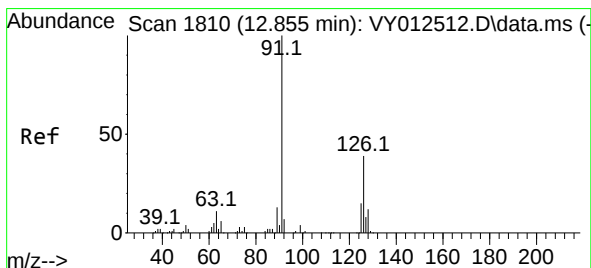
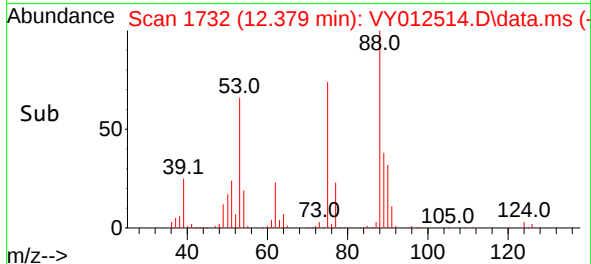
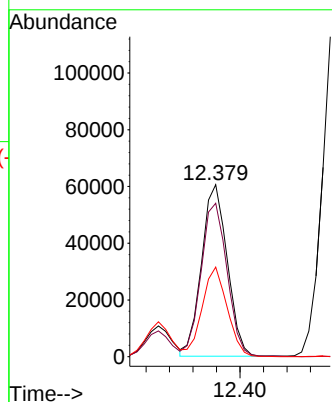
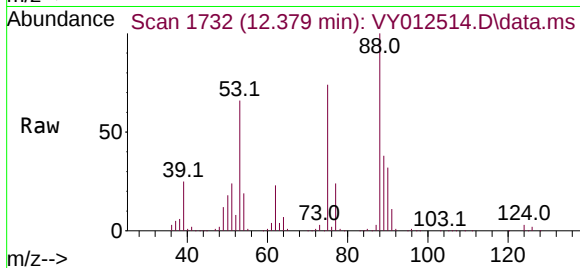




#81
trans-1,4-Dichloro-2-butene
Concen: 166.372 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

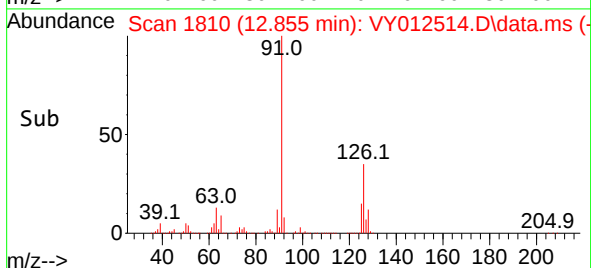
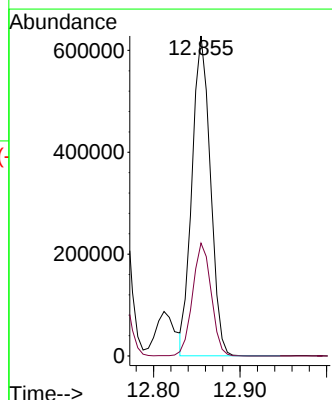
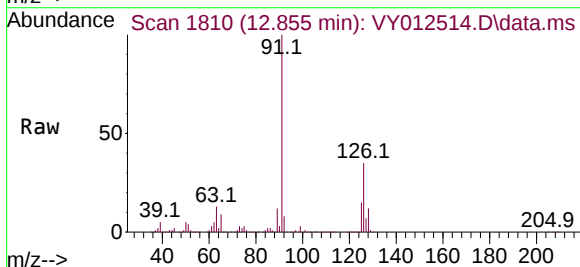
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

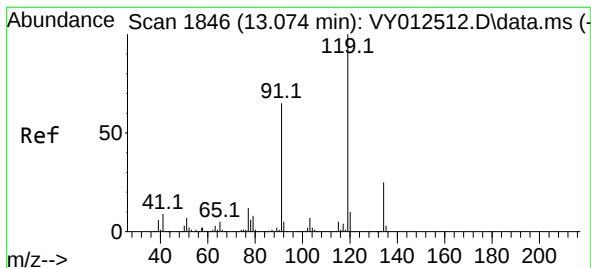
Tgt Ion: 75 Resp: 92058
Ion Ratio Lower Upper
75 100
53 91.0 73.1 109.7
89 51.1 39.9 59.9



#82
4-Chlorotoluene
Concen: 149.499 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 91 Resp: 925908
Ion Ratio Lower Upper
91 100
126 35.8 18.1 54.3





#83

tert-Butylbenzene

Concen: 153.179 ug/l

RT: 13.074 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

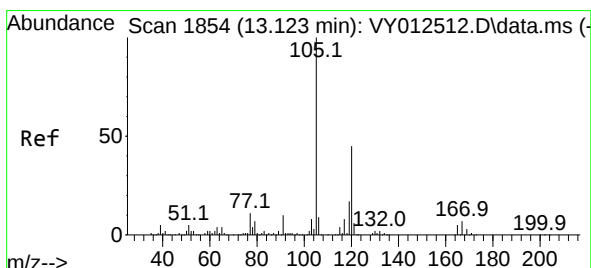
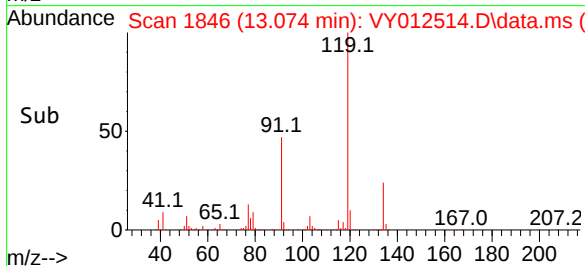
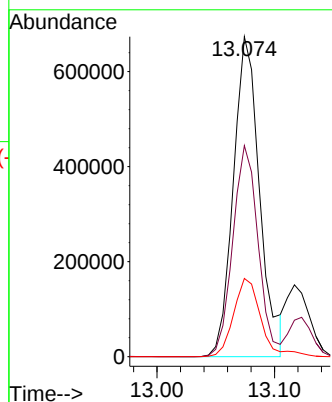
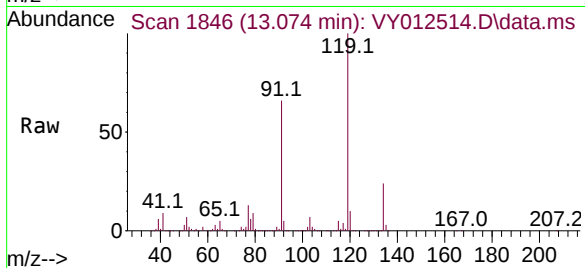
Tgt Ion:119 Resp: 1044865

Ion Ratio Lower Upper

119 100

91 63.8 33.0 99.0

134 25.4 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 149.821 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY012514.D

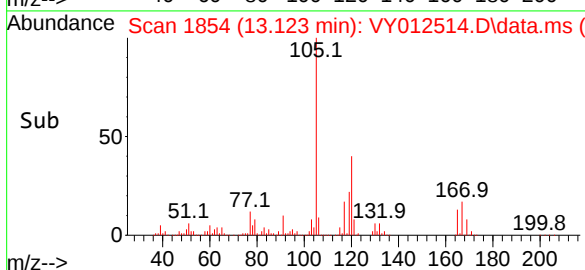
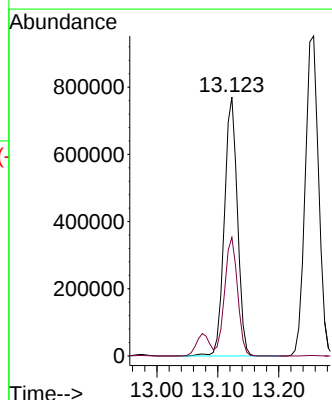
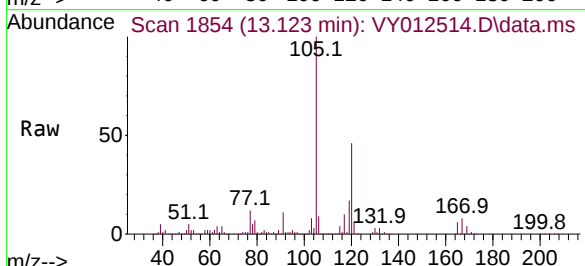
Acq: 07 Feb 2023 12:11

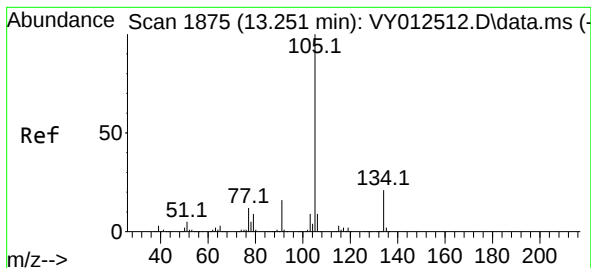
Tgt Ion:105 Resp: 1146694

Ion Ratio Lower Upper

105 100

120 45.5 22.8 68.3





#85

sec-Butylbenzene

Concen: 149.039 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

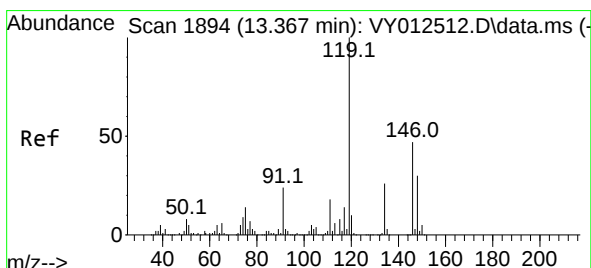
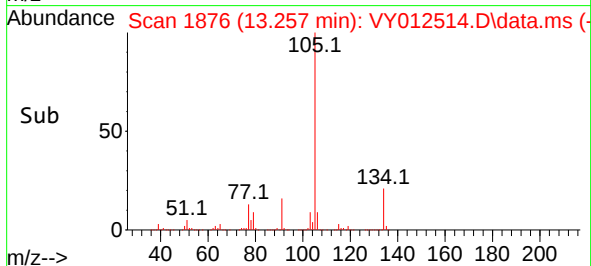
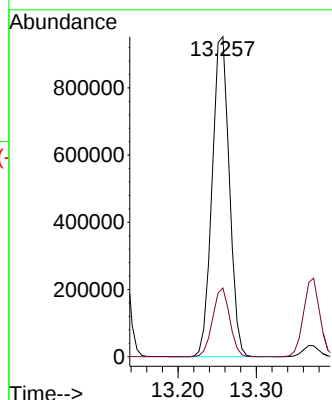
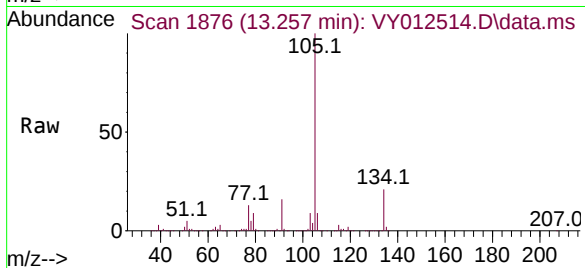
VSTDIC150

Tgt Ion:105 Resp: 1454390

Ion Ratio Lower Upper

105 100

134 21.3 10.8 32.3



#86

p-Isopropyltoluene

Concen: 149.812 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

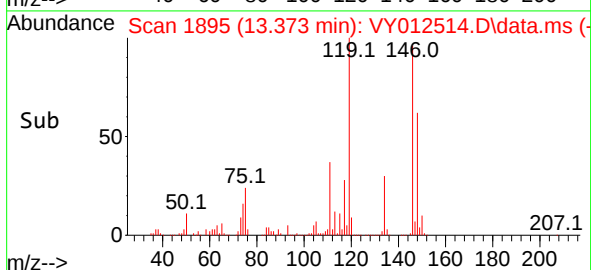
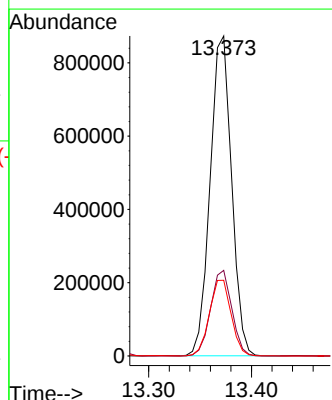
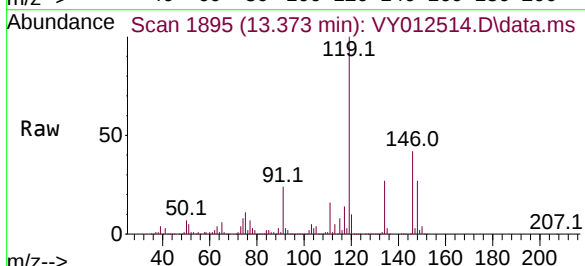
Tgt Ion:119 Resp: 1268261

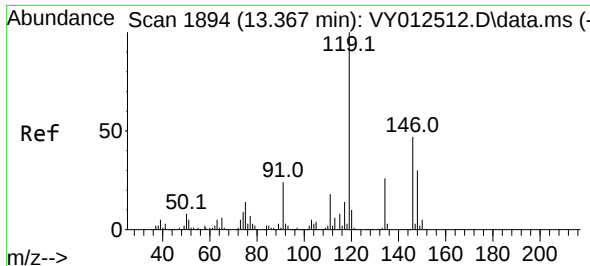
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 24.1 12.0 36.1

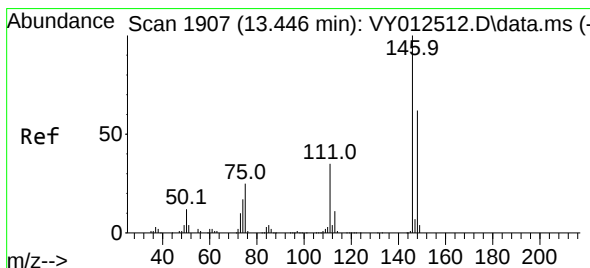
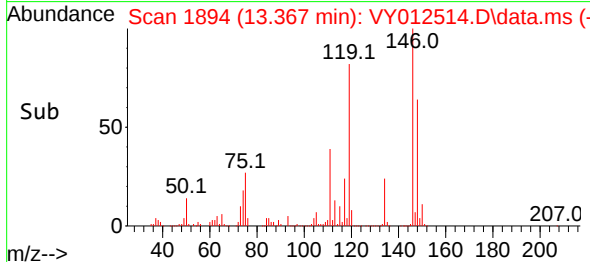
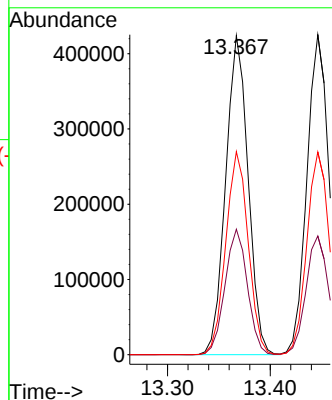
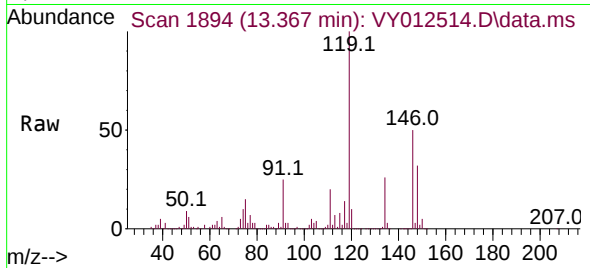




#87
1,3-Dichlorobenzene
Concen: 147.657 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

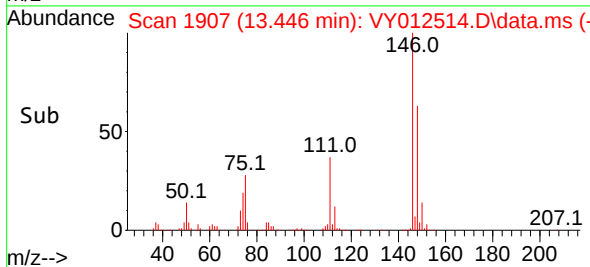
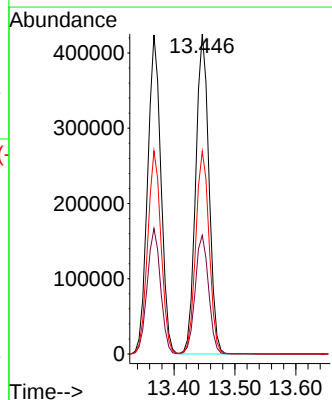
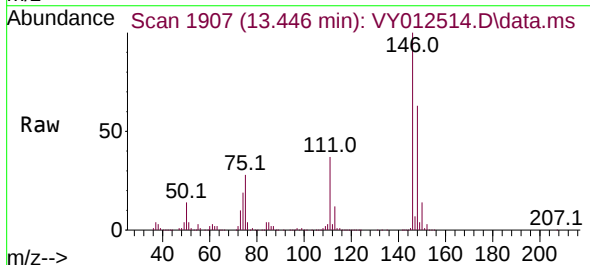
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

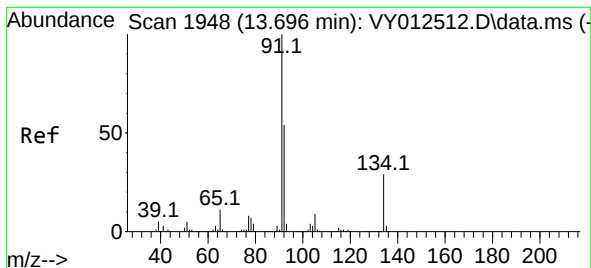
Tgt Ion:146 Resp: 643438
Ion Ratio Lower Upper
146 100
111 39.3 19.3 57.9
148 63.7 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 146.696 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion:146 Resp: 640326
Ion Ratio Lower Upper
146 100
111 37.4 18.4 55.2
148 63.8 31.6 95.0





#89

n-Butylbenzene

Concen: 151.704 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Instrument :

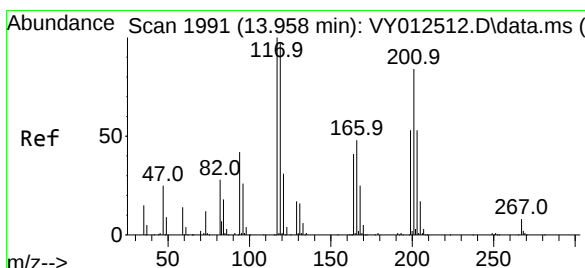
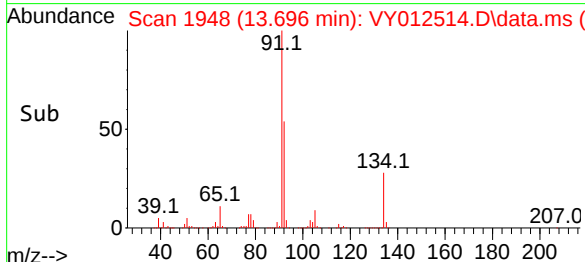
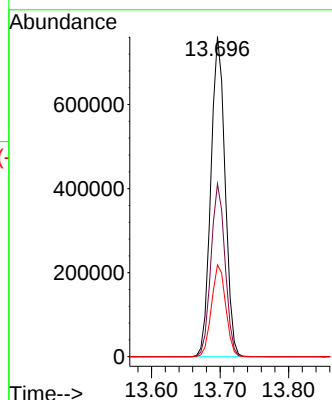
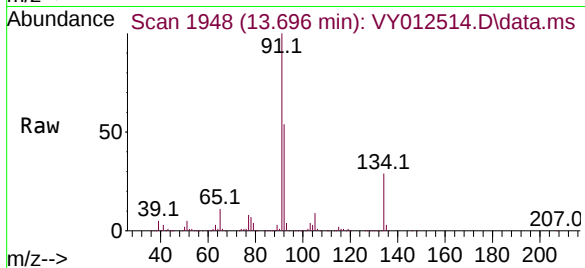
MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1097614

Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.6	79.7
134	28.7	14.5	43.5



#90

Hexachloroethane

Concen: 147.390 ug/l

RT: 13.964 min Scan# 1992

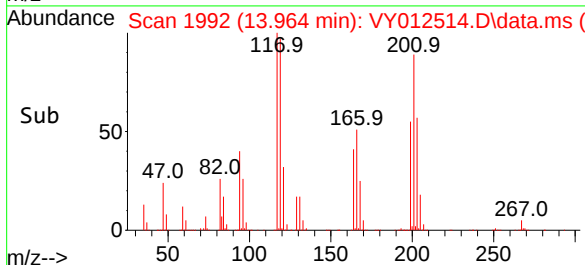
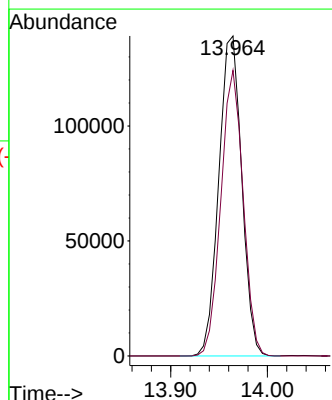
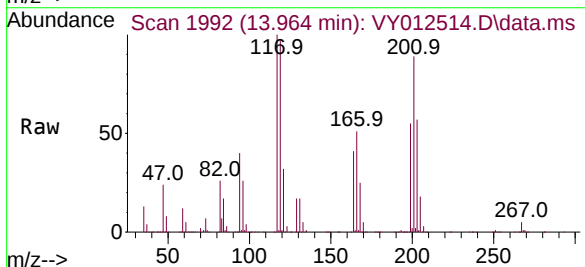
Delta R.T. 0.006 min

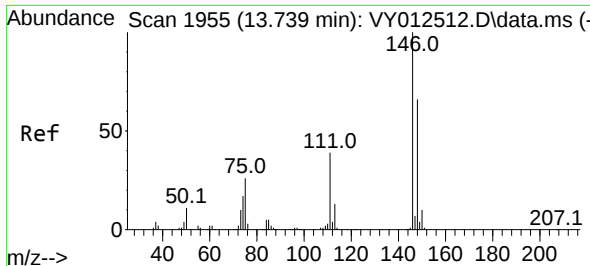
Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Tgt Ion: 117 Resp: 229025

Ion	Ratio	Lower	Upper
117	100		
201	86.5	43.9	131.7

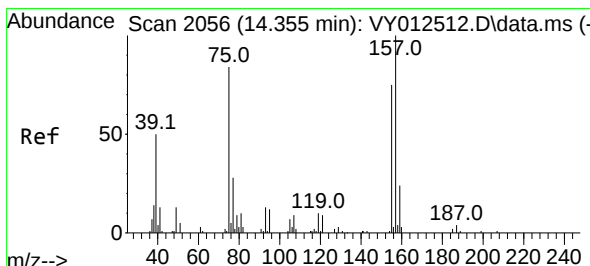
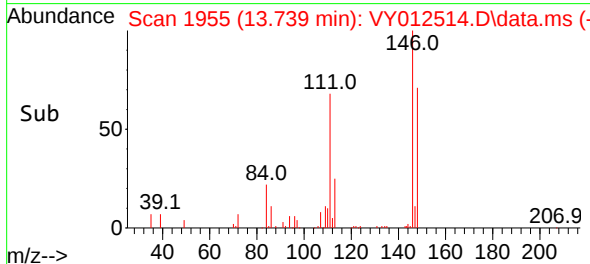
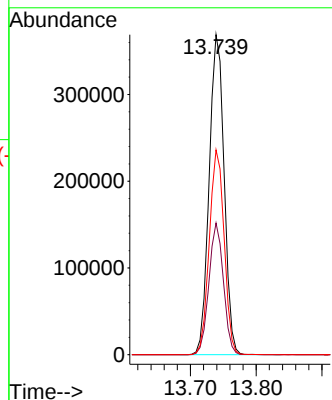
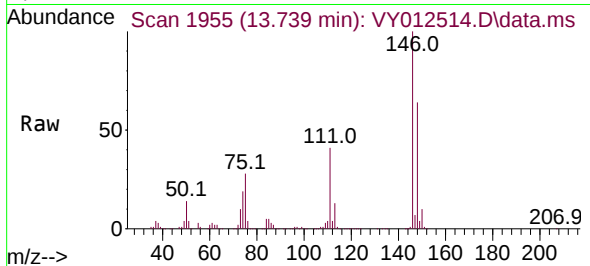




#91
1,2-Dichlorobenzene
Concen: 148.909 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

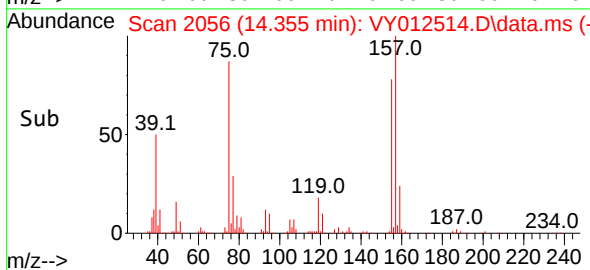
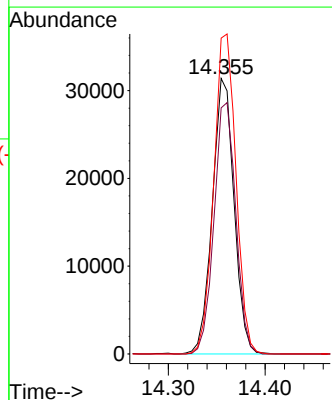
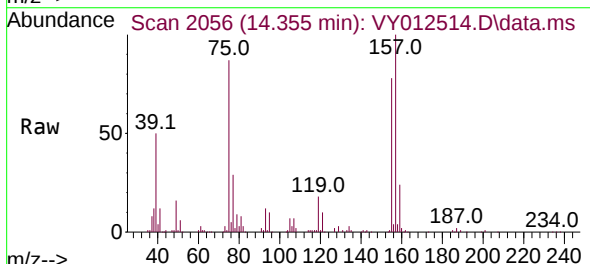
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

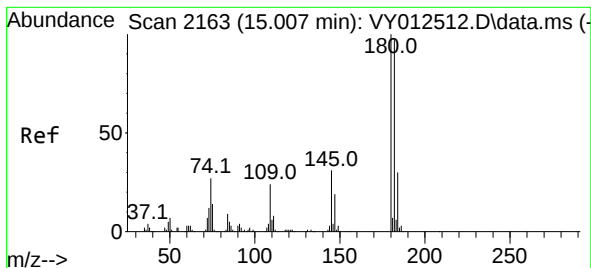
Tgt Ion:146 Resp: 583737
Ion Ratio Lower Upper
146 100
111 39.9 19.7 59.1
148 63.6 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 168.327 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012514.D
Acq: 07 Feb 2023 12:11

Tgt Ion: 75 Resp: 48942
Ion Ratio Lower Upper
75 100
155 91.3 46.5 139.3
157 118.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 161.790 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

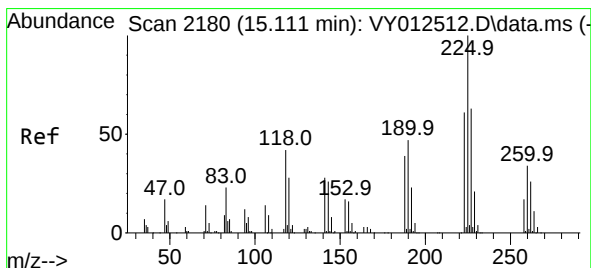
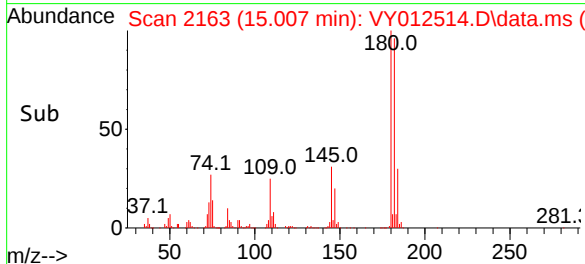
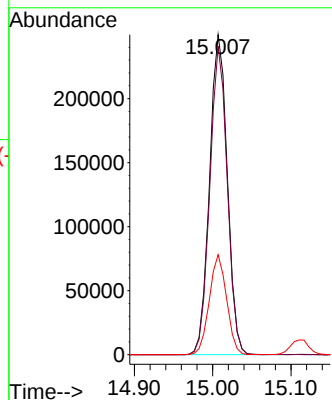
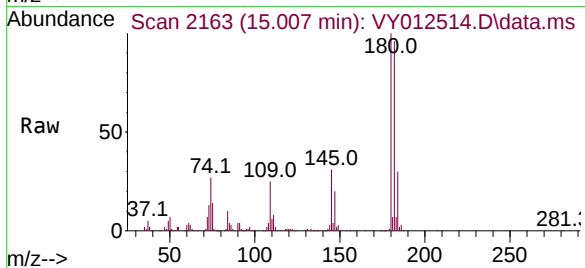
Tgt Ion:180 Resp: 392981

Ion Ratio Lower Upper

180 100

182 94.5 47.7 143.1

145 30.4 15.4 46.4



#94

Hexachlorobutadiene

Concen: 145.448 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

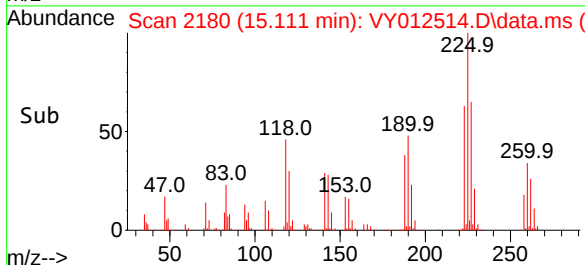
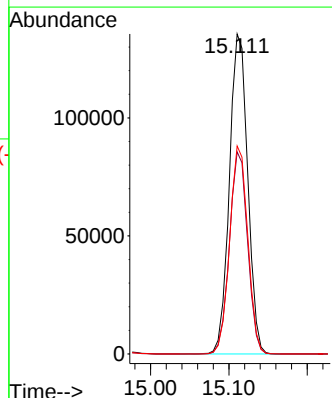
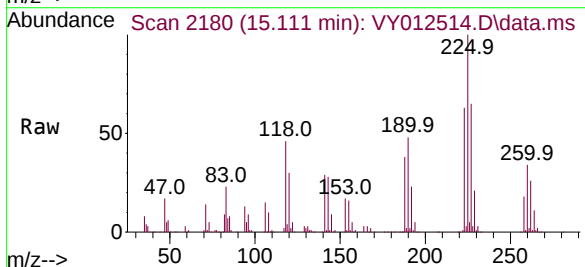
Tgt Ion:225 Resp: 219471

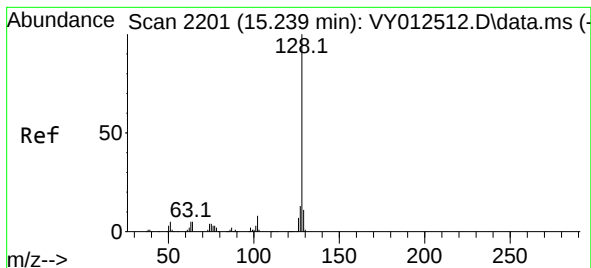
Ion Ratio Lower Upper

225 100

223 62.6 31.1 93.3

227 64.3 31.9 95.5





#95

Naphthalene

Concen: 180.816 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

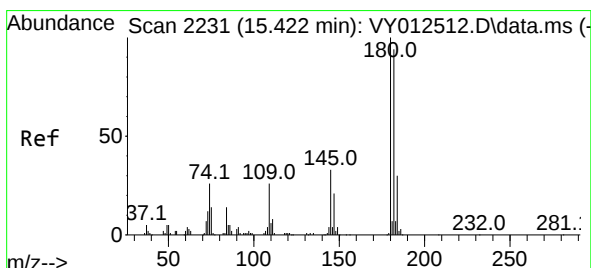
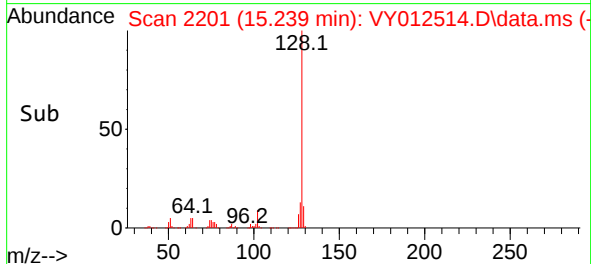
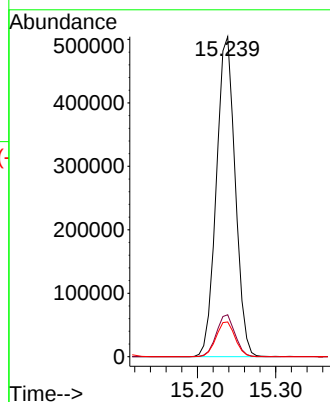
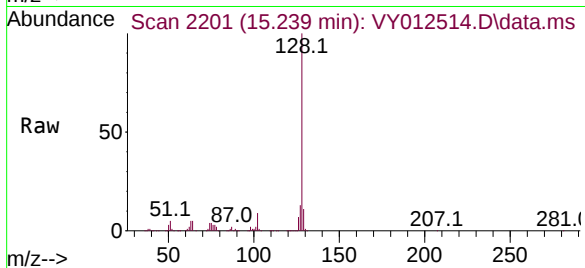
Tgt Ion:128 Resp: 843115

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 163.139 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY012514.D

Acq: 07 Feb 2023 12:11

Tgt Ion:180 Resp: 343003

Ion Ratio Lower Upper

180 100

182 95.3 47.4 142.2

145 32.5 16.2 48.6

