

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032522\
 Data File : VY008030.D
 Acq On : 25 Mar 2022 16:56
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 25 17:56:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 17:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	183258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	310707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	283249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144450	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94996	38.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.240%
35) Dibromofluoromethane	7.716	113	100154	48.196	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.400%
50) Toluene-d8	10.179	98	382204	50.670	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.340%
62) 4-Bromofluorobenzene	12.483	95	135850	47.535	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.080%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	89180	42.196	ug/l	100
3) Chloromethane	2.113	50	106945	37.602	ug/l	95
4) Vinyl Chloride	2.247	62	143330	43.232	ug/l	98
5) Bromomethane	2.643	94	109841	41.078	ug/l	99
6) Chloroethane	2.790	64	92811	42.893	ug/l	98
7) Trichlorofluoromethane	3.125	101	175036	43.569	ug/l	91
8) Diethyl Ether	3.527	74	58380	37.060	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.899	101	110835	44.544	ug/l	92
10) Methyl Iodide	4.088	142	131054	50.668	ug/l	91
11) Tert butyl alcohol	4.948	59	52040	170.929	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	101517	42.308	ug/l	85
13) Acrolein	3.723	56	37726	145.210	ug/l	97
14) Allyl chloride	4.479	41	137952	34.978	ug/l #	91
15) Acrylonitrile	5.155	53	141857	165.381	ug/l	98
16) Acetone	3.948	43	119388	163.704	ug/l #	86
17) Carbon Disulfide	4.192	76	297438	40.481	ug/l	100
18) Methyl Acetate	4.472	43	60576	27.038	ug/l #	81
19) Methyl tert-butyl Ether	5.216	73	294175	37.278	ug/l	97
20) Methylene Chloride	4.710	84	114450	32.934	ug/l #	80
21) trans-1,2-Dichloroethene	5.216	96	118240	41.620	ug/l	84
22) Diisopropyl ether	6.118	45	299080	35.097	ug/l #	90
23) Vinyl Acetate	6.057	43	1001718	172.722	ug/l #	86
24) 1,1-Dichloroethane	6.015	63	193919	39.993	ug/l	97
25) 2-Butanone	6.978	43	179629	161.563	ug/l #	79
26) 2,2-Dichloropropane	6.978	77	184959	42.453	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	136715	41.412	ug/l	82
28) Bromochloromethane	7.332	49	51474	29.868	ug/l #	69
29) Tetrahydrofuran	7.344	42	115585	156.930	ug/l #	73
30) Chloroform	7.502	83	209610	40.702	ug/l	100
31) Cyclohexane	7.783	56	173384	38.028	ug/l #	83
32) 1,1,1-Trichloroethane	7.697	97	195486	44.217	ug/l	94
36) 1,1-Dichloropropene	7.917	75	162838	46.282	ug/l	95
37) Ethyl Acetate	7.069	43	79206	34.559	ug/l #	90
38) Carbon Tetrachloride	7.899	117	178024	49.891	ug/l	98
39) Methylcyclohexane	9.179	83	217716	47.604	ug/l #	85
40) Benzene	8.161	78	462395	44.800	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	105907	41.400	ug/l #	39
42) 1,2-Dichloroethane	8.234	62	130126	40.878	ug/l	90
43) Isopropyl Acetate	8.271	43	151857	35.418	ug/l #	84
44) Trichloroethene	8.935	130	132866	48.072	ug/l	95
45) 1,2-Dichloropropane	9.215	63	109933	41.713	ug/l	96
46) Dibromomethane	9.301	93	72841	42.935	ug/l	95
47) Bromodichloromethane	9.496	83	165760	44.248	ug/l	99
48) Methyl methacrylate	9.289	41	67933	36.510	ug/l #	79
49) 1,4-Dioxane	9.295	88	20404	837.565	ug/l #	78
51) 4-Methyl-2-Pentanone	10.069	43	392781	179.307	ug/l #	83
52) Toluene	10.240	92	312373	47.552	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	173162	43.010	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	194130	43.220	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	102272	44.193	ug/l	95
56) Ethyl methacrylate	10.508	69	138652	41.899	ug/l #	73
57) 1,3-Dichloropropane	10.788	76	165227	41.887	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	247118	176.127	ug/l #	89
59) 2-Hexanone	10.831	43	280785	181.436	ug/l	80
60) Dibromochloromethane	10.983	129	124765	46.839	ug/l	99
61) 1,2-Dibromoethane	11.087	107	102820	44.305	ug/l	99
64) Tetrachloroethene	10.715	164	110984	51.109	ug/l	95
65) Chlorobenzene	11.514	112	341650	49.006	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	127750	50.449	ug/l	98
67) Ethyl Benzene	11.593	91	600894	49.258	ug/l	95
68) m/p-Xylenes	11.703	106	484483	101.772	ug/l	90
69) o-Xylene	12.026	106	232400	50.675	ug/l	90
70) Styrene	12.044	104	387471	50.652	ug/l	94
71) Bromoform	12.209	173	80034	49.687	ug/l #	98
73) Isopropylbenzene	12.331	105	613264	49.158	ug/l	99
74) N-amyl acetate	12.142	43	134542	35.736	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	121400	41.836	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	152011	43.541	ug/l #	100
77) Bromobenzene	12.605	156	142724	48.308	ug/l	91
78) n-propylbenzene	12.672	91	716533	47.551	ug/l	96
79) 2-Chlorotoluene	12.758	91	399503	46.414	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	503445	48.812	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	42037	41.939	ug/l #	80
82) 4-Chlorotoluene	12.855	91	410433	46.211	ug/l	95
83) tert-Butylbenzene	13.075	119	455589	51.070	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	489213	47.995	ug/l	96
85) sec-Butylbenzene	13.251	105	661587	49.189	ug/l	98
86) p-Isopropyltoluene	13.367	119	559676	50.837	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	285811	49.532	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	282617	48.889	ug/l	98
89) n-Butylbenzene	13.696	91	502964	47.757	ug/l	98
90) Hexachloroethane	13.959	117	107964	50.457	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	253592	48.564	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19074	40.326	ug/l	72
93) 1,2,4-Trichlorobenzene	15.007	180	146051	47.097	ug/l	99
94) Hexachlorobutadiene	15.111	225	74155	49.718	ug/l	98
95) Naphthalene	15.239	128	331285	43.867	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	126342	46.485	ug/l	98

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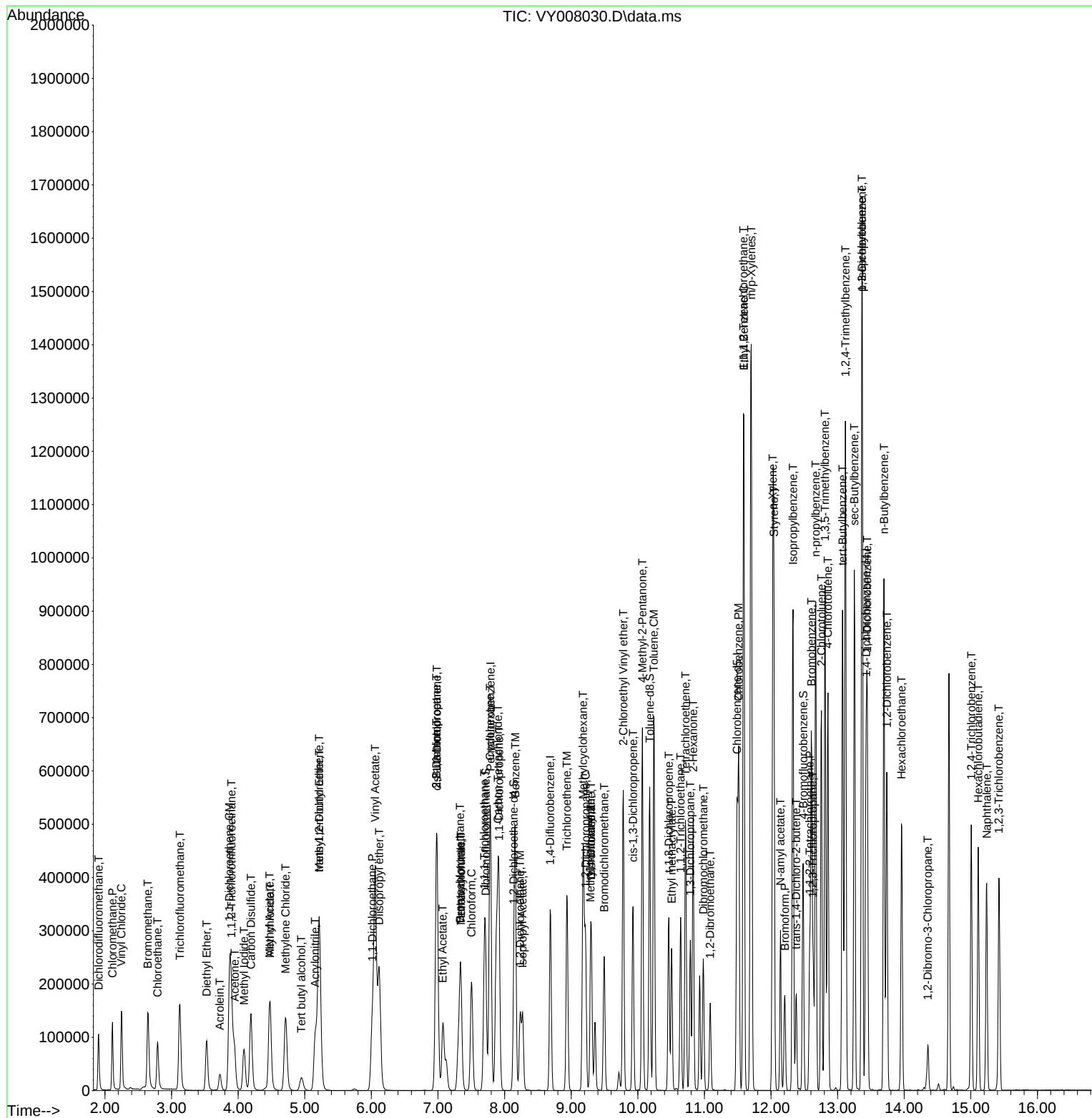
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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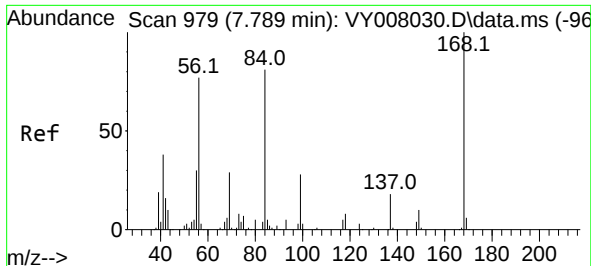
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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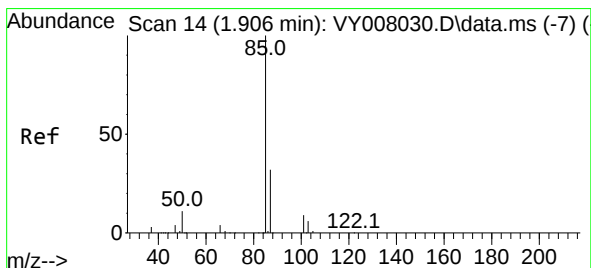
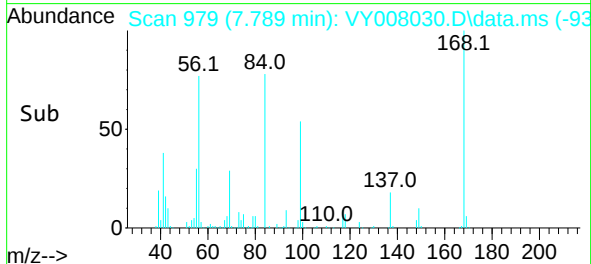
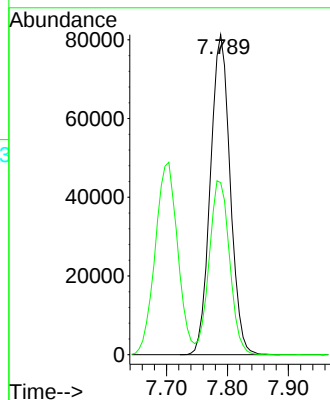
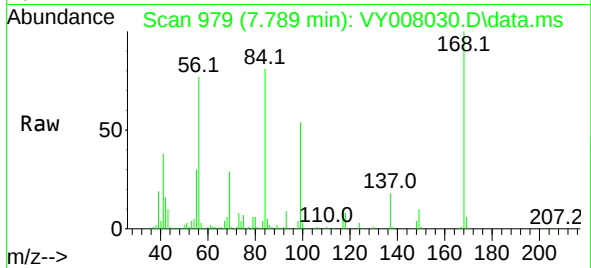




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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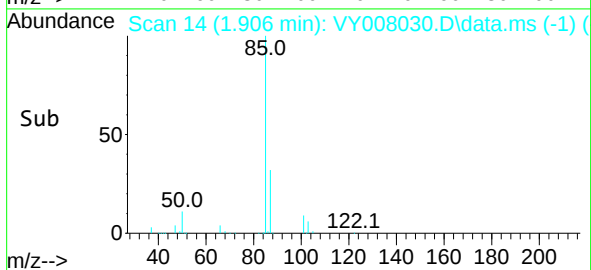
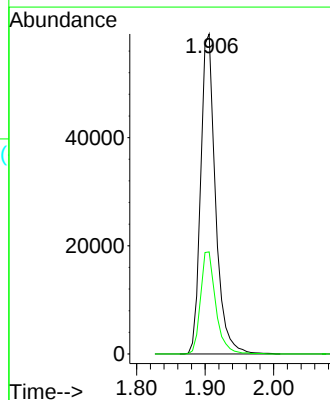
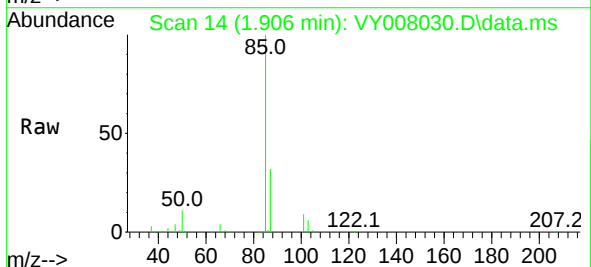
Instrument :
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ClientSampleId :
VSTDICCC050

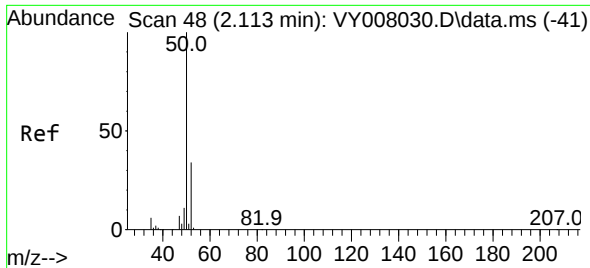
Tgt Ion:168 Resp: 183258
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 42.196 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion: 85 Resp: 89180
Ion Ratio Lower Upper
85 100
87 31.9 16.1 48.2

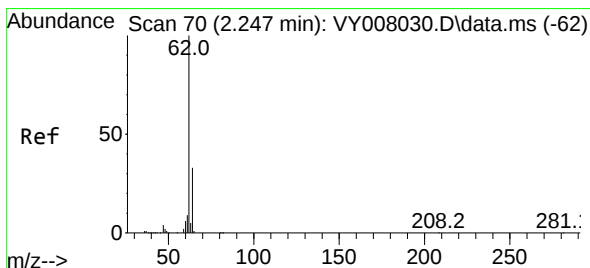
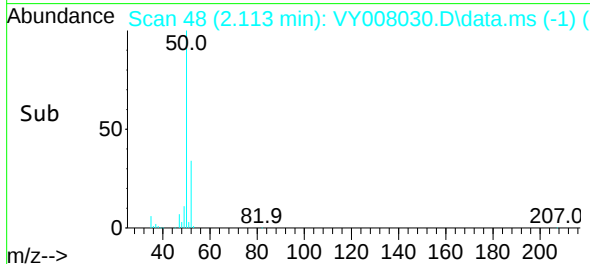
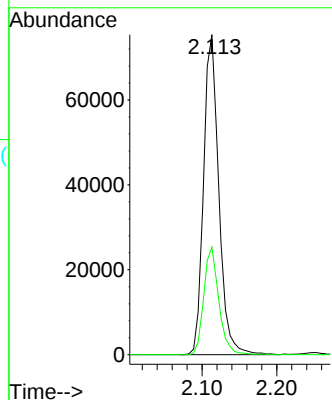
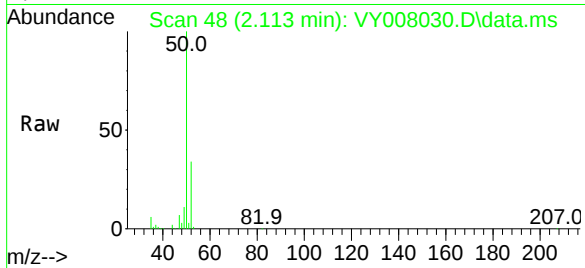




#3
Chloromethane
Concen: 37.602 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

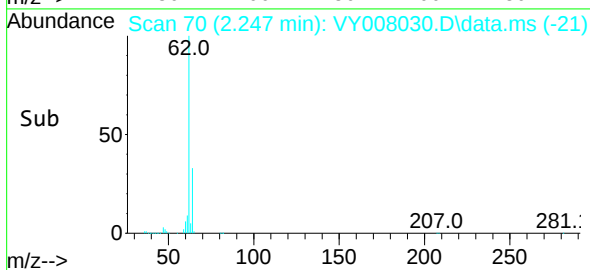
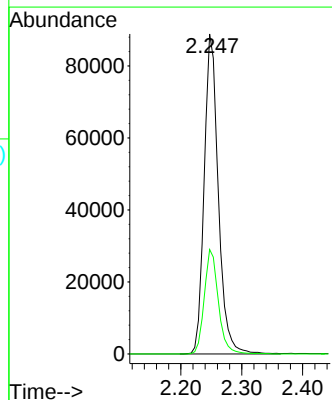
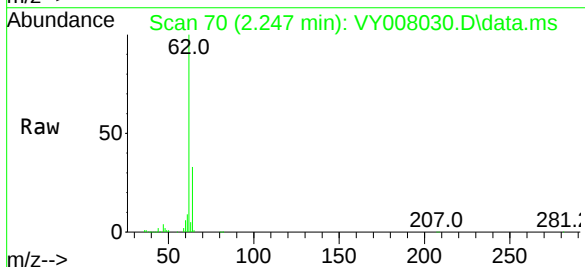
Instrument :
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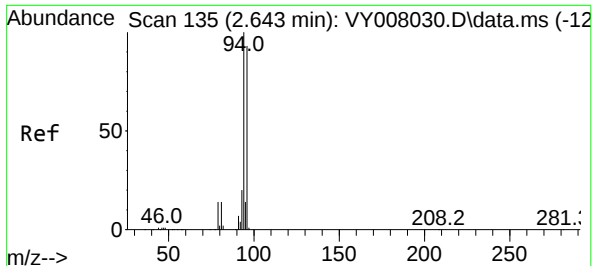
Tgt Ion: 50 Resp: 106945
Ion Ratio Lower Upper
50 100
52 33.6 24.6 37.0



#4
Vinyl Chloride
Concen: 43.232 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008030.D
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Tgt Ion: 62 Resp: 143330
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.6

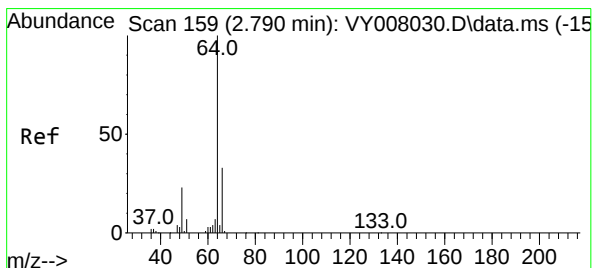
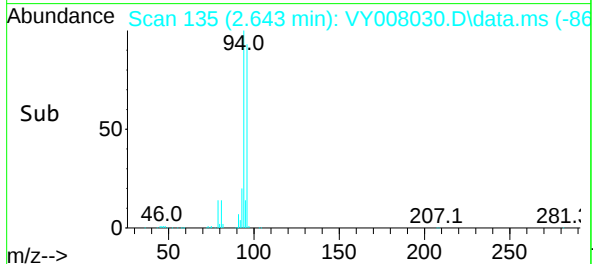
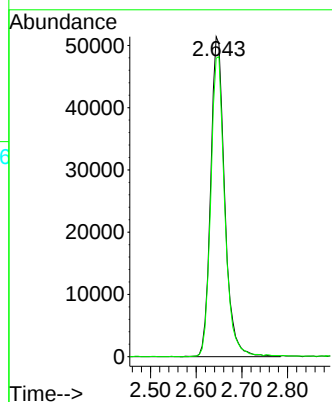
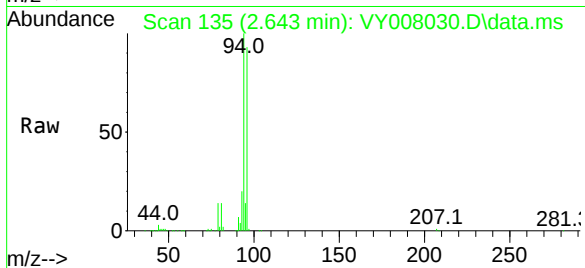




#5
Bromomethane
Concen: 41.078 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008030.D
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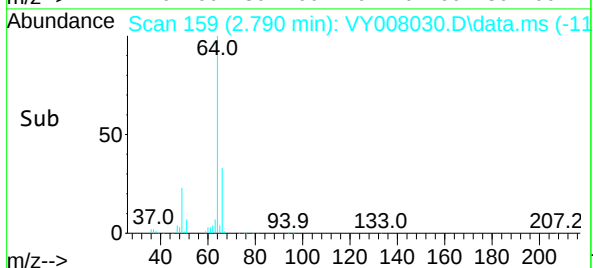
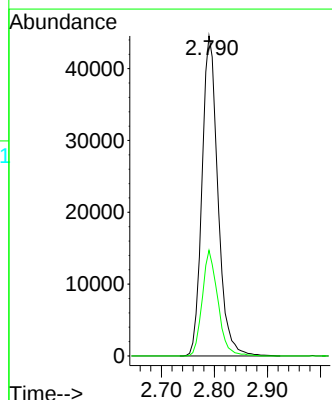
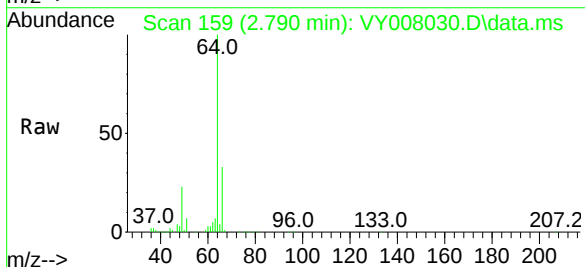
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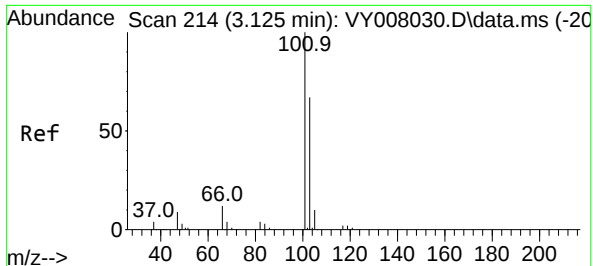
Tgt Ion: 94 Resp: 109841
Ion Ratio Lower Upper
94 100
96 93.3 73.5 110.3



#6
Chloroethane
Concen: 42.893 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 92811
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.0

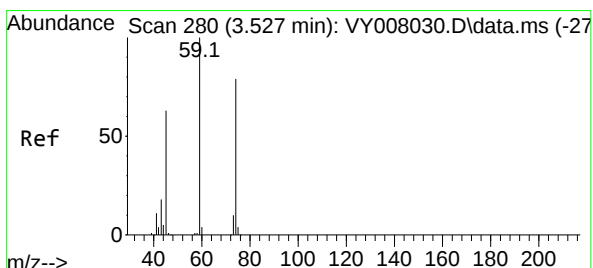
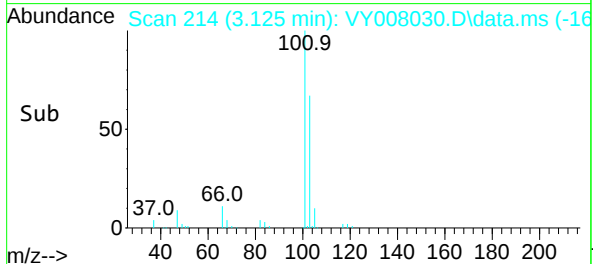
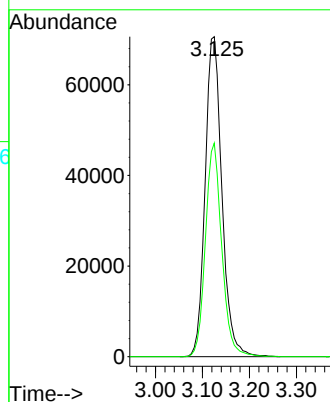
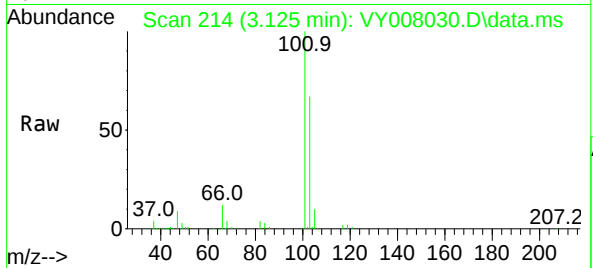




#7
 Trichlorofluoromethane
 Concen: 43.569 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY008030.D
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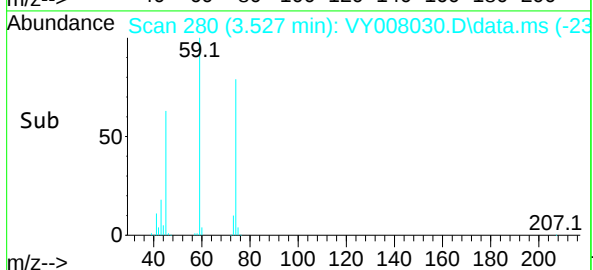
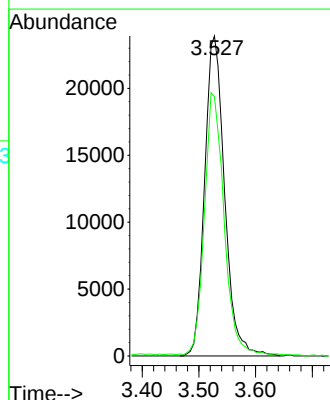
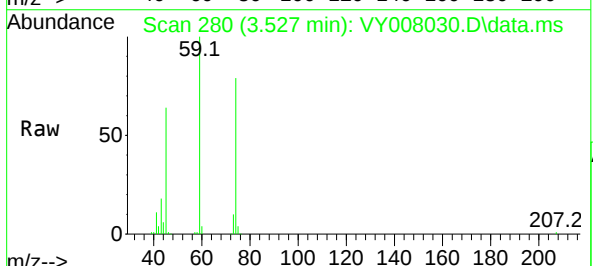
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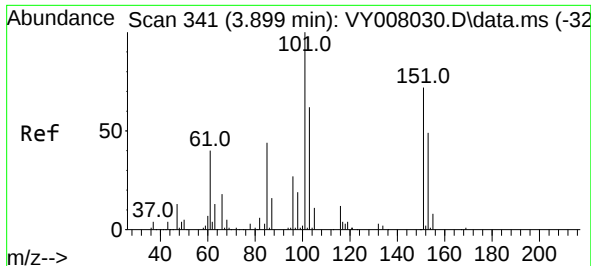
Tgt Ion:101 Resp: 175036
 Ion Ratio Lower Upper
 101 100
 103 66.8 48.0 72.0



#8
 Diethyl Ether
 Concen: 37.060 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 58380
 Ion Ratio Lower Upper
 74 100
 45 80.1 55.1 165.5

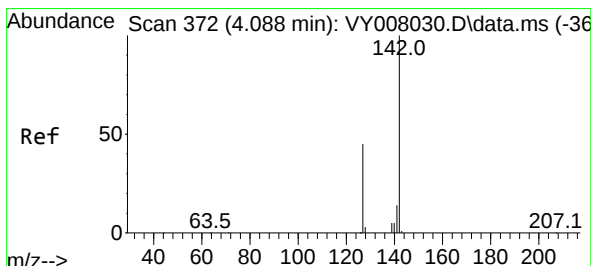
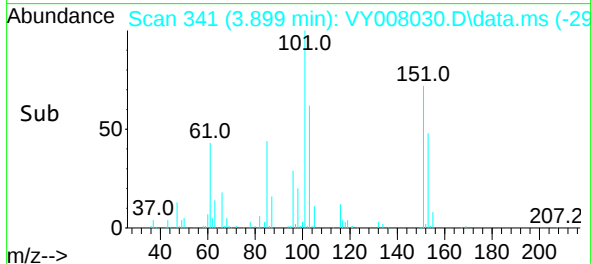
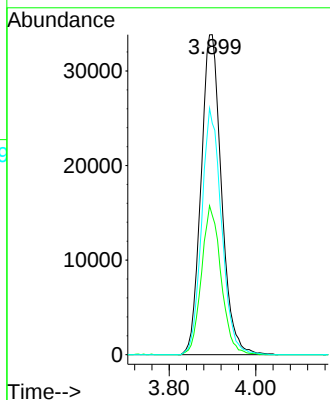
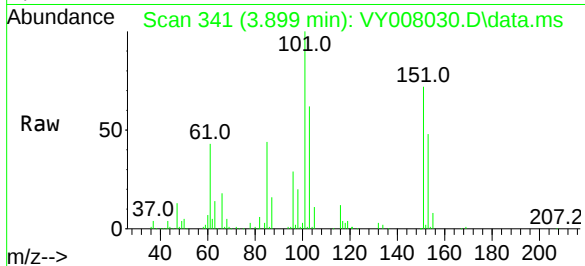




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.544 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

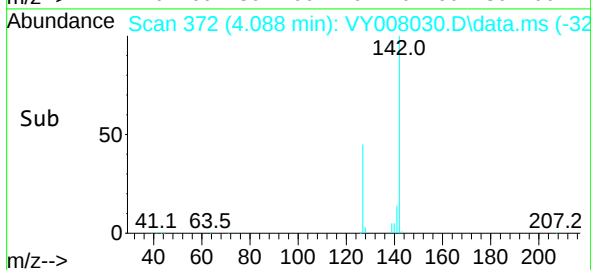
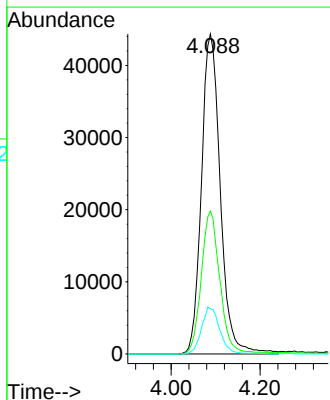
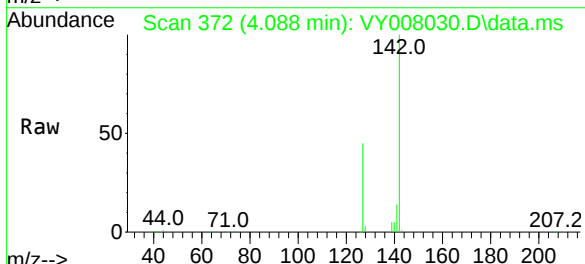
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

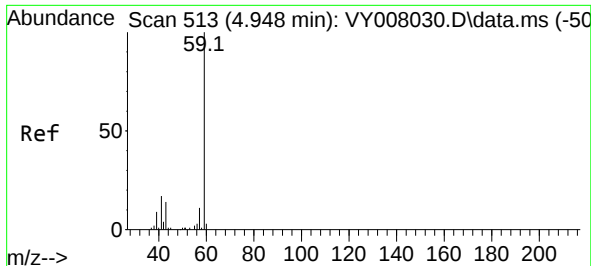
Tgt Ion:101 Resp: 110835
Ion Ratio Lower Upper
101 100
85 44.6 40.6 60.8
151 74.9 64.9 97.3



#10
Methyl Iodide
Concen: 50.668 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion:142 Resp: 131054
Ion Ratio Lower Upper
142 100
127 44.1 41.5 62.3
141 14.1 11.9 17.9





#11

Tert butyl alcohol

Concen: 170.929 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

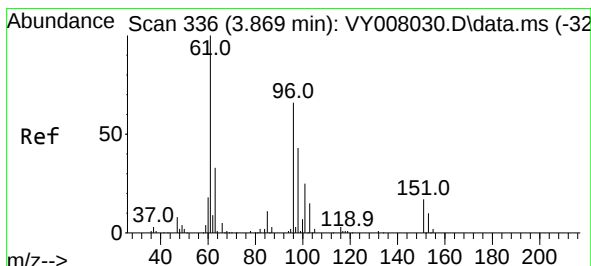
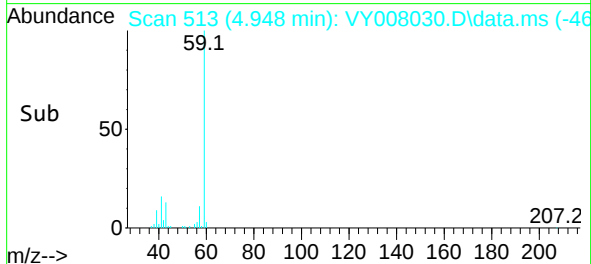
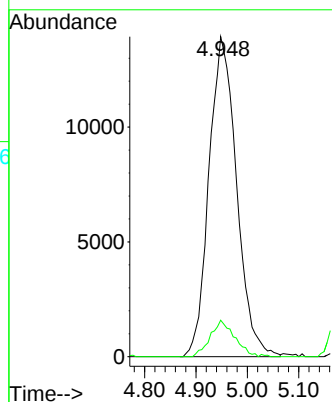
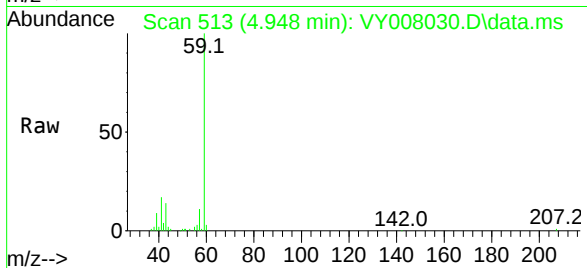
VSTDICCC050

Tgt Ion: 59 Resp: 52040

Ion Ratio Lower Upper

59 100

57 10.0 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 42.308 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

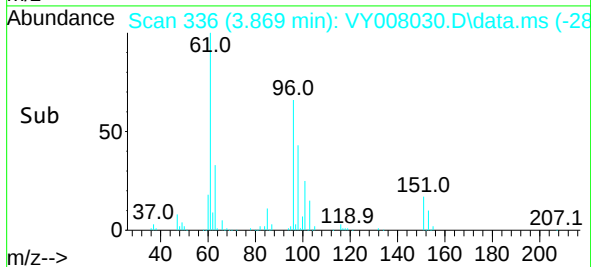
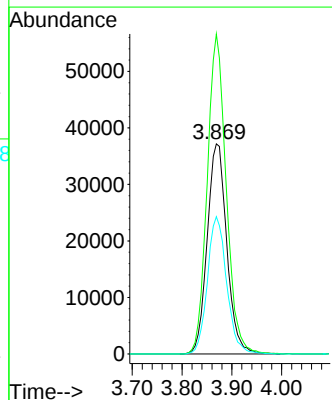
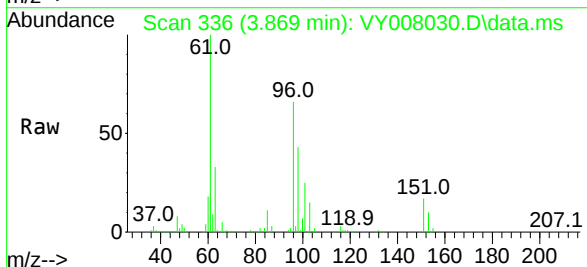
Tgt Ion: 96 Resp: 101517

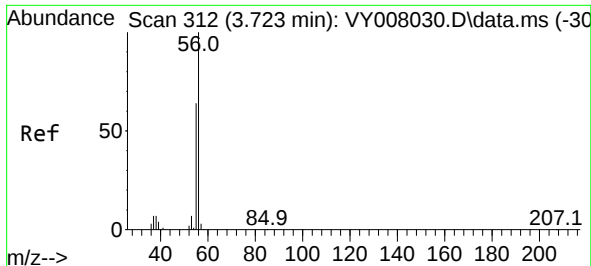
Ion Ratio Lower Upper

96 100

61 152.3 145.8 218.6

98 65.4 52.5 78.7

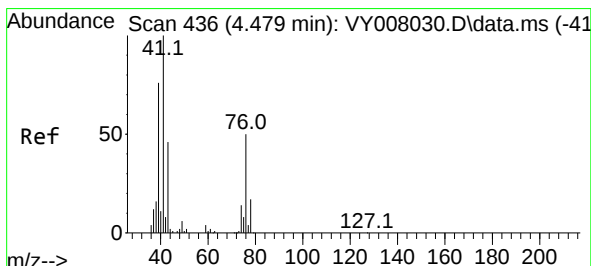
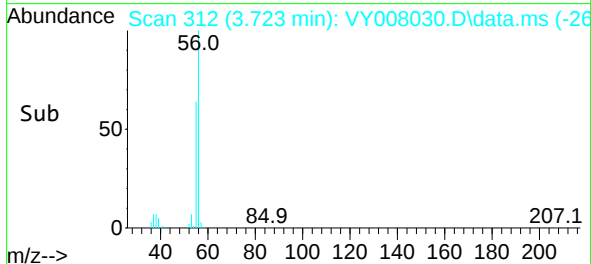
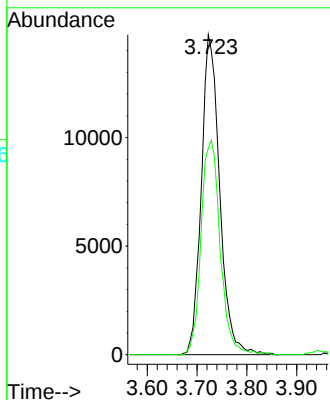
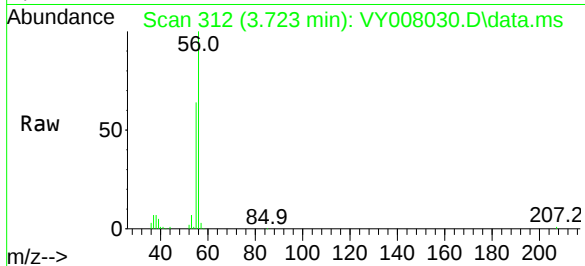




#13
Acrolein
Concen: 145.210 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

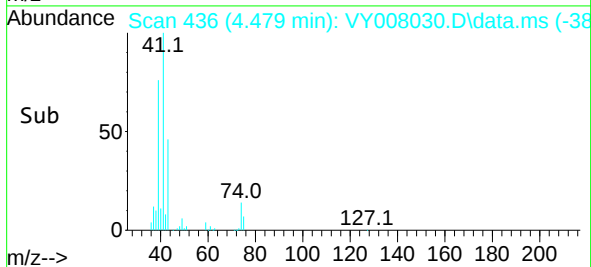
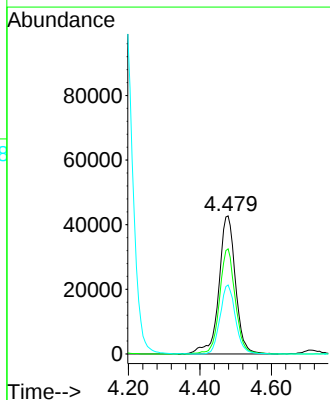
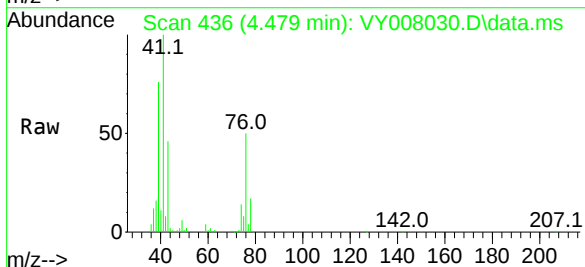
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

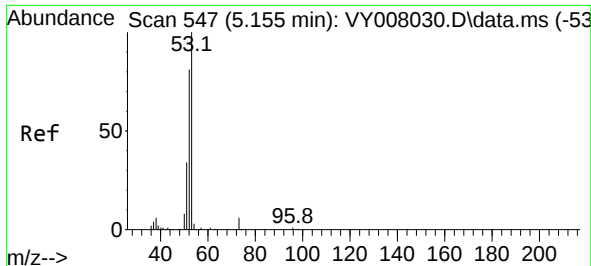
Tgt Ion: 56 Resp: 37726
Ion Ratio Lower Upper
56 100
55 69.5 57.6 86.4



#14
Allyl chloride
Concen: 34.978 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion: 41 Resp: 137952
Ion Ratio Lower Upper
41 100
39 71.9 58.8 88.2
76 46.1 25.1 37.7#

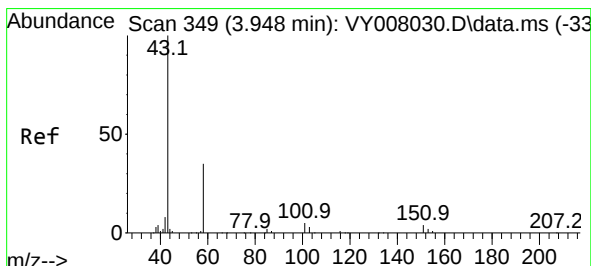
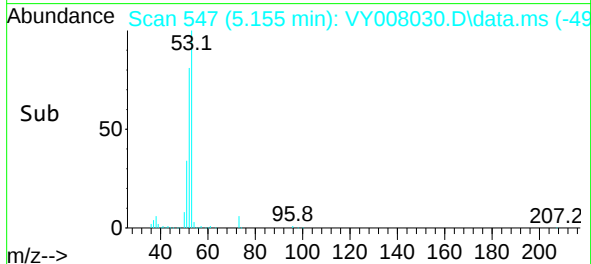
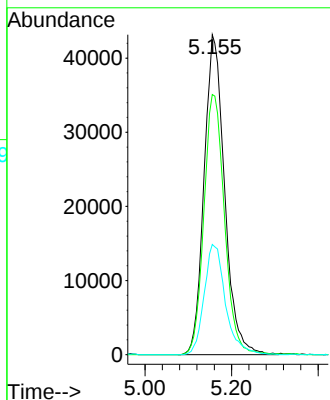
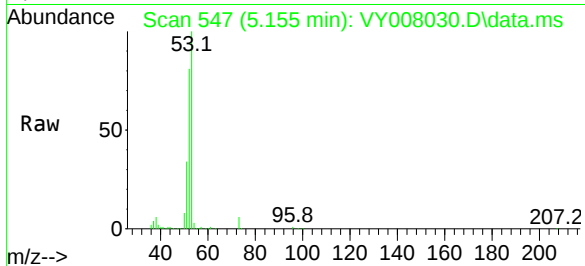




#15
Acrylonitrile
Concen: 165.381 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

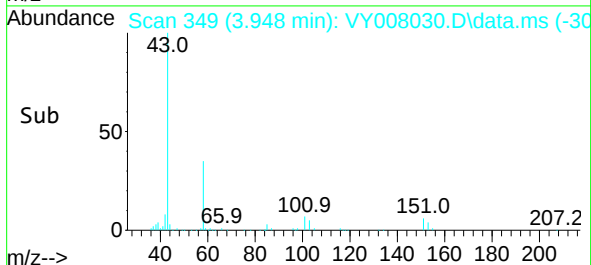
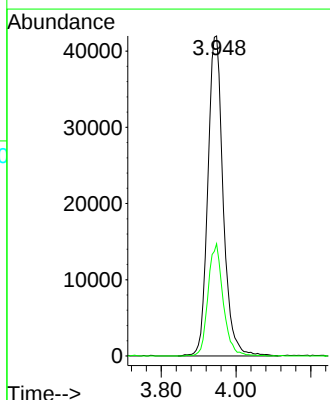
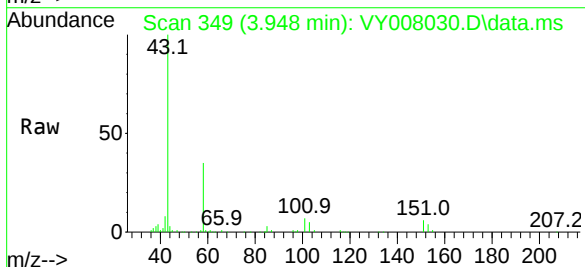
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

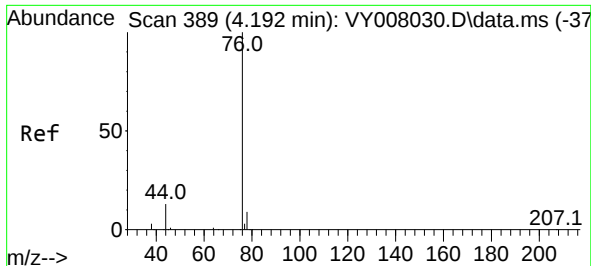
Tgt Ion: 53 Resp: 141857
Ion Ratio Lower Upper
53 100
52 81.8 67.0 100.4
51 35.9 29.8 44.6



#16
Acetone
Concen: 163.704 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion: 43 Resp: 119388
Ion Ratio Lower Upper
43 100
58 35.0 22.0 33.0#

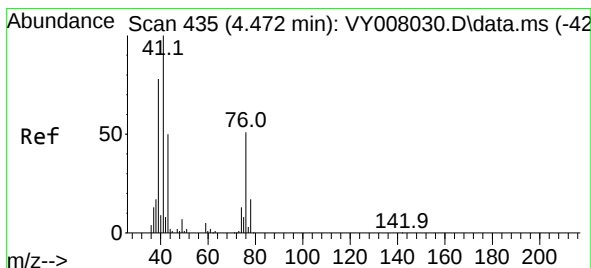
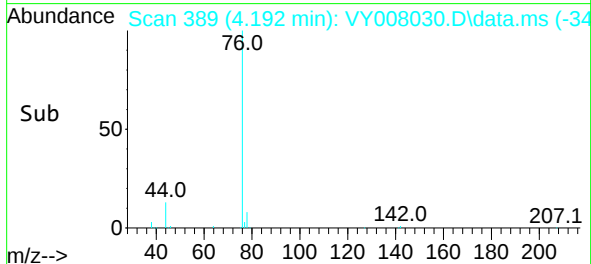
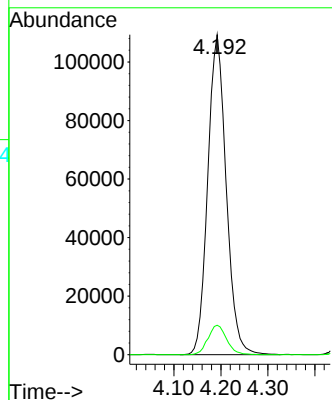
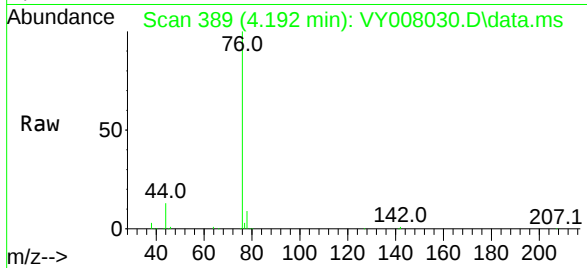




#17
Carbon Disulfide
Concen: 40.481 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

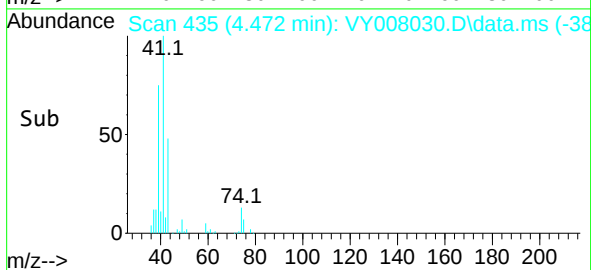
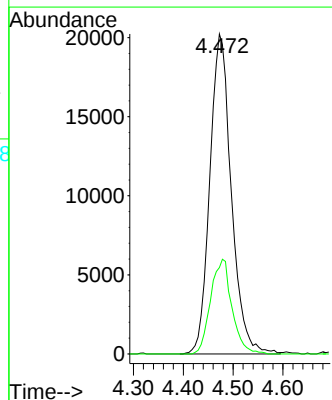
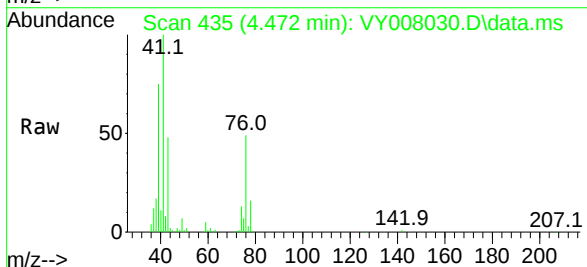
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

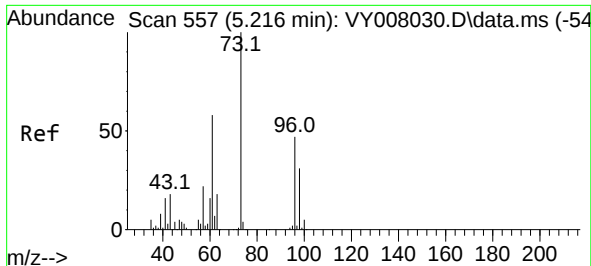
Tgt Ion: 76 Resp: 297438
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 27.038 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion: 43 Resp: 60576
Ion Ratio Lower Upper
43 100
74 29.3 16.6 24.8#

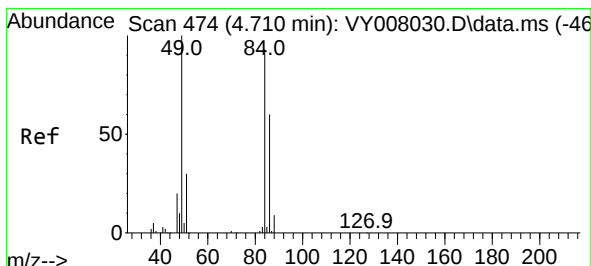
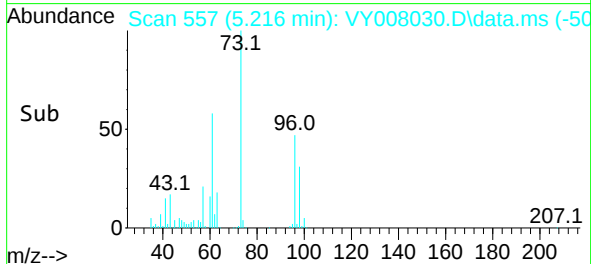
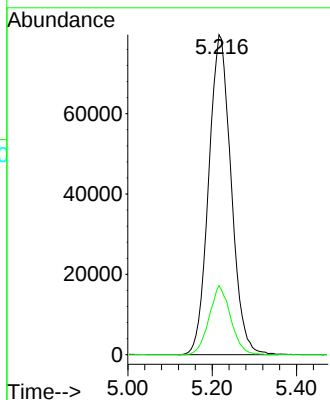
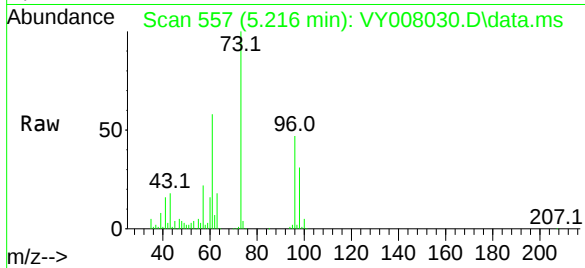




#19
Methyl tert-butyl Ether
Concen: 37.278 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

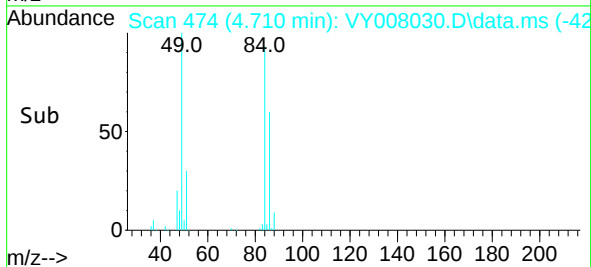
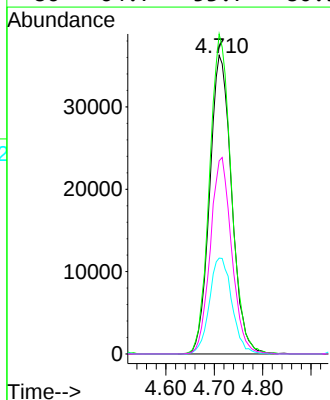
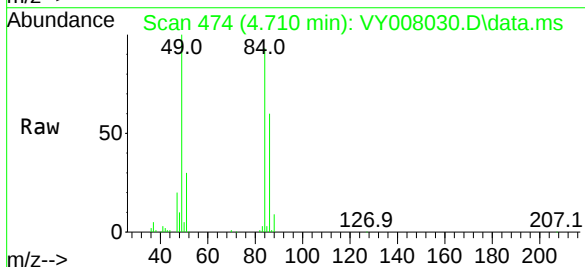
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

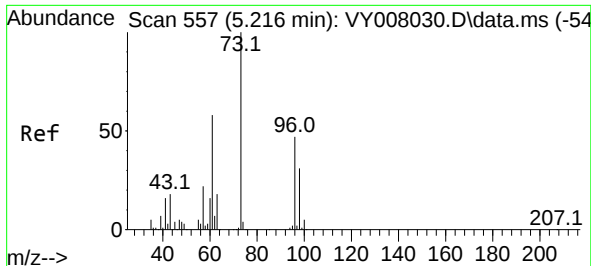
Tgt Ion: 73 Resp: 294175
Ion Ratio Lower Upper
73 100
57 21.6 18.6 27.8



#20
Methylene Chloride
Concen: 32.934 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion: 84 Resp: 114450
Ion Ratio Lower Upper
84 100
49 107.1 114.4 171.6#
51 32.1 35.3 52.9#
86 64.7 53.7 80.5

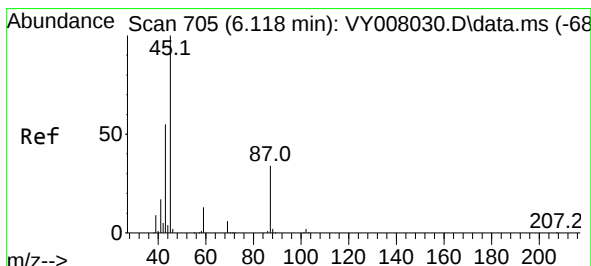
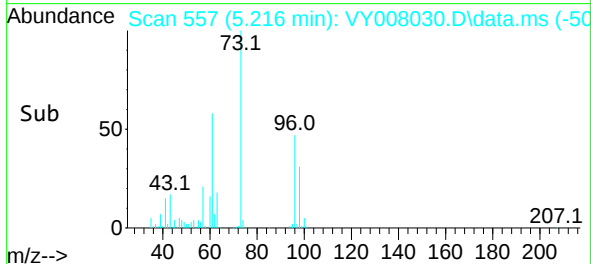
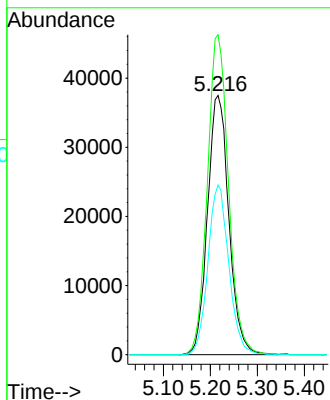
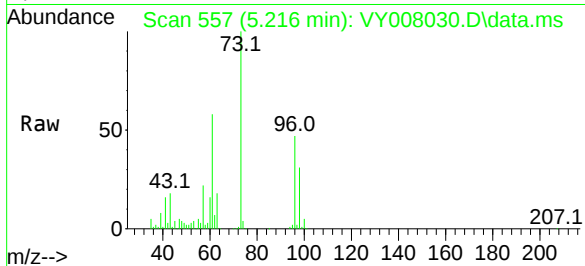




#21
trans-1,2-Dichloroethene
Concen: 41.620 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

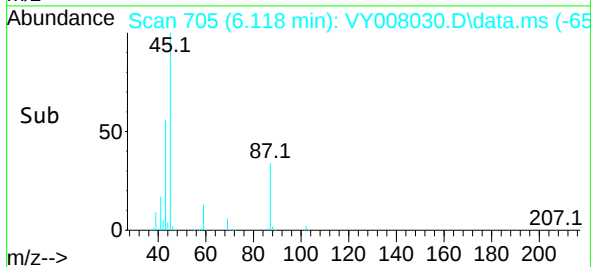
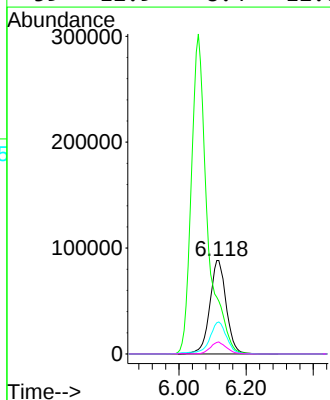
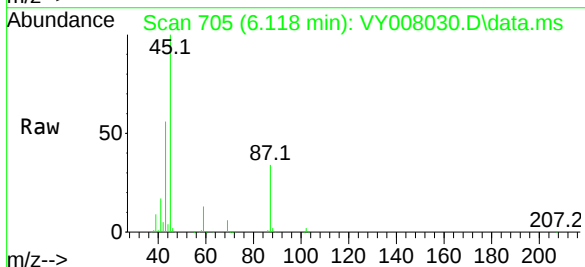
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

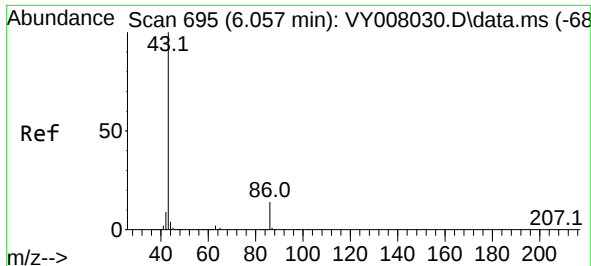
Tgt Ion: 96 Resp: 118240
Ion Ratio Lower Upper
96 100
61 123.4 120.5 180.7
98 65.4 49.8 74.8



#22
Diisopropyl ether
Concen: 35.097 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion: 45 Resp: 299080
Ion Ratio Lower Upper
45 100
43 56.3 49.3 73.9
87 34.2 19.2 28.8#
59 12.9 8.4 12.6#

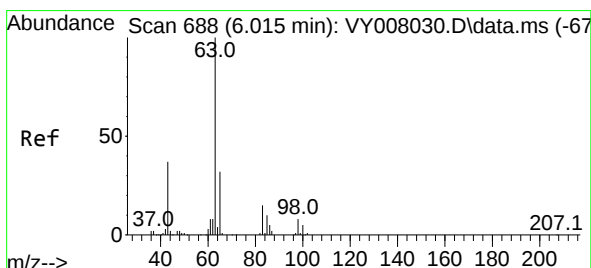
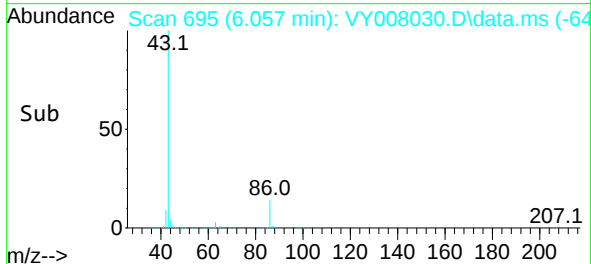
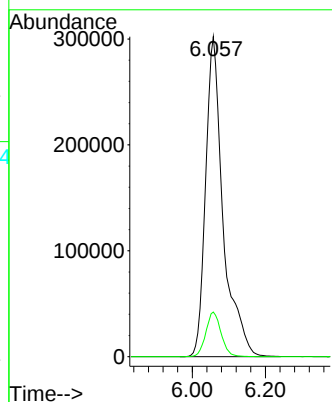
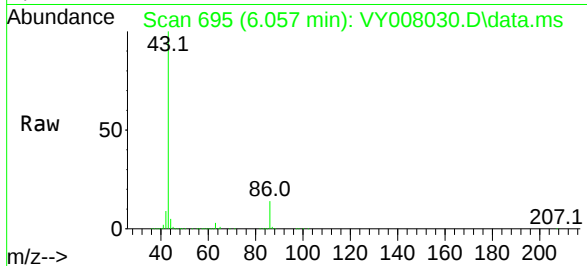




#23
 Vinyl Acetate
 Concen: 172.722 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008030.D
 Acq: 25 Mar 2022 16:56

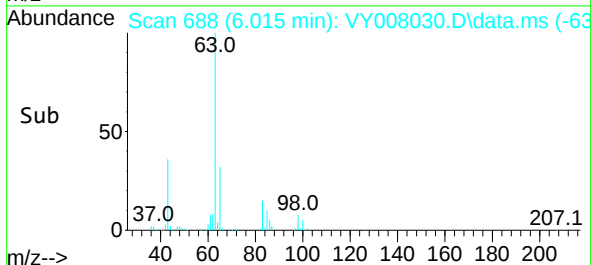
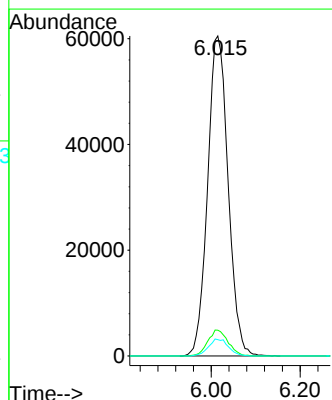
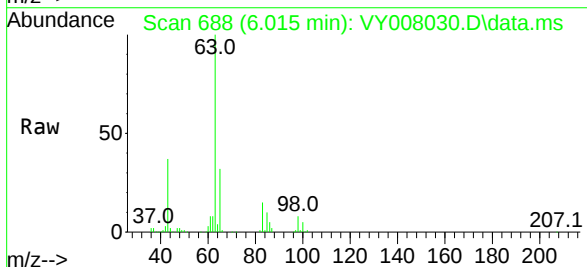
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

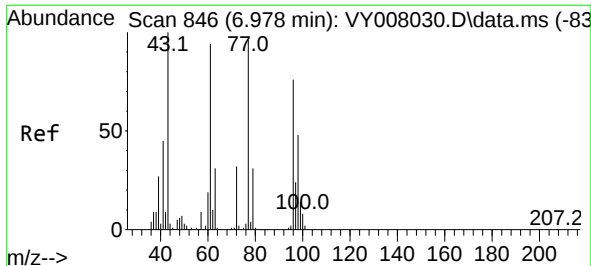
Tgt Ion: 43 Resp: 1001718
 Ion Ratio Lower Upper
 43 100
 86 14.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 39.993 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY008030.D
 Acq: 25 Mar 2022 16:56

Tgt Ion: 63 Resp: 193919
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.8
 100 5.1 2.0 5.8





#25

2-Butanone

Concen: 161.563 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

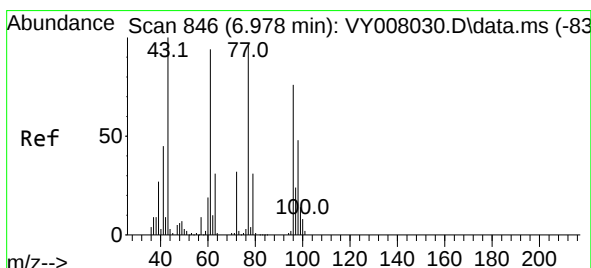
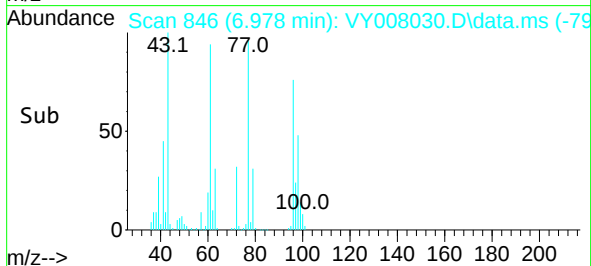
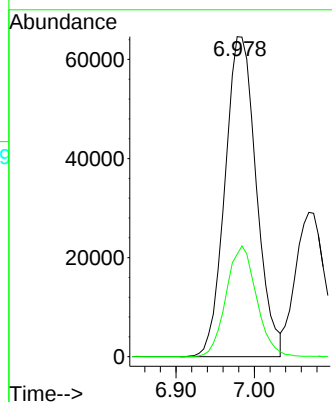
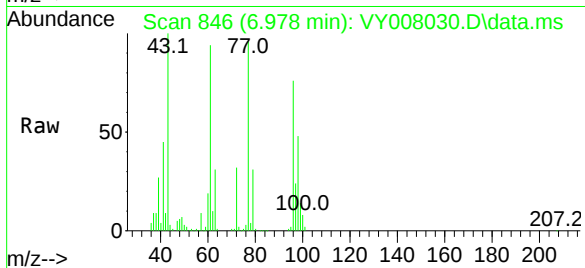
VSTDICCC050

Tgt Ion: 43 Resp: 179629

Ion Ratio Lower Upper

43 100

72 32.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 42.453 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008030.D

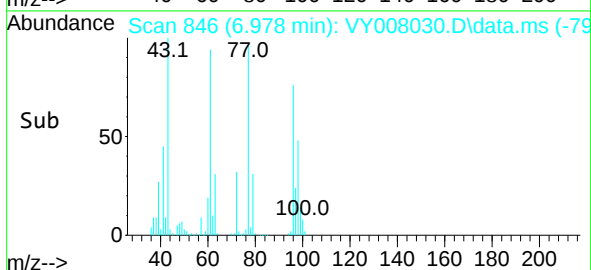
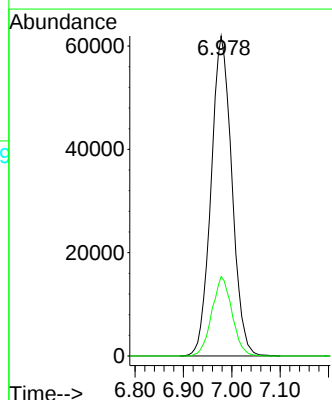
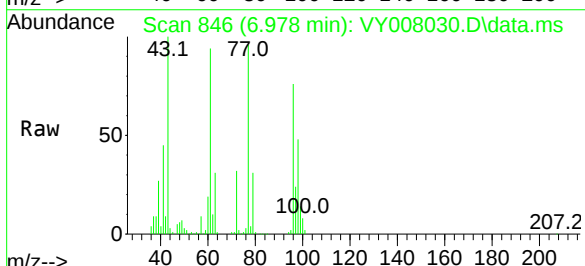
Acq: 25 Mar 2022 16:56

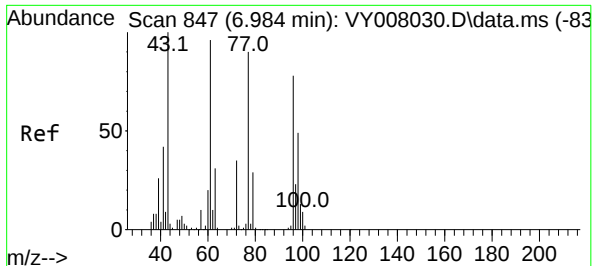
Tgt Ion: 77 Resp: 184959

Ion Ratio Lower Upper

77 100

97 24.0 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 41.412 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

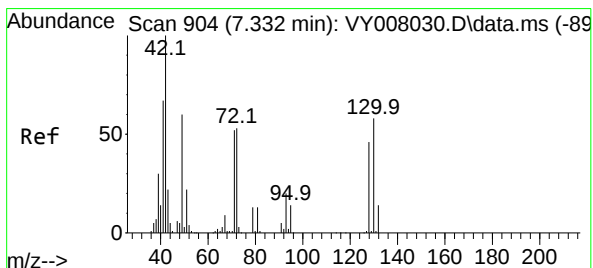
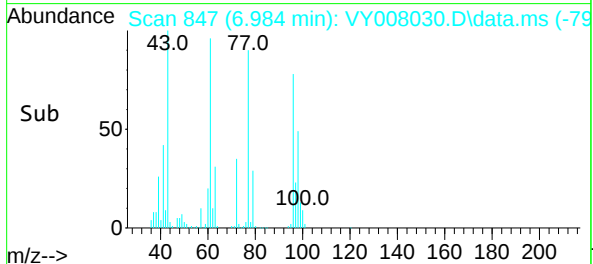
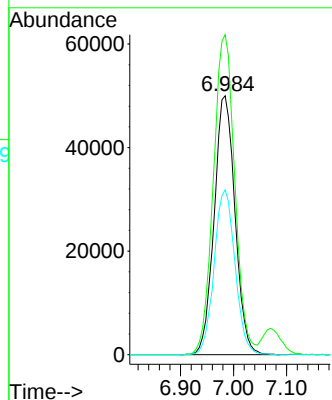
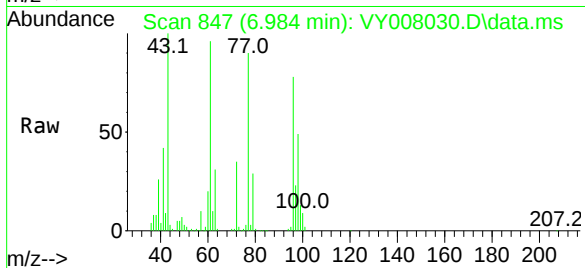
Tgt Ion: 96 Resp: 136715

Ion Ratio Lower Upper

96 100

61 127.2 0.0 319.8

98 63.9 0.0 127.0



#28

Bromochloromethane

Concen: 29.868 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

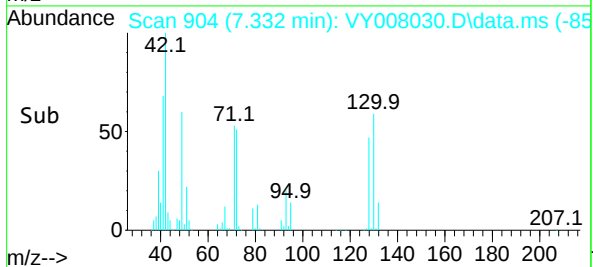
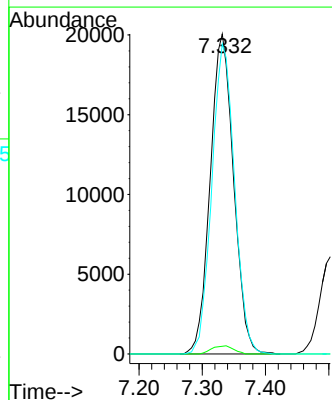
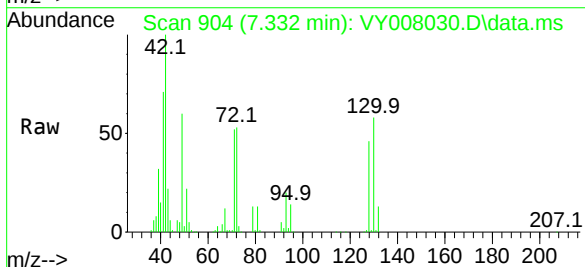
Tgt Ion: 49 Resp: 51474

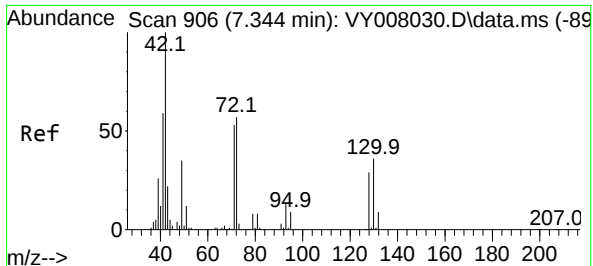
Ion Ratio Lower Upper

49 100

129 2.4 0.0 2.2#

130 94.5 55.4 83.0#





#29

Tetrahydrofuran

Concen: 156.930 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

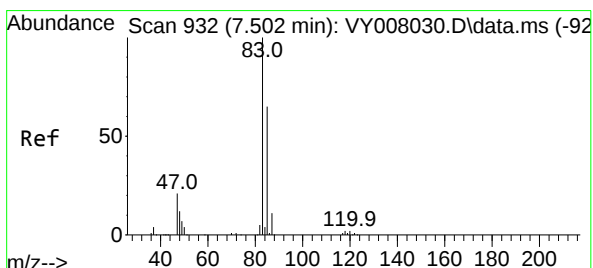
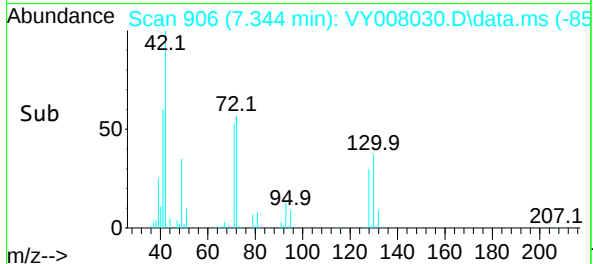
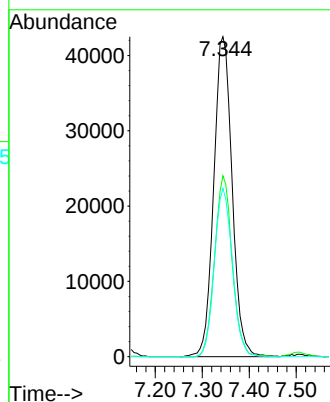
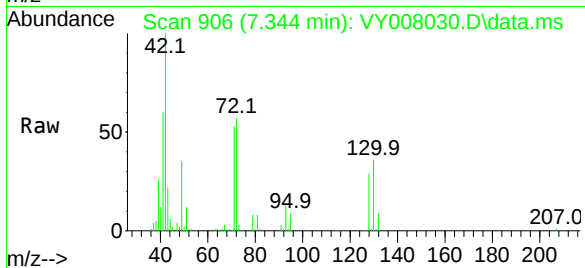
Tgt Ion: 42 Resp: 115585

Ion Ratio Lower Upper

42 100

72 54.1 30.3 45.5#

71 51.7 29.0 43.4#



#30

Chloroform

Concen: 40.702 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY008030.D

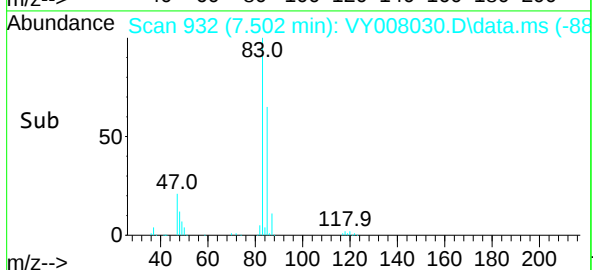
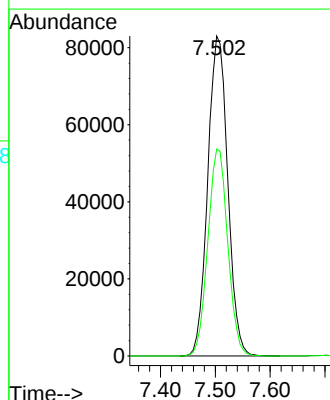
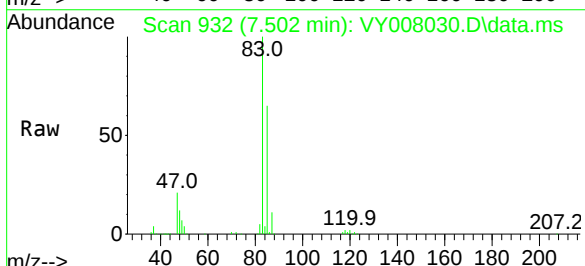
Acq: 25 Mar 2022 16:56

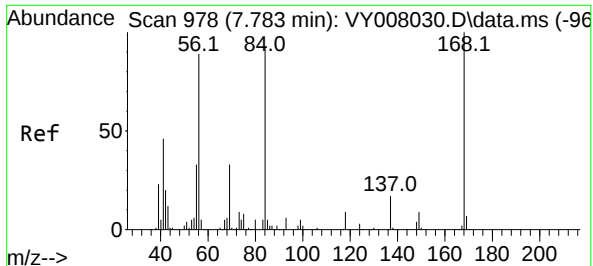
Tgt Ion: 83 Resp: 209610

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6

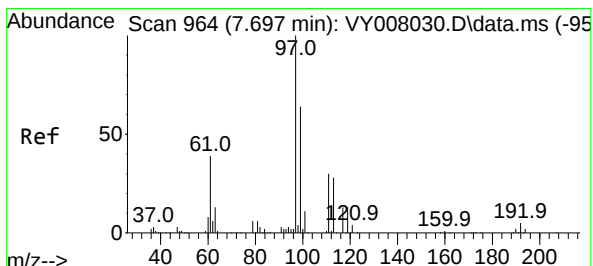
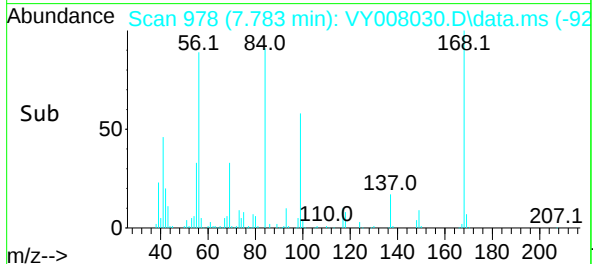
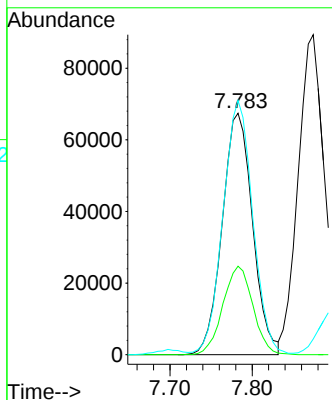
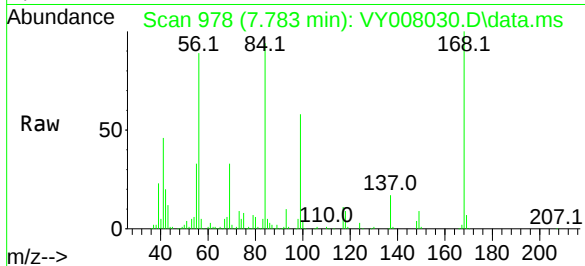




#31
Cyclohexane
Concen: 38.028 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

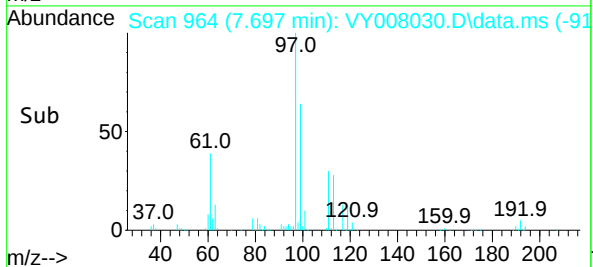
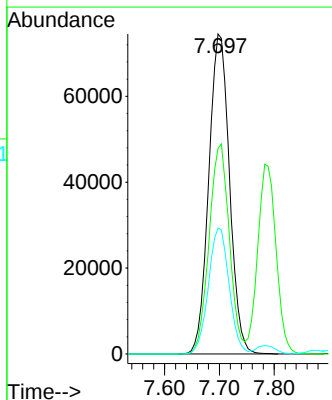
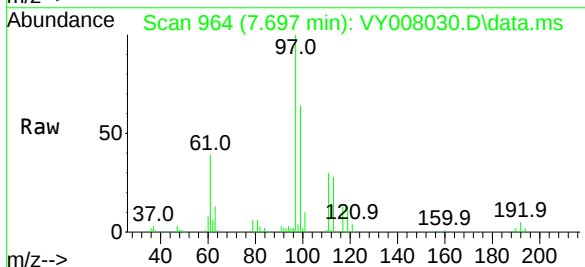
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

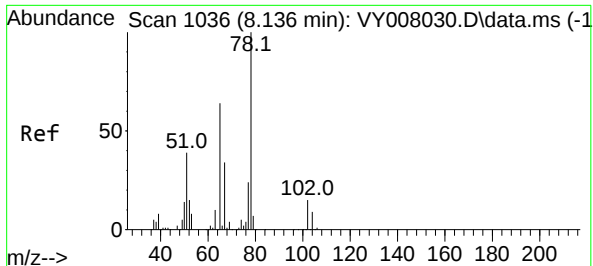
Tgt Ion: 56 Resp: 173384
Ion Ratio Lower Upper
56 100
69 36.6 26.7 40.1
84 103.5 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 44.217 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion: 97 Resp: 195486
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 39.2 37.6 56.4

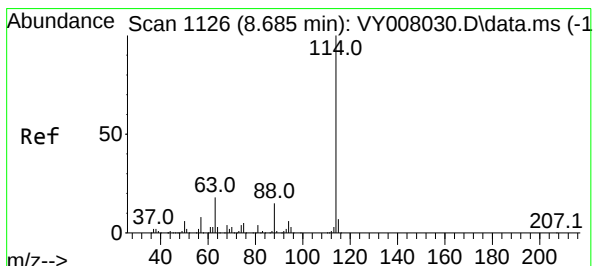
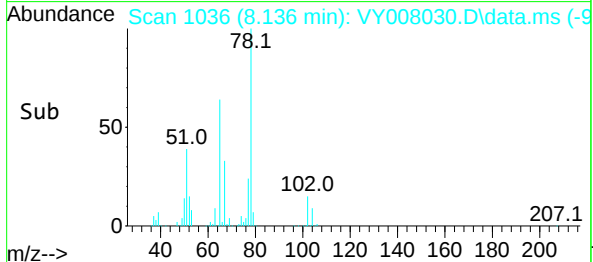
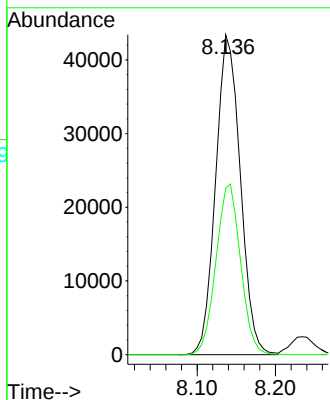
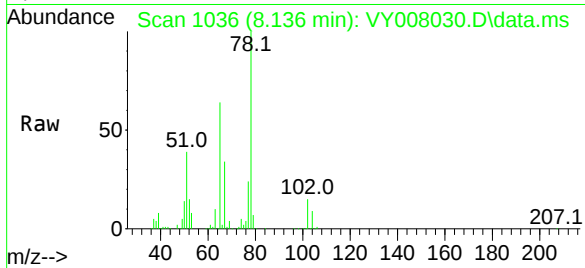




#33
 1,2-Dichloroethane-d4
 Concen: 38.119 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY008030.D
 Acq: 25 Mar 2022 16:56

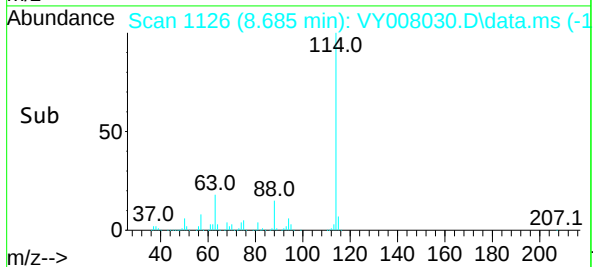
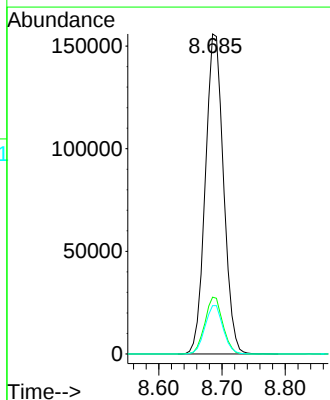
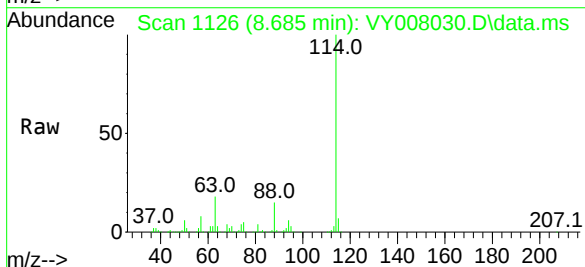
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

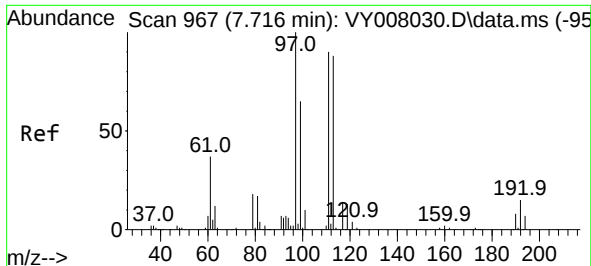
Tgt Ion: 65 Resp: 94996
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY008030.D
 Acq: 25 Mar 2022 16:56

Tgt Ion: 114 Resp: 310707
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 43.2
 88 15.1 0.0 31.8

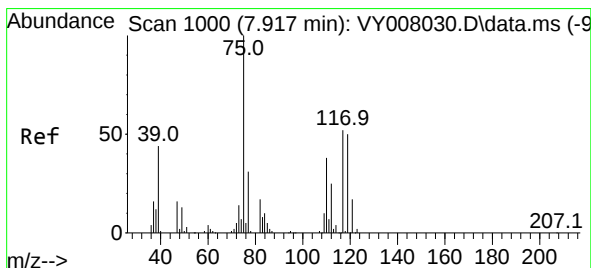
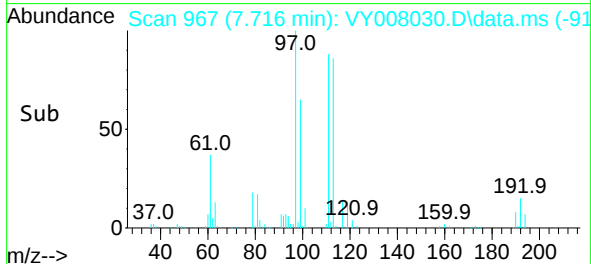
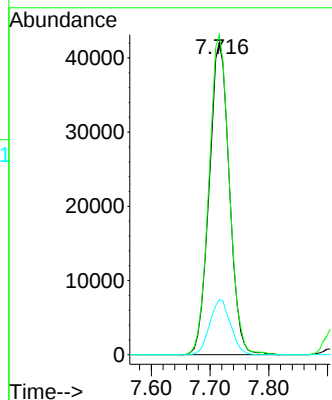
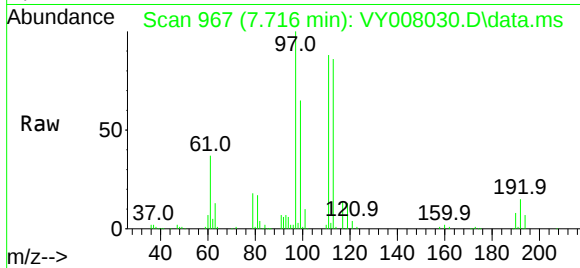




#35
Dibromofluoromethane
Concen: 48.196 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

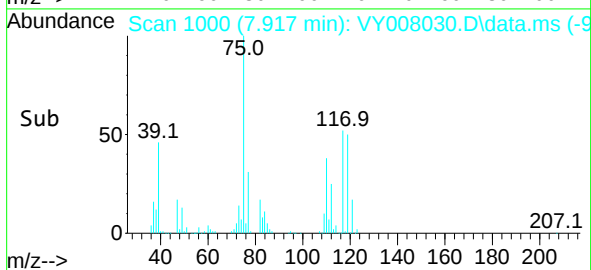
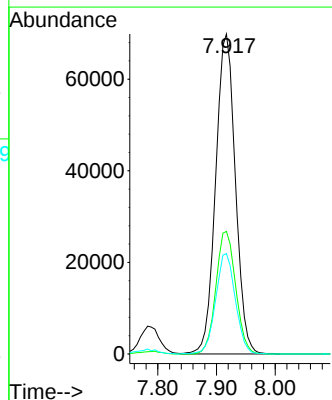
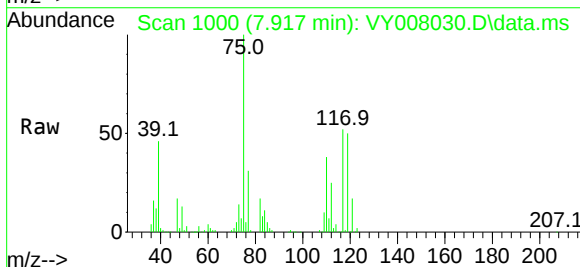
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

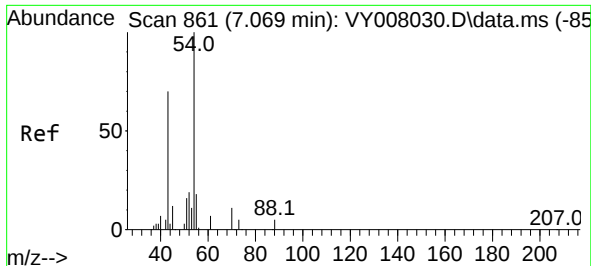
Tgt Ion:113 Resp: 100154
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 18.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 46.282 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion: 75 Resp: 162838
Ion Ratio Lower Upper
75 100
110 38.4 17.1 51.2
77 31.4 24.4 36.6

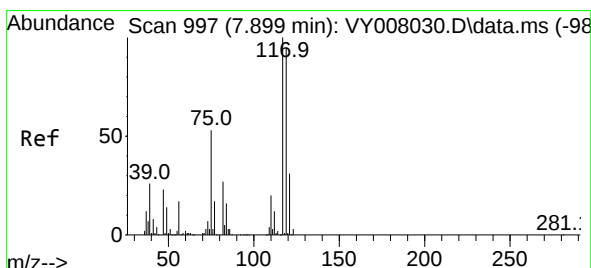
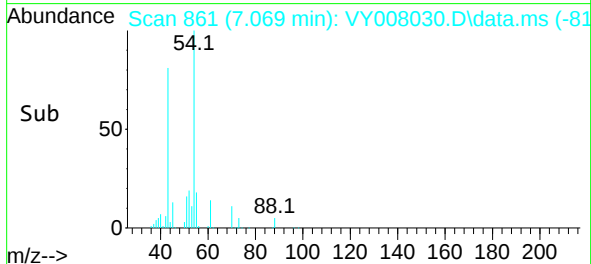
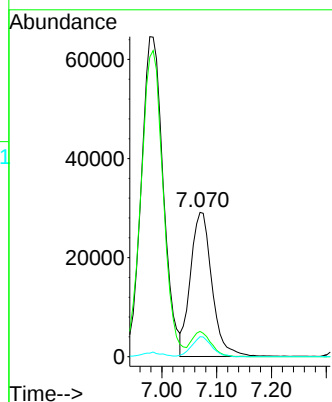
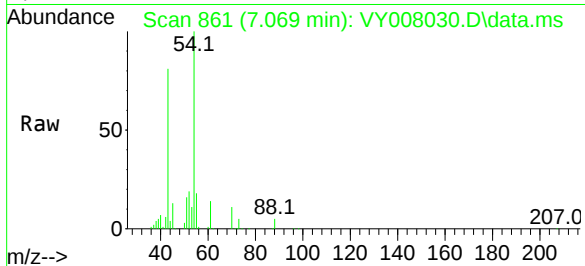




#37
Ethyl Acetate
Concen: 34.559 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

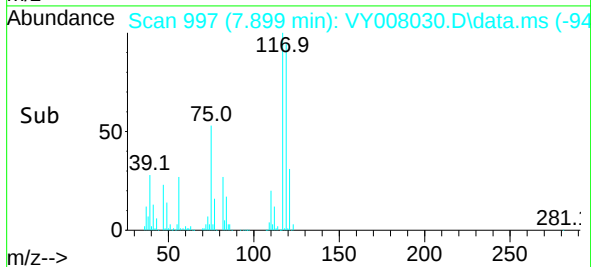
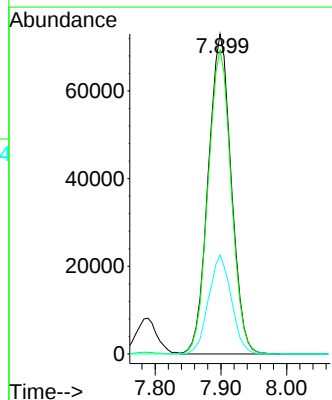
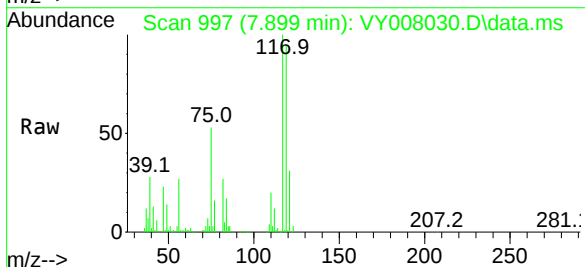
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

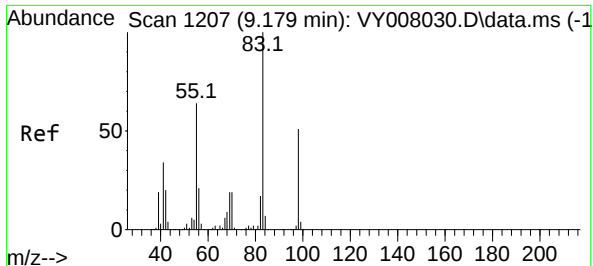
Tgt Ion: 43 Resp: 79206
Ion Ratio Lower Upper
43 100
61 15.5 9.7 14.5#
70 12.9 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 49.891 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion: 117 Resp: 178024
Ion Ratio Lower Upper
117 100
119 94.9 77.9 116.9
121 30.9 24.8 37.2





#39

Methylcyclohexane

Concen: 47.604 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

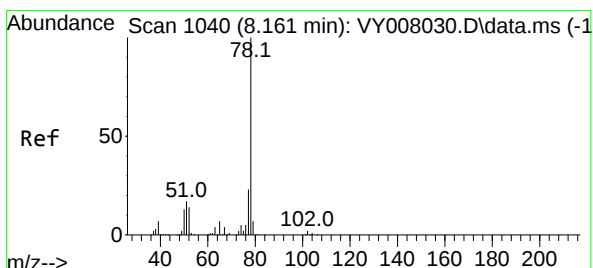
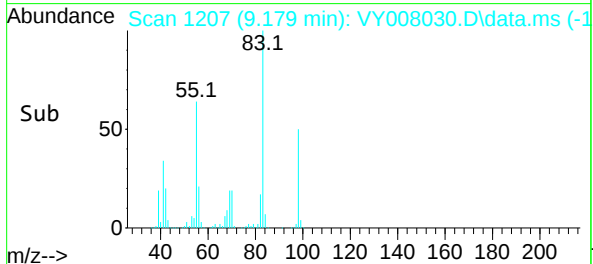
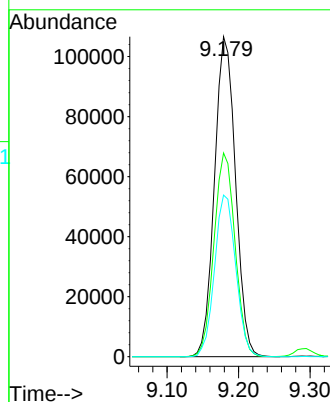
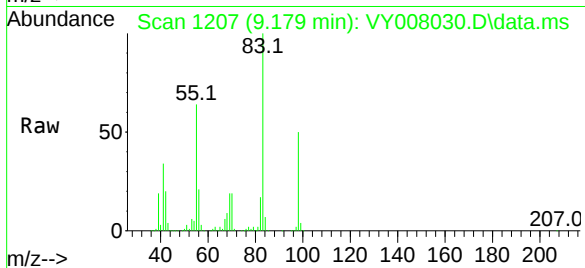
Tgt Ion: 83 Resp: 217716

Ion Ratio Lower Upper

83 100

55 63.7 66.5 99.7#

98 50.5 37.9 56.9



#40

Benzene

Concen: 44.800 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY008030.D

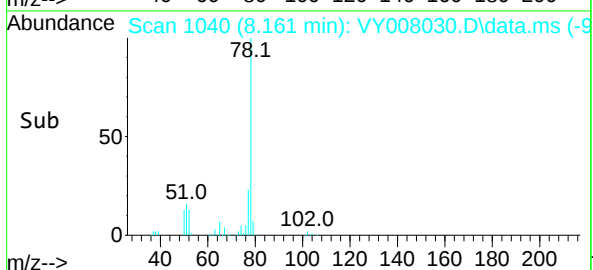
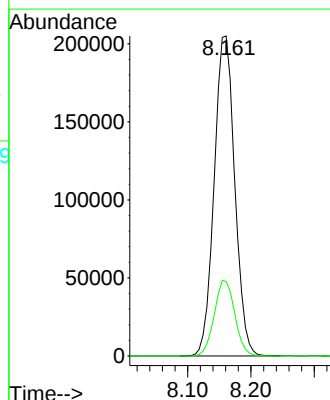
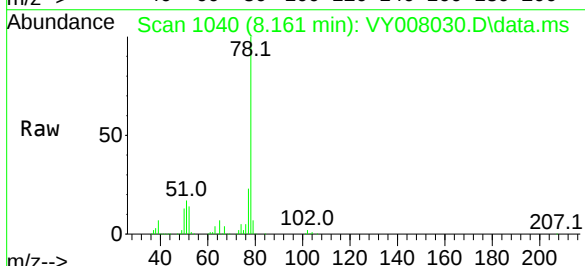
Acq: 25 Mar 2022 16:56

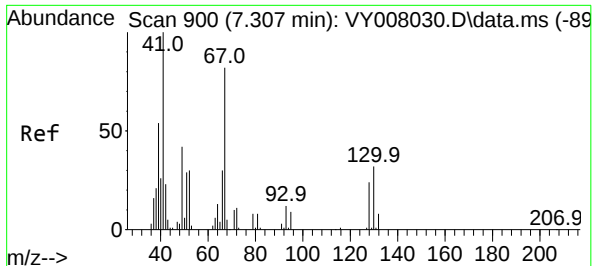
Tgt Ion: 78 Resp: 462395

Ion Ratio Lower Upper

78 100

77 23.3 20.4 30.6

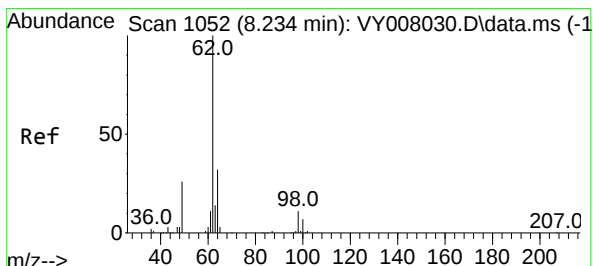
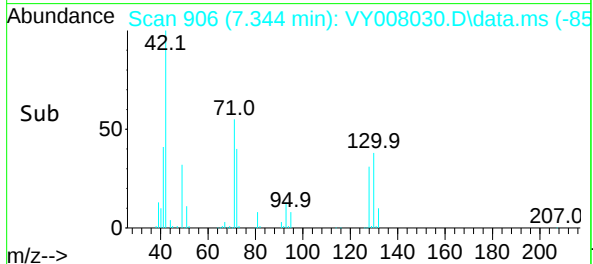
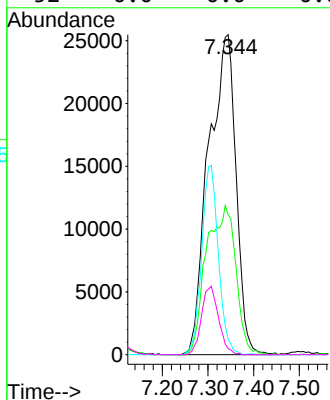
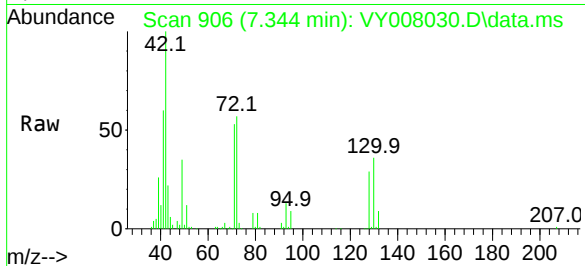




#41
Methacrylonitrile
Concen: 41.400 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

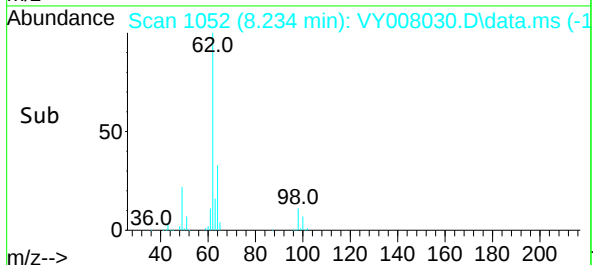
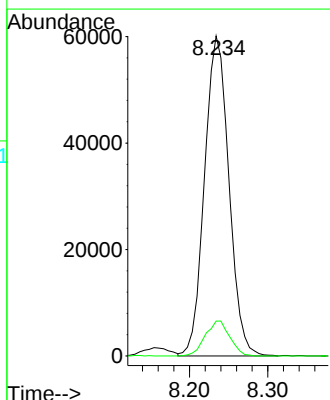
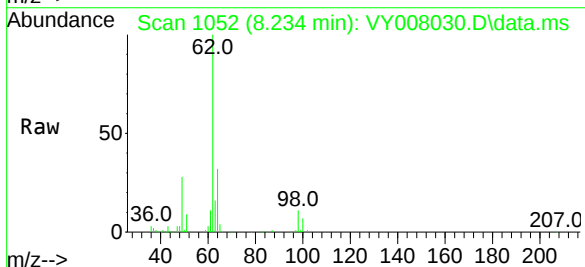
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

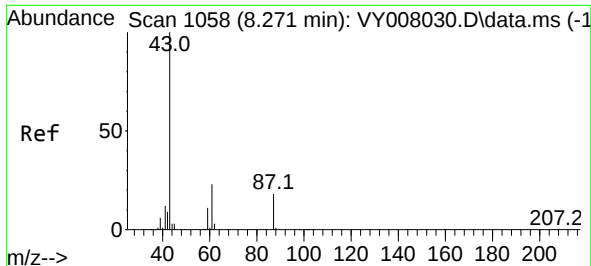
Tgt Ion: 41 Resp: 105907
Ion Ratio Lower Upper
41 100
39 50.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 40.878 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion: 62 Resp: 130126
Ion Ratio Lower Upper
62 100
98 11.0 0.0 14.8

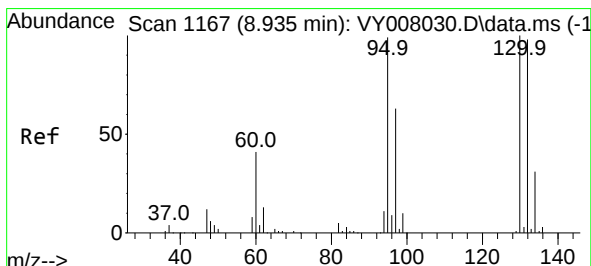
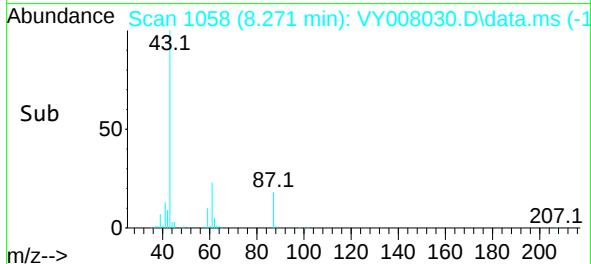
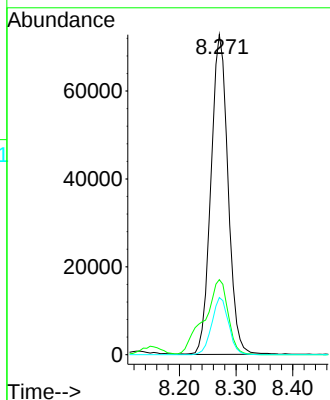
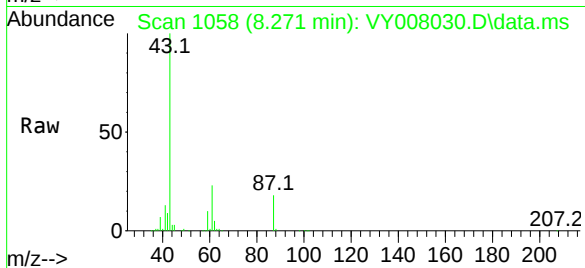




#43
Isopropyl Acetate
Concen: 35.418 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

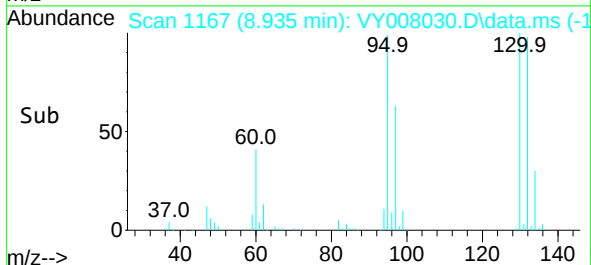
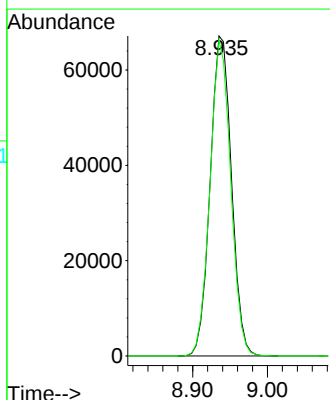
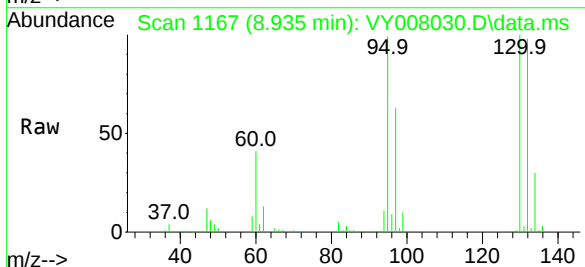
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

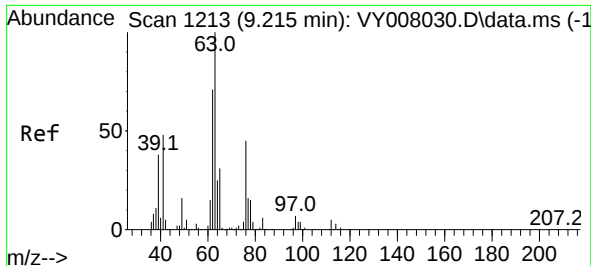
Tgt Ion: 43 Resp: 151857
Ion Ratio Lower Upper
43 100
61 32.8 20.2 30.2#
87 17.6 8.9 13.3#



#44
Trichloroethene
Concen: 48.072 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion:130 Resp: 132866
Ion Ratio Lower Upper
130 100
95 98.7 0.0 188.2





#45

1,2-Dichloropropane

Concen: 41.713 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

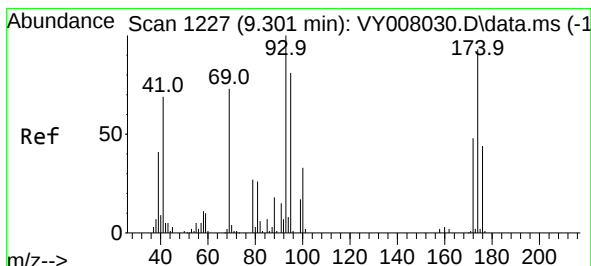
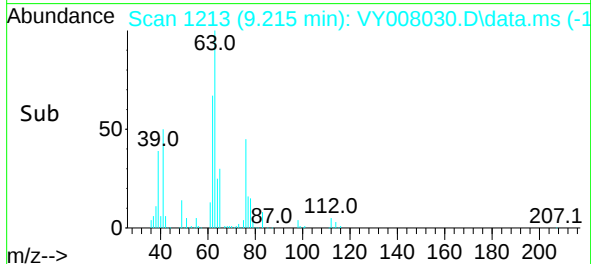
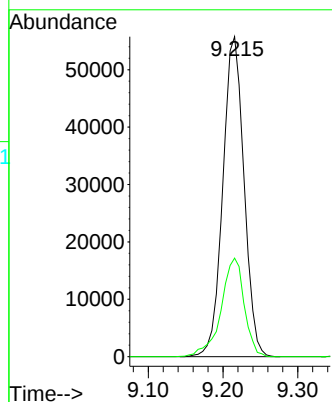
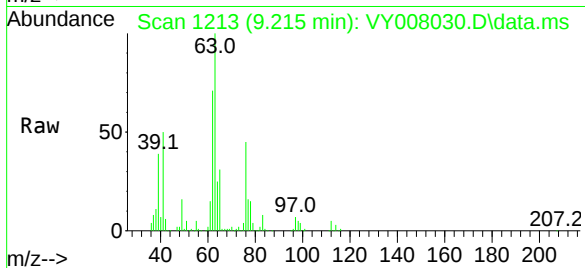
VSTDICCC050

Tgt Ion: 63 Resp: 109933

Ion Ratio Lower Upper

63 100

65 30.8 23.0 34.6



#46

Dibromomethane

Concen: 42.935 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

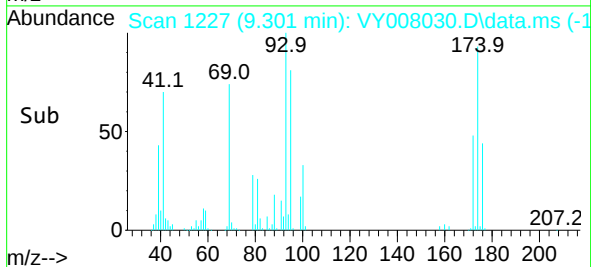
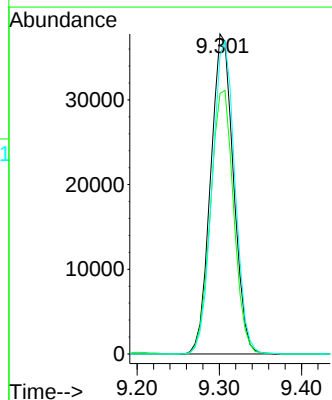
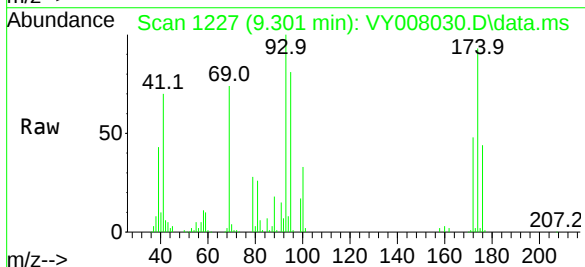
Tgt Ion: 93 Resp: 72841

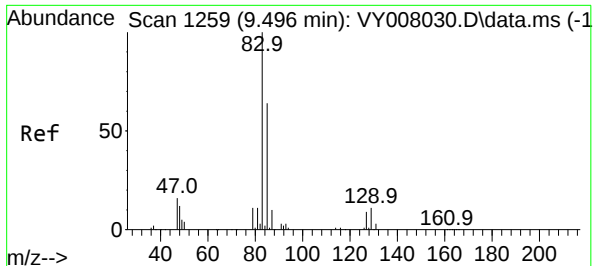
Ion Ratio Lower Upper

93 100

95 83.5 64.3 96.5

174 97.4 83.4 125.0

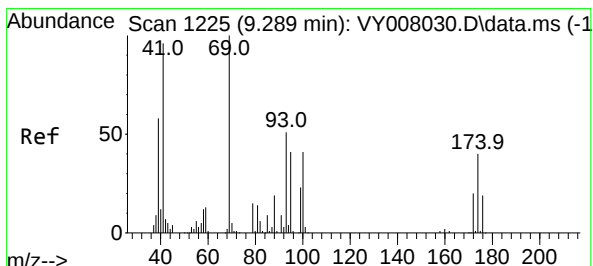
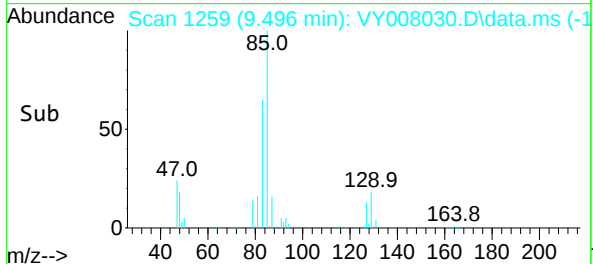
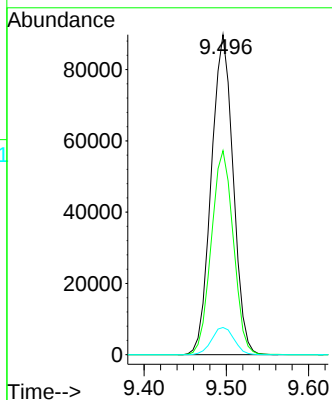
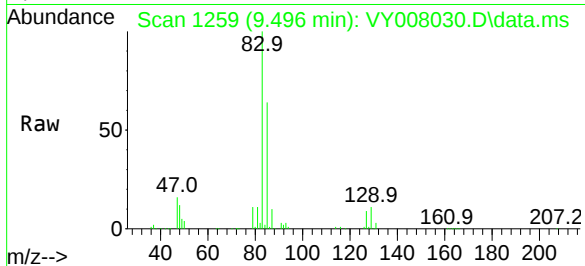




#47
Bromodichloromethane
Concen: 44.248 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

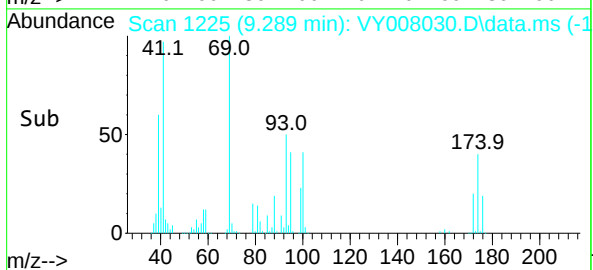
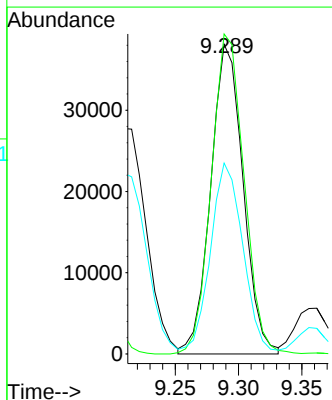
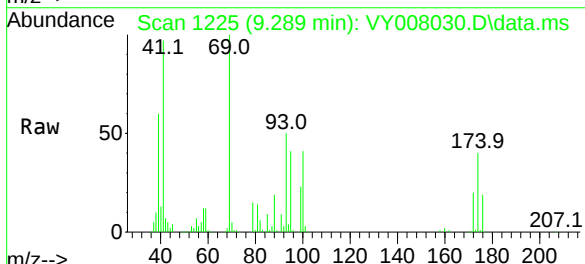
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

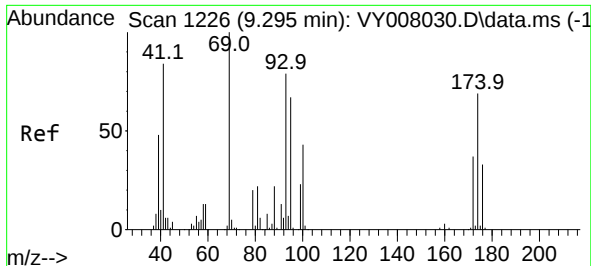
Tgt Ion: 83 Resp: 165760
Ion Ratio Lower Upper
83 100
85 63.8 51.9 77.9
127 8.5 6.6 10.0



#48
Methyl methacrylate
Concen: 36.510 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion: 41 Resp: 67933
Ion Ratio Lower Upper
41 100
69 103.9 58.2 87.2#
39 59.3 47.4 71.0





#49

1,4-Dioxane

Concen: 837.565 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

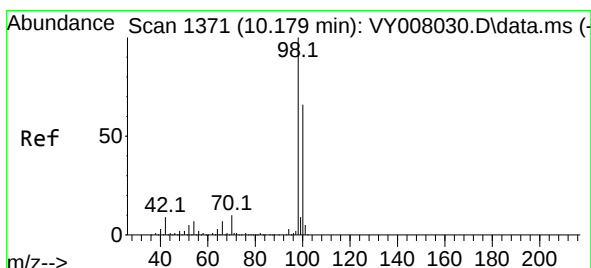
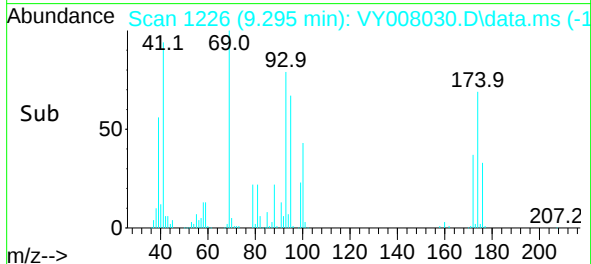
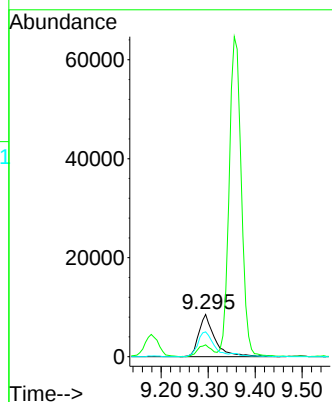
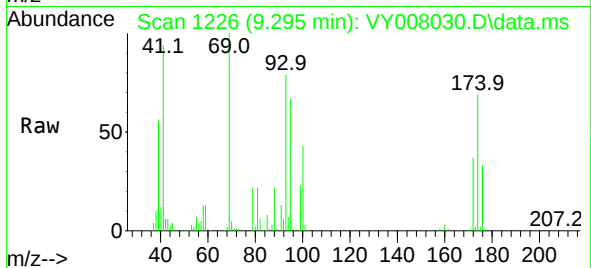
Tgt Ion: 88 Resp: 20404

Ion Ratio Lower Upper

88 100

43 25.2 32.8 49.2#

58 57.6 59.8 89.6#



#50

Toluene-d8

Concen: 50.670 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008030.D

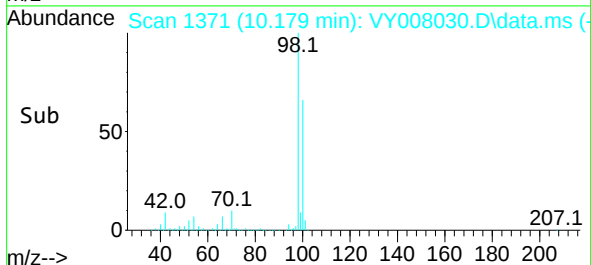
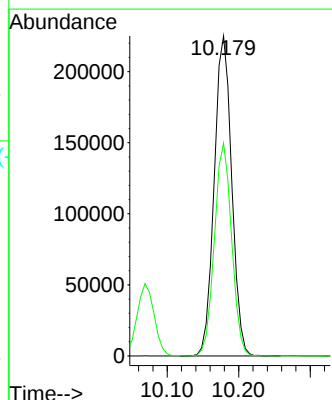
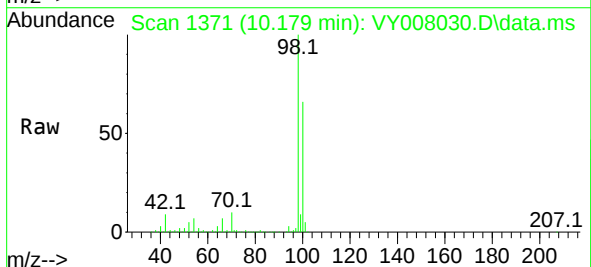
Acq: 25 Mar 2022 16:56

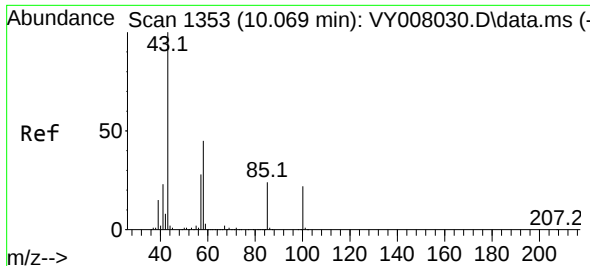
Tgt Ion: 98 Resp: 382204

Ion Ratio Lower Upper

98 100

100 65.7 50.2 75.2

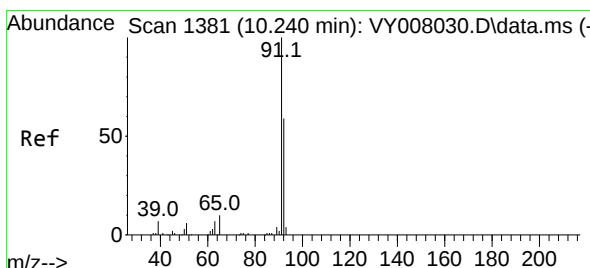
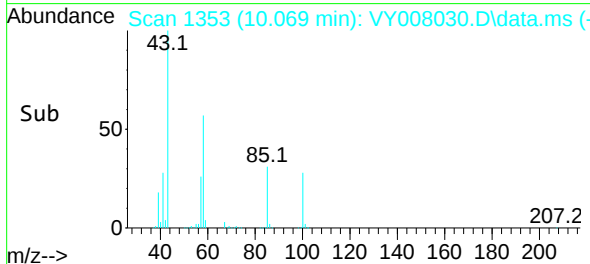
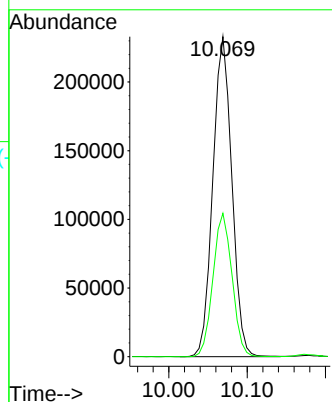
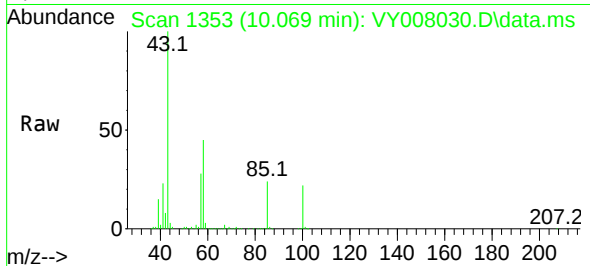




#51
4-Methyl-2-Pentanone
Concen: 179.307 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

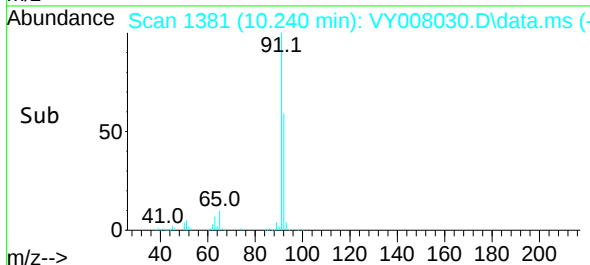
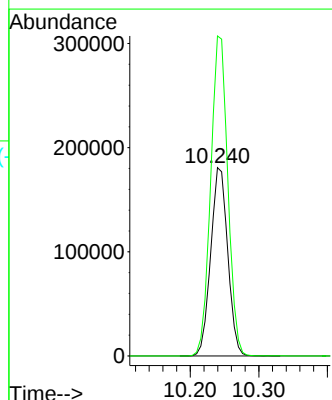
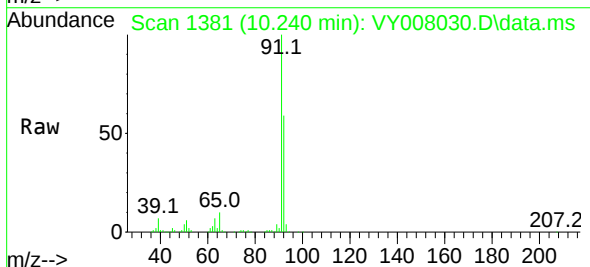
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

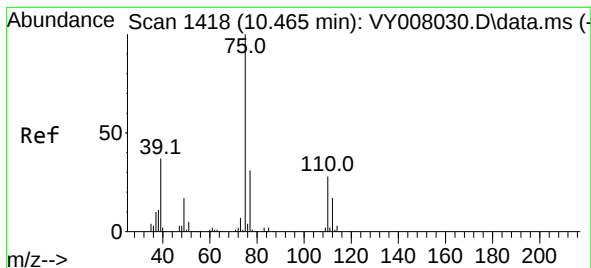
Tgt Ion: 43 Resp: 392781
Ion Ratio Lower Upper
43 100
58 44.9 28.1 42.1#



#52
Toluene
Concen: 47.552 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion: 92 Resp: 312373
Ion Ratio Lower Upper
92 100
91 170.9 142.6 213.8

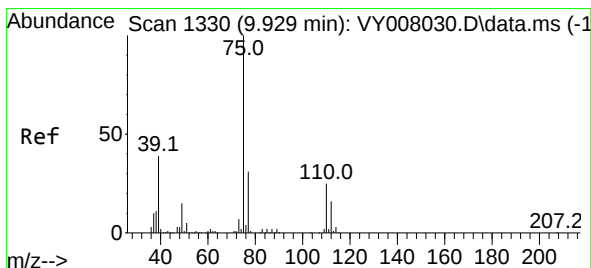
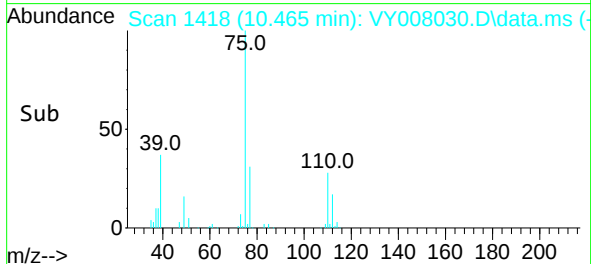
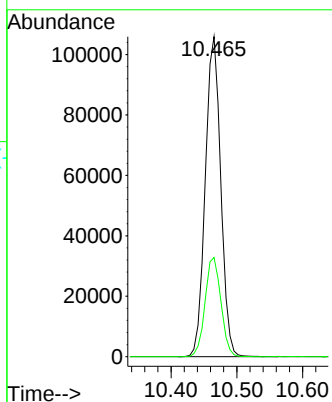
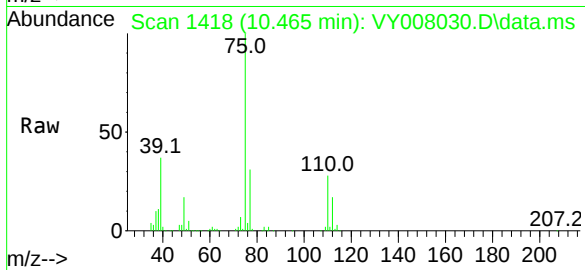




#53
 t-1,3-Dichloropropene
 Concen: 43.010 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008030.D
 Acq: 25 Mar 2022 16:56

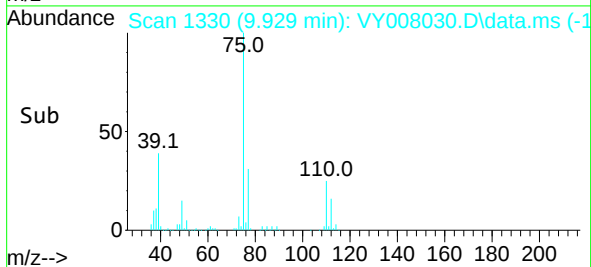
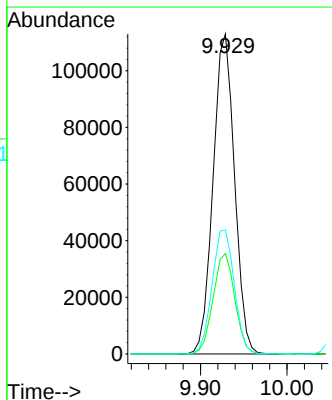
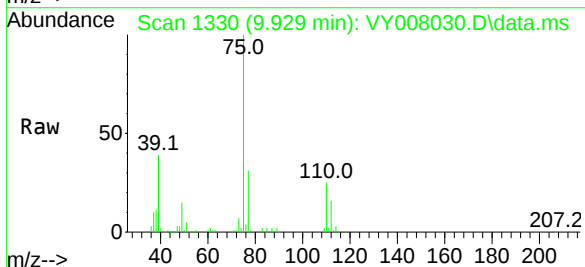
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

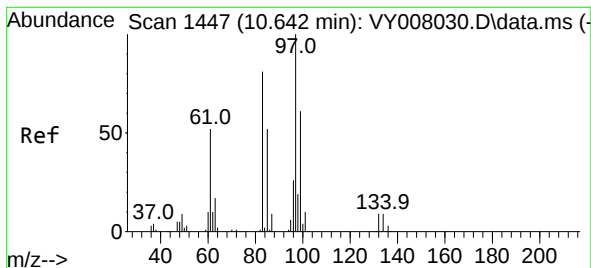
Tgt Ion: 75 Resp: 173162
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 43.220 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY008030.D
 Acq: 25 Mar 2022 16:56

Tgt Ion: 75 Resp: 194130
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.6 38.4
 39 38.8 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 44.193 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 102272

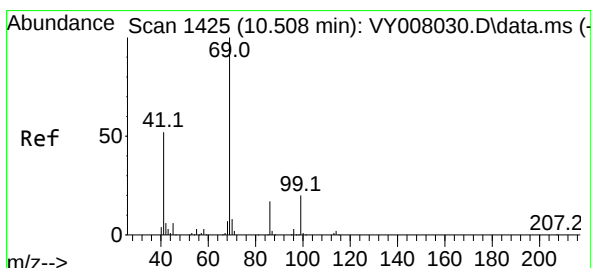
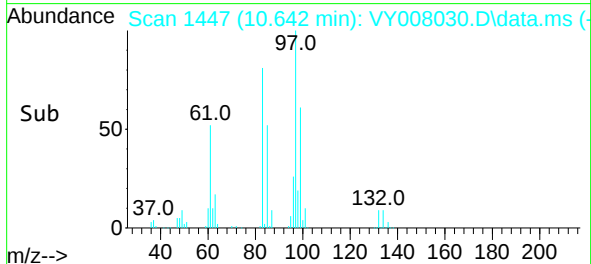
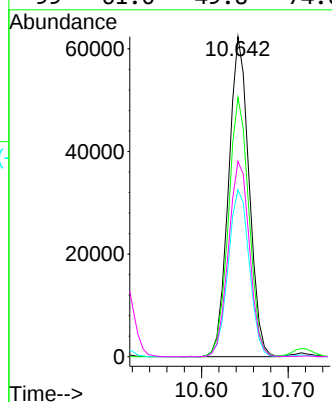
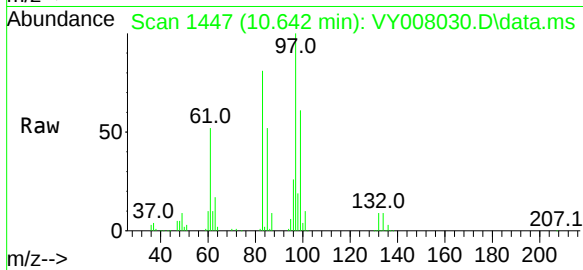
Ion Ratio Lower Upper

97 100

83 81.0 69.8 104.8

85 52.1 44.3 66.5

99 61.0 49.8 74.6



#56

Ethyl methacrylate

Concen: 41.899 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

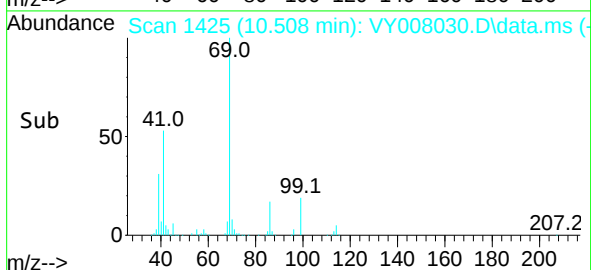
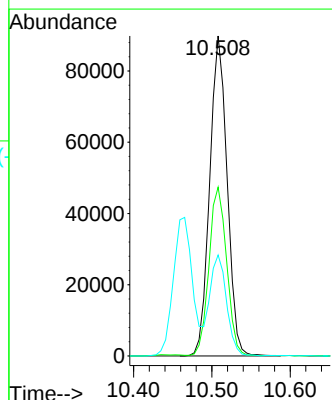
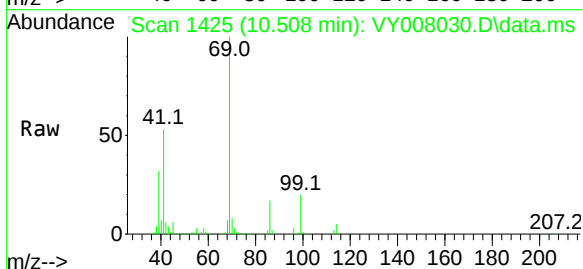
Tgt Ion: 69 Resp: 138652

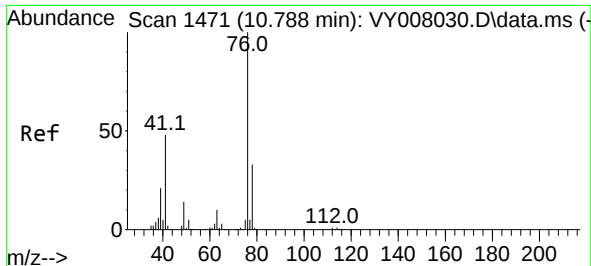
Ion Ratio Lower Upper

69 100

41 53.2 63.4 95.0#

39 29.8 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 41.887 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

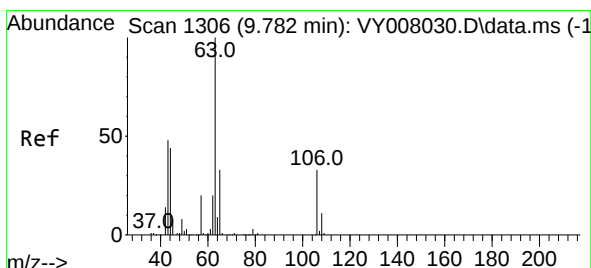
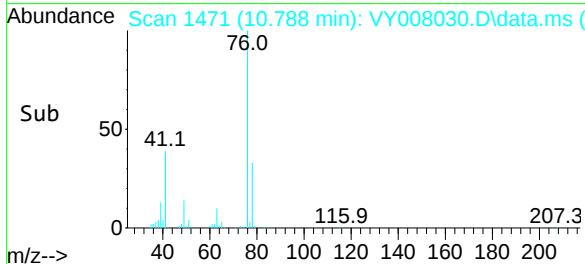
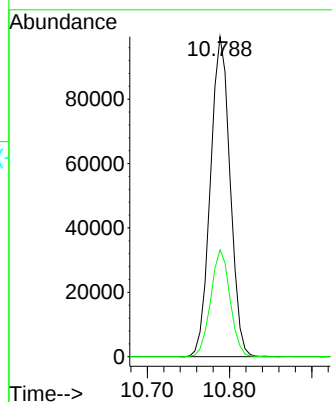
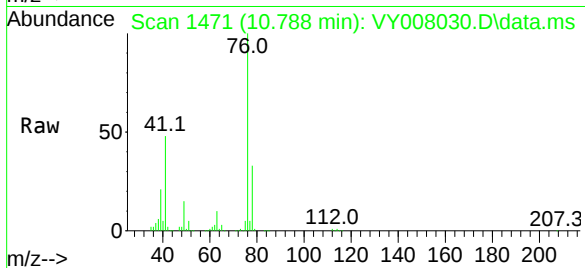
VSTDICCC050

Tgt Ion: 76 Resp: 165227

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 176.127 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008030.D

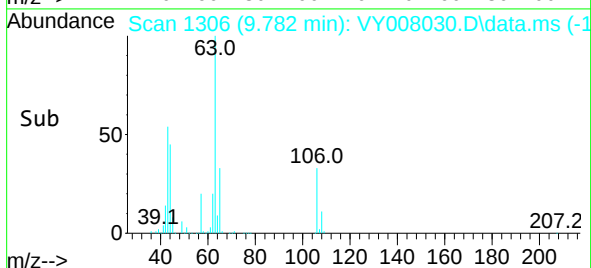
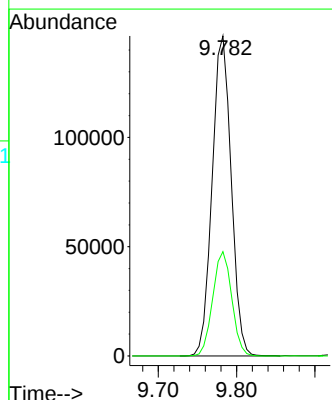
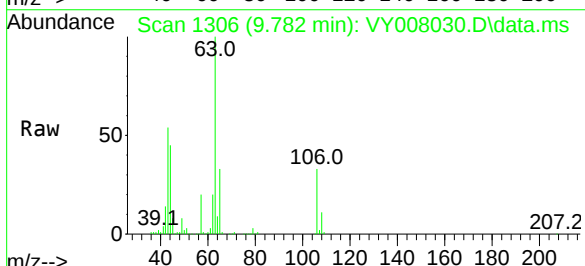
Acq: 25 Mar 2022 16:56

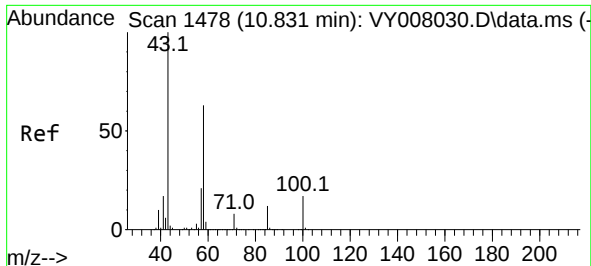
Tgt Ion: 63 Resp: 247118

Ion Ratio Lower Upper

63 100

106 32.5 21.5 32.3#

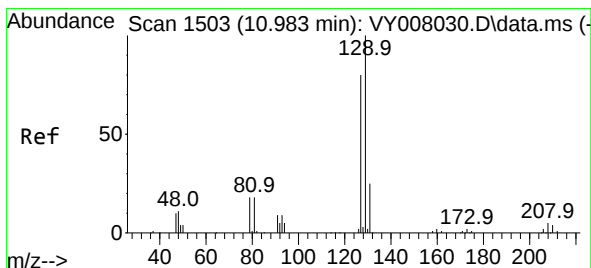
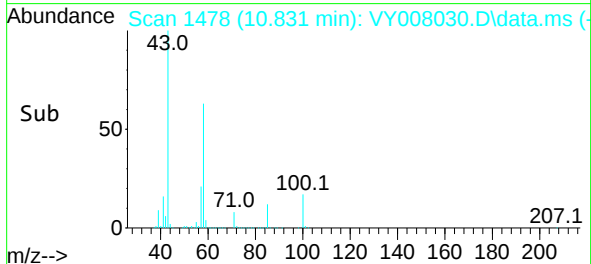
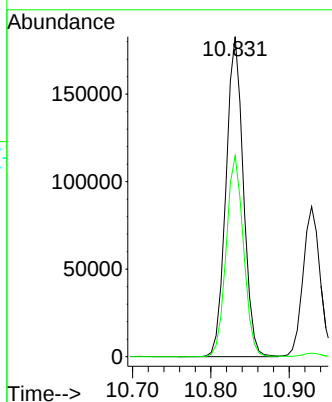
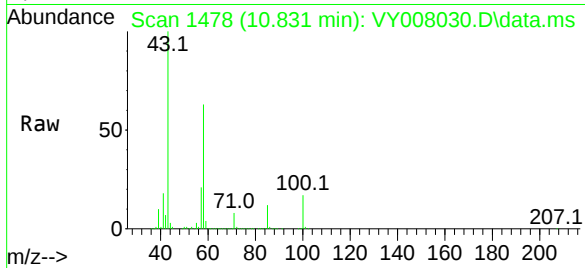




#59
2-Hexanone
Concen: 181.436 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

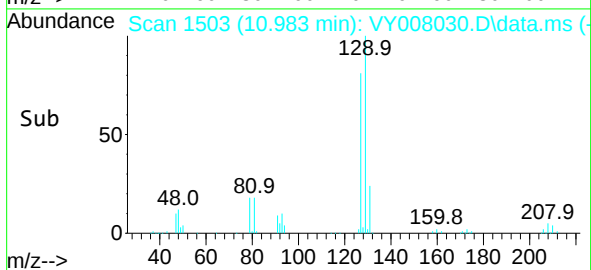
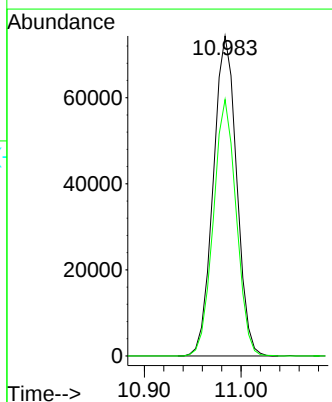
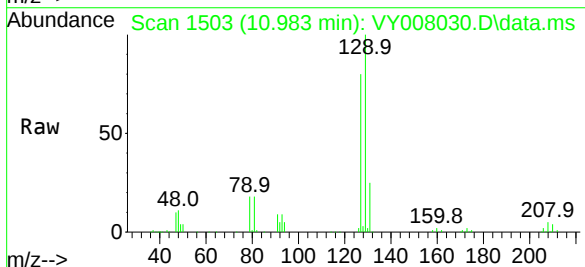
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

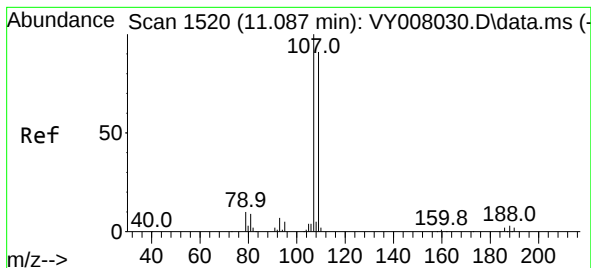
Tgt Ion: 43 Resp: 280785
Ion Ratio Lower Upper
43 100
58 62.8 24.4 73.4



#60
Dibromochloromethane
Concen: 46.839 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion: 129 Resp: 124765
Ion Ratio Lower Upper
129 100
127 78.5 38.7 116.1

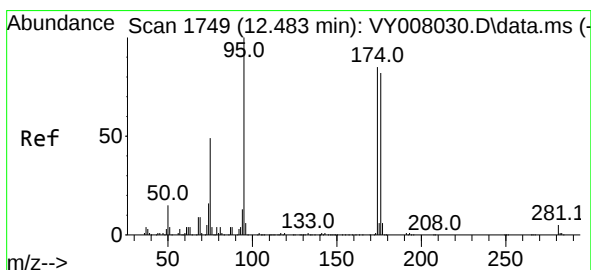
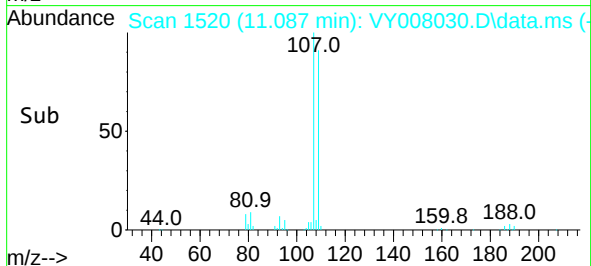
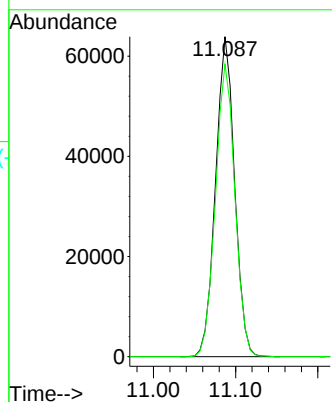
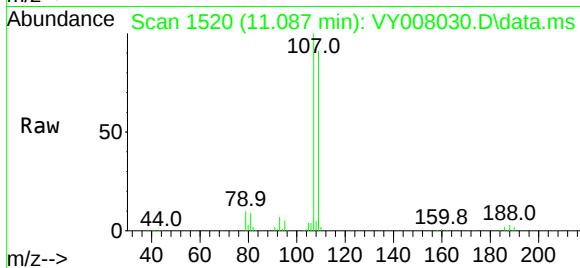




#61
1,2-Dibromoethane
Concen: 44.305 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

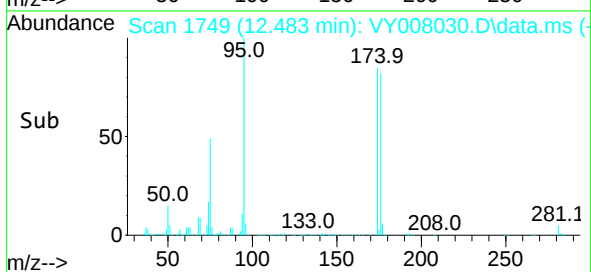
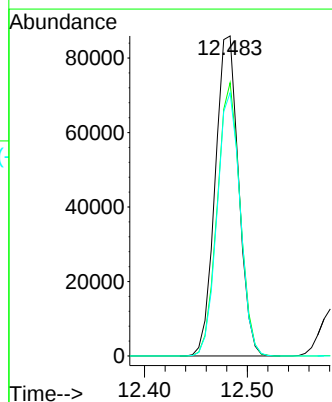
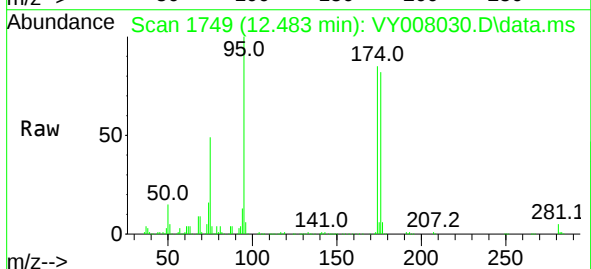
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

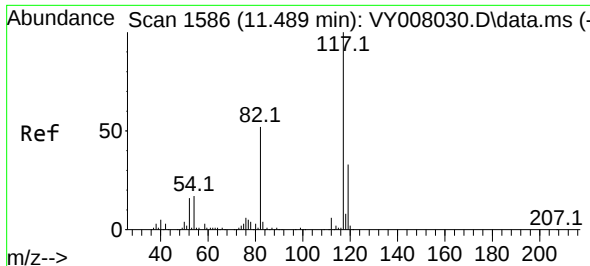
Tgt Ion:107 Resp: 102820
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.535 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion: 95 Resp: 135850
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 80.8 0.0 175.8

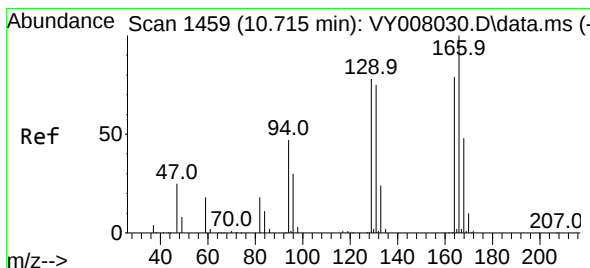
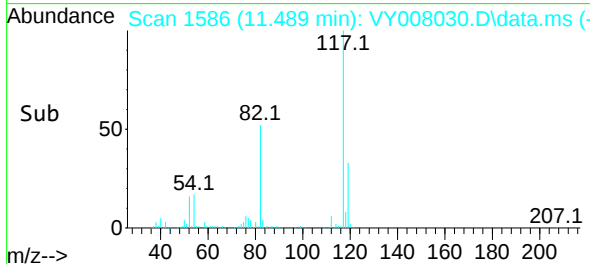
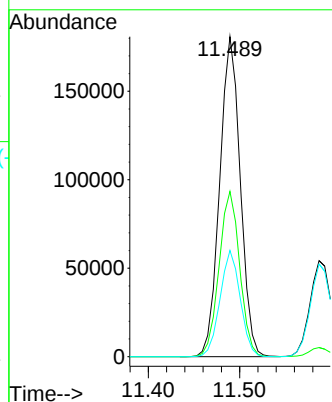
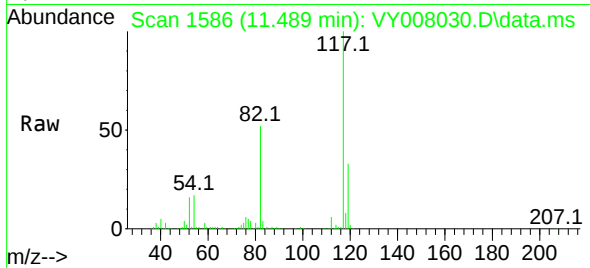




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

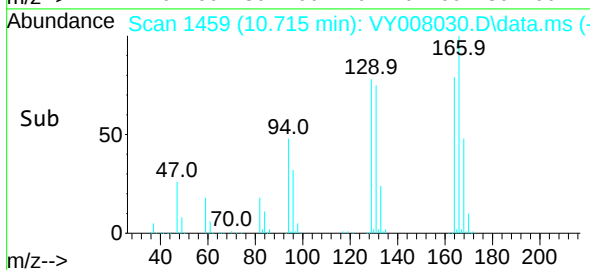
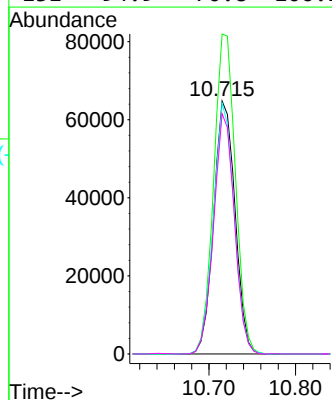
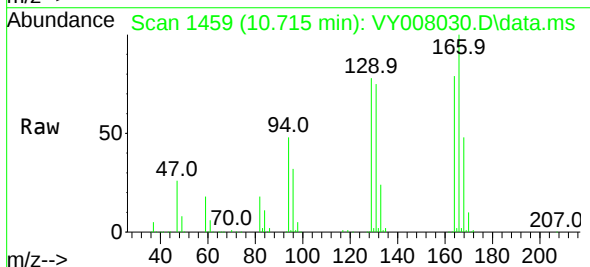
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

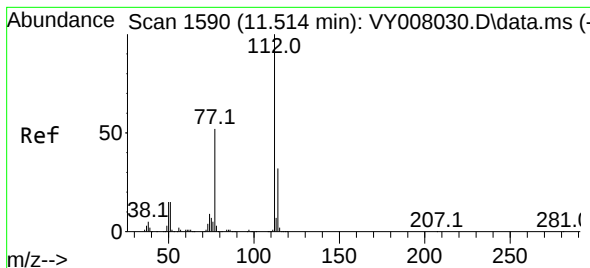
Tgt Ion:117 Resp: 283249
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 33.2 25.4 38.0



#64
Tetrachloroethene
Concen: 51.109 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion:164 Resp: 110984
Ion Ratio Lower Upper
164 100
166 126.5 100.4 150.6
129 99.1 71.4 107.0
131 94.9 70.8 106.2

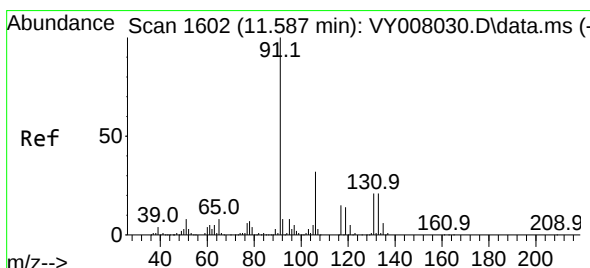
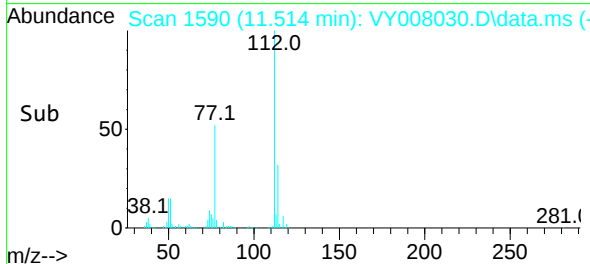
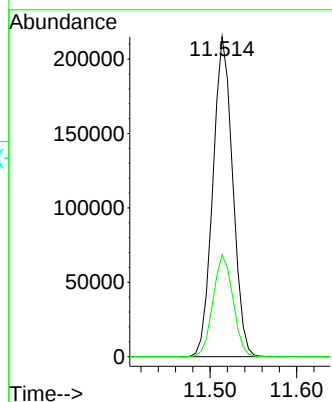
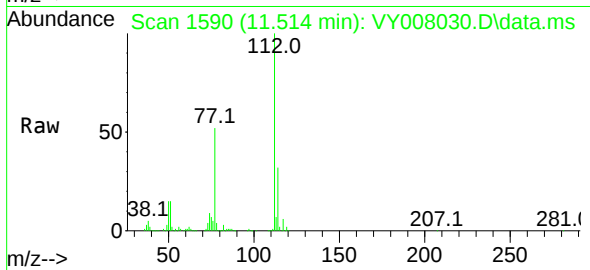




#65
Chlorobenzene
Concen: 49.006 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

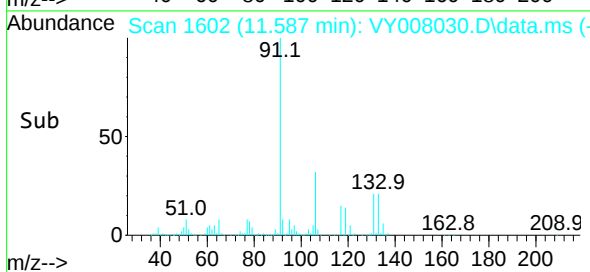
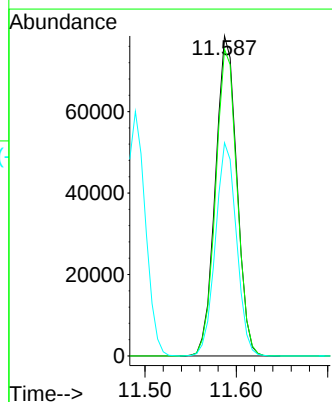
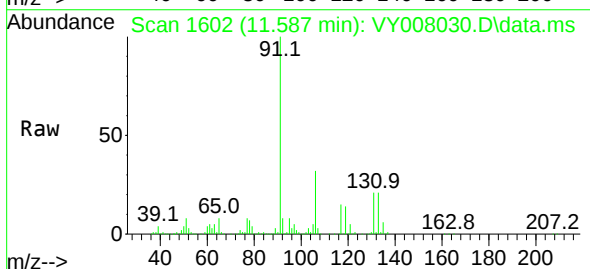
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

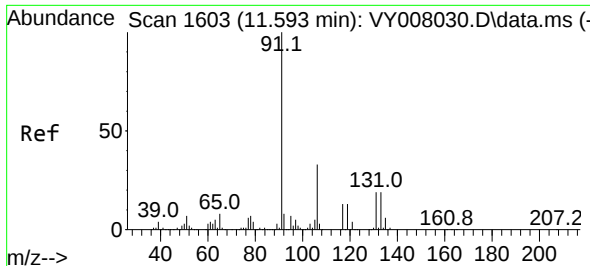
Tgt Ion:112 Resp: 341650
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.449 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion:131 Resp: 127750
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 65.6 30.8 92.3

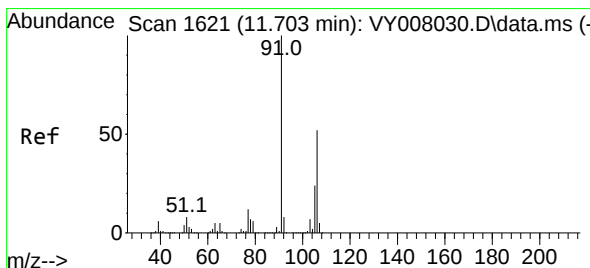
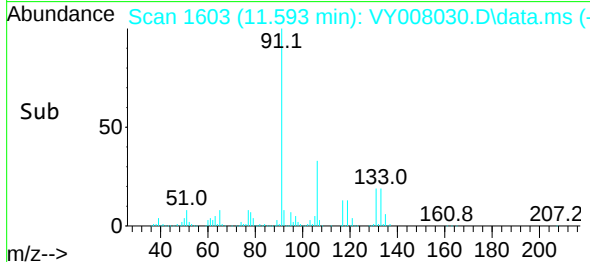
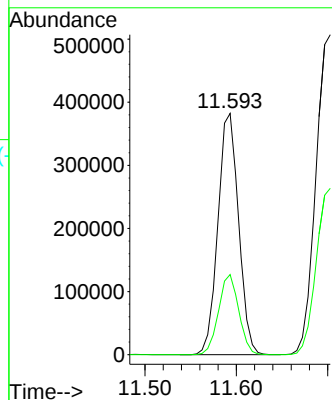
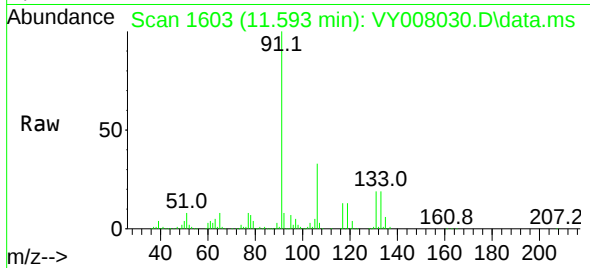




#67
Ethyl Benzene
Concen: 49.258 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

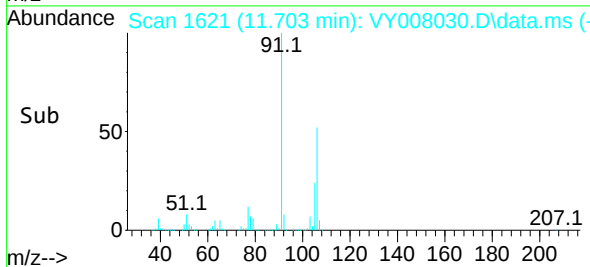
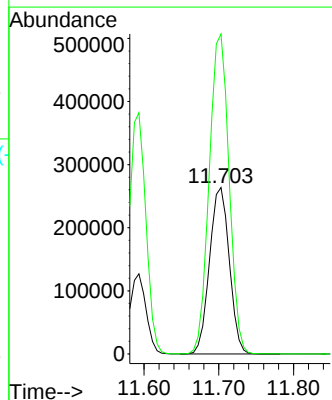
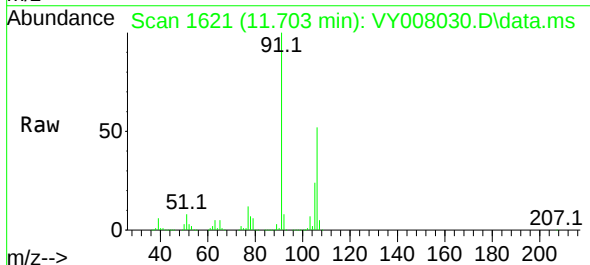
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

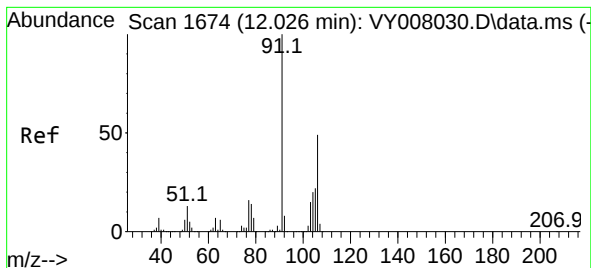
Tgt Ion: 91 Resp: 600894
Ion Ratio Lower Upper
91 100
106 33.2 24.5 36.7



#68
m/p-Xylenes
Concen: 101.772 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion:106 Resp: 484483
Ion Ratio Lower Upper
106 100
91 192.8 166.6 249.8





#69

o-Xylene

Concen: 50.675 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

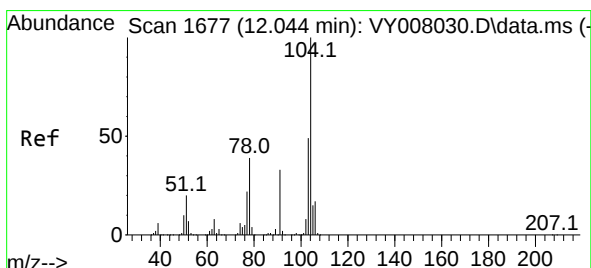
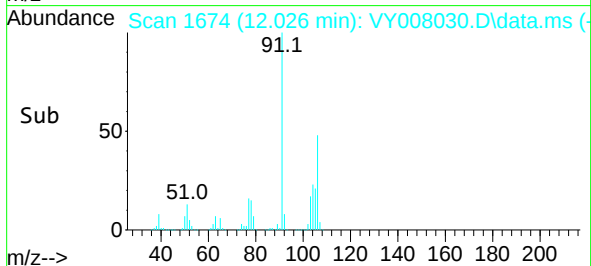
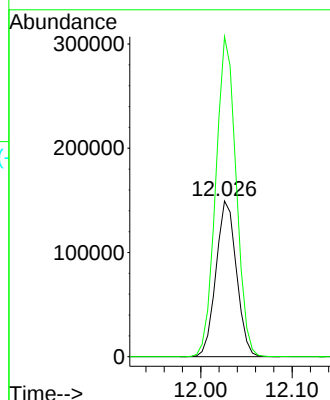
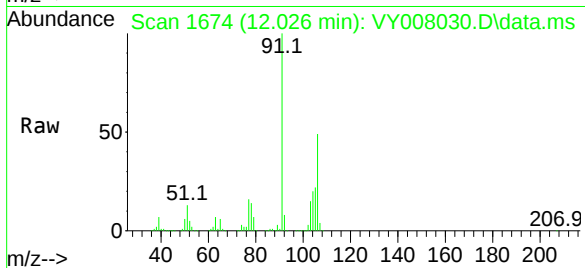
VSTDICCC050

Tgt Ion:106 Resp: 232400

Ion Ratio Lower Upper

106 100

91 204.5 110.3 331.0



#70

Styrene

Concen: 50.652 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

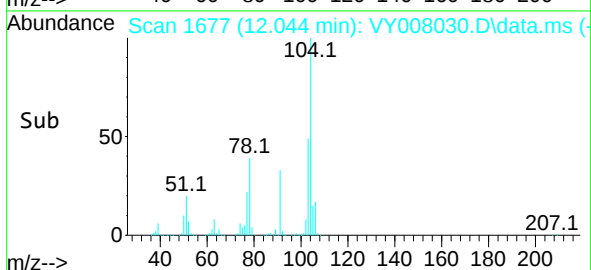
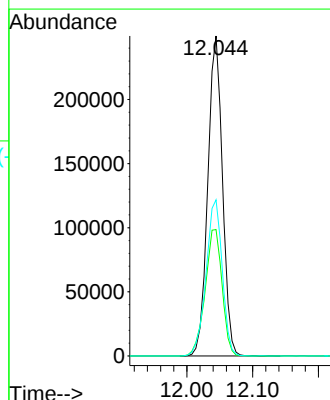
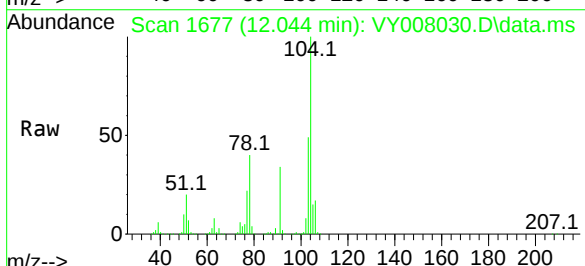
Tgt Ion:104 Resp: 387471

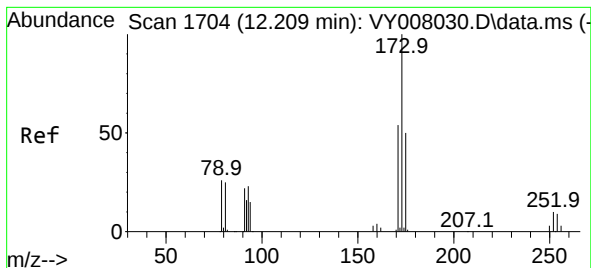
Ion Ratio Lower Upper

104 100

78 45.5 42.4 63.6

103 53.8 44.4 66.6





#71

Bromoform

Concen: 49.687 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

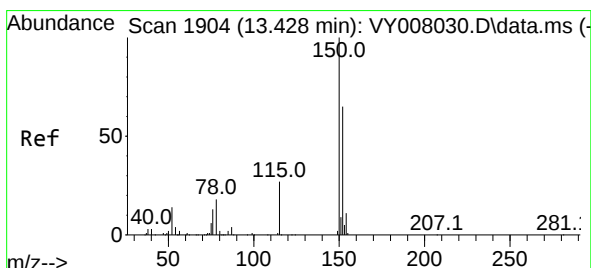
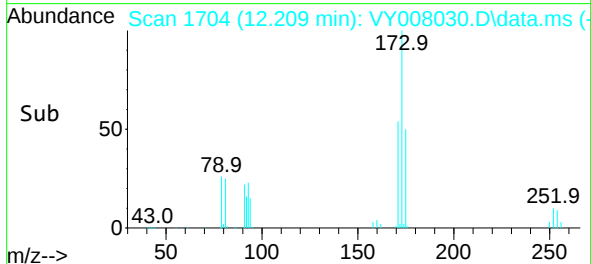
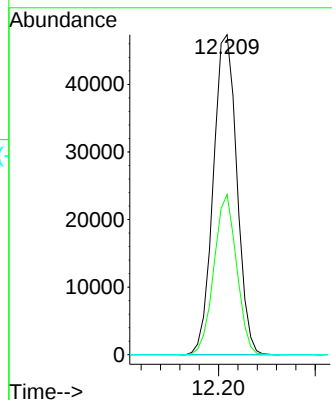
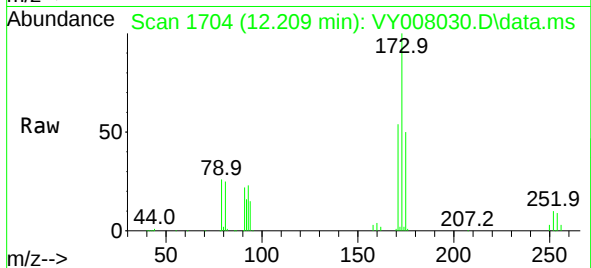
Tgt Ion:173 Resp: 80034

Ion Ratio Lower Upper

173 100

175 48.2 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

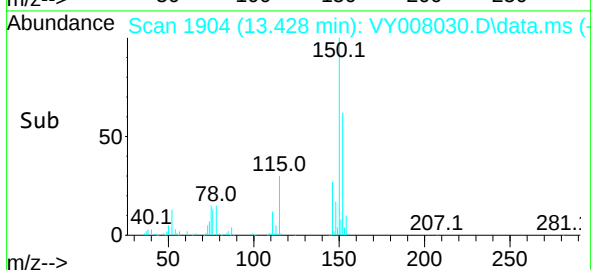
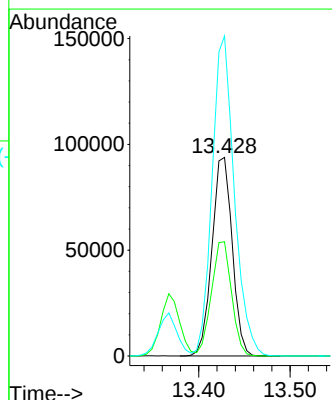
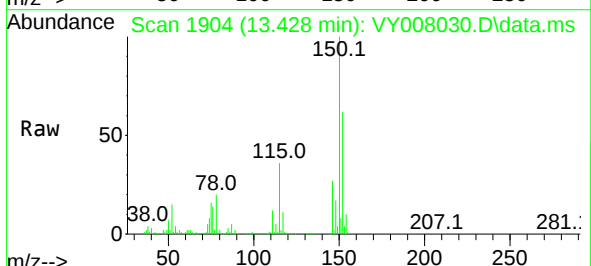
Tgt Ion:152 Resp: 144450

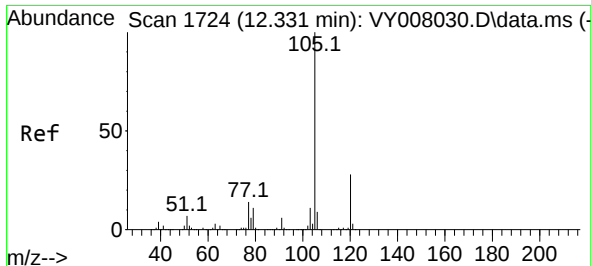
Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 176.5 0.0 347.6

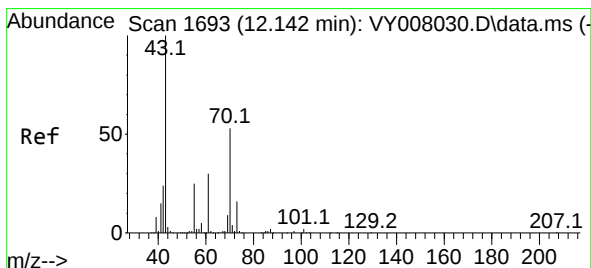
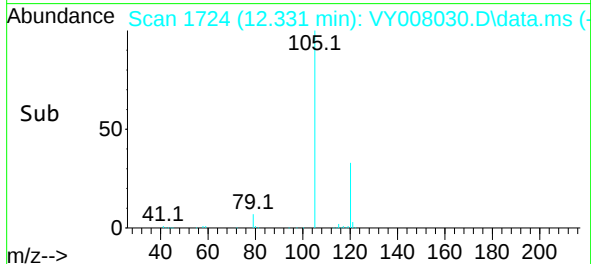
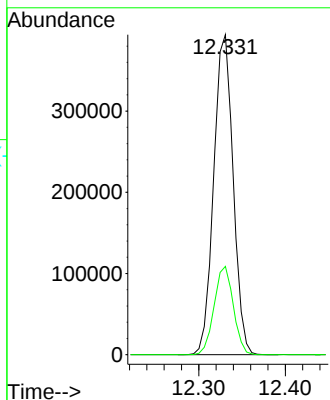
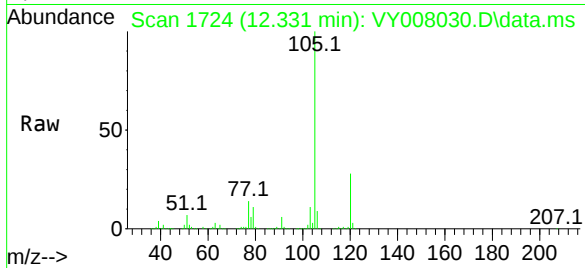




#73
Isopropylbenzene
Concen: 49.158 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

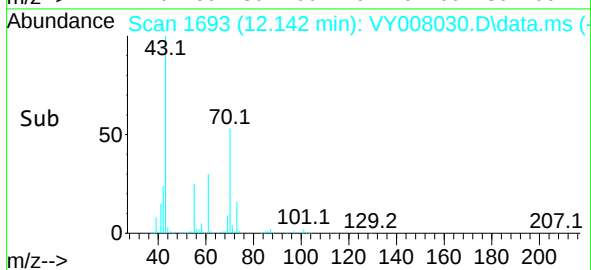
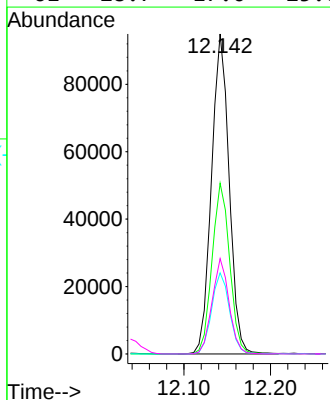
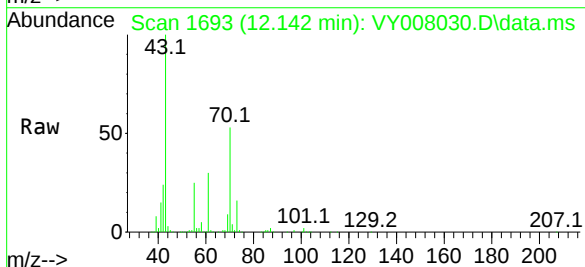
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

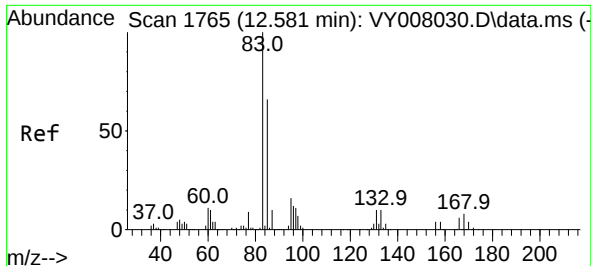
Tgt Ion:105 Resp: 613264
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 35.736 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion: 43 Resp: 134542
Ion Ratio Lower Upper
43 100
70 53.3 28.7 43.1#
55 25.8 17.3 25.9
61 28.7 17.0 25.6#

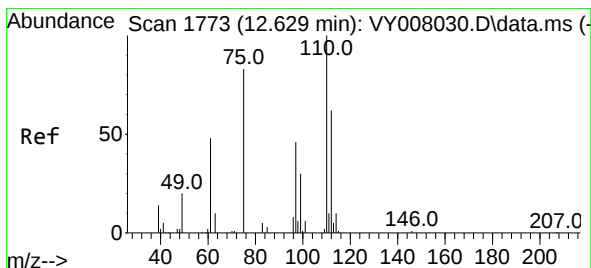
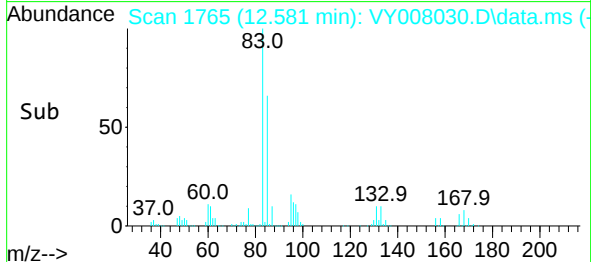
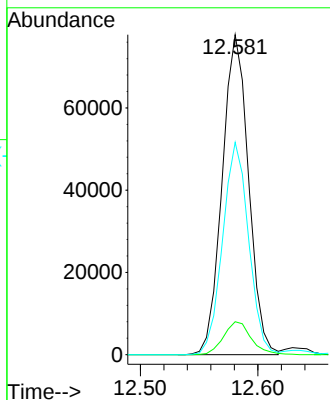
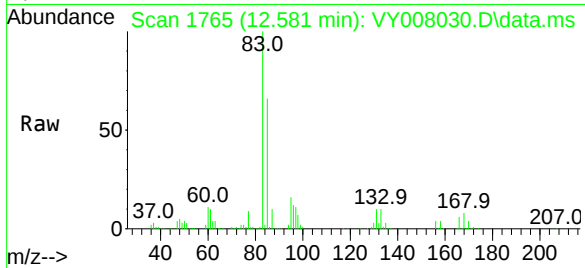




#75
1,1,2,2-Tetrachloroethane
Concen: 41.836 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

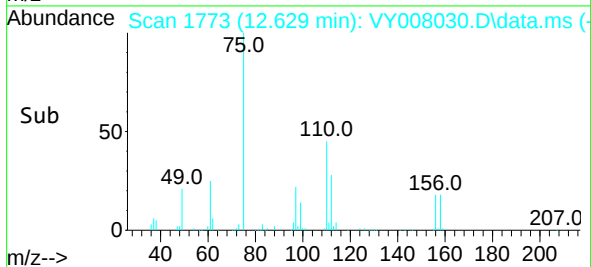
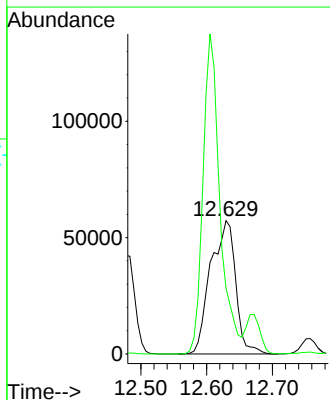
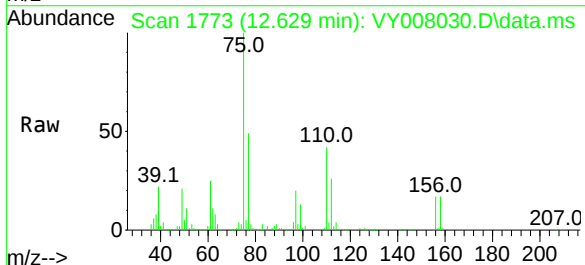
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

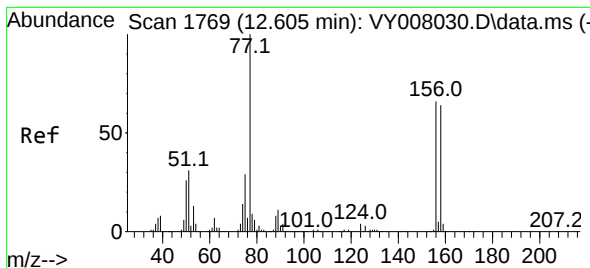
Tgt Ion: 83 Resp: 121400
Ion Ratio Lower Upper
83 100
131 10.9 5.6 16.8
85 65.4 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 43.541 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion: 75 Resp: 152011
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.308 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

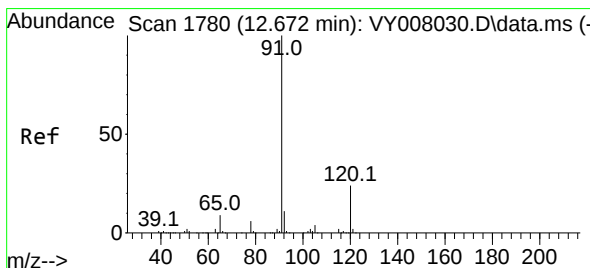
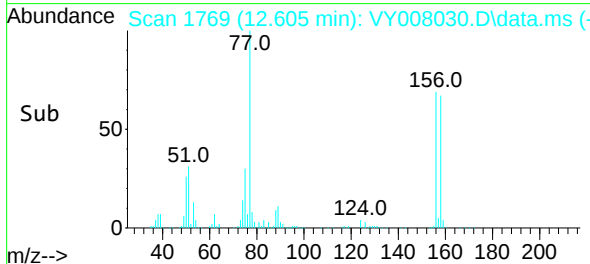
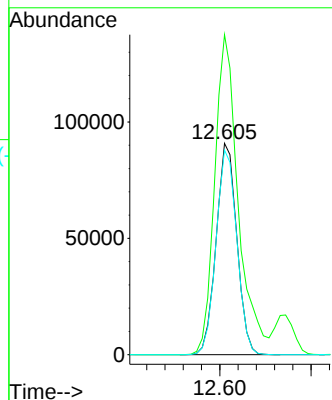
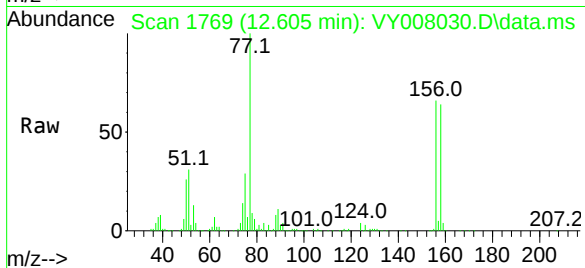
Tgt Ion:156 Resp: 142724

Ion Ratio Lower Upper

156 100

77 172.8 95.5 286.4

158 97.7 48.0 144.0



#78

n-propylbenzene

Concen: 47.551 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008030.D

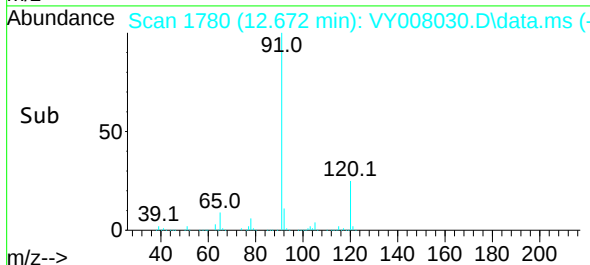
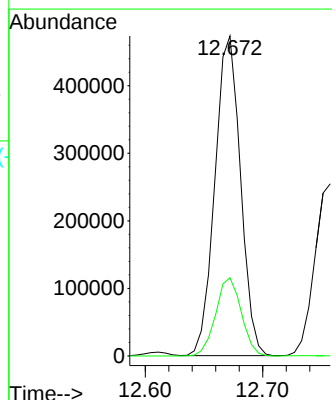
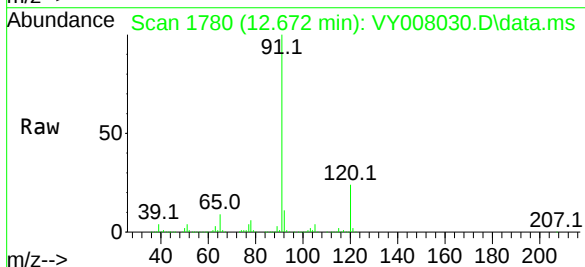
Acq: 25 Mar 2022 16:56

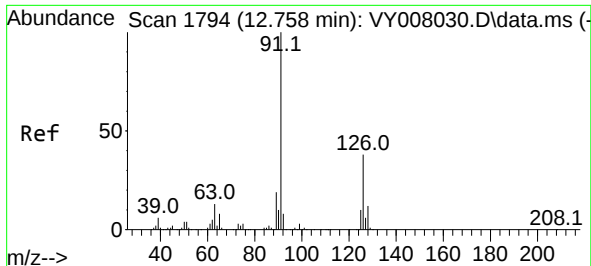
Tgt Ion: 91 Resp: 716533

Ion Ratio Lower Upper

91 100

120 24.4 11.3 33.9

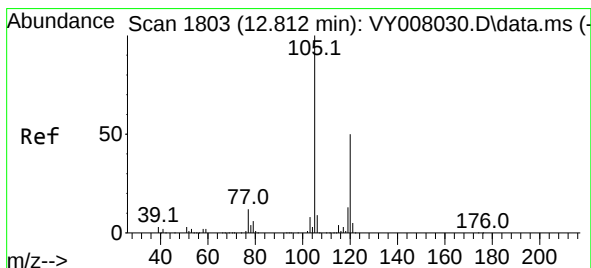
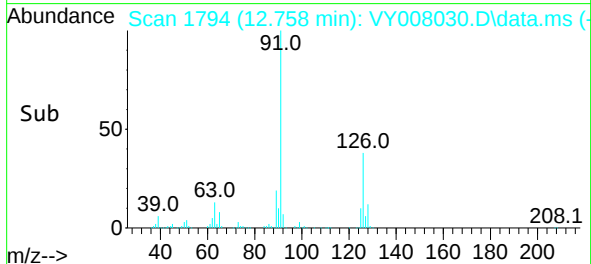
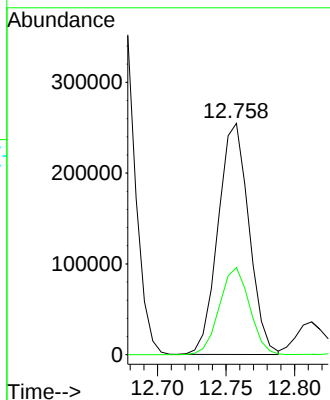
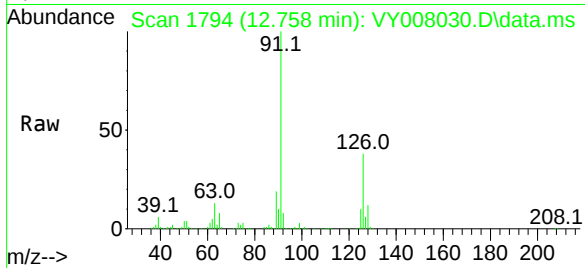




#79
2-Chlorotoluene
Concen: 46.414 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

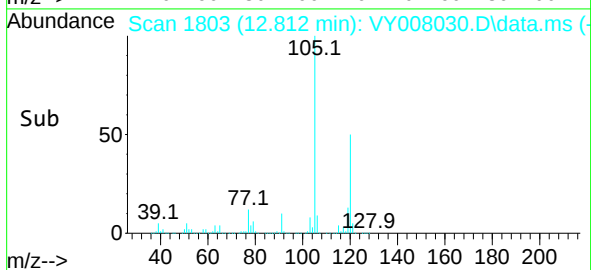
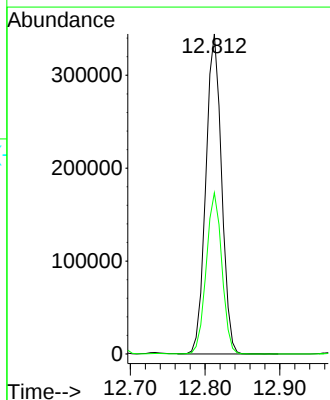
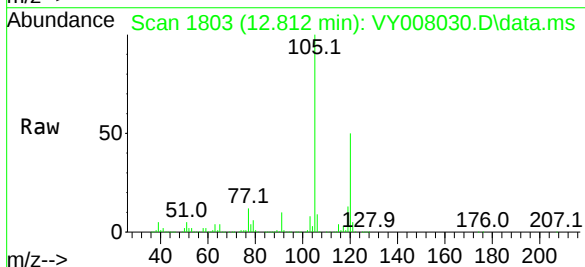
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

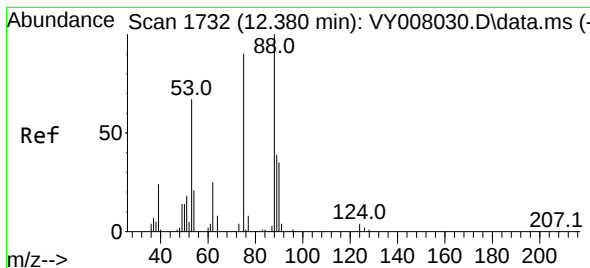
Tgt Ion: 91 Resp: 399503
Ion Ratio Lower Upper
91 100
126 36.8 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 48.812 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion: 105 Resp: 503445
Ion Ratio Lower Upper
105 100
120 49.9 24.4 73.4

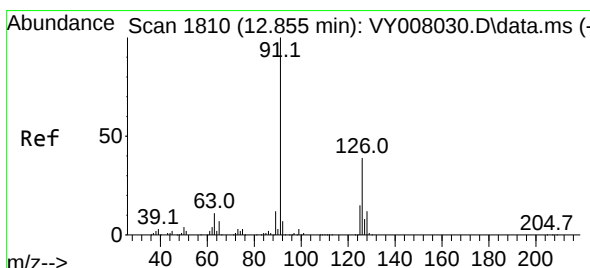
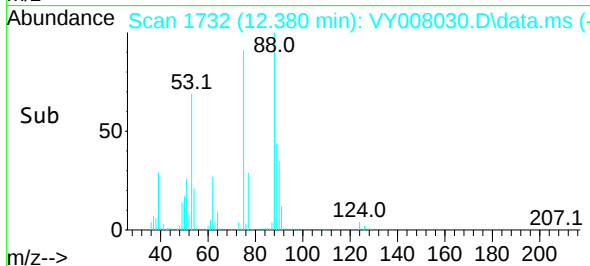
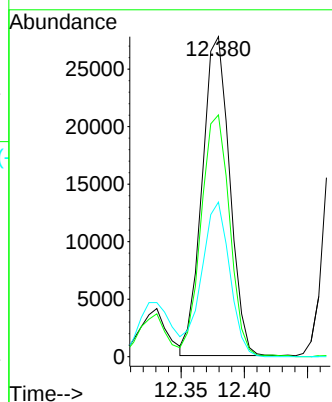
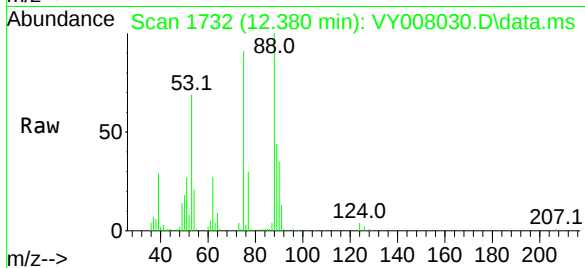




#81
trans-1,4-Dichloro-2-butene
Concen: 41.939 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

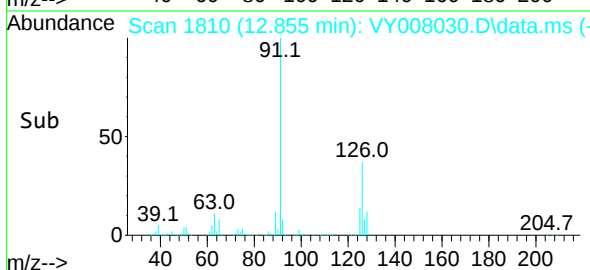
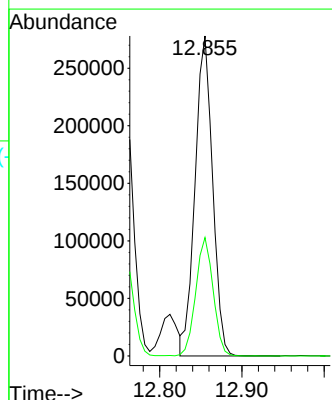
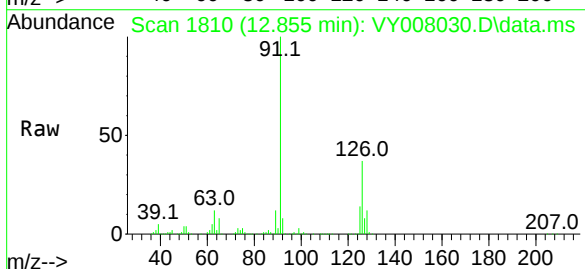
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

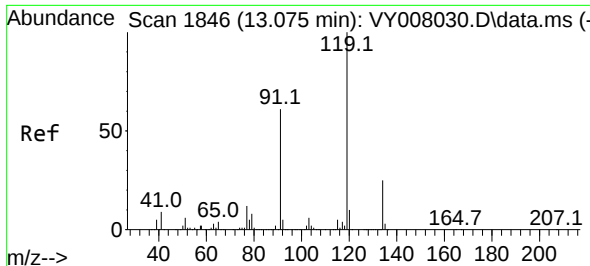
Tgt Ion: 75 Resp: 42037
Ion Ratio Lower Upper
75 100
53 78.6 85.3 127.9#
89 49.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 46.211 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008030.D
Acq: 25 Mar 2022 16:56

Tgt Ion: 91 Resp: 410433
Ion Ratio Lower Upper
91 100
126 36.9 17.0 51.0

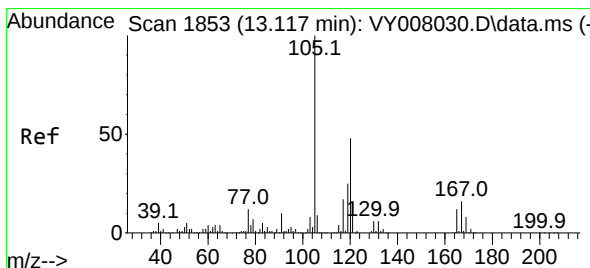
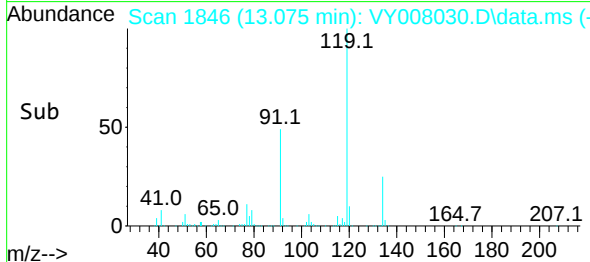
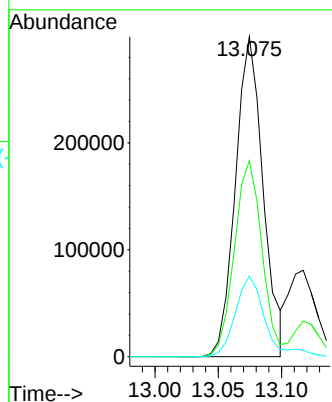
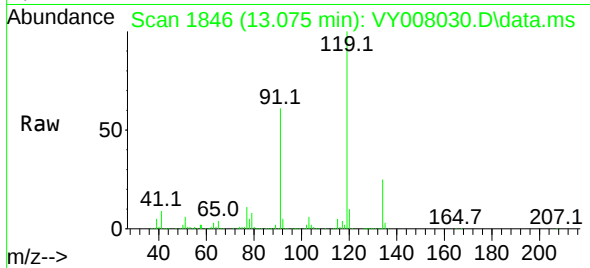




#83
 tert-Butylbenzene
 Concen: 51.070 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: VY008030.D
 Acq: 25 Mar 2022 16:56

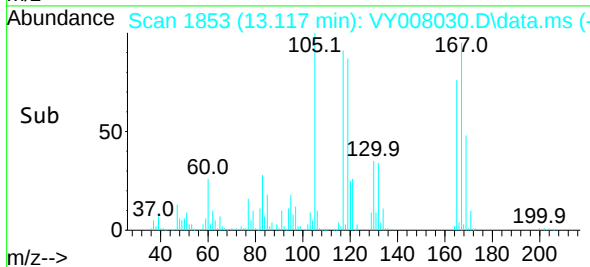
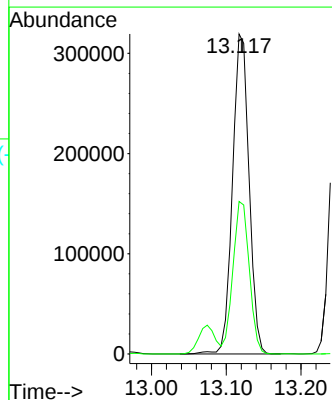
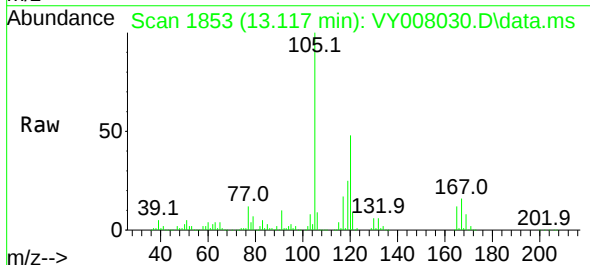
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

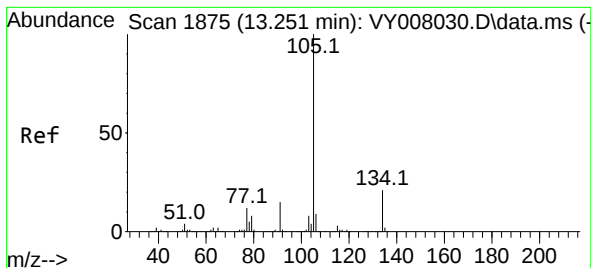
Tgt Ion:119 Resp: 455589
 Ion Ratio Lower Upper
 119 100
 91 60.8 34.8 104.4
 134 27.0 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 47.995 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY008030.D
 Acq: 25 Mar 2022 16:56

Tgt Ion:105 Resp: 489213
 Ion Ratio Lower Upper
 105 100
 120 47.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 49.189 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

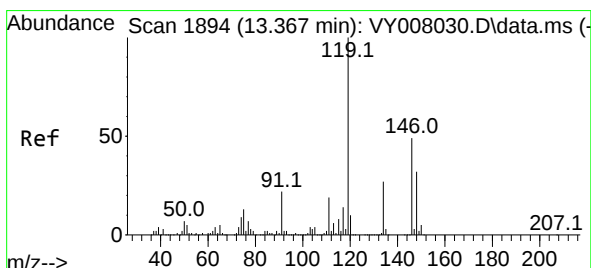
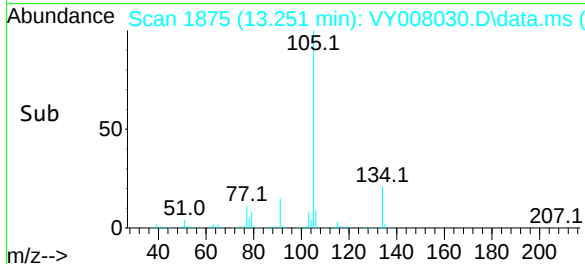
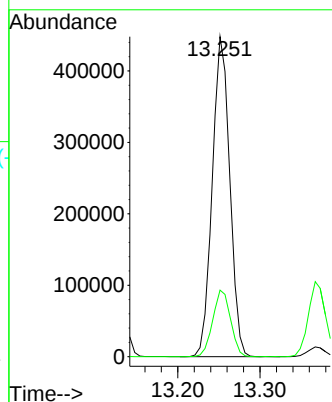
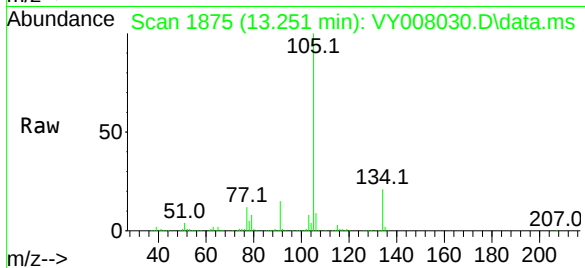
VSTDICCC050

Tgt Ion:105 Resp: 661587

Ion Ratio Lower Upper

105 100

134 21.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 50.837 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

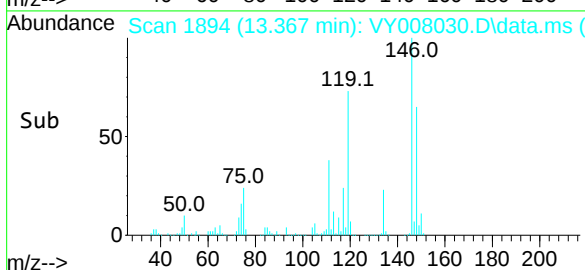
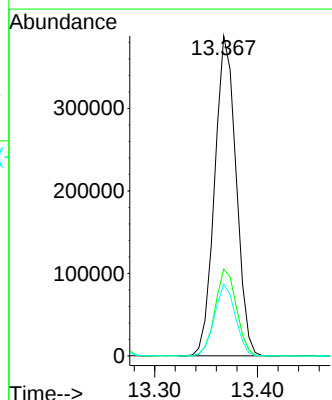
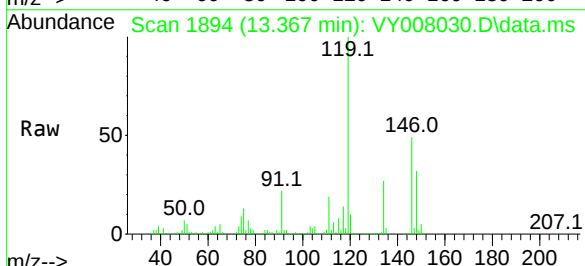
Tgt Ion:119 Resp: 559676

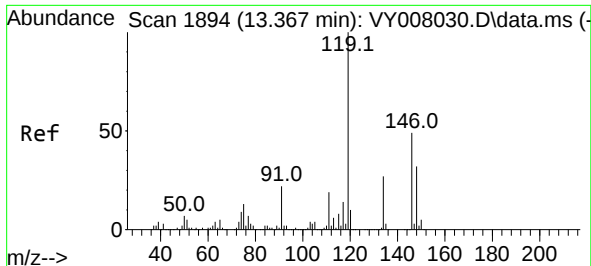
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 21.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.532 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

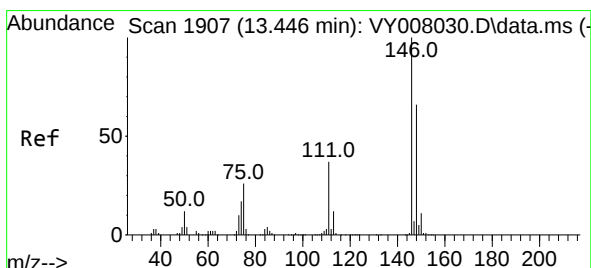
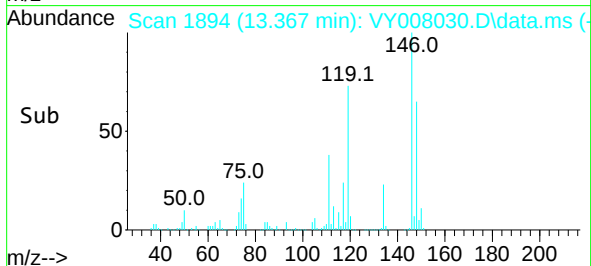
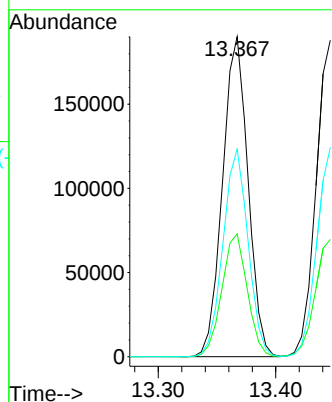
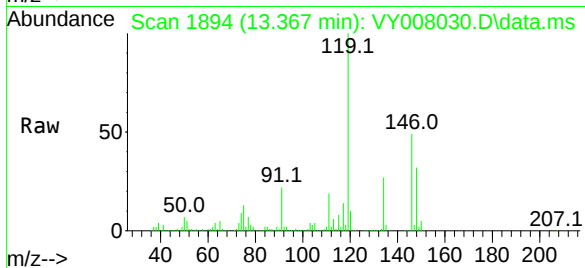
Tgt Ion:146 Resp: 285811

Ion Ratio Lower Upper

146 100

111 38.3 19.5 58.5

148 64.1 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 48.889 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

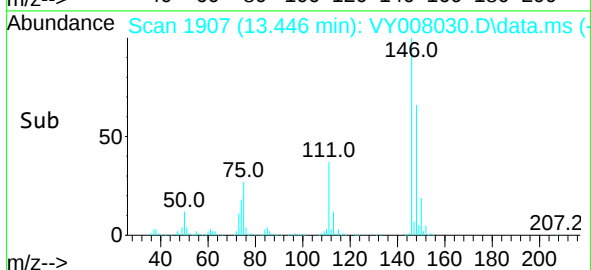
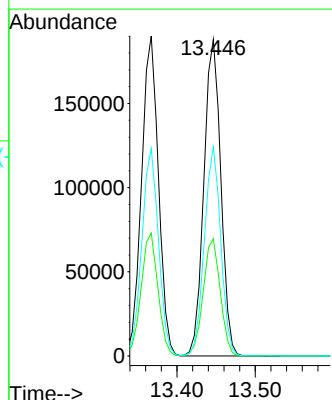
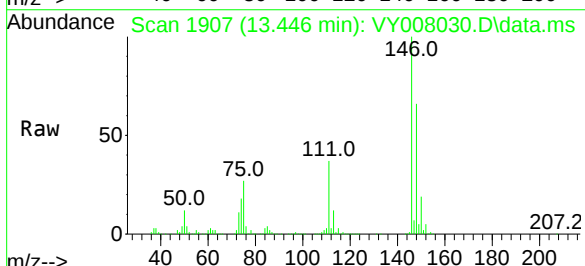
Tgt Ion:146 Resp: 282617

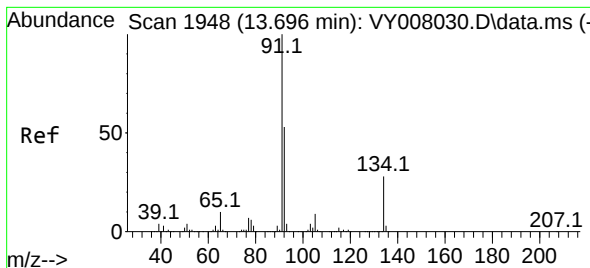
Ion Ratio Lower Upper

146 100

111 37.2 19.3 57.8

148 64.0 32.6 97.8





#89

n-Butylbenzene

Concen: 47.757 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

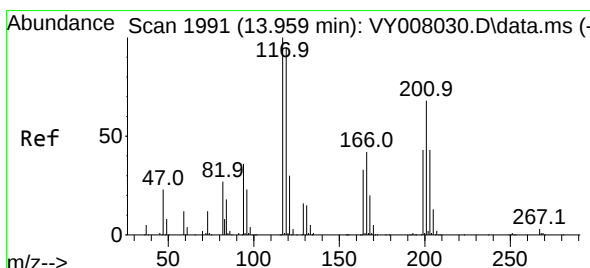
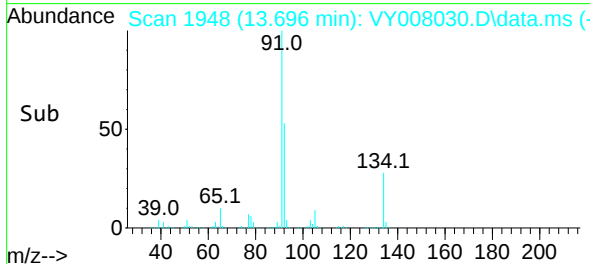
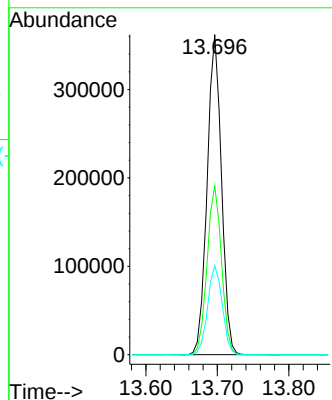
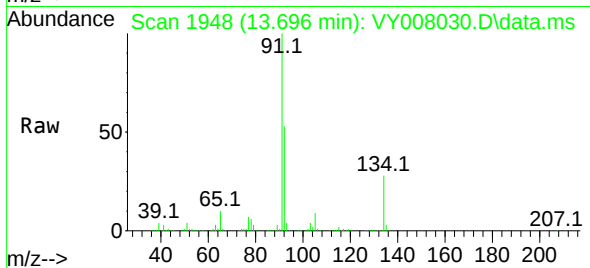
Tgt Ion: 91 Resp: 502964

Ion Ratio Lower Upper

91 100

92 53.3 26.3 78.9

134 28.3 13.0 38.9



#90

Hexachloroethane

Concen: 50.457 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY008030.D

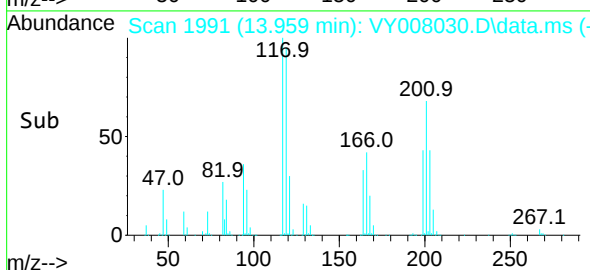
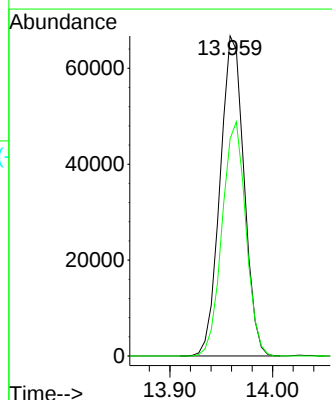
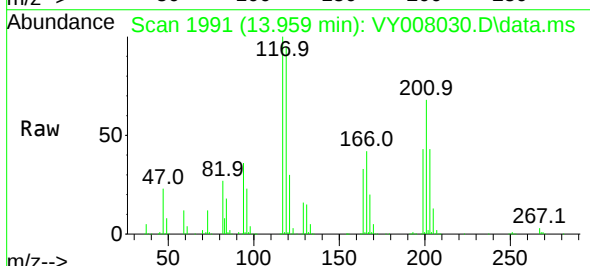
Acq: 25 Mar 2022 16:56

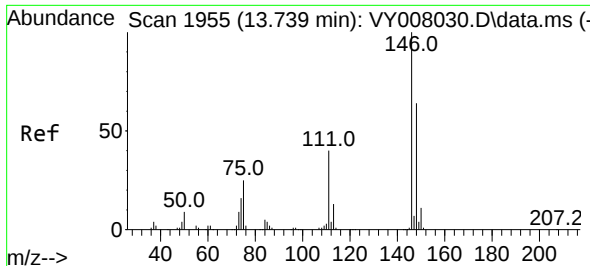
Tgt Ion: 117 Resp: 107964

Ion Ratio Lower Upper

117 100

201 72.5 43.0 128.8

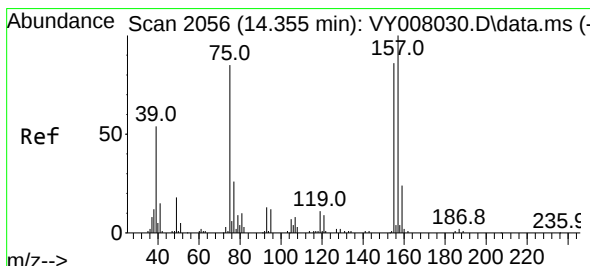
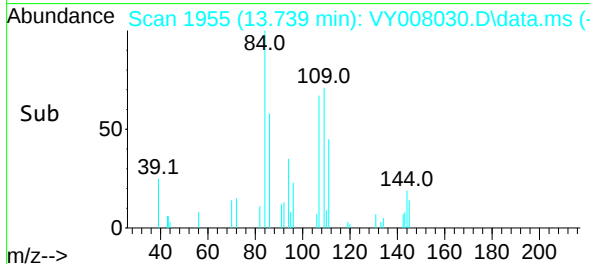
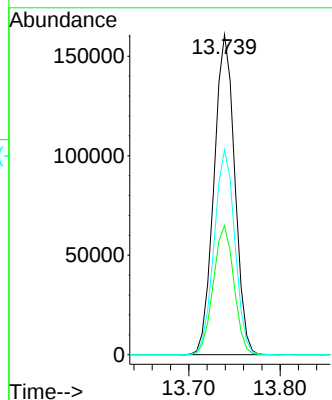
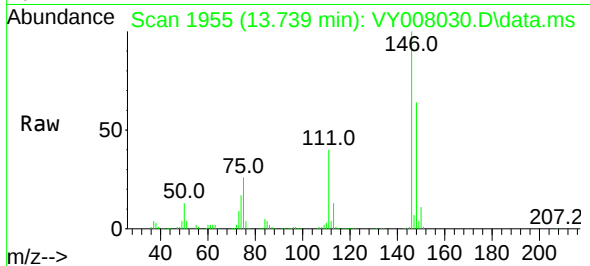




#91
 1,2-Dichlorobenzene
 Concen: 48.564 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY008030.D
 Acq: 25 Mar 2022 16:56

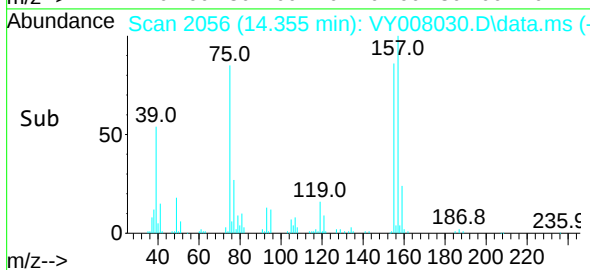
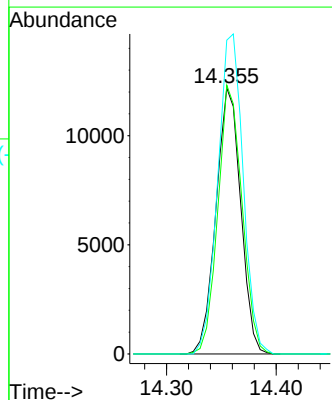
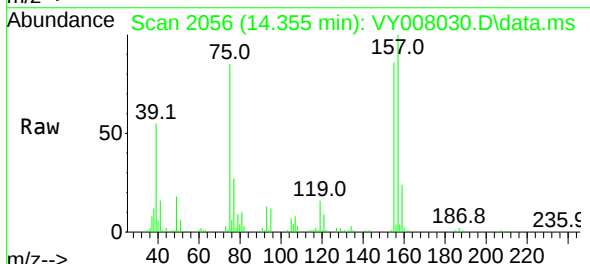
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

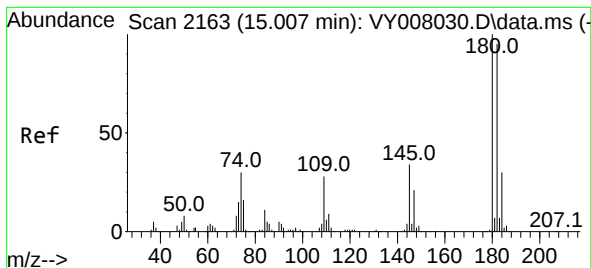
Tgt Ion:146 Resp: 253592
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.3 60.9
 148 64.0 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.326 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY008030.D
 Acq: 25 Mar 2022 16:56

Tgt Ion: 75 Resp: 19074
 Ion Ratio Lower Upper
 75 100
 155 98.6 38.0 113.9
 157 123.5 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 47.097 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

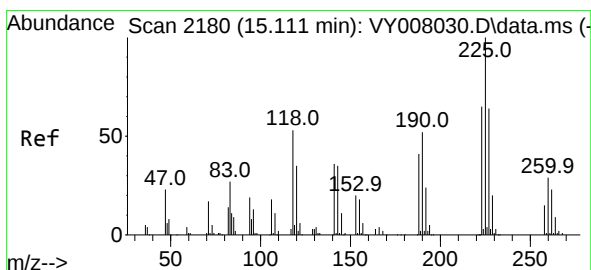
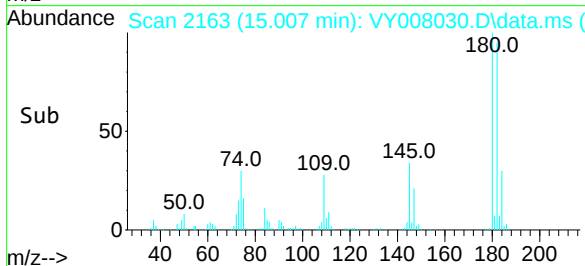
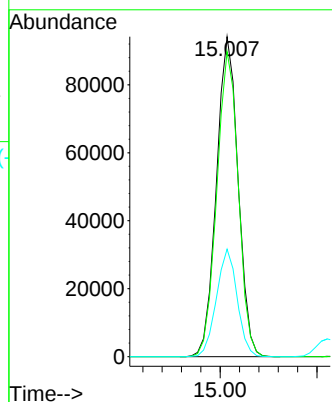
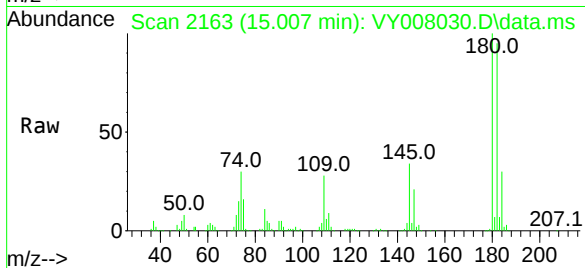
Tgt Ion:180 Resp: 146051

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.9

145 32.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 49.718 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

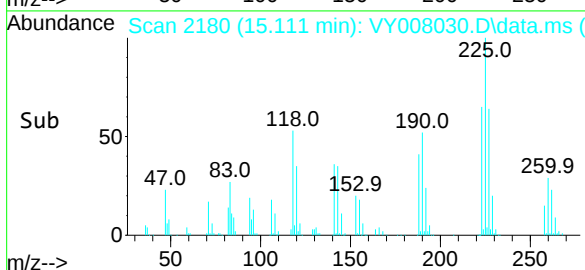
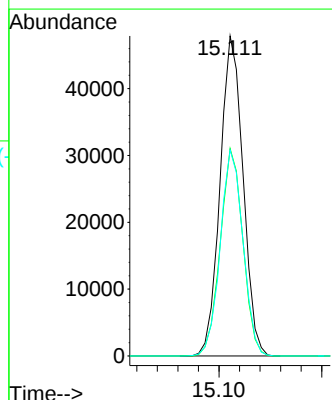
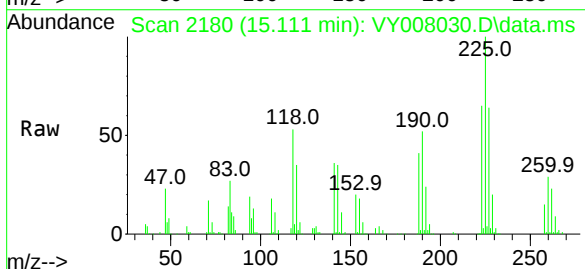
Tgt Ion:225 Resp: 74155

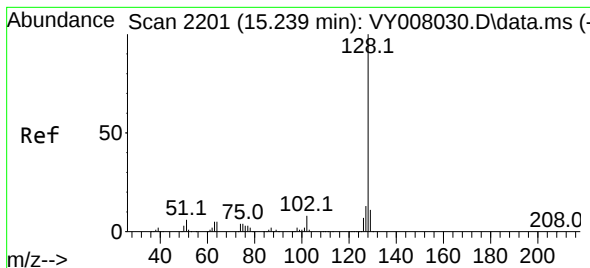
Ion Ratio Lower Upper

225 100

223 63.7 30.8 92.3

227 63.8 31.6 94.7





#95

Naphthalene

Concen: 43.867 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

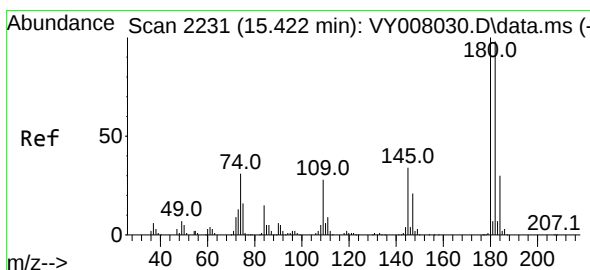
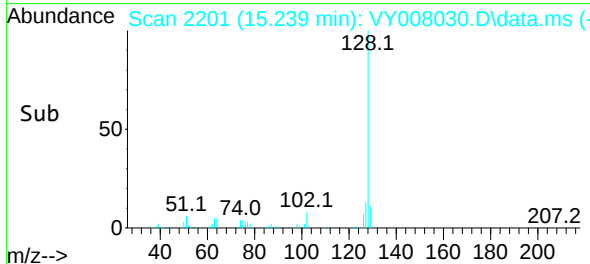
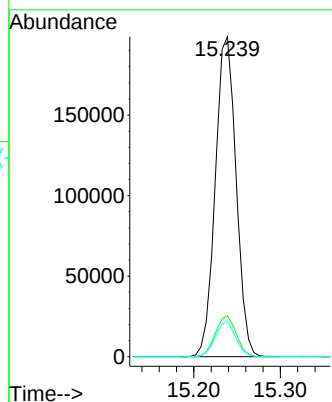
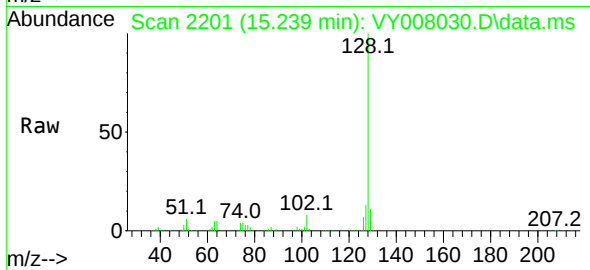
Tgt Ion:128 Resp: 331285

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 46.485 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY008030.D

Acq: 25 Mar 2022 16:56

Tgt Ion:180 Resp: 126342

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.9

145 34.0 15.3 45.9

