

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008964.D
 Acq On : 21 May 2022 20:52
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 21 21:33:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	117593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	201768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	205031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136031	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	54586	45.103	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.200%
35) Dibromofluoromethane	7.710	113	57310	45.677	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.360%
50) Toluene-d8	10.173	98	193049	41.707	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.420%
62) 4-Bromofluorobenzene	12.477	95	99846	53.475	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	51738	48.105	ug/l	96
3) Chloromethane	2.107	50	93078	60.408	ug/l	95
4) Vinyl Chloride	2.241	62	136281	59.699	ug/l	99
5) Bromomethane	2.638	94	112852	50.432	ug/l	93
6) Chloroethane	2.784	64	93473	57.798	ug/l	99
7) Trichlorofluoromethane	3.119	101	94572	48.784	ug/l	98
8) Diethyl Ether	3.522	74	30767	50.756	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	58261	48.899	ug/l	93
10) Methyl Iodide	4.082	142	62181	50.541	ug/l	93
11) Tert butyl alcohol	4.948	59	29585	241.002	ug/l #	93
12) 1,1-Dichloroethene	3.857	96	53553	48.418	ug/l	84
13) Acrolein	3.723	56	6058	149.925	ug/l	89
14) Allyl chloride	4.473	41	82224	49.329	ug/l #	87
15) Acrylonitrile	5.155	53	86138	253.793	ug/l	99
16) Acetone	3.942	43	61434	243.862	ug/l #	89
17) Carbon Disulfide	4.186	76	179300	49.620	ug/l	100
18) Methyl Acetate	4.473	43	40521	51.653	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	164927	49.680	ug/l	100
20) Methylene Chloride	4.704	84	66562	46.774	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	67997	47.897	ug/l	84
22) Diisopropyl ether	6.112	45	204918	51.171	ug/l	97
23) Vinyl Acetate	6.052	43	693006	261.617	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	119183	49.759	ug/l	97
25) 2-Butanone	6.978	43	116574	259.077	ug/l	91
26) 2,2-Dichloropropane	6.978	77	92741	42.033	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	78640	49.139	ug/l	87
28) Bromochloromethane	7.326	49	42689	51.926	ug/l #	91
29) Tetrahydrofuran	7.338	42	81312	266.031	ug/l #	87
30) Chloroform	7.502	83	128311	49.627	ug/l	96
31) Cyclohexane	7.777	56	109560	46.274	ug/l	89
32) 1,1,1-Trichloroethane	7.698	97	113638	48.446	ug/l	98
36) 1,1-Dichloropropene	7.911	75	102554	48.030	ug/l	99
37) Ethyl Acetate	7.064	43	54307	49.031	ug/l	97
38) Carbon Tetrachloride	7.893	117	102498	45.888	ug/l	98
39) Methylcyclohexane	9.179	83	128498	46.623	ug/l	89
40) Benzene	8.155	78	299812	48.693	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	75524	132.138	ug/l #	42
42) 1,2-Dichloroethane	8.234	62	89791	49.663	ug/l	93
43) Isopropyl Acetate	8.271	43	106236	51.584	ug/l #	93
44) Trichloroethene	8.935	130	75724	46.448	ug/l	94
45) 1,2-Dichloropropane	9.210	63	74070	50.101	ug/l	96
46) Dibromomethane	9.301	93	46442	49.403	ug/l	92
47) Bromodichloromethane	9.496	83	104214	48.507	ug/l	99
48) Methyl methacrylate	9.289	41	48658	52.911	ug/l #	86
49) 1,4-Dioxane	9.295	88	12650	1006.639	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	301934	264.905	ug/l	92
52) Toluene	10.240	92	214764	49.912	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	110916	48.616	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	116741	47.598	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	63617	48.371	ug/l	98
56) Ethyl methacrylate	10.508	69	87970	52.317	ug/l	86
57) 1,3-Dichloropropane	10.788	76	106928	49.840	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	189832	260.953	ug/l	96
59) 2-Hexanone	10.825	43	213616	273.734	ug/l	90
60) Dibromochloromethane	10.984	129	79317	49.751	ug/l	100
61) 1,2-Dibromoethane	11.087	107	65800	50.488	ug/l	98
64) Tetrachloroethene	10.715	164	68976	46.220	ug/l	98
65) Chlorobenzene	11.514	112	225425	47.902	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	83653	48.547	ug/l	98
67) Ethyl Benzene	11.587	91	413750	48.787	ug/l	95
68) m/p-Xylenes	11.703	106	331020	96.149	ug/l	91
69) o-Xylene	12.026	106	163911	51.270	ug/l	91
70) Styrene	12.038	104	289083	52.580	ug/l	94
71) Bromoform	12.203	173	58381	51.109	ug/l #	99
73) Isopropylbenzene	12.325	105	437414	43.003	ug/l	100
74) N-amyl acetate	12.142	43	113848	48.512	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	92100	43.955	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	114766	78.563	ug/l #	100
77) Bromobenzene	12.605	156	99958	42.393	ug/l	95
78) n-propylbenzene	12.666	91	556586	47.362	ug/l	99
79) 2-Chlorotoluene	12.752	91	279505	41.233	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	392524	46.040	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	29497	41.445	ug/l	85
82) 4-Chlorotoluene	12.849	91	340612	46.979	ug/l	97
83) tert-Butylbenzene	13.075	119	345390	45.663	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	404872	47.838	ug/l	98
85) sec-Butylbenzene	13.251	105	544146	47.020	ug/l	100
86) p-Isopropyltoluene	13.367	119	461637	47.835	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	234701	46.663	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	235249	46.554	ug/l	98
89) n-Butylbenzene	13.697	91	421529	47.745	ug/l	100
90) Hexachloroethane	13.959	117	81610	45.126	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	210605	47.435	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13895	42.714	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	105068	43.119	ug/l	98
94) Hexachlorobutadiene	15.111	225	56822	42.785	ug/l	98
95) Naphthalene	15.233	128	228829	46.747	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	93322	44.073	ug/l	100

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QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

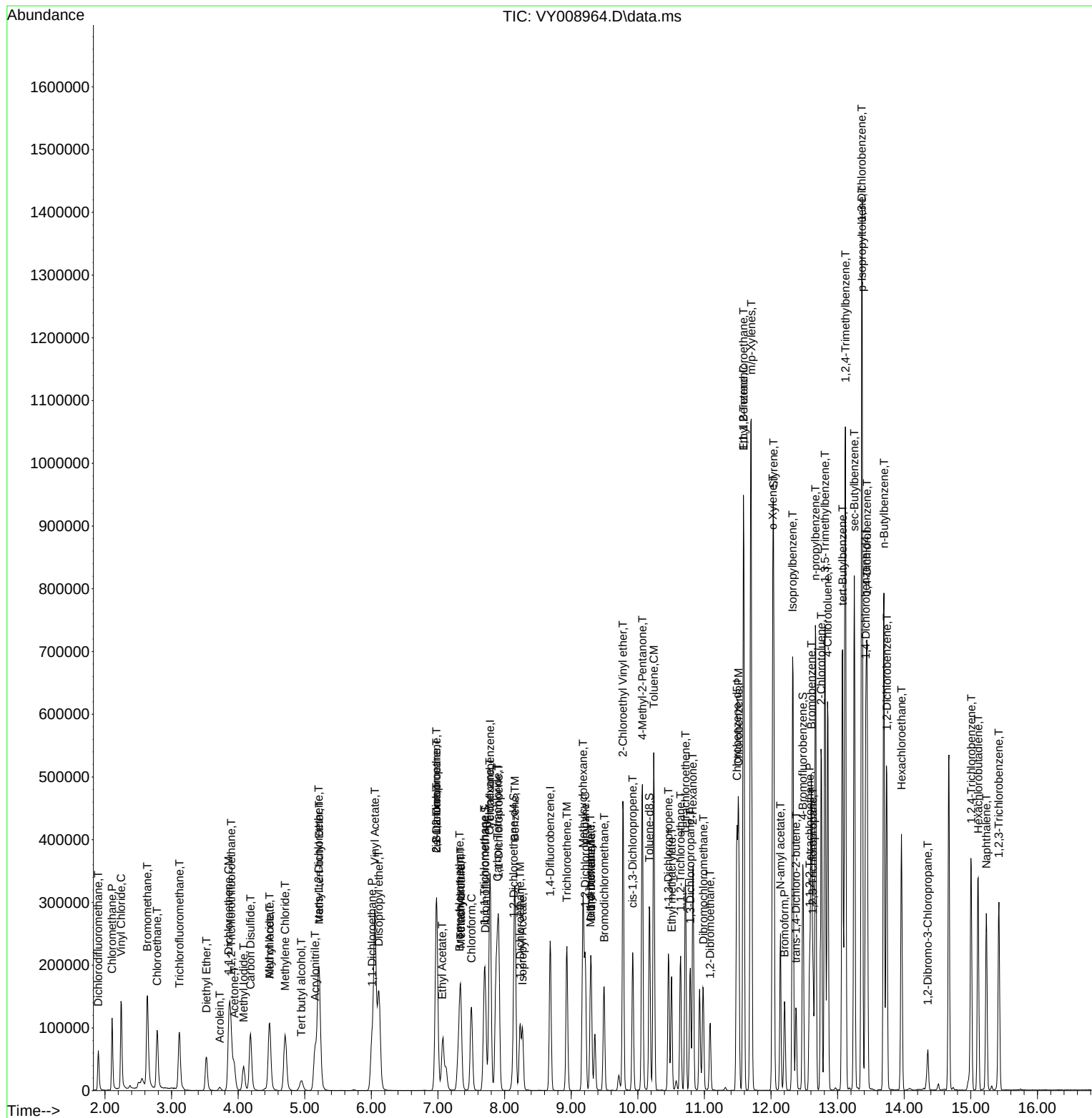
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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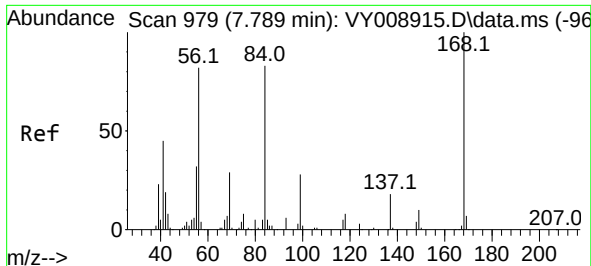
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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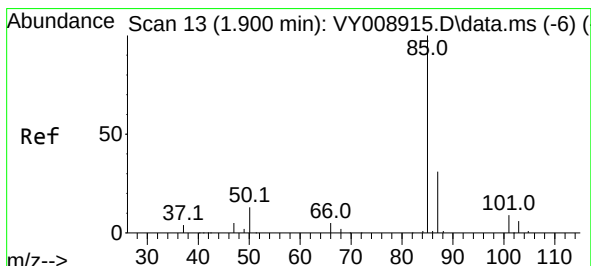
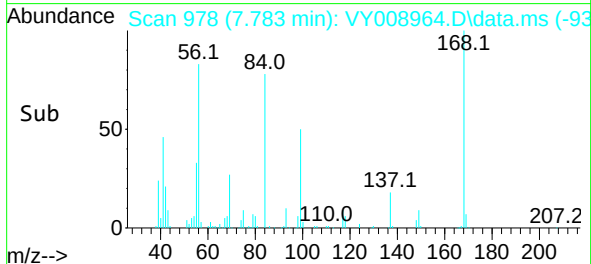
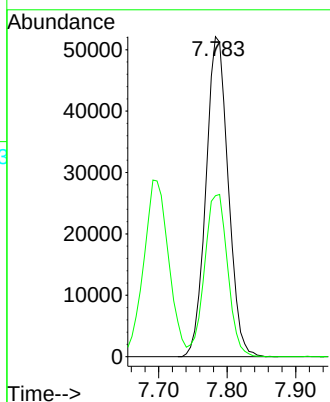
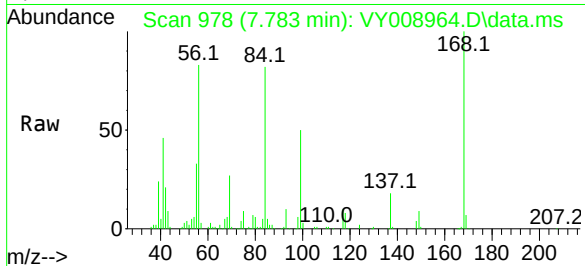




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008964.D
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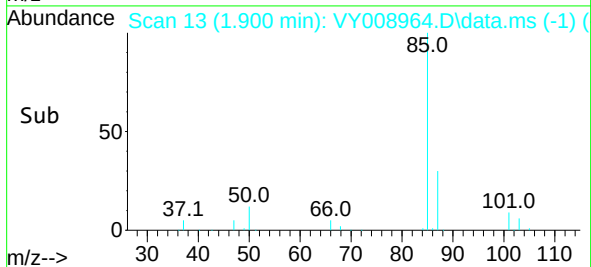
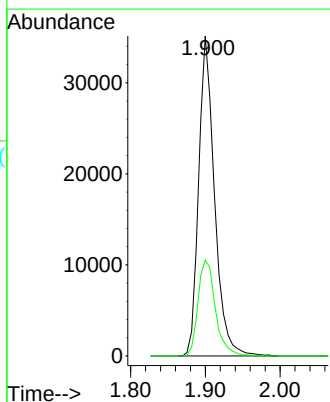
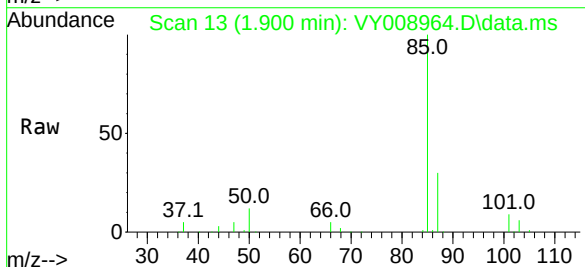
Instrument :
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VSTDCCC050EC

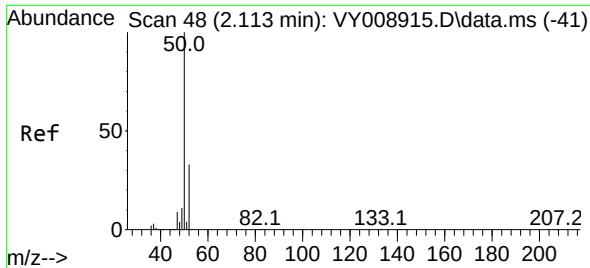
Tgt Ion:168 Resp: 117593
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 48.105 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion: 85 Resp: 51738
Ion Ratio Lower Upper
85 100
87 30.0 16.1 48.2

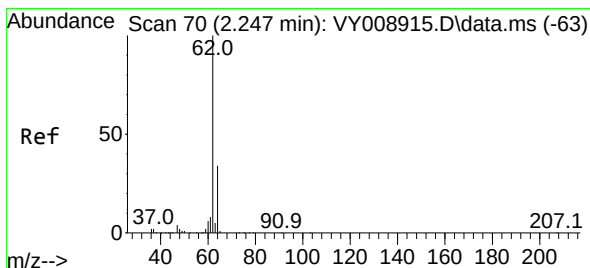
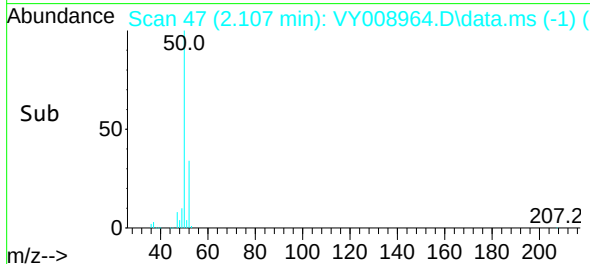
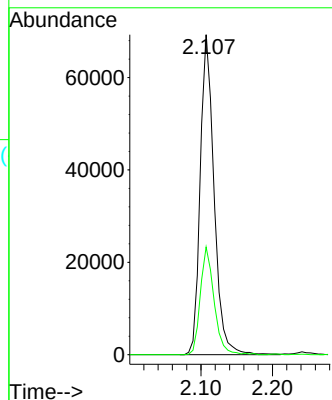
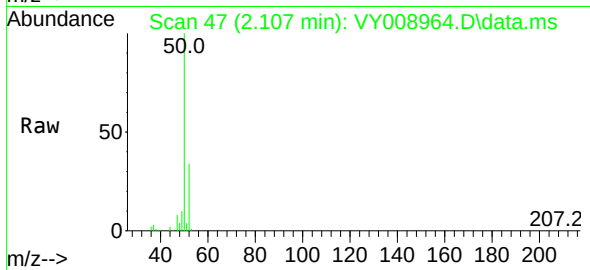




#3
Chloromethane
Concen: 60.408 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

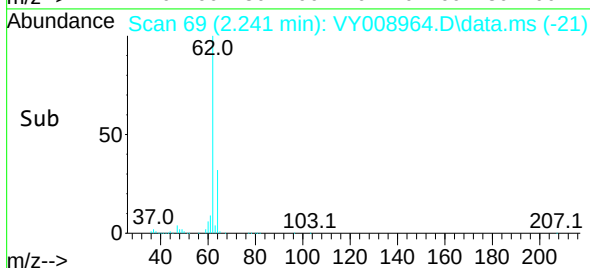
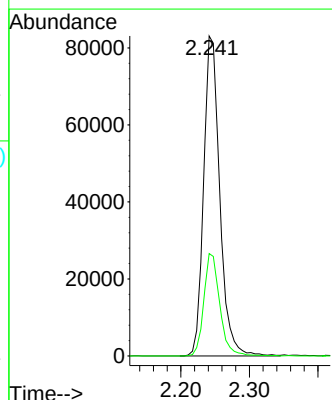
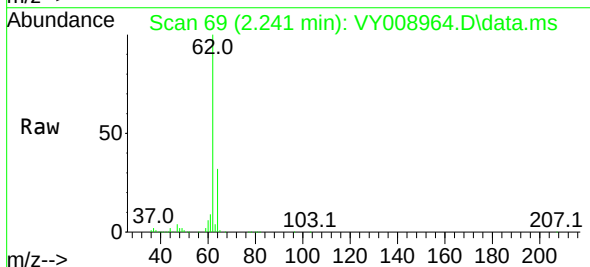
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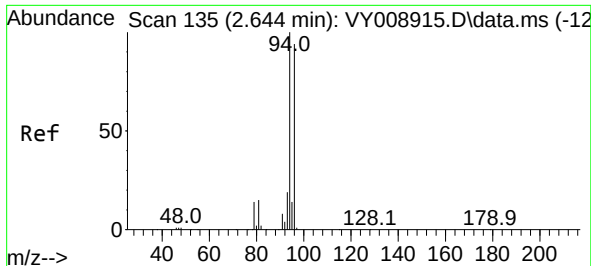
Tgt Ion: 50 Resp: 93078
Ion Ratio Lower Upper
50 100
52 33.6 24.6 37.0



#4
Vinyl Chloride
Concen: 59.699 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion: 62 Resp: 136281
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.6

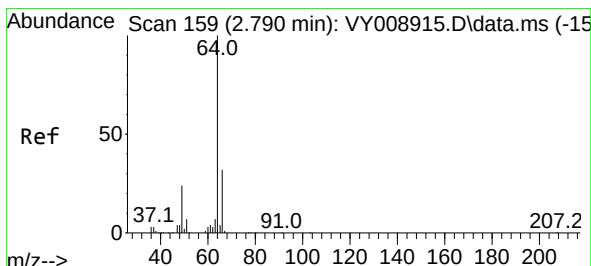
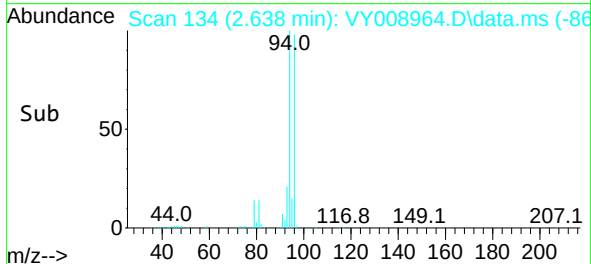
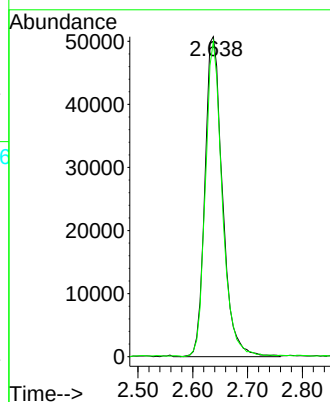
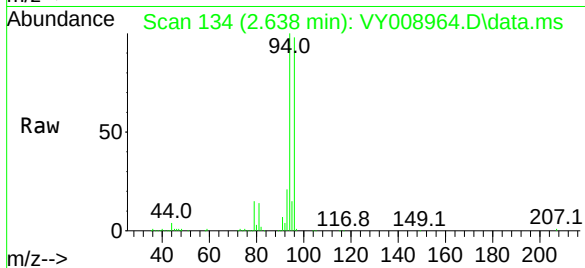




#5
Bromomethane
Concen: 50.432 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008964.D
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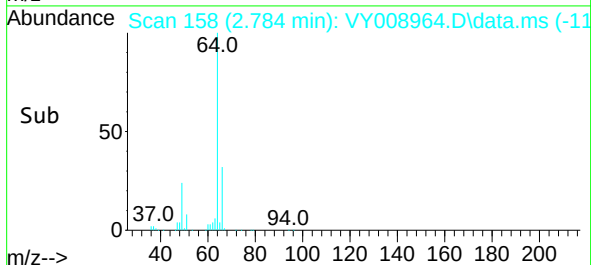
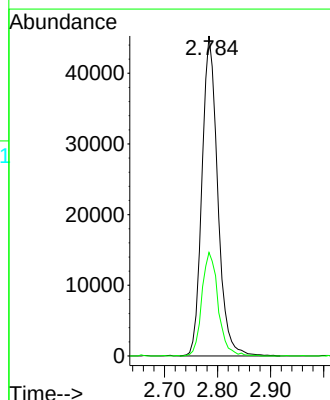
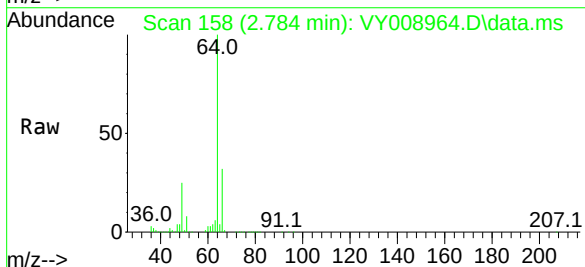
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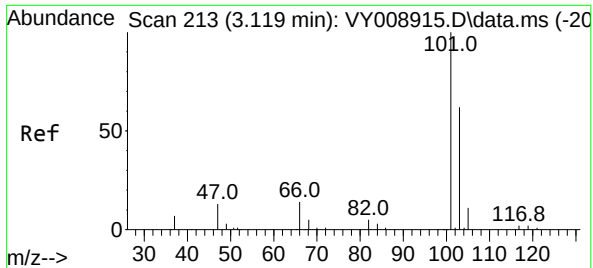
Tgt Ion: 94 Resp: 112852
Ion Ratio Lower Upper
94 100
96 98.2 73.5 110.3



#6
Chloroethane
Concen: 57.798 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY008964.D
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Tgt Ion: 64 Resp: 93473
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.0

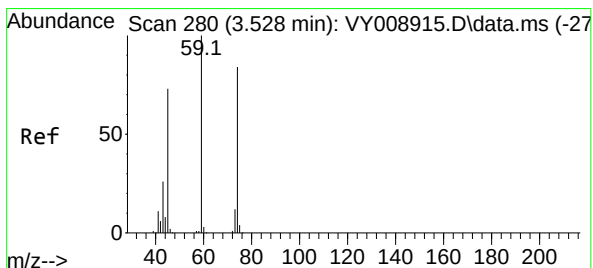
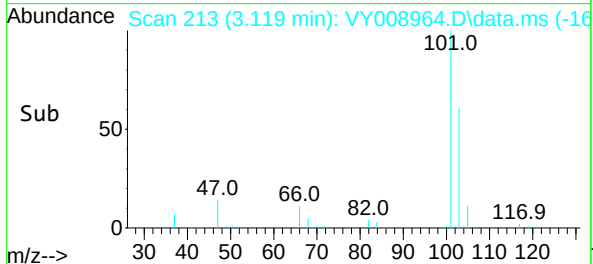
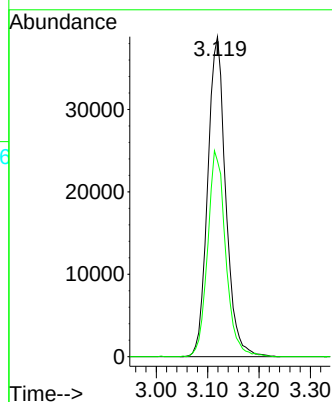
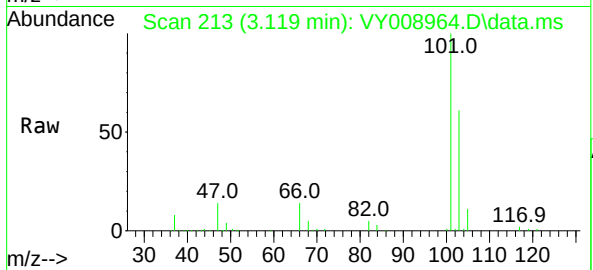




#7
 Trichlorofluoromethane
 Concen: 48.784 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY008964.D
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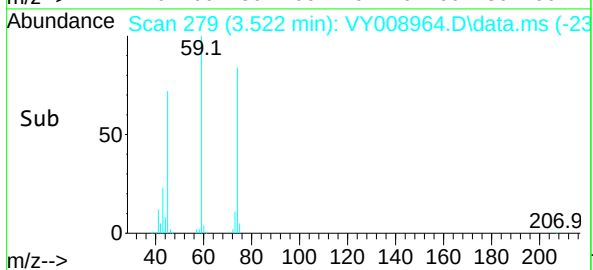
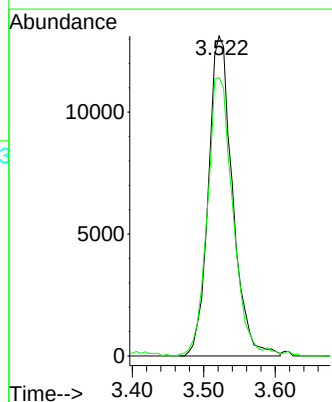
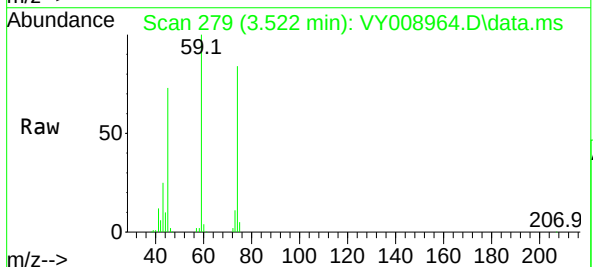
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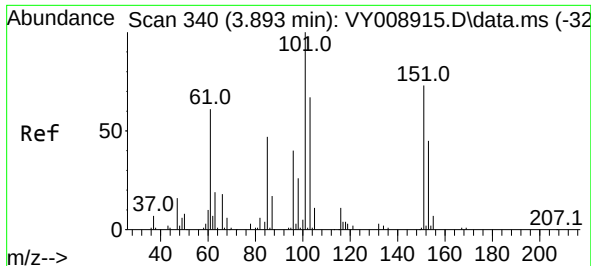
Tgt Ion:101 Resp: 94572
 Ion Ratio Lower Upper
 101 100
 103 61.1 48.0 72.0



#8
 Diethyl Ether
 Concen: 50.756 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY008964.D
 Acq: 21 May 2022 20:52

Tgt Ion: 74 Resp: 30767
 Ion Ratio Lower Upper
 74 100
 45 92.4 55.1 165.5

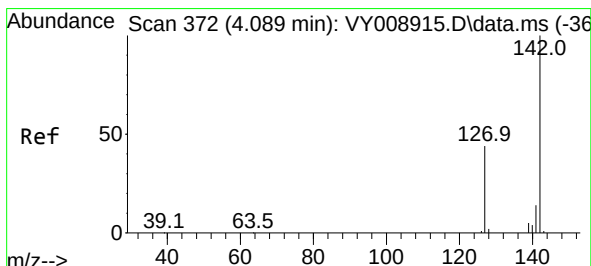
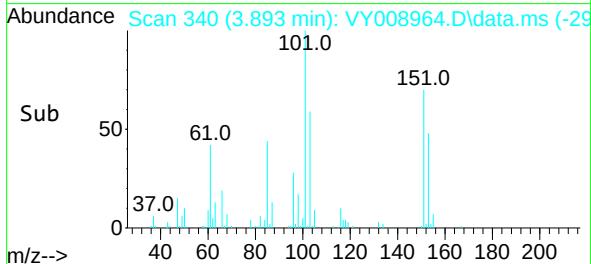
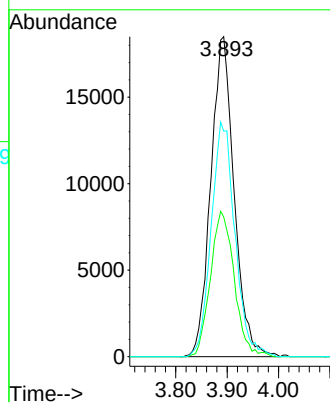
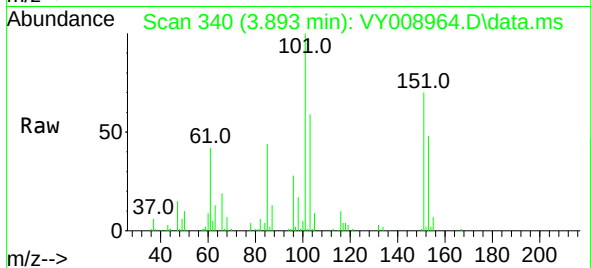




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.899 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

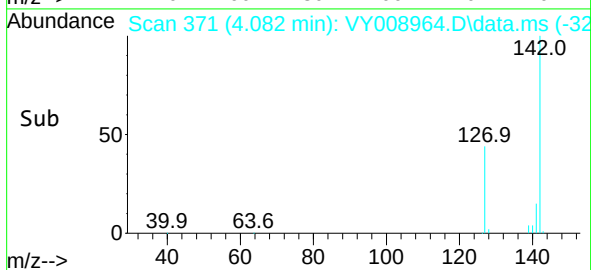
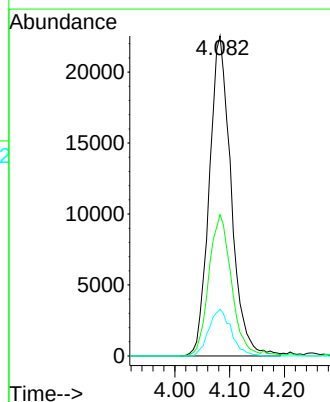
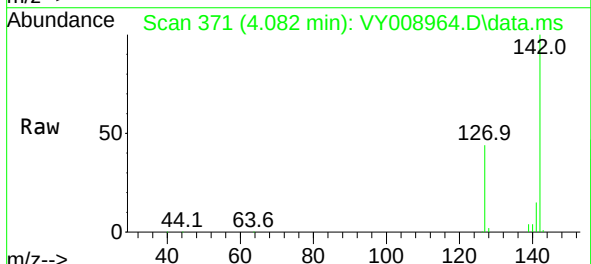
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

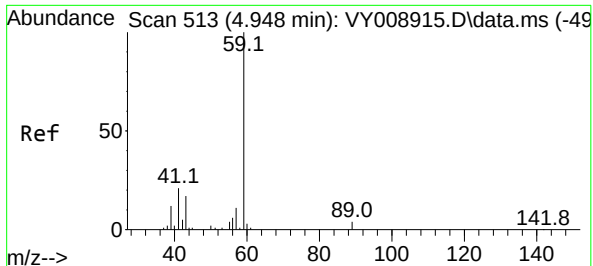
Tgt Ion:101 Resp: 58261
Ion Ratio Lower Upper
101 100
85 46.4 40.6 60.8
151 74.8 64.9 97.3



#10
Methyl Iodide
Concen: 50.541 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.007 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion:142 Resp: 62181
Ion Ratio Lower Upper
142 100
127 45.5 41.5 62.3
141 15.0 11.9 17.9

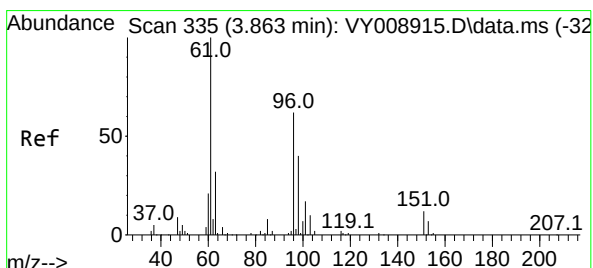
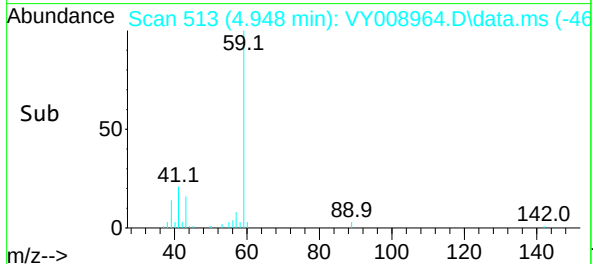
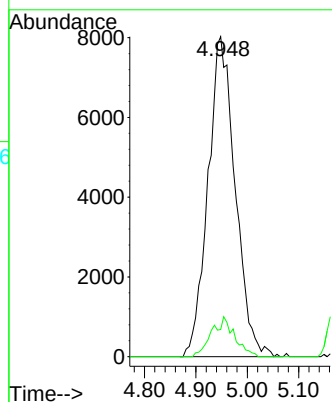
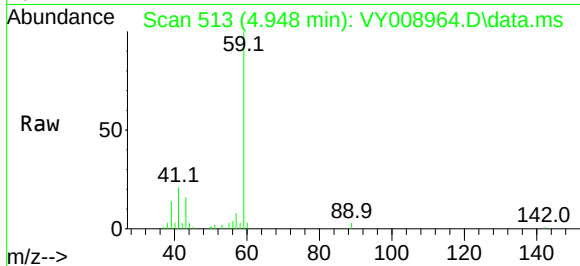




#11
Tert butyl alcohol
Concen: 241.002 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

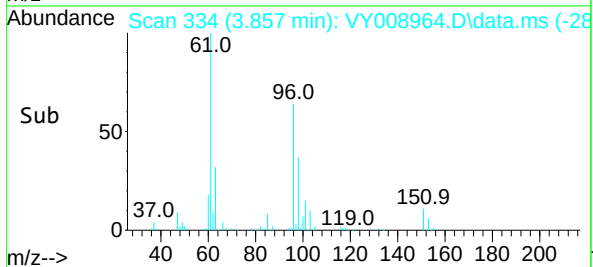
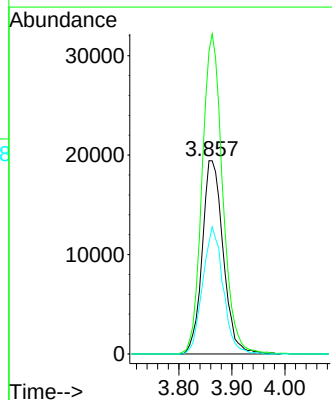
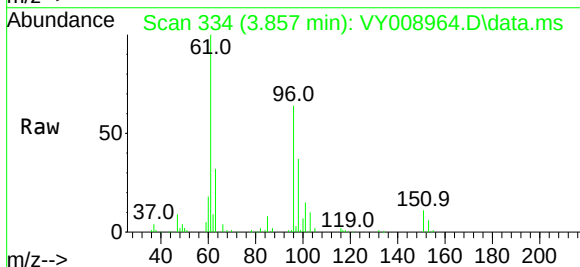
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

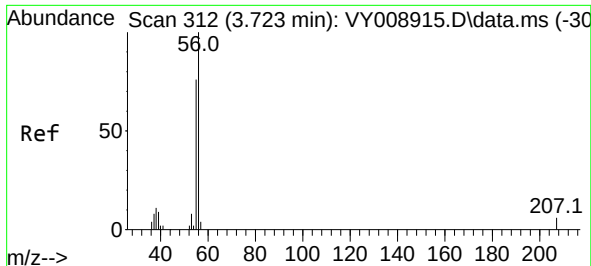
Tgt Ion: 59 Resp: 29585
Ion Ratio Lower Upper
59 100
57 10.5 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 48.418 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

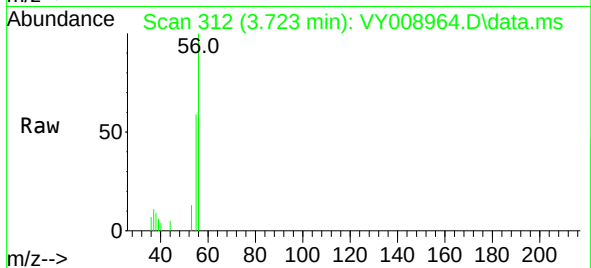
Tgt Ion: 96 Resp: 53553
Ion Ratio Lower Upper
96 100
61 156.3 145.8 218.6
98 57.7 52.5 78.7



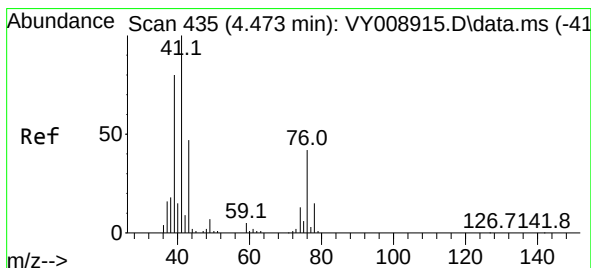
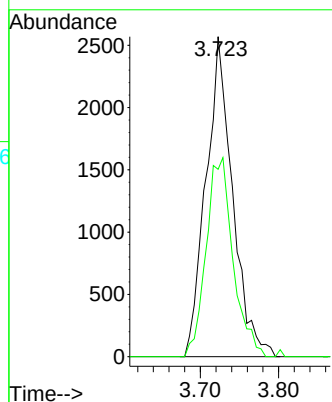
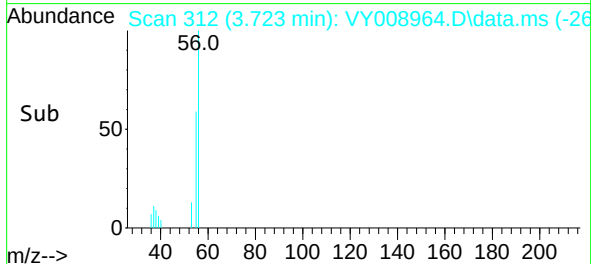


#13
Acrolein
Concen: 149.925 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

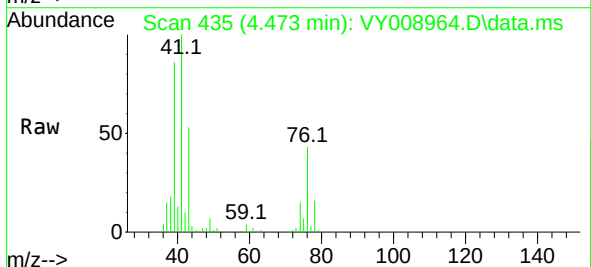
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



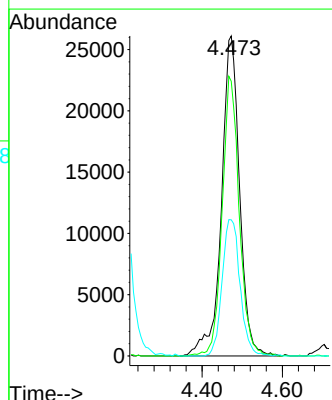
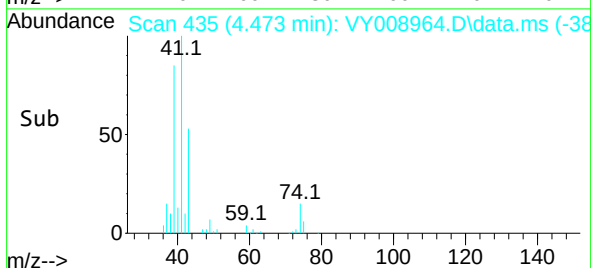
Tgt Ion: 56 Resp: 6058
Ion Ratio Lower Upper
56 100
55 62.9 57.6 86.4

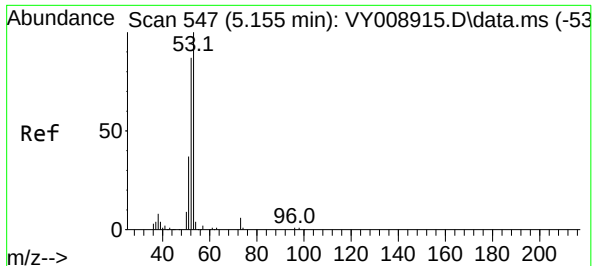


#14
Allyl chloride
Concen: 49.329 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52



Tgt Ion: 41 Resp: 82224
Ion Ratio Lower Upper
41 100
39 82.1 58.8 88.2
76 42.0 25.1 37.7#

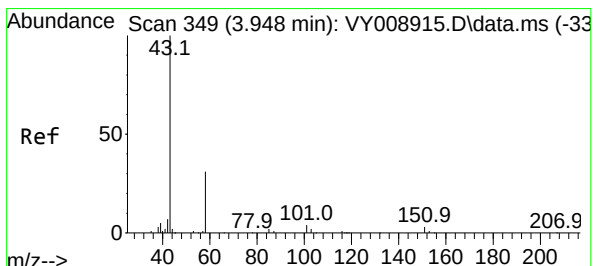
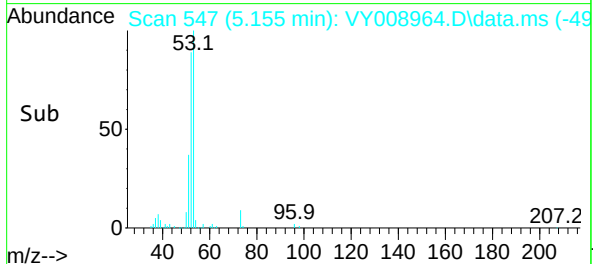
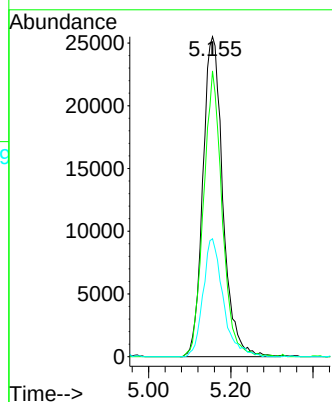
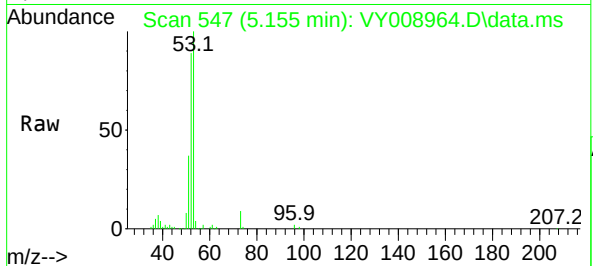




#15
Acrylonitrile
Concen: 253.793 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

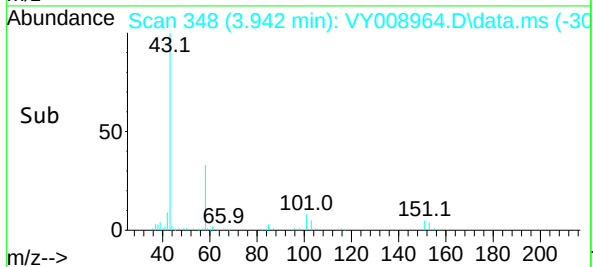
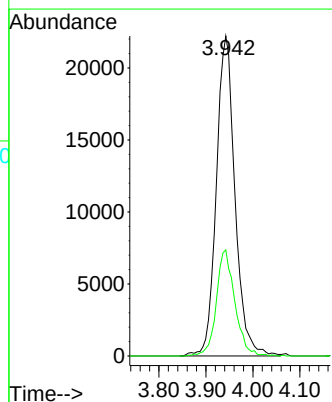
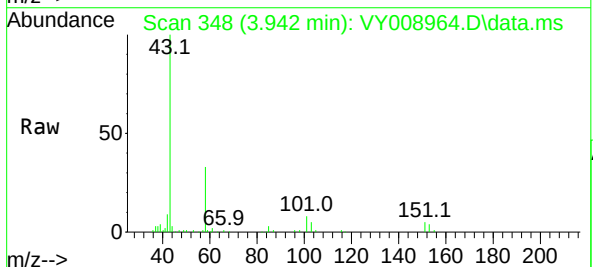
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

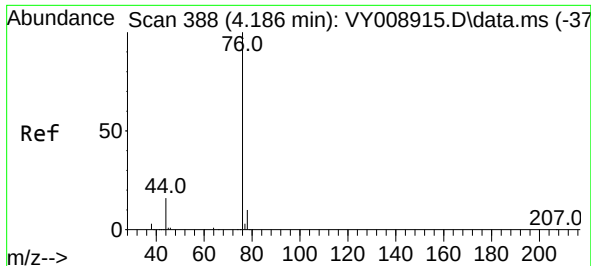
Tgt Ion: 53 Resp: 86138
Ion Ratio Lower Upper
53 100
52 83.0 67.0 100.4
51 37.1 29.8 44.6



#16
Acetone
Concen: 243.862 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion: 43 Resp: 61434
Ion Ratio Lower Upper
43 100
58 33.2 22.0 33.0#

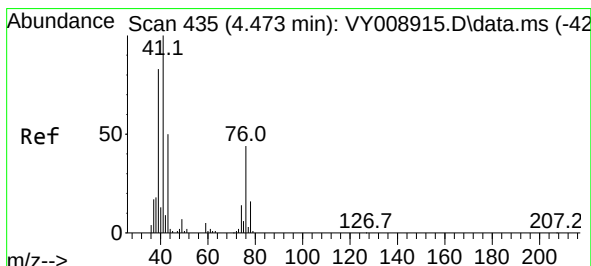
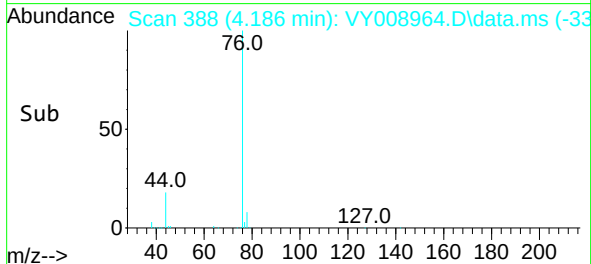
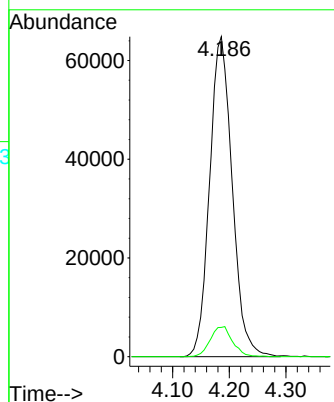
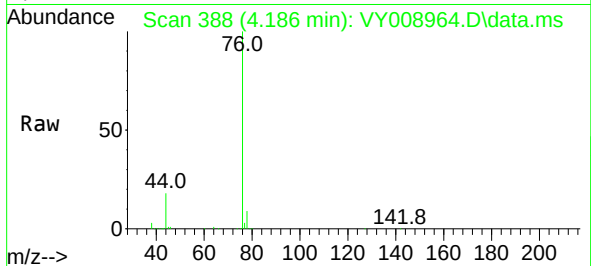




#17
Carbon Disulfide
Concen: 49.620 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

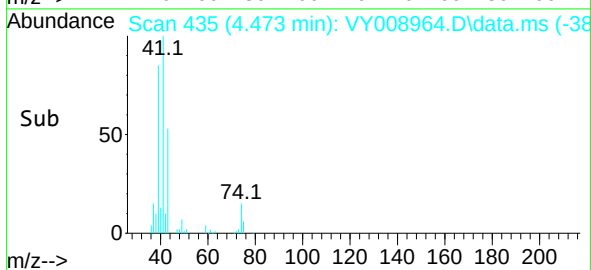
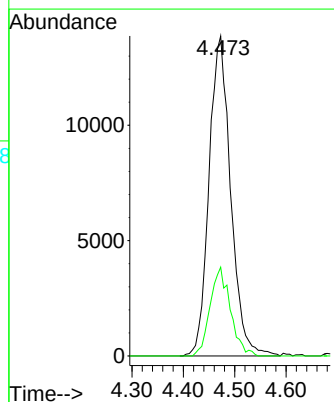
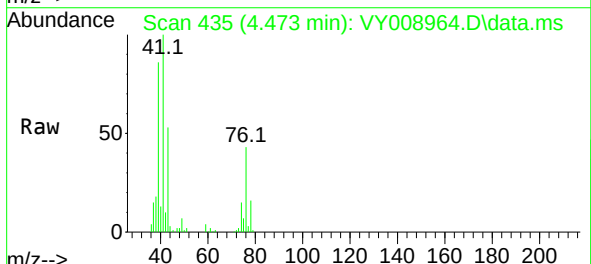
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

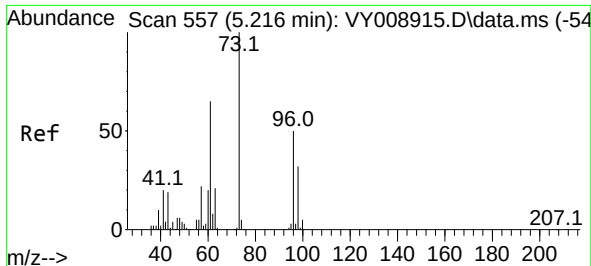
Tgt Ion: 76 Resp: 179300
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 51.653 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion: 43 Resp: 40521
Ion Ratio Lower Upper
43 100
74 26.0 16.6 24.8#

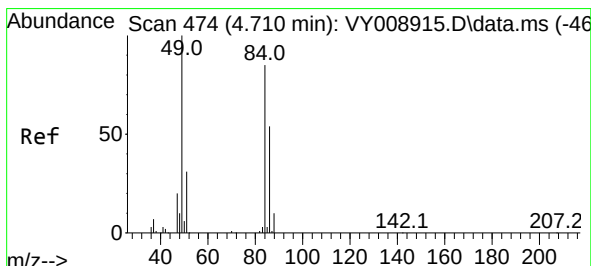
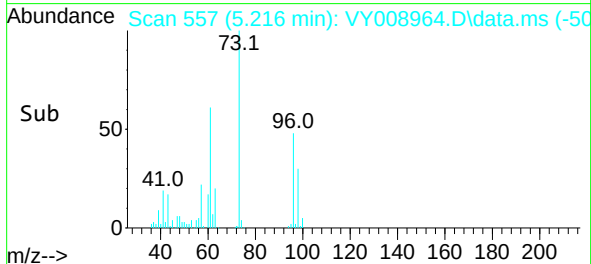
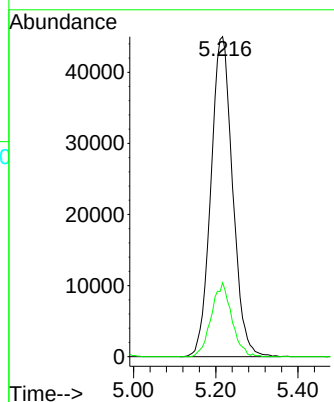
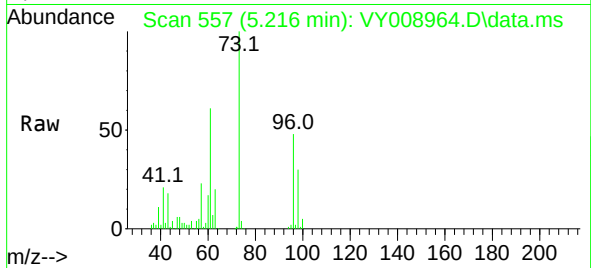




#19
Methyl tert-butyl Ether
Concen: 49.680 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

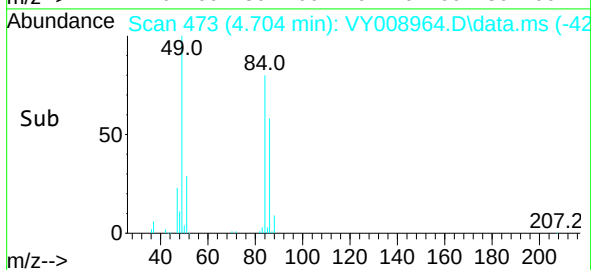
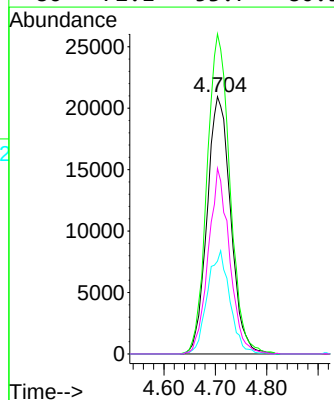
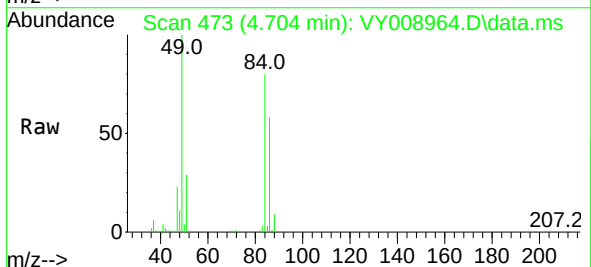
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

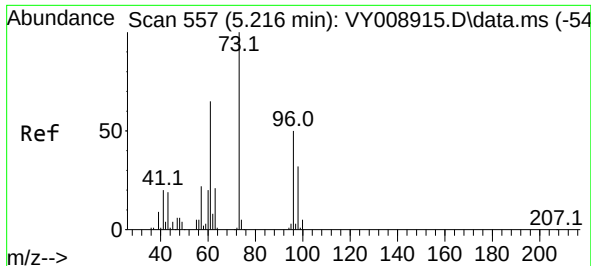
Tgt Ion: 73 Resp: 164927
Ion Ratio Lower Upper
73 100
57 23.1 18.6 27.8



#20
Methylene Chloride
Concen: 46.774 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

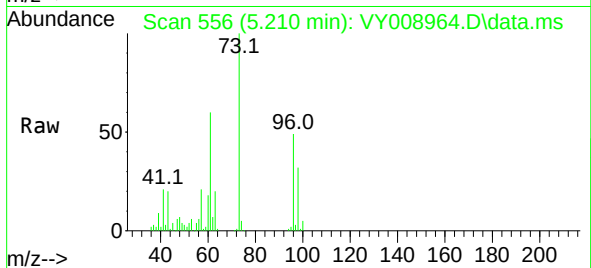
Tgt Ion: 84 Resp: 66562
Ion Ratio Lower Upper
84 100
49 124.4 114.4 171.6
51 36.1 35.3 52.9
86 72.1 53.7 80.5



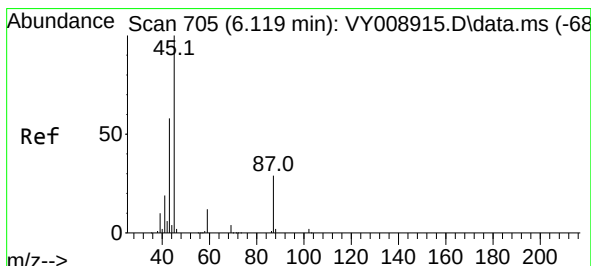
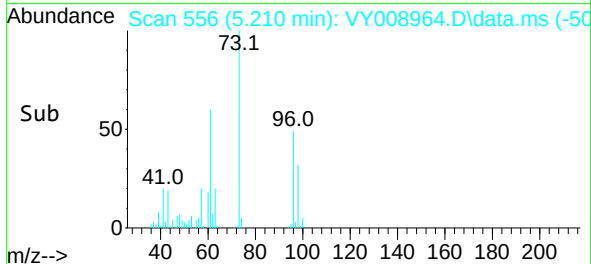
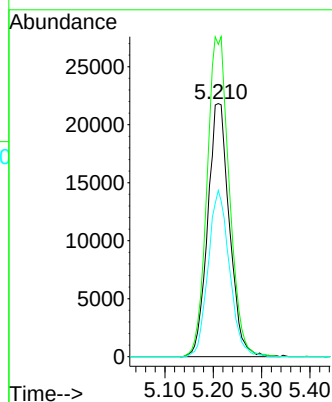


#21
trans-1,2-Dichloroethene
Concen: 47.897 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

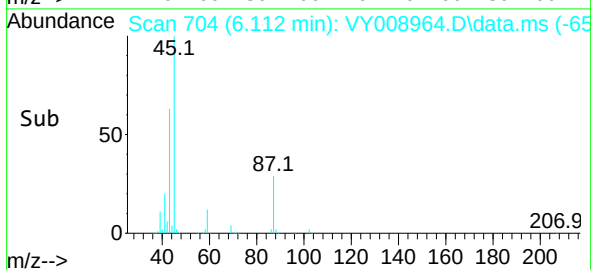
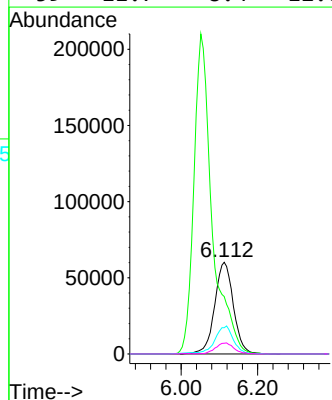
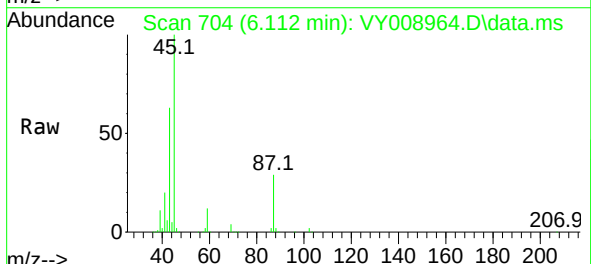


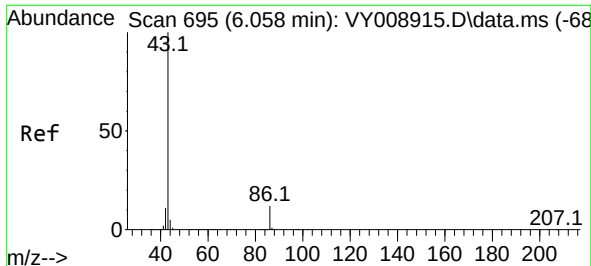
Tgt Ion: 96 Resp: 67997
Ion Ratio Lower Upper
96 100
61 123.4 120.5 180.7
98 65.7 49.8 74.8



#22
Diisopropyl ether
Concen: 51.171 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion: 45 Resp: 204918
Ion Ratio Lower Upper
45 100
43 62.3 49.3 73.9
87 28.7 19.2 28.8
59 11.7 8.4 12.6

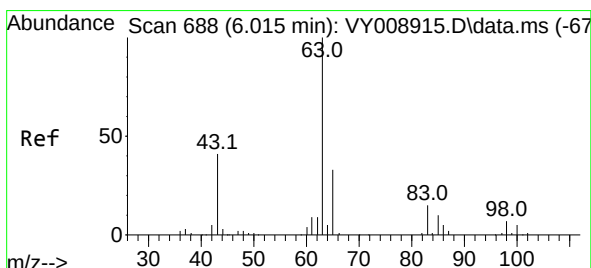
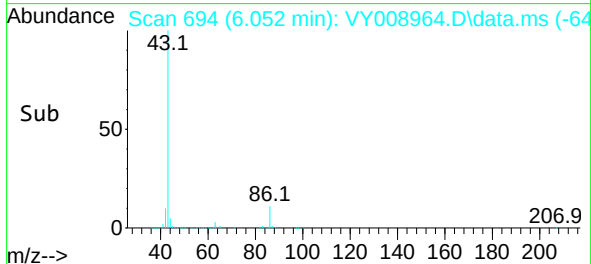
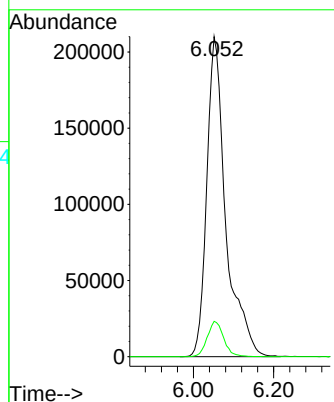
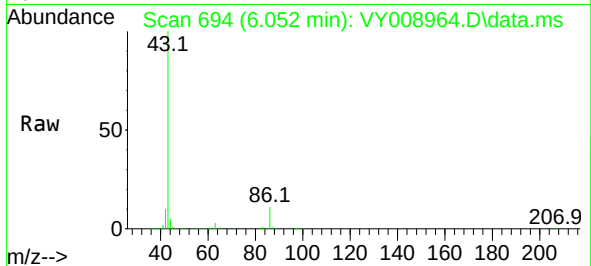




#23
 Vinyl Acetate
 Concen: 261.617 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY008964.D
 Acq: 21 May 2022 20:52

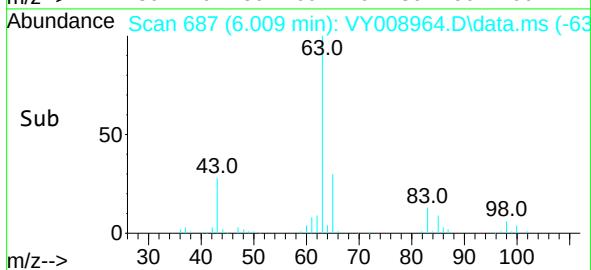
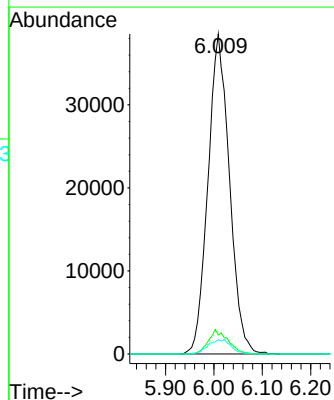
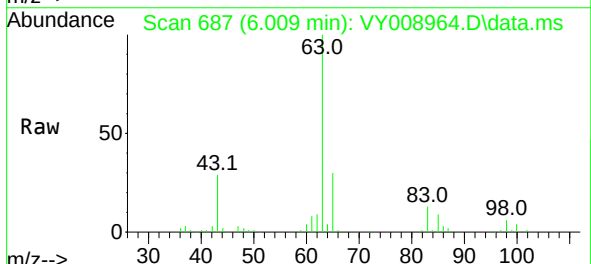
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

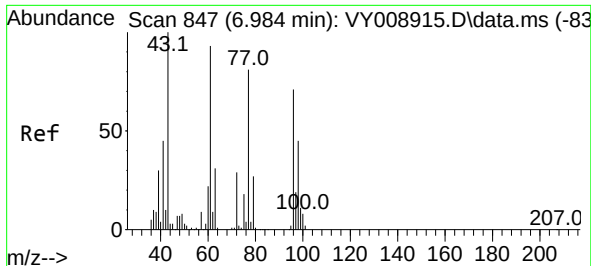
Tgt Ion: 43 Resp: 693006
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 49.759 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY008964.D
 Acq: 21 May 2022 20:52

Tgt Ion: 63 Resp: 119183
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.6 10.8
 100 4.4 2.0 5.8





#25

2-Butanone

Concen: 259.077 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

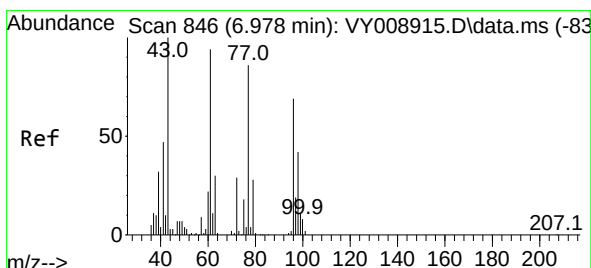
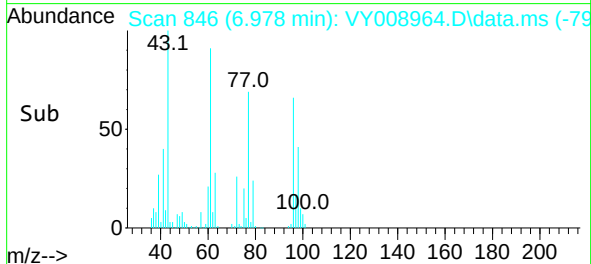
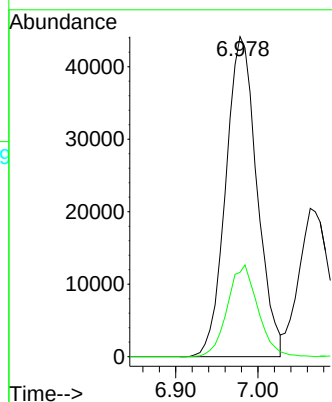
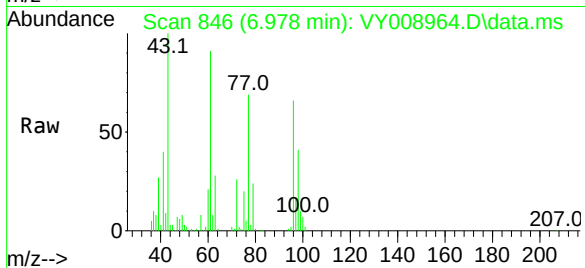
VSTDCCC050EC

Tgt Ion: 43 Resp: 116574

Ion Ratio Lower Upper

43 100

72 26.3 17.7 26.5



#26

2,2-Dichloropropane

Concen: 42.033 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008964.D

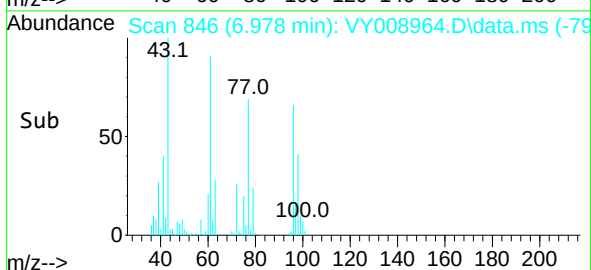
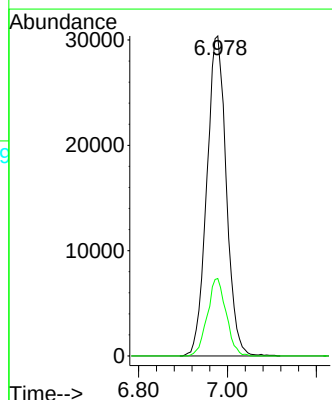
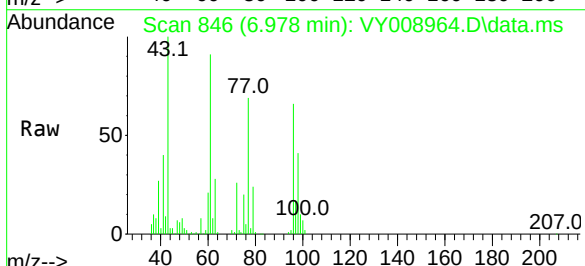
Acq: 21 May 2022 20:52

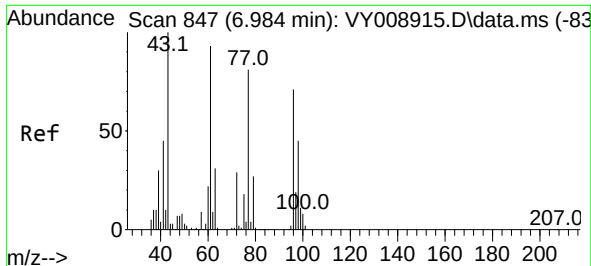
Tgt Ion: 77 Resp: 92741

Ion Ratio Lower Upper

77 100

97 23.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 49.139 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

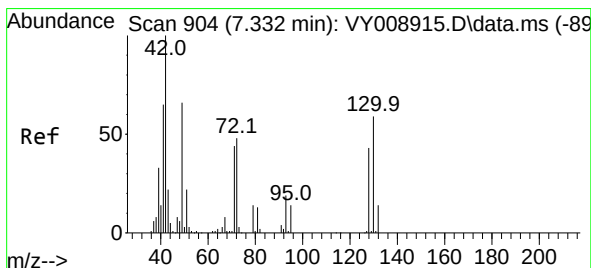
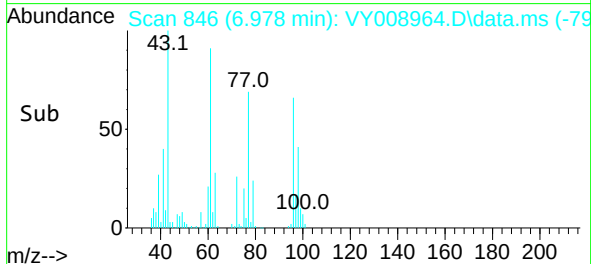
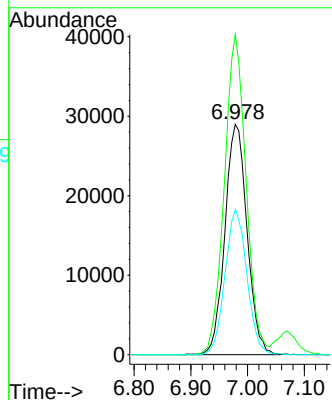
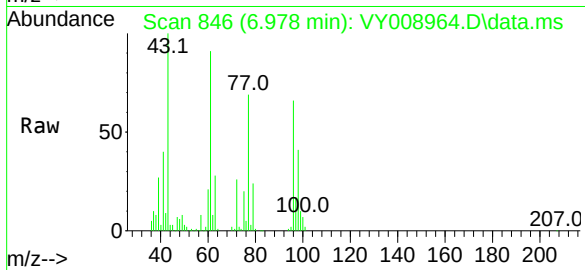
Tgt Ion: 96 Resp: 78640

Ion Ratio Lower Upper

96 100

61 136.3 0.0 319.8

98 62.3 0.0 127.0



#28

Bromochloromethane

Concen: 51.926 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

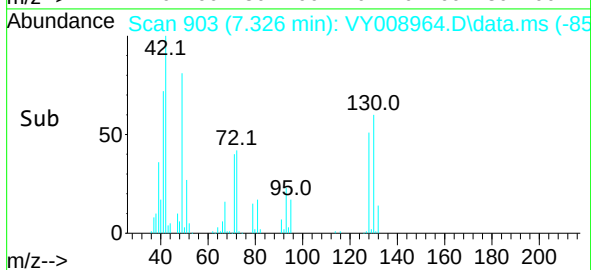
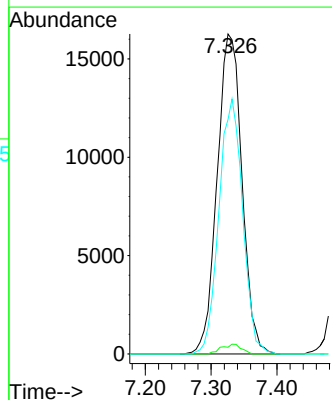
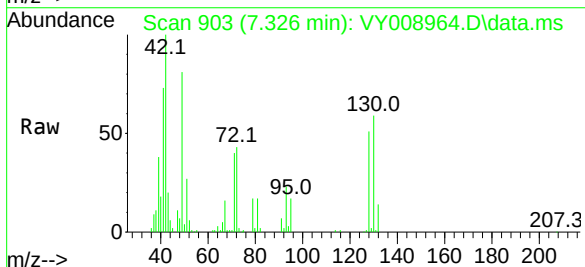
Tgt Ion: 49 Resp: 42689

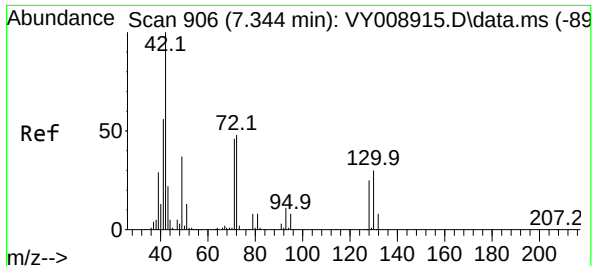
Ion Ratio Lower Upper

49 100

129 2.4 0.0 2.2#

130 76.3 55.4 83.0





#29

Tetrahydrofuran

Concen: 266.031 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

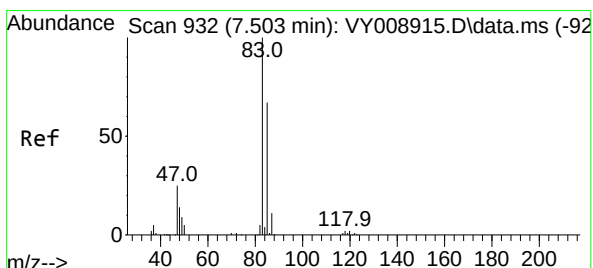
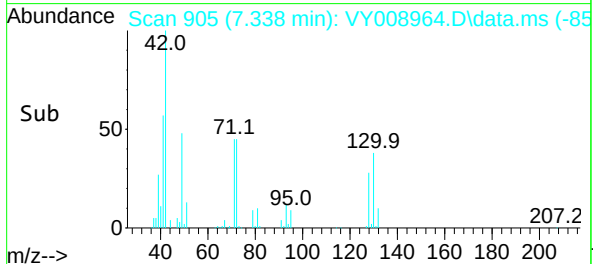
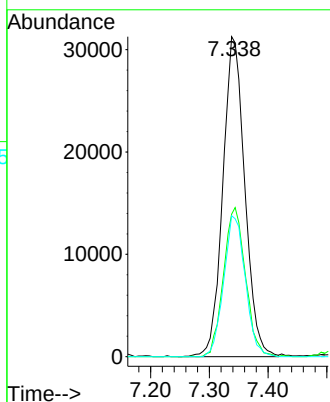
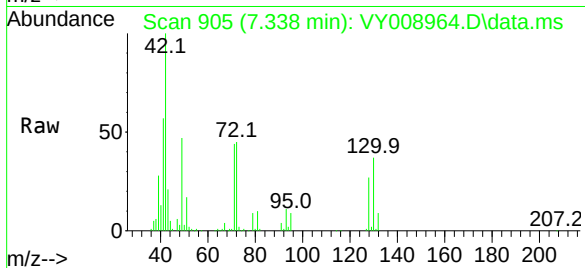
Tgt Ion: 42 Resp: 81312

Ion Ratio Lower Upper

42 100

72 46.6 30.3 45.5#

71 43.3 29.0 43.4



#30

Chloroform

Concen: 49.627 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.001 min

Lab File: VY008964.D

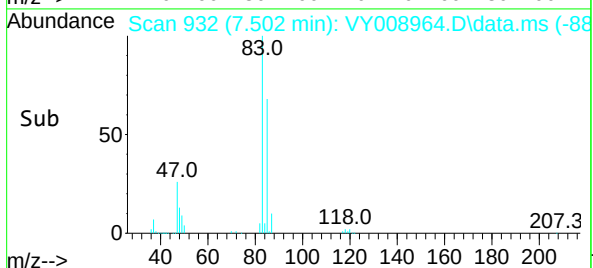
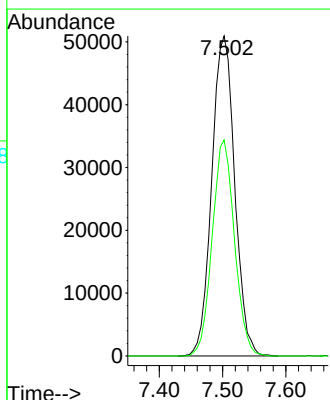
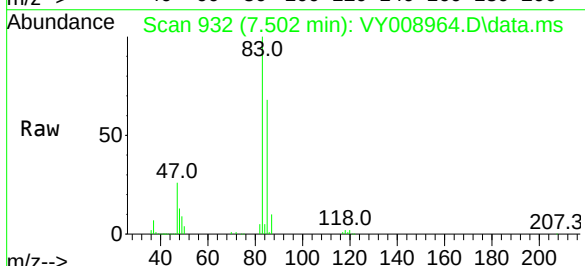
Acq: 21 May 2022 20:52

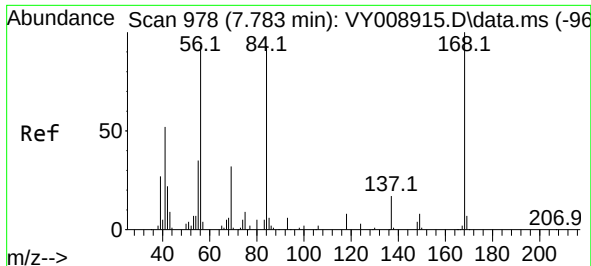
Tgt Ion: 83 Resp: 128311

Ion Ratio Lower Upper

83 100

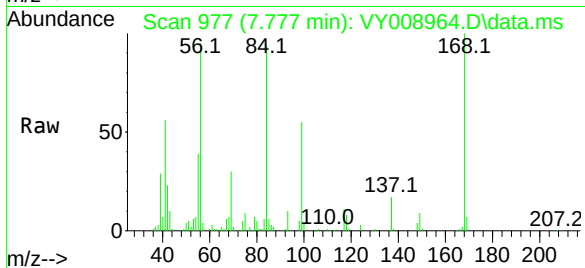
85 67.5 51.8 77.6



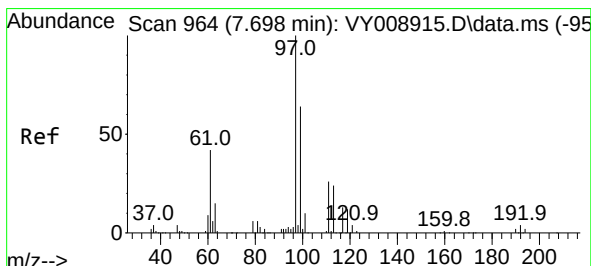
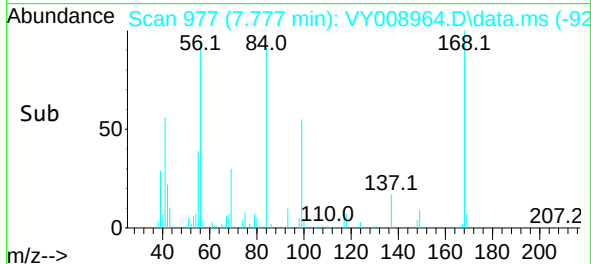
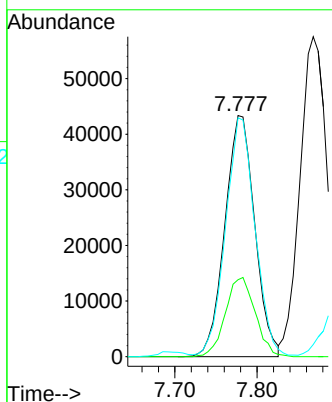


#31
Cyclohexane
Concen: 46.274 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

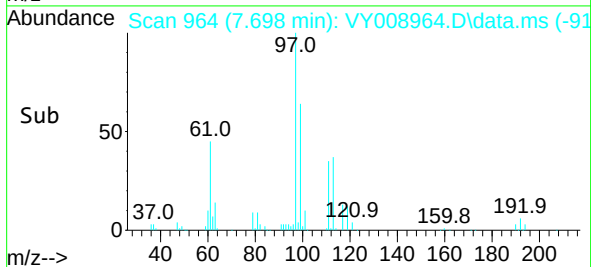
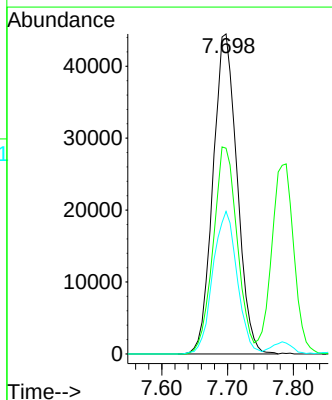
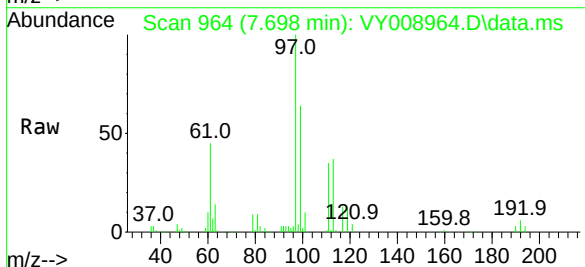


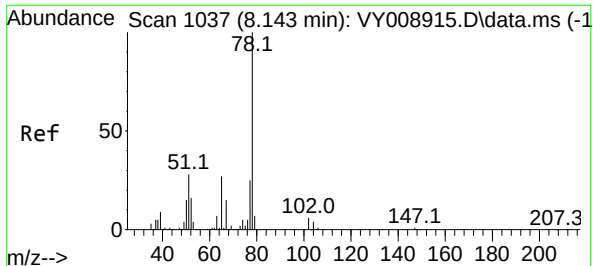
Tgt Ion: 56 Resp: 109560
Ion Ratio Lower Upper
56 100
69 32.0 26.7 40.1
84 97.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 48.446 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion: 97 Resp: 113638
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 44.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 45.103 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

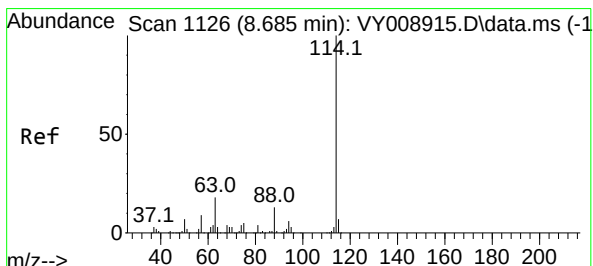
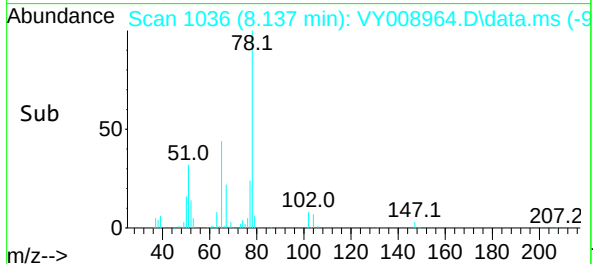
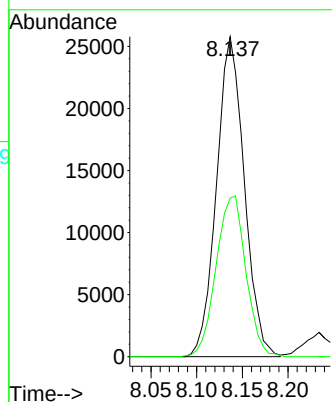
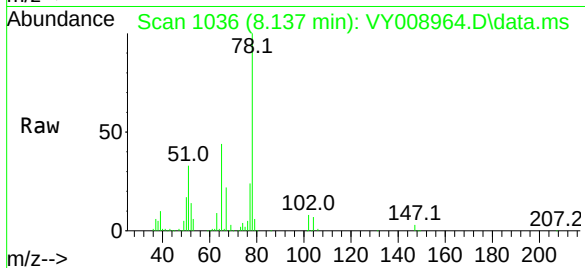
VSTDCCC050EC

Tgt Ion: 65 Resp: 54586

Ion Ratio Lower Upper

65 100

67 53.7 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: VY008964.D

Acq: 21 May 2022 20:52

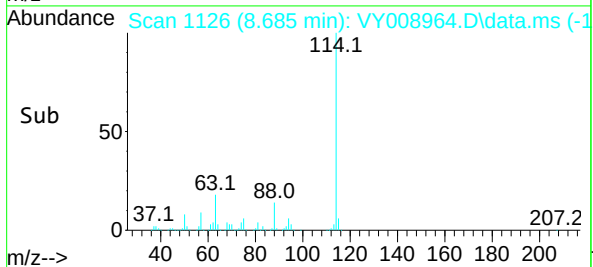
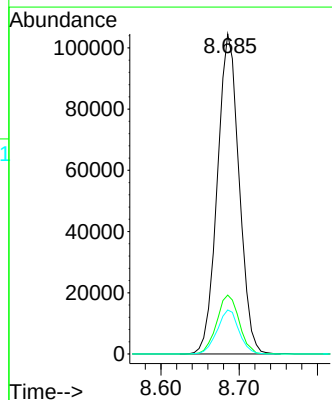
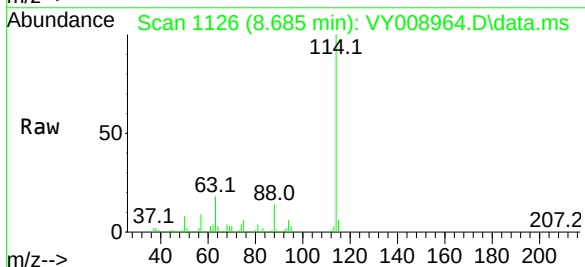
Tgt Ion: 114 Resp: 201768

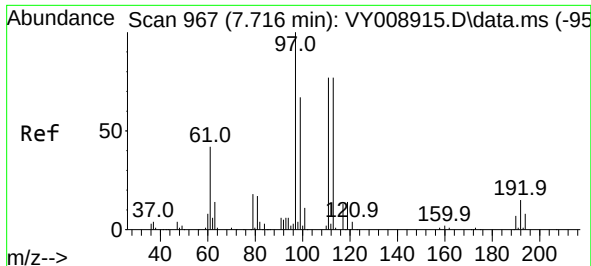
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 13.8 0.0 31.8

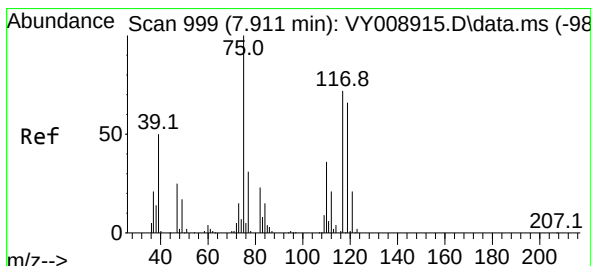
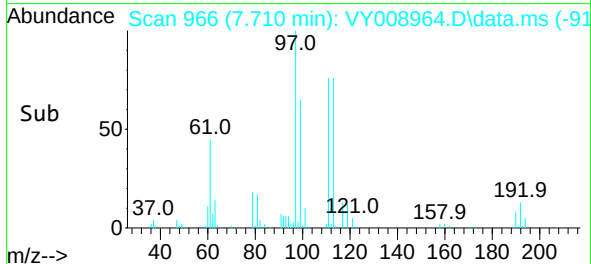
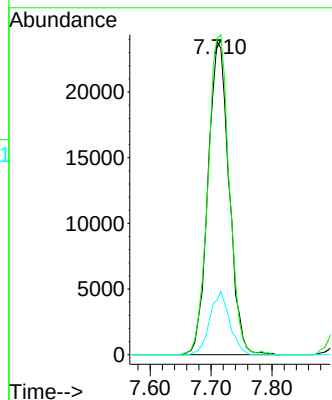
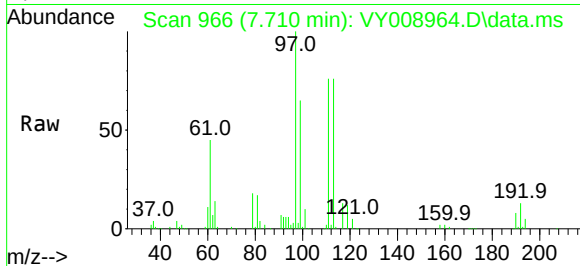




#35
Dibromofluoromethane
Concen: 45.677 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

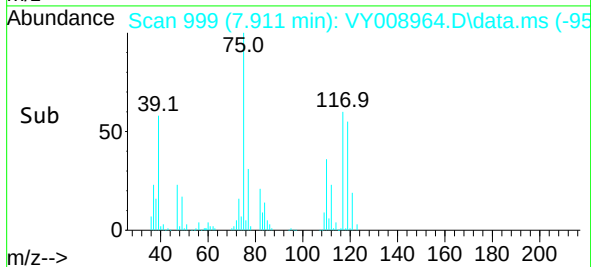
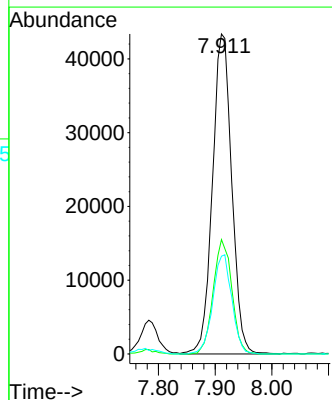
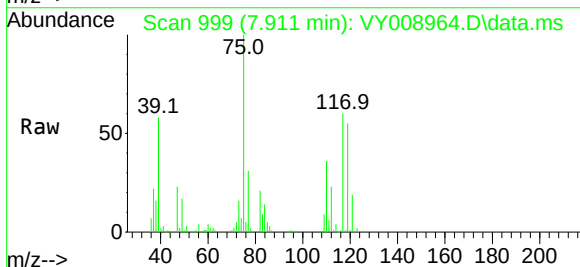
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

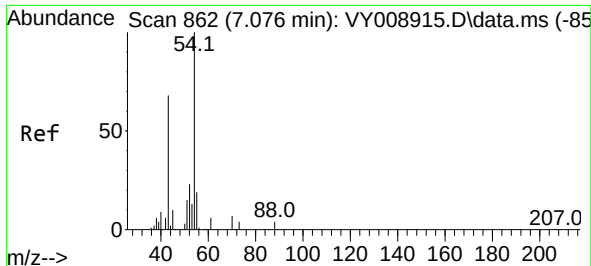
Tgt Ion:113 Resp: 57310
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 18.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 48.030 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion: 75 Resp: 102554
Ion Ratio Lower Upper
75 100
110 34.5 17.1 51.2
77 30.6 24.4 36.6

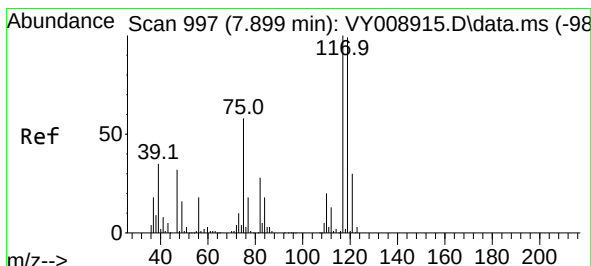
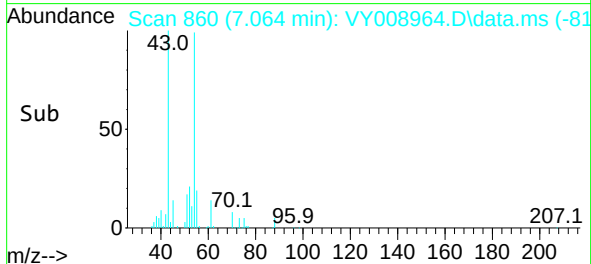
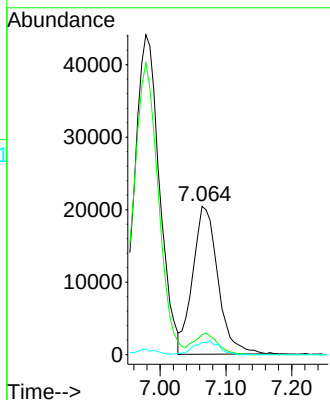
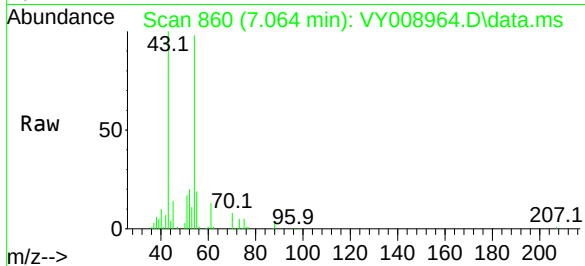




#37
Ethyl Acetate
Concen: 49.031 ug/l
RT: 7.064 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

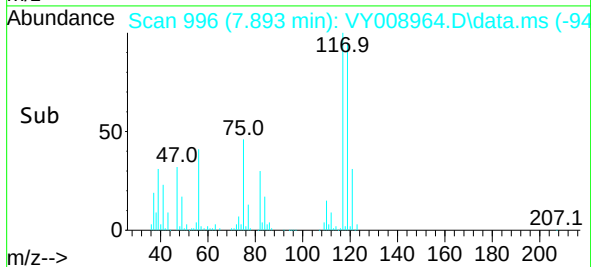
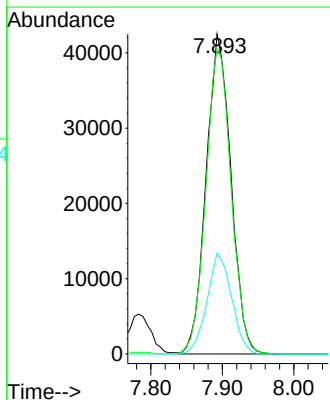
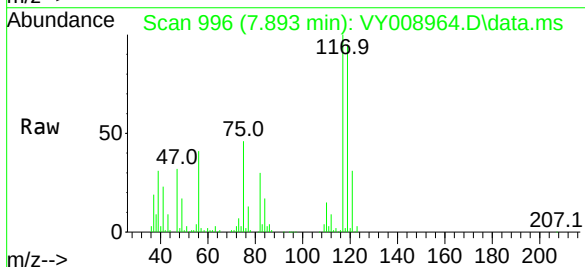
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

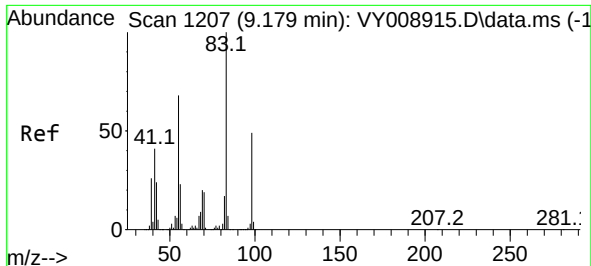
Tgt Ion: 43 Resp: 54307
Ion Ratio Lower Upper
43 100
61 13.5 9.7 14.5
70 9.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 45.888 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion: 117 Resp: 102498
Ion Ratio Lower Upper
117 100
119 95.4 77.9 116.9
121 31.5 24.8 37.2





#39

Methylcyclohexane

Concen: 46.623 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

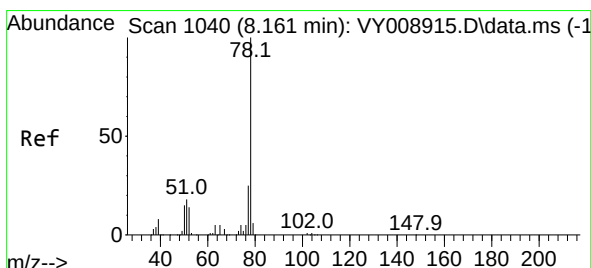
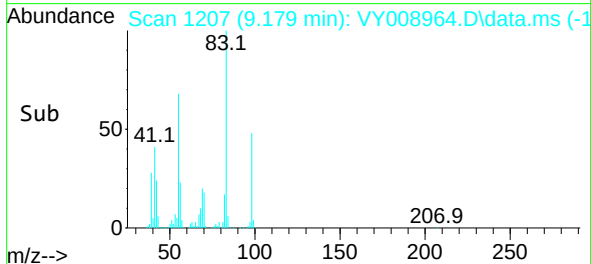
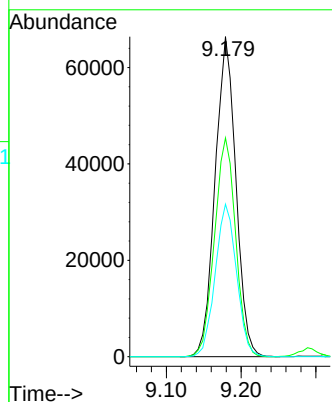
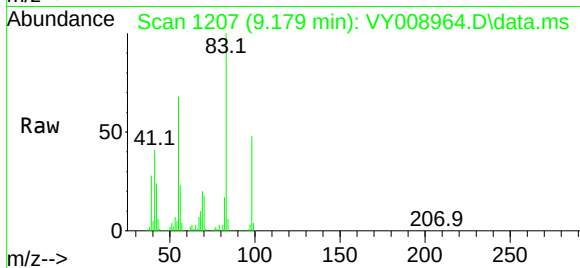
Tgt Ion: 83 Resp: 128498

Ion Ratio Lower Upper

83 100

55 68.4 66.5 99.7

98 47.6 37.9 56.9



#40

Benzene

Concen: 48.693 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY008964.D

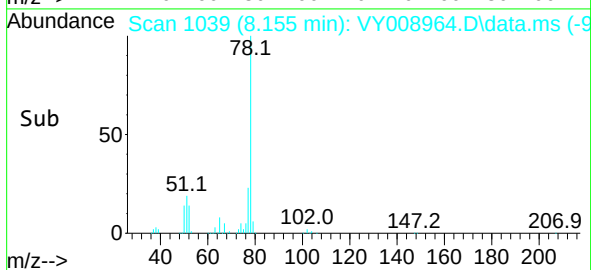
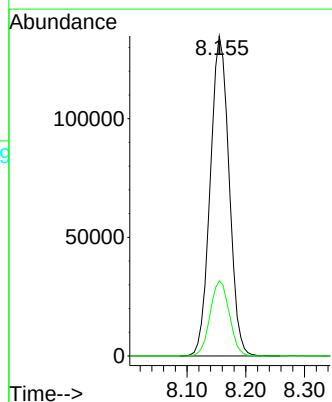
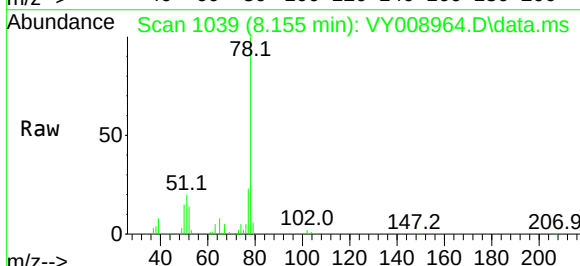
Acq: 21 May 2022 20:52

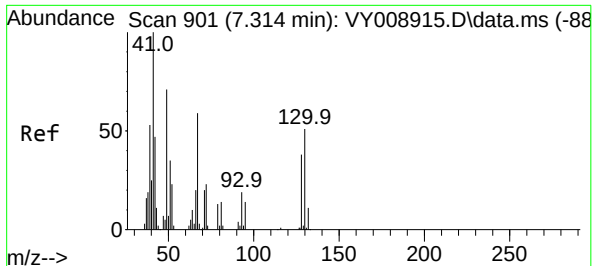
Tgt Ion: 78 Resp: 299812

Ion Ratio Lower Upper

78 100

77 23.4 20.4 30.6

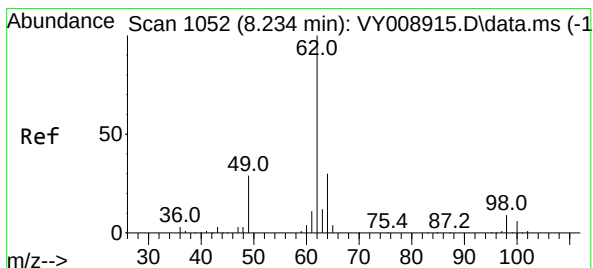
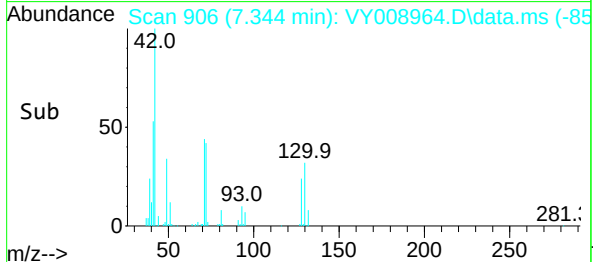
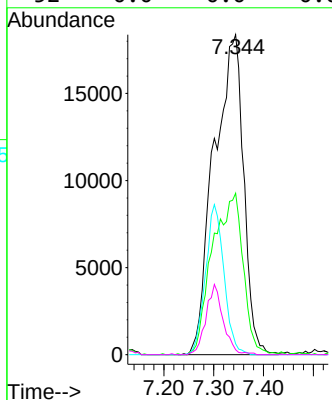
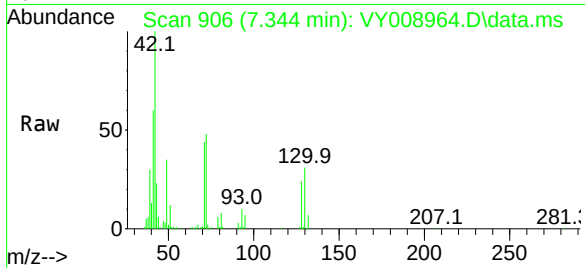




#41
Methacrylonitrile
Concen: 132.138 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

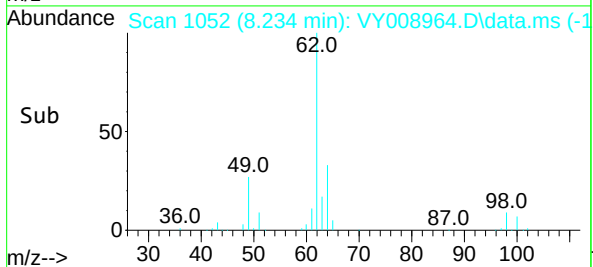
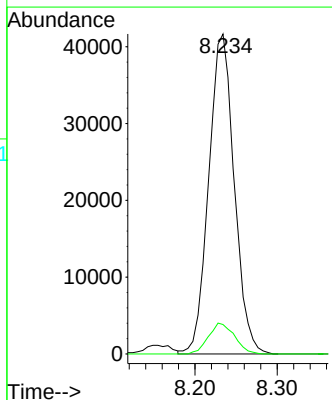
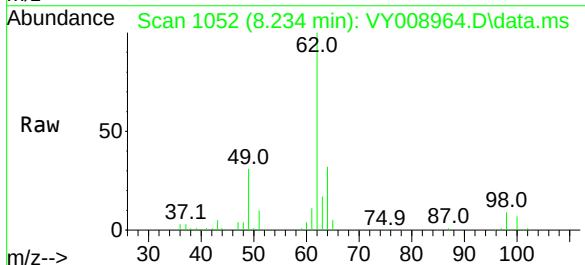
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

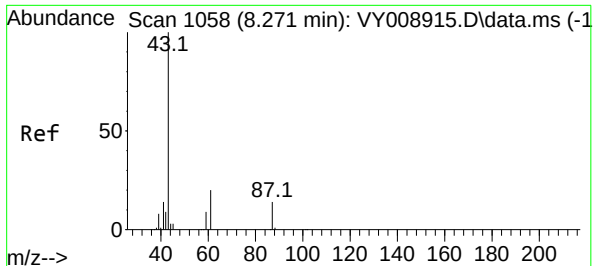
Tgt Ion: 41 Resp: 75524
Ion Ratio Lower Upper
41 100
39 52.4 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.663 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion: 62 Resp: 89791
Ion Ratio Lower Upper
62 100
98 9.9 0.0 14.8

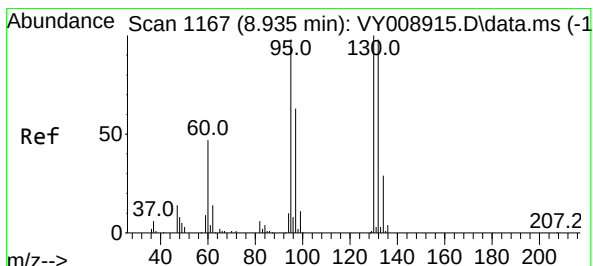
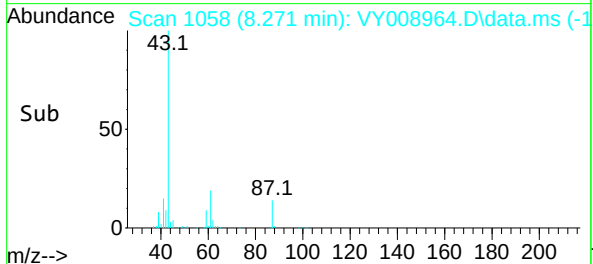
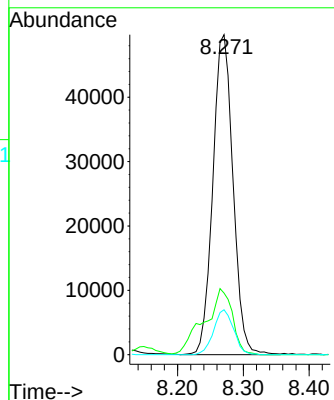
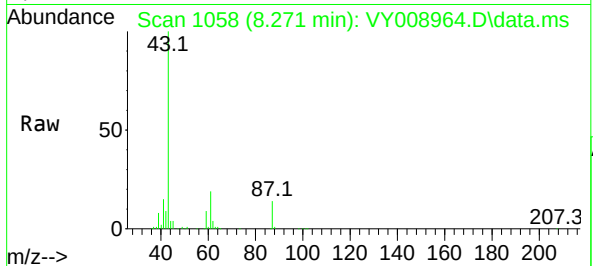




#43
Isopropyl Acetate
Concen: 51.584 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

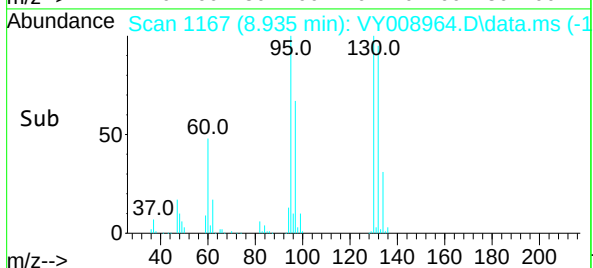
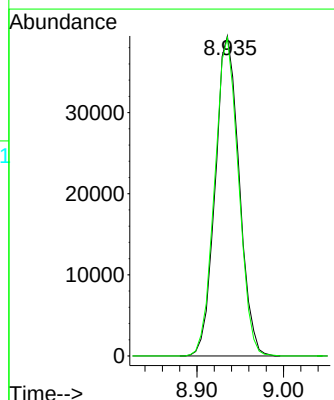
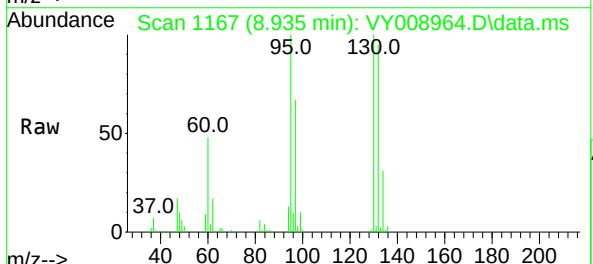
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

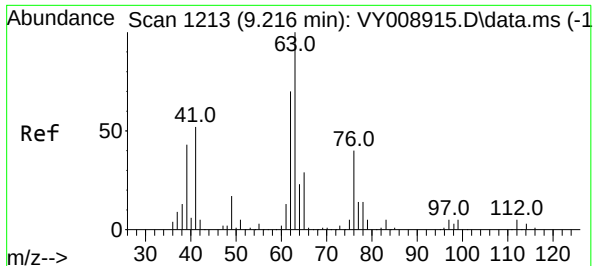
Tgt Ion: 43 Resp: 106236
Ion Ratio Lower Upper
43 100
61 28.7 20.2 30.2
87 13.9 8.9 13.3#



#44
Trichloroethene
Concen: 46.448 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion:130 Resp: 75724
Ion Ratio Lower Upper
130 100
95 99.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 50.101 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

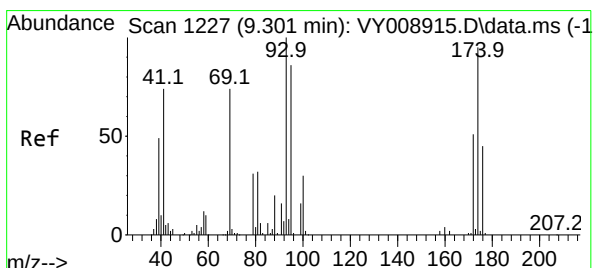
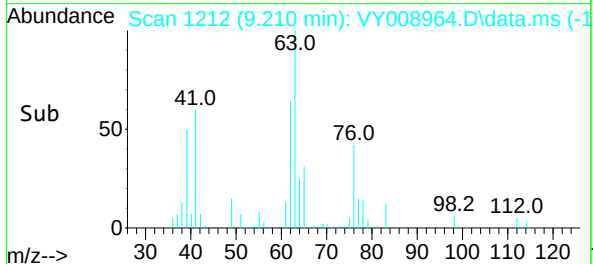
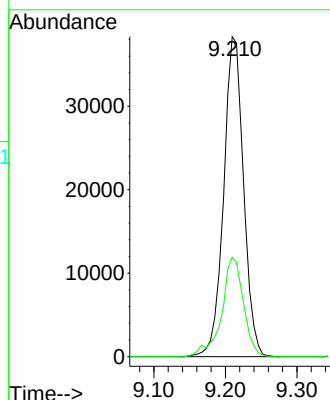
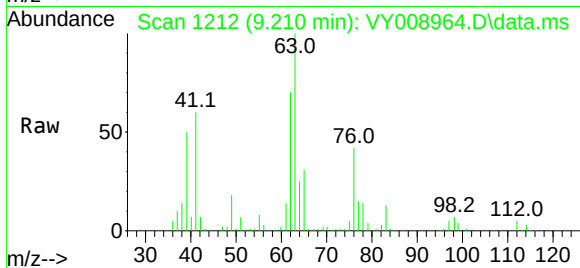
VSTDCCC050EC

Tgt Ion: 63 Resp: 74070

Ion Ratio Lower Upper

63 100

65 31.1 23.0 34.6



#46

Dibromomethane

Concen: 49.403 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

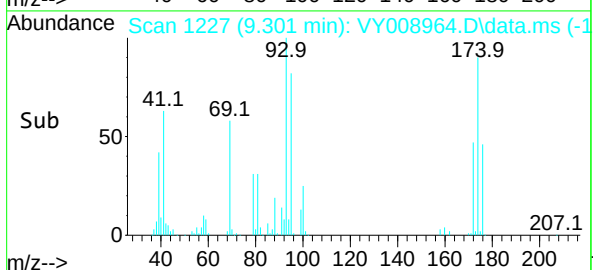
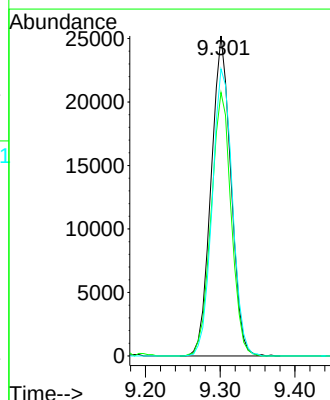
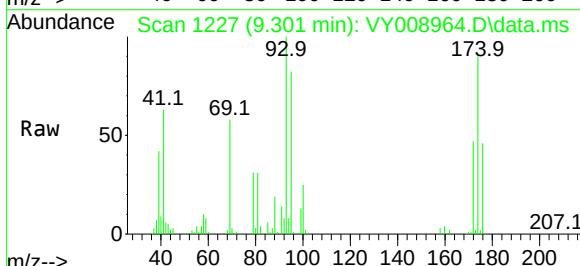
Tgt Ion: 93 Resp: 46442

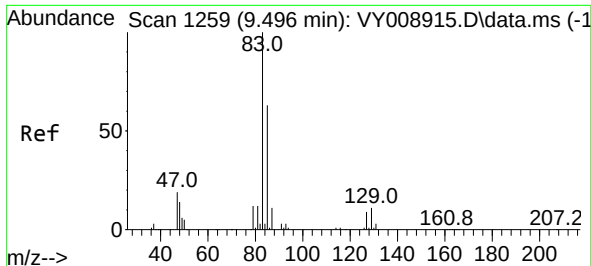
Ion Ratio Lower Upper

93 100

95 82.9 64.3 96.5

174 91.1 83.4 125.0

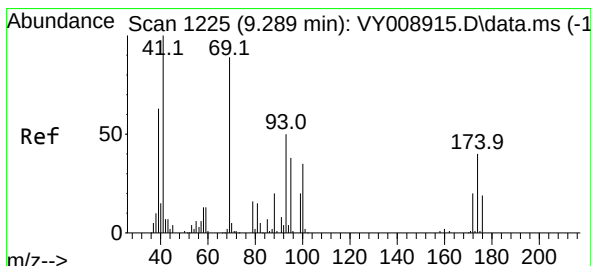
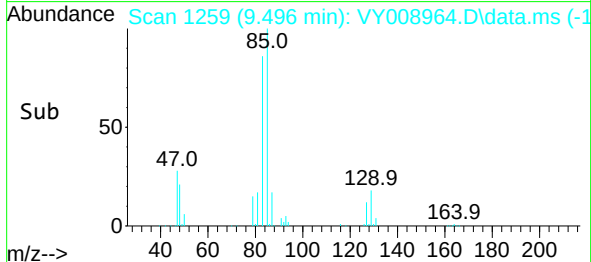
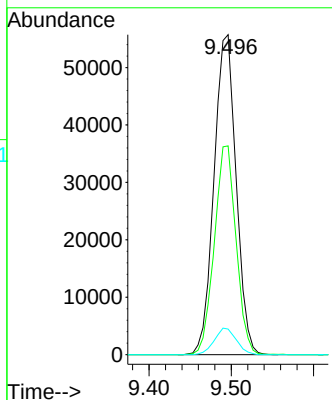
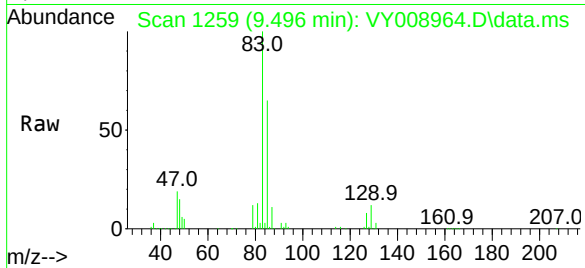




#47
Bromodichloromethane
Concen: 48.507 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

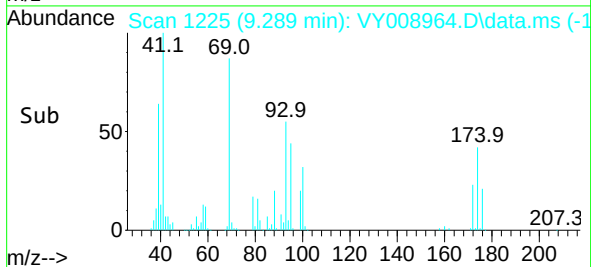
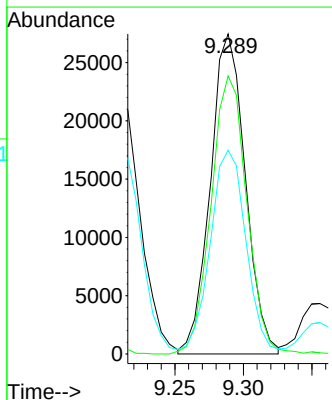
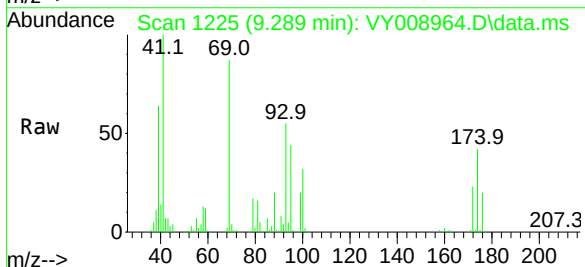
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

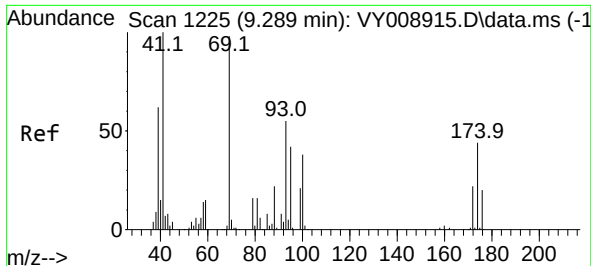
Tgt Ion: 83 Resp: 104214
Ion Ratio Lower Upper
83 100
85 65.3 51.9 77.9
127 8.0 6.6 10.0



#48
Methyl methacrylate
Concen: 52.911 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion: 41 Resp: 48658
Ion Ratio Lower Upper
41 100
69 89.2 58.2 87.2#
39 64.9 47.4 71.0





#49

1,4-Dioxane

Concen: 1006.639 ug/l

RT: 9.295 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

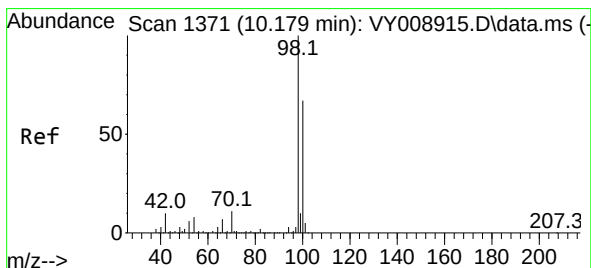
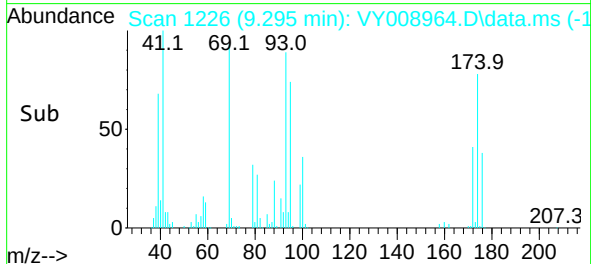
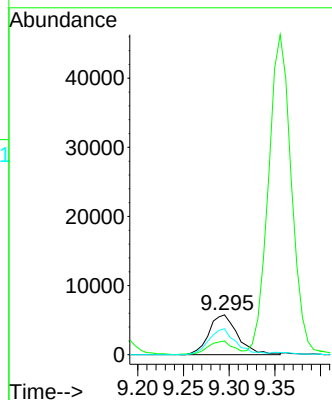
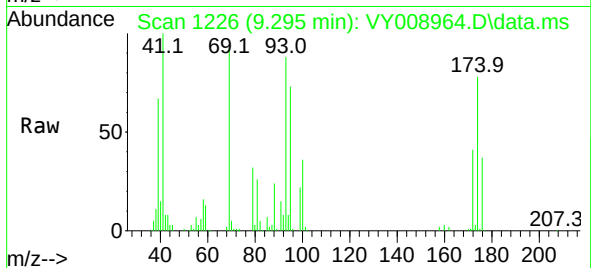
Tgt Ion: 88 Resp: 12650

Ion Ratio Lower Upper

88 100

43 30.2 32.8 49.2#

58 61.3 59.8 89.6



#50

Toluene-d8

Concen: 41.707 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY008964.D

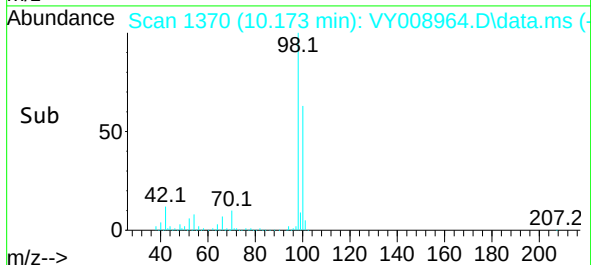
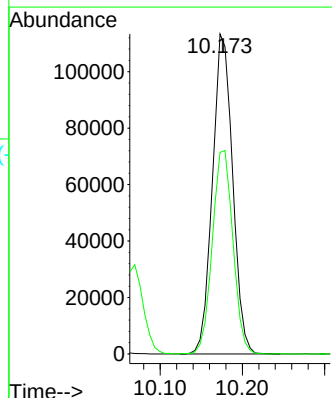
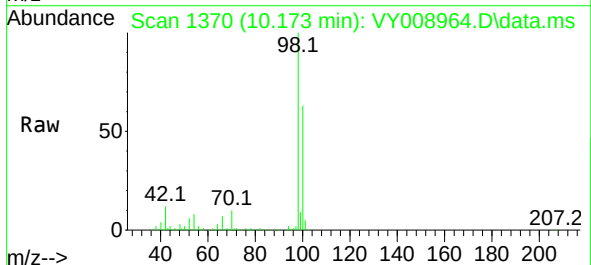
Acq: 21 May 2022 20:52

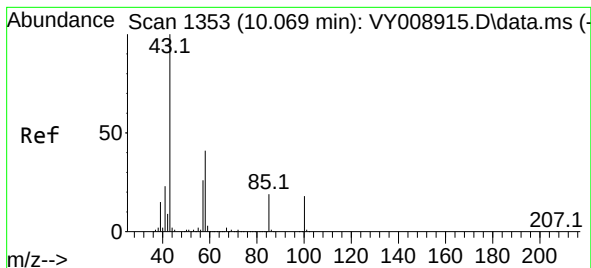
Tgt Ion: 98 Resp: 193049

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2

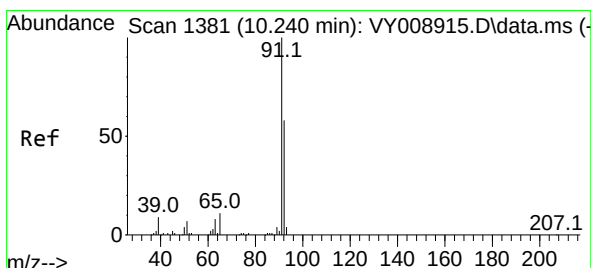
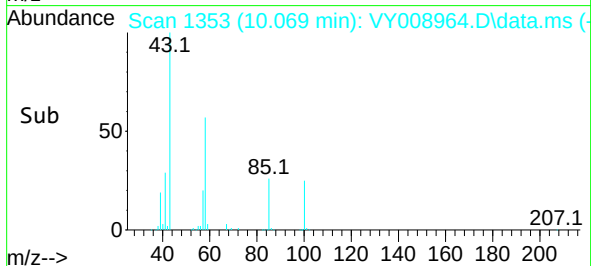
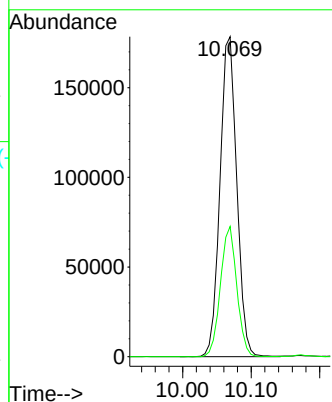
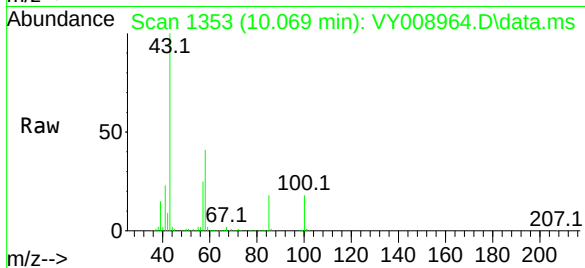




#51
4-Methyl-2-Pentanone
Concen: 264.905 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

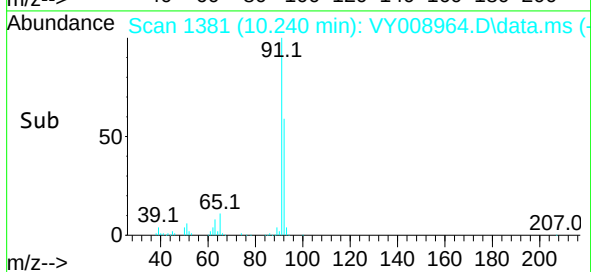
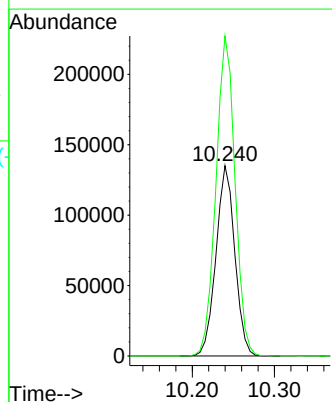
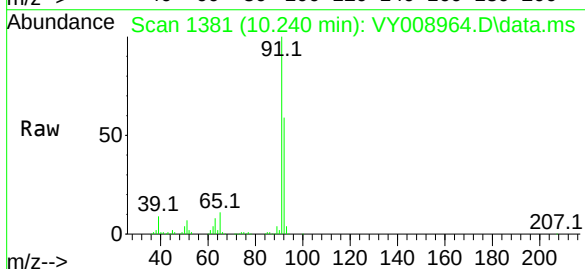
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

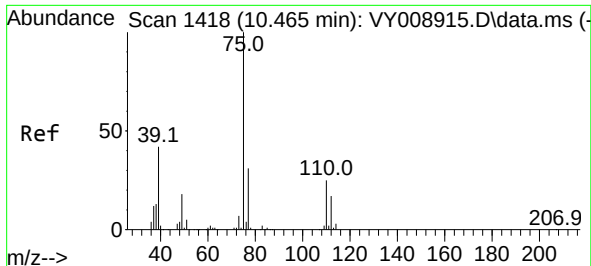
Tgt Ion: 43 Resp: 301934
Ion Ratio Lower Upper
43 100
58 39.7 28.1 42.1



#52
Toluene
Concen: 49.912 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion: 92 Resp: 214764
Ion Ratio Lower Upper
92 100
91 170.8 142.6 213.8

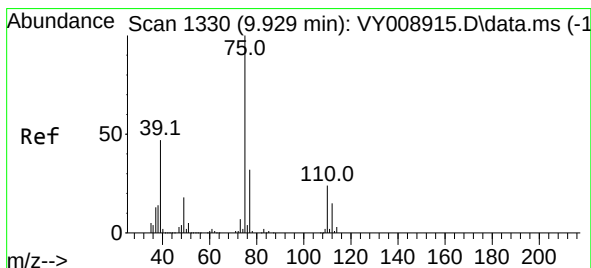
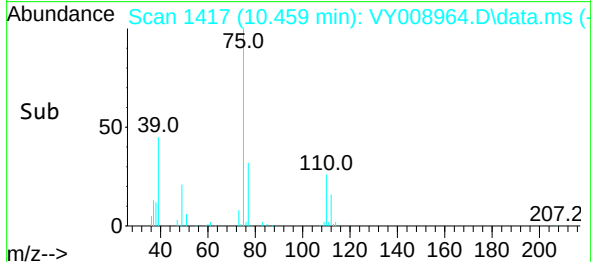
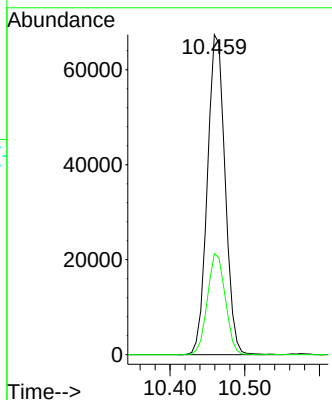
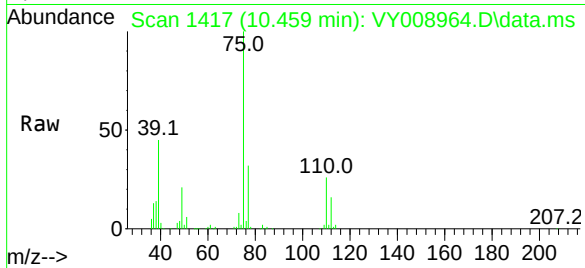




#53
t-1,3-Dichloropropene
Concen: 48.616 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

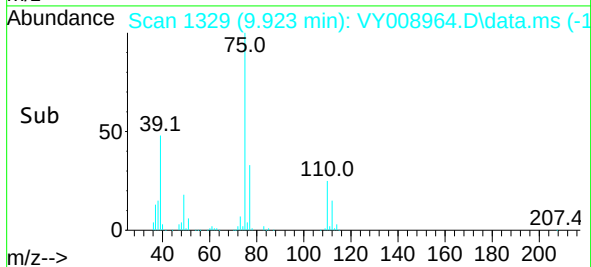
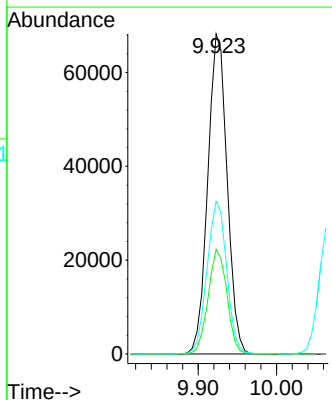
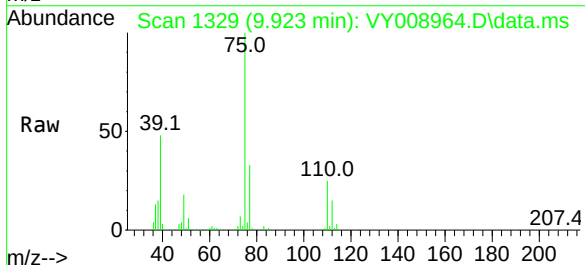
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

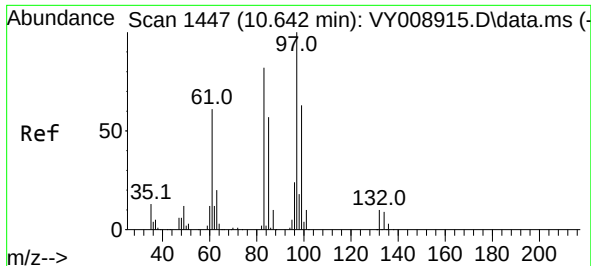
Tgt Ion: 75 Resp: 110916
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 47.598 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion: 75 Resp: 116741
Ion Ratio Lower Upper
75 100
77 32.7 25.6 38.4
39 47.6 47.6 71.4#

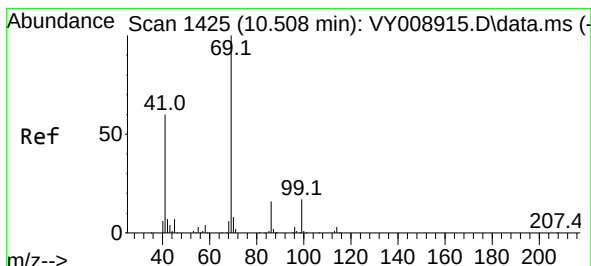
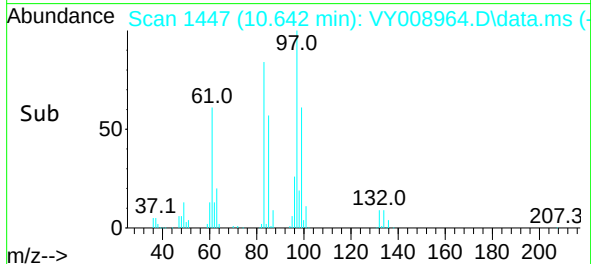
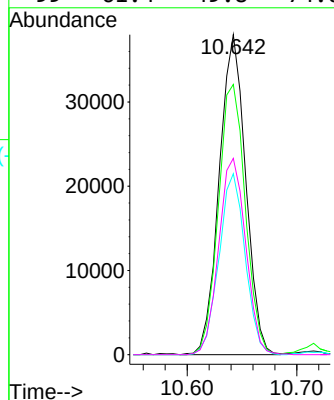
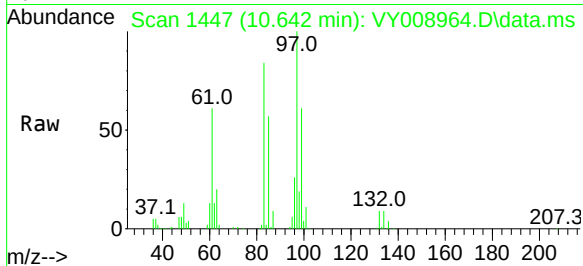




#55
1,1,2-Trichloroethane
Concen: 48.371 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

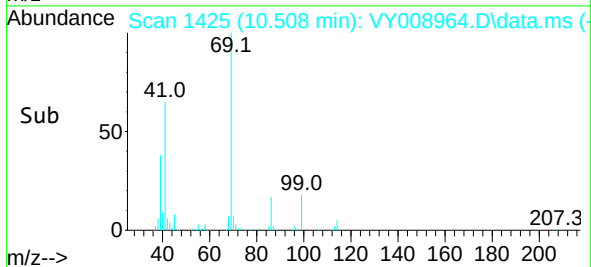
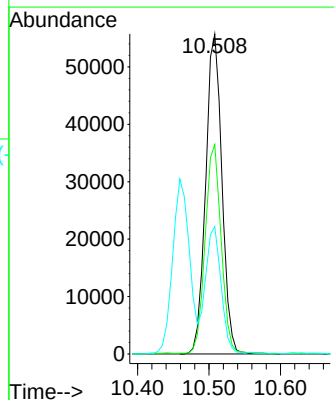
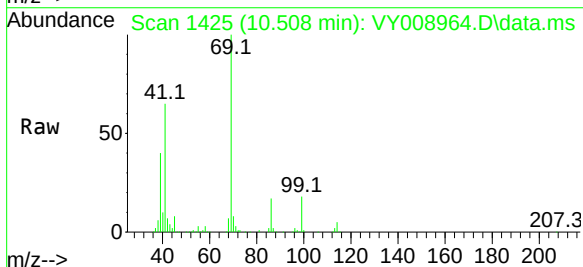
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

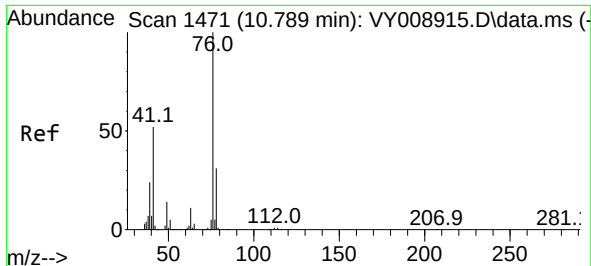
Tgt Ion:	97	Resp:	63617
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.8	104.8
85	56.6	44.3	66.5
99	61.4	49.8	74.6



#56
Ethyl methacrylate
Concen: 52.317 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion:	69	Resp:	87970
Ion	Ratio	Lower	Upper
69	100		
41	64.7	63.4	95.0
39	38.0	35.8	53.8





#57

1,3-Dichloropropane

Concen: 49.840 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

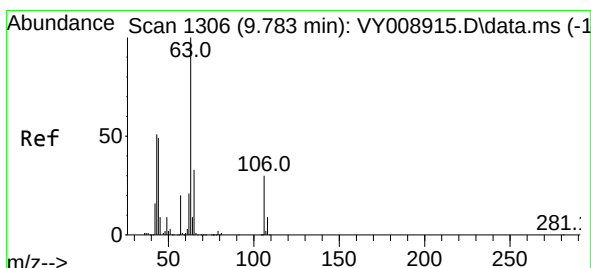
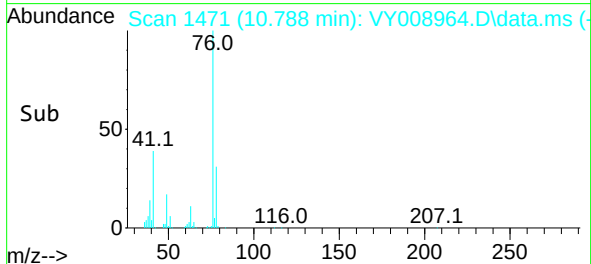
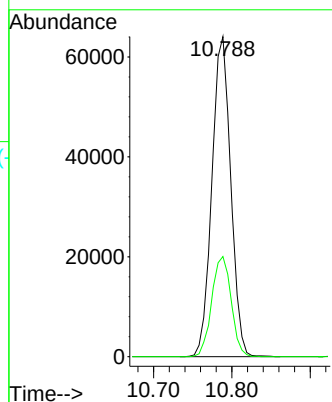
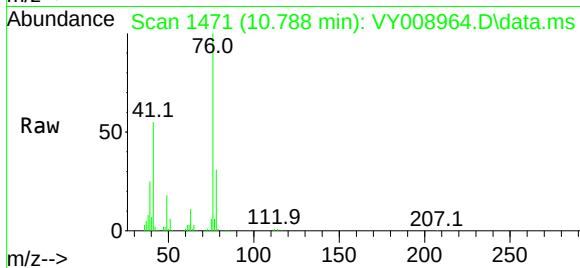
VSTDCCC050EC

Tgt Ion: 76 Resp: 106928

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 260.953 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VY008964.D

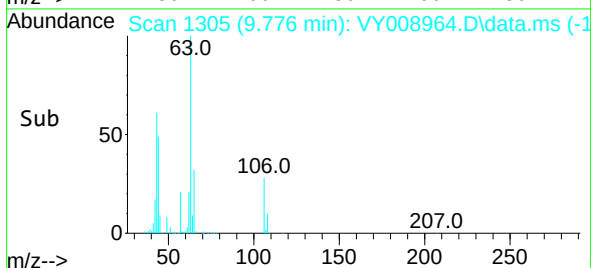
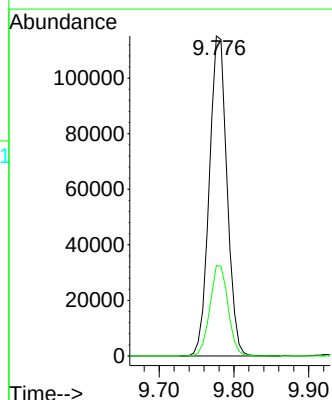
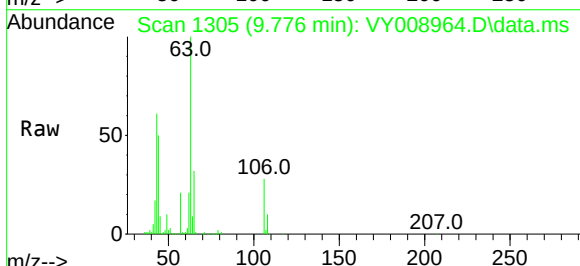
Acq: 21 May 2022 20:52

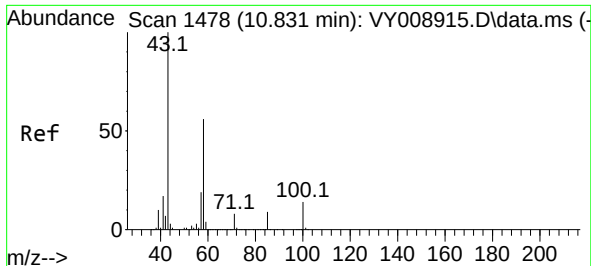
Tgt Ion: 63 Resp: 189832

Ion Ratio Lower Upper

63 100

106 28.9 21.5 32.3

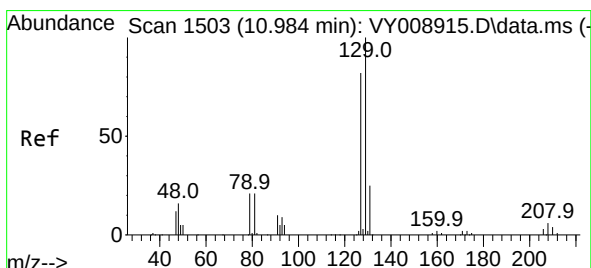
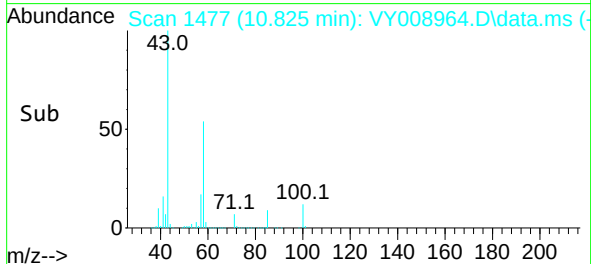
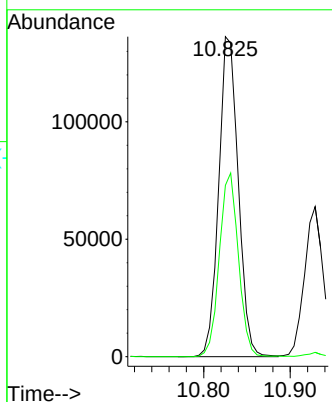
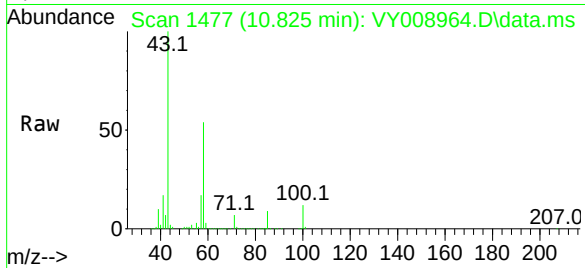




#59
2-Hexanone
Concen: 273.734 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

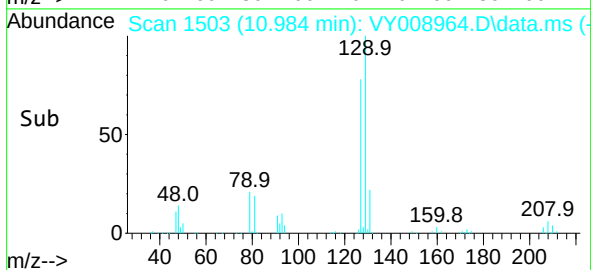
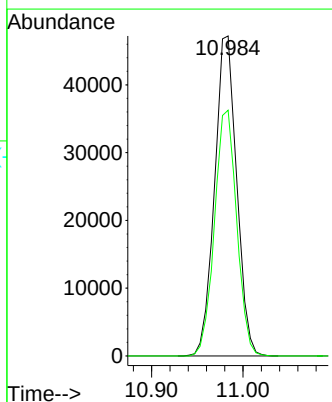
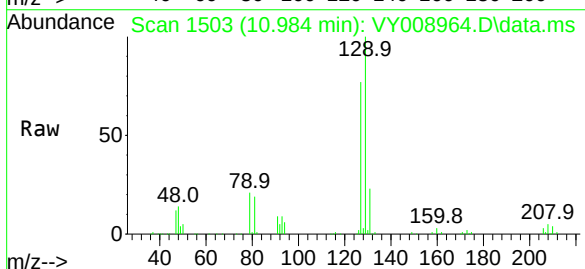
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

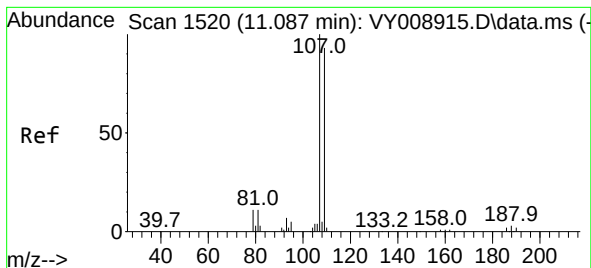
Tgt Ion: 43 Resp: 213616
Ion Ratio Lower Upper
43 100
58 56.0 24.4 73.4



#60
Dibromochloromethane
Concen: 49.751 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion:129 Resp: 79317
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1

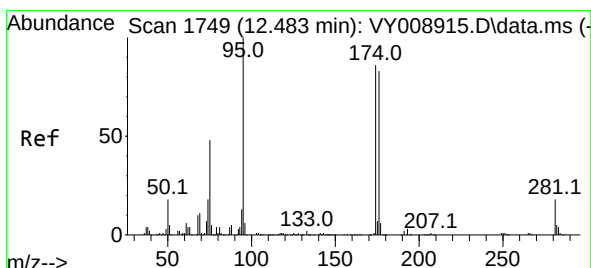
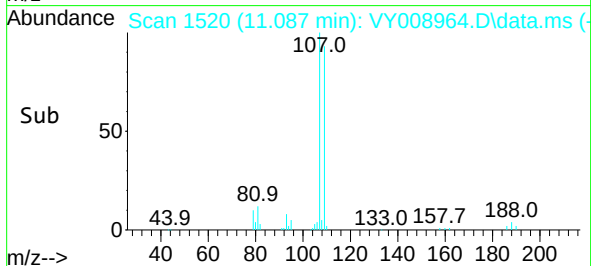
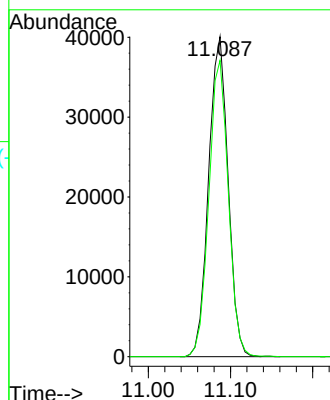
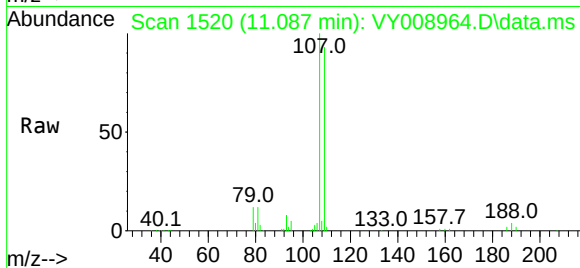




#61
1,2-Dibromoethane
Concen: 50.488 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

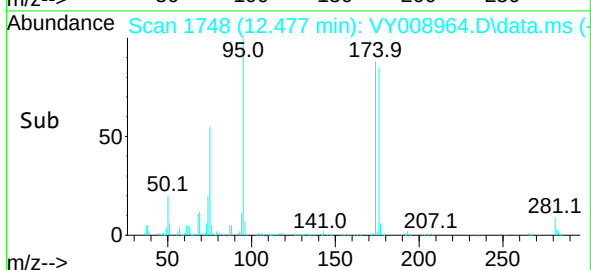
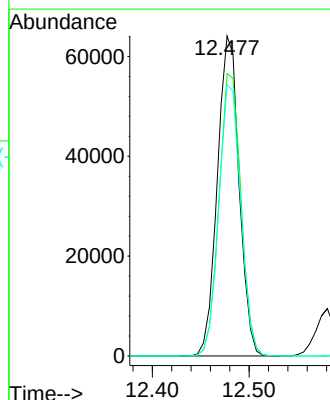
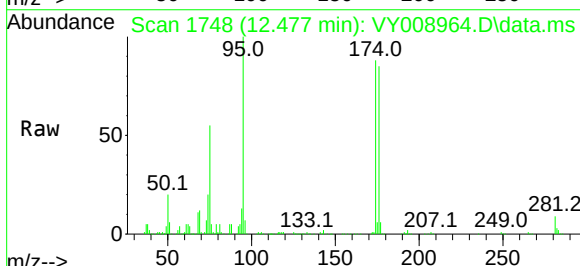
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

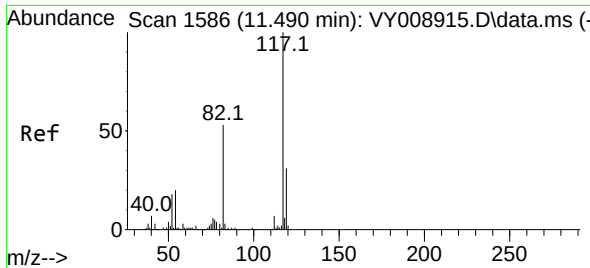
Tgt Ion:107 Resp: 65800
Ion Ratio Lower Upper
107 100
109 92.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 53.475 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion: 95 Resp: 99846
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 85.6 0.0 175.8

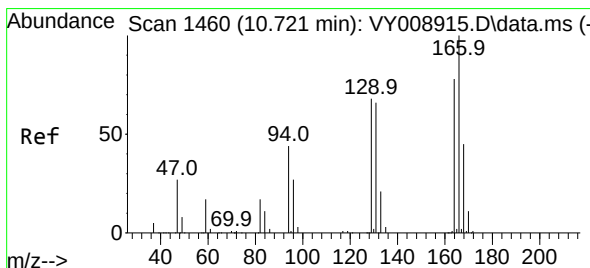
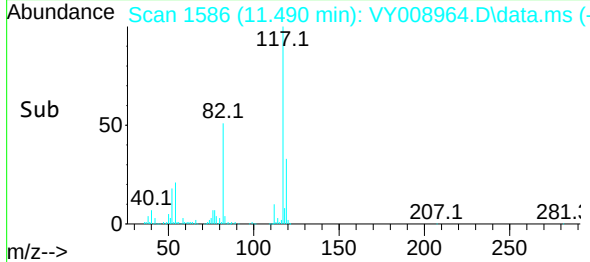
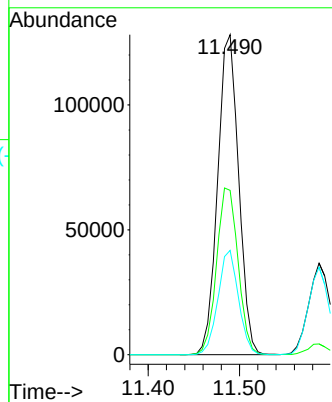
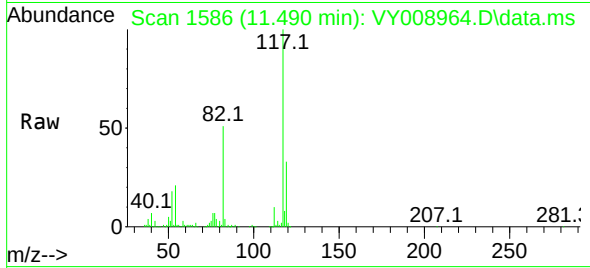




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

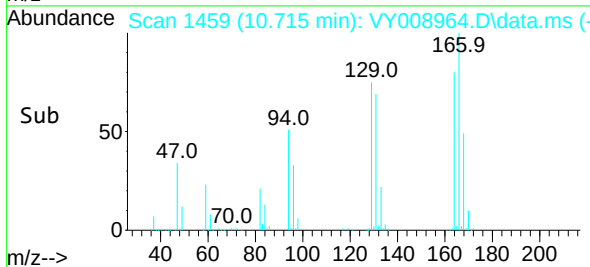
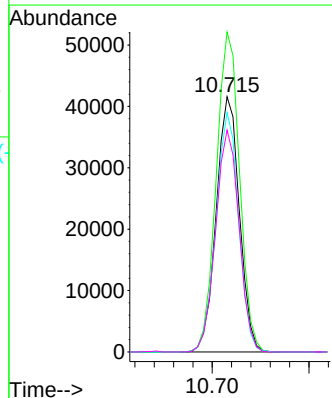
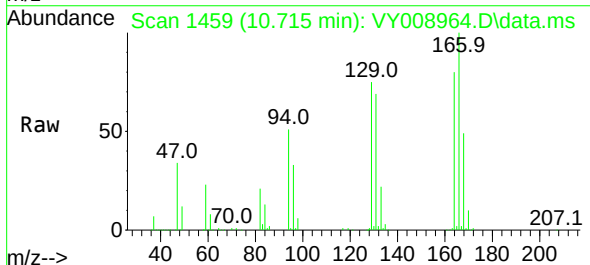
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

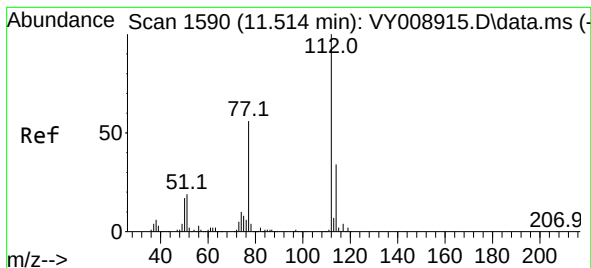
Tgt Ion:117 Resp: 205031
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 46.220 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion:164 Resp: 68976
Ion Ratio Lower Upper
164 100
166 125.4 100.4 150.6
129 93.8 71.4 107.0
131 87.0 70.8 106.2

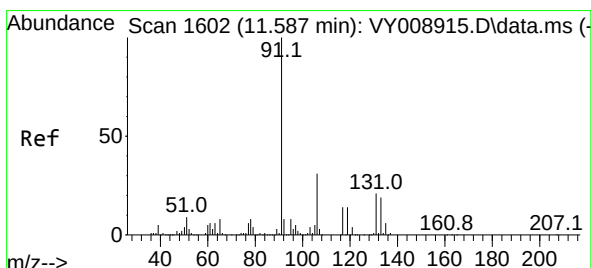
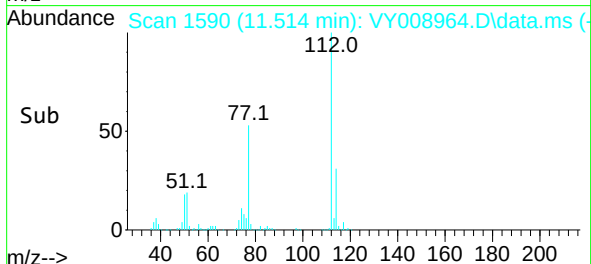
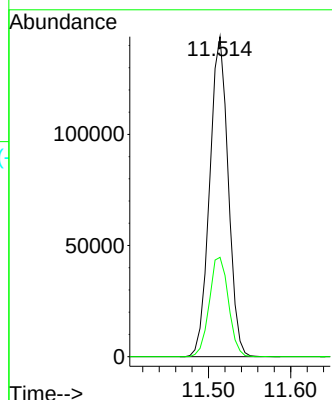
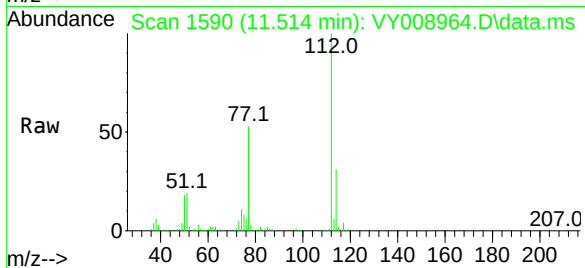




#65
Chlorobenzene
Concen: 47.902 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

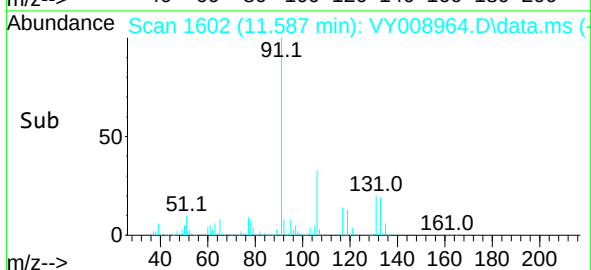
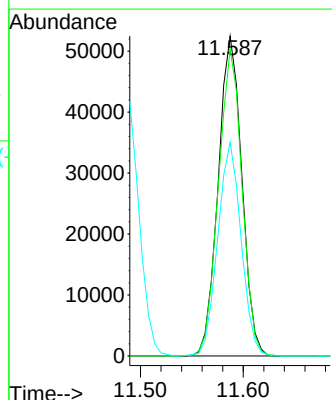
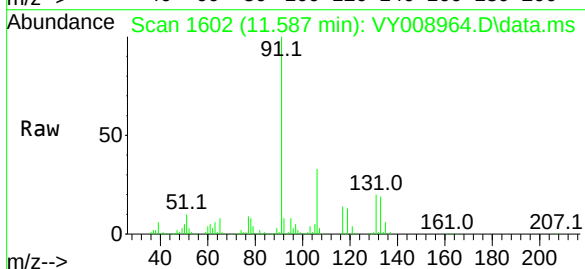
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

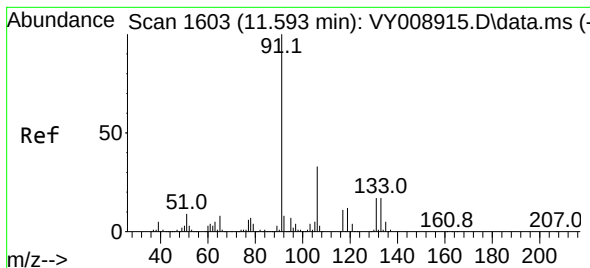
Tgt Ion:112 Resp: 225425
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.547 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion:131 Resp: 83653
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 66.0 30.8 92.3





#67

Ethyl Benzene

Concen: 48.787 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

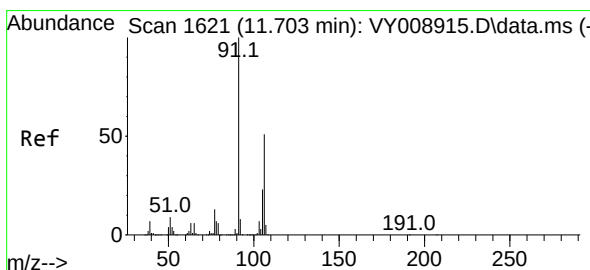
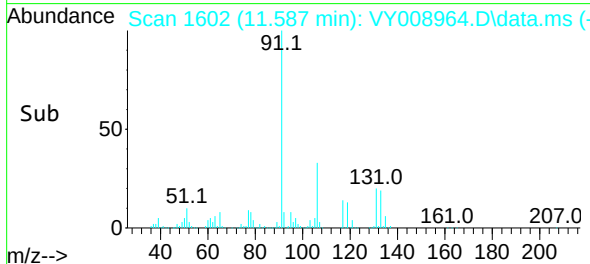
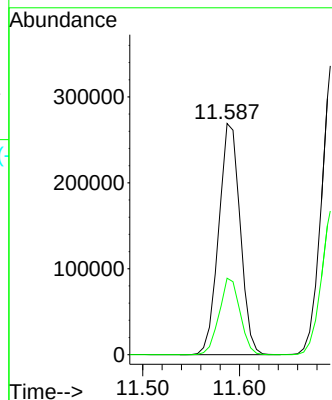
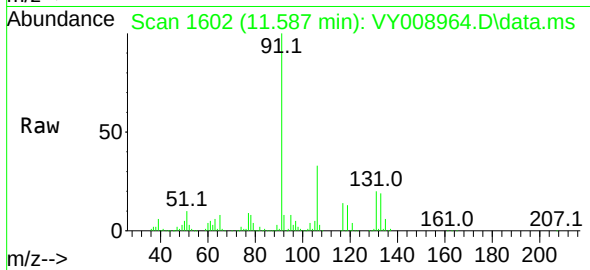
VSTDCCC050EC

Tgt Ion: 91 Resp: 413750

Ion Ratio Lower Upper

91 100

106 33.1 24.5 36.7



#68

m/p-Xylenes

Concen: 96.149 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008964.D

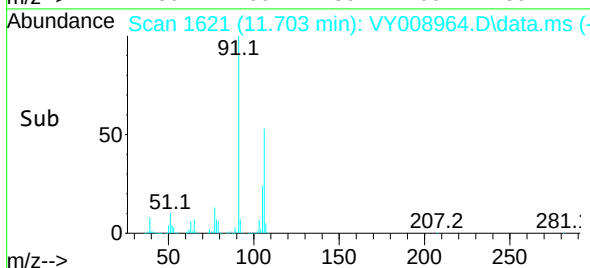
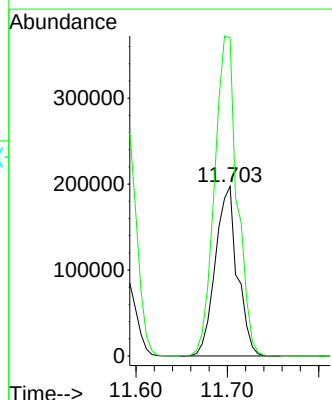
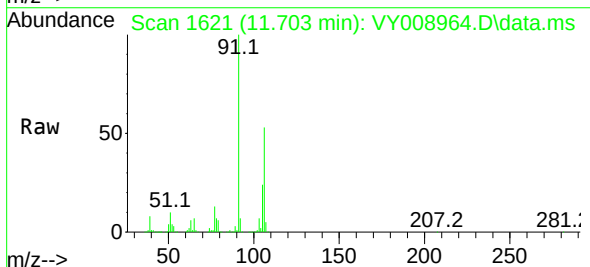
Acq: 21 May 2022 20:52

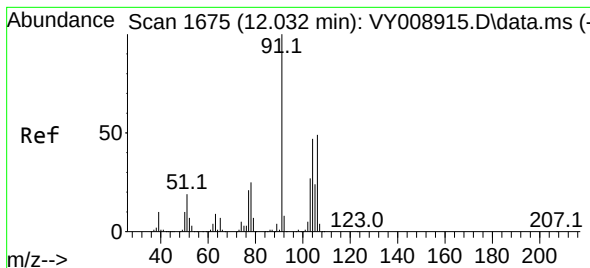
Tgt Ion:106 Resp: 331020

Ion Ratio Lower Upper

106 100

91 194.8 166.6 249.8





#69

o-Xylene

Concen: 51.270 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

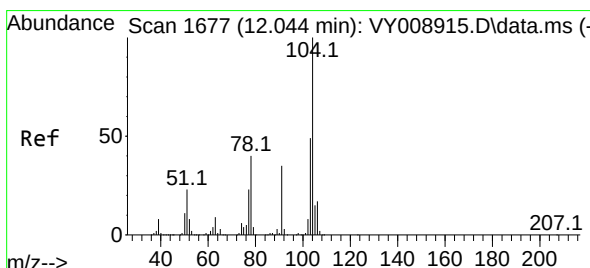
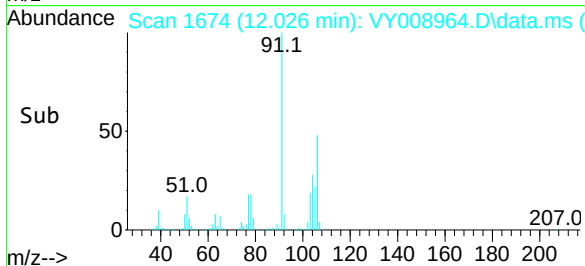
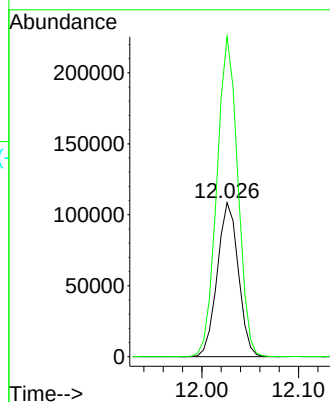
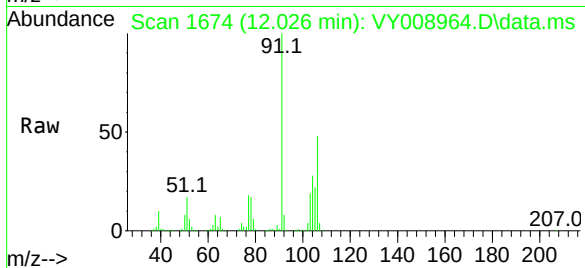
VSTDCCC050EC

Tgt Ion:106 Resp: 163911

Ion Ratio Lower Upper

106 100

91 206.5 110.3 331.0



#70

Styrene

Concen: 52.580 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

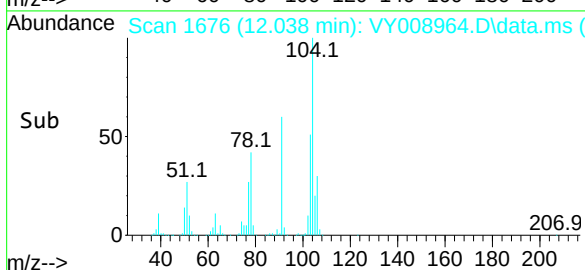
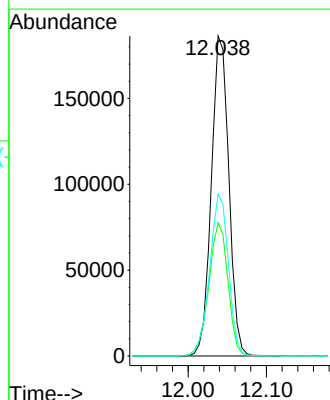
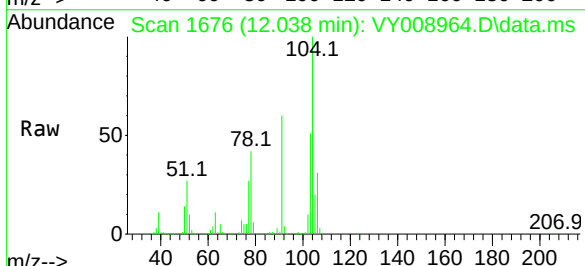
Tgt Ion:104 Resp: 289083

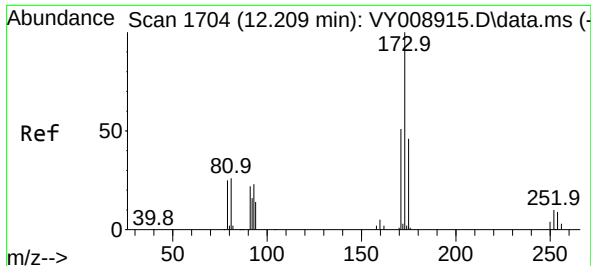
Ion Ratio Lower Upper

104 100

78 45.6 42.4 63.6

103 54.4 44.4 66.6

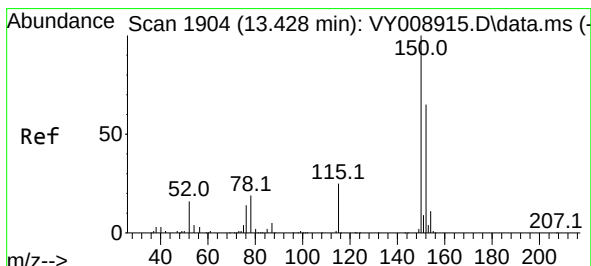
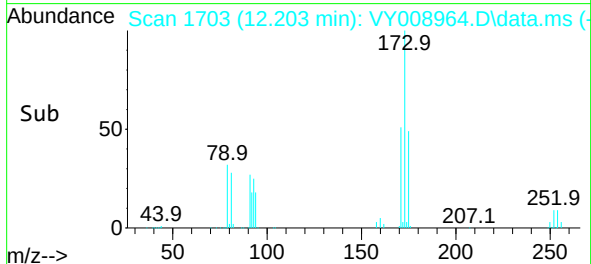
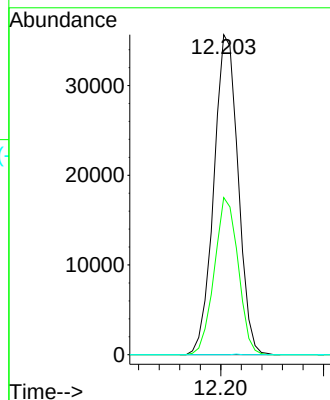
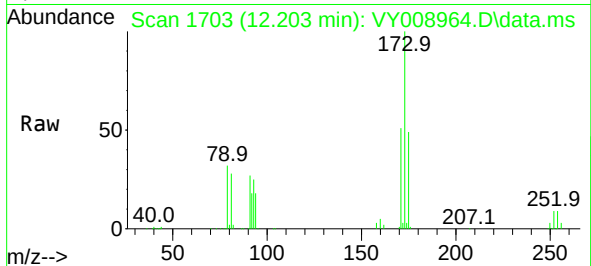




#71
Bromoform
Concen: 51.109 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

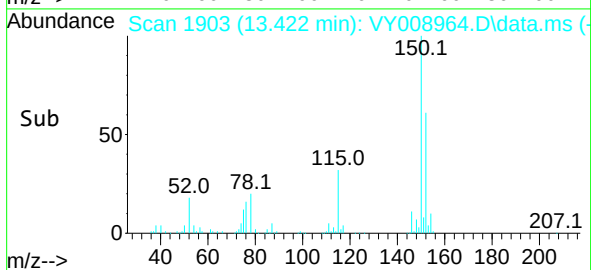
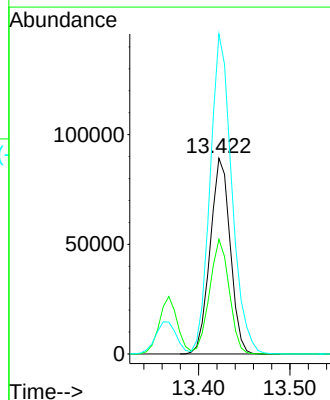
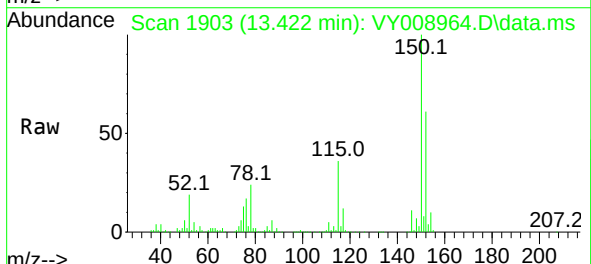
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

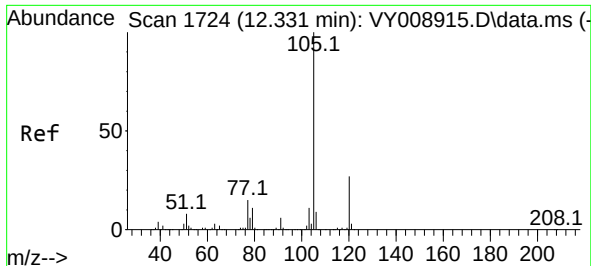
Tgt Ion:173 Resp: 58381
Ion Ratio Lower Upper
173 100
175 48.3 24.6 74.0
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion:152 Resp: 136031
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 176.6 0.0 347.6

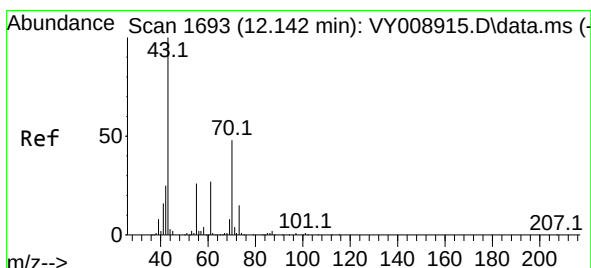
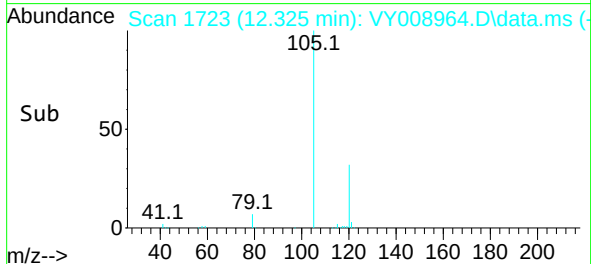
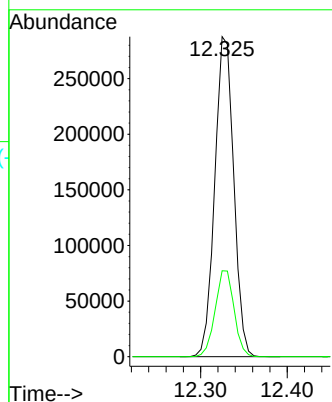
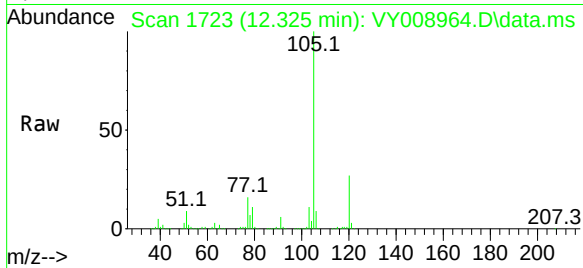




#73
Isopropylbenzene
Concen: 43.003 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

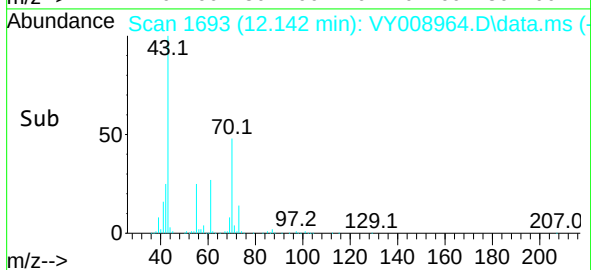
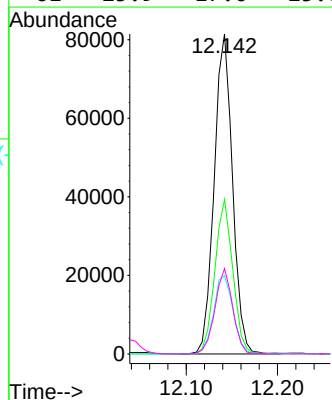
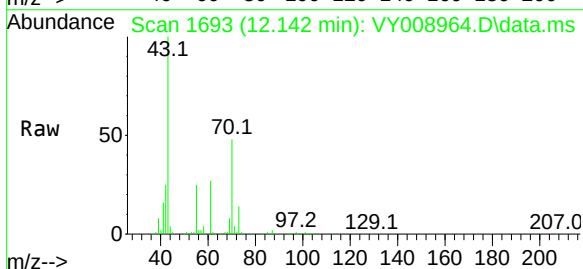
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

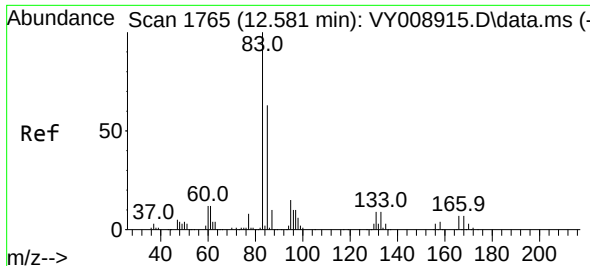
Tgt Ion:105 Resp: 437414
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2



#74
N-ethyl acetate
Concen: 48.512 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion: 43 Resp: 113848
Ion Ratio Lower Upper
43 100
70 47.3 28.7 43.1#
55 26.1 17.3 25.9#
61 25.9 17.0 25.6#

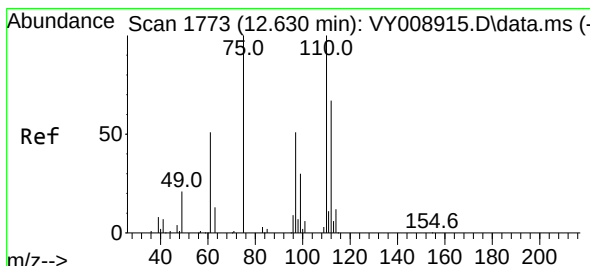
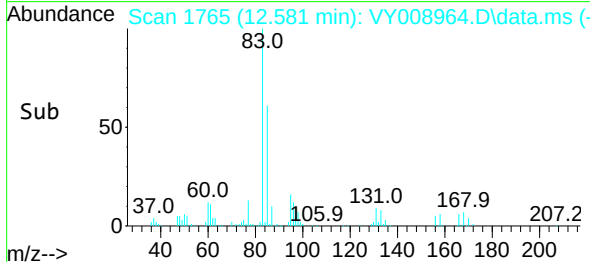
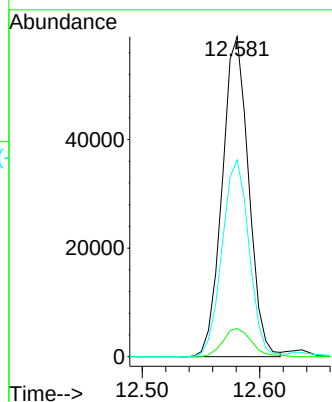
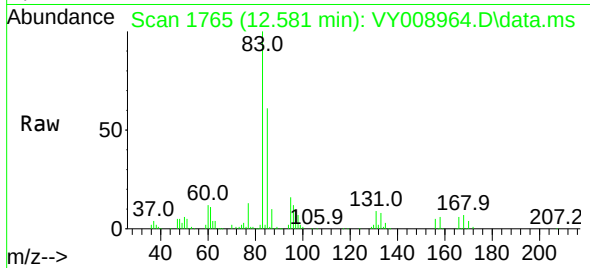




#75
1,1,2,2-Tetrachloroethane
Concen: 43.955 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

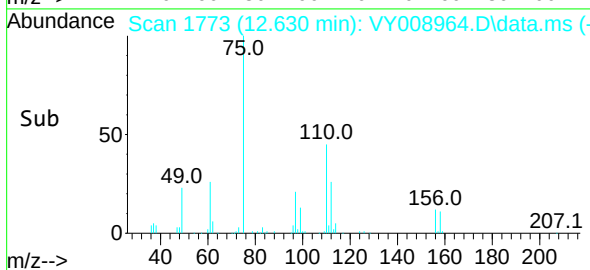
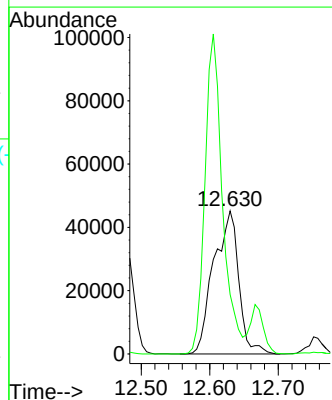
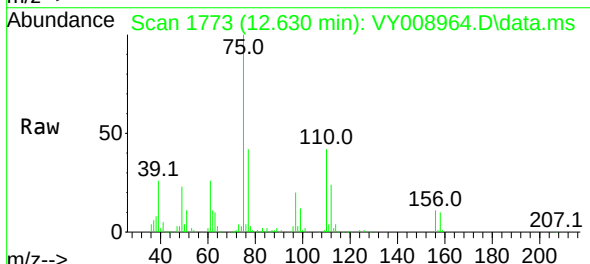
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

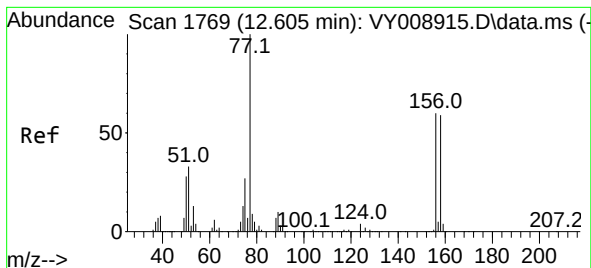
Tgt Ion: 83 Resp: 92100
Ion Ratio Lower Upper
83 100
131 9.6 5.6 16.8
85 62.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 78.563 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion: 75 Resp: 114766
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 42.393 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

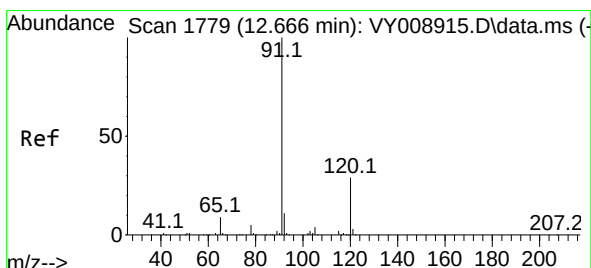
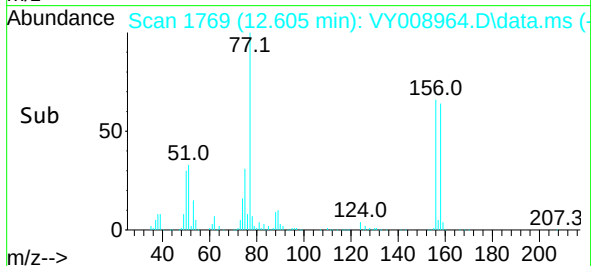
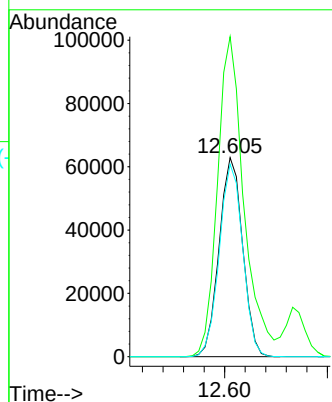
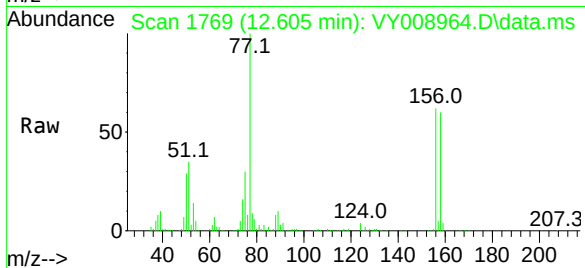
Tgt Ion:156 Resp: 99958

Ion Ratio Lower Upper

156 100

77 179.8 95.5 286.4

158 96.2 48.0 144.0



#78

n-propylbenzene

Concen: 47.362 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY008964.D

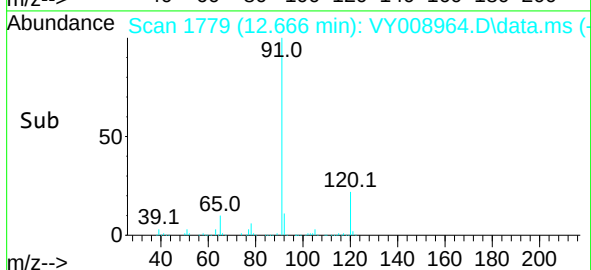
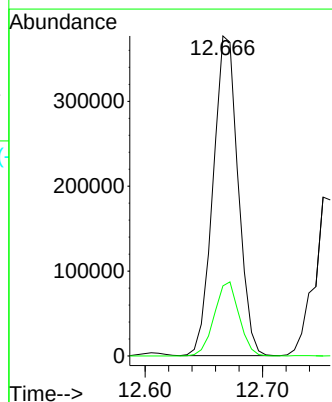
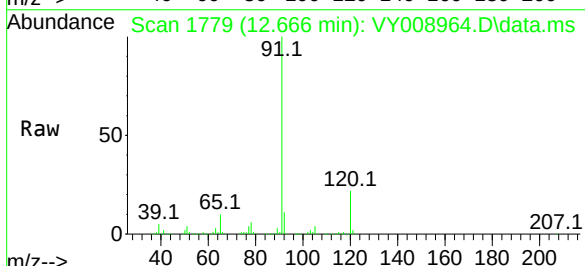
Acq: 21 May 2022 20:52

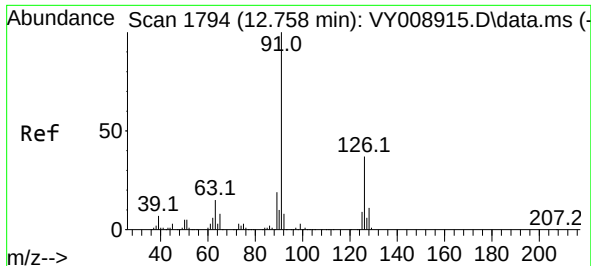
Tgt Ion: 91 Resp: 556586

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.9

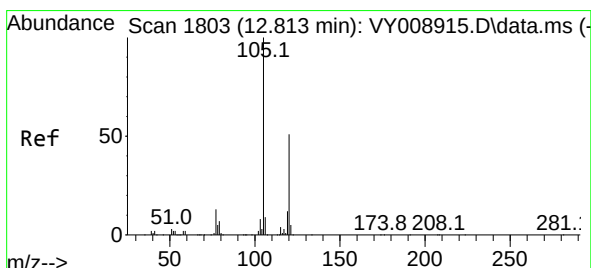
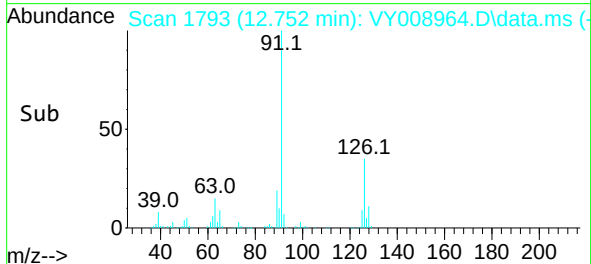
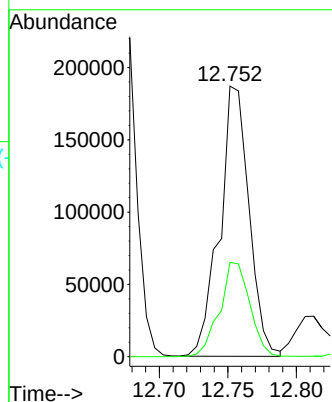
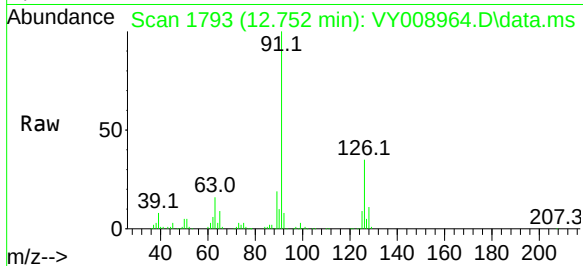




#79
2-Chlorotoluene
Concen: 41.233 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

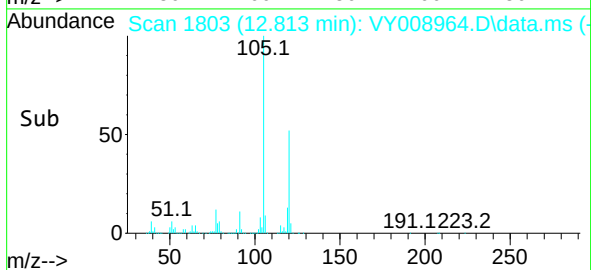
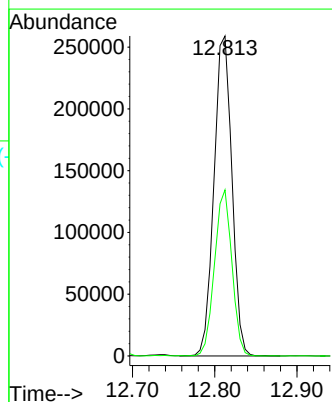
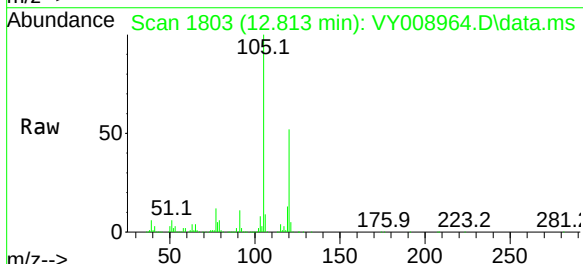
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

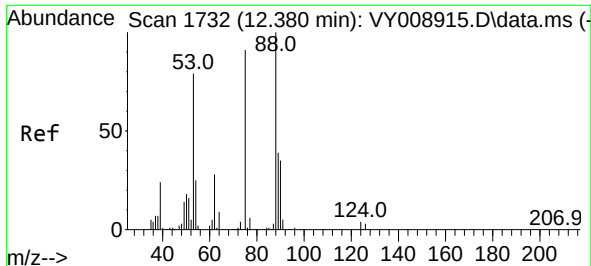
Tgt Ion: 91 Resp: 279505
Ion Ratio Lower Upper
91 100
126 35.9 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 46.040 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion: 105 Resp: 392524
Ion Ratio Lower Upper
105 100
120 50.4 24.4 73.4

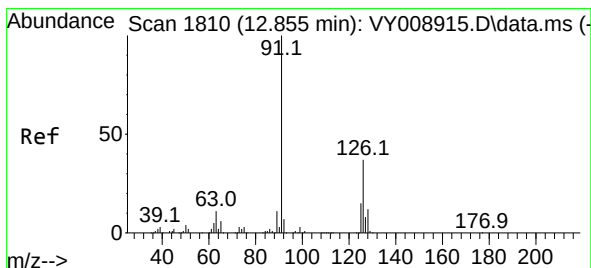
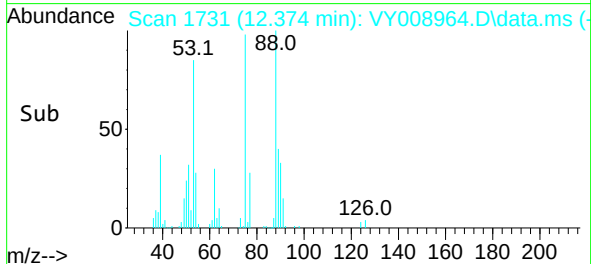
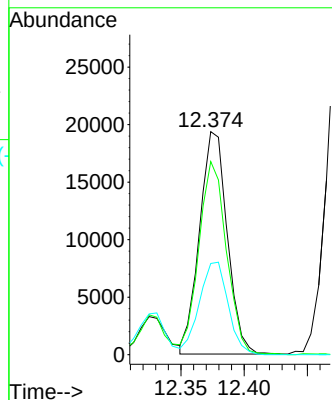
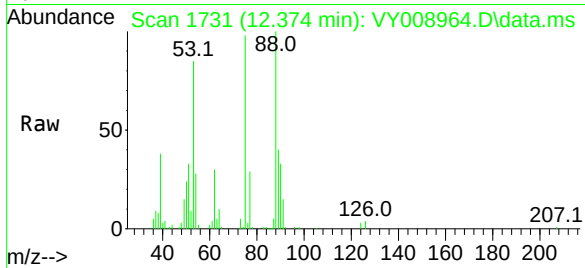




#81
trans-1,4-Dichloro-2-butene
Concen: 41.445 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

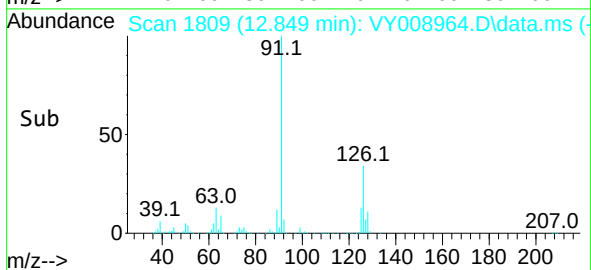
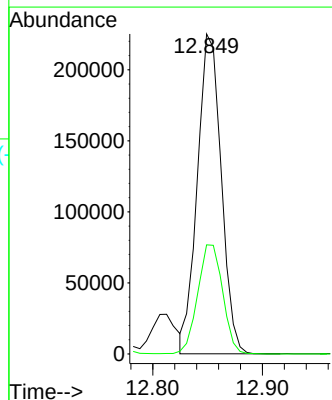
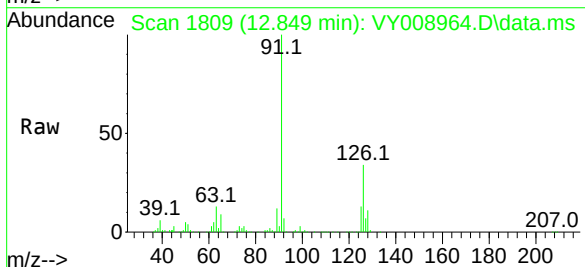
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

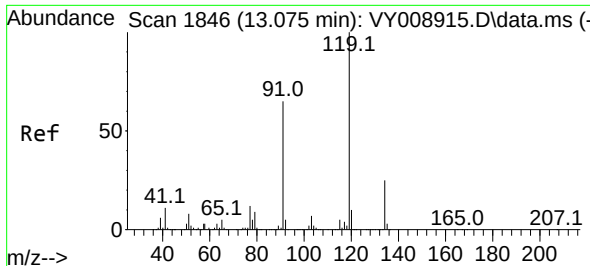
Tgt Ion: 75 Resp: 29497
Ion Ratio Lower Upper
75 100
53 86.7 85.3 127.9
89 43.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 46.979 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion: 91 Resp: 340612
Ion Ratio Lower Upper
91 100
126 35.7 17.0 51.0

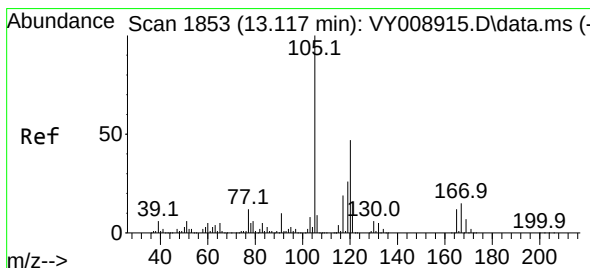
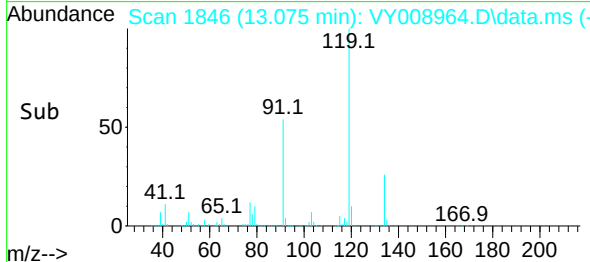
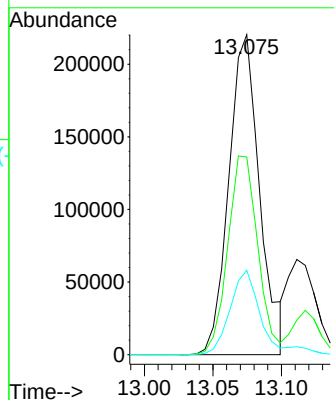
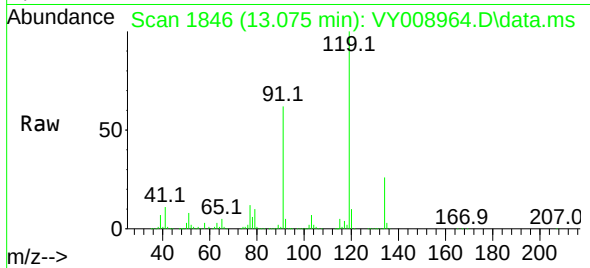




#83
tert-Butylbenzene
Concen: 45.663 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

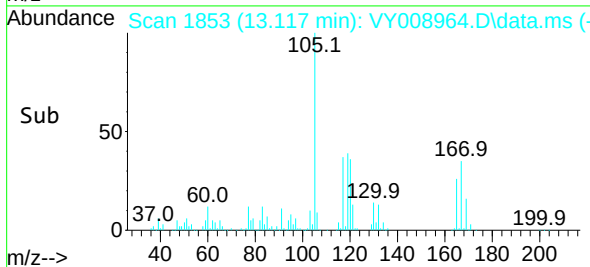
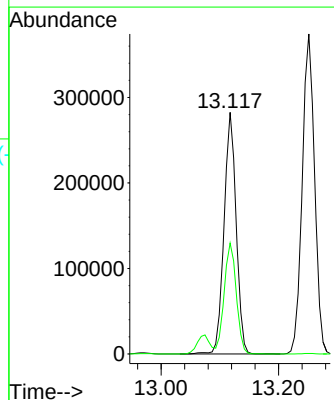
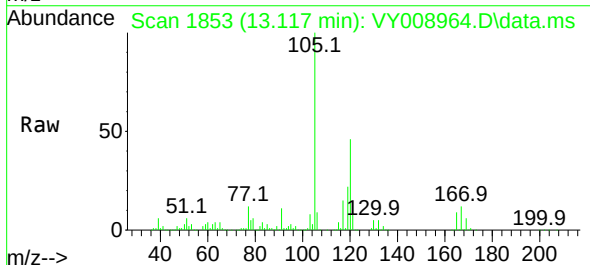
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

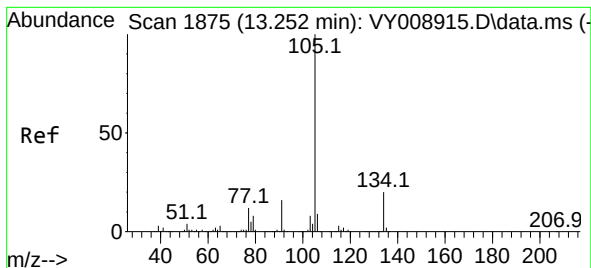
Tgt Ion:119 Resp: 345390
Ion Ratio Lower Upper
119 100
91 60.7 34.8 104.4
134 26.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 47.838 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion:105 Resp: 404872
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 47.020 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.001 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

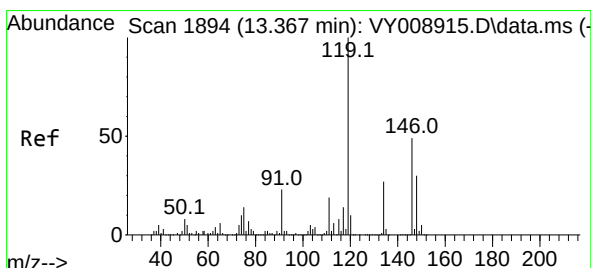
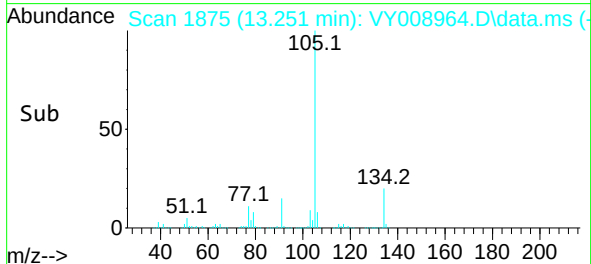
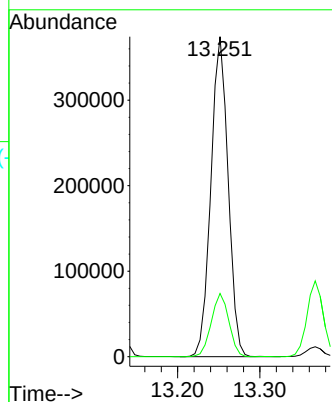
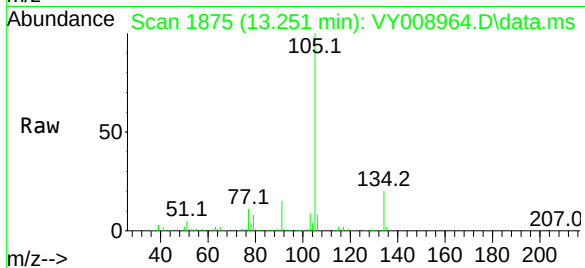
VSTDCCC050EC

Tgt Ion:105 Resp: 544146

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 47.835 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

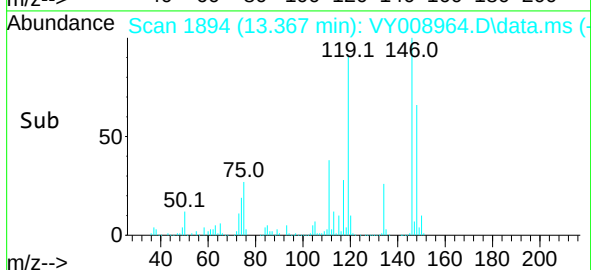
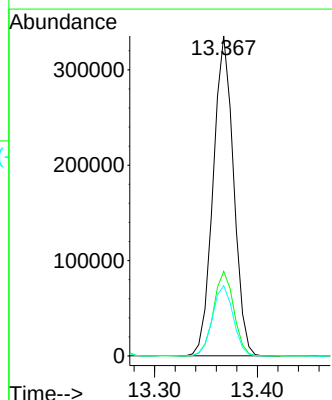
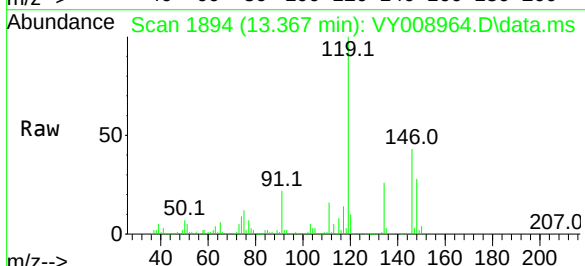
Tgt Ion:119 Resp: 461637

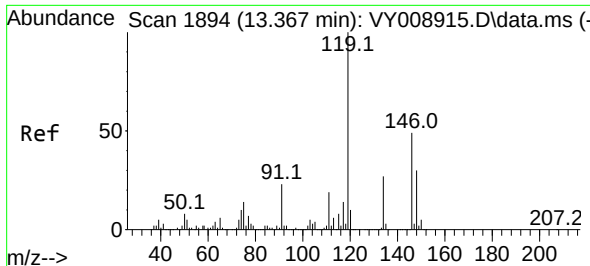
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 22.3 12.4 37.2

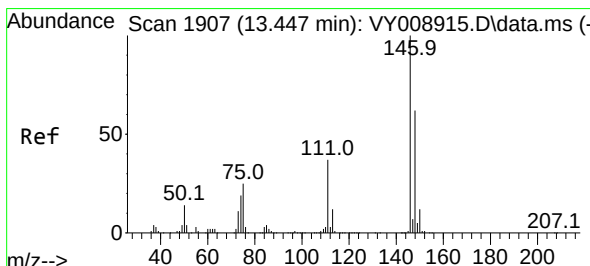
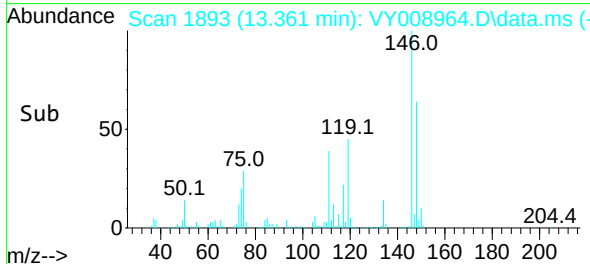
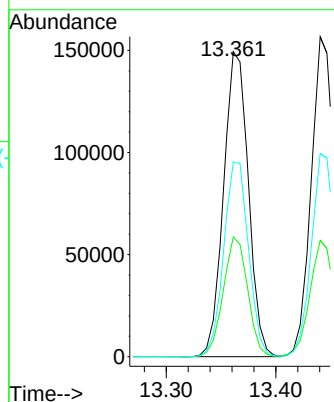
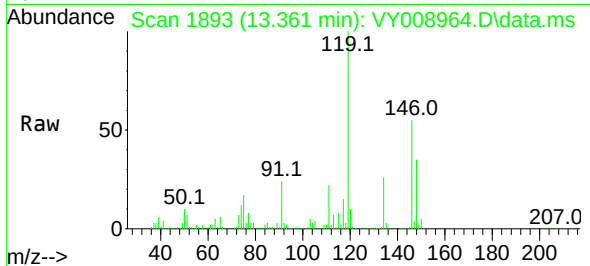




#87
 1,3-Dichlorobenzene
 Concen: 46.663 ug/l
 RT: 13.361 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY008964.D
 Acq: 21 May 2022 20:52

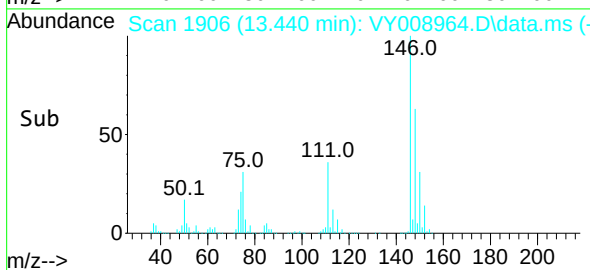
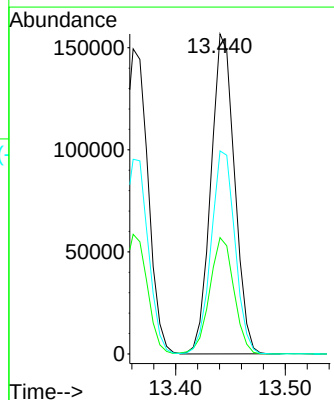
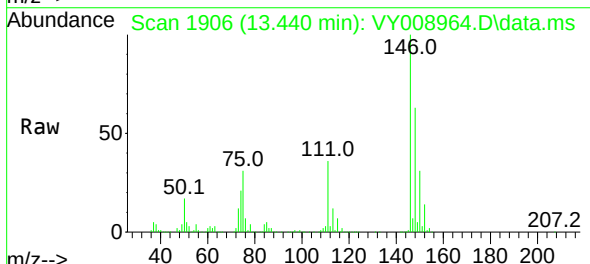
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

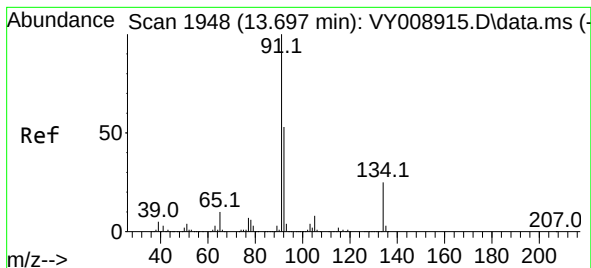
Tgt Ion:146 Resp: 234701
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.5 58.5
 148 63.9 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 46.554 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. -0.007 min
 Lab File: VY008964.D
 Acq: 21 May 2022 20:52

Tgt Ion:146 Resp: 235249
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.3 57.8
 148 64.2 32.6 97.8





#89

n-Butylbenzene

Concen: 47.745 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

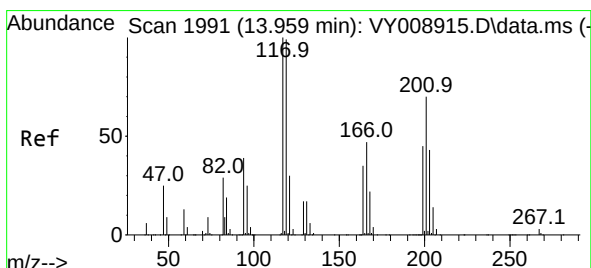
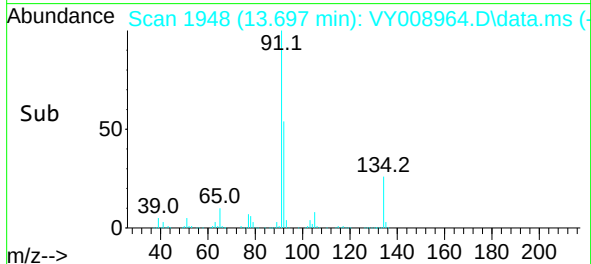
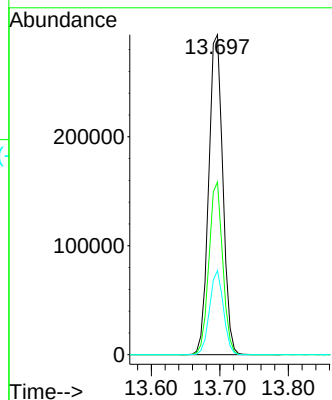
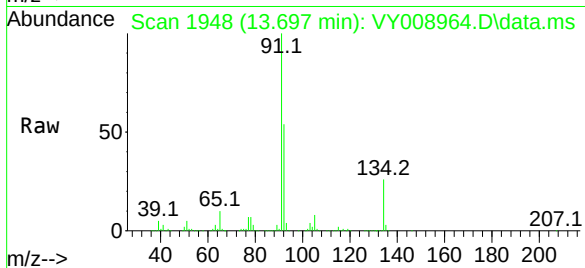
Tgt Ion: 91 Resp: 421529

Ion Ratio Lower Upper

91 100

92 52.7 26.3 78.9

134 25.7 13.0 38.9



#90

Hexachloroethane

Concen: 45.126 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY008964.D

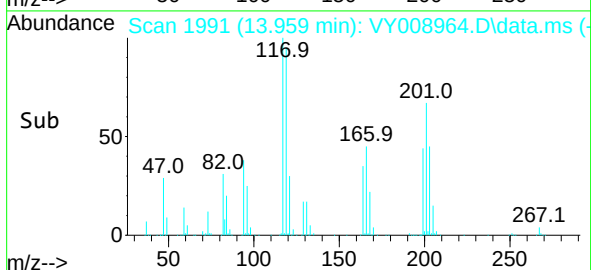
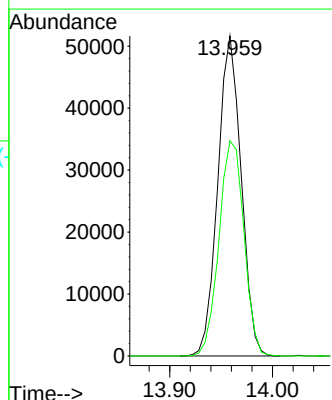
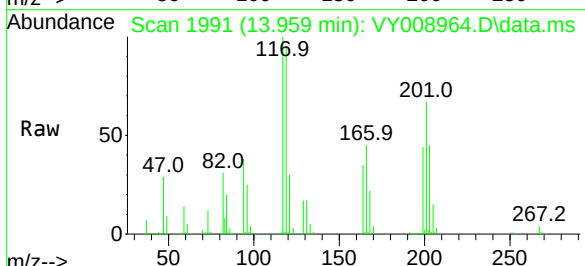
Acq: 21 May 2022 20:52

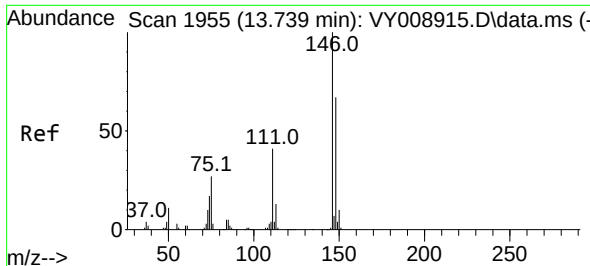
Tgt Ion: 117 Resp: 81610

Ion Ratio Lower Upper

117 100

201 71.8 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 47.435 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

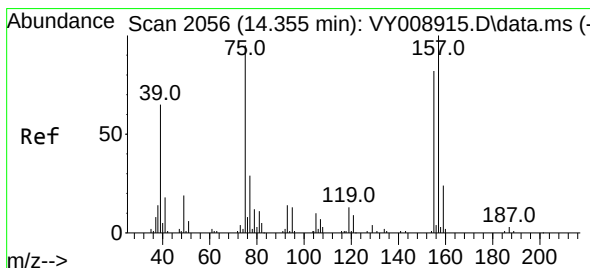
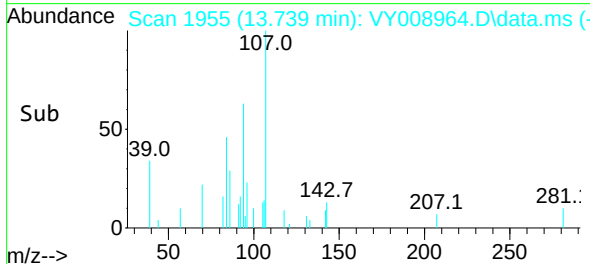
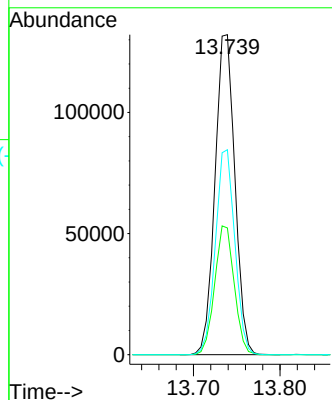
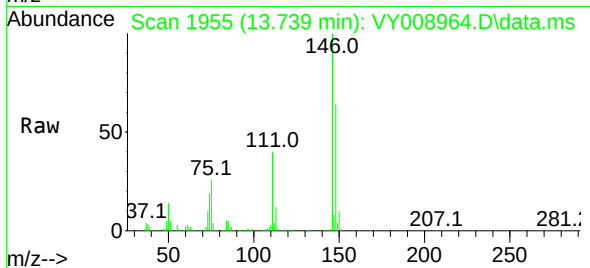
Tgt Ion:146 Resp: 210605

Ion Ratio Lower Upper

146 100

111 39.5 20.3 60.9

148 62.7 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.714 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

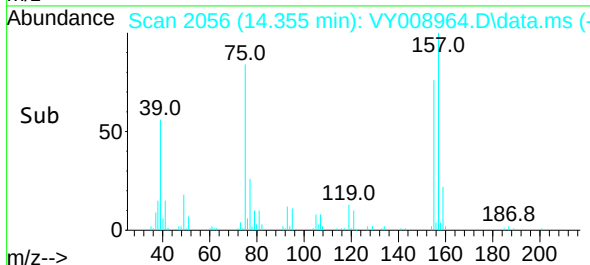
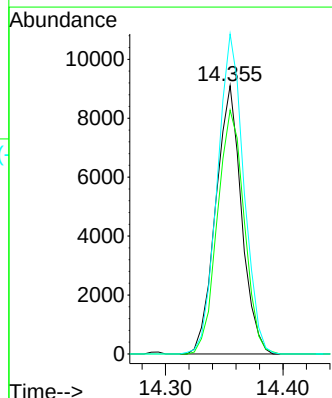
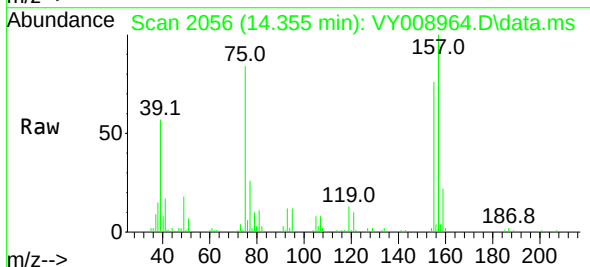
Tgt Ion: 75 Resp: 13895

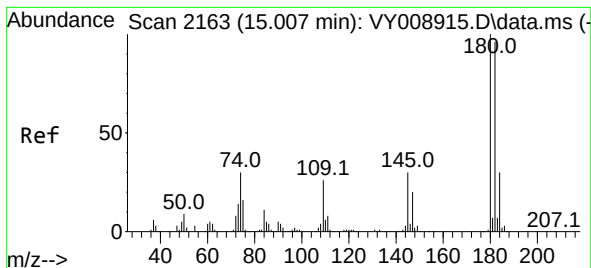
Ion Ratio Lower Upper

75 100

155 94.2 38.0 113.9

157 122.1 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 43.119 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

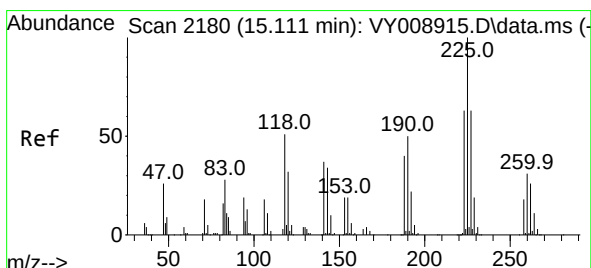
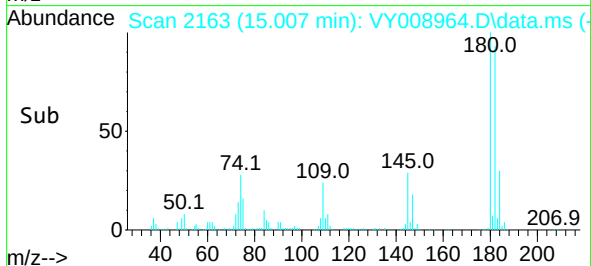
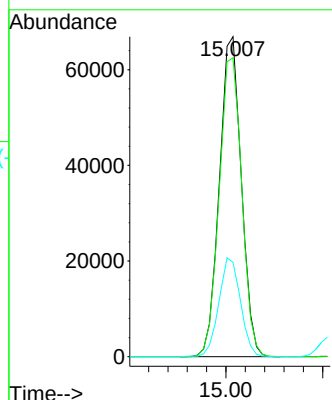
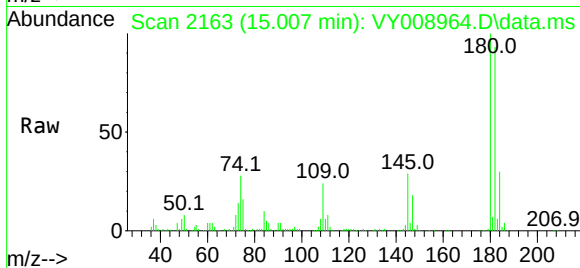
Tgt Ion:180 Resp: 105068

Ion Ratio Lower Upper

180 100

182 96.3 47.3 141.9

145 30.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 42.785 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY008964.D

Acq: 21 May 2022 20:52

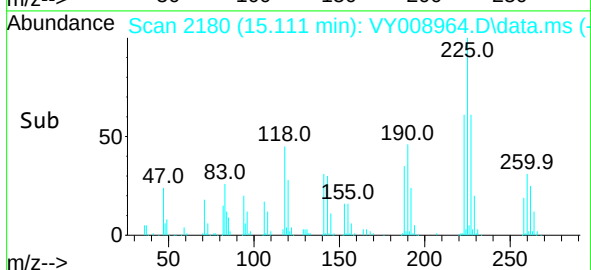
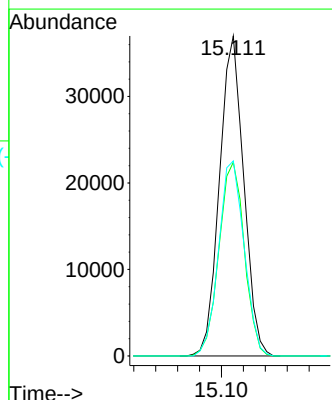
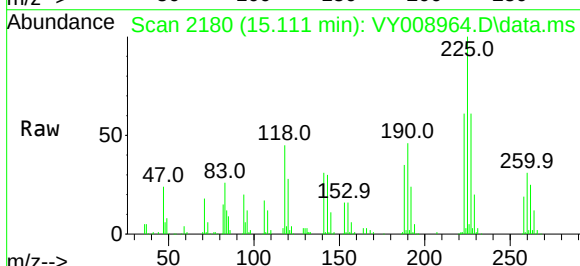
Tgt Ion:225 Resp: 56822

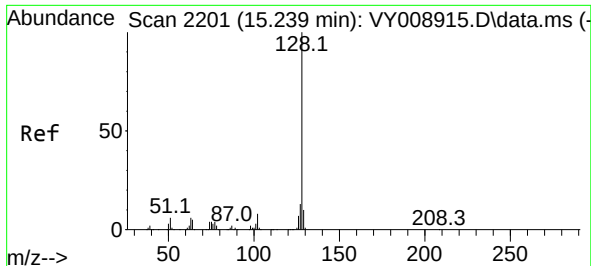
Ion Ratio Lower Upper

225 100

223 63.3 30.8 92.3

227 64.1 31.6 94.7

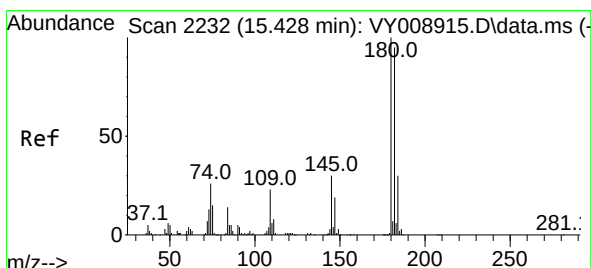
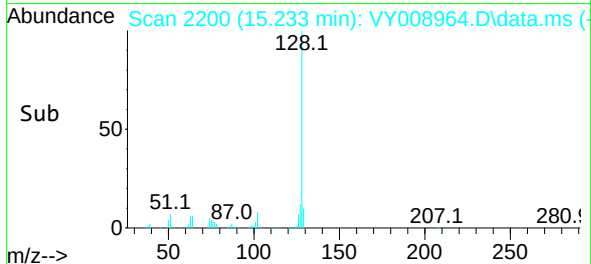
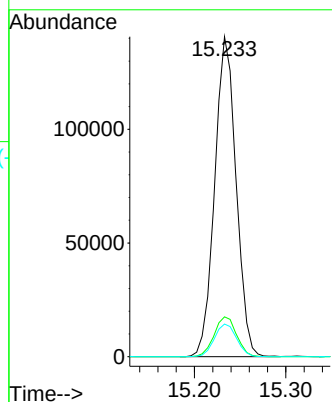
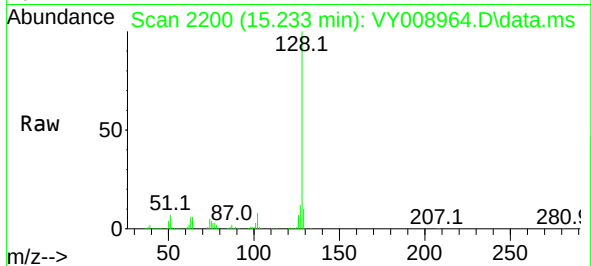




#95
Naphthalene
Concen: 46.747 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 228829
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 10.6 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 44.073 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY008964.D
Acq: 21 May 2022 20:52

Tgt Ion:180 Resp: 93322
Ion Ratio Lower Upper
180 100
182 94.1 47.3 141.9
145 30.4 15.3 45.9

