

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012512.D
 Acq On : 07 Feb 2023 11:23
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Feb 07 21:48:32 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	7.795	168	147861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	198967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104428	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	91236	48.524	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.040%
35) Dibromofluoromethane	7.716	113	80920	51.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.600%
50) Toluene-d8	10.179	98	337033	51.835	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.660%
62) 4-Bromofluorobenzene	12.483	95	110714	48.817	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.640%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	50370	48.078	ug/l	100
3) Chloromethane	2.113	50	51380	44.599	ug/l	100
4) Vinyl Chloride	2.253	62	65871	45.894	ug/l	100
5) Bromomethane	2.656	94	51364	48.963	ug/l	100
6) Chloroethane	2.796	64	45888	45.932	ug/l	100
7) Trichlorofluoromethane	3.131	101	138168	46.834	ug/l	100
8) Diethyl Ether	3.527	74	40603	46.415	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.905	101	71862	48.238	ug/l	100
10) Methyl Iodide	4.094	142	99265	51.398	ug/l	100
11) Tert butyl alcohol	4.954	59	37871	207.053	ug/l	100
12) 1,1-Dichloroethene	3.875	96	69221	47.026	ug/l	100
13) Acrolein	3.729	56	49000	221.680	ug/l	100
14) Allyl chloride	4.478	41	85970	47.901	ug/l	100
15) Acrylonitrile	5.161	53	92743	229.798	ug/l	100
16) Acetone	3.948	43	109987	243.042	ug/l	100
17) Carbon Disulfide	4.198	76	172285	45.124	ug/l	100
18) Methyl Acetate	4.478	43	46457	42.710	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	205834	47.787	ug/l	100
20) Methylene Chloride	4.716	84	84159	49.760	ug/l	100
21) trans-1,2-Dichloroethene	5.222	96	76254	47.500	ug/l	100
22) Diisopropyl ether	6.124	45	180069	49.343	ug/l	100
23) Vinyl Acetate	6.057	43	538492	244.769	ug/l	100
24) 1,1-Dichloroethane	6.021	63	125038	47.929	ug/l	100
25) 2-Butanone	6.984	43	114855	228.749	ug/l	100
26) 2,2-Dichloropropane	6.984	77	137280	47.894	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	90285	48.463	ug/l	100
28) Bromochloromethane	7.332	49	48561	51.208	ug/l	100
29) Tetrahydrofuran	7.350	42	61947	228.212	ug/l	100
30) Chloroform	7.508	83	151042	48.021	ug/l	100
31) Cyclohexane	7.783	56	99974	45.988	ug/l	100
32) 1,1,1-Trichloroethane	7.703	97	148930	48.794	ug/l	100
36) 1,1-Dichloropropene	7.917	75	103784	49.089	ug/l	100
37) Ethyl Acetate	7.069	43	44109	46.236	ug/l	100
38) Carbon Tetrachloride	7.899	117	138930	48.953	ug/l	100
39) Methylcyclohexane	9.185	83	126146	49.585	ug/l	100
40) Benzene	8.161	78	305988	49.001	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	62795	120.170	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	98074	48.456	ug/l	100
43) Isopropyl Acetate	8.270	43	84232	47.621	ug/l	100
44) Trichloroethene	8.941	130	92739	48.787	ug/l	100
45) 1,2-Dichloropropane	9.215	63	67487	49.841	ug/l	100
46) Dibromomethane	9.307	93	42984	47.943	ug/l	100
47) Bromodichloromethane	9.496	83	115381	49.634	ug/l	100
48) Methyl methacrylate	9.295	41	38292	47.362	ug/l	100
49) 1,4-Dioxane	9.295	88	11587	936.203	ug/l	100
51) 4-Methyl-2-Pentanone	10.069	43	226819	237.677	ug/l	100
52) Toluene	10.246	92	209882	49.563	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	116827	49.873	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	126096	49.743	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	63728	48.646	ug/l	100
56) Ethyl methacrylate	10.508	69	80962	49.190	ug/l	100
57) 1,3-Dichloropropane	10.788	76	102983	48.708	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	181443	245.262	ug/l	100
59) 2-Hexanone	10.831	43	174134	241.454	ug/l	100
60) Dibromochloromethane	10.983	129	86691	49.643	ug/l	100
61) 1,2-Dibromoethane	11.087	107	59373	48.370	ug/l	100
64) Tetrachloroethene	10.721	164	105613	50.844	ug/l	100
65) Chlorobenzene	11.514	112	229163	48.560	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	90052	48.695	ug/l	100
67) Ethyl Benzene	11.593	91	410128	49.503	ug/l	100
68) m/p-Xylenes	11.703	106	328318	99.280	ug/l	100
69) o-Xylene	12.032	106	158589	50.356	ug/l	100
70) Styrene	12.044	104	266066	49.814	ug/l	100
71) Bromoform	12.209	173	56358	48.214	ug/l	100
73) Isopropylbenzene	12.331	105	429350	50.818	ug/l	100
74) N-amyl acetate	12.142	43	74377	48.631	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	63699	46.627	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	94979	81.207	ug/l #	100
77) Bromobenzene	12.605	156	100208	48.934	ug/l	100
78) n-propylbenzene	12.672	91	492533	50.648	ug/l	100
79) 2-Chlorotoluene	12.757	91	275484	49.902	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	368488	50.664	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	24809	47.952	ug/l	100
82) 4-Chlorotoluene	12.855	91	290155	50.105	ug/l	100
83) tert-Butylbenzene	13.074	119	321465	50.402	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	366942	51.274	ug/l	100
85) sec-Butylbenzene	13.251	105	464471	50.905	ug/l	100
86) p-Isopropyltoluene	13.367	119	405302	51.203	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	201764	49.519	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	200967	49.240	ug/l	100
89) n-Butylbenzene	13.696	91	349248	51.625	ug/l	100
90) Hexachloroethane	13.958	117	72541	49.928	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	179203	48.891	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12368	45.493	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	112876	49.700	ug/l	100
94) Hexachlorobutadiene	15.111	225	69705	49.405	ug/l	100
95) Naphthalene	15.239	128	215650	49.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	96391	49.032	ug/l	100

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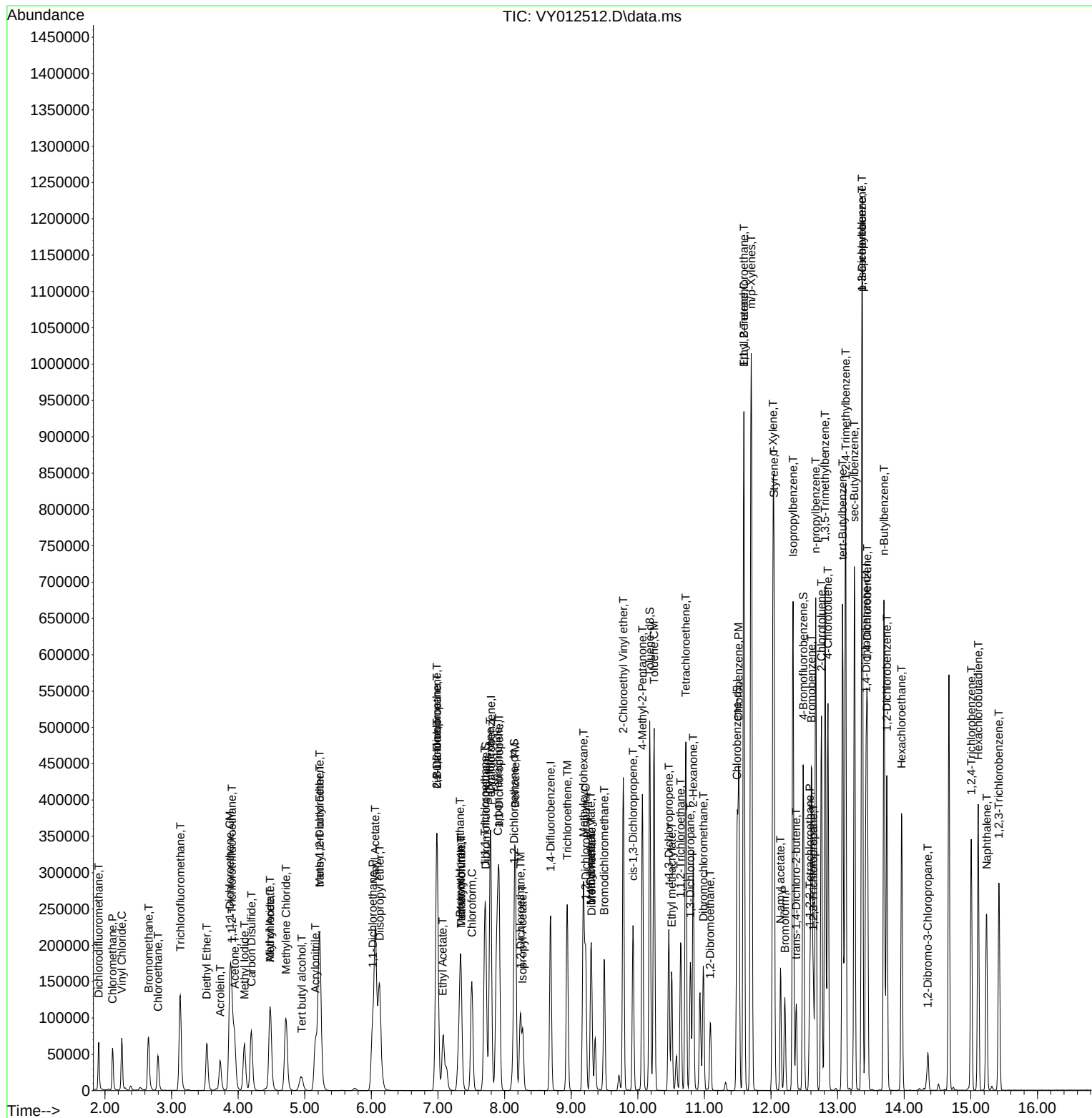
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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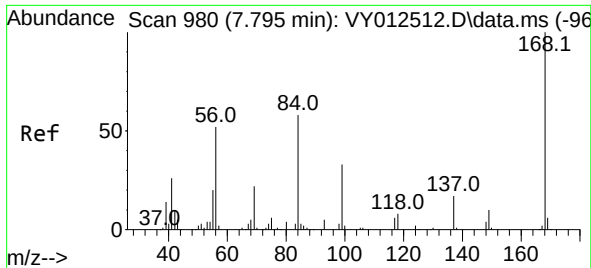
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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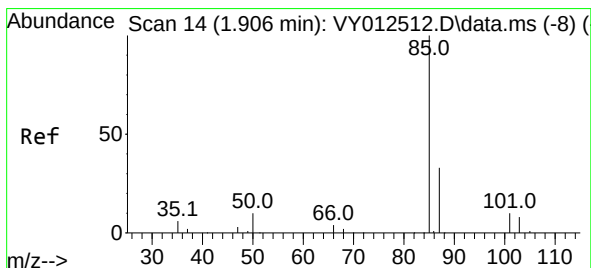
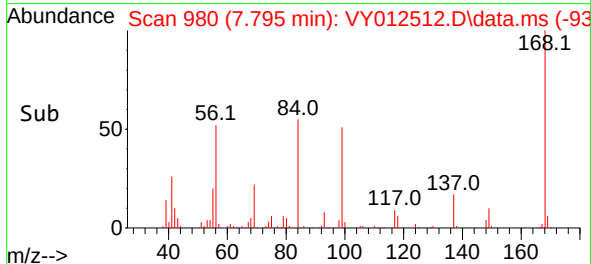
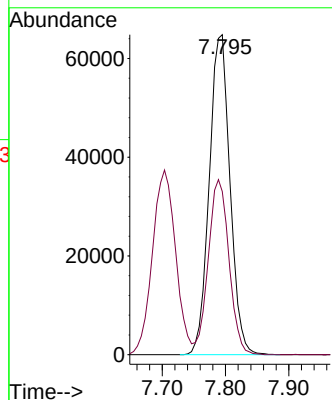
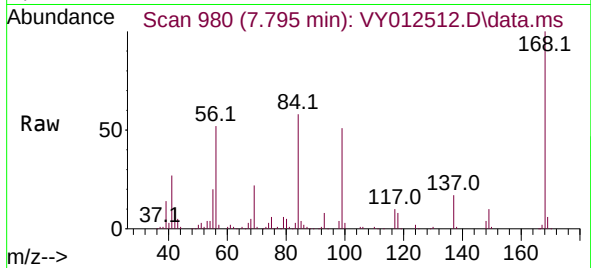




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY012512.D
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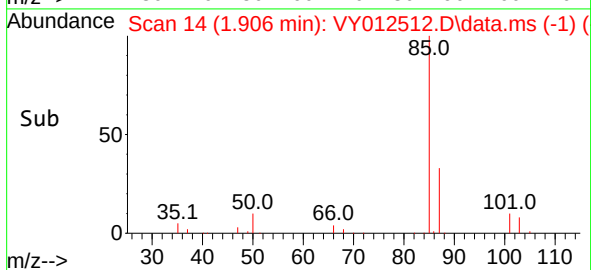
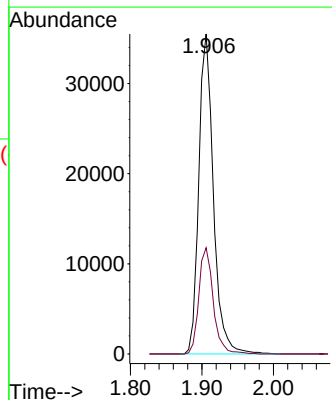
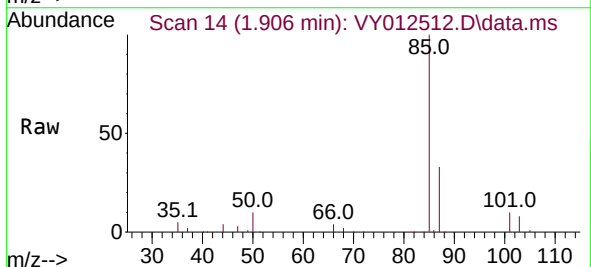
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

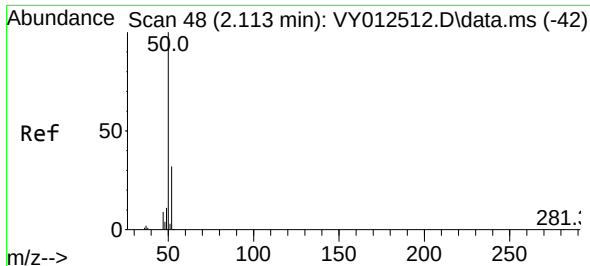
Tgt Ion:168 Resp: 147861
Ion Ratio Lower Upper
168 100
99 51.0 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 48.078 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion: 85 Resp: 50370
Ion Ratio Lower Upper
85 100
87 33.2 16.6 49.8

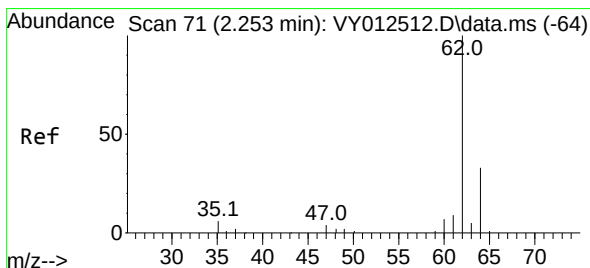
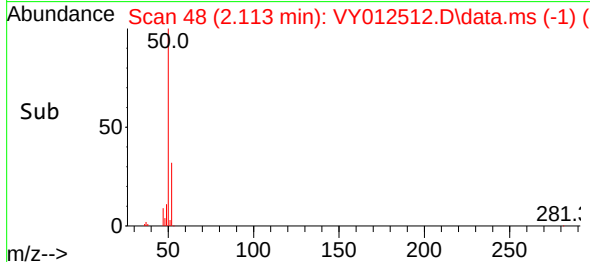
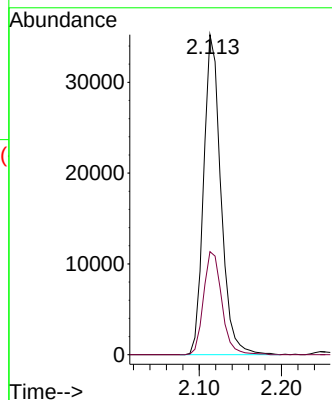
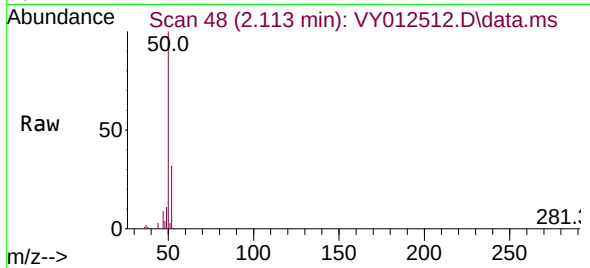




#3
Chloromethane
Concen: 44.599 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

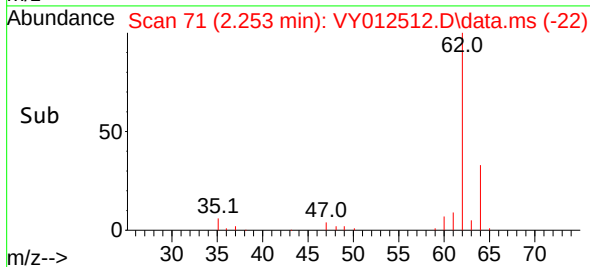
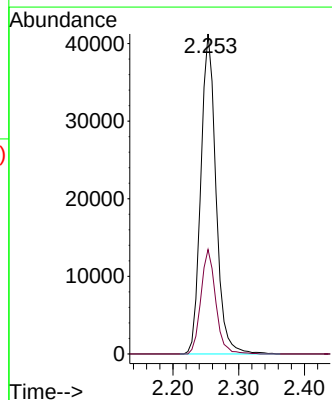
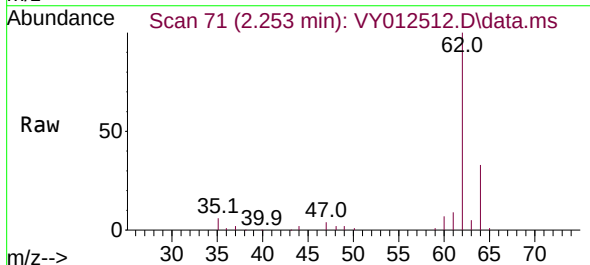
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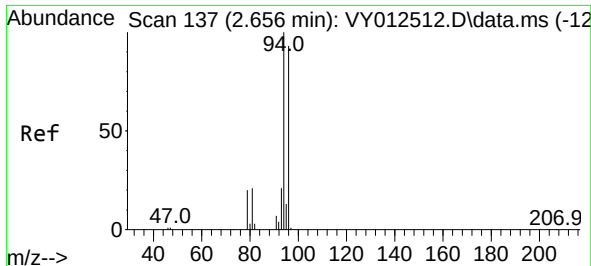
Tgt Ion: 50 Resp: 51380
Ion Ratio Lower Upper
50 100
52 32.2 25.8 38.6



#4
Vinyl Chloride
Concen: 45.894 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion: 62 Resp: 65871
Ion Ratio Lower Upper
62 100
64 32.6 26.1 39.1

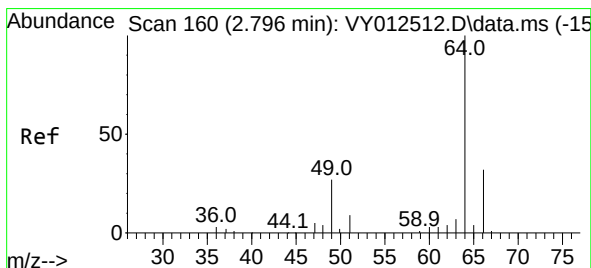
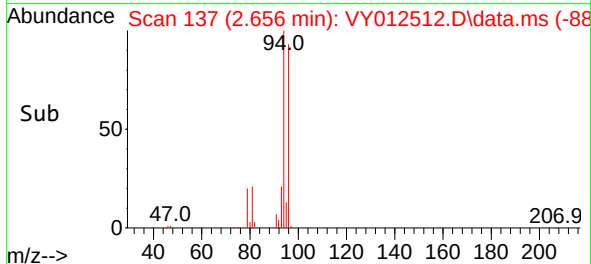
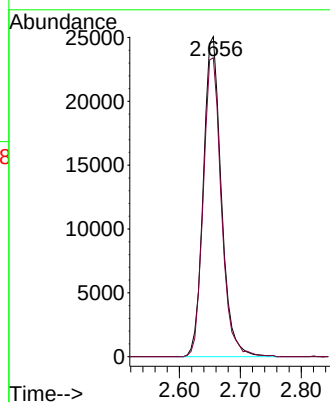
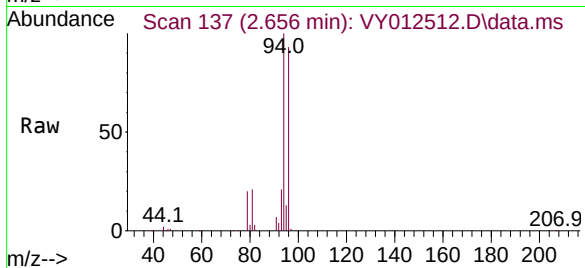




#5
Bromomethane
Concen: 48.963 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012512.D
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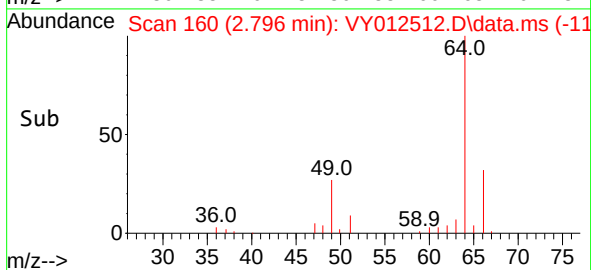
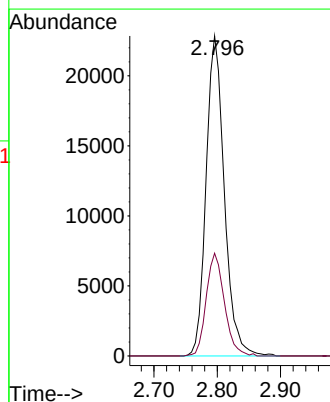
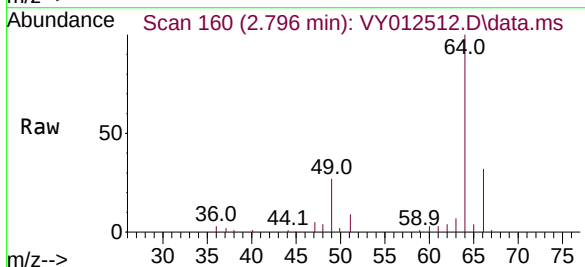
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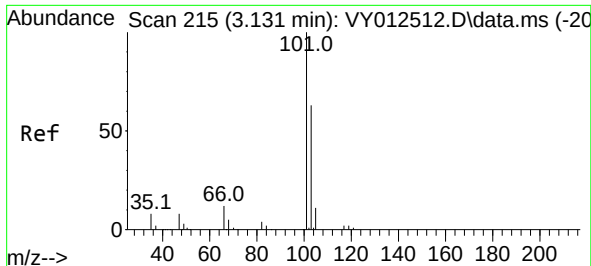
Tgt Ion: 94 Resp: 51364
Ion Ratio Lower Upper
94 100
96 93.4 74.7 112.1



#6
Chloroethane
Concen: 45.932 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012512.D
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Tgt Ion: 64 Resp: 45888
Ion Ratio Lower Upper
64 100
66 32.1 25.7 38.5

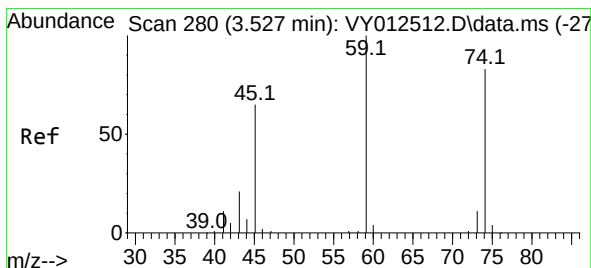
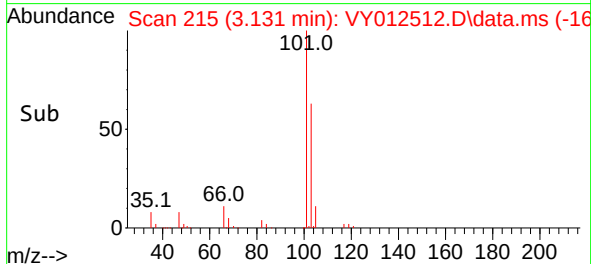
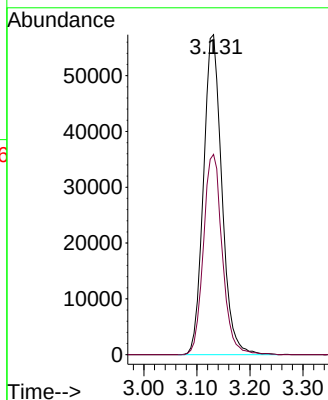
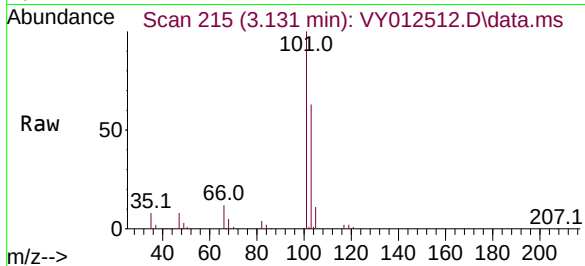




#7
Trichlorofluoromethane
Concen: 46.834 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY012512.D
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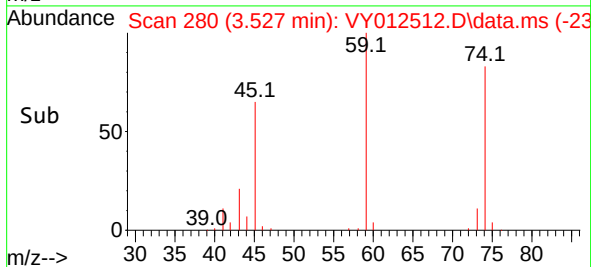
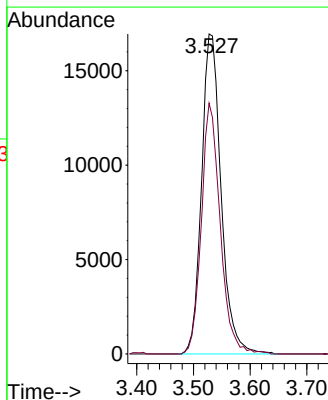
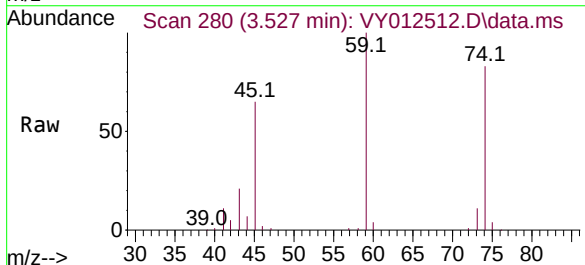
Instrument :
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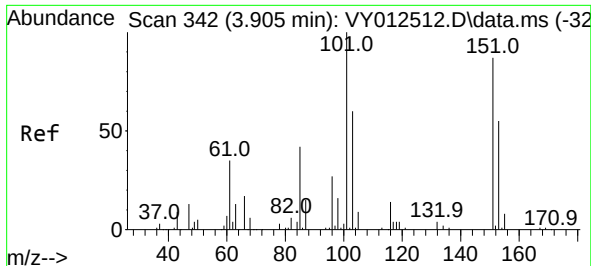
Tgt Ion:101 Resp: 138168
Ion Ratio Lower Upper
101 100
103 62.6 50.1 75.1



#8
Diethyl Ether
Concen: 46.415 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 40603
Ion Ratio Lower Upper
74 100
45 75.6 37.8 113.4

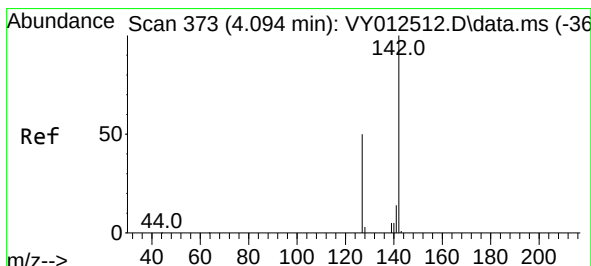
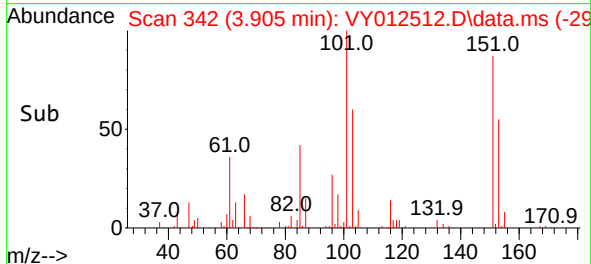
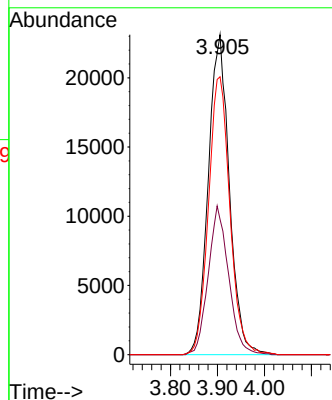
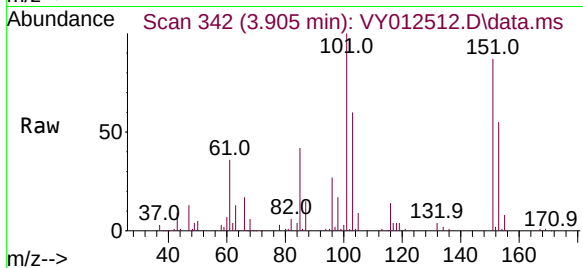




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.238 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

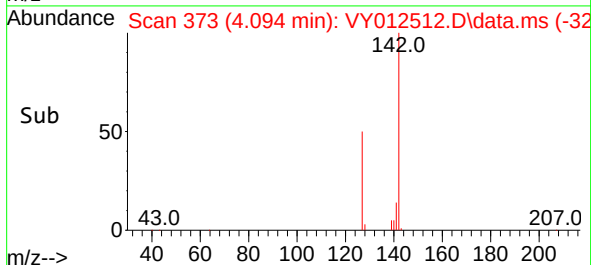
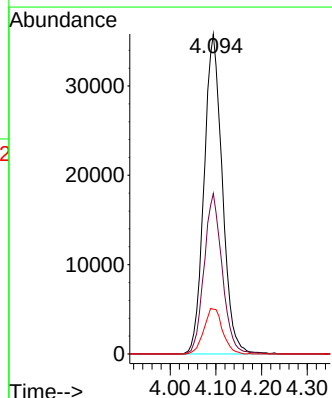
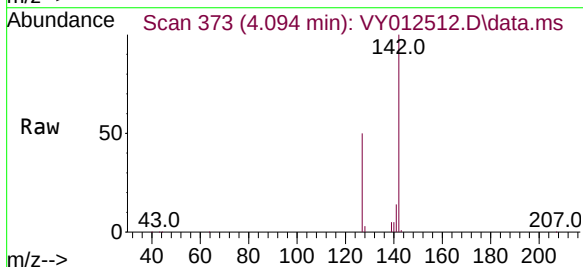
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

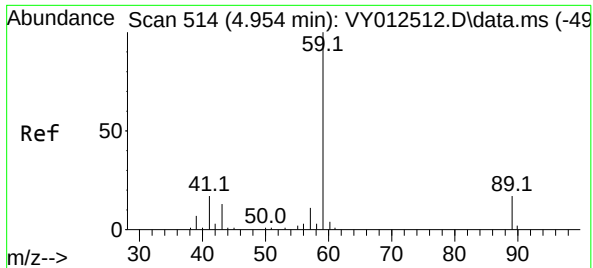
Tgt Ion:101 Resp: 71862
Ion Ratio Lower Upper
101 100
85 45.1 36.1 54.1
151 88.4 70.7 106.1



#10
Methyl Iodide
Concen: 51.398 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion:142 Resp: 99265
Ion Ratio Lower Upper
142 100
127 49.7 39.8 59.6
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 207.053 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

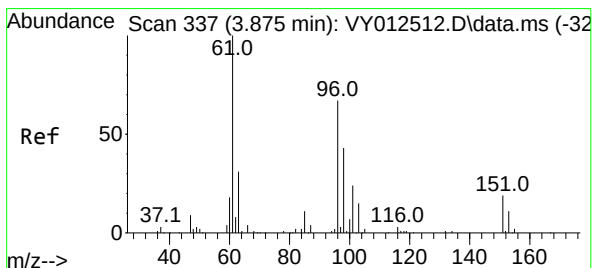
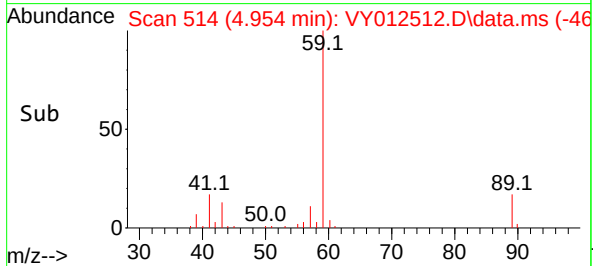
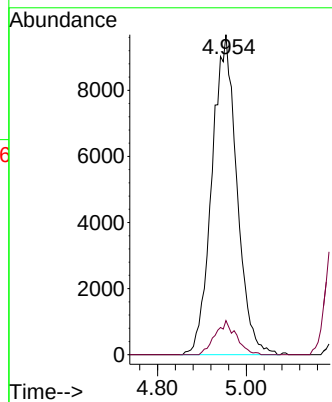
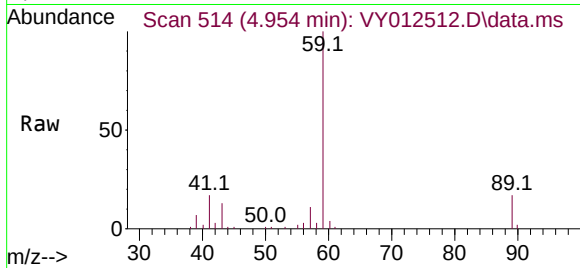
VSTDICCC050

Tgt Ion: 59 Resp: 37871

Ion Ratio Lower Upper

59 100

57 9.0 7.2 10.8



#12

1,1-Dichloroethene

Concen: 47.026 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

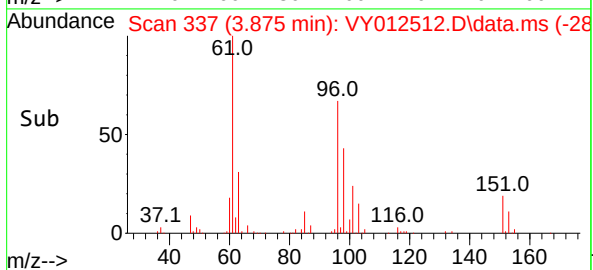
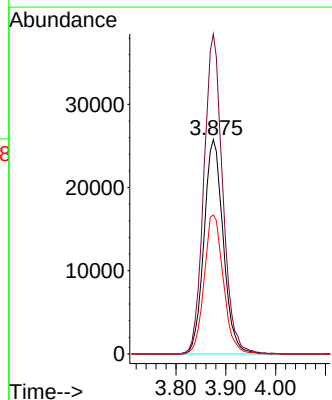
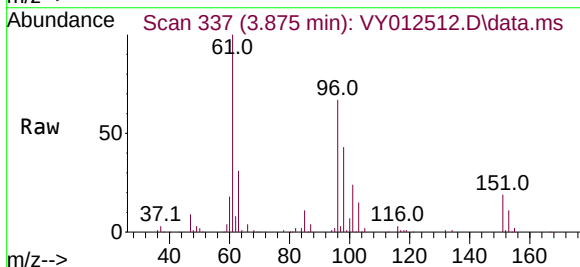
Tgt Ion: 96 Resp: 69221

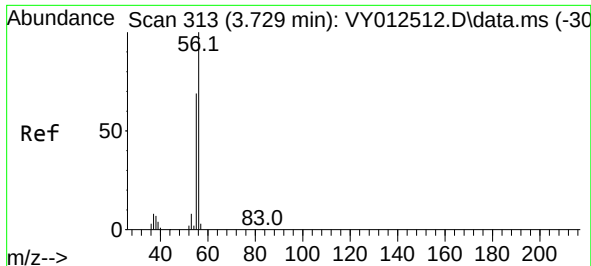
Ion Ratio Lower Upper

96 100

61 149.3 119.4 179.2

98 64.9 51.9 77.9





#13

Acrolein

Concen: 221.680 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

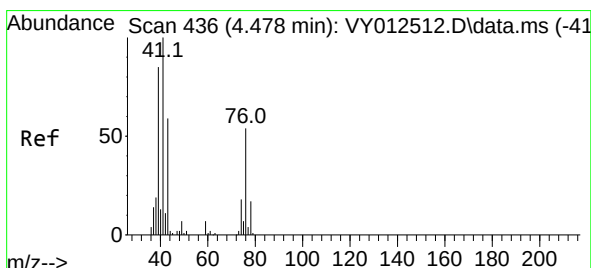
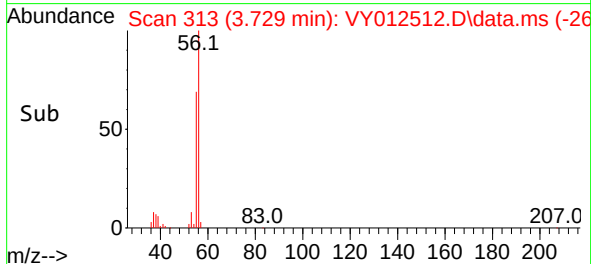
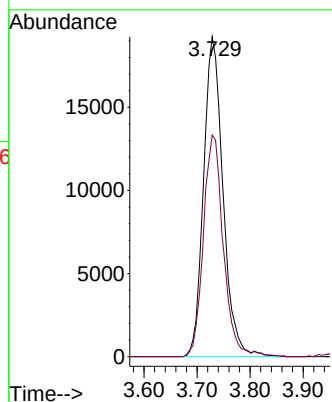
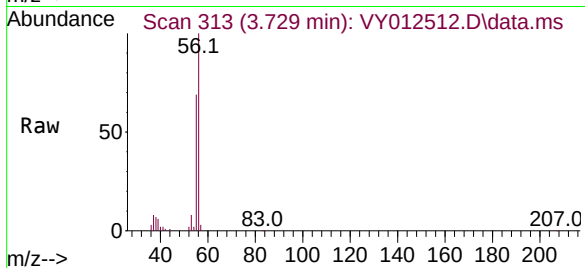
VSTDICCC050

Tgt Ion: 56 Resp: 49000

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



#14

Allyl chloride

Concen: 47.901 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

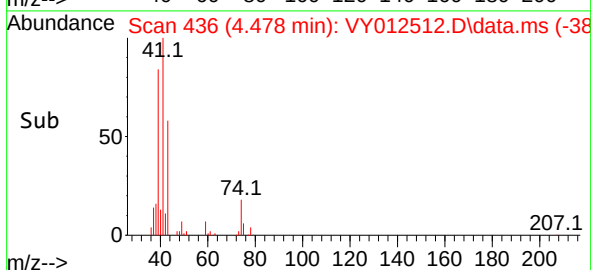
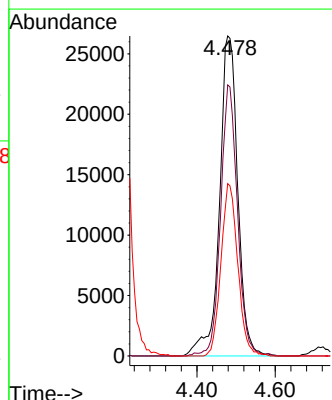
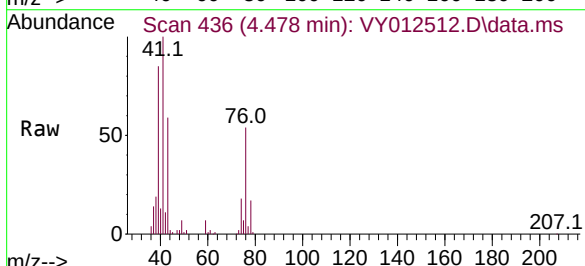
Tgt Ion: 41 Resp: 85970

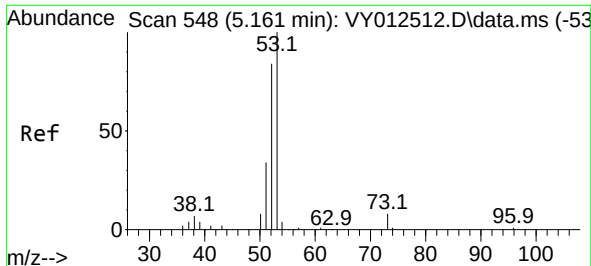
Ion Ratio Lower Upper

41 100

39 78.3 62.6 94.0

76 49.5 39.6 59.4

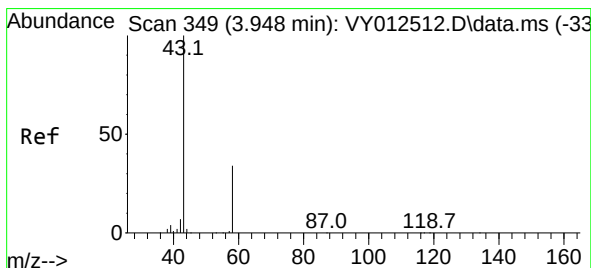
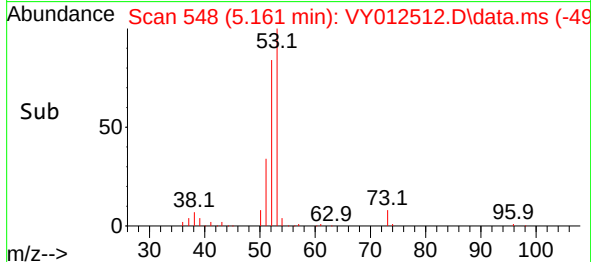
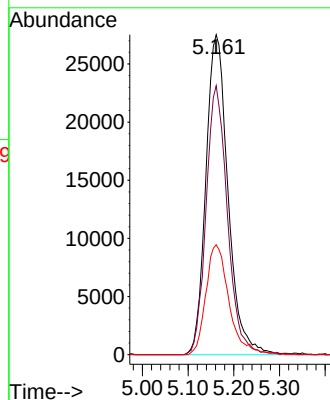
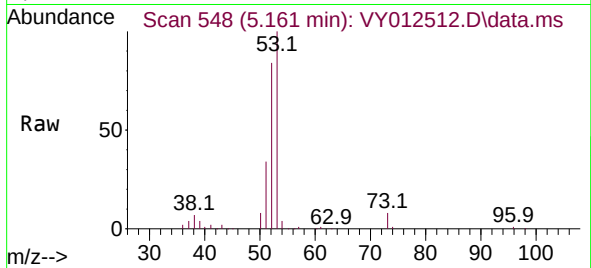




#15
Acrylonitrile
Concen: 229.798 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

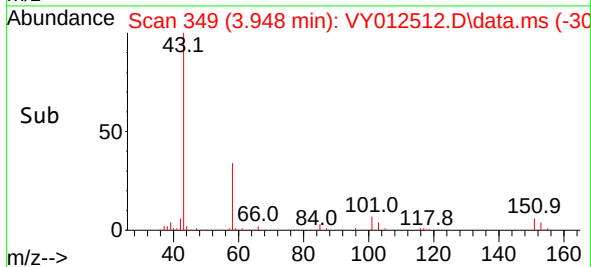
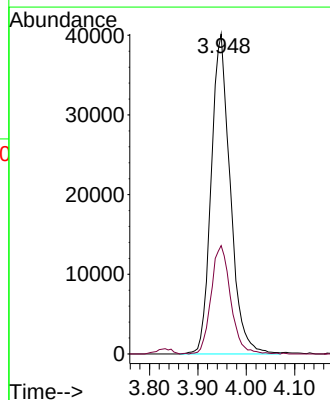
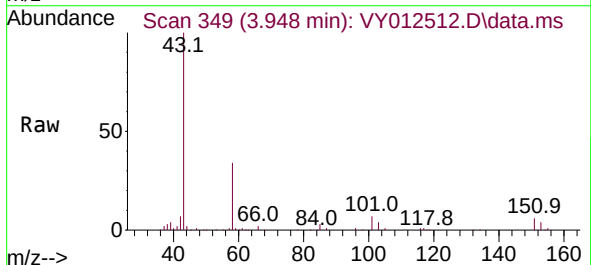
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

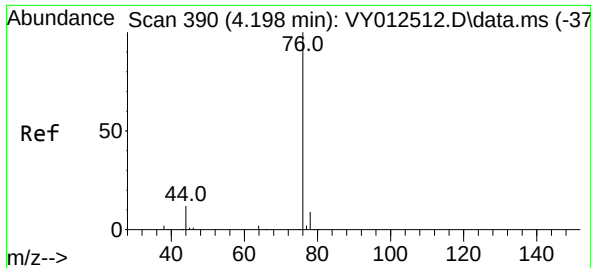
Tgt Ion:	53	Resp:	92743
Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.0	97.4
51	35.9	28.7	43.1



#16
Acetone
Concen: 243.042 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion:	43	Resp:	109987
Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.1	40.7

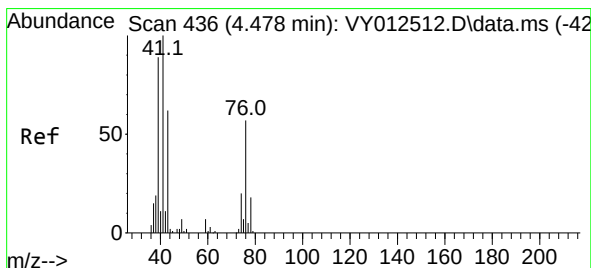
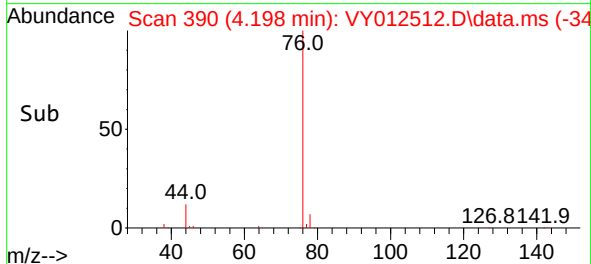
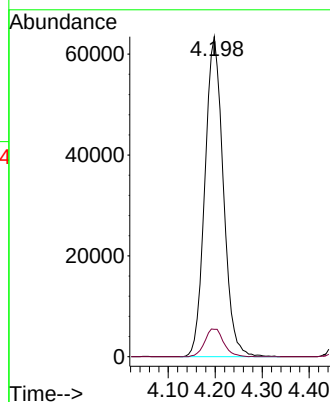
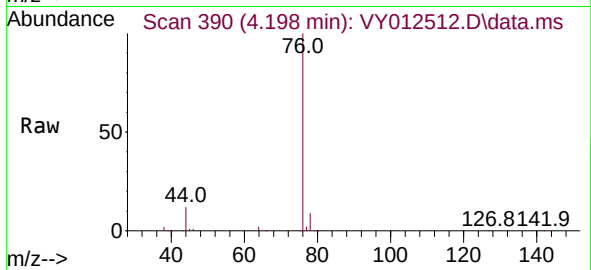




#17
Carbon Disulfide
Concen: 45.124 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

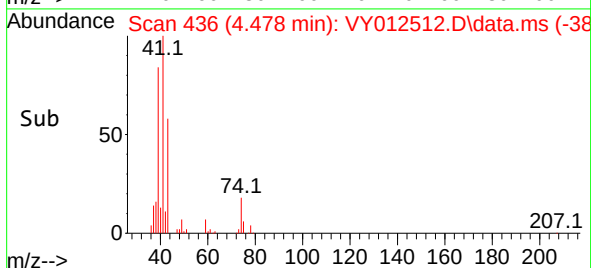
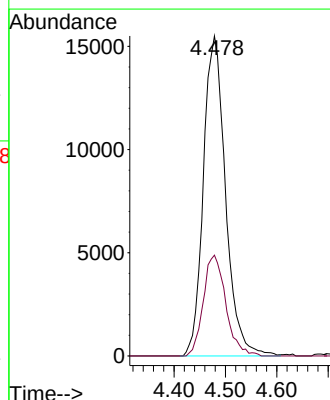
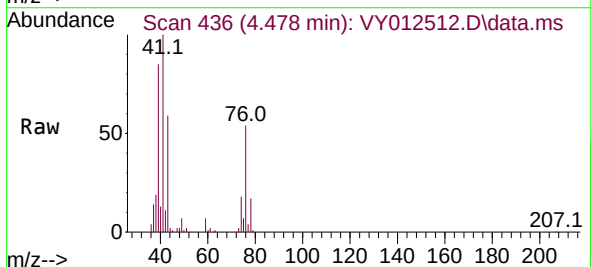
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

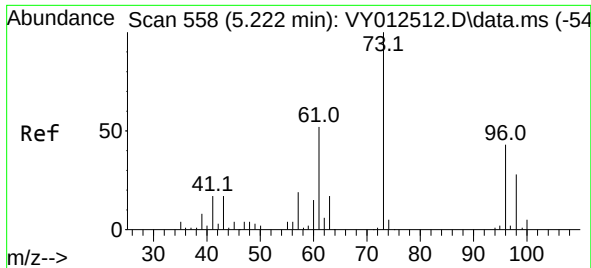
Tgt Ion: 76 Resp: 172285
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3



#18
Methyl Acetate
Concen: 42.710 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion: 43 Resp: 46457
Ion Ratio Lower Upper
43 100
74 32.0 25.6 38.4

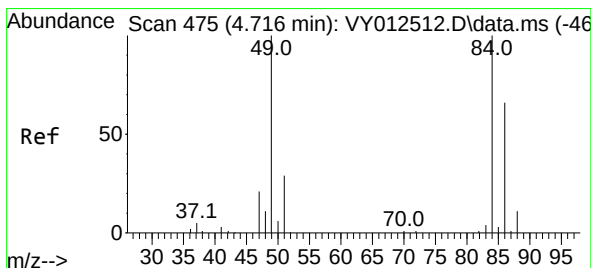
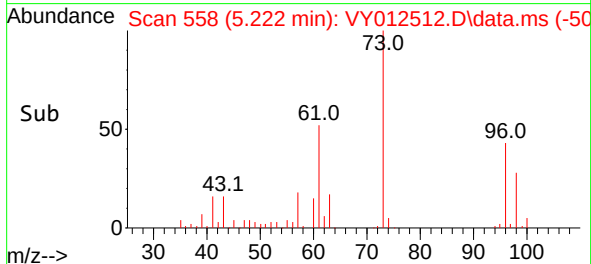
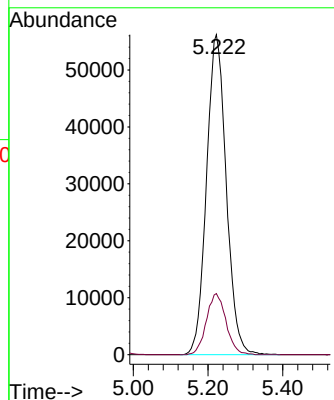
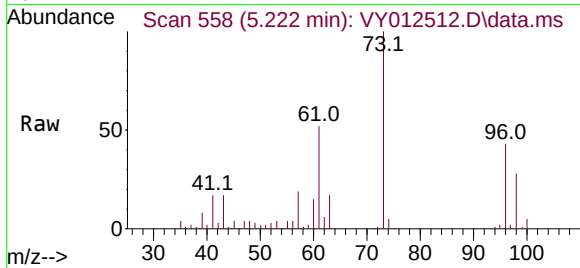




#19
Methyl tert-butyl Ether
Concen: 47.787 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

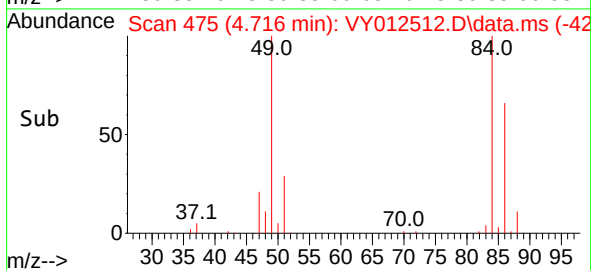
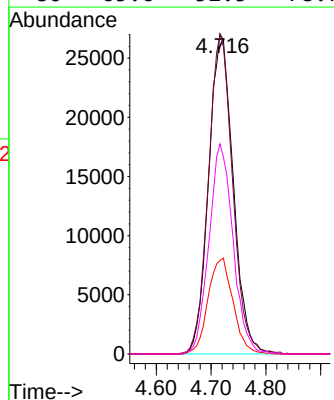
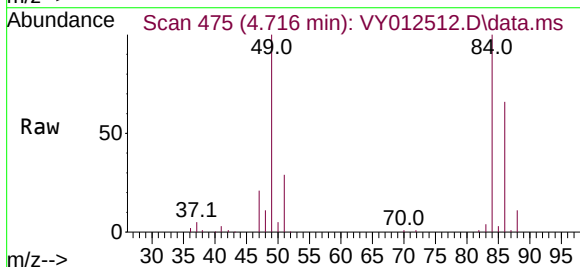
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

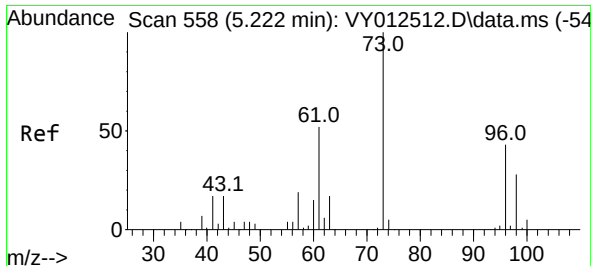
Tgt Ion: 73 Resp: 205834
Ion Ratio Lower Upper
73 100
57 19.1 15.3 22.9



#20
Methylene Chloride
Concen: 49.760 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion: 84 Resp: 84159
Ion Ratio Lower Upper
84 100
49 99.7 79.8 119.6
51 29.3 23.4 35.2
86 65.6 52.5 78.7

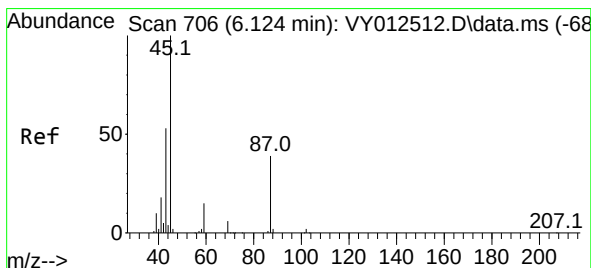
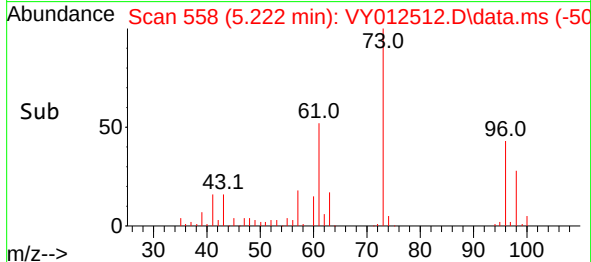
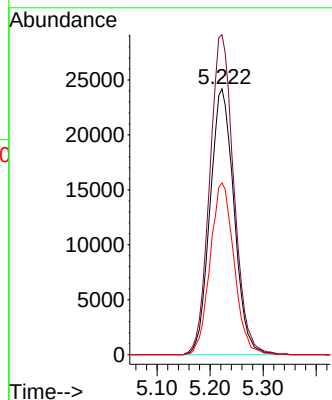
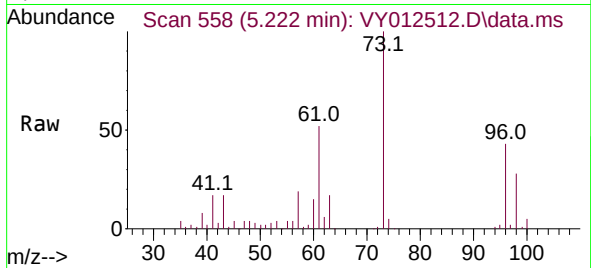




#21
trans-1,2-Dichloroethene
Concen: 47.500 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

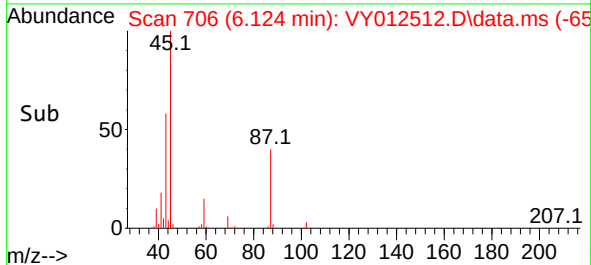
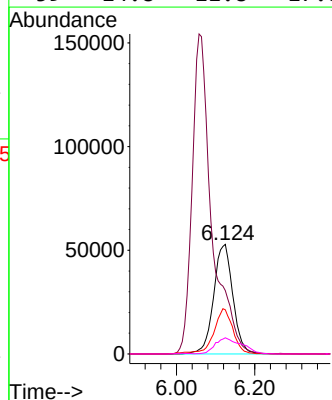
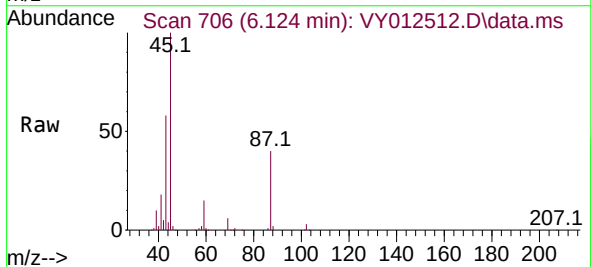
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

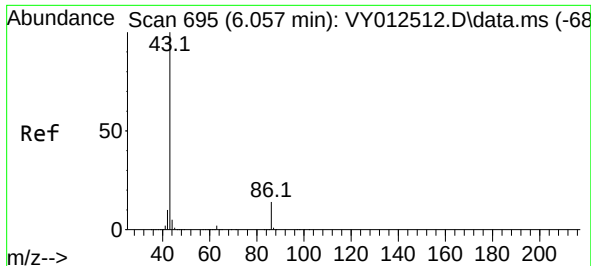
Tgt Ion: 96 Resp: 76254
Ion Ratio Lower Upper
96 100
61 120.3 96.2 144.4
98 64.5 51.6 77.4



#22
Diisopropyl ether
Concen: 49.343 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion: 45 Resp: 180069
Ion Ratio Lower Upper
45 100
43 57.4 45.9 68.9
87 40.3 32.2 48.4
59 14.8 11.8 17.8

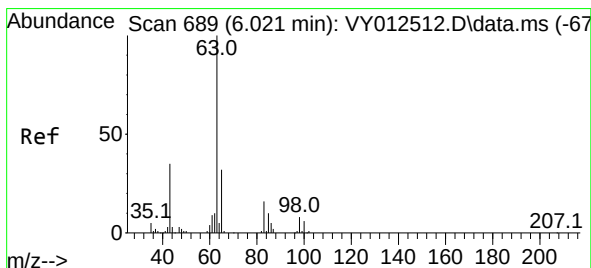
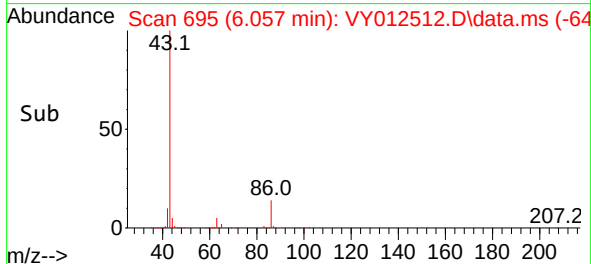
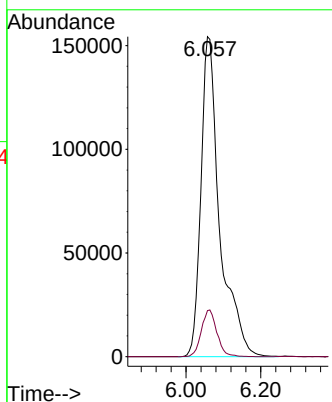
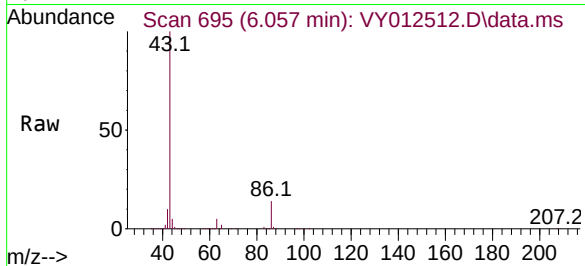




#23
 Vinyl Acetate
 Concen: 244.769 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY012512.D
 Acq: 07 Feb 2023 11:23

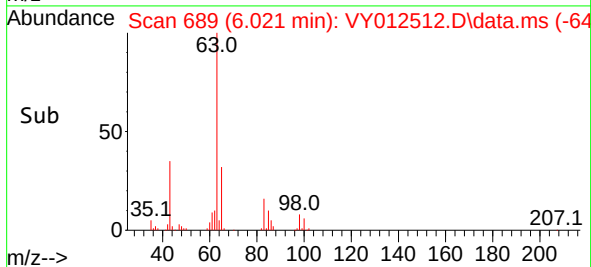
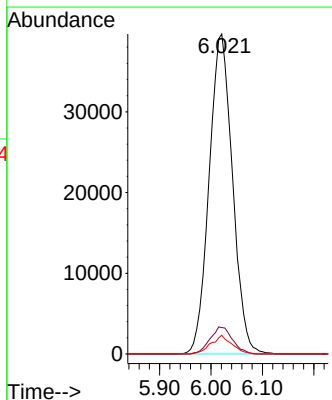
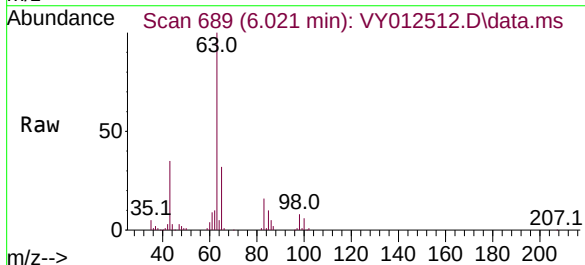
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

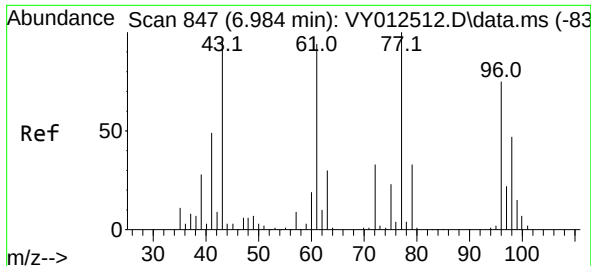
Tgt Ion: 43 Resp: 538492
 Ion Ratio Lower Upper
 43 100
 86 14.4 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 47.929 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY012512.D
 Acq: 07 Feb 2023 11:23

Tgt Ion: 63 Resp: 125038
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.1 12.3
 100 5.9 2.9 8.8





#25

2-Butanone

Concen: 228.749 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

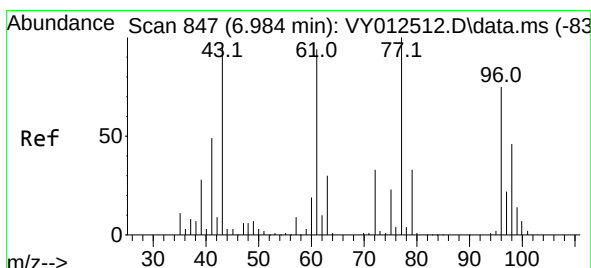
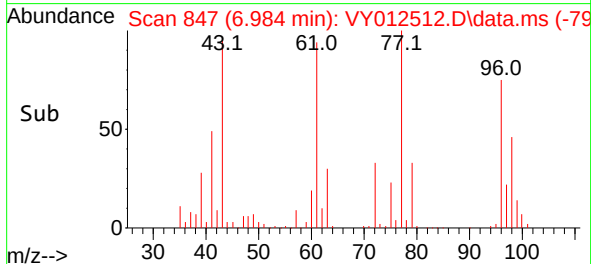
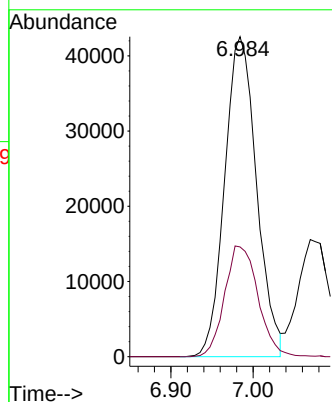
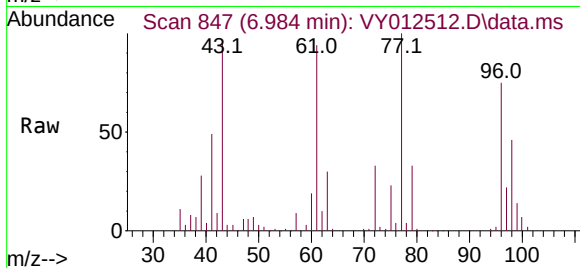
VSTDICCC050

Tgt Ion: 43 Resp: 114855

Ion Ratio Lower Upper

43 100

72 34.3 27.4 41.2



#26

2,2-Dichloropropane

Concen: 47.894 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012512.D

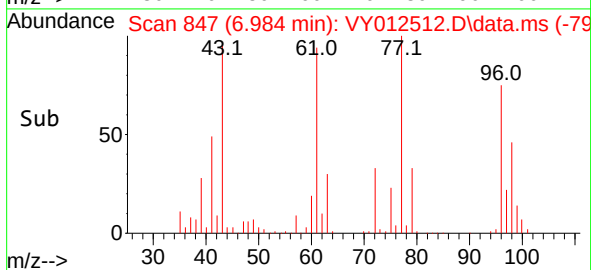
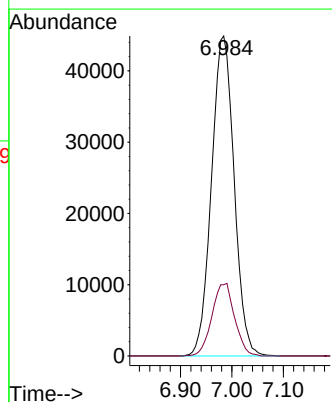
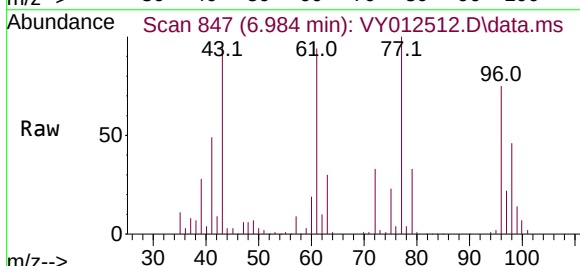
Acq: 07 Feb 2023 11:23

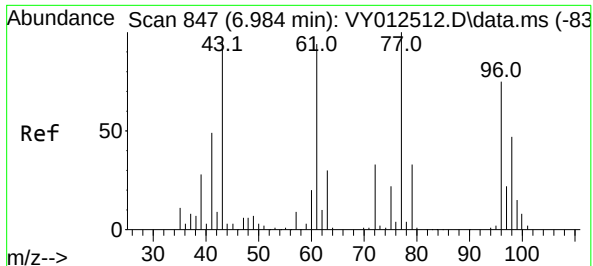
Tgt Ion: 77 Resp: 137280

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.463 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

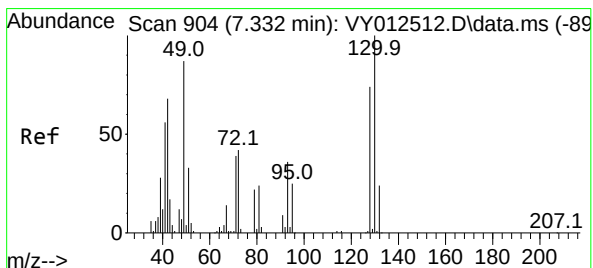
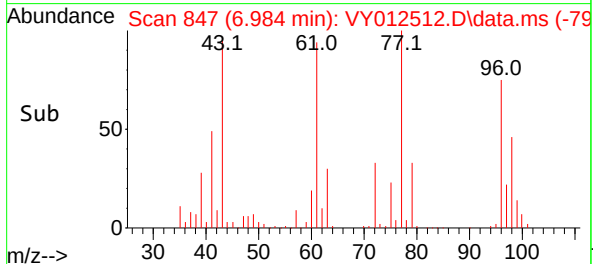
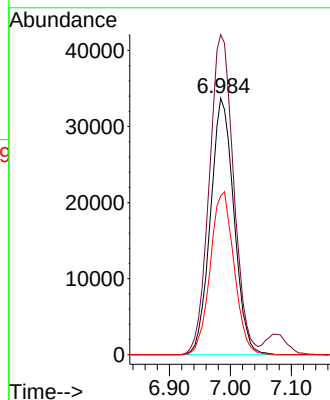
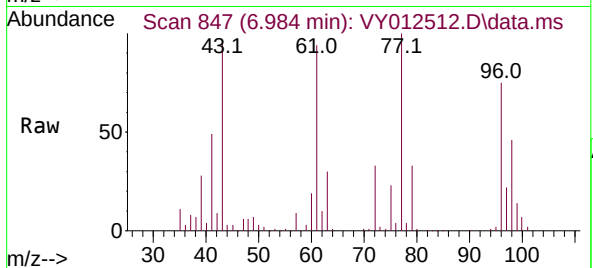
Tgt Ion: 96 Resp: 90285

Ion Ratio Lower Upper

96 100

61 129.6 0.0 259.2

98 64.5 0.0 129.0



#28

Bromochloromethane

Concen: 51.208 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

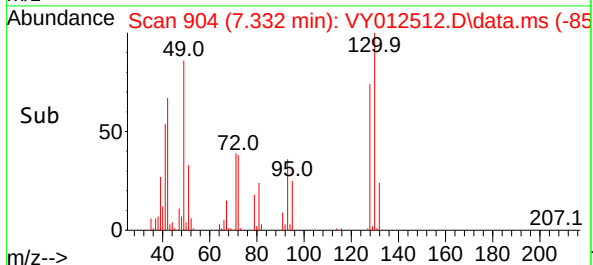
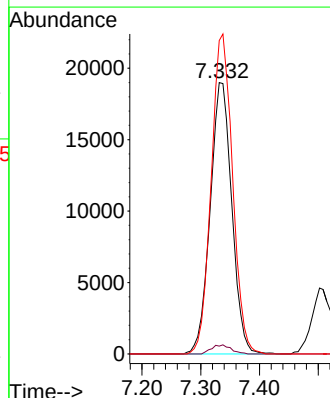
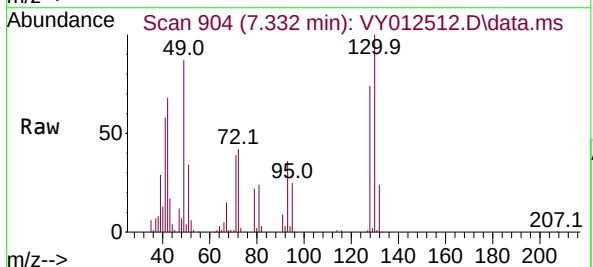
Tgt Ion: 49 Resp: 48561

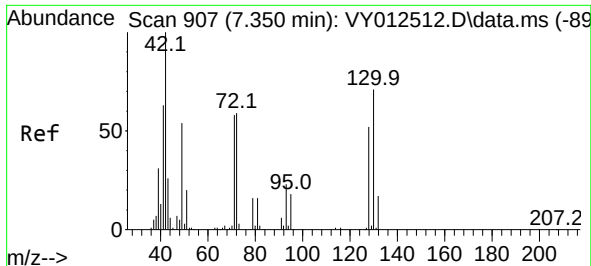
Ion Ratio Lower Upper

49 100

129 3.0 0.0 6.0

130 116.4 93.1 139.7





#29

Tetrahydrofuran

Concen: 228.212 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

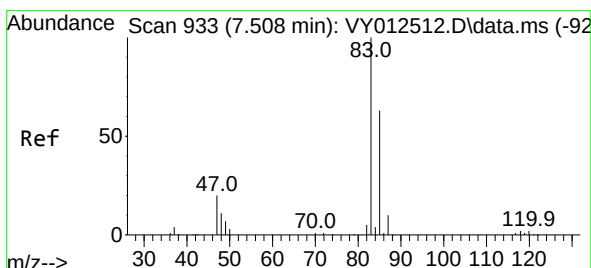
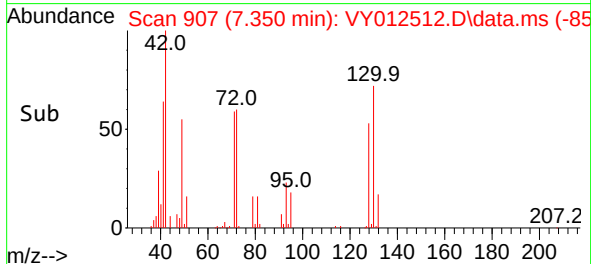
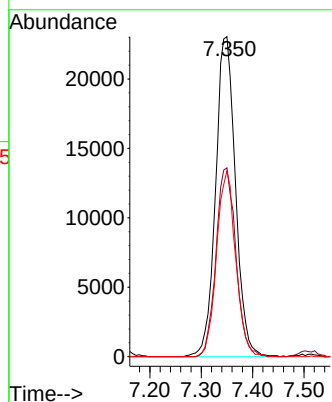
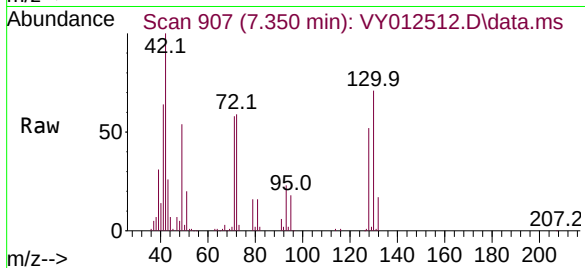
Tgt Ion: 42 Resp: 61947

Ion Ratio Lower Upper

42 100

72 58.8 47.0 70.6

71 55.7 44.6 66.8



#30

Chloroform

Concen: 48.021 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY012512.D

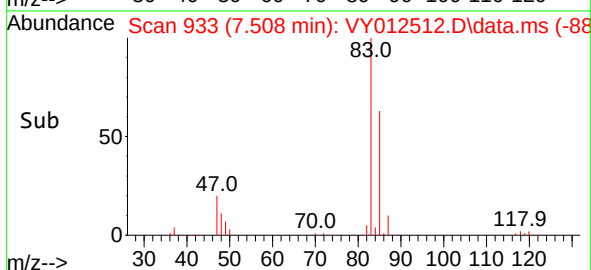
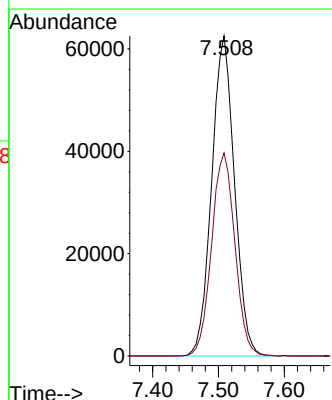
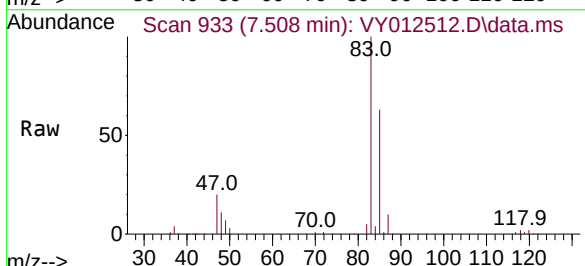
Acq: 07 Feb 2023 11:23

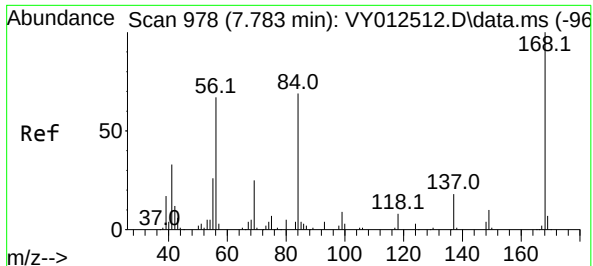
Tgt Ion: 83 Resp: 151042

Ion Ratio Lower Upper

83 100

85 63.5 50.8 76.2





#31

Cyclohexane

Concen: 45.988 ug/l

RT: 7.783 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

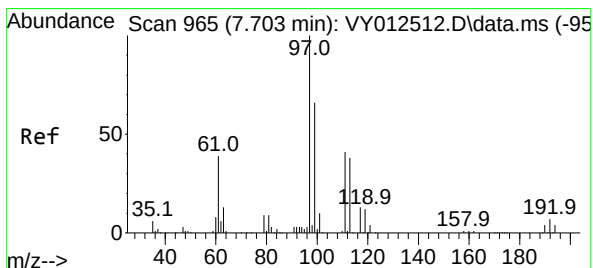
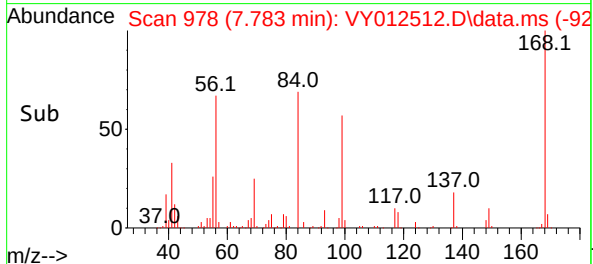
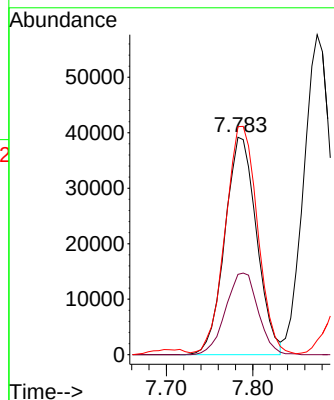
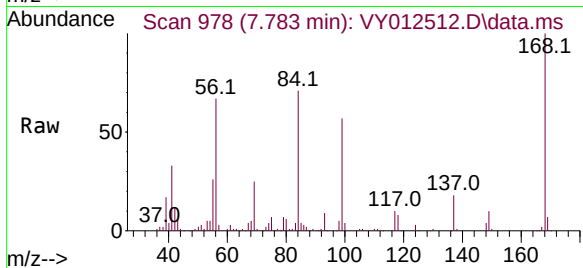
Tgt Ion: 56 Resp: 99974

Ion Ratio Lower Upper

56 100

69 36.9 29.5 44.3

84 102.4 81.9 122.9



#32

1,1,1-Trichloroethane

Concen: 48.794 ug/l

RT: 7.703 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

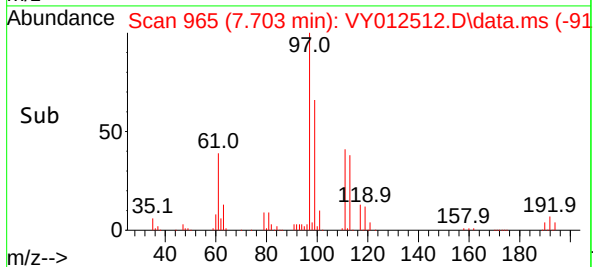
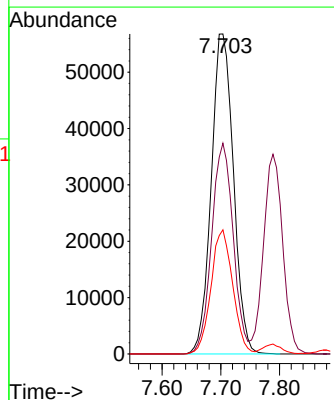
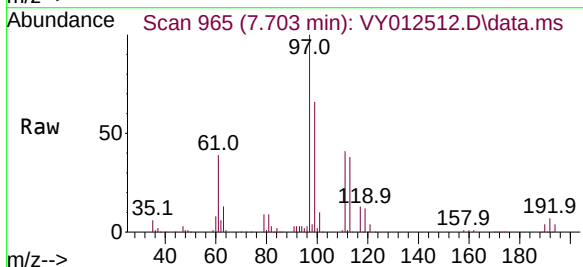
Tgt Ion: 97 Resp: 148930

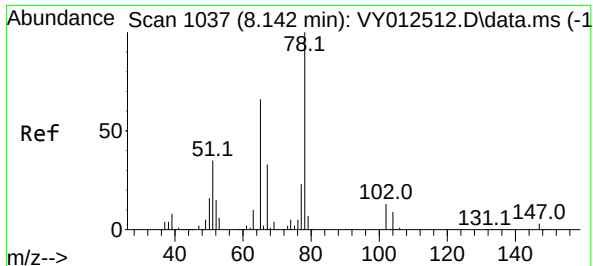
Ion Ratio Lower Upper

97 100

99 63.9 51.1 76.7

61 38.1 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 48.524 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

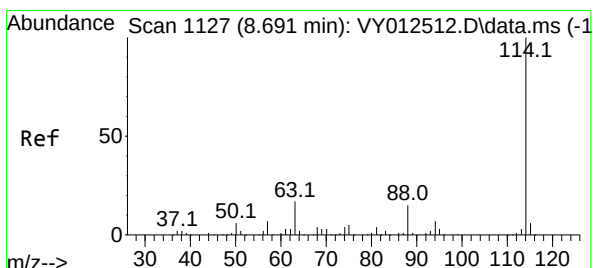
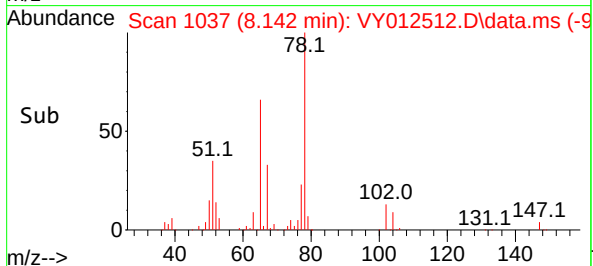
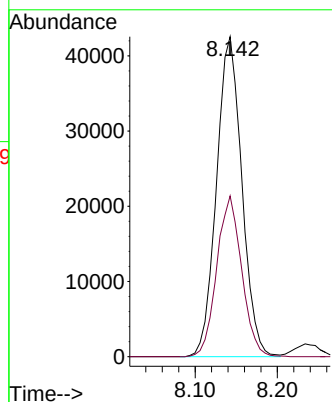
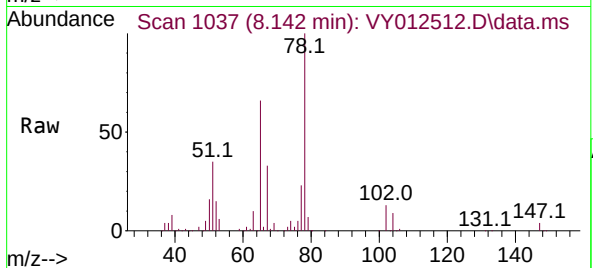
VSTDICCC050

Tgt Ion: 65 Resp: 91236

Ion Ratio Lower Upper

65 100

67 49.3 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: VY012512.D

Acq: 07 Feb 2023 11:23

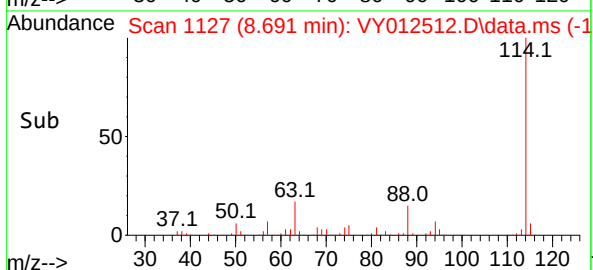
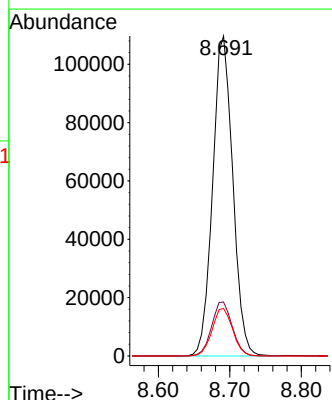
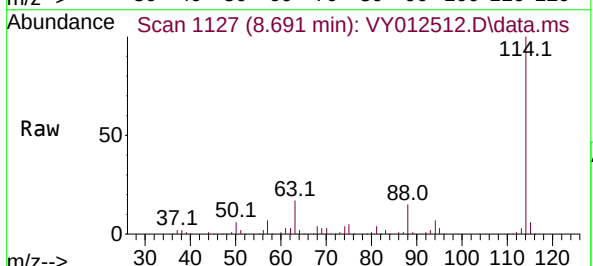
Tgt Ion: 114 Resp: 214503

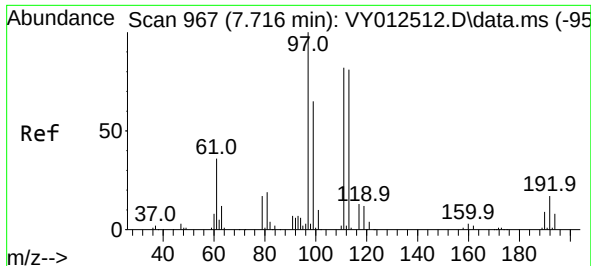
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.6

88 14.9 0.0 29.8

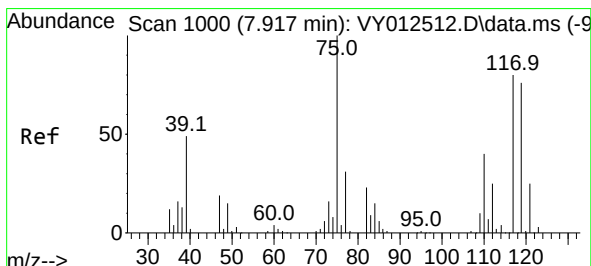
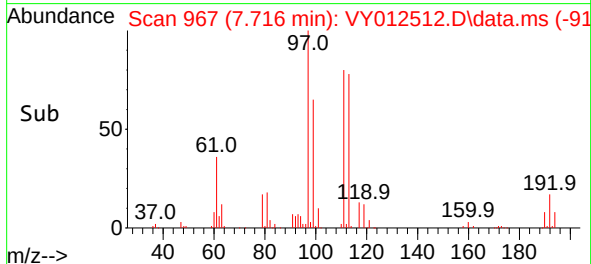
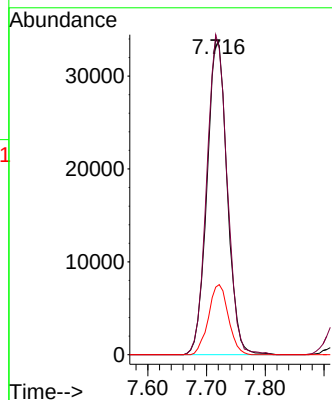
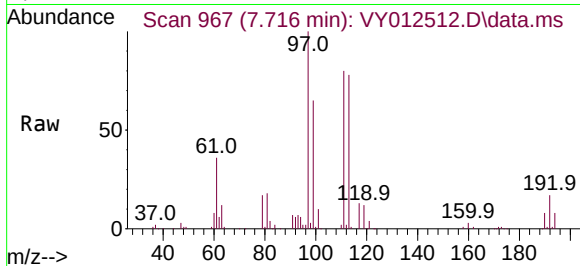




#35
Dibromofluoromethane
Concen: 51.801 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

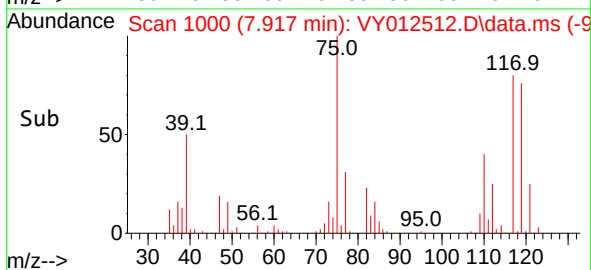
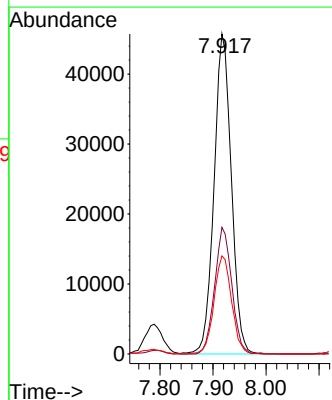
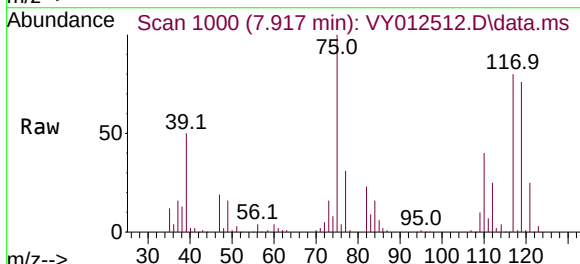
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

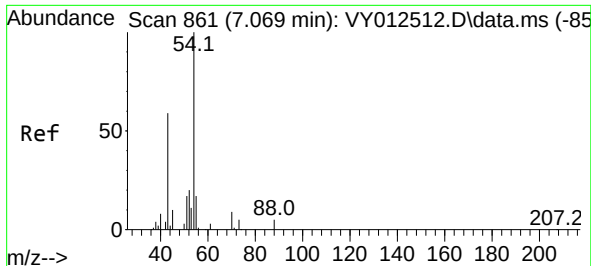
Tgt Ion:113 Resp: 80920
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 21.9 17.5 26.3



#36
1,1-Dichloropropene
Concen: 49.089 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion: 75 Resp: 103784
Ion Ratio Lower Upper
75 100
110 39.0 19.5 58.5
77 31.1 24.9 37.3





#37

Ethyl Acetate

Concen: 46.236 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

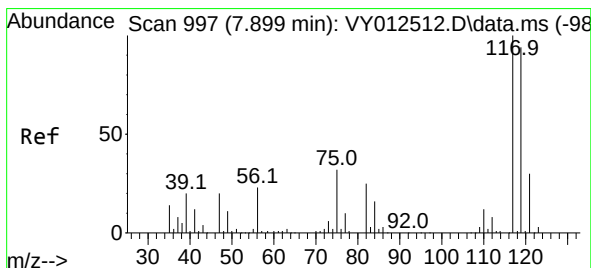
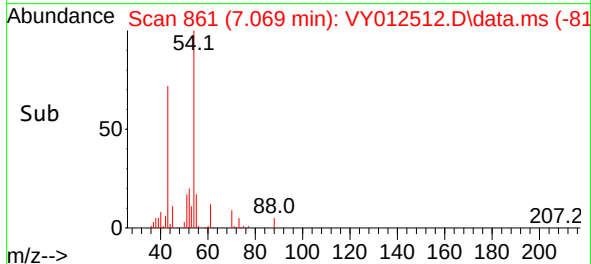
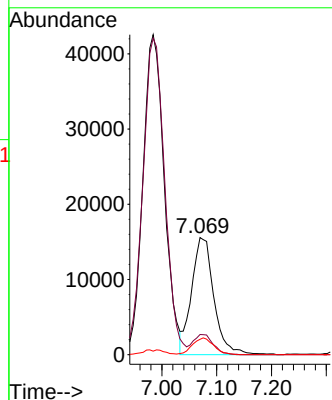
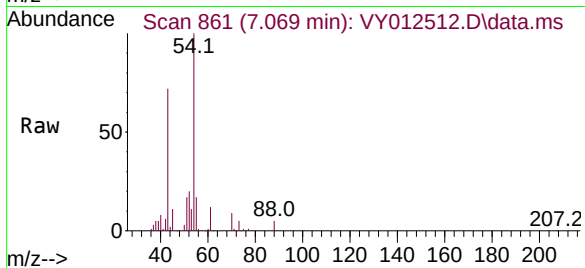
Tgt Ion: 43 Resp: 44109

Ion Ratio Lower Upper

43 100

61 15.6 12.5 18.7

70 13.7 11.0 16.4



#38

Carbon Tetrachloride

Concen: 48.953 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

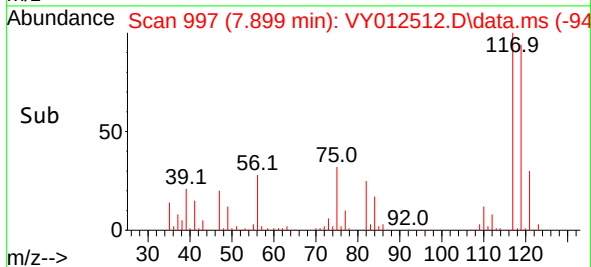
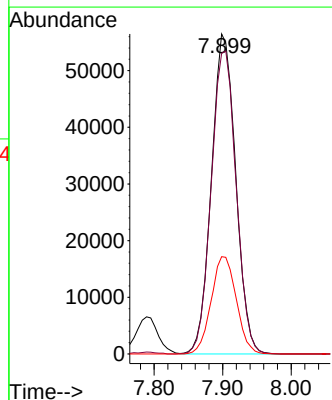
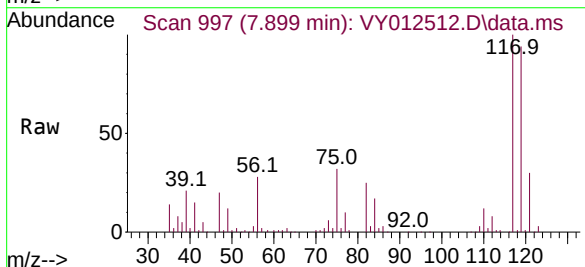
Tgt Ion: 117 Resp: 138930

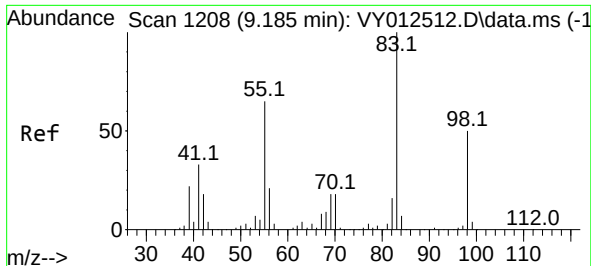
Ion Ratio Lower Upper

117 100

119 93.9 75.1 112.7

121 30.4 24.3 36.5





#39

Methylcyclohexane

Concen: 49.585 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

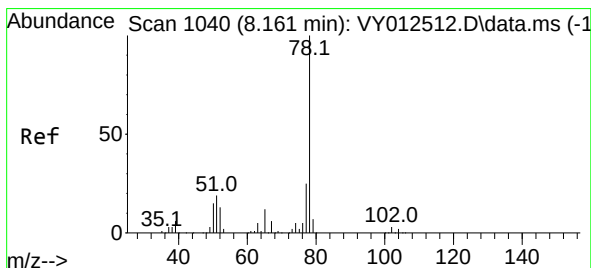
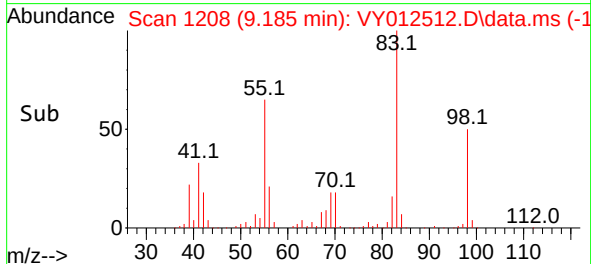
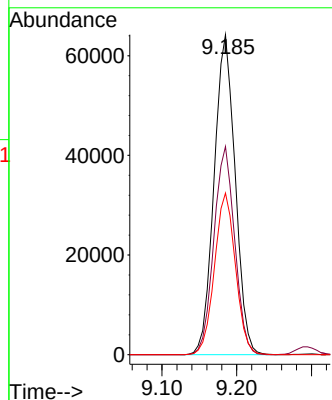
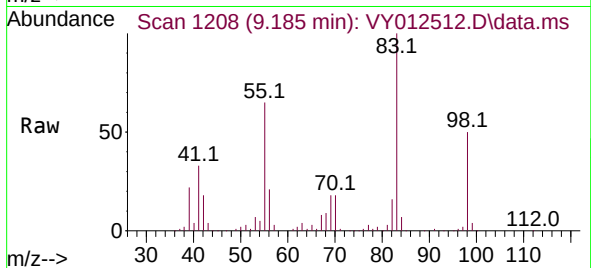
Tgt Ion: 83 Resp: 126146

Ion Ratio Lower Upper

83 100

55 65.0 52.0 78.0

98 50.5 40.4 60.6



#40

Benzene

Concen: 49.001 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012512.D

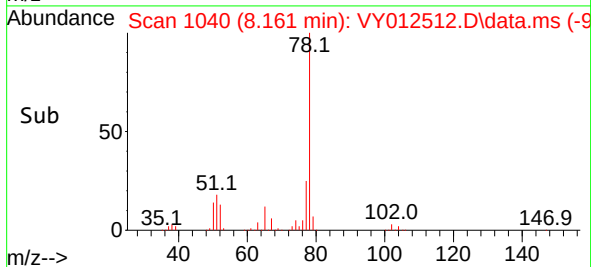
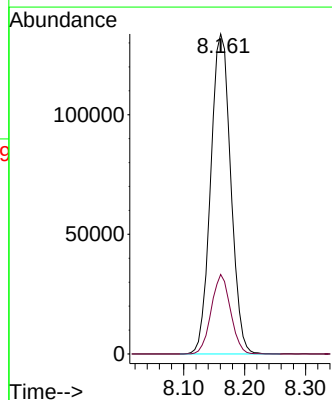
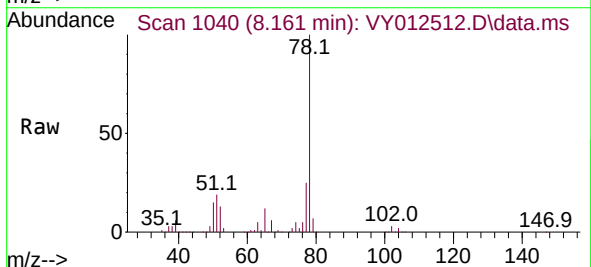
Acq: 07 Feb 2023 11:23

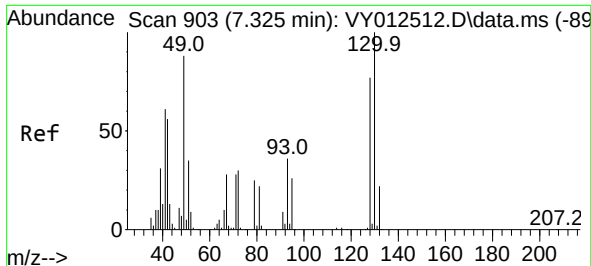
Tgt Ion: 78 Resp: 305988

Ion Ratio Lower Upper

78 100

77 24.9 19.9 29.9

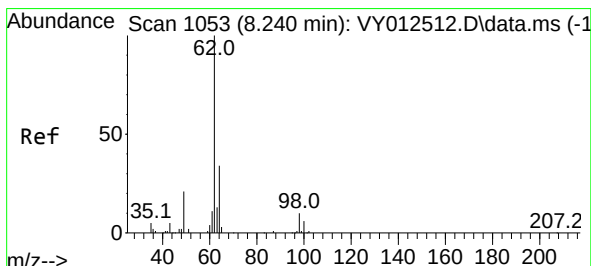
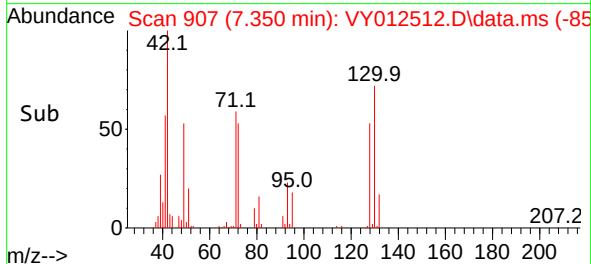
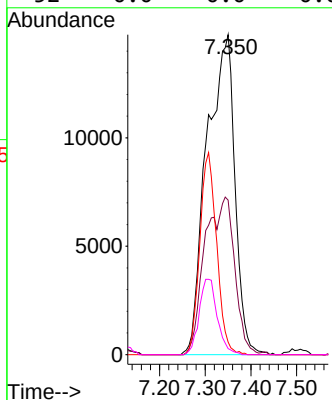
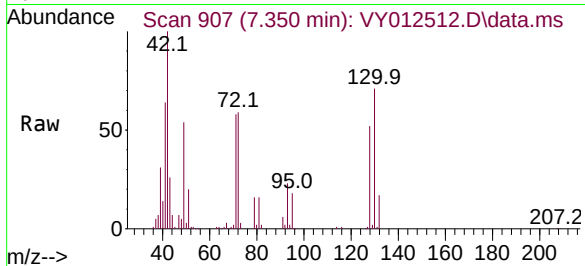




#41
Methacrylonitrile
Concen: 120.170 ug/l
RT: 7.350 min Scan# 90
Delta R.T. 0.024 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

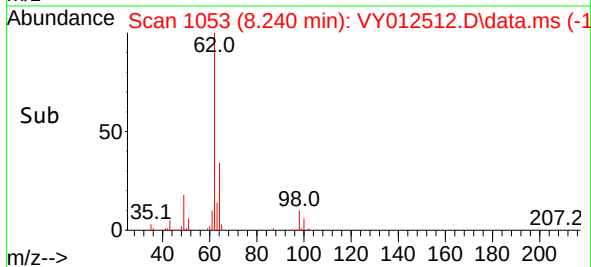
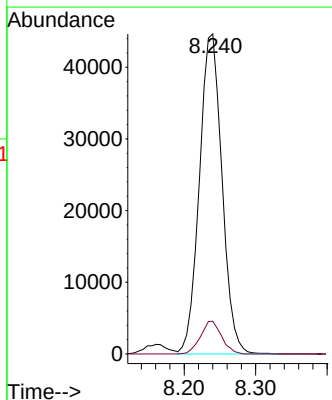
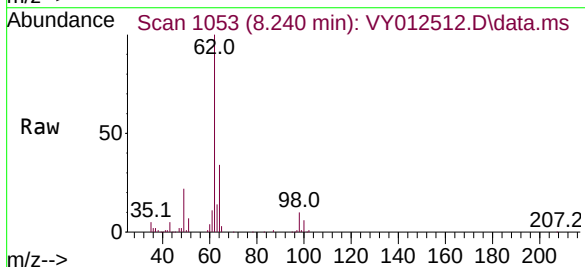
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

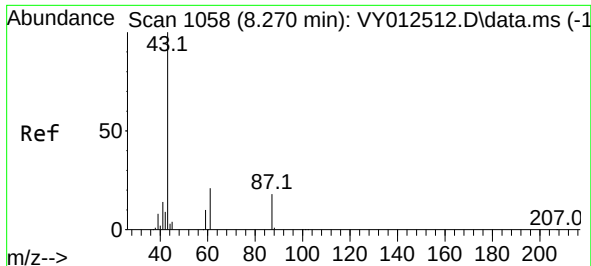
Tgt Ion: 41 Resp: 62795
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 48.456 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion: 62 Resp: 98074
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.2

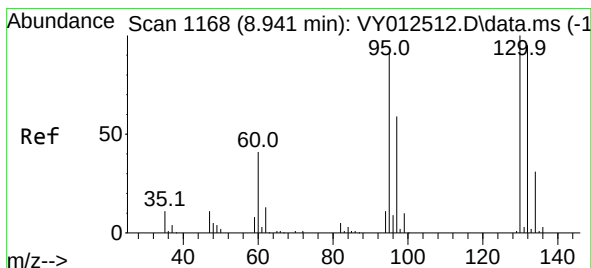
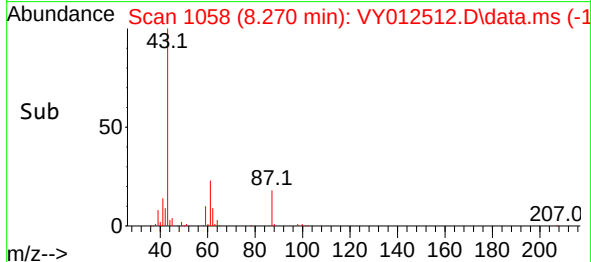
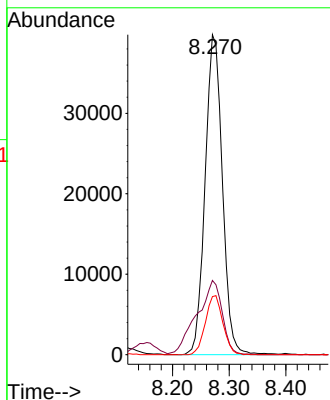
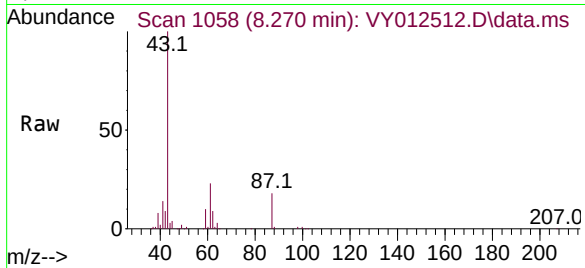




#43
Isopropyl Acetate
Concen: 47.621 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

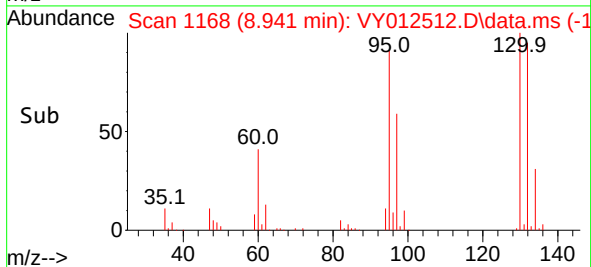
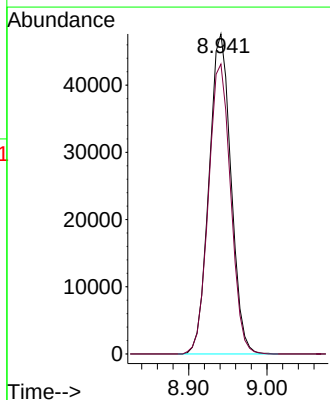
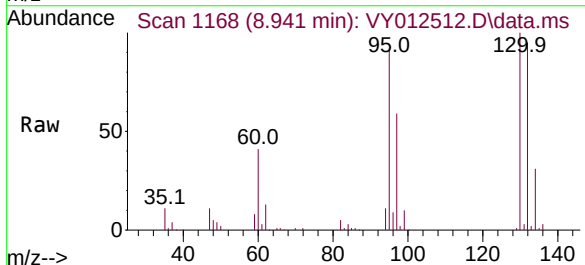
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

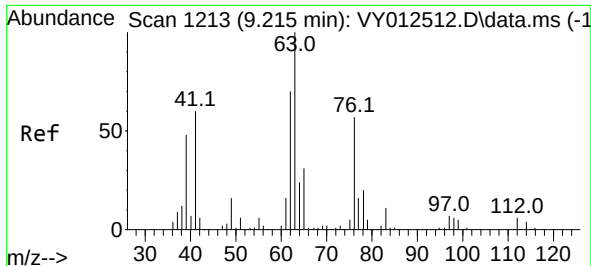
Tgt Ion: 43 Resp: 84232
Ion Ratio Lower Upper
43 100
61 34.0 27.2 40.8
87 18.7 15.0 22.4



#44
Trichloroethene
Concen: 48.787 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion:130 Resp: 92739
Ion Ratio Lower Upper
130 100
95 90.6 0.0 181.2

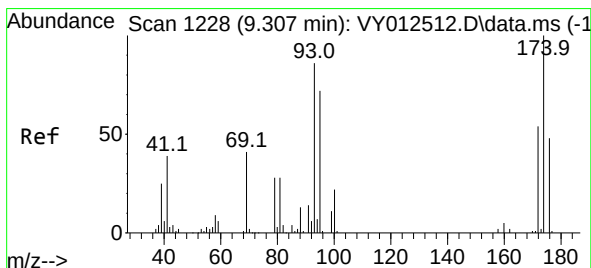
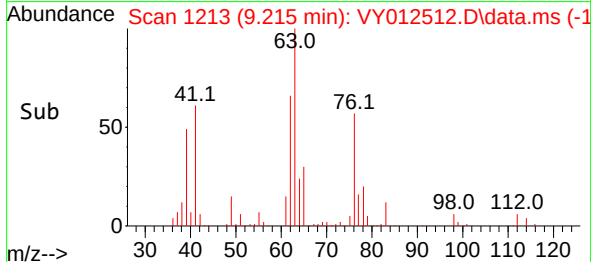
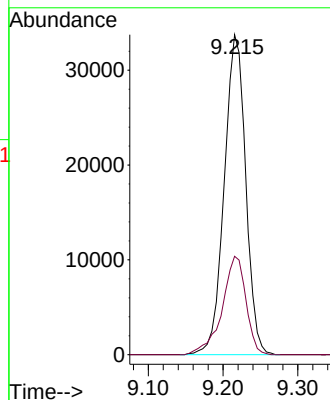
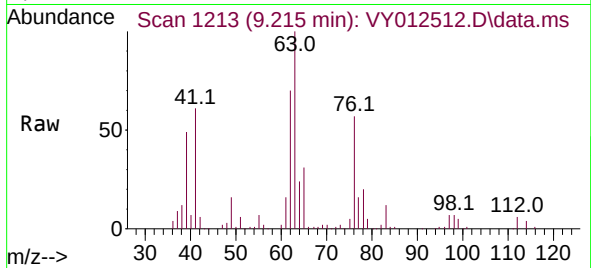




#45
1,2-Dichloropropane
Concen: 49.841 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

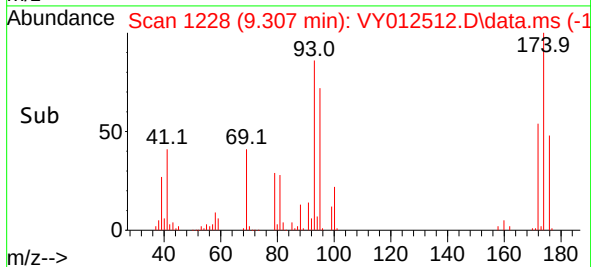
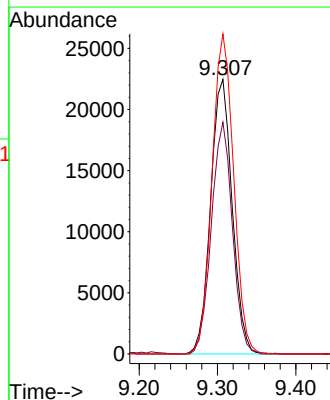
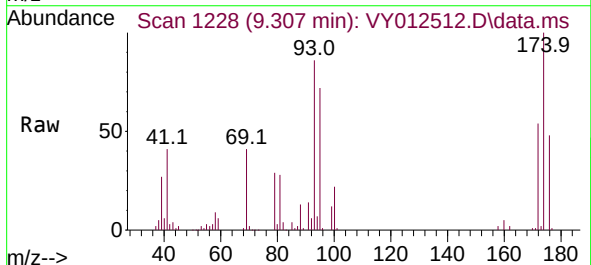
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

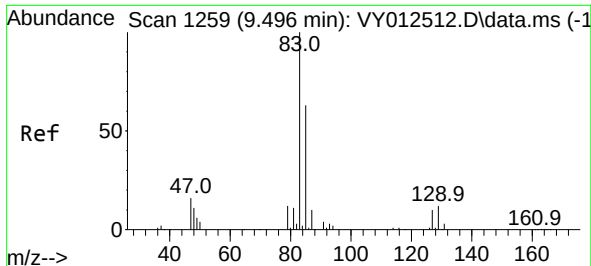
Tgt Ion: 63 Resp: 67487
Ion Ratio Lower Upper
63 100
65 30.8 24.6 37.0



#46
Dibromomethane
Concen: 47.943 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion: 93 Resp: 42984
Ion Ratio Lower Upper
93 100
95 82.3 65.8 98.8
174 116.8 93.4 140.2

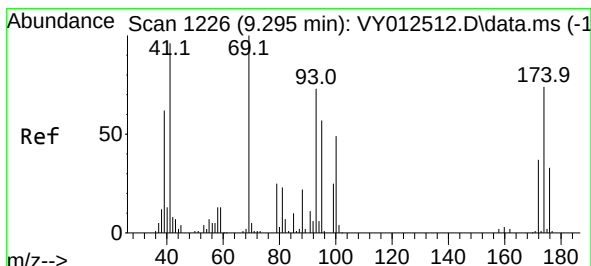
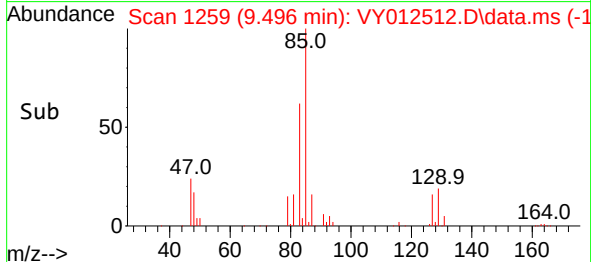
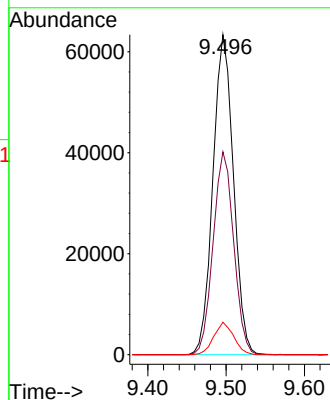
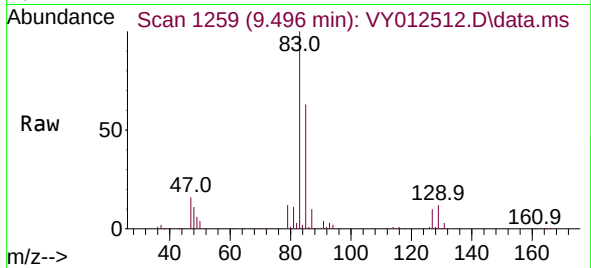




#47
Bromodichloromethane
Concen: 49.634 ug/l
RT: 9.496 min Scan# 115381
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

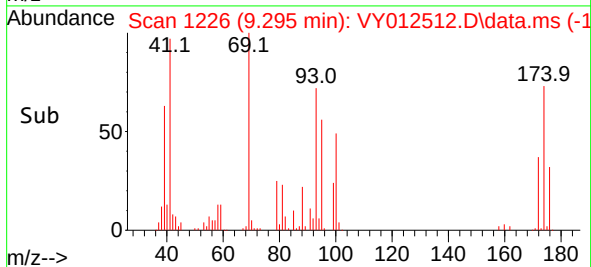
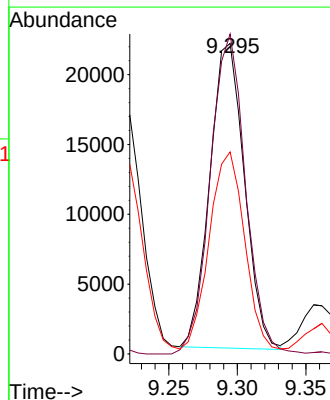
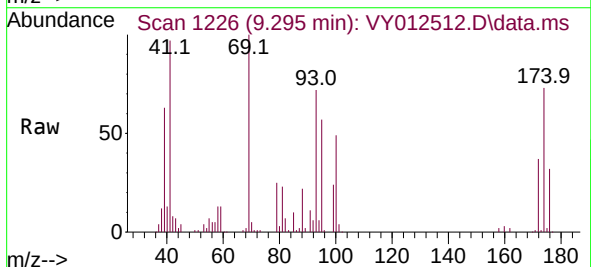
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

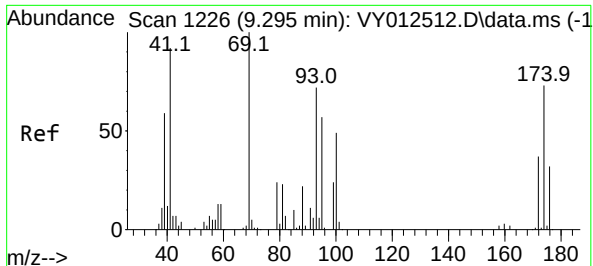
Tgt Ion: 83 Resp: 115381
Ion Ratio Lower Upper
83 100
85 63.4 50.7 76.1
127 10.1 8.1 12.1



#48
Methyl methacrylate
Concen: 47.362 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion: 41 Resp: 38292
Ion Ratio Lower Upper
41 100
69 106.8 85.4 128.2
39 65.9 52.7 79.1





#49

1,4-Dioxane

Concen: 936.203 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

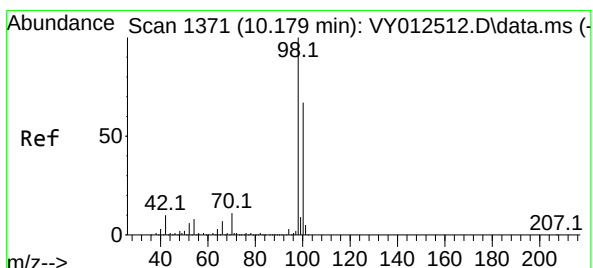
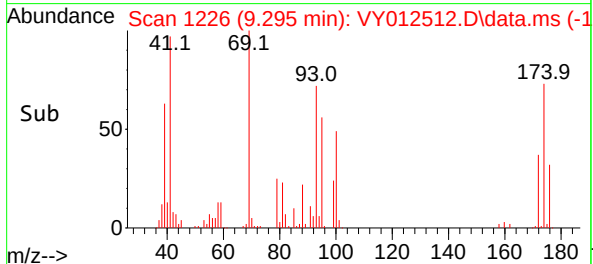
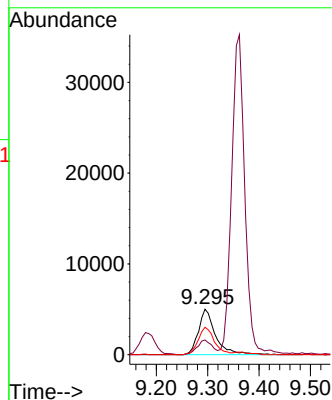
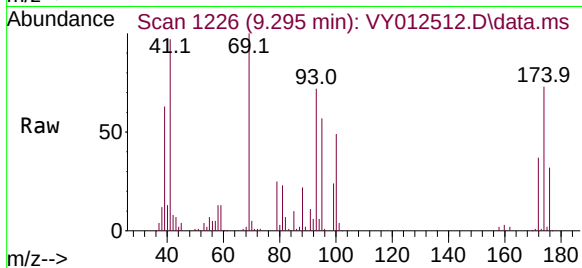
Tgt Ion: 88 Resp: 11587

Ion Ratio Lower Upper

88 100

43 28.2 22.6 33.8

58 56.7 45.4 68.0



#50

Toluene-d8

Concen: 51.835 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012512.D

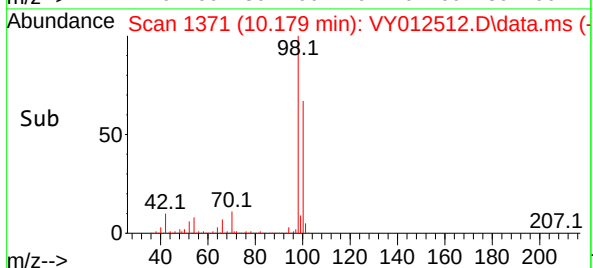
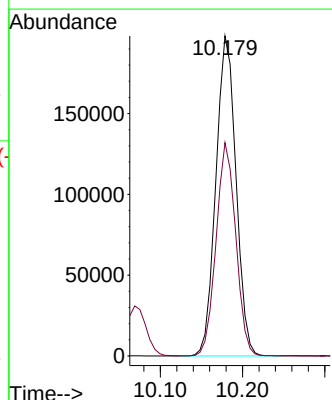
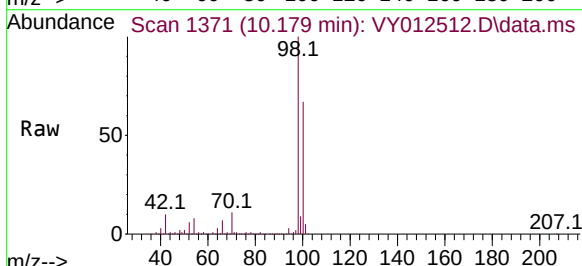
Acq: 07 Feb 2023 11:23

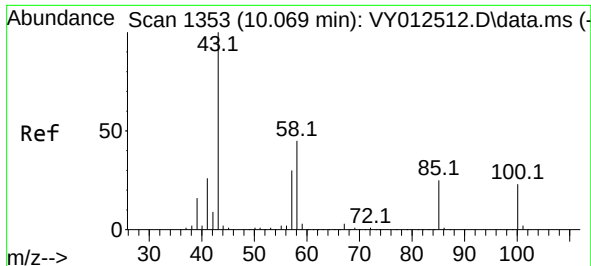
Tgt Ion: 98 Resp: 337033

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2

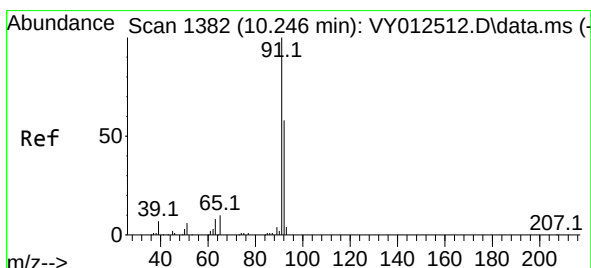
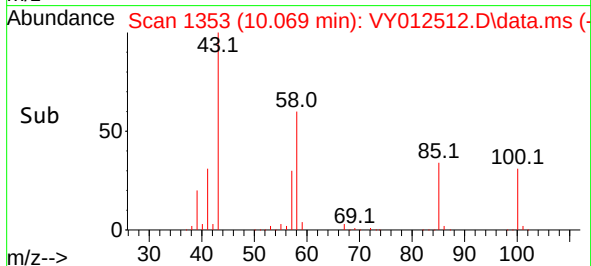
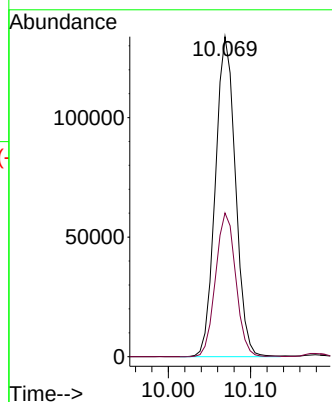
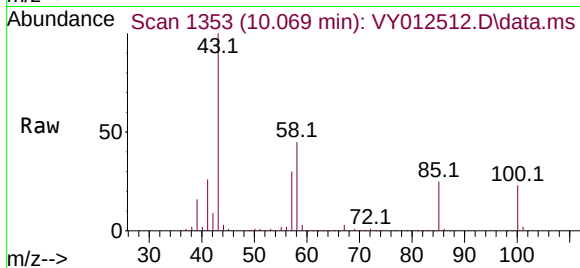




#51
4-Methyl-2-Pentanone
Concen: 237.677 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

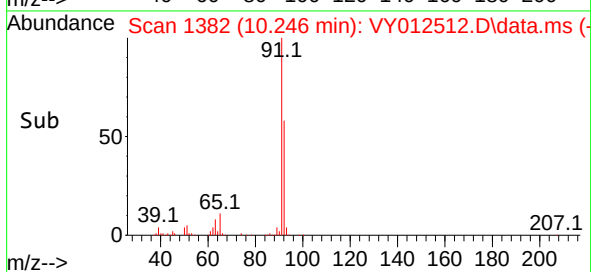
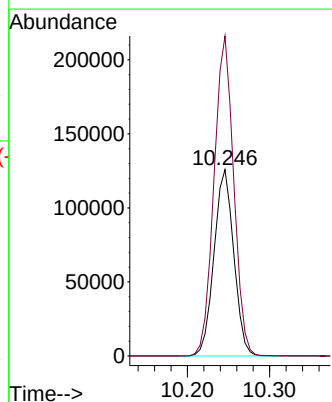
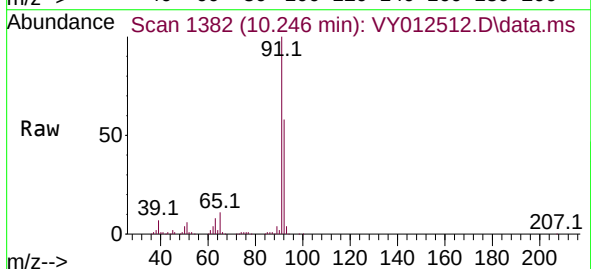
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

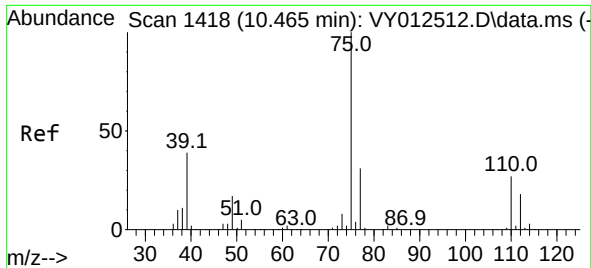
Tgt Ion: 43 Resp: 226819
Ion Ratio Lower Upper
43 100
58 45.2 36.2 54.2



#52
Toluene
Concen: 49.563 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion: 92 Resp: 209882
Ion Ratio Lower Upper
92 100
91 171.5 137.2 205.8

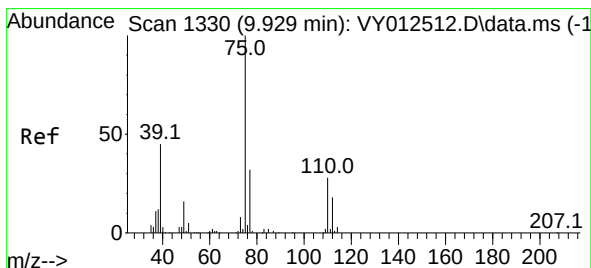
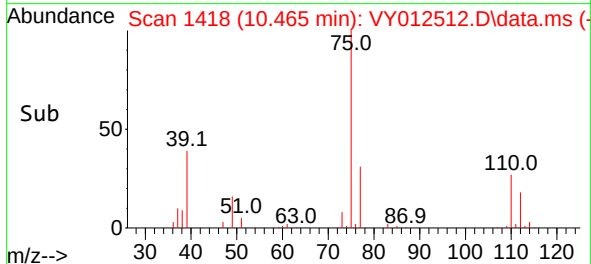
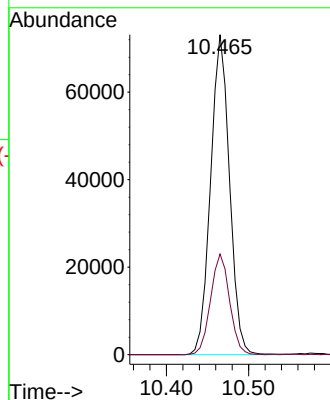
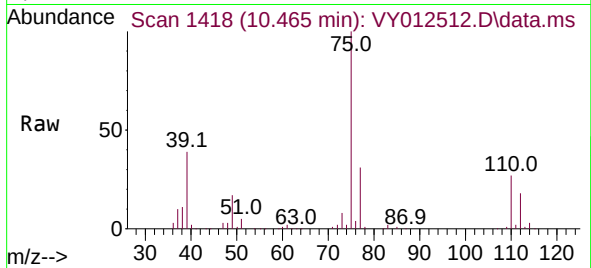




#53
 t-1,3-Dichloropropene
 Concen: 49.873 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012512.D
 Acq: 07 Feb 2023 11:23

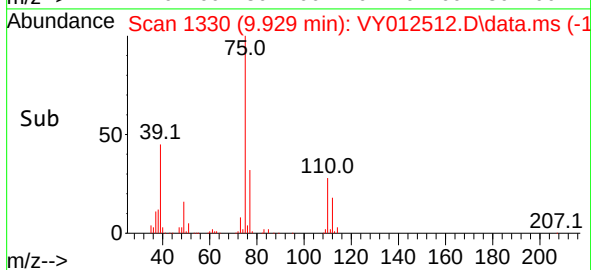
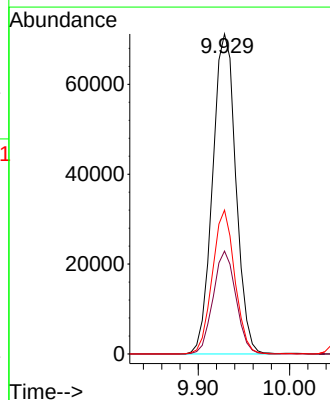
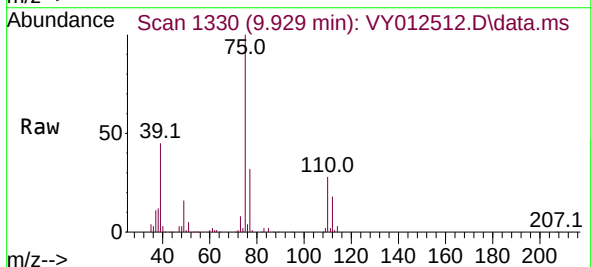
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

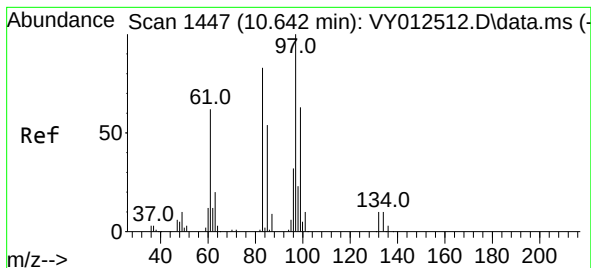
Tgt Ion: 75 Resp: 116827
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 49.743 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY012512.D
 Acq: 07 Feb 2023 11:23

Tgt Ion: 75 Resp: 126096
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.7 38.5
 39 45.0 36.0 54.0





#55

1,1,2-Trichloroethane

Concen: 48.646 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 63728

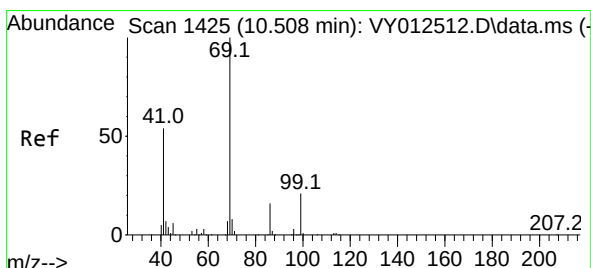
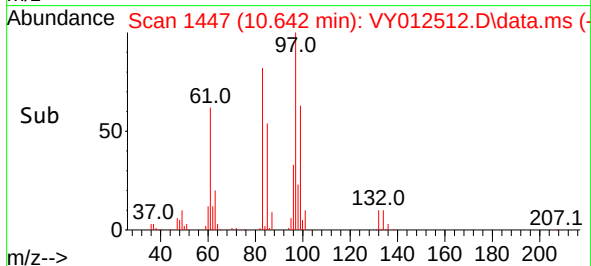
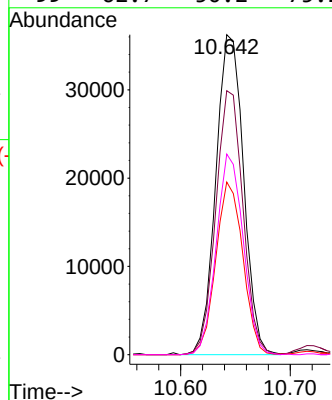
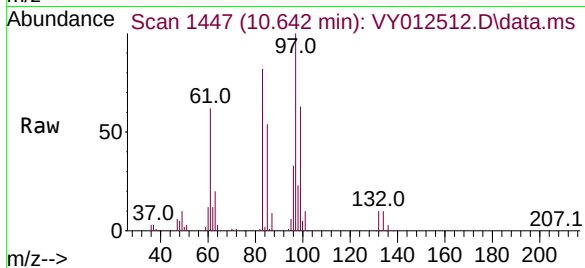
Ion Ratio Lower Upper

97 100

83 82.5 66.0 99.0

85 53.9 43.1 64.7

99 62.7 50.2 75.2



#56

Ethyl methacrylate

Concen: 49.190 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

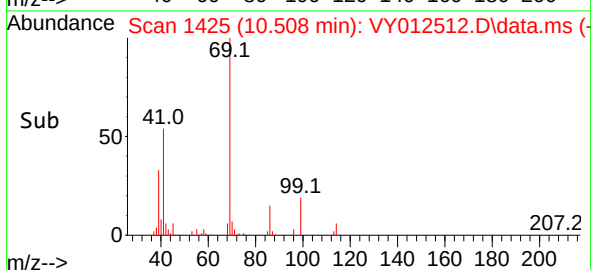
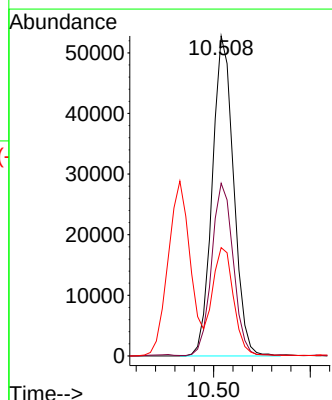
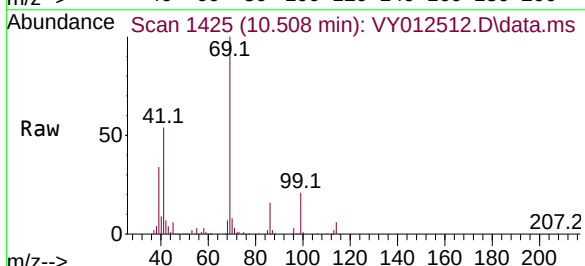
Tgt Ion: 69 Resp: 80962

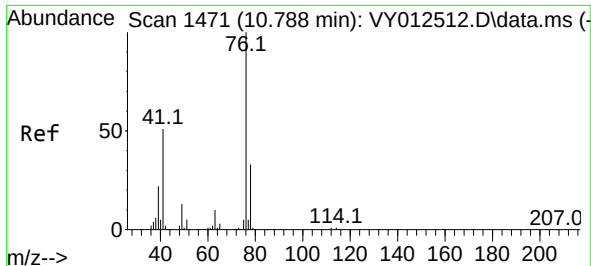
Ion Ratio Lower Upper

69 100

41 54.3 43.4 65.2

39 33.1 26.5 39.7





#57

1,3-Dichloropropane

Concen: 48.708 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

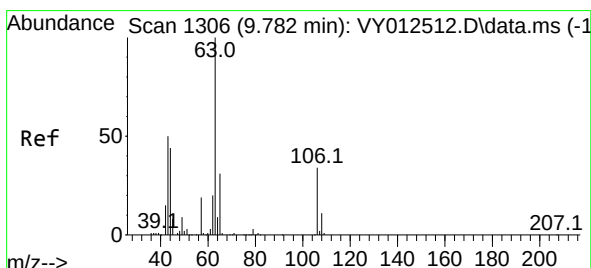
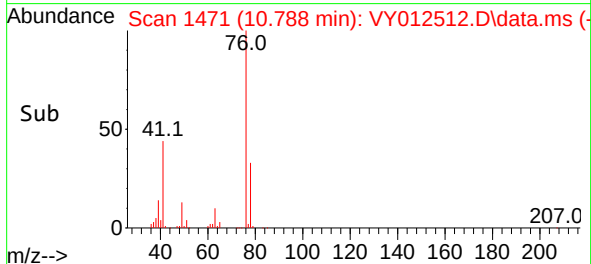
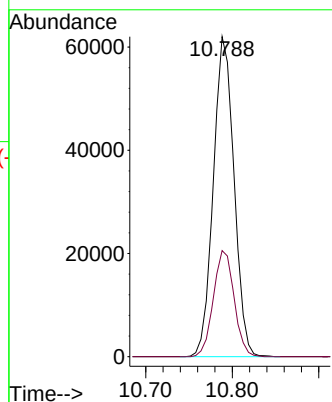
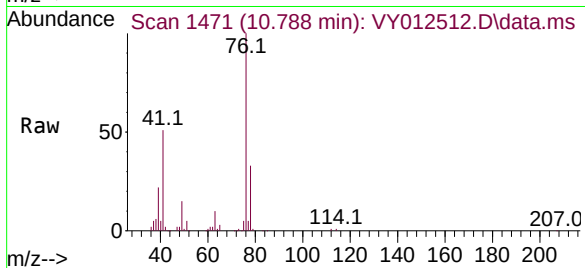
VSTDICCC050

Tgt Ion: 76 Resp: 102983

Ion Ratio Lower Upper

76 100

78 33.2 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 245.262 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012512.D

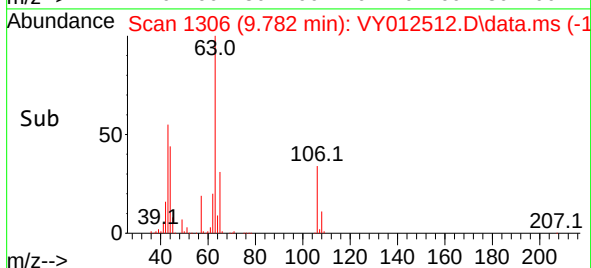
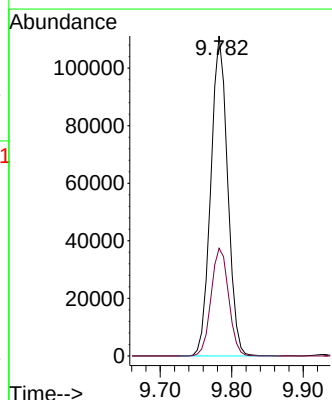
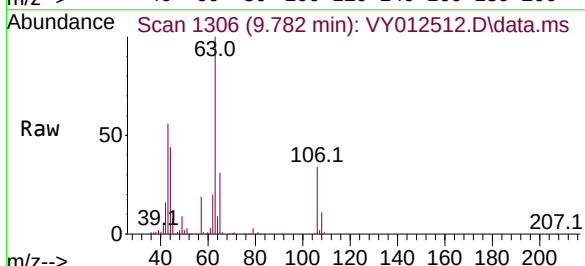
Acq: 07 Feb 2023 11:23

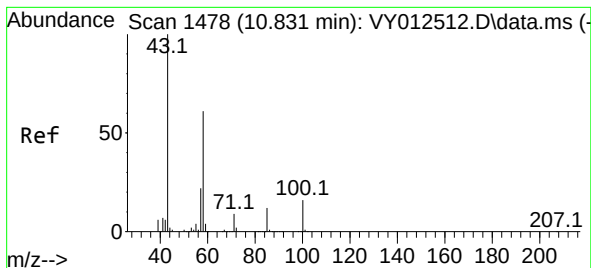
Tgt Ion: 63 Resp: 181443

Ion Ratio Lower Upper

63 100

106 35.0 28.0 42.0

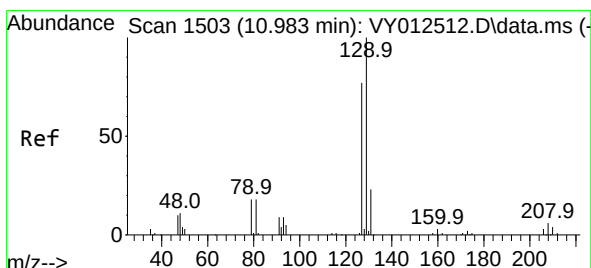
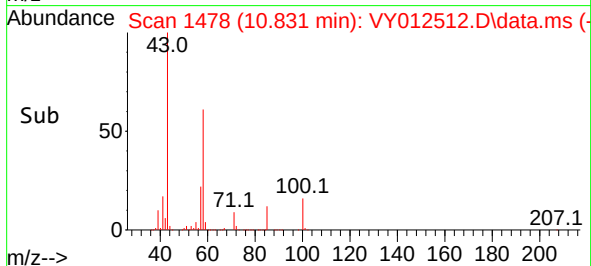
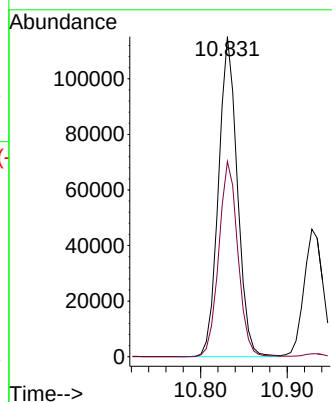
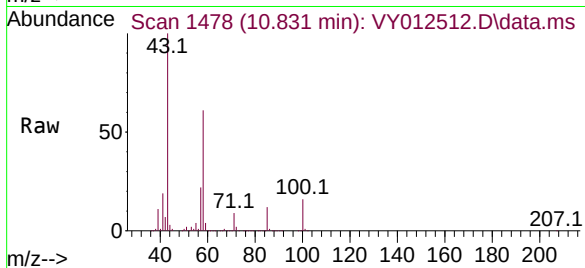




#59
2-Hexanone
Concen: 241.454 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

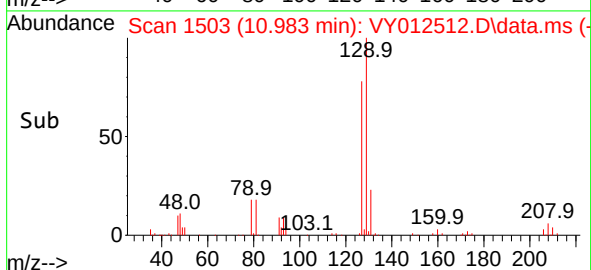
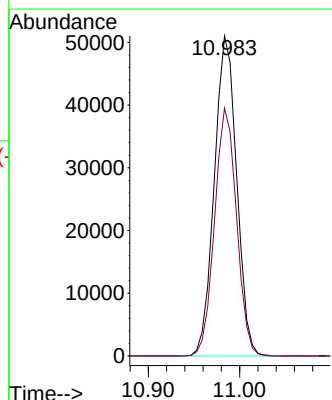
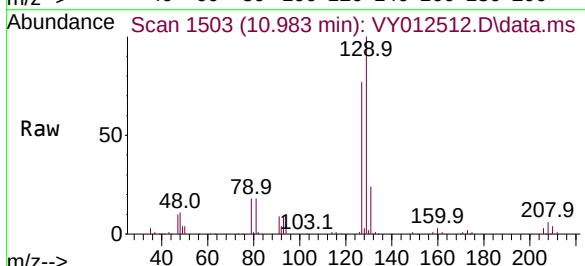
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

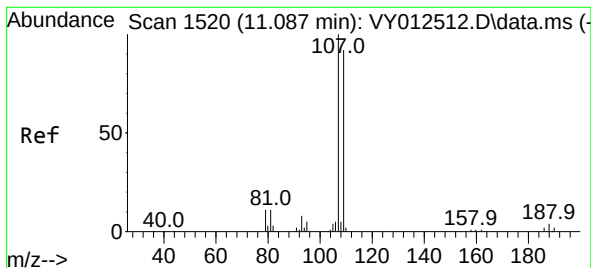
Tgt Ion: 43 Resp: 174134
Ion Ratio Lower Upper
43 100
58 61.7 30.9 92.5



#60
Dibromochloromethane
Concen: 49.643 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion: 129 Resp: 86691
Ion Ratio Lower Upper
129 100
127 76.1 38.0 114.1





#61

1,2-Dibromoethane

Concen: 48.370 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

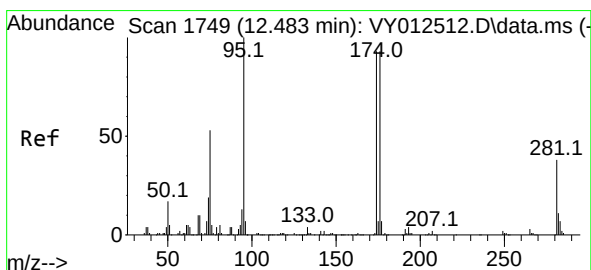
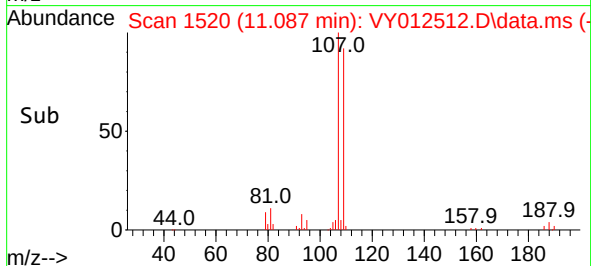
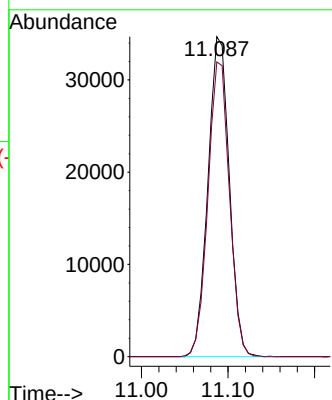
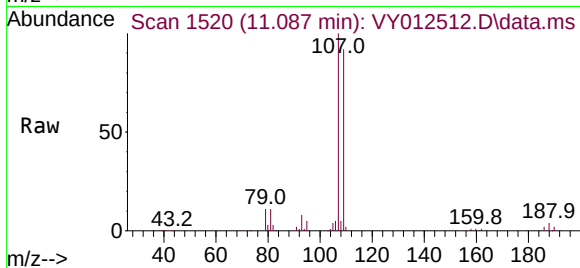
VSTDICCC050

Tgt Ion:107 Resp: 59373

Ion Ratio Lower Upper

107 100

109 92.7 74.2 111.2



#62

4-Bromofluorobenzene

Concen: 48.817 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

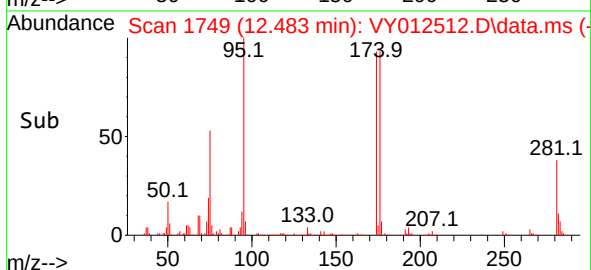
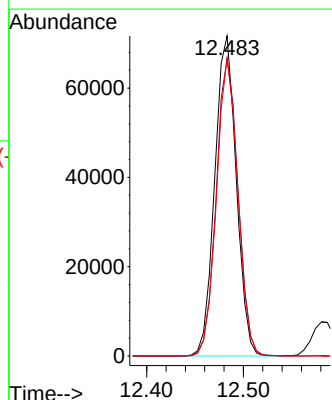
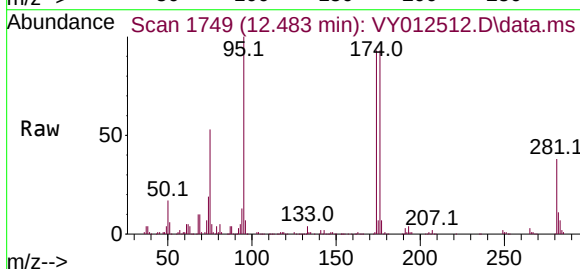
Tgt Ion: 95 Resp: 110714

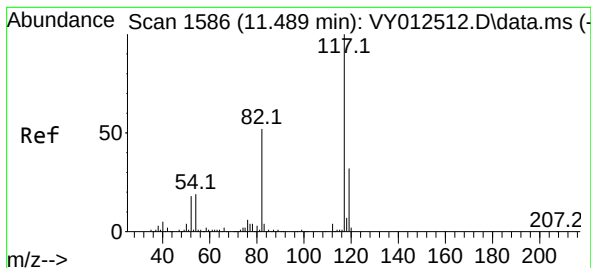
Ion Ratio Lower Upper

95 100

174 94.0 0.0 188.0

176 91.8 0.0 183.6

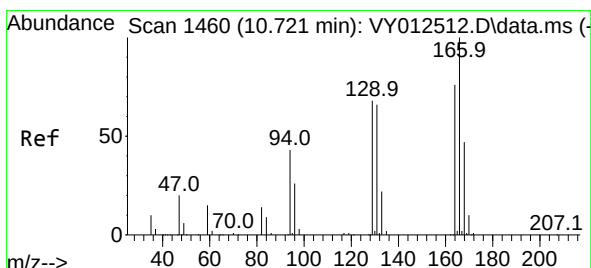
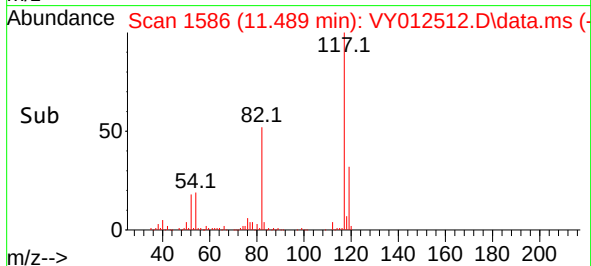
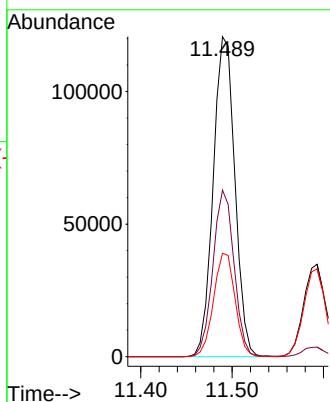
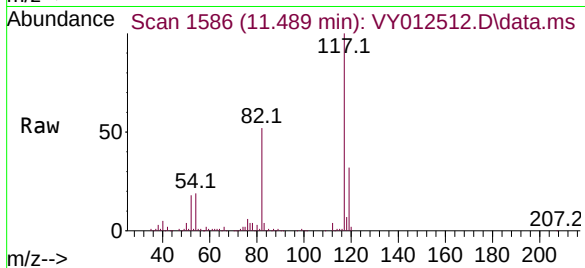




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

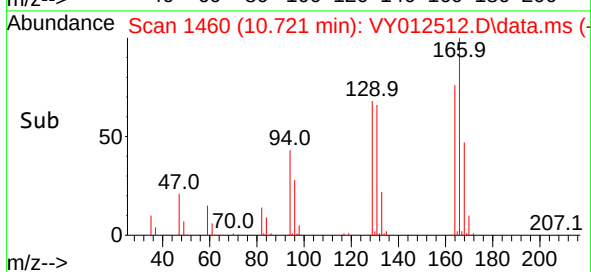
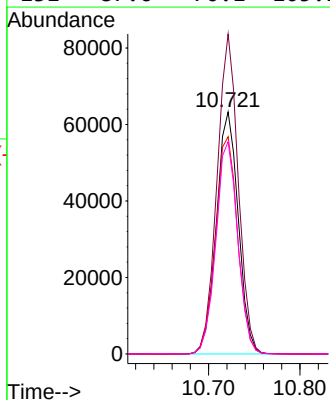
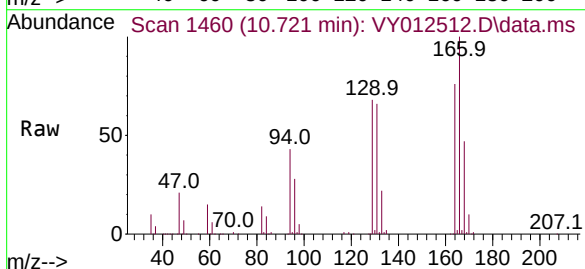
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

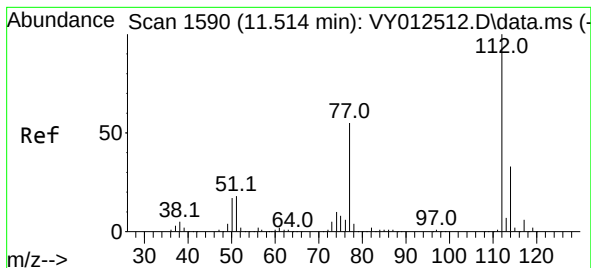
Tgt Ion:117 Resp: 198967
Ion Ratio Lower Upper
117 100
82 52.1 41.7 62.5
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 50.844 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion:164 Resp: 105613
Ion Ratio Lower Upper
164 100
166 132.1 105.7 158.5
129 89.7 71.8 107.6
131 87.6 70.1 105.1

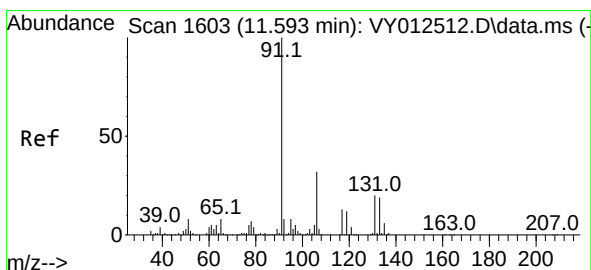
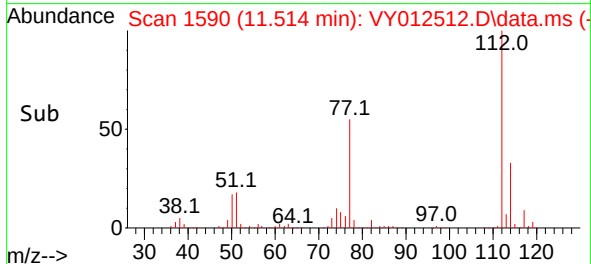
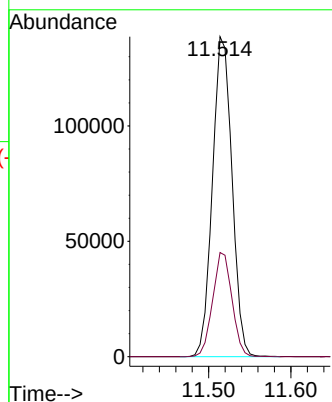
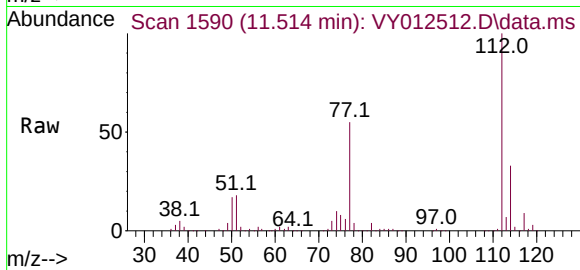




#65
Chlorobenzene
Concen: 48.560 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

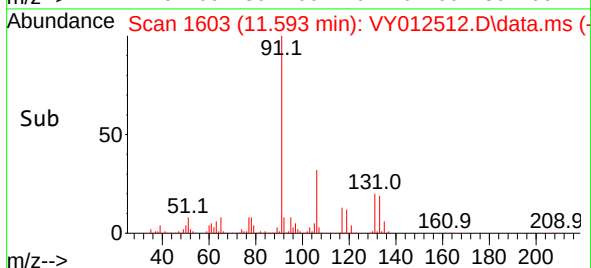
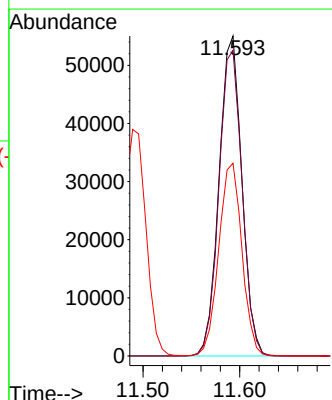
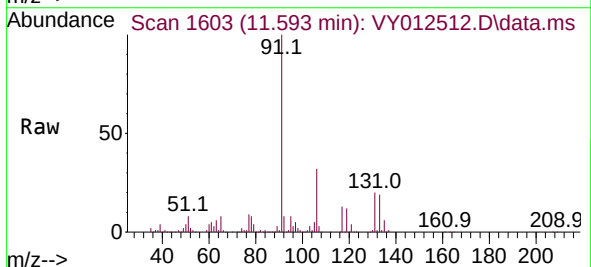
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

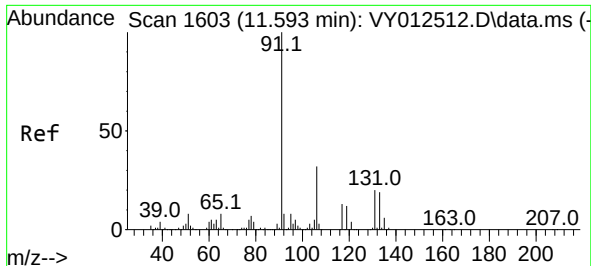
Tgt Ion:112 Resp: 229163
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 48.695 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion:131 Resp: 90052
Ion Ratio Lower Upper
131 100
133 97.0 48.5 145.5
119 61.4 30.7 92.1

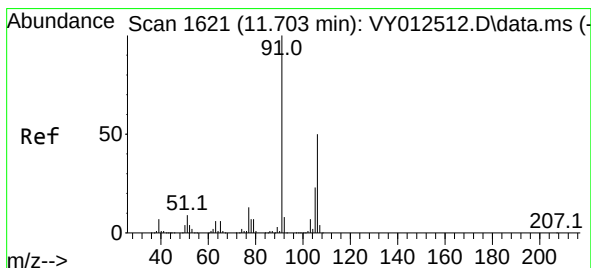
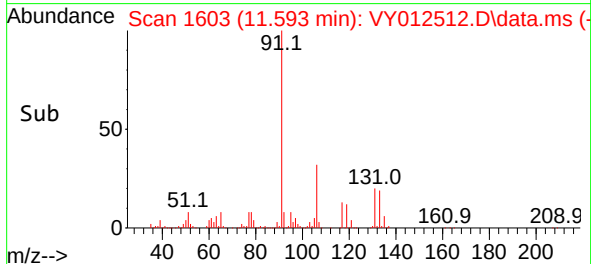
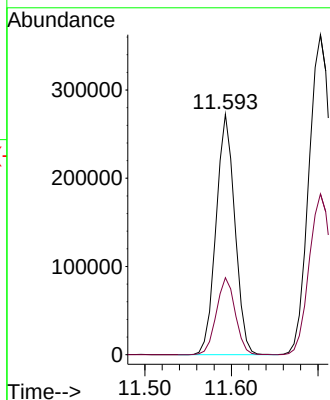
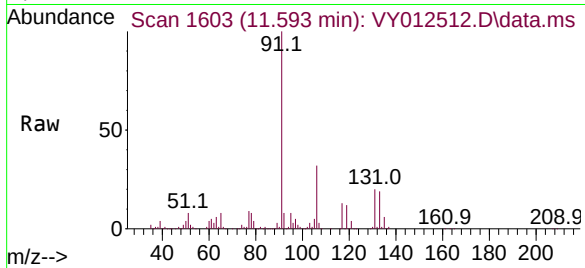




#67
Ethyl Benzene
Concen: 49.503 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

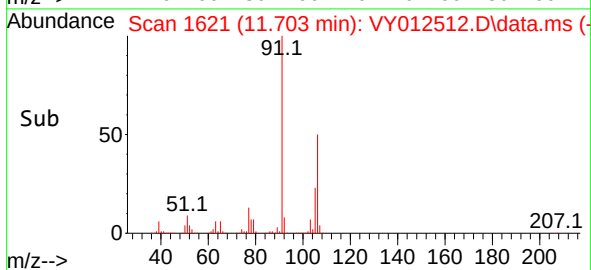
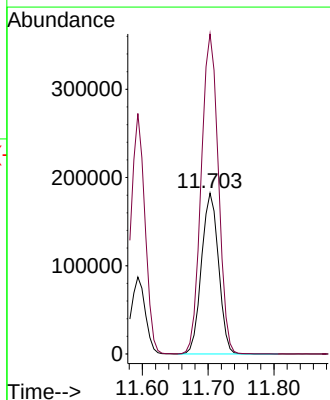
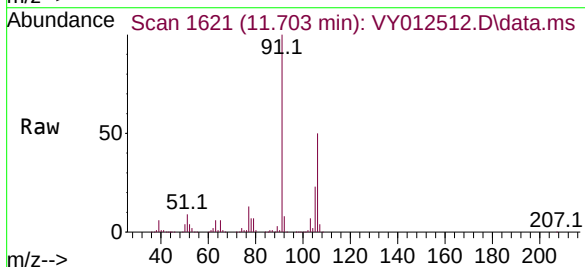
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

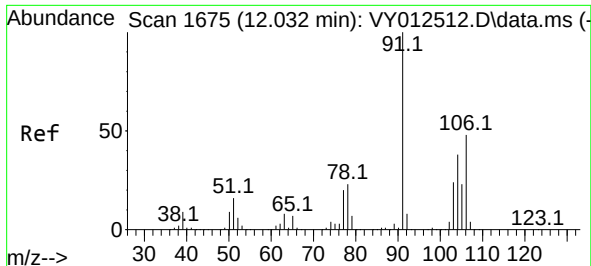
Tgt Ion: 91 Resp: 410128
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4



#68
m/p-Xylenes
Concen: 99.280 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion: 106 Resp: 328318
Ion Ratio Lower Upper
106 100
91 200.4 160.3 240.5





#69

o-Xylene

Concen: 50.356 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

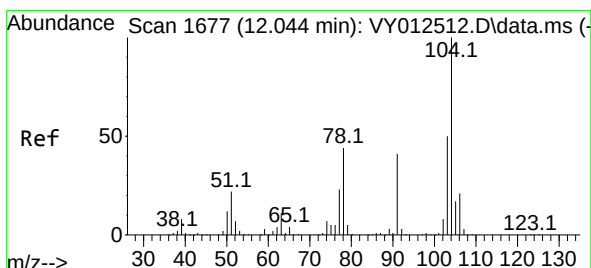
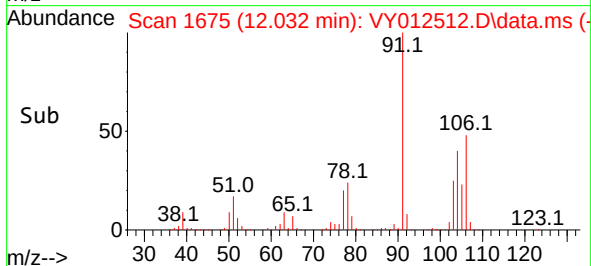
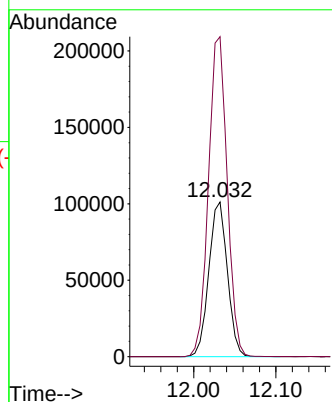
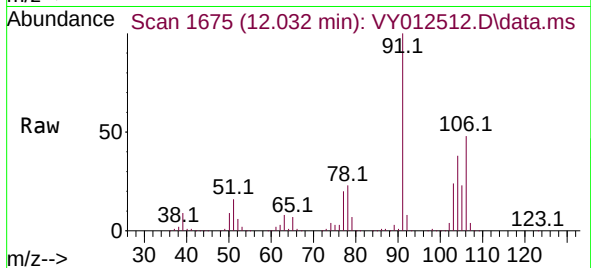
VSTDICCC050

Tgt Ion:106 Resp: 158589

Ion Ratio Lower Upper

106 100

91 208.3 104.2 312.5



#70

Styrene

Concen: 49.814 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

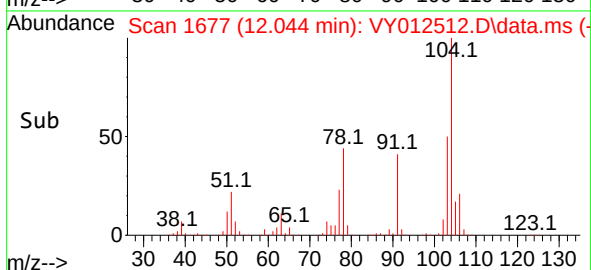
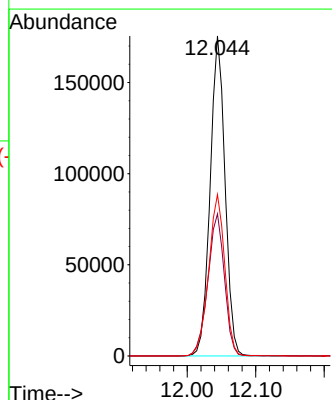
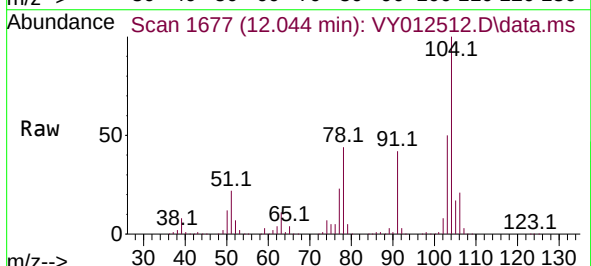
Tgt Ion:104 Resp: 266066

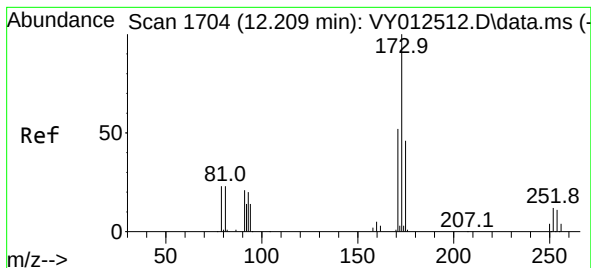
Ion Ratio Lower Upper

104 100

78 49.3 39.4 59.2

103 54.8 43.8 65.8





#71

Bromoform

Concen: 48.214 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

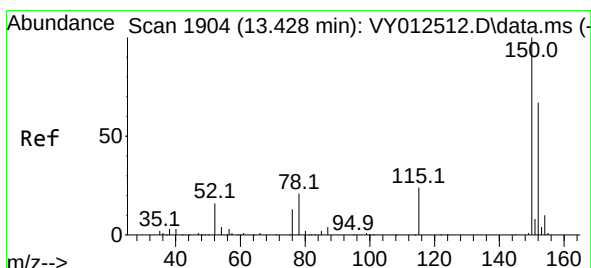
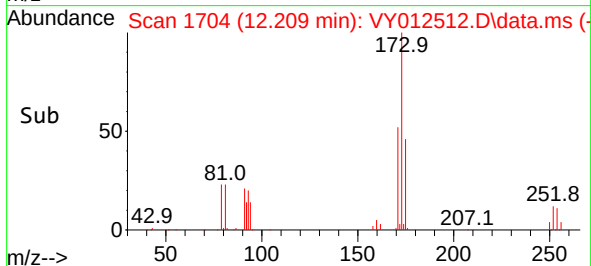
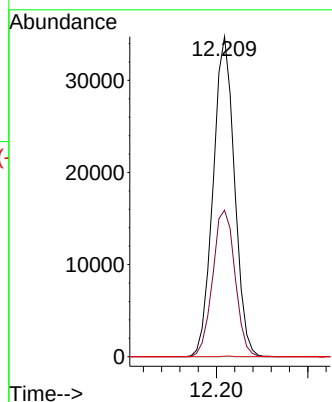
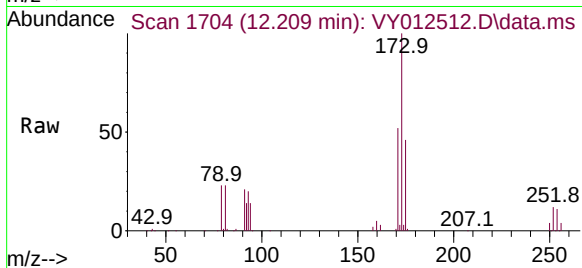
Tgt Ion:173 Resp: 56358

Ion Ratio Lower Upper

173 100

175 47.8 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: VY012512.D

Acq: 07 Feb 2023 11:23

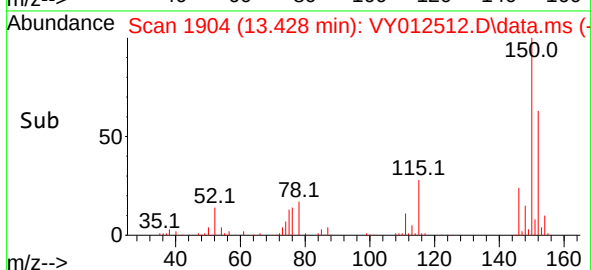
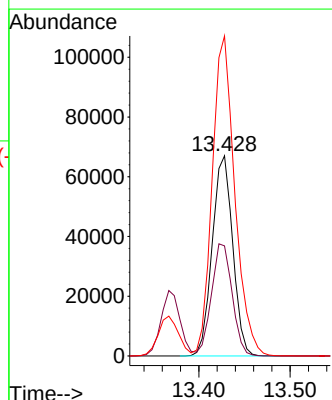
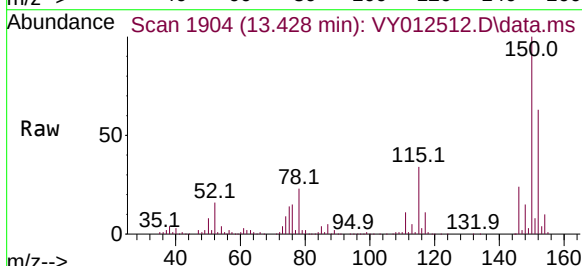
Tgt Ion:152 Resp: 104428

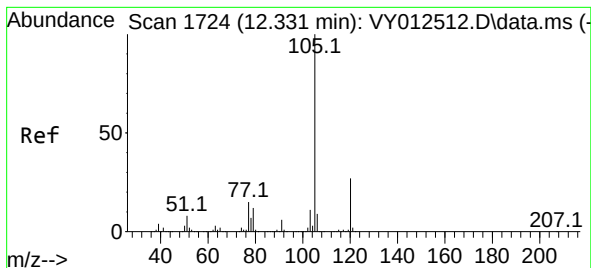
Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.3

150 175.5 0.0 351.0





#73

Isopropylbenzene

Concen: 50.818 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

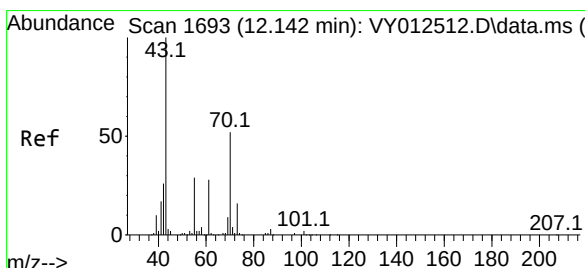
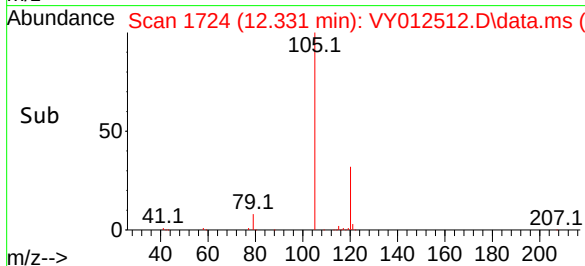
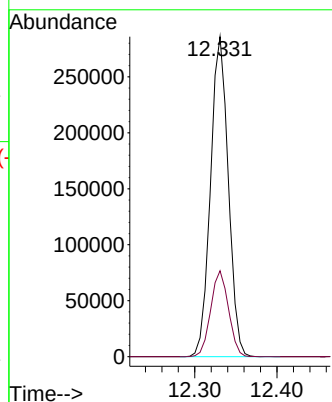
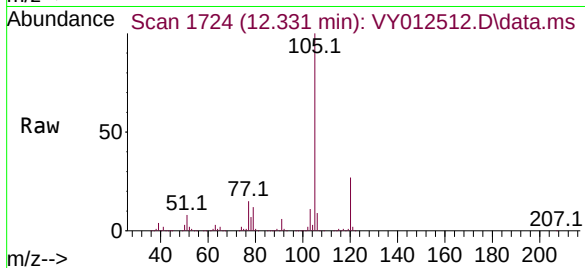
VSTDICCC050

Tgt Ion:105 Resp: 429350

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 48.631 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Tgt Ion: 43 Resp: 74377

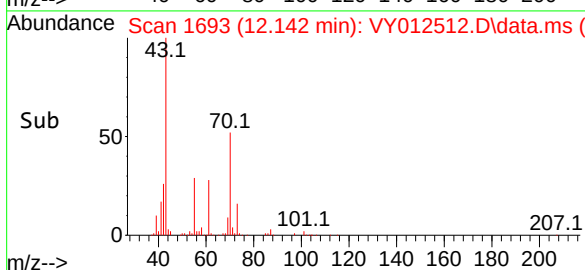
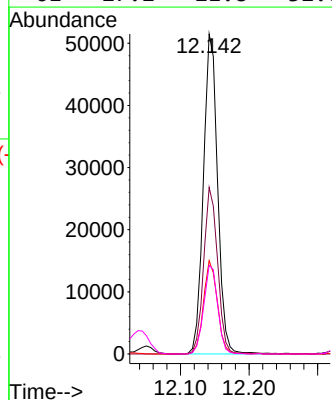
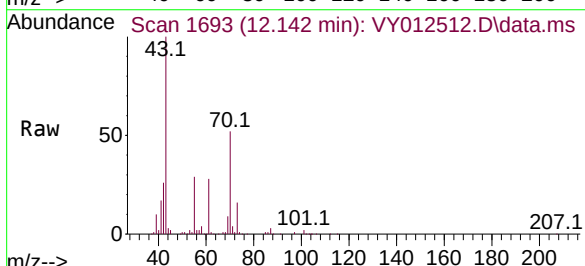
Ion Ratio Lower Upper

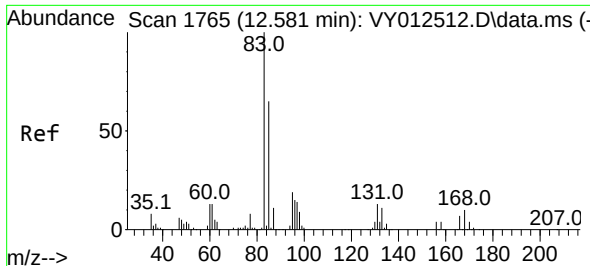
43 100

70 51.3 41.0 61.6

55 28.6 22.9 34.3

61 27.2 21.8 32.6

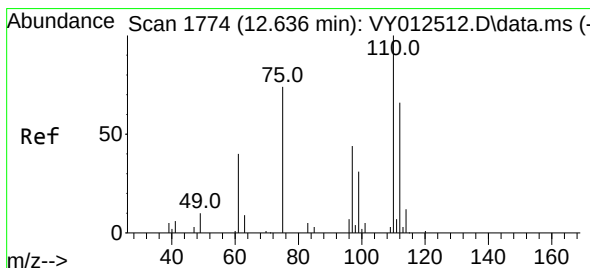
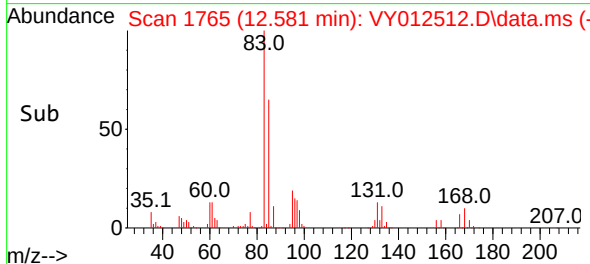
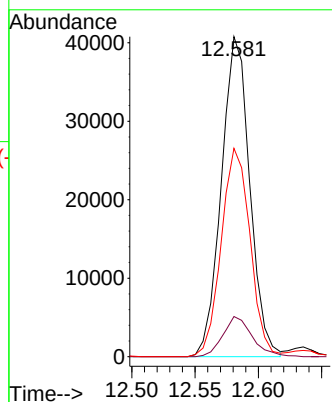
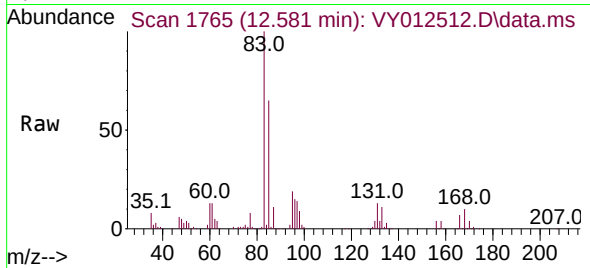




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.627 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY012512.D
 Acq: 07 Feb 2023 11:23

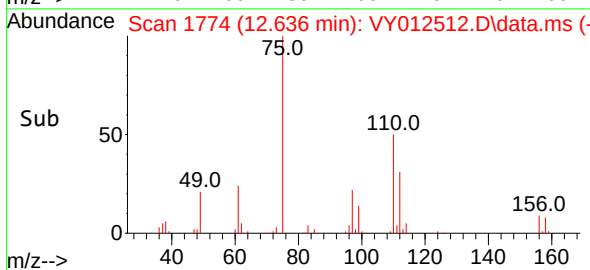
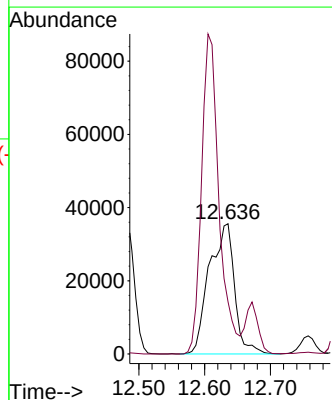
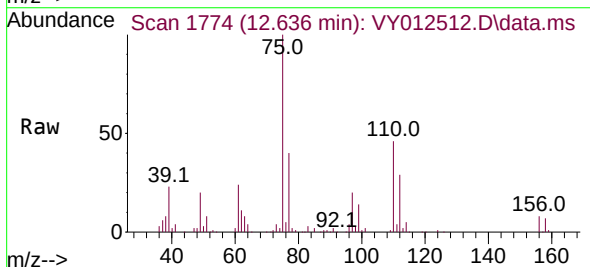
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

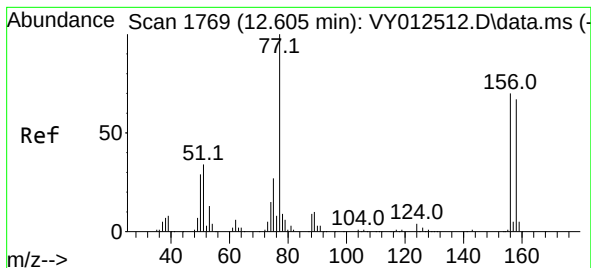
Tgt Ion: 83 Resp: 63699
 Ion Ratio Lower Upper
 83 100
 131 12.9 6.5 19.4
 85 66.0 33.0 99.0



#76
 1,2,3-Trichloropropane
 Concen: 81.207 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.000 min
 Lab File: VY012512.D
 Acq: 07 Feb 2023 11:23

Tgt Ion: 75 Resp: 94979
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.934 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

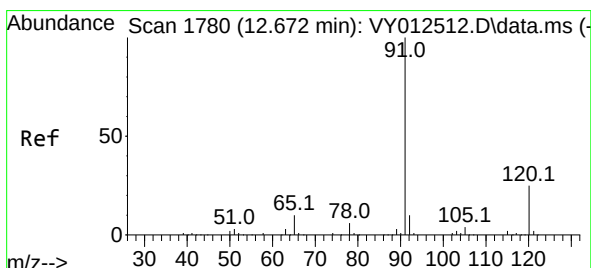
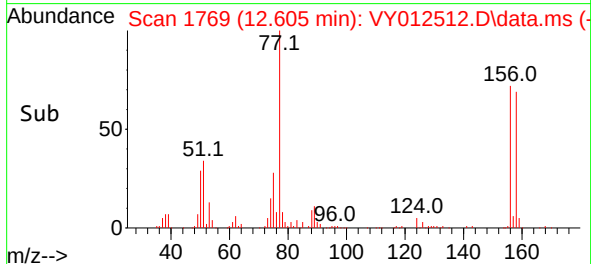
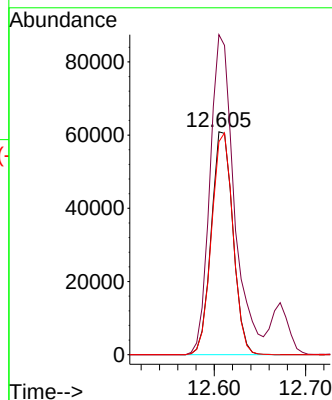
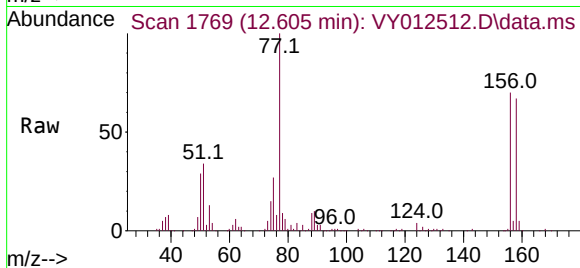
Tgt Ion:156 Resp: 100208

Ion Ratio Lower Upper

156 100

77 161.2 80.6 241.8

158 98.2 49.1 147.3



#78

n-propylbenzene

Concen: 50.648 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012512.D

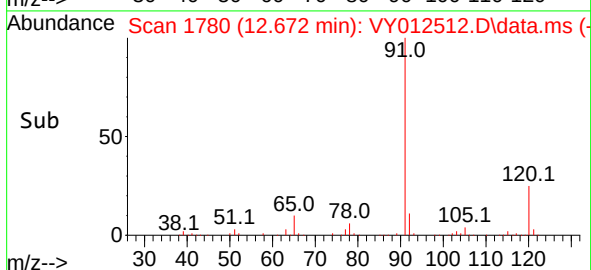
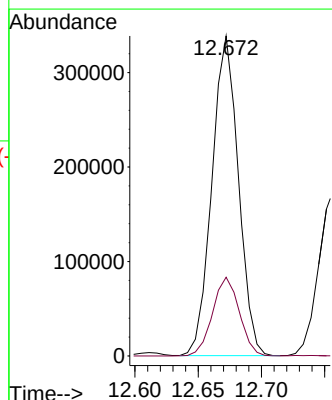
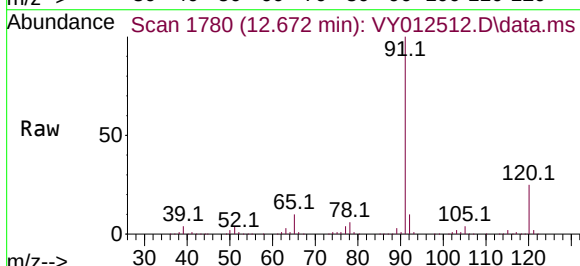
Acq: 07 Feb 2023 11:23

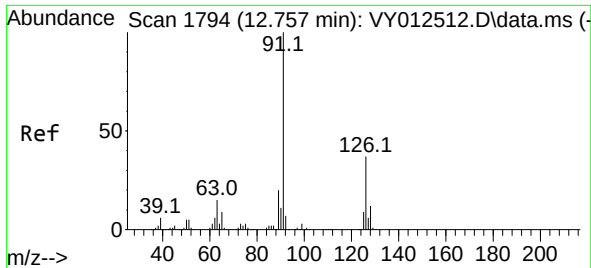
Tgt Ion: 91 Resp: 492533

Ion Ratio Lower Upper

91 100

120 24.9 12.4 37.4

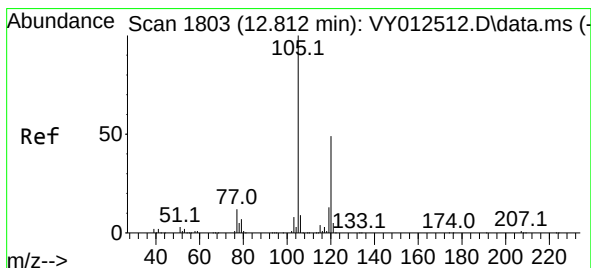
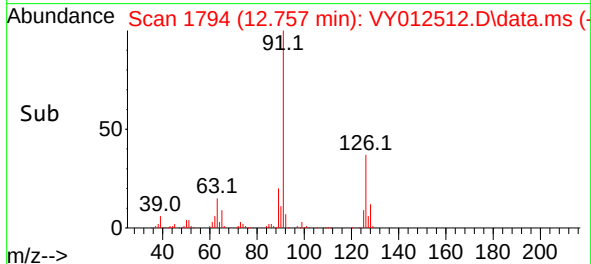
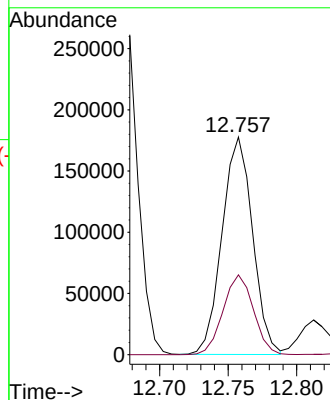
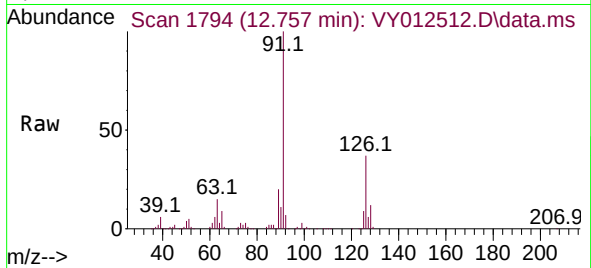




#79
2-Chlorotoluene
Concen: 49.902 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

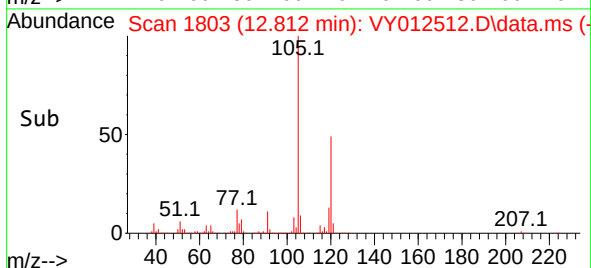
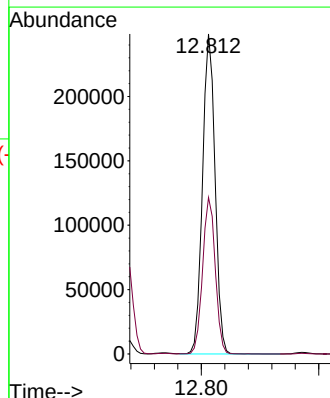
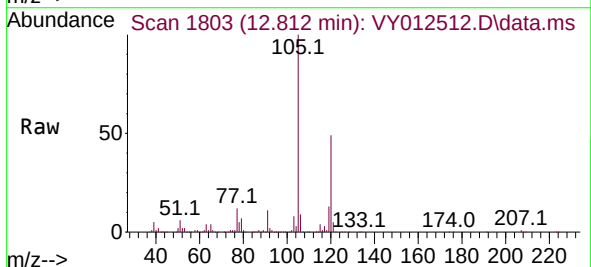
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

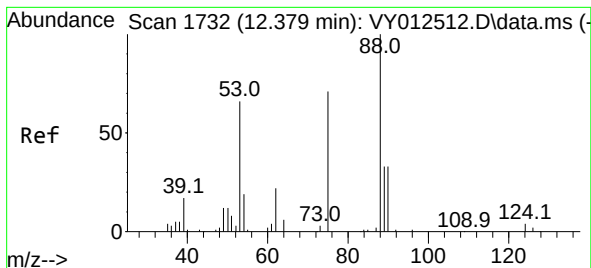
Tgt Ion: 91 Resp: 275484
Ion Ratio Lower Upper
91 100
126 36.5 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 50.664 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion: 105 Resp: 368488
Ion Ratio Lower Upper
105 100
120 49.3 24.6 74.0

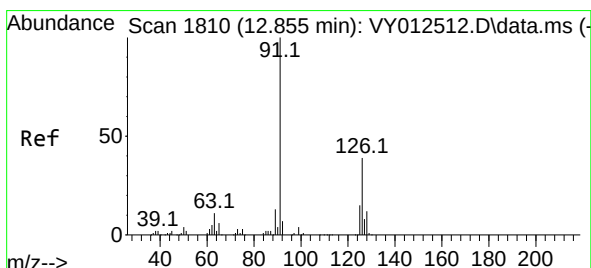
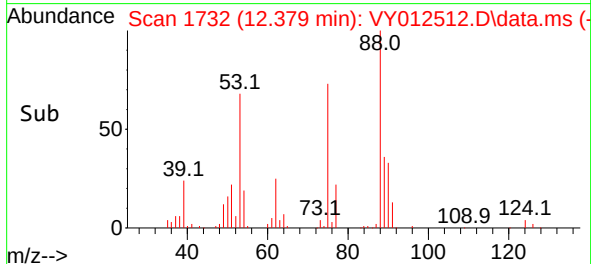
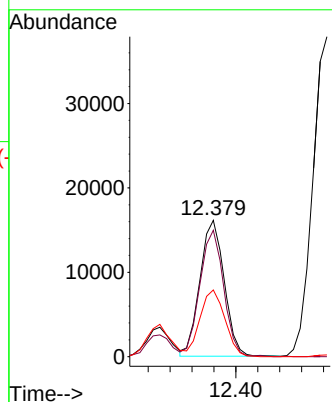
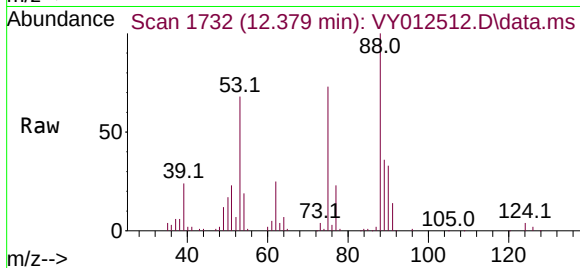




#81
trans-1,4-Dichloro-2-butene
Concen: 47.952 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

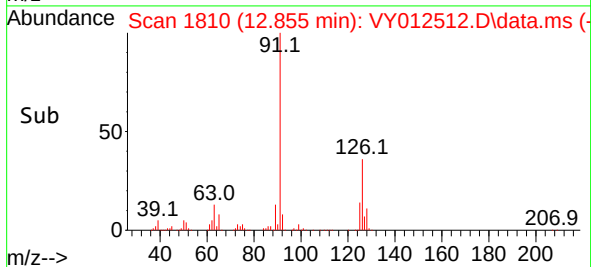
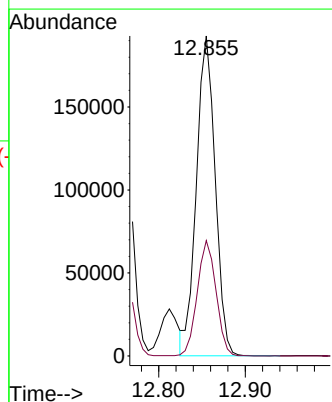
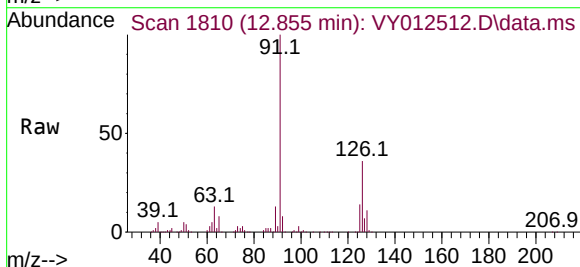
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

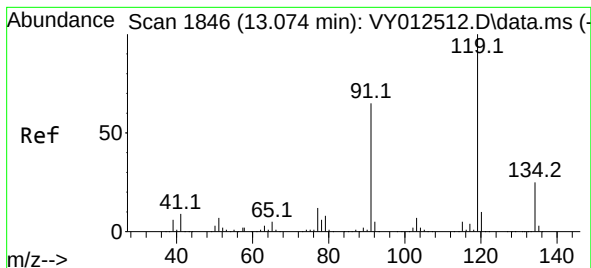
Tgt Ion: 75 Resp: 24809
Ion Ratio Lower Upper
75 100
53 91.4 73.1 109.7
89 49.9 39.9 59.9



#82
4-Chlorotoluene
Concen: 50.105 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion: 91 Resp: 290155
Ion Ratio Lower Upper
91 100
126 36.2 18.1 54.3





#83

tert-Butylbenzene

Concen: 50.402 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

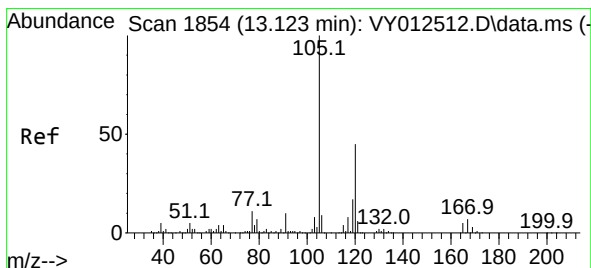
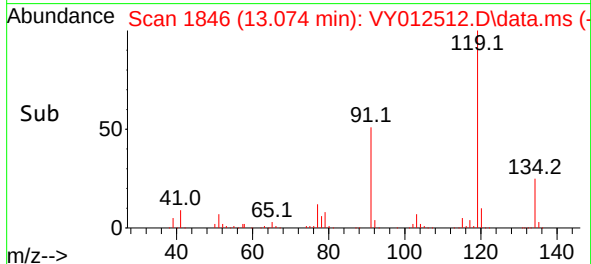
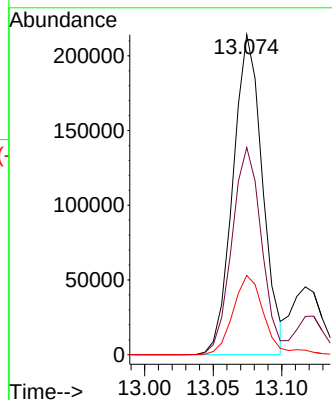
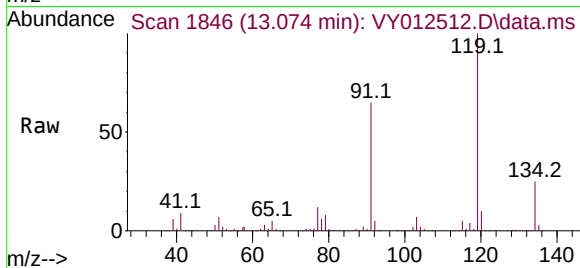
Tgt Ion:119 Resp: 321465

Ion Ratio Lower Upper

119 100

91 66.0 33.0 99.0

134 26.2 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 51.274 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY012512.D

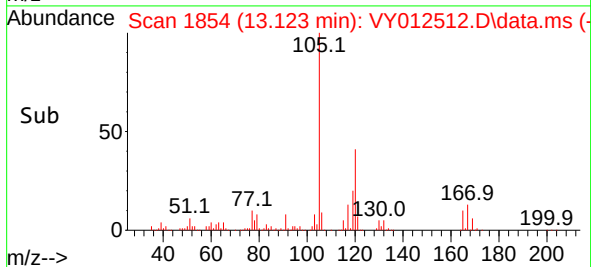
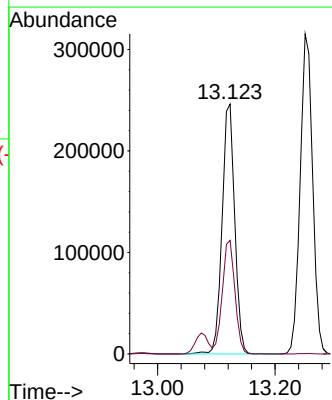
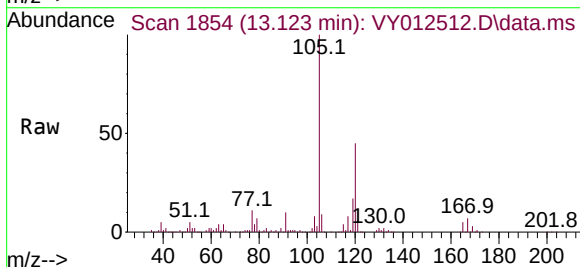
Acq: 07 Feb 2023 11:23

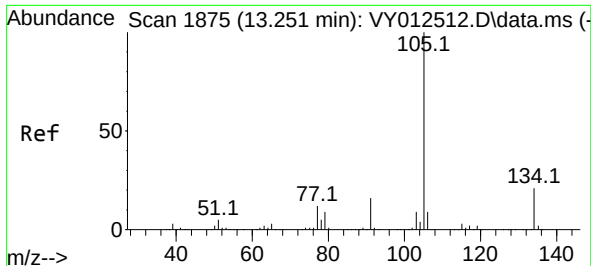
Tgt Ion:105 Resp: 366942

Ion Ratio Lower Upper

105 100

120 45.5 22.8 68.3

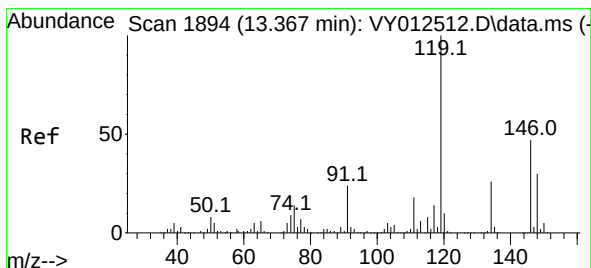
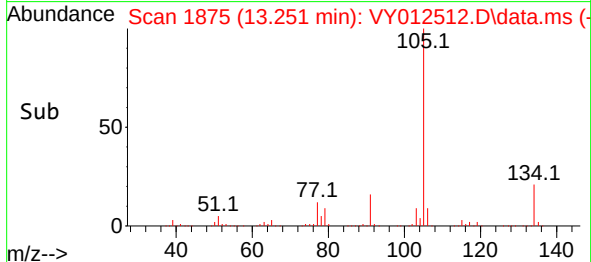
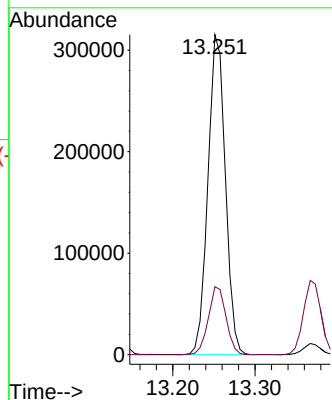
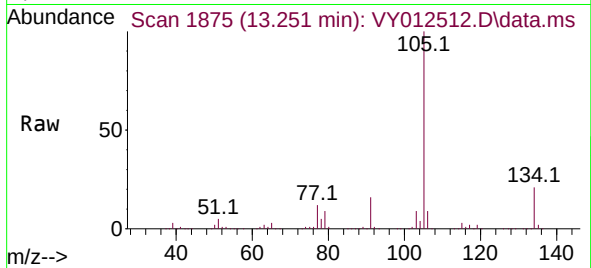




#85
 sec-Butylbenzene
 Concen: 50.905 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY012512.D
 Acq: 07 Feb 2023 11:23

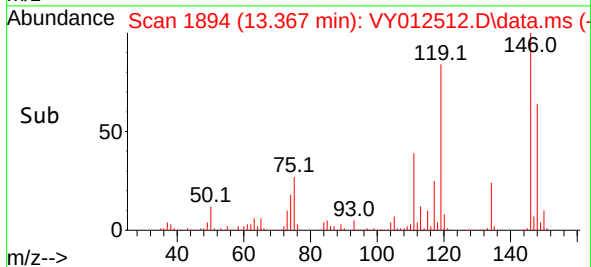
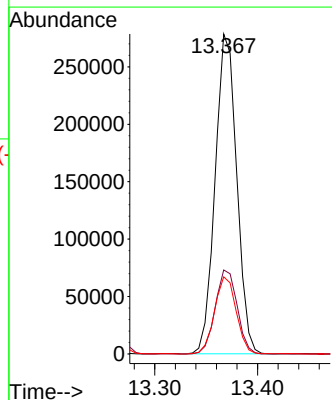
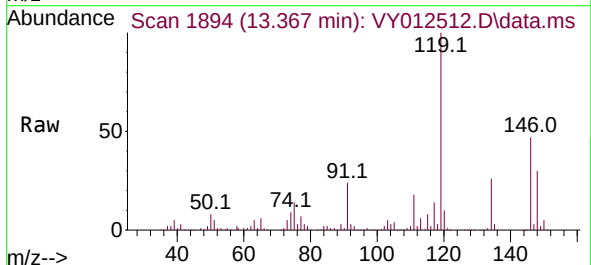
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

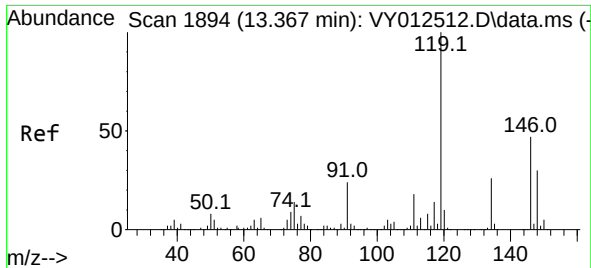
Tgt Ion:105 Resp: 464471
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 51.203 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012512.D
 Acq: 07 Feb 2023 11:23

Tgt Ion:119 Resp: 405302
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 24.1 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 49.519 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

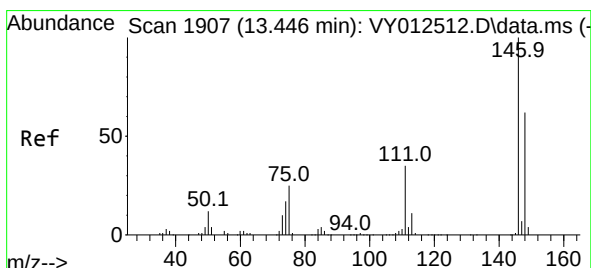
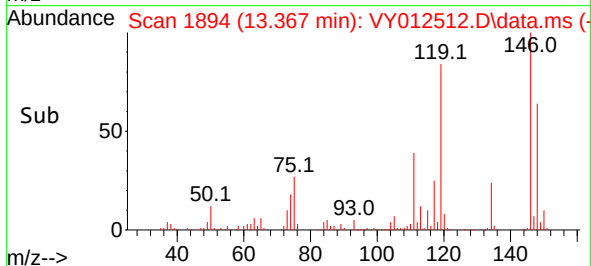
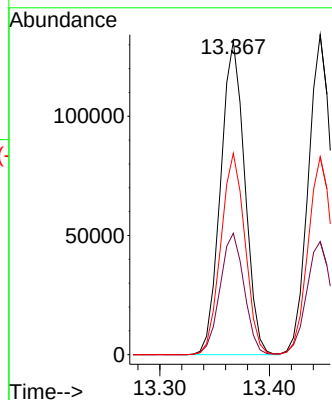
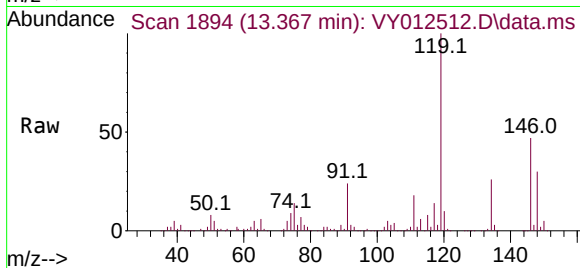
Tgt Ion:146 Resp: 201764

Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.9

148 64.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 49.240 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

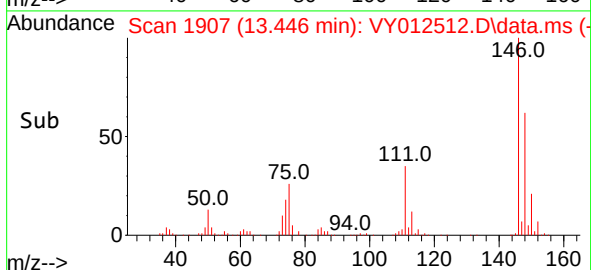
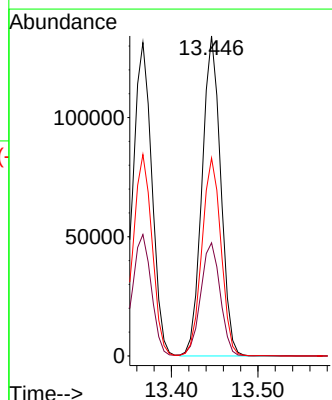
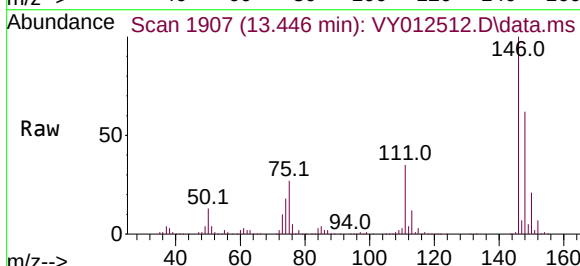
Tgt Ion:146 Resp: 200967

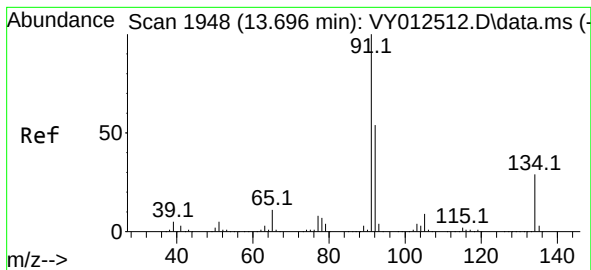
Ion Ratio Lower Upper

146 100

111 36.8 18.4 55.2

148 63.3 31.6 95.0

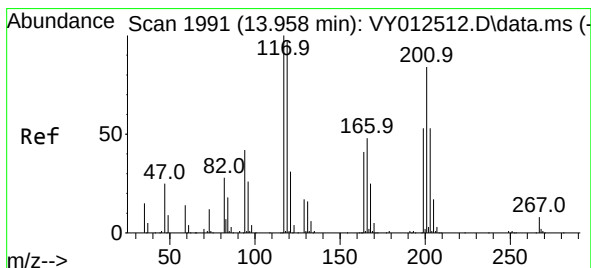
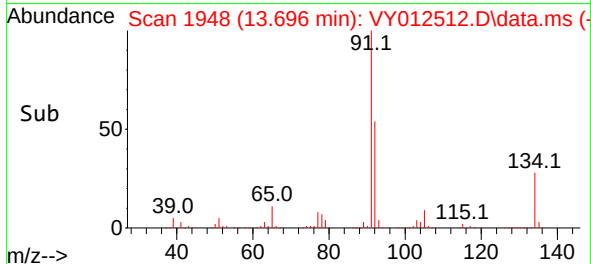
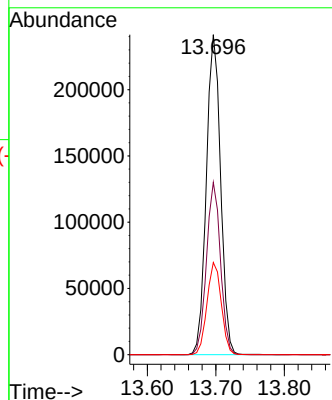
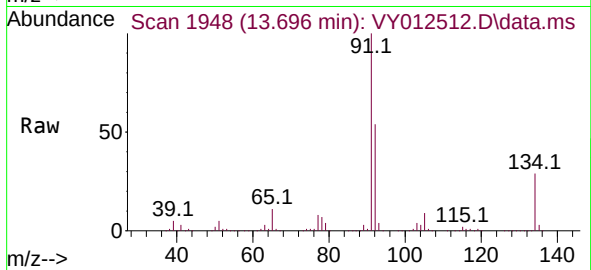




#89
n-Butylbenzene
Concen: 51.625 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

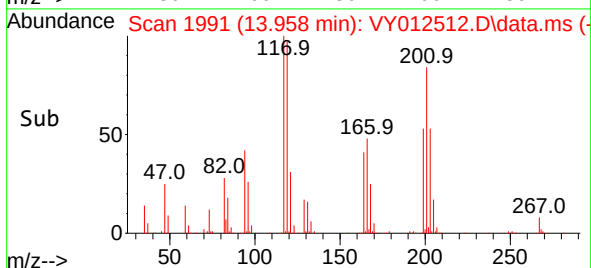
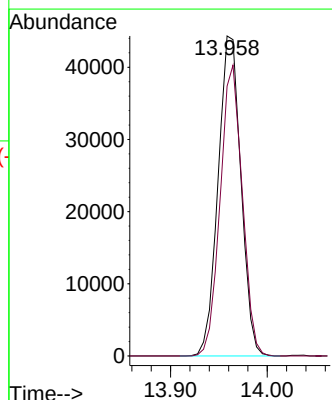
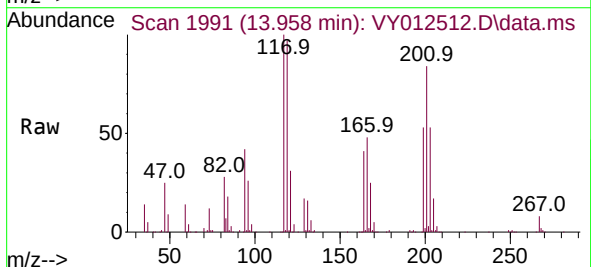
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

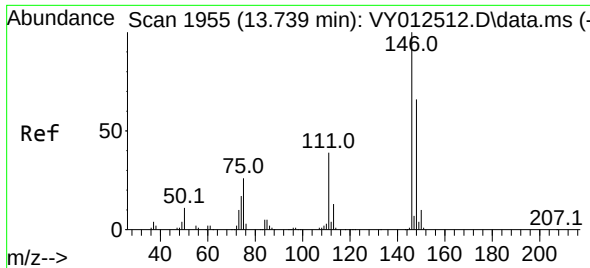
Tgt Ion: 91 Resp: 349248
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 29.0 14.5 43.5



#90
Hexachloroethane
Concen: 49.928 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion: 117 Resp: 72541
Ion Ratio Lower Upper
117 100
201 87.8 43.9 131.7

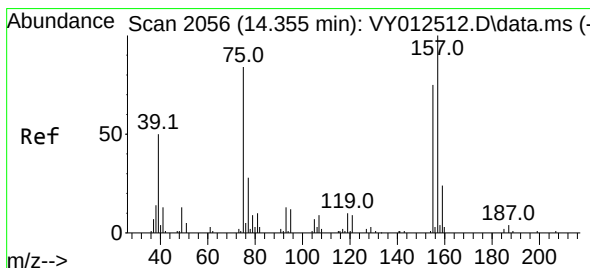
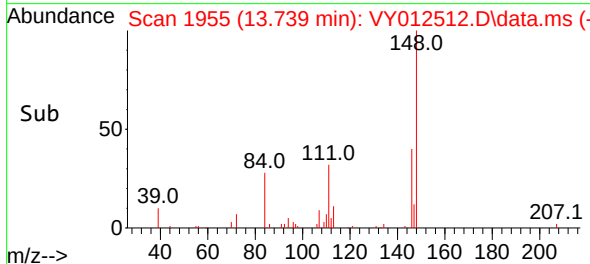
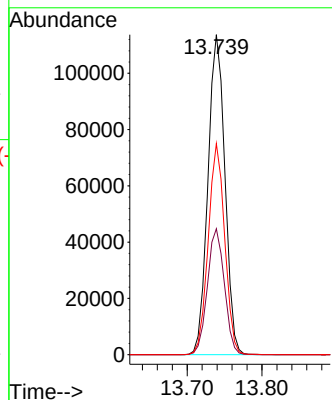
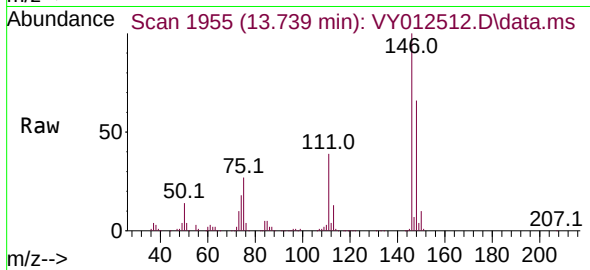




#91
1,2-Dichlorobenzene
Concen: 48.891 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

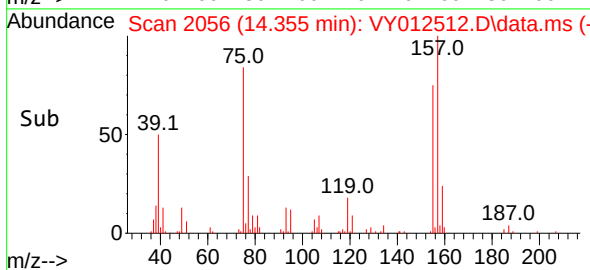
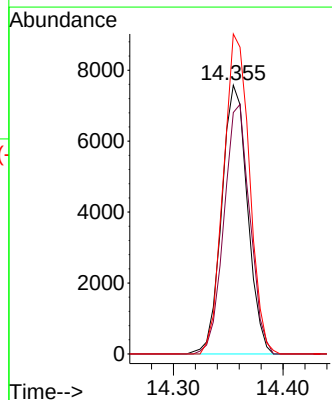
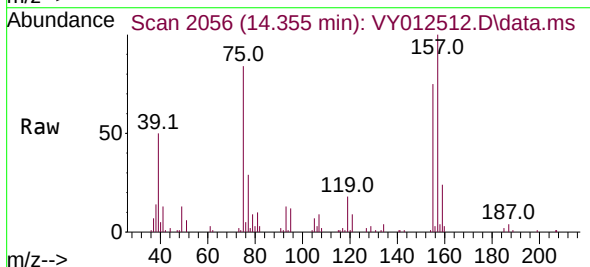
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

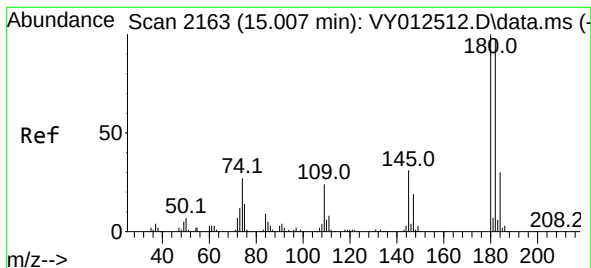
Tgt Ion:146 Resp: 179203
Ion Ratio Lower Upper
146 100
111 39.4 19.7 59.1
148 64.0 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.493 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY012512.D
Acq: 07 Feb 2023 11:23

Tgt Ion: 75 Resp: 12368
Ion Ratio Lower Upper
75 100
155 92.9 46.5 139.3
157 119.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 49.700 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

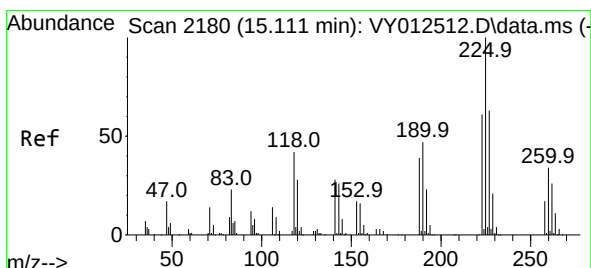
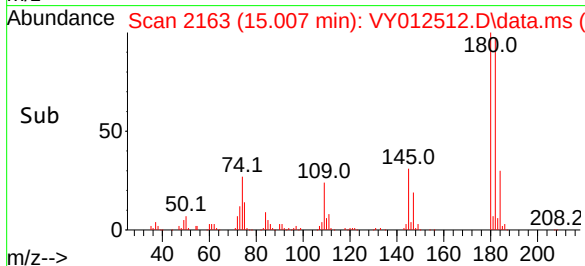
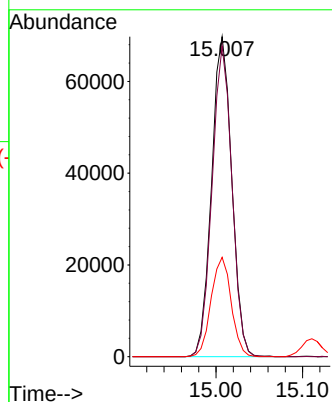
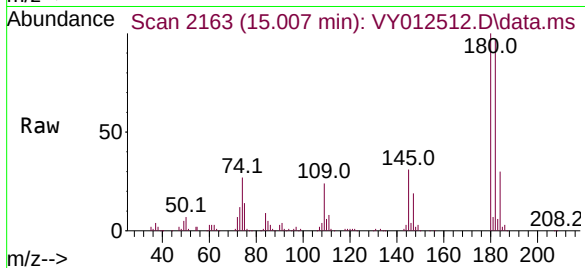
Tgt Ion:180 Resp: 112876

Ion Ratio Lower Upper

180 100

182 95.4 47.7 143.1

145 30.9 15.4 46.4



#94

Hexachlorobutadiene

Concen: 49.405 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

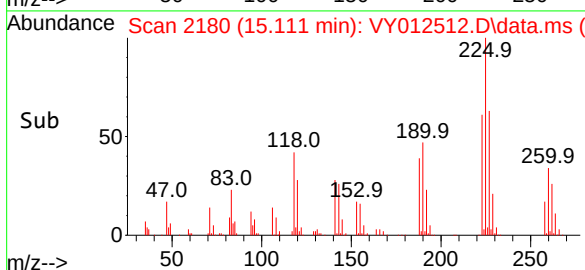
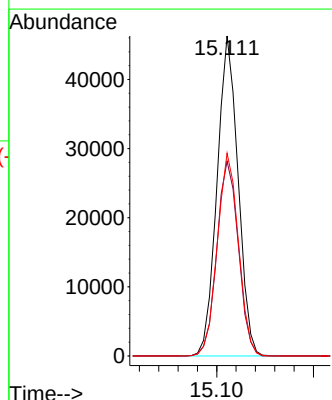
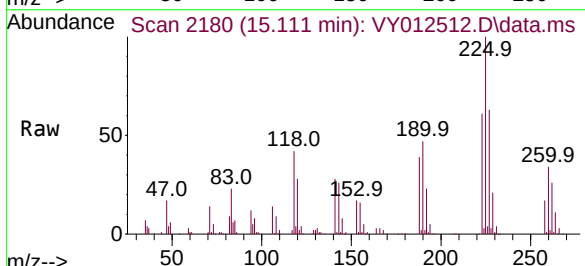
Tgt Ion:225 Resp: 69705

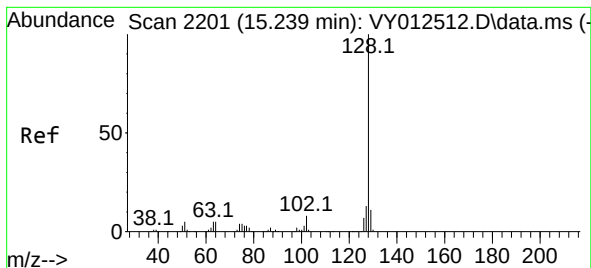
Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.3

227 63.7 31.9 95.5





#95

Naphthalene

Concen: 49.463 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

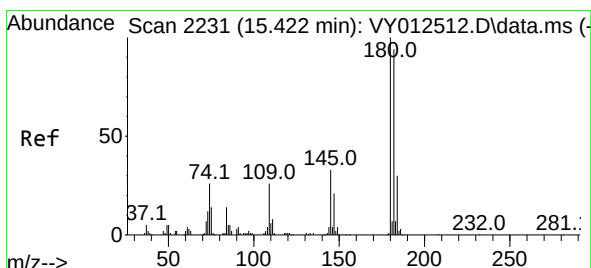
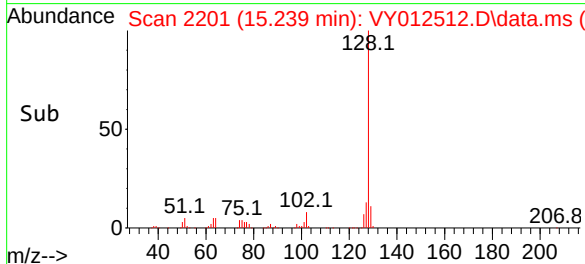
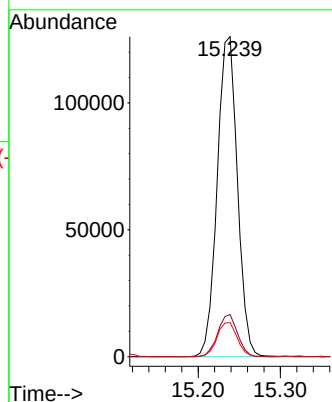
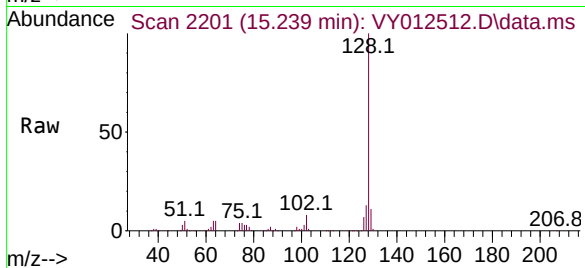
Tgt Ion:128 Resp: 215650

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 49.032 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY012512.D

Acq: 07 Feb 2023 11:23

Tgt Ion:180 Resp: 96391

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.2

145 32.4 16.2 48.6

