

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008857.D
 Acq On : 19 May 2022 10:35
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 19 16:56:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	164673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	271018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	269881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77451	50.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.400%
35) Dibromofluoromethane	7.716	113	73981	46.720	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.440%
50) Toluene-d8	10.179	98	320474	45.814	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.620%
62) 4-Bromofluorobenzene	12.483	95	123418	49.195	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	54544	53.706	ug/l	100
3) Chloromethane	2.113	50	83151	57.364	ug/l	97
4) Vinyl Chloride	2.247	62	123850	56.495	ug/l	99
5) Bromomethane	2.644	94	102631	53.532	ug/l	100
6) Chloroethane	2.790	64	90803	53.790	ug/l	100
7) Trichlorofluoromethane	3.125	101	114801	52.264	ug/l	92
8) Diethyl Ether	3.528	74	37583	51.510	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.893	101	76222	56.803	ug/l	92
10) Methyl Iodide	4.088	142	79105	46.367	ug/l	92
11) Tert butyl alcohol	4.942	59	36109	213.865	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	66033	47.258	ug/l	81
13) Acrolein	3.735	56	9822	117.594	ug/l	97
14) Allyl chloride	4.473	41	104484	50.835	ug/l #	90
15) Acrylonitrile	5.161	53	107766	217.810	ug/l	99
16) Acetone	3.942	43	79882	232.512	ug/l	93
17) Carbon Disulfide	4.192	76	180386	50.349	ug/l	99
18) Methyl Acetate	4.473	43	47197	42.826	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	212002	56.334	ug/l	95
20) Methylene Chloride	4.710	84	80432	51.249	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	84362	49.240	ug/l	85
22) Diisopropyl ether	6.112	45	265732	61.050	ug/l	95
23) Vinyl Acetate	6.058	43	873096	284.488	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	152846	52.921	ug/l	97
25) 2-Butanone	6.978	43	144965	226.117	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	145141	52.873	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	101325	53.321	ug/l	88
28) Bromochloromethane	7.326	49	53946	49.266	ug/l #	86
29) Tetrahydrofuran	7.344	42	96999	227.123	ug/l #	84
30) Chloroform	7.502	83	169808	54.836	ug/l	97
31) Cyclohexane	7.783	56	132992	55.448	ug/l #	84
32) 1,1,1-Trichloroethane	7.698	97	153802	53.570	ug/l	97
36) 1,1-Dichloropropene	7.917	75	126875	50.026	ug/l	97
37) Ethyl Acetate	7.070	43	64652	42.778	ug/l #	95
38) Carbon Tetrachloride	7.899	117	138545	50.973	ug/l	99
39) Methylcyclohexane	9.179	83	160778	53.456	ug/l	90
40) Benzene	8.161	78	374370	52.755	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	91326	114.903	ug/l #	41
42) 1,2-Dichloroethane	8.234	62	110956	53.265	ug/l	93
43) Isopropyl Acetate	8.271	43	130013	51.675	ug/l #	91
44) Trichloroethene	8.935	130	99040	51.305	ug/l	95
45) 1,2-Dichloropropane	9.216	63	95452	56.596	ug/l	96
46) Dibromomethane	9.307	93	59202	53.420	ug/l	95
47) Bromodichloromethane	9.496	83	138689	56.451	ug/l	99
48) Methyl methacrylate	9.289	41	57879	52.392	ug/l #	84
49) 1,4-Dioxane	9.289	88	15641	939.623	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	370873	249.698	ug/l	90
52) Toluene	10.246	92	274323	56.888	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	150996	59.170	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	157195	57.124	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	86990	57.723	ug/l	95
56) Ethyl methacrylate	10.508	69	112428	61.490	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	140806	56.823	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	243834	261.522	ug/l	95
59) 2-Hexanone	10.831	43	261837	246.726	ug/l	88
60) Dibromochloromethane	10.984	129	105798	58.480	ug/l	99
61) 1,2-Dibromoethane	11.087	107	82729	55.047	ug/l	100
64) Tetrachloroethene	10.721	164	87963	50.917	ug/l	97
65) Chlorobenzene	11.514	112	294958	54.001	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	113639	56.948	ug/l	97
67) Ethyl Benzene	11.593	91	550096	56.395	ug/l	97
68) m/p-Xylenes	11.703	106	461777	118.832	ug/l	91
69) o-Xylene	12.032	106	214107	59.630	ug/l	92
70) Styrene	12.044	104	385784	63.470	ug/l	94
71) Bromoform	12.209	173	78819	58.185	ug/l #	98
73) Isopropylbenzene	12.331	105	601356	49.988	ug/l	100
74) N-amyl acetate	12.142	43	141465	49.266	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	119805	44.796	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	151998	75.017	ug/l #	100
77) Bromobenzene	12.611	156	134167	48.132	ug/l	96
78) n-propylbenzene	12.672	91	753767	51.003	ug/l	99
79) 2-Chlorotoluene	12.758	91	406217	50.747	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	526520	54.208	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	41409	44.701	ug/l #	84
82) 4-Chlorotoluene	12.855	91	448578	53.045	ug/l	97
83) tert-Butylbenzene	13.075	119	468090	53.587	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	530759	55.198	ug/l	97
85) sec-Butylbenzene	13.251	105	737228	54.095	ug/l	100
86) p-Isopropyltoluene	13.373	119	625102	56.252	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	308823	52.727	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	307419	53.064	ug/l	98
89) n-Butylbenzene	13.696	91	568105	53.859	ug/l	99
90) Hexachloroethane	13.965	117	110358	52.526	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	270904	52.891	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19045	41.648	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	147486	52.731	ug/l	99
94) Hexachlorobutadiene	15.117	225	79338	49.295	ug/l	100
95) Naphthalene	15.239	128	298453	47.732	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	125408	51.040	ug/l	98

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QLast Update : Wed May 18 07:32:50 2022
Response via : Initial Calibration

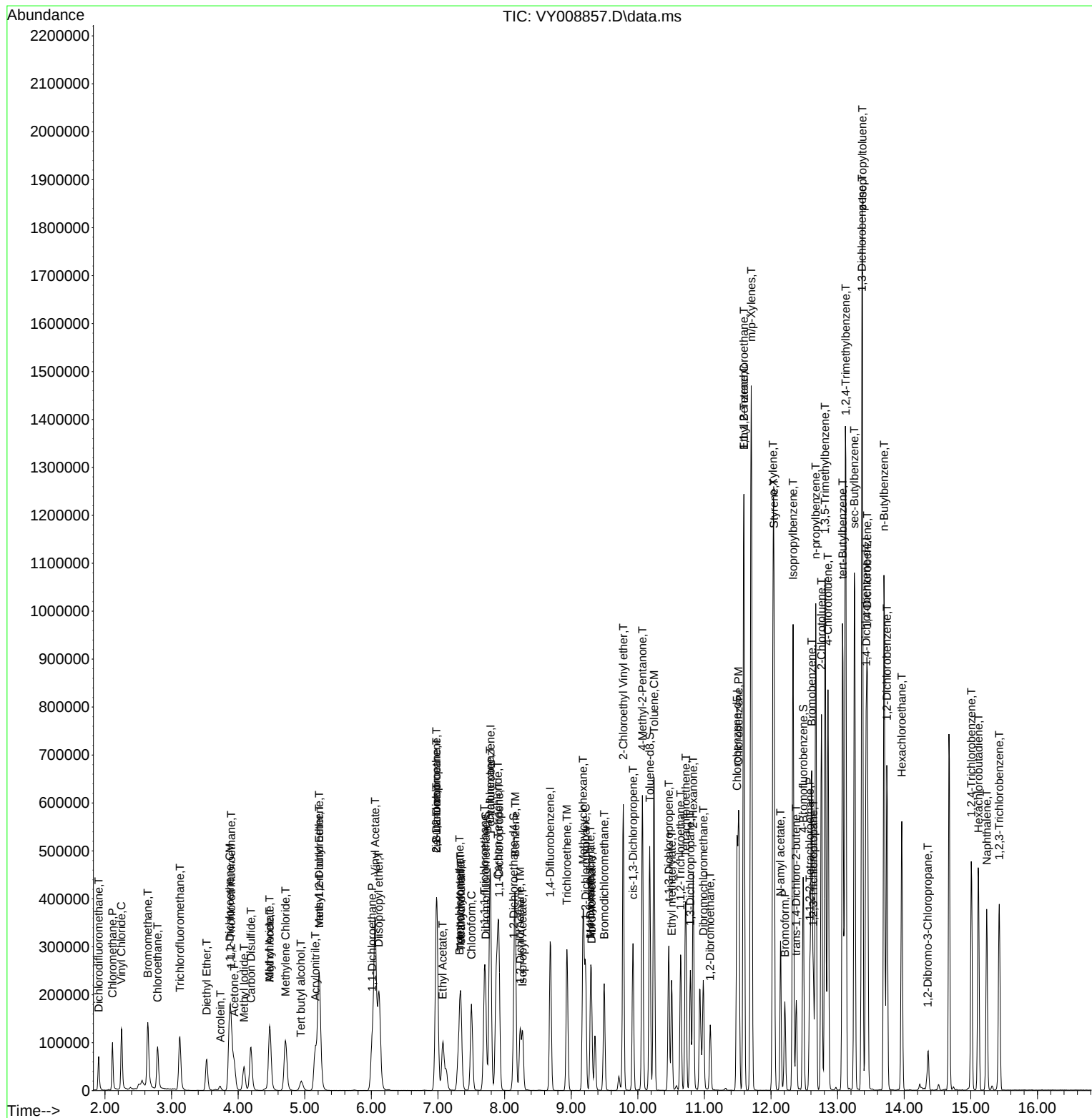
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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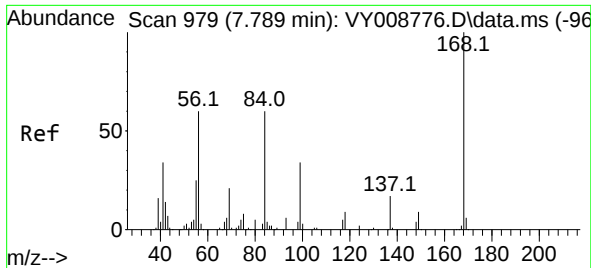
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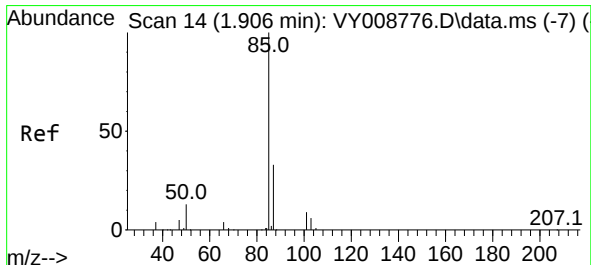
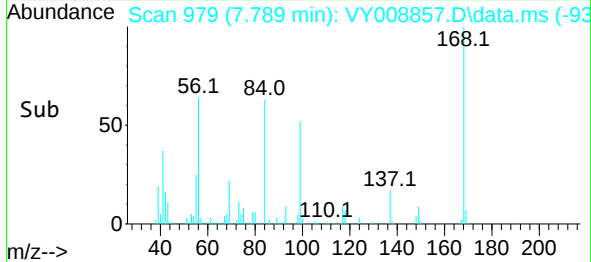
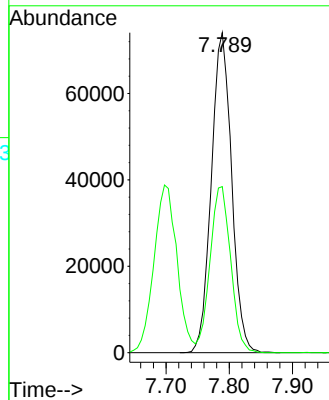
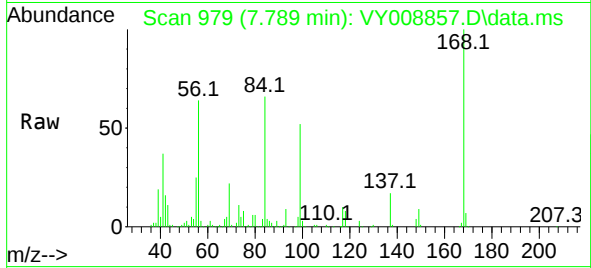




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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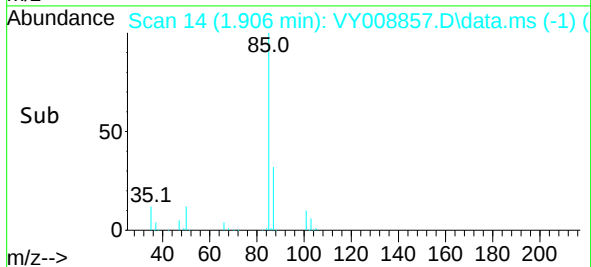
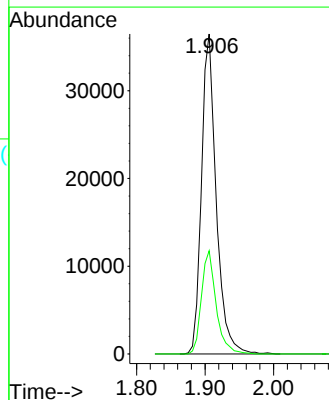
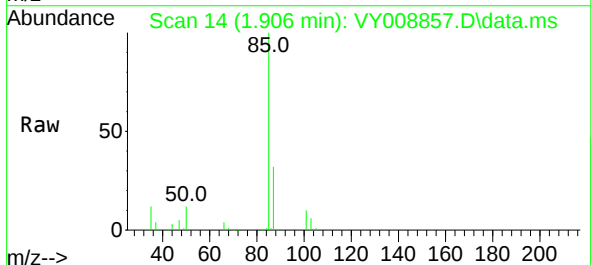
Instrument :
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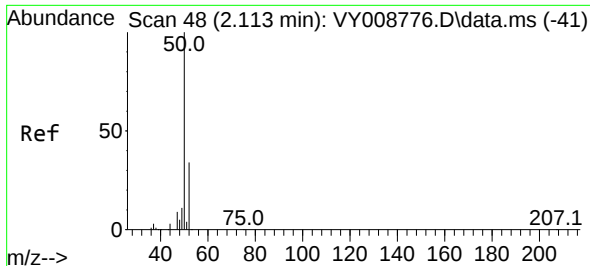
Tgt Ion:168 Resp: 164673
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 53.706 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion: 85 Resp: 54544
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.2

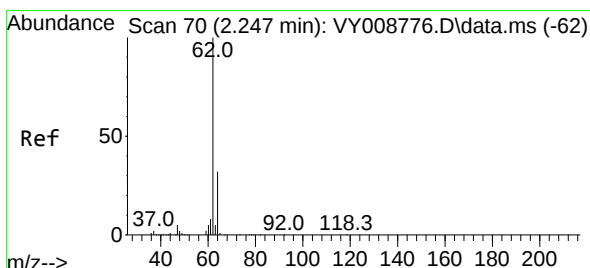
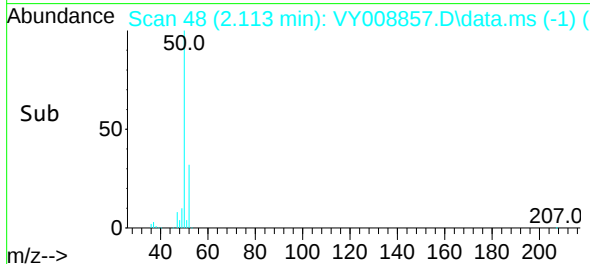
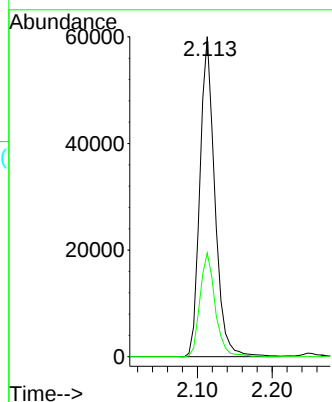
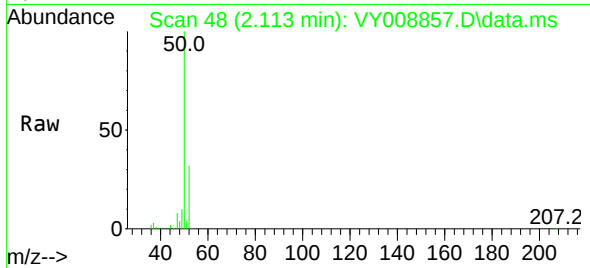




#3
Chloromethane
Concen: 57.364 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008857.D
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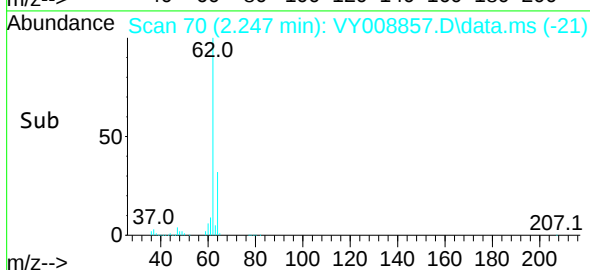
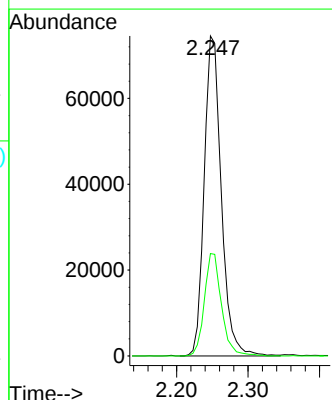
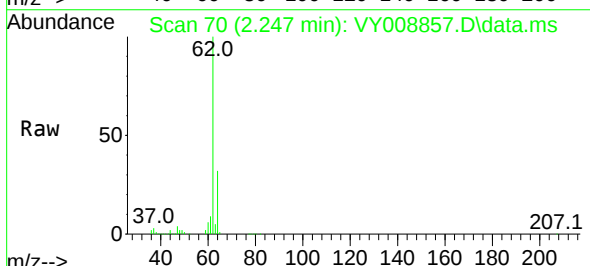
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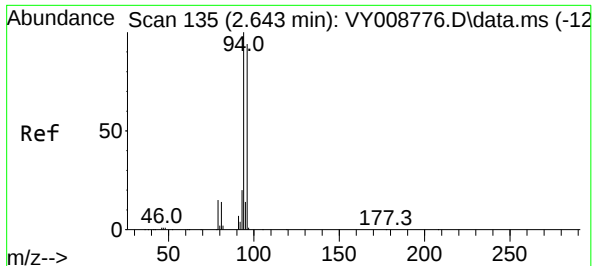
Tgt Ion: 50 Resp: 83151
Ion Ratio Lower Upper
50 100
52 32.5 24.6 37.0



#4
Vinyl Chloride
Concen: 56.495 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion: 62 Resp: 123850
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.6

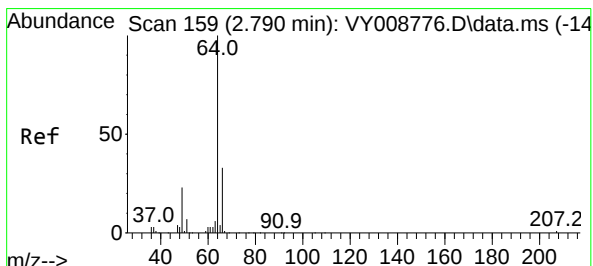
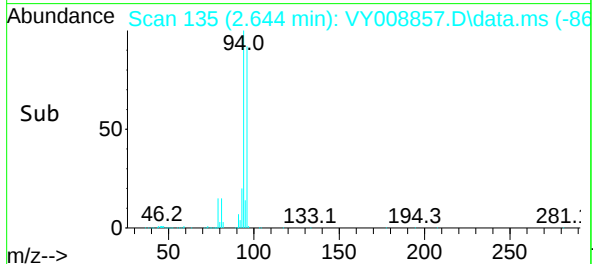
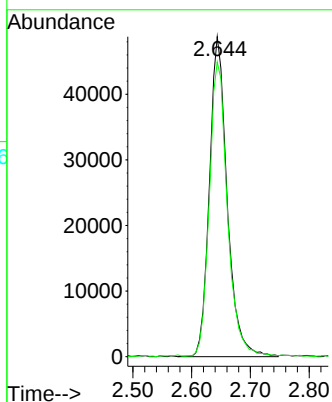
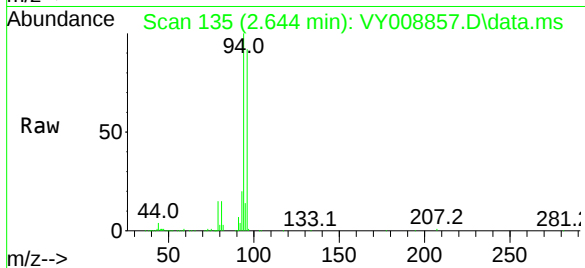




#5
Bromomethane
Concen: 53.532 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.001 min
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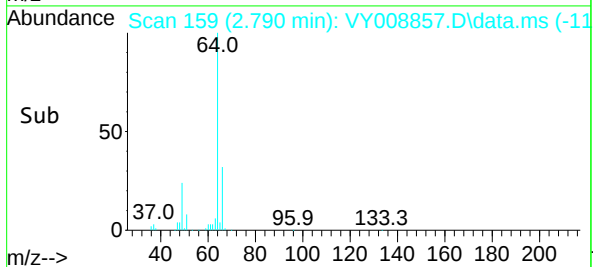
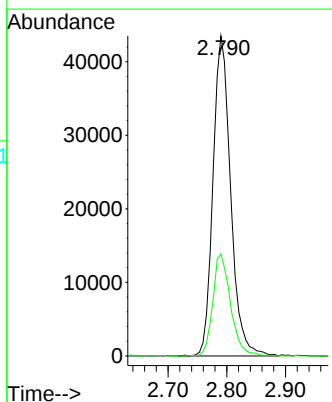
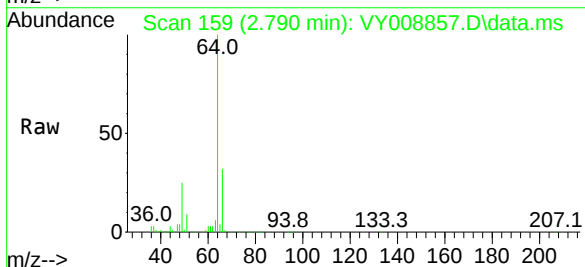
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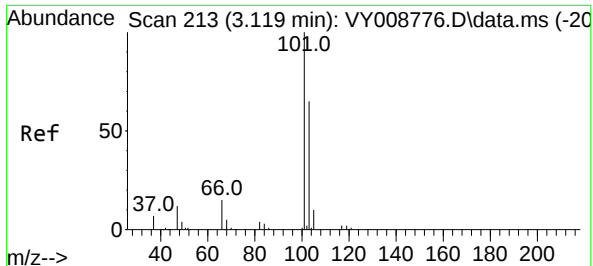
Tgt Ion: 94 Resp: 102631
Ion Ratio Lower Upper
94 100
96 91.8 73.5 110.3



#6
Chloroethane
Concen: 53.790 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 90803
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.0

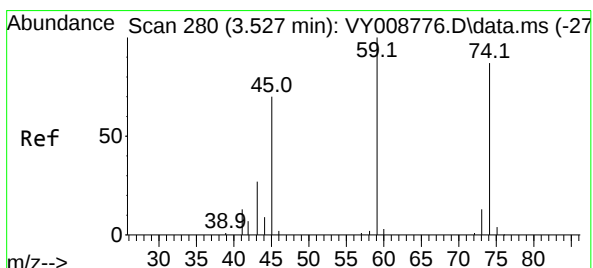
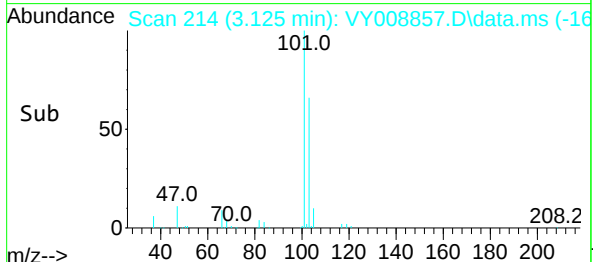
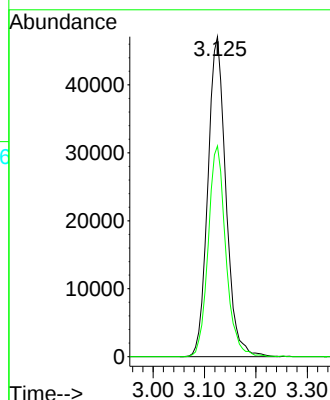
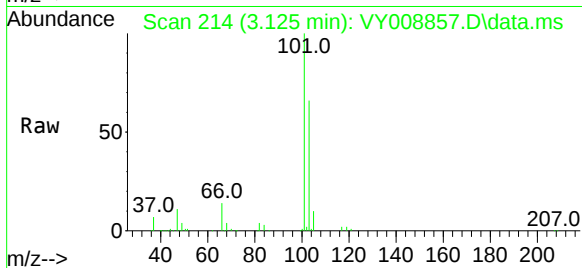




#7
Trichlorofluoromethane
Concen: 52.264 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY008857.D
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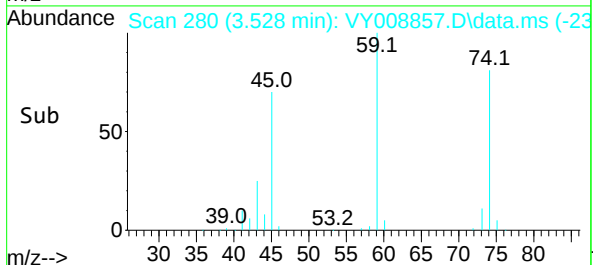
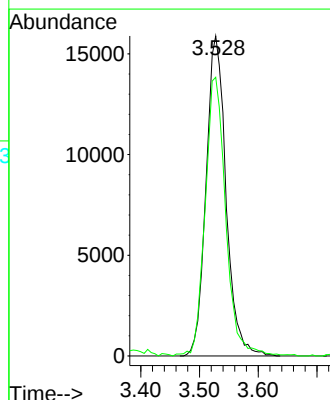
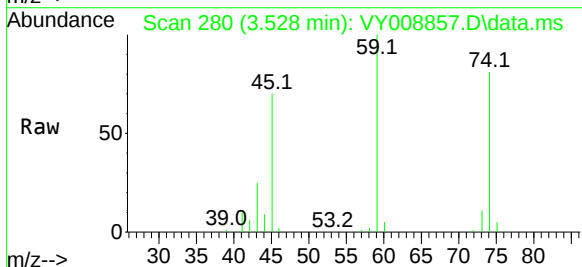
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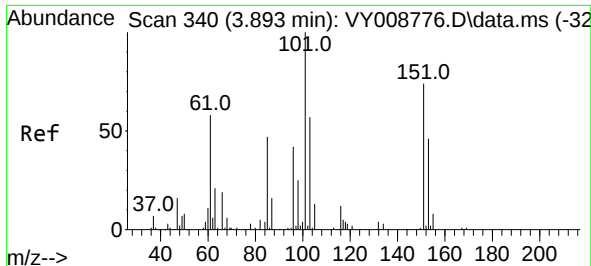
Tgt Ion:101 Resp: 114801
Ion Ratio Lower Upper
101 100
103 65.9 48.0 72.0



#8
Diethyl Ether
Concen: 51.510 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
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Acq: 19 May 2022 10:35

Tgt Ion: 74 Resp: 37583
Ion Ratio Lower Upper
74 100
45 89.9 55.1 165.5

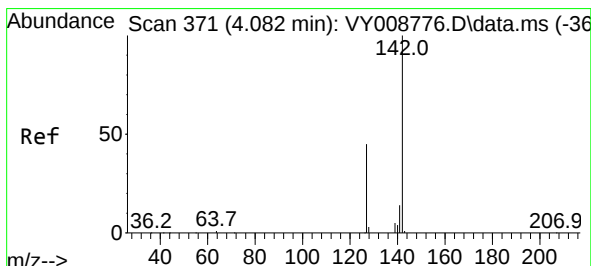
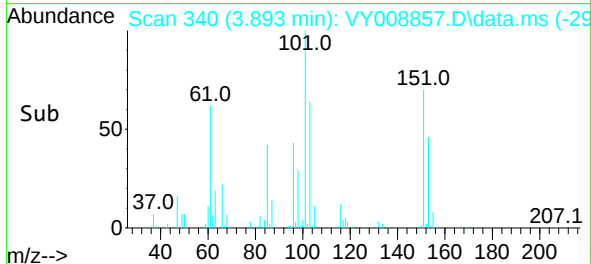
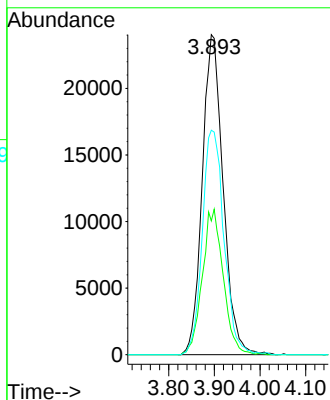
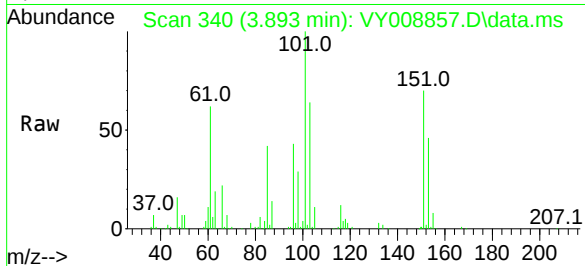




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.803 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

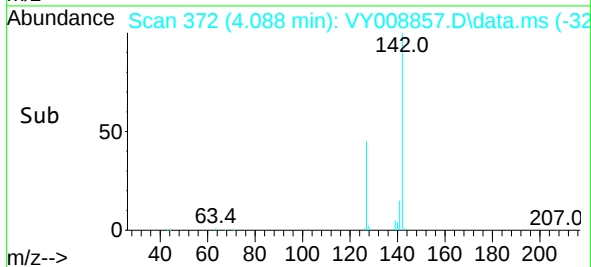
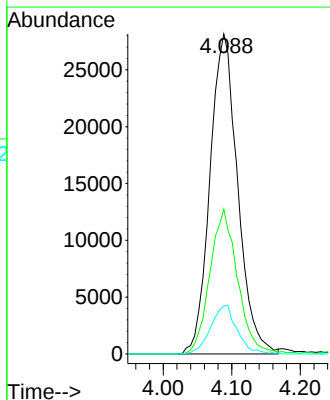
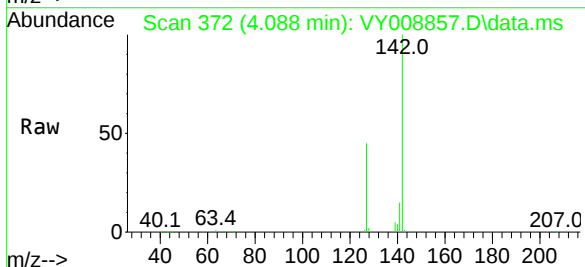
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

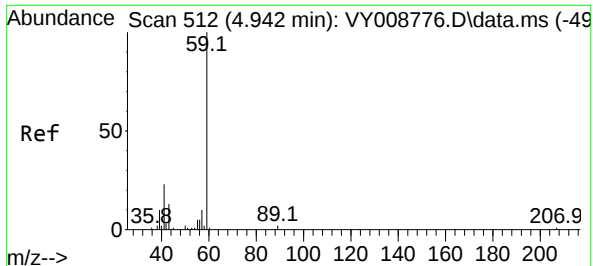
Tgt Ion:	101	Resp:	76222
Ion	Ratio	Lower	Upper
101	100		
85	45.4	40.6	60.8
151	73.1	64.9	97.3



#10
Methyl Iodide
Concen: 46.367 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion:	142	Resp:	79105
Ion	Ratio	Lower	Upper
142	100		
127	45.3	41.5	62.3
141	14.5	11.9	17.9

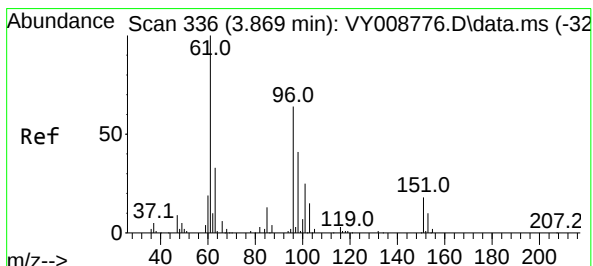
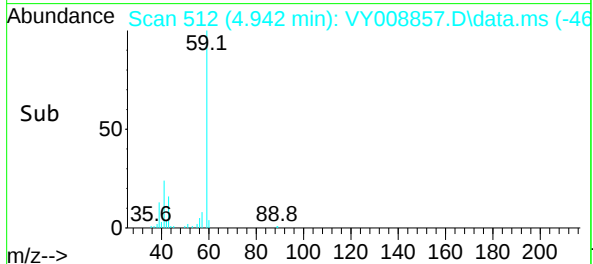
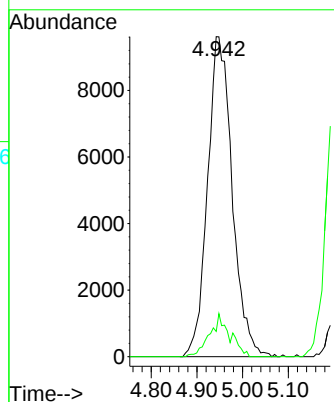
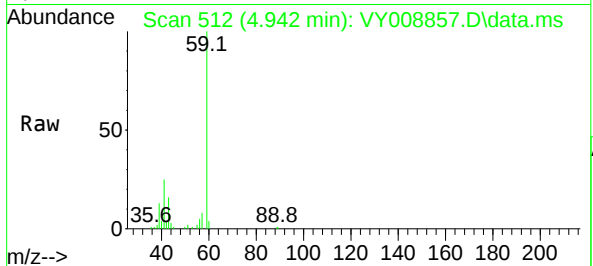




#11
Tert butyl alcohol
Concen: 213.865 ug/l
RT: 4.942 min Scan# 512
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

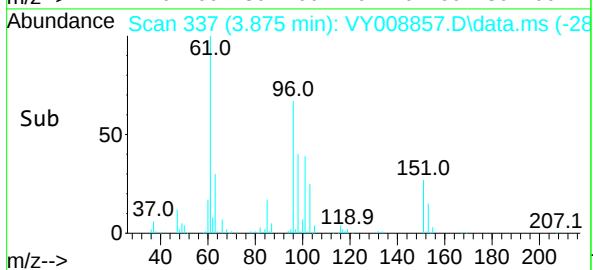
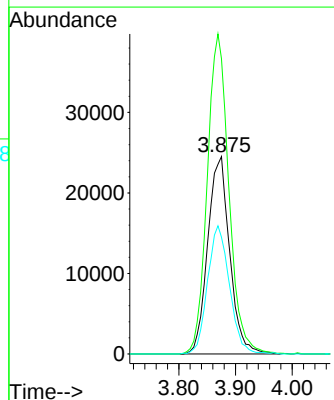
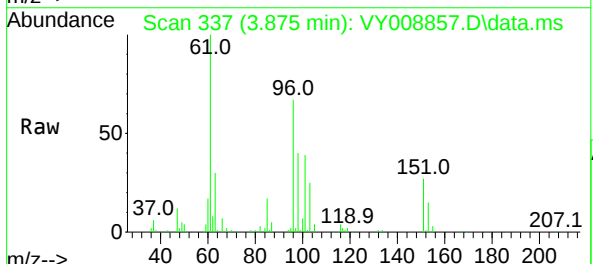
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

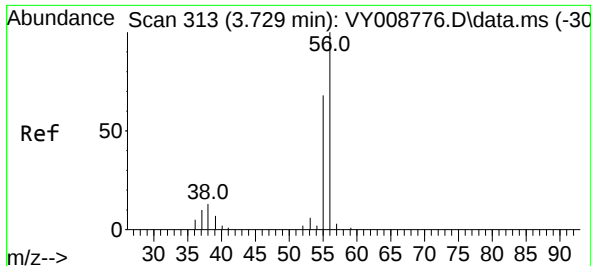
Tgt Ion: 59 Resp: 36109
Ion Ratio Lower Upper
59 100
57 10.9 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 47.258 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion: 96 Resp: 66033
Ion Ratio Lower Upper
96 100
61 149.5 145.8 218.6
98 59.2 52.5 78.7





#13

Acrolein

Concen: 117.594 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

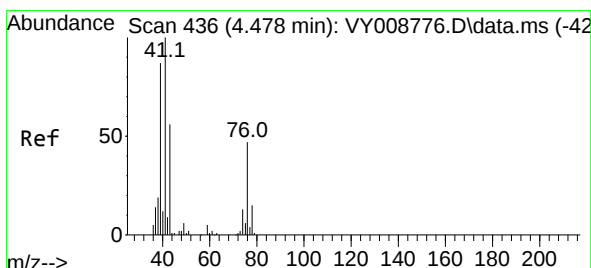
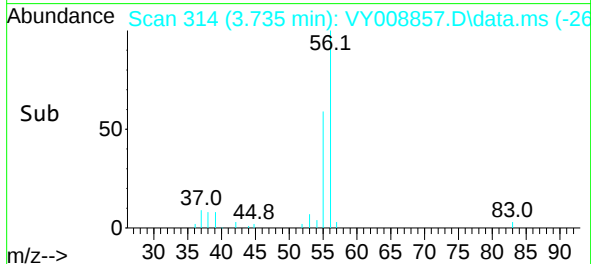
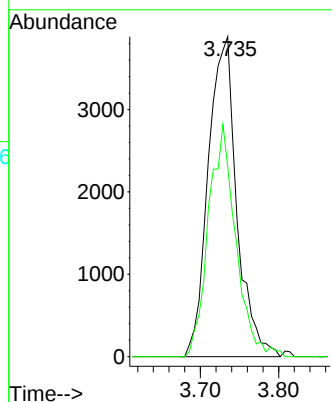
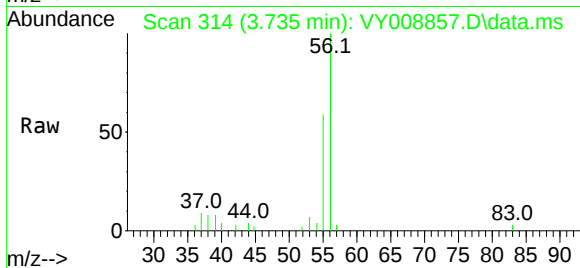
VSTDCCC050

Tgt Ion: 56 Resp: 9822

Ion Ratio Lower Upper

56 100

55 69.6 57.6 86.4



#14

Allyl chloride

Concen: 50.835 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

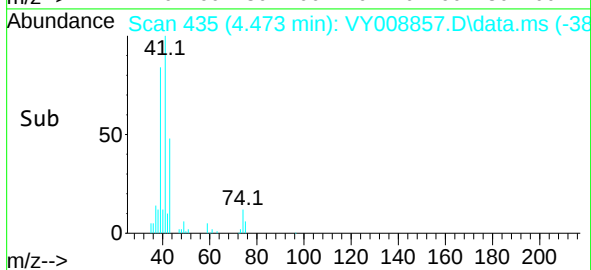
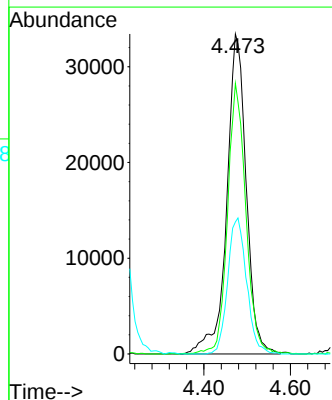
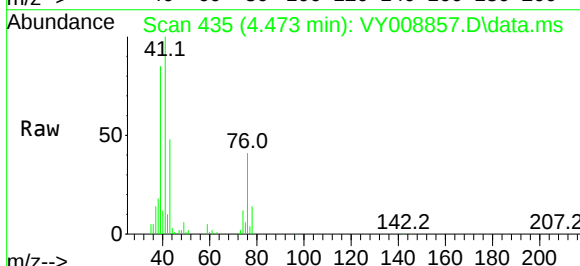
Tgt Ion: 41 Resp: 104484

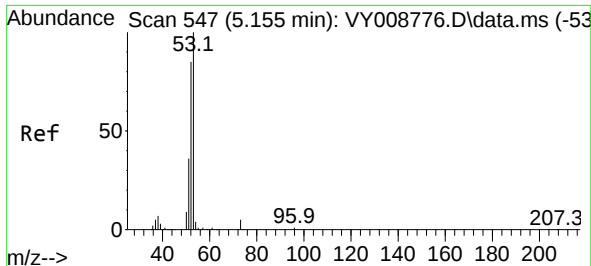
Ion Ratio Lower Upper

41 100

39 79.6 58.8 88.2

76 41.3 25.1 37.7#

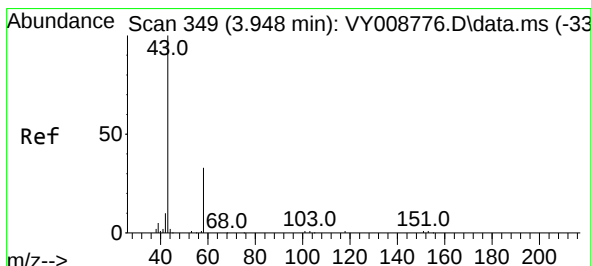
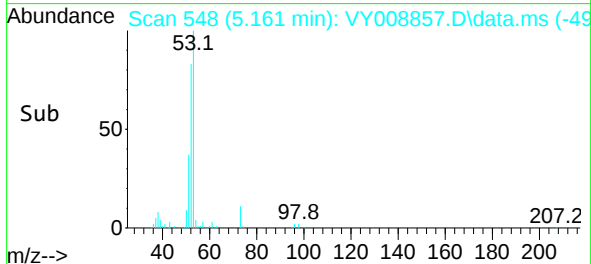
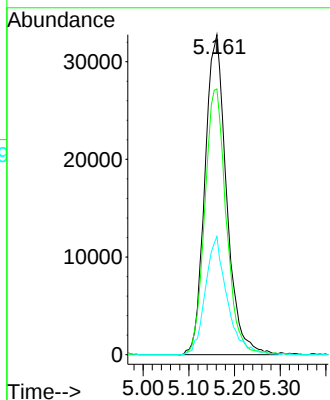
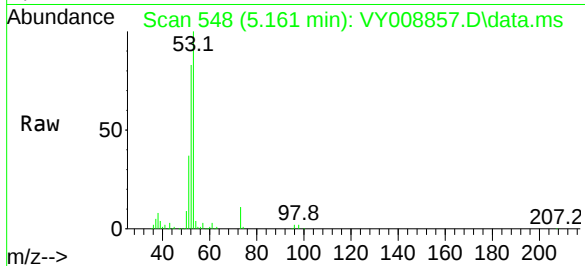




#15
Acrylonitrile
Concen: 217.810 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

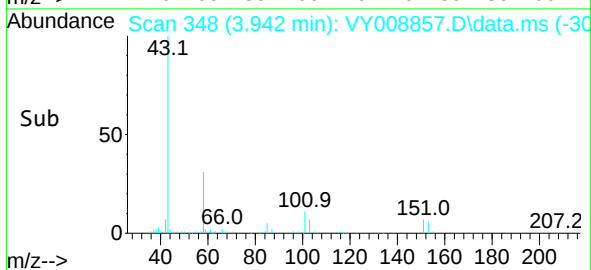
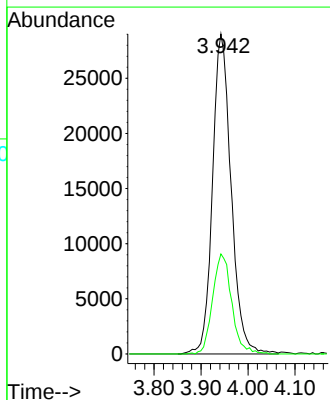
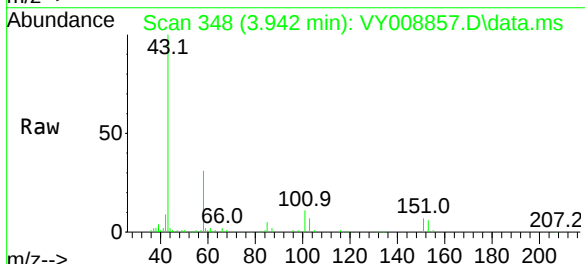
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

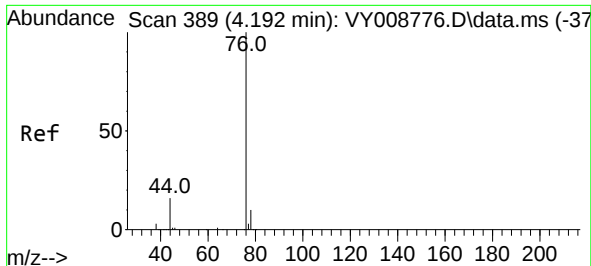
Tgt Ion: 53 Resp: 107766
Ion Ratio Lower Upper
53 100
52 82.4 67.0 100.4
51 37.1 29.8 44.6



#16
Acetone
Concen: 232.512 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion: 43 Resp: 79882
Ion Ratio Lower Upper
43 100
58 31.3 22.0 33.0

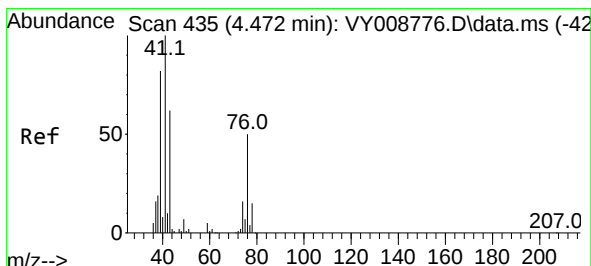
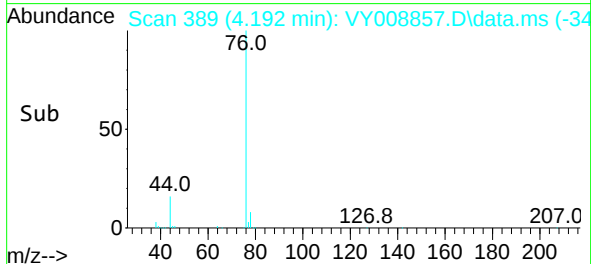
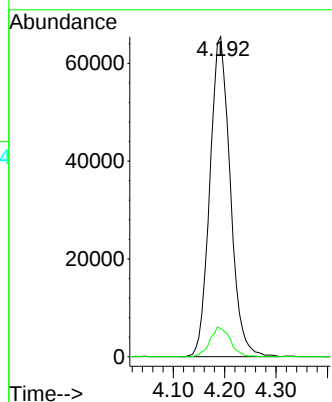
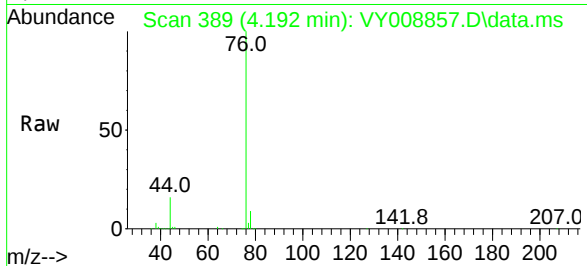




#17
Carbon Disulfide
Concen: 50.349 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

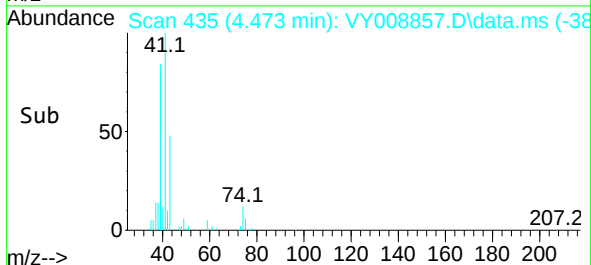
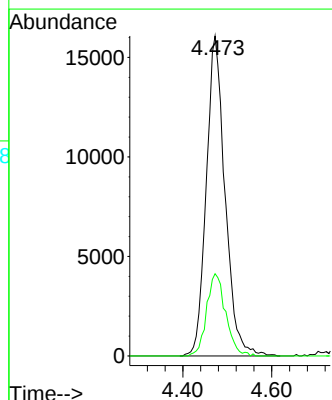
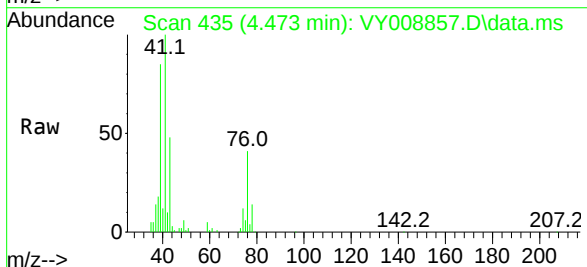
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

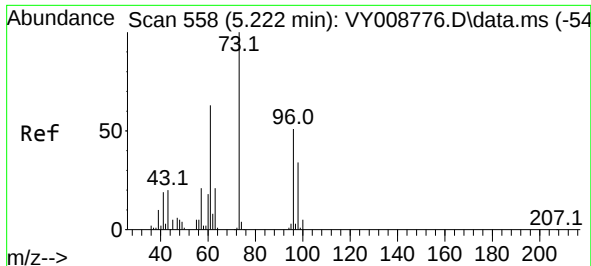
Tgt Ion: 76 Resp: 180386
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 42.826 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion: 43 Resp: 47197
Ion Ratio Lower Upper
43 100
74 26.1 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 56.334 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

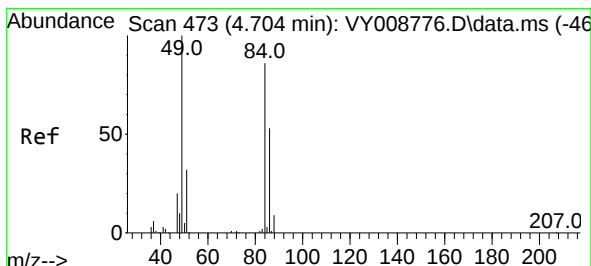
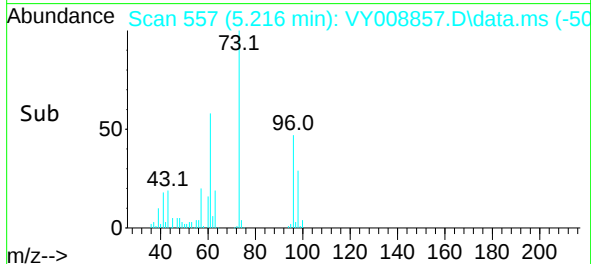
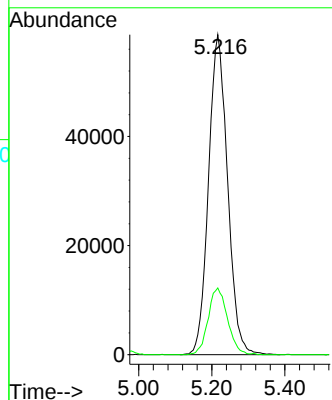
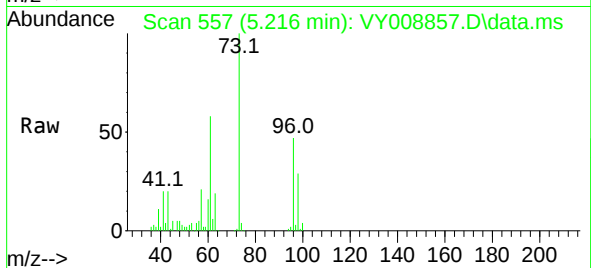
VSTDCCC050

Tgt Ion: 73 Resp: 212002

Ion Ratio Lower Upper

73 100

57 20.9 18.6 27.8



#20

Methylene Chloride

Concen: 51.249 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

Tgt Ion: 84 Resp: 80432

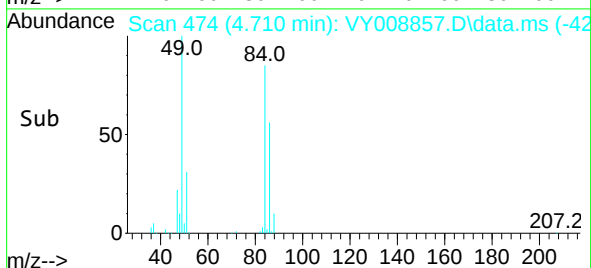
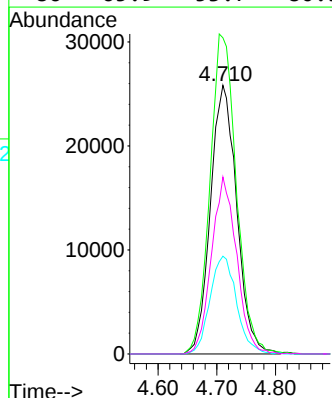
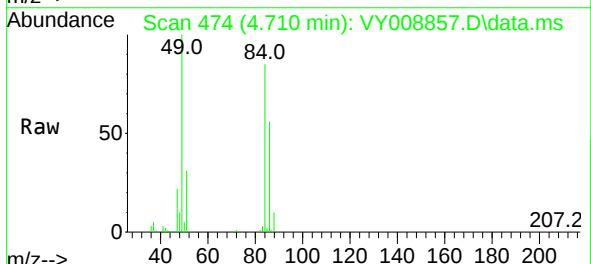
Ion Ratio Lower Upper

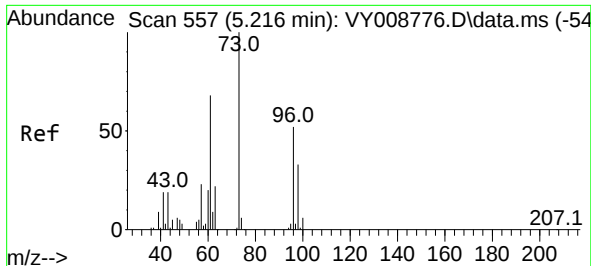
84 100

49 117.7 114.4 171.6

51 36.4 35.3 52.9

86 65.9 53.7 80.5

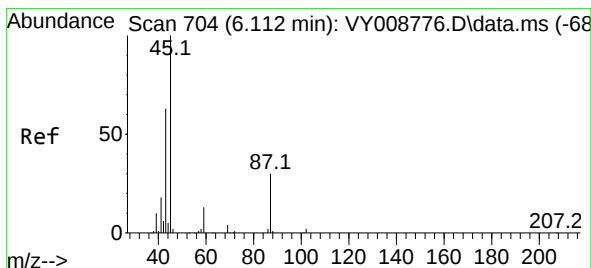
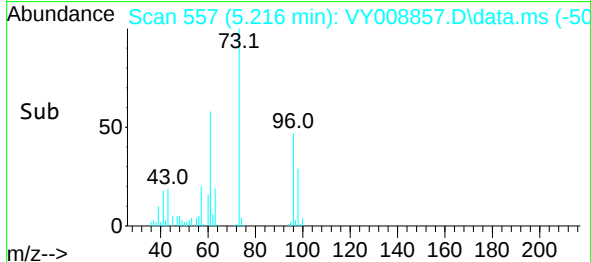
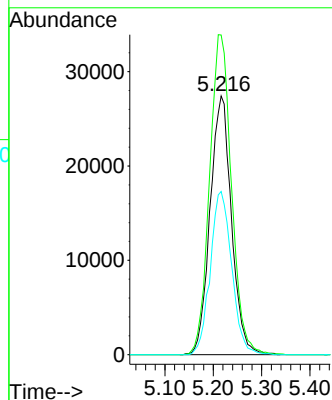
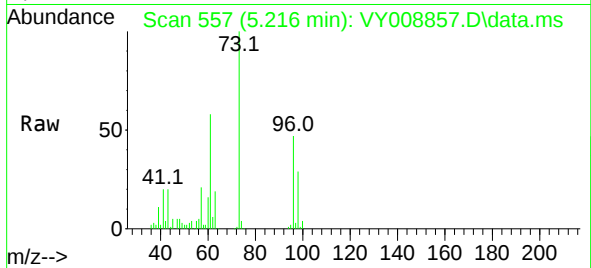




#21
trans-1,2-Dichloroethene
Concen: 49.240 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

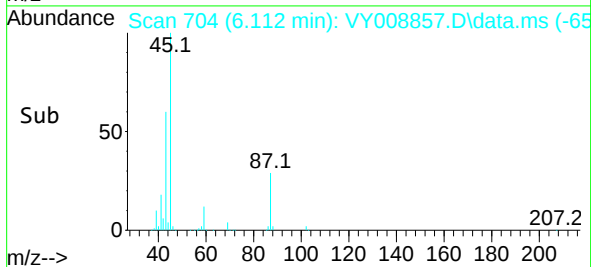
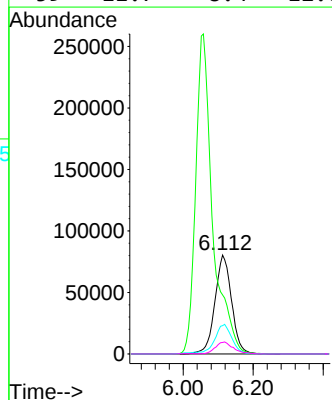
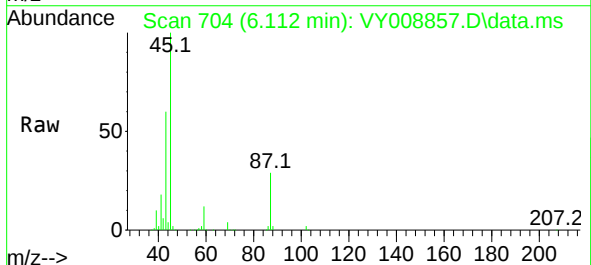
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

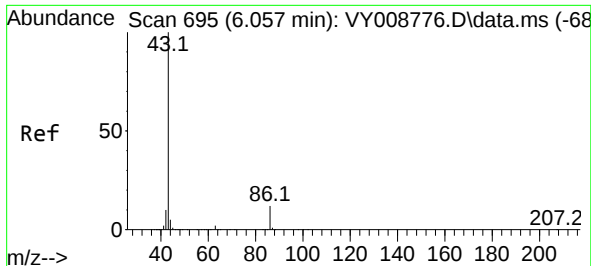
Tgt Ion: 96 Resp: 84362
Ion Ratio Lower Upper
96 100
61 123.5 120.5 180.7
98 63.1 49.8 74.8



#22
Diisopropyl ether
Concen: 61.050 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion: 45 Resp: 265732
Ion Ratio Lower Upper
45 100
43 59.4 49.3 73.9
87 28.7 19.2 28.8
59 11.7 8.4 12.6

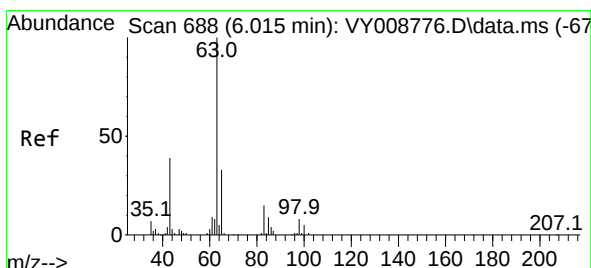
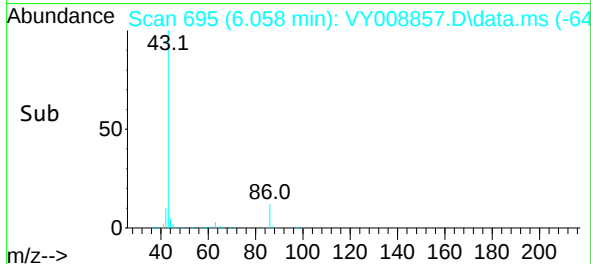
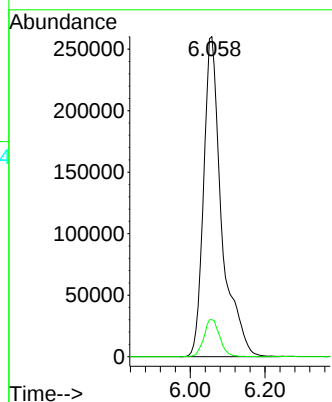
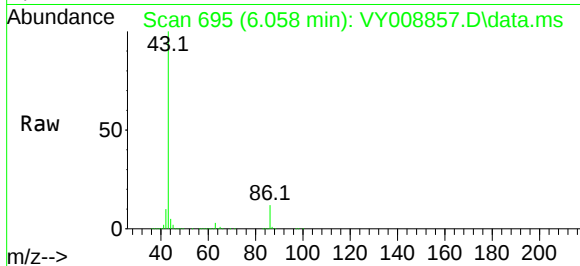




#23
 Vinyl Acetate
 Concen: 284.488 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008857.D
 Acq: 19 May 2022 10:35

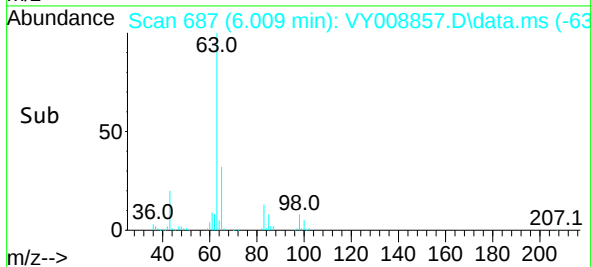
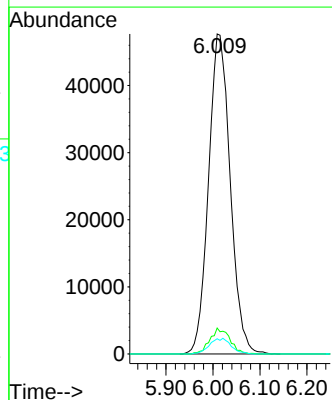
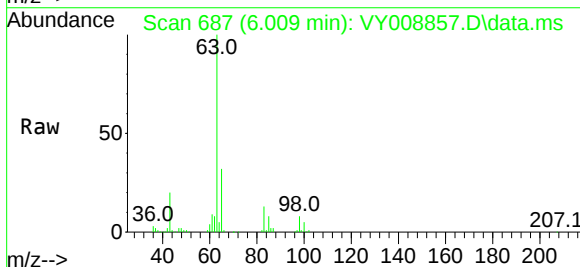
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

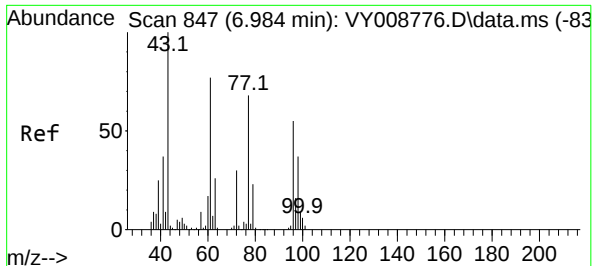
Tgt Ion: 43 Resp: 873096
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 52.921 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY008857.D
 Acq: 19 May 2022 10:35

Tgt Ion: 63 Resp: 152846
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.8
 100 4.7 2.0 5.8





#25

2-Butanone

Concen: 226.117 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

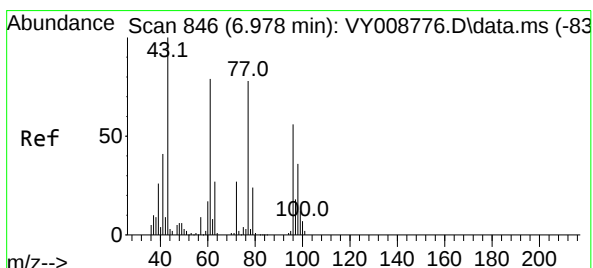
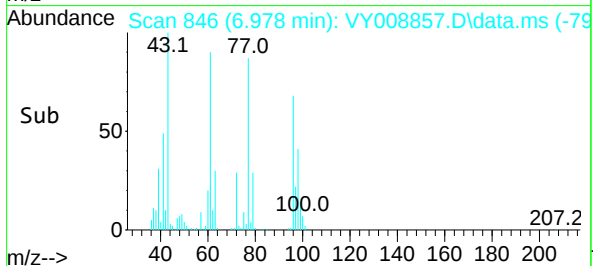
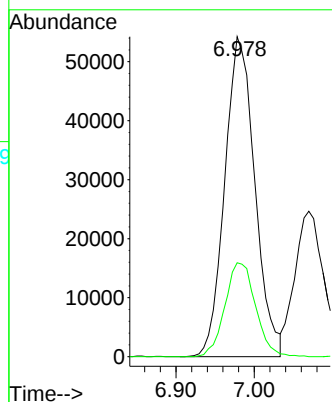
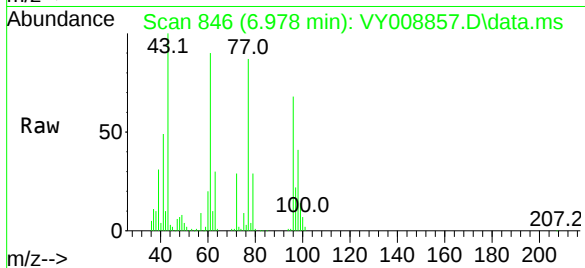
VSTDCCC050

Tgt Ion: 43 Resp: 144965

Ion Ratio Lower Upper

43 100

72 29.4 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 52.873 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008857.D

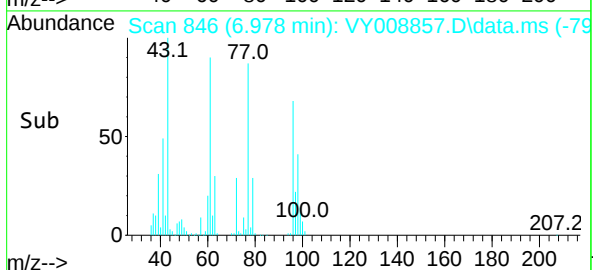
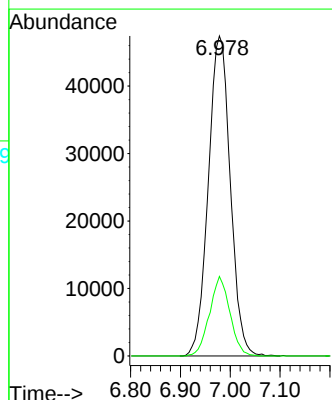
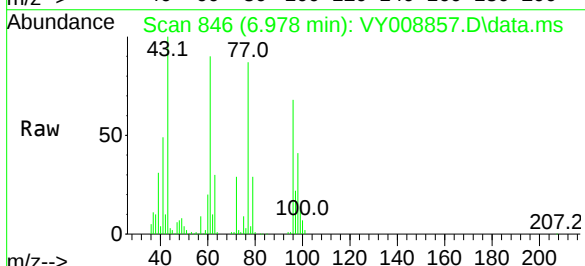
Acq: 19 May 2022 10:35

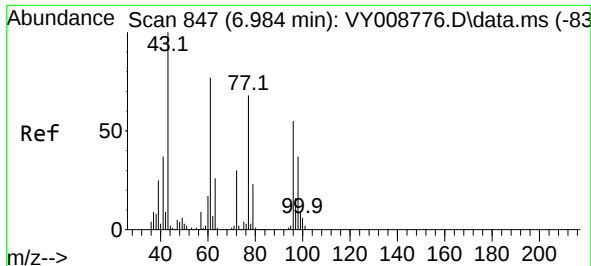
Tgt Ion: 77 Resp: 145141

Ion Ratio Lower Upper

77 100

97 23.0 10.4 31.4



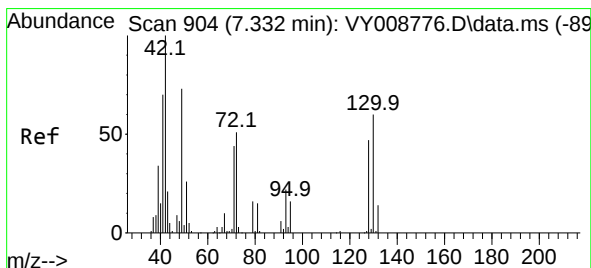
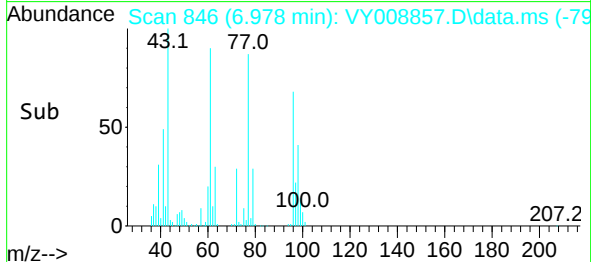
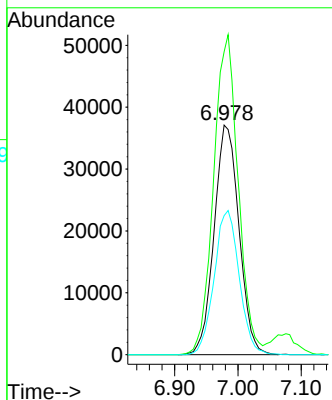
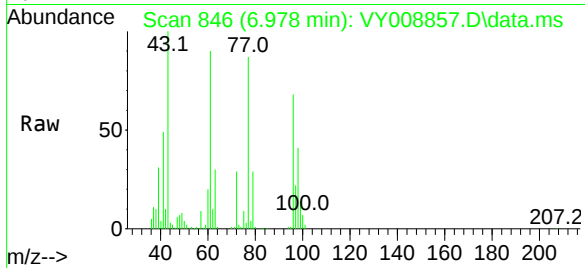


#27
 cis-1,2-Dichloroethene
 Concen: 53.321 ug/l
 RT: 6.978 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VY008857.D
 Acq: 19 May 2022 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 101325

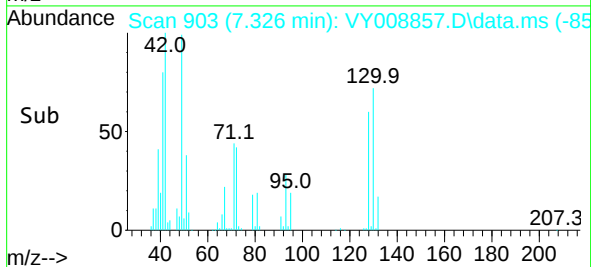
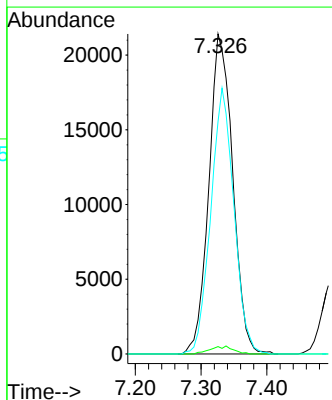
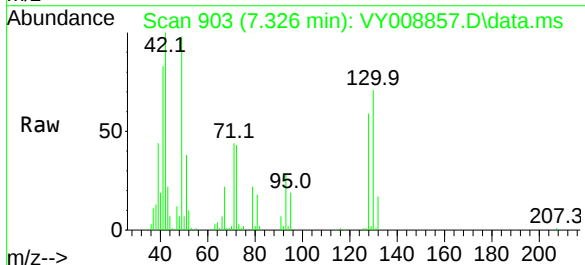
Ion	Ratio	Lower	Upper
96	100		
61	137.4	0.0	319.8
98	63.2	0.0	127.0

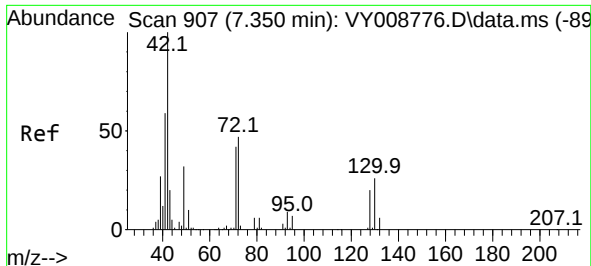


#28
 Bromochloromethane
 Concen: 49.266 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY008857.D
 Acq: 19 May 2022 10:35

Tgt Ion: 49 Resp: 53946

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	2.2#
130	80.9	55.4	83.0





#29

Tetrahydrofuran

Concen: 227.123 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

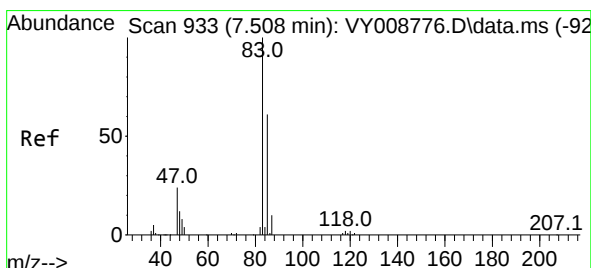
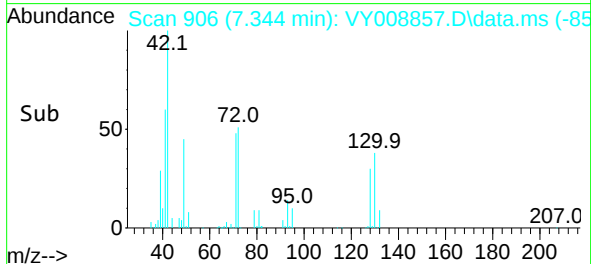
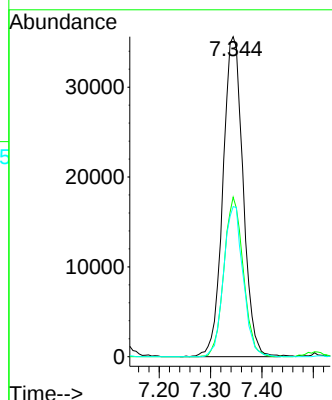
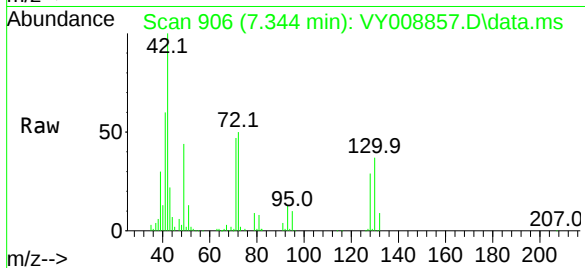
Tgt Ion: 42 Resp: 96999

Ion Ratio Lower Upper

42 100

72 47.7 30.3 45.5#

71 45.5 29.0 43.4#



#30

Chloroform

Concen: 54.836 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY008857.D

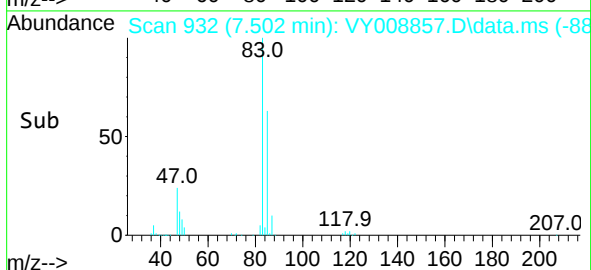
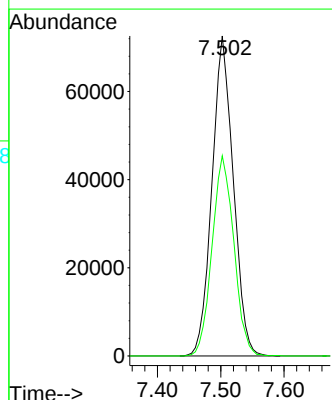
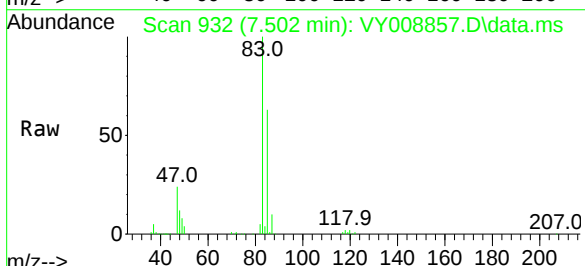
Acq: 19 May 2022 10:35

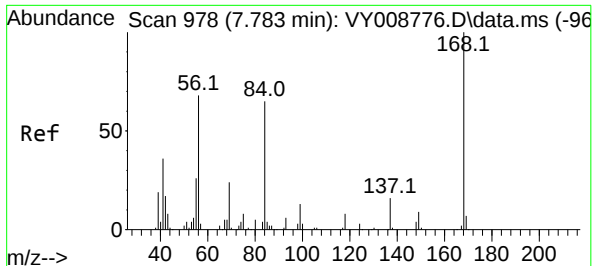
Tgt Ion: 83 Resp: 169808

Ion Ratio Lower Upper

83 100

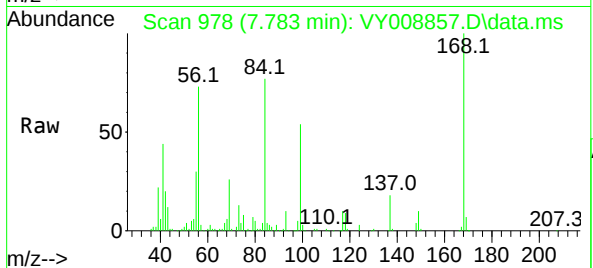
85 62.6 51.8 77.6



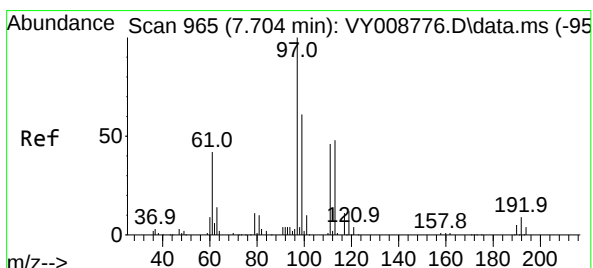
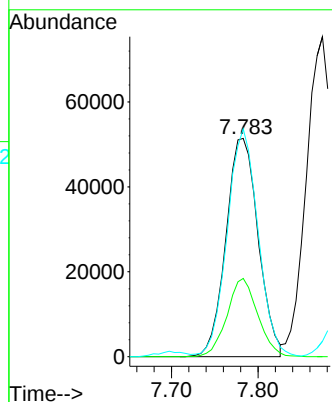
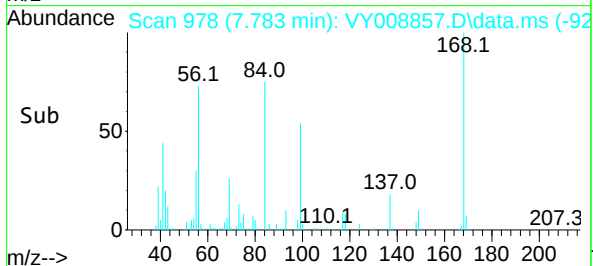


#31
Cyclohexane
Concen: 55.448 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

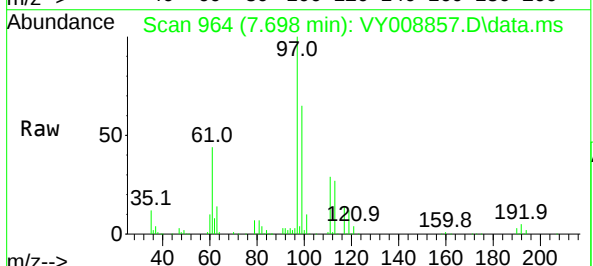
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



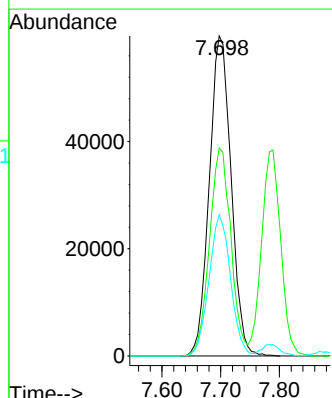
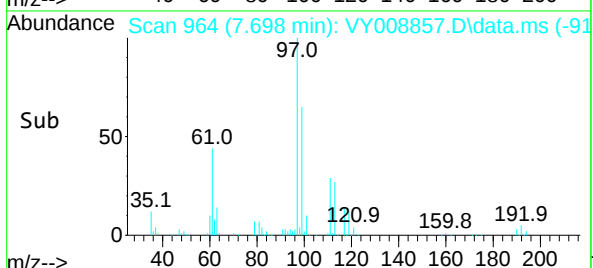
Tgt Ion: 56 Resp: 132992
Ion Ratio Lower Upper
56 100
69 35.8 26.7 40.1
84 102.5 67.2 100.8#

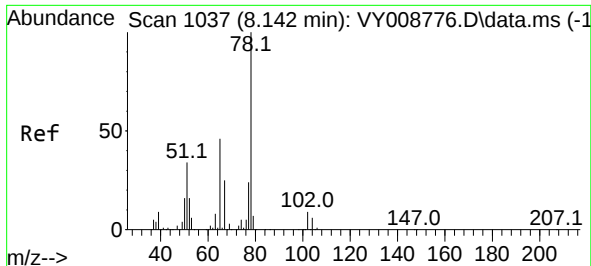


#32
1,1,1-Trichloroethane
Concen: 53.570 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35



Tgt Ion: 97 Resp: 153802
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 43.8 37.6 56.4

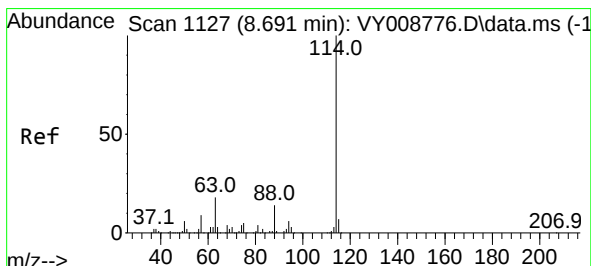
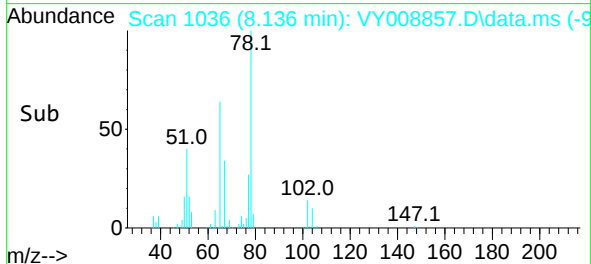
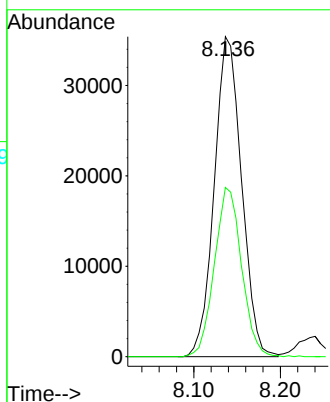
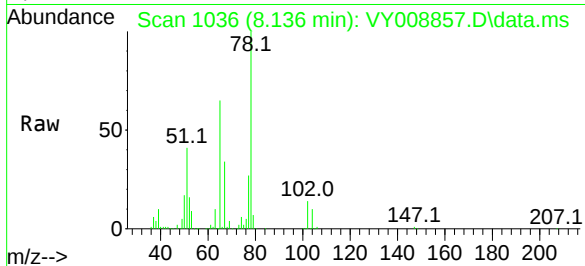




#33
 1,2-Dichloroethane-d4
 Concen: 50.698 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY008857.D
 Acq: 19 May 2022 10:35

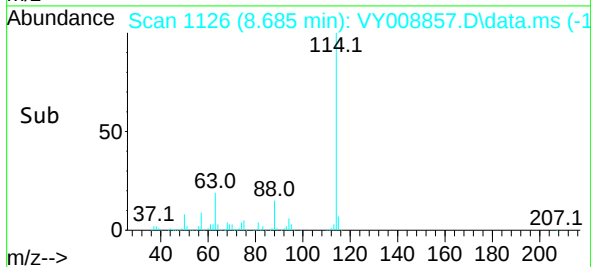
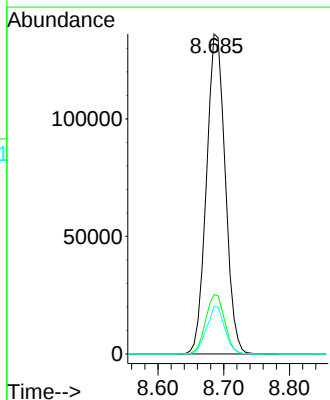
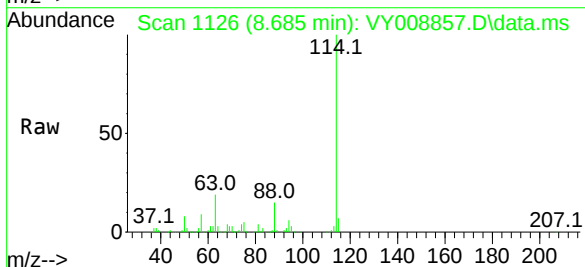
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

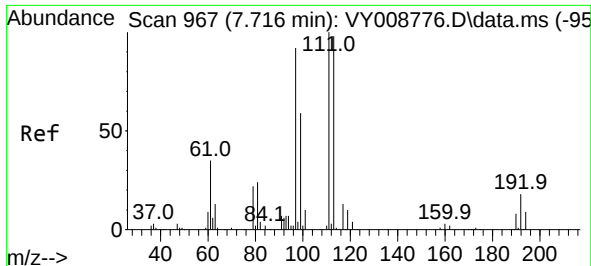
Tgt Ion: 65 Resp: 77451
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY008857.D
 Acq: 19 May 2022 10:35

Tgt Ion: 114 Resp: 271018
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 43.2
 88 14.9 0.0 31.8

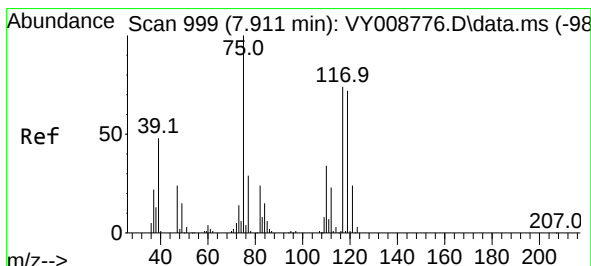
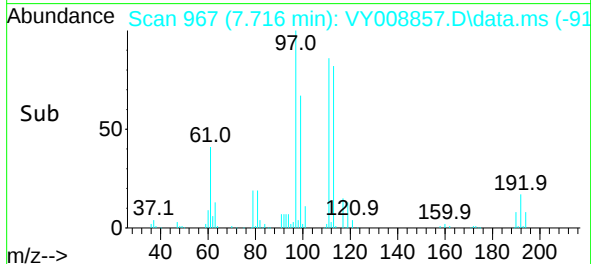
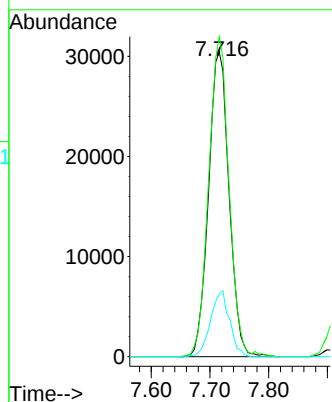
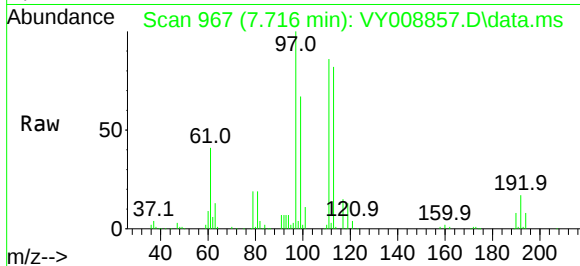




#35
Dibromofluoromethane
Concen: 46.720 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

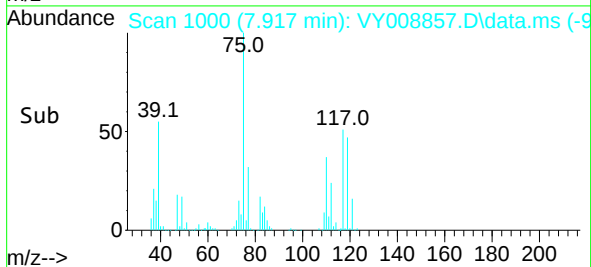
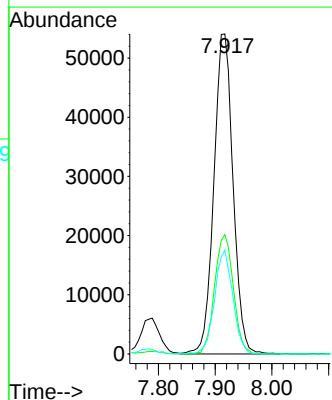
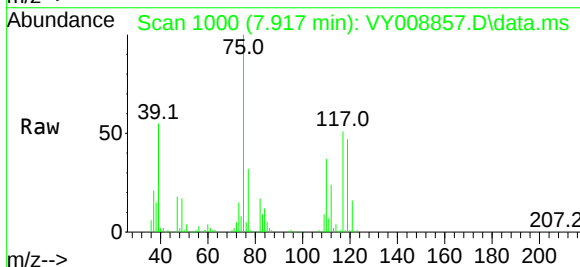
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

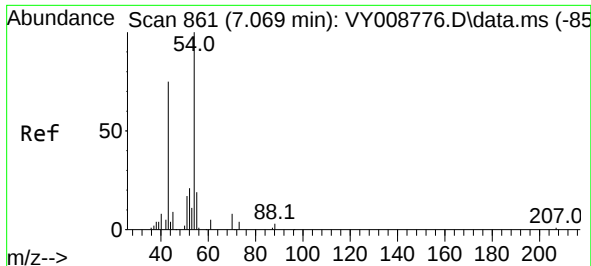
Tgt Ion:113 Resp: 73981
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 20.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 50.026 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion: 75 Resp: 126875
Ion Ratio Lower Upper
75 100
110 36.5 17.1 51.2
77 31.0 24.4 36.6

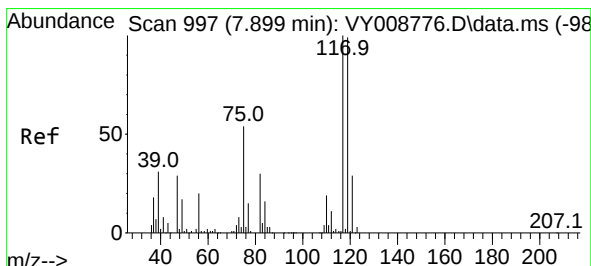
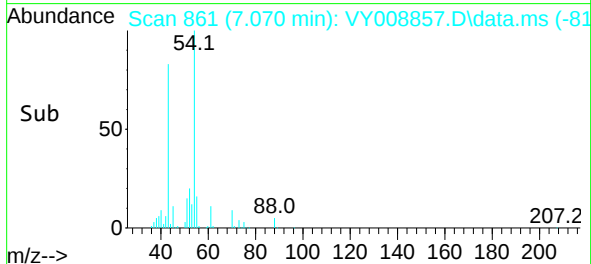
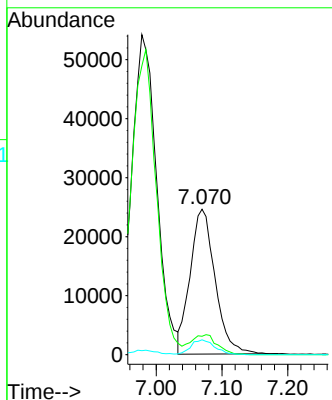
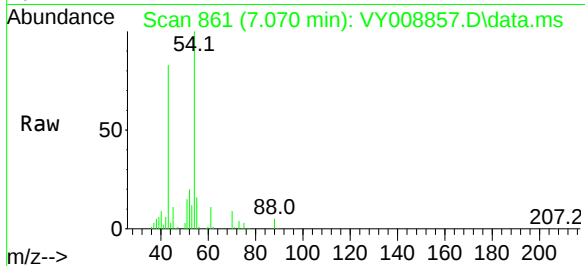




#37
Ethyl Acetate
Concen: 42.778 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

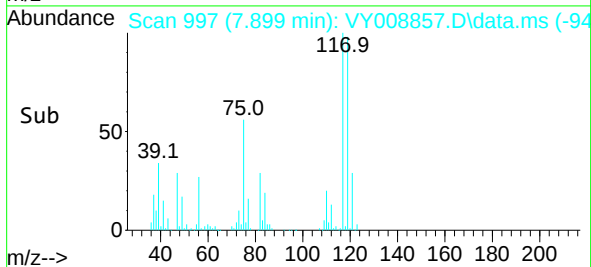
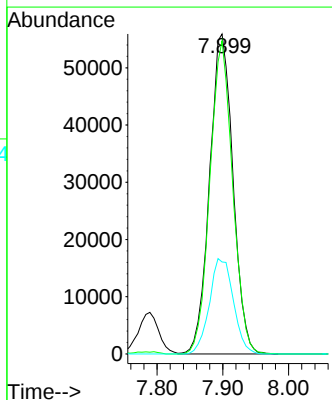
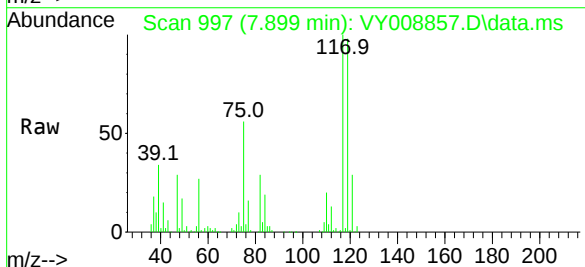
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

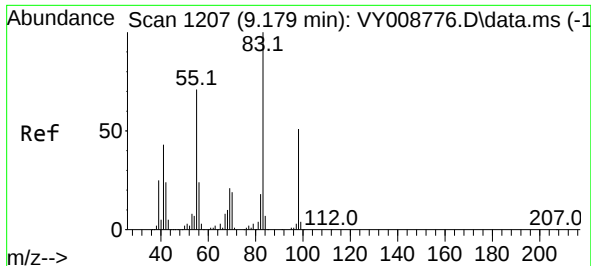
Tgt Ion: 43 Resp: 64652
Ion Ratio Lower Upper
43 100
61 14.6 9.7 14.5#
70 9.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 50.973 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion: 117 Resp: 138545
Ion Ratio Lower Upper
117 100
119 97.9 77.9 116.9
121 28.8 24.8 37.2





#39

Methylcyclohexane

Concen: 53.456 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

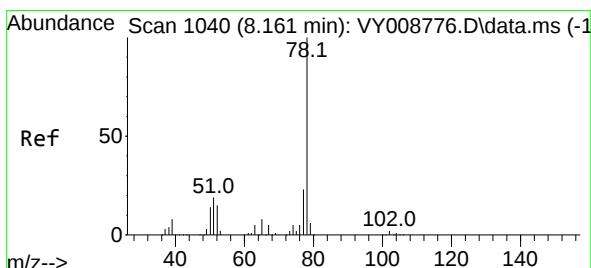
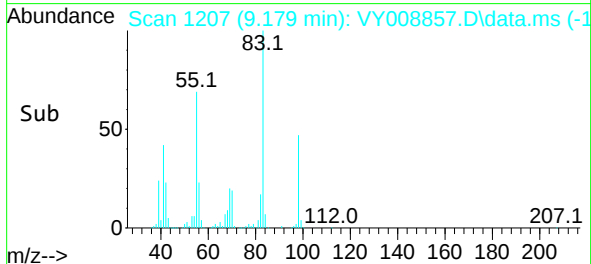
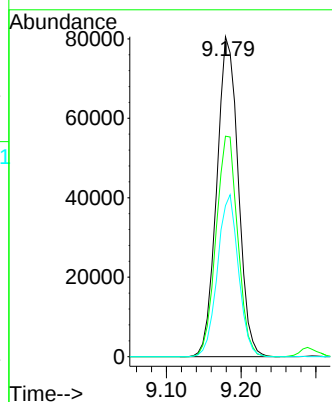
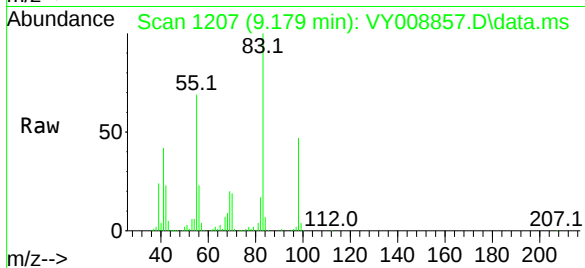
Tgt Ion: 83 Resp: 160778

Ion Ratio Lower Upper

83 100

55 68.9 66.5 99.7

98 47.2 37.9 56.9



#40

Benzene

Concen: 52.755 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY008857.D

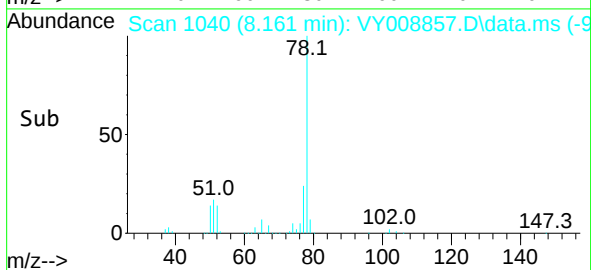
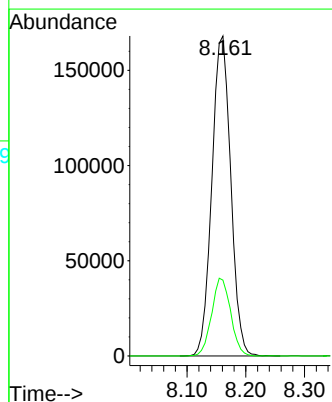
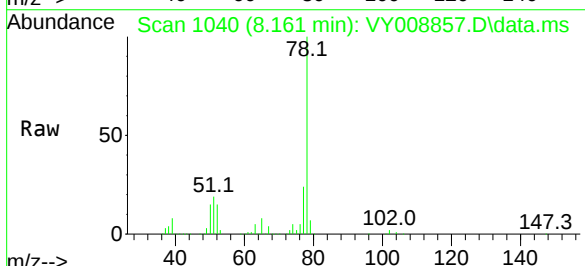
Acq: 19 May 2022 10:35

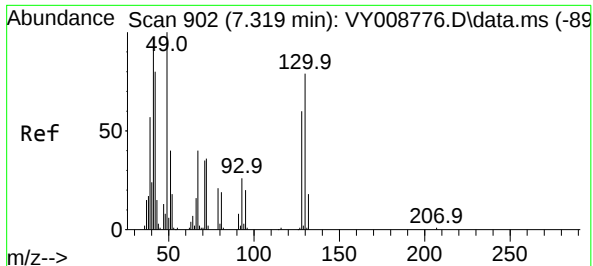
Tgt Ion: 78 Resp: 374370

Ion Ratio Lower Upper

78 100

77 23.7 20.4 30.6

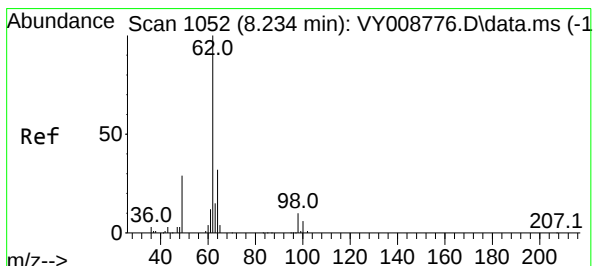
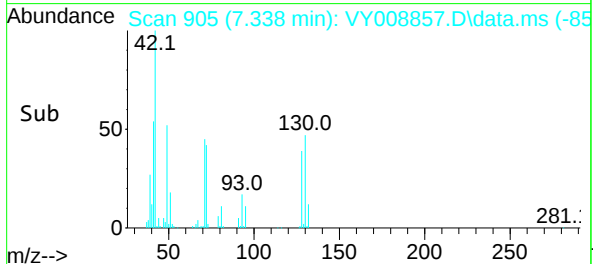
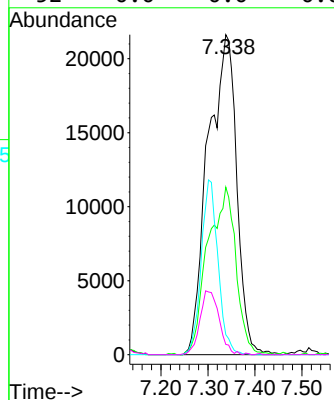
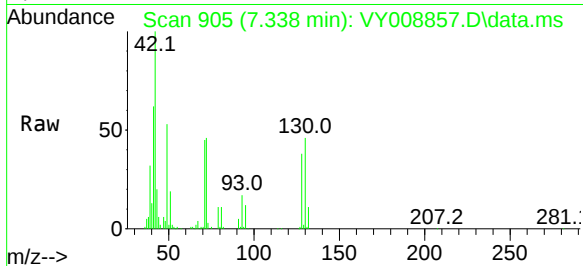




#41
Methacrylonitrile
Concen: 114.903 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.018 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

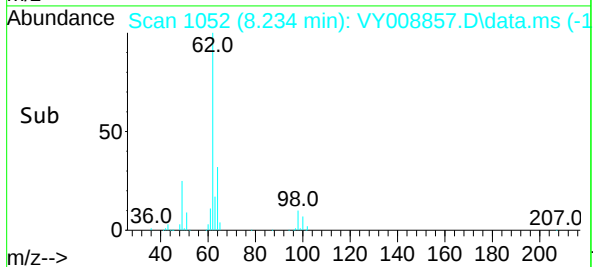
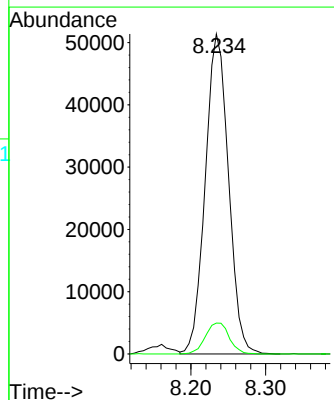
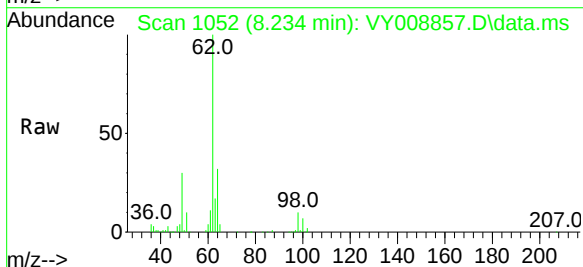
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

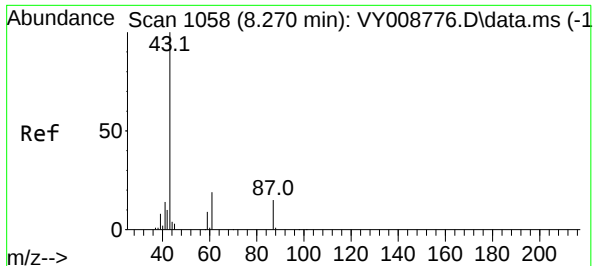
Tgt Ion: 41 Resp: 91326
Ion Ratio Lower Upper
41 100
39 51.5 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.265 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion: 62 Resp: 110956
Ion Ratio Lower Upper
62 100
98 9.9 0.0 14.8





#43

Isopropyl Acetate

Concen: 51.675 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

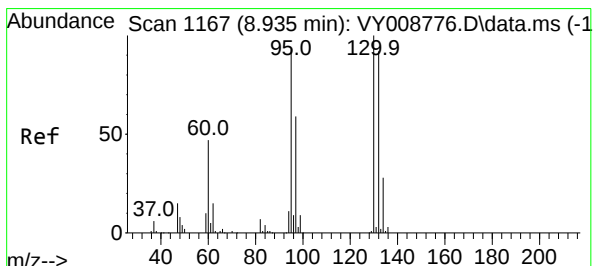
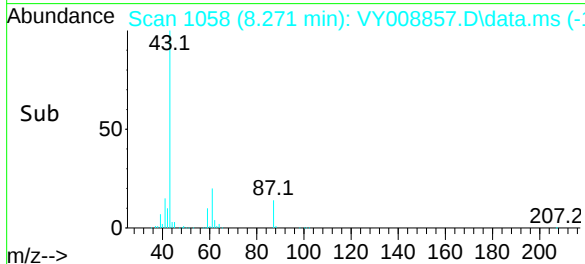
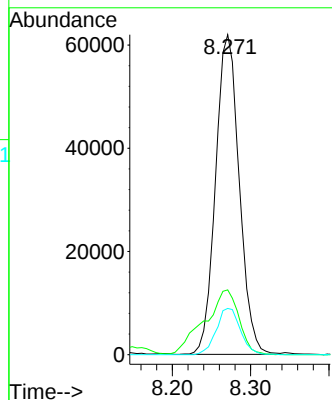
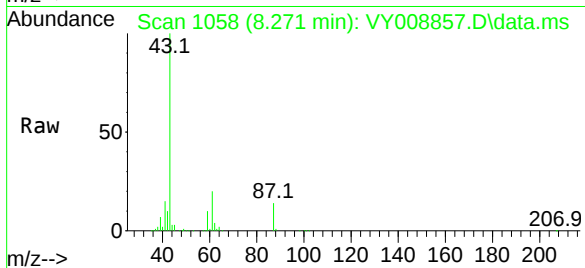
Tgt Ion: 43 Resp: 130013

Ion Ratio Lower Upper

43 100

61 29.6 20.2 30.2

87 14.8 8.9 13.3#



#44

Trichloroethene

Concen: 51.305 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY008857.D

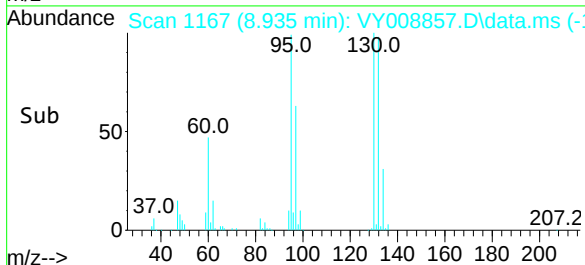
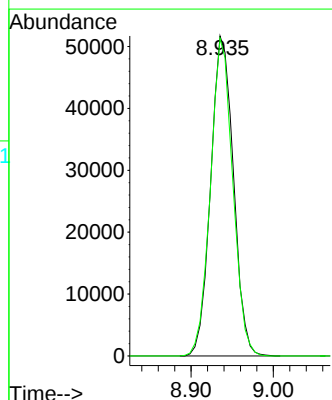
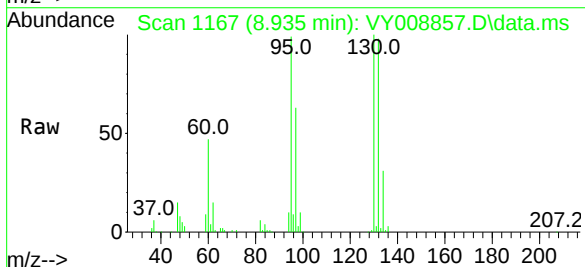
Acq: 19 May 2022 10:35

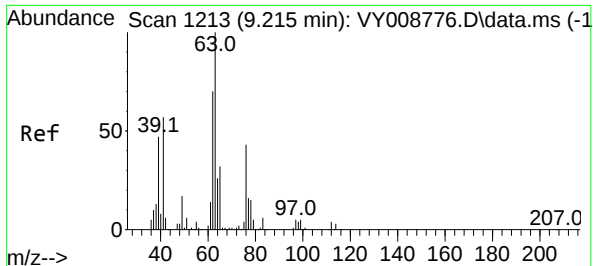
Tgt Ion:130 Resp: 99040

Ion Ratio Lower Upper

130 100

95 99.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 56.596 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

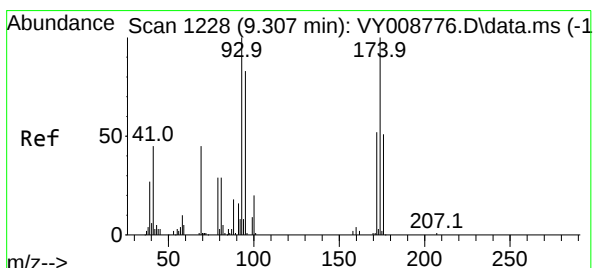
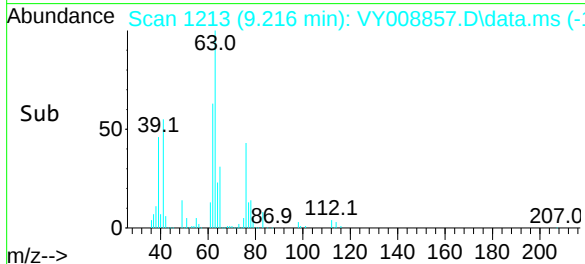
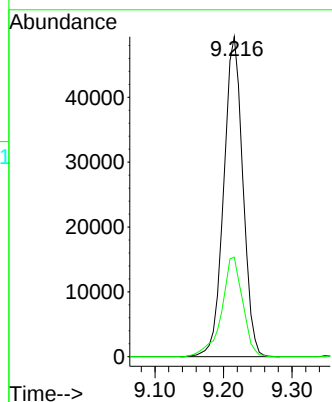
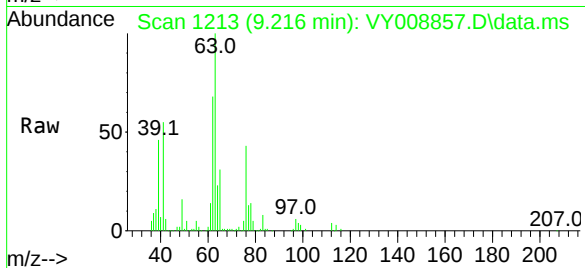
VSTDC050

Tgt Ion: 63 Resp: 95452

Ion Ratio Lower Upper

63 100

65 31.1 23.0 34.6



#46

Dibromomethane

Concen: 53.420 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

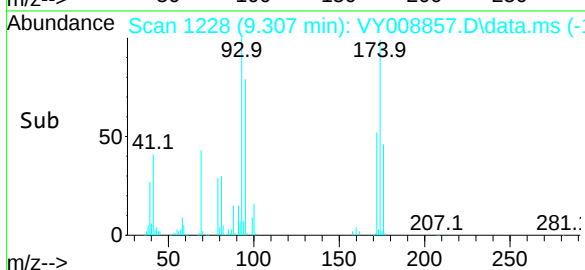
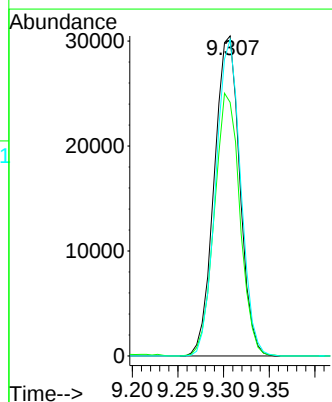
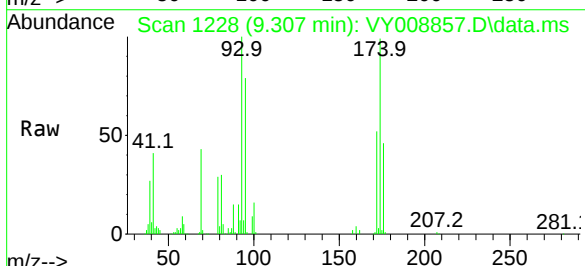
Tgt Ion: 93 Resp: 59202

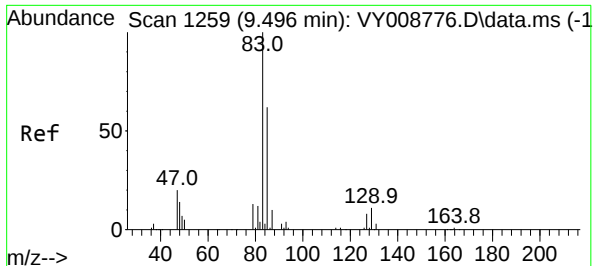
Ion Ratio Lower Upper

93 100

95 81.8 64.3 96.5

174 96.2 83.4 125.0

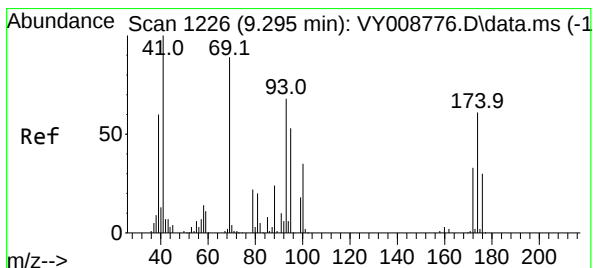
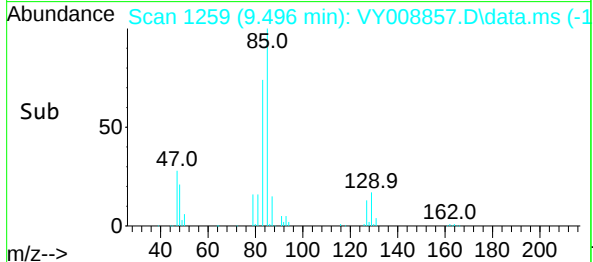
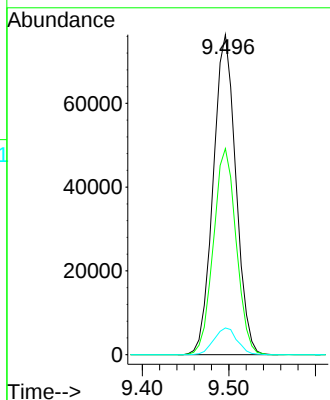
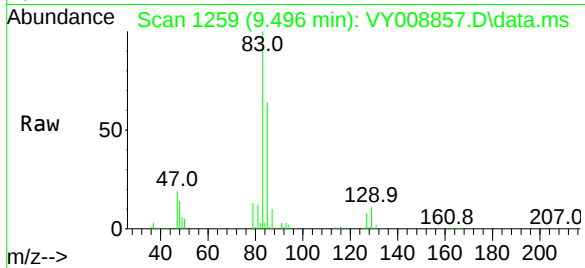




#47
Bromodichloromethane
Concen: 56.451 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

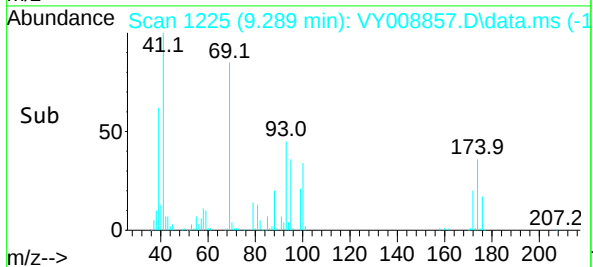
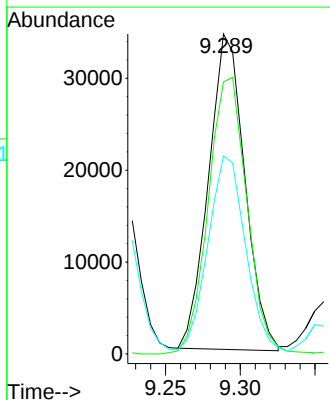
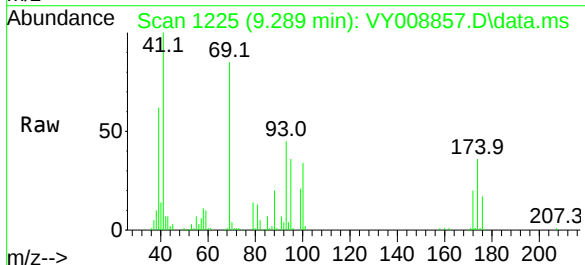
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

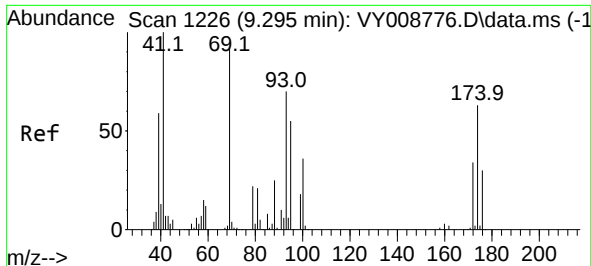
Tgt Ion: 83 Resp: 138689
Ion Ratio Lower Upper
83 100
85 64.4 51.9 77.9
127 8.4 6.6 10.0



#48
Methyl methacrylate
Concen: 52.392 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion: 41 Resp: 57879
Ion Ratio Lower Upper
41 100
69 93.6 58.2 87.2#
39 63.6 47.4 71.0





#49

1,4-Dioxane

Concen: 939.623 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

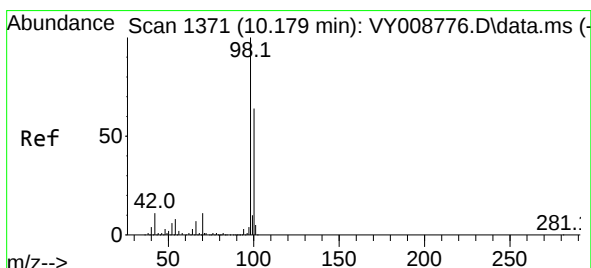
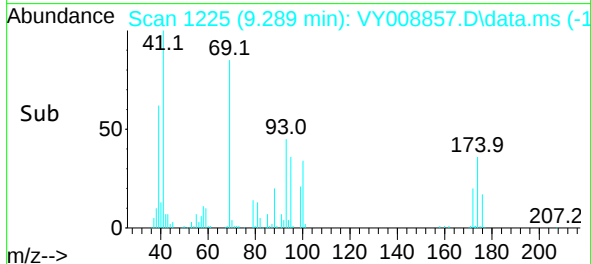
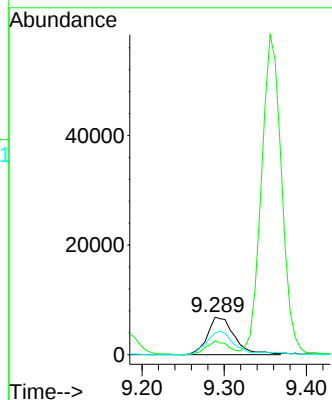
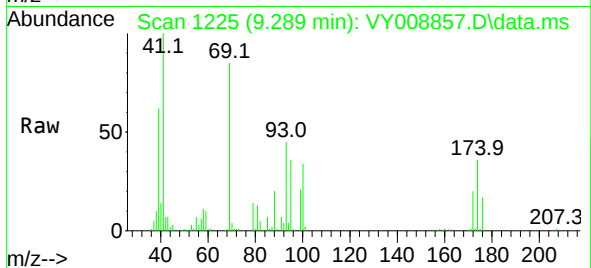
Tgt Ion: 88 Resp: 15641

Ion Ratio Lower Upper

88 100

43 31.6 32.8 49.2#

58 61.2 59.8 89.6



#50

Toluene-d8

Concen: 45.814 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008857.D

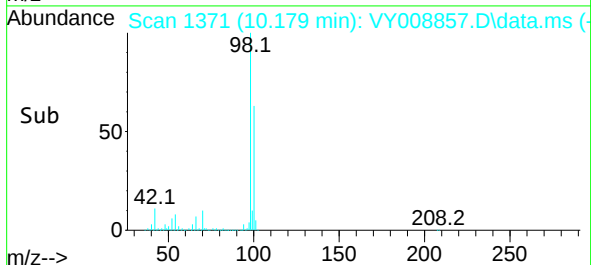
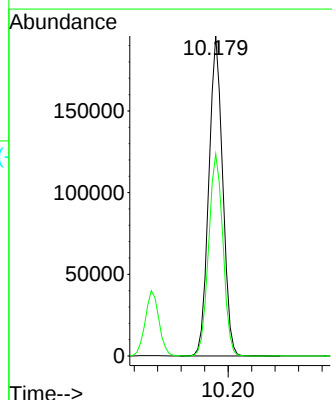
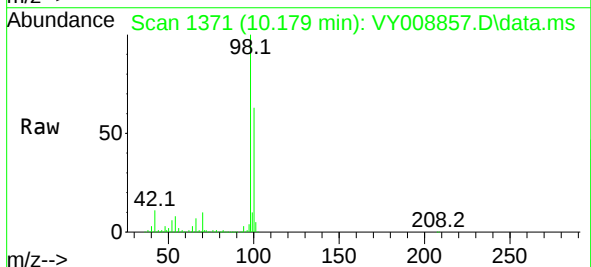
Acq: 19 May 2022 10:35

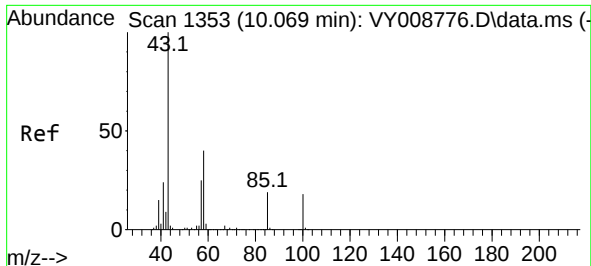
Tgt Ion: 98 Resp: 320474

Ion Ratio Lower Upper

98 100

100 64.9 50.2 75.2

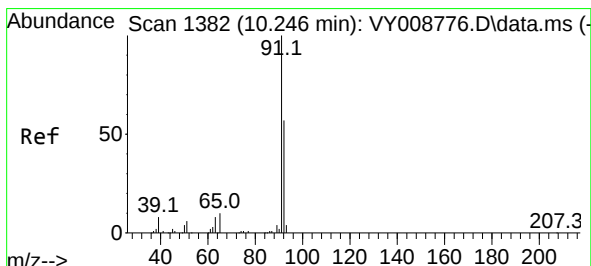
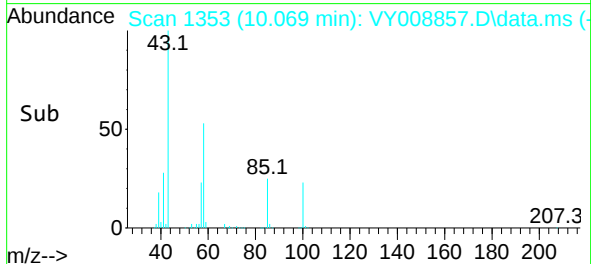
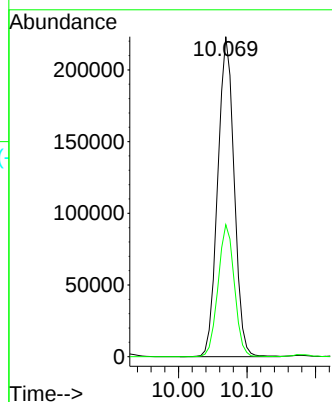
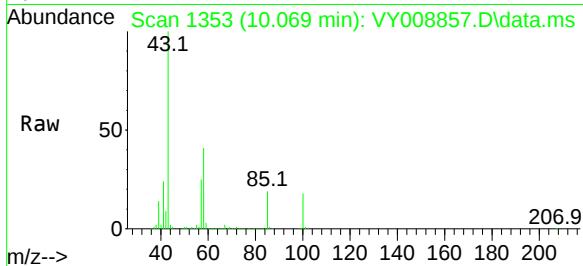




#51
4-Methyl-2-Pentanone
Concen: 249.698 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

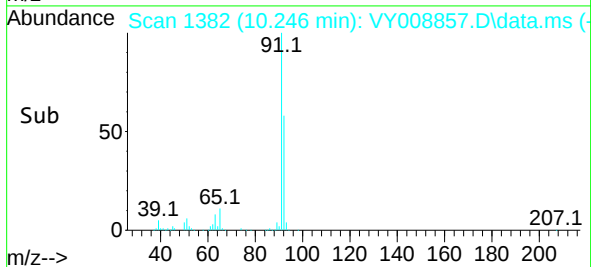
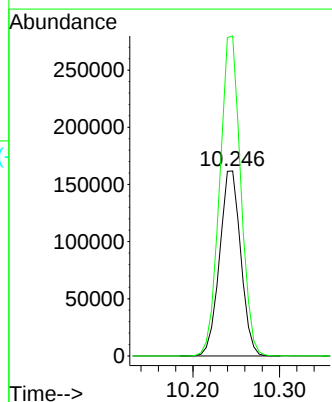
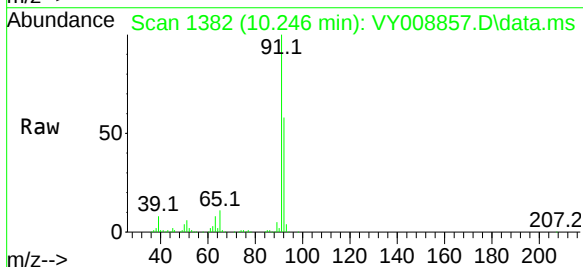
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

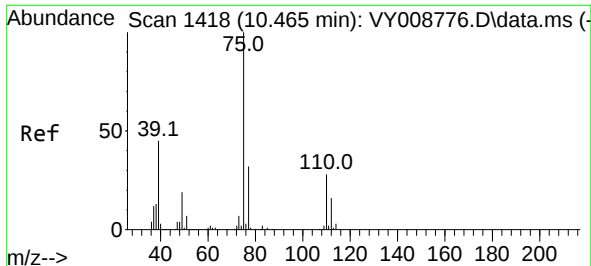
Tgt Ion: 43 Resp: 370873
Ion Ratio Lower Upper
43 100
58 40.9 28.1 42.1



#52
Toluene
Concen: 56.888 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion: 92 Resp: 274323
Ion Ratio Lower Upper
92 100
91 172.1 142.6 213.8

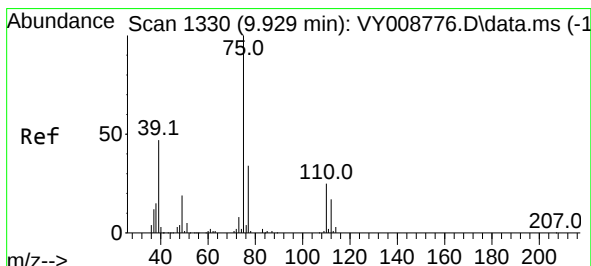
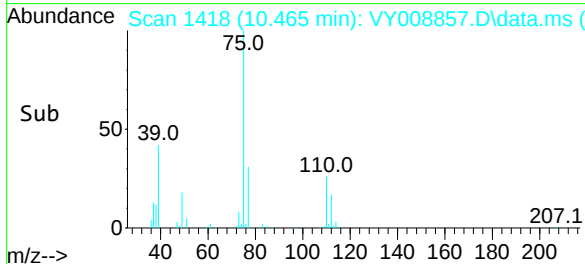
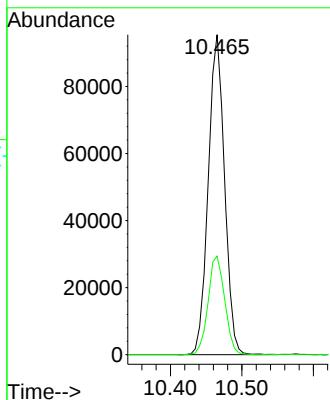
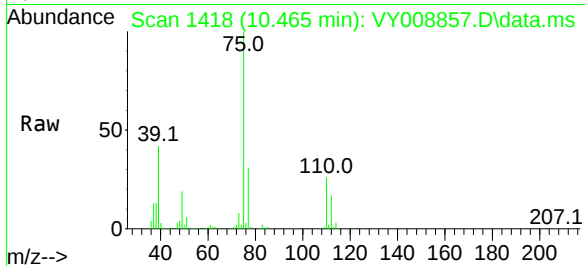




#53
 t-1,3-Dichloropropene
 Concen: 59.170 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008857.D
 Acq: 19 May 2022 10:35

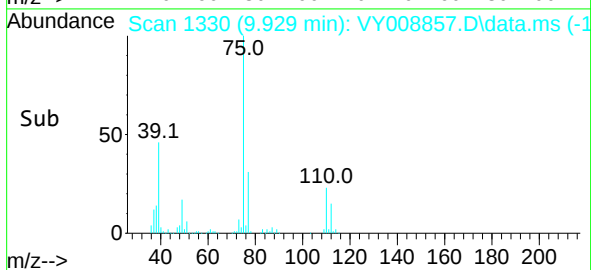
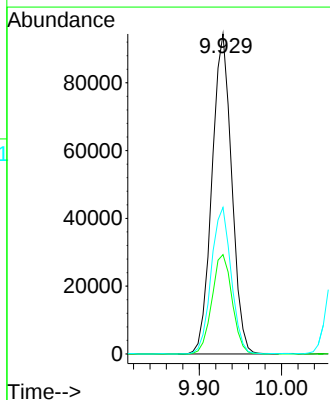
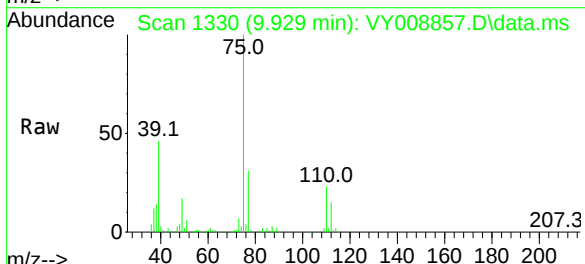
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

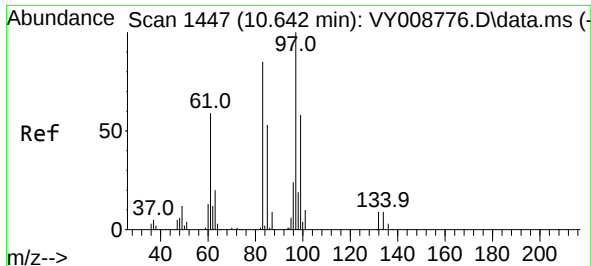
Tgt Ion: 75 Resp: 150996
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 57.124 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY008857.D
 Acq: 19 May 2022 10:35

Tgt Ion: 75 Resp: 157195
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.6 38.4
 39 45.8 47.6 71.4#

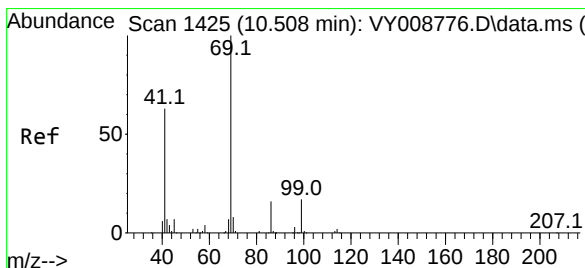
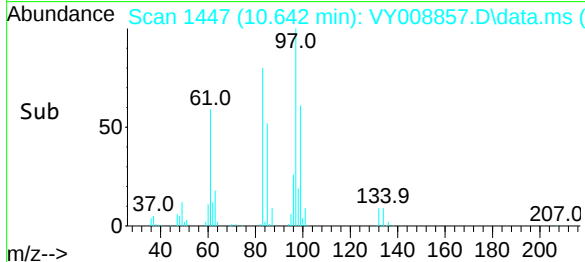
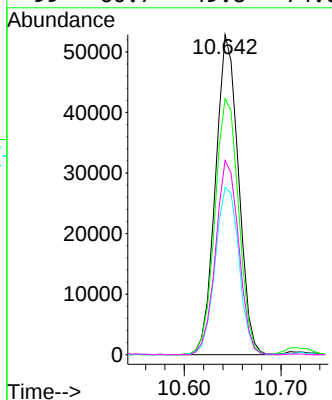
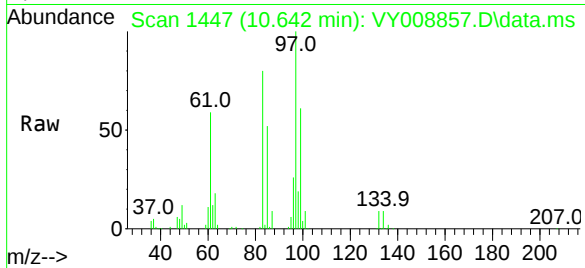




#55
1,1,2-Trichloroethane
Concen: 57.723 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

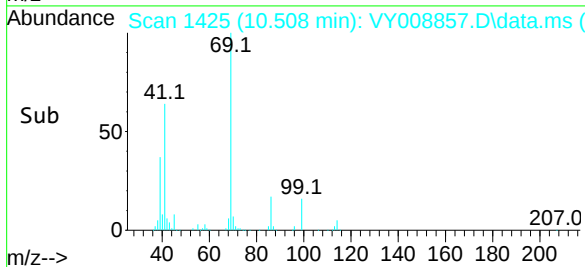
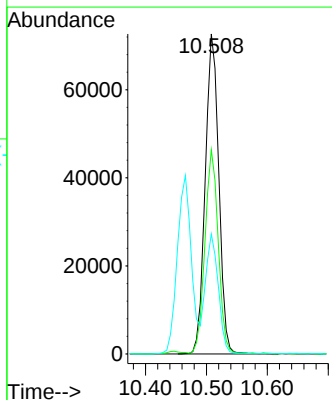
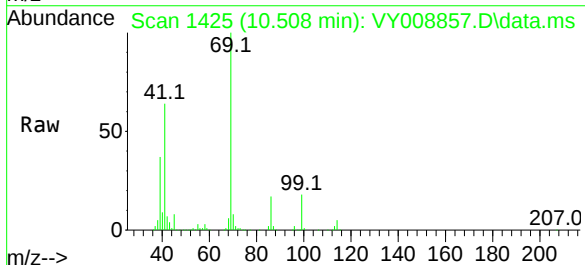
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

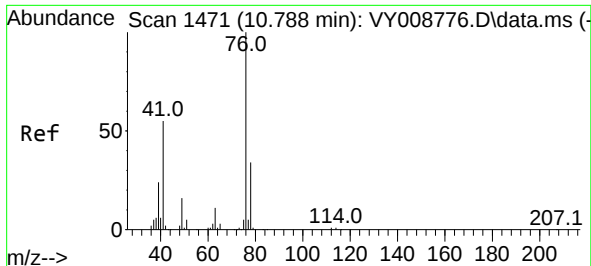
Tgt Ion: 97	Resp: 86990
Ion Ratio	Lower Upper
97 100	
83 80.0	69.8 104.8
85 52.3	44.3 66.5
99 60.7	49.8 74.6



#56
Ethyl methacrylate
Concen: 61.490 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion: 69	Resp: 112428
Ion Ratio	Lower Upper
69 100	
41 62.0	63.4 95.0#
39 34.9	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 56.823 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

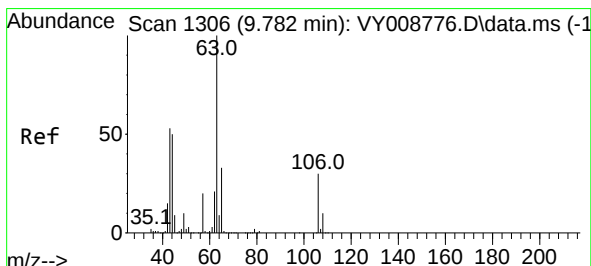
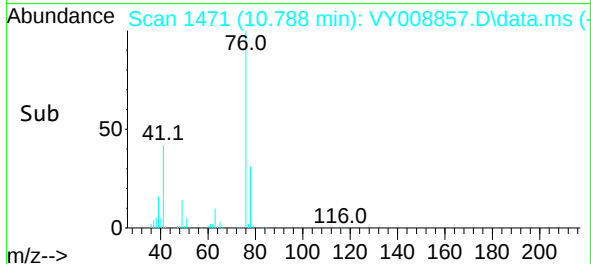
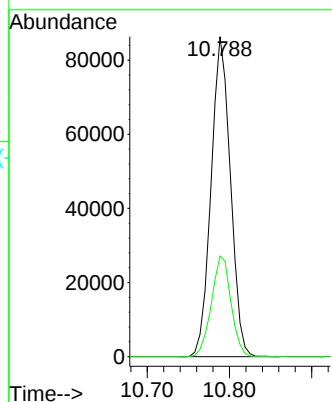
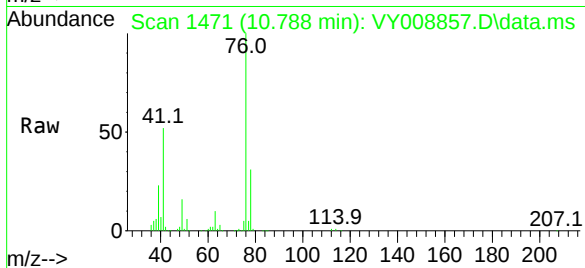
VSTDCCC050

Tgt Ion: 76 Resp: 140806

Ion Ratio Lower Upper

76 100

78 31.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 261.522 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008857.D

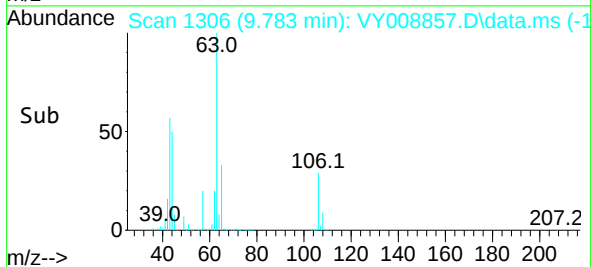
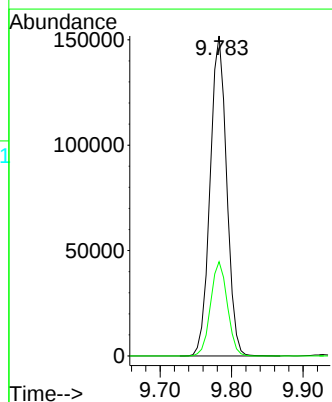
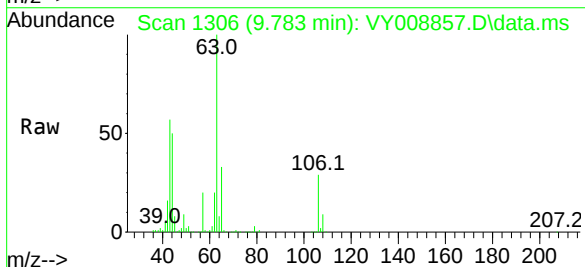
Acq: 19 May 2022 10:35

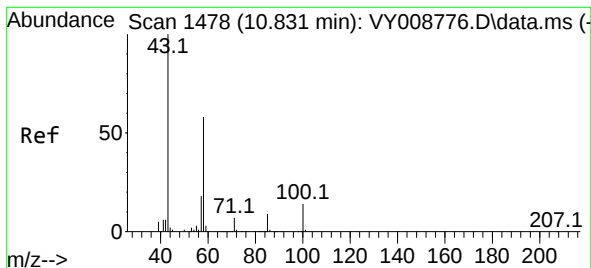
Tgt Ion: 63 Resp: 243834

Ion Ratio Lower Upper

63 100

106 29.7 21.5 32.3

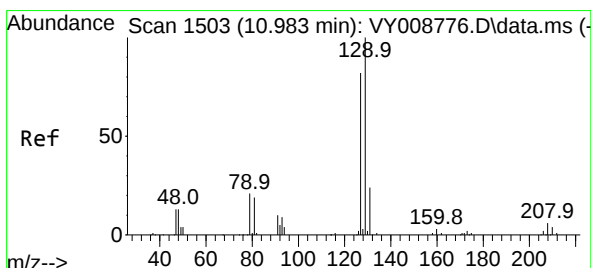
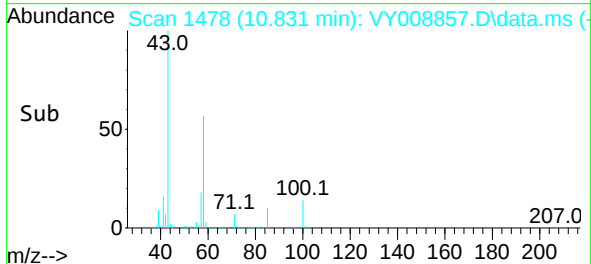
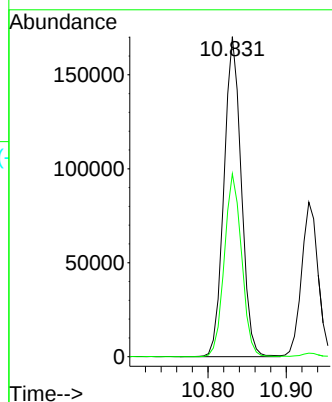
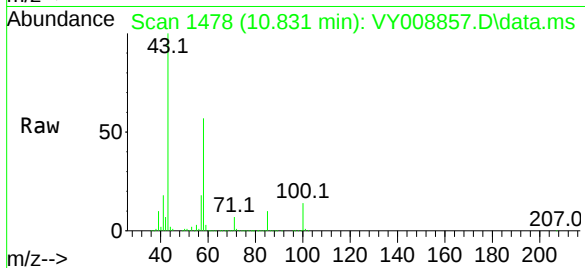




#59
2-Hexanone
Concen: 246.726 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

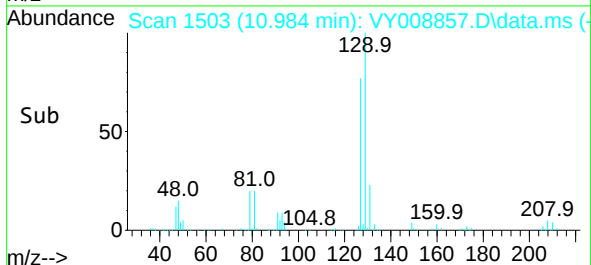
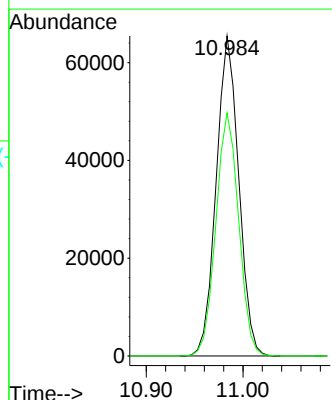
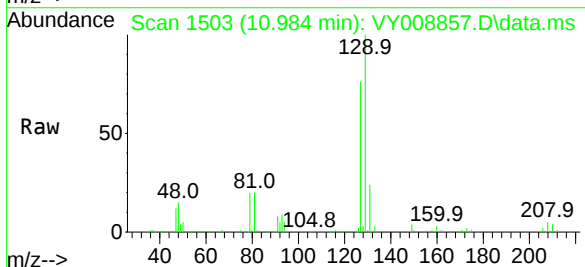
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

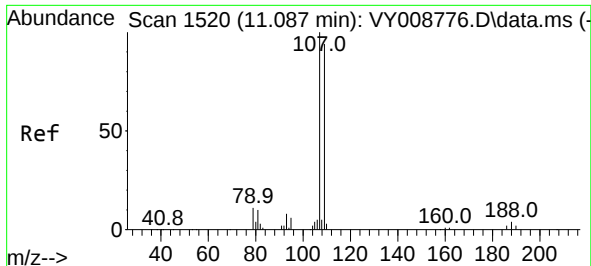
Tgt Ion: 43 Resp: 261837
Ion Ratio Lower Upper
43 100
58 57.0 24.4 73.4



#60
Dibromochloromethane
Concen: 58.480 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion: 129 Resp: 105798
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1

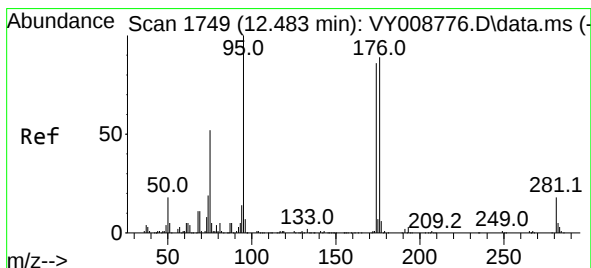
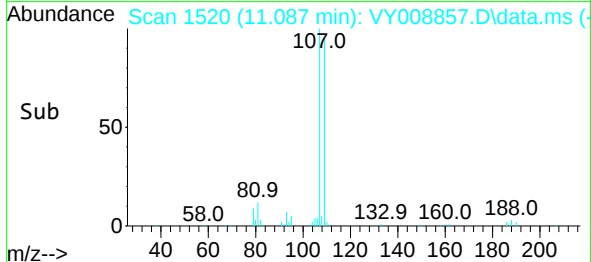
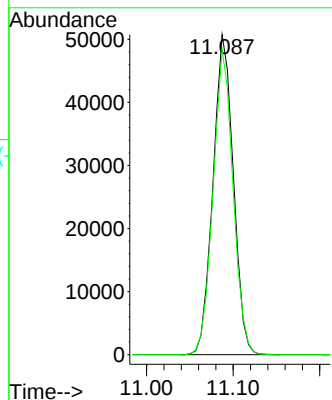
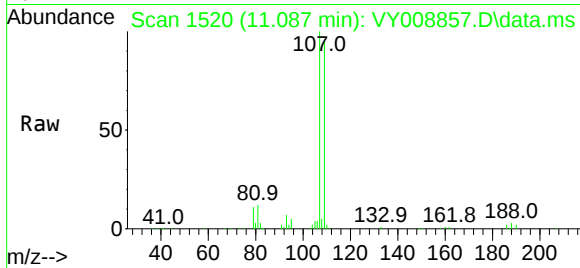




#61
1,2-Dibromoethane
Concen: 55.047 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

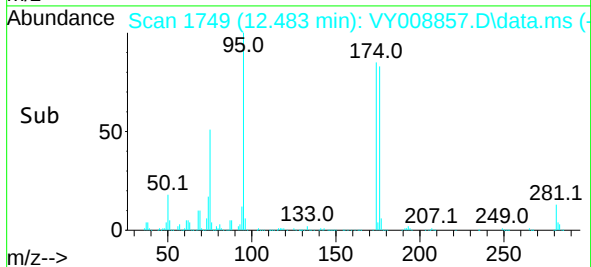
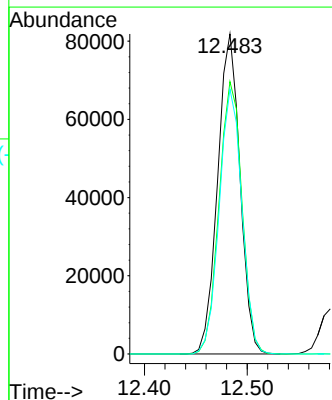
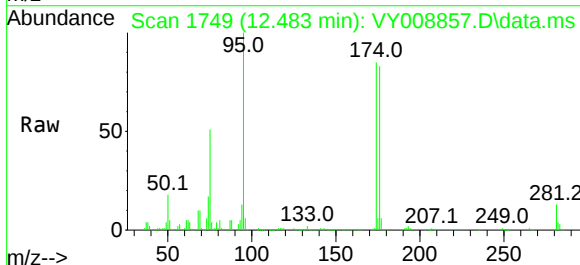
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

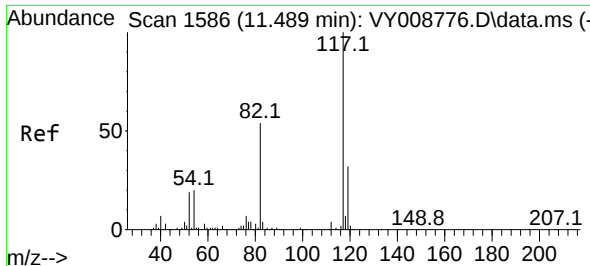
Tgt Ion:107 Resp: 82729
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 49.195 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion: 95 Resp: 123418
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 84.1 0.0 175.8

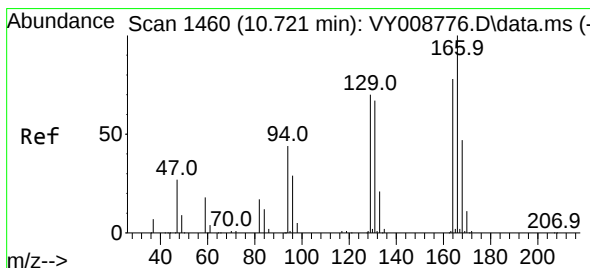
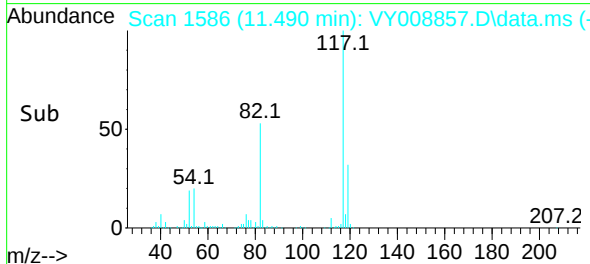
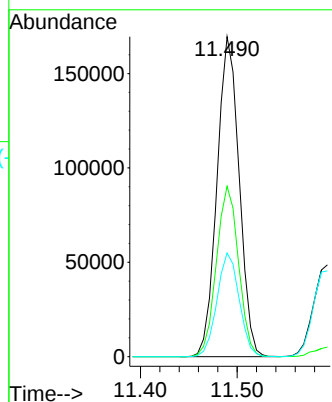
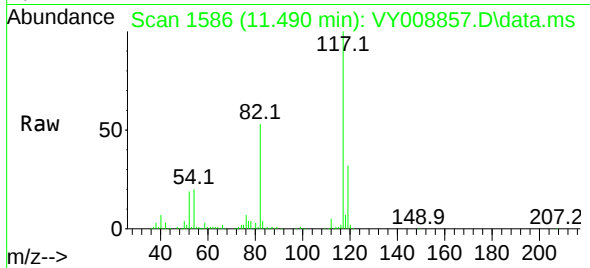




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

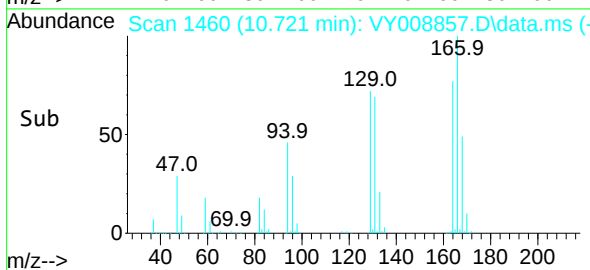
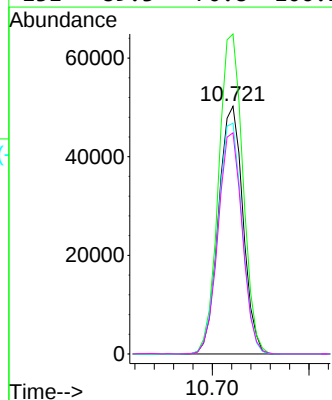
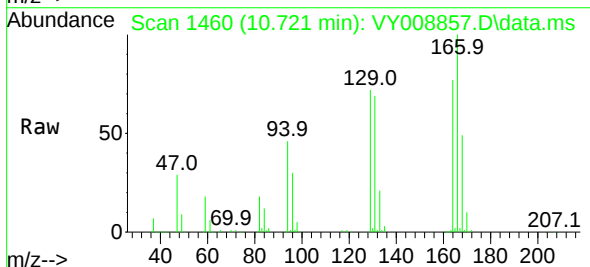
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

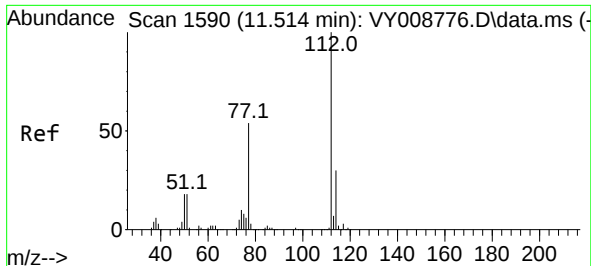
Tgt Ion:117 Resp: 269881
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 50.917 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion:164 Resp: 87963
Ion Ratio Lower Upper
164 100
166 129.2 100.4 150.6
129 93.2 71.4 107.0
131 89.3 70.8 106.2

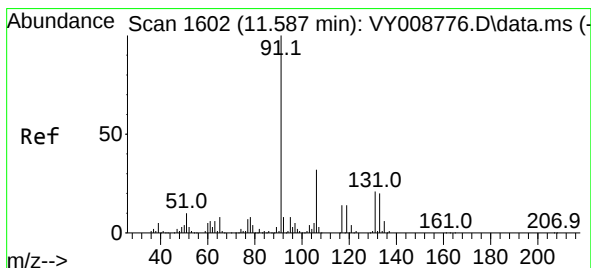
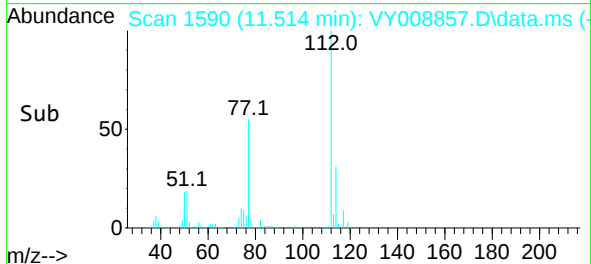
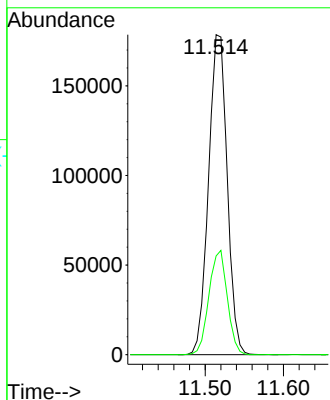
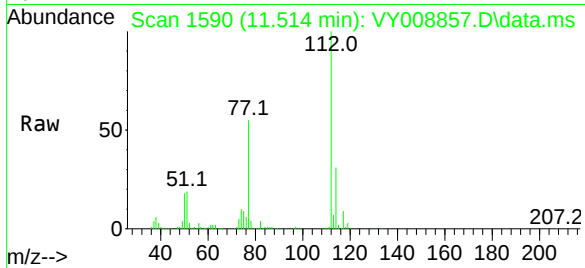




#65
Chlorobenzene
Concen: 54.001 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

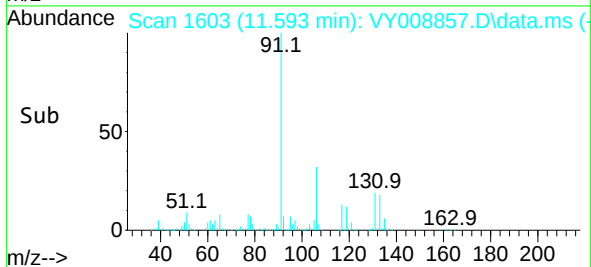
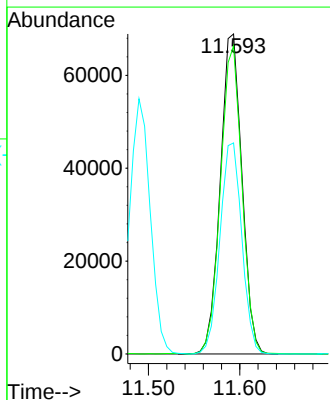
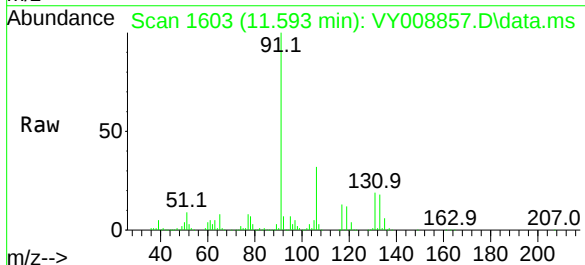
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

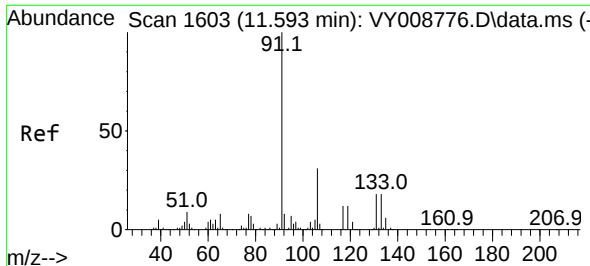
Tgt Ion:112 Resp: 294958
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.948 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion:131 Resp: 113639
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 66.5 30.8 92.3

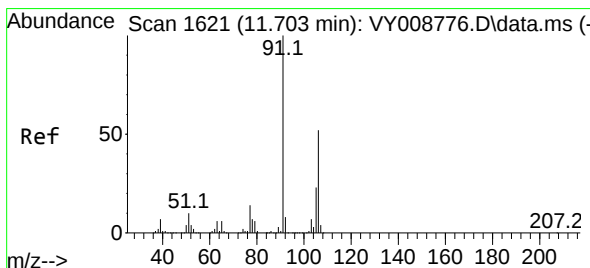
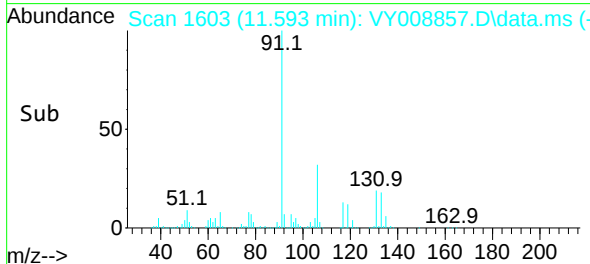
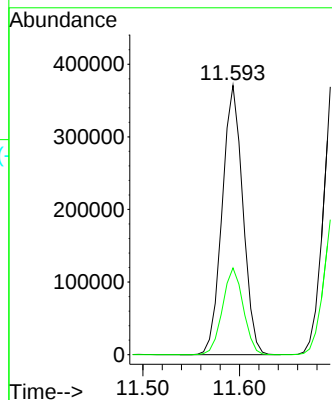
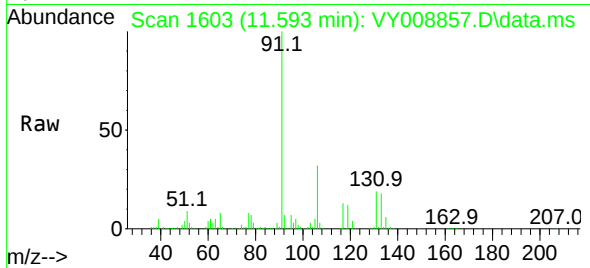




#67
Ethyl Benzene
Concen: 56.395 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

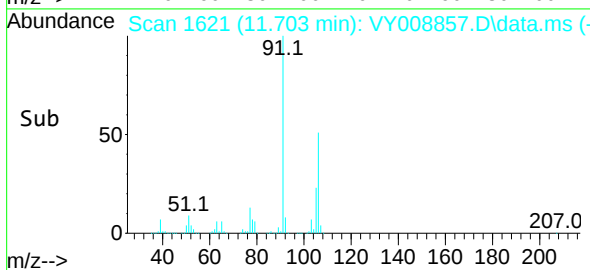
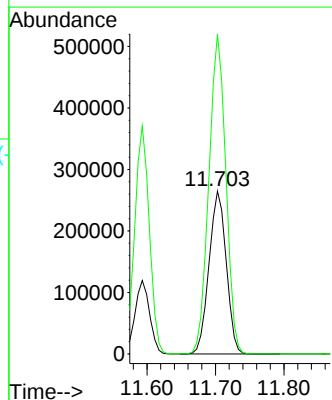
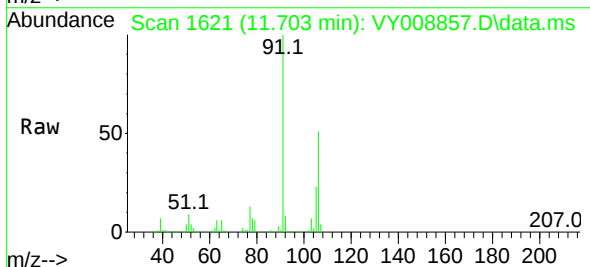
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

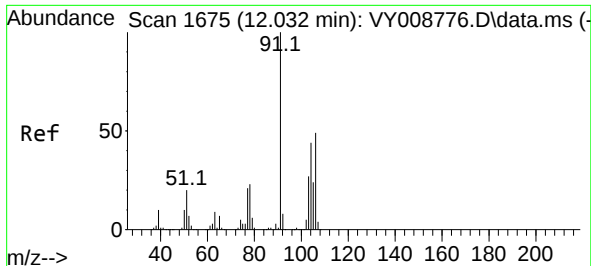
Tgt Ion: 91 Resp: 550096
Ion Ratio Lower Upper
91 100
106 32.2 24.5 36.7



#68
m/p-Xylenes
Concen: 118.832 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion: 106 Resp: 461777
Ion Ratio Lower Upper
106 100
91 194.2 166.6 249.8

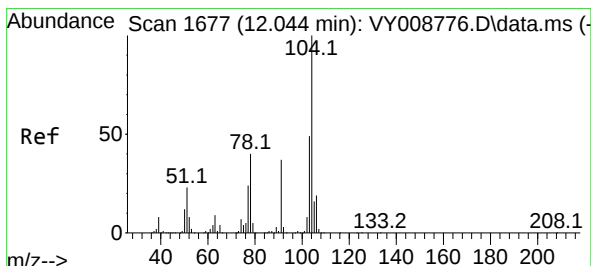
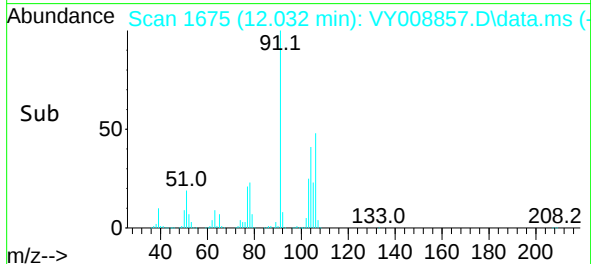
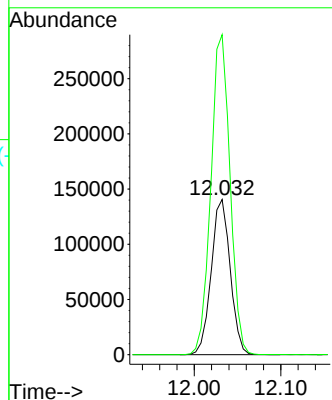
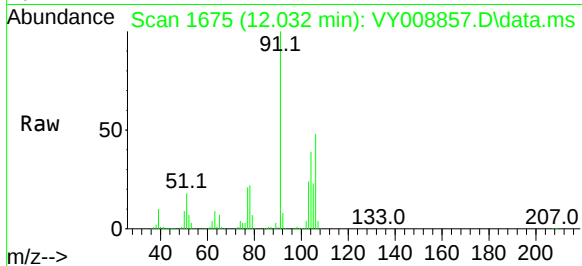




#69
o-Xylene
Concen: 59.630 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

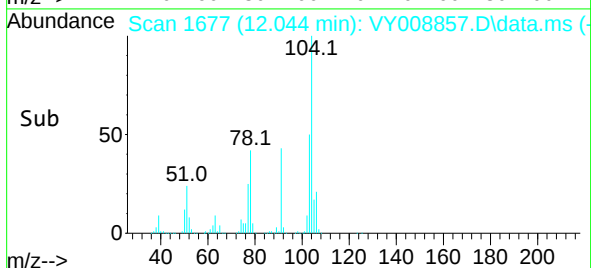
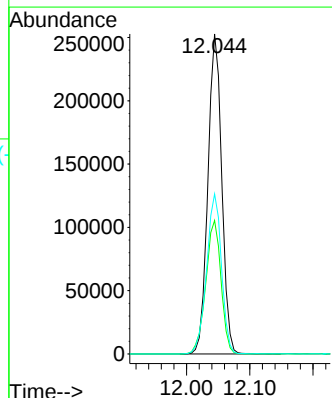
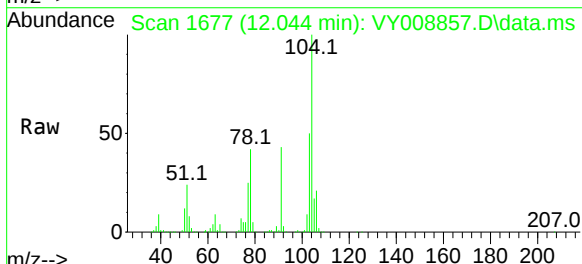
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

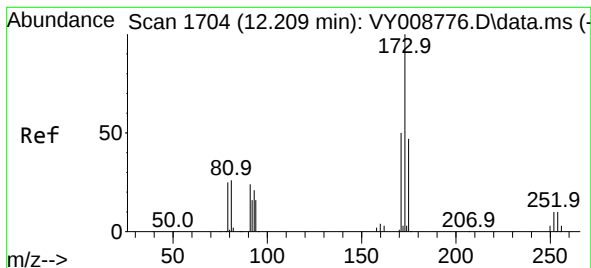
Tgt Ion:106 Resp: 214107
Ion Ratio Lower Upper
106 100
91 208.0 110.3 331.0



#70
Styrene
Concen: 63.470 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion:104 Resp: 385784
Ion Ratio Lower Upper
104 100
78 45.8 42.4 63.6
103 53.8 44.4 66.6





#71

Bromoform

Concen: 58.185 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

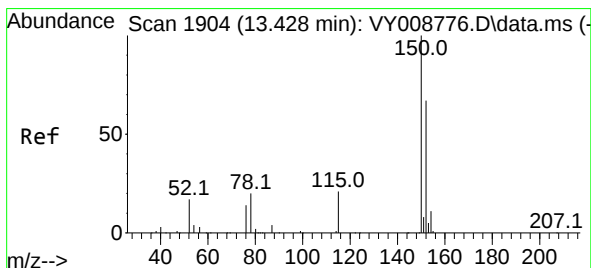
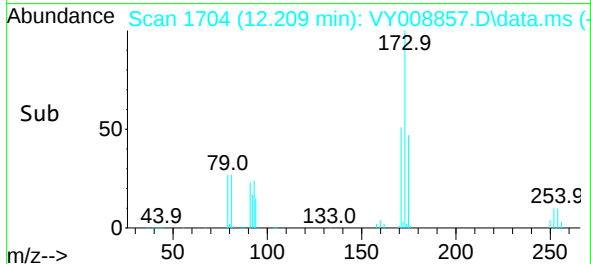
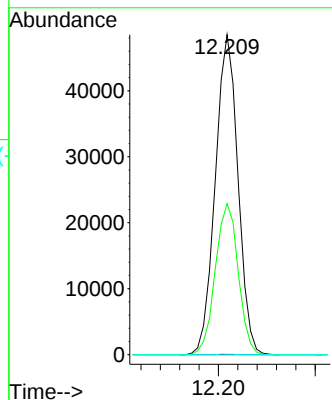
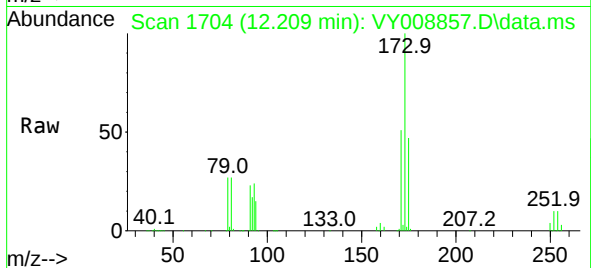
Tgt Ion:173 Resp: 78819

Ion Ratio Lower Upper

173 100

175 47.6 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

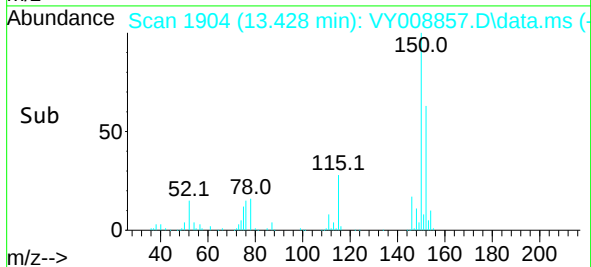
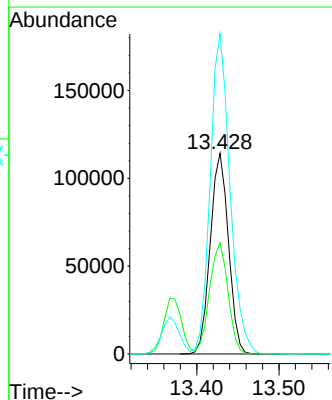
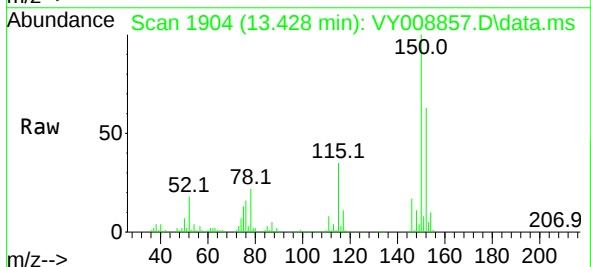
Tgt Ion:152 Resp: 175406

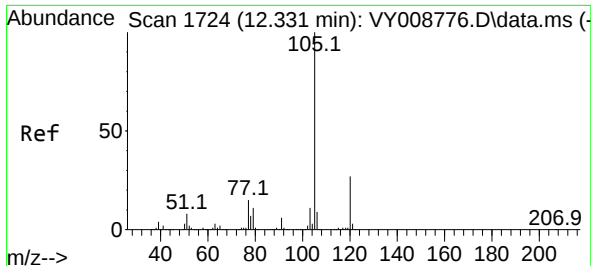
Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

150 173.8 0.0 347.6

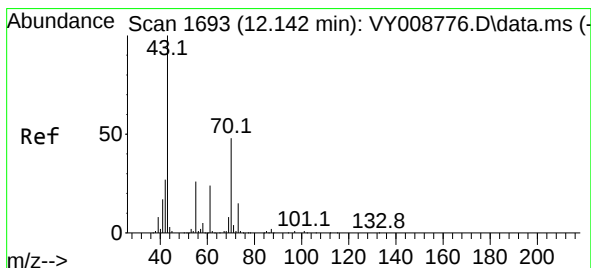
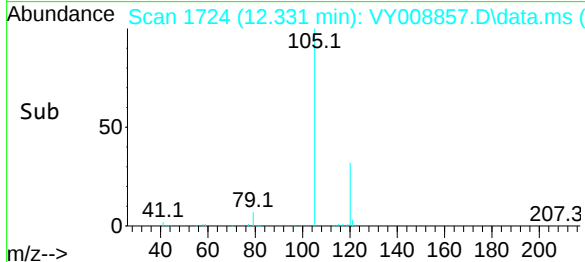
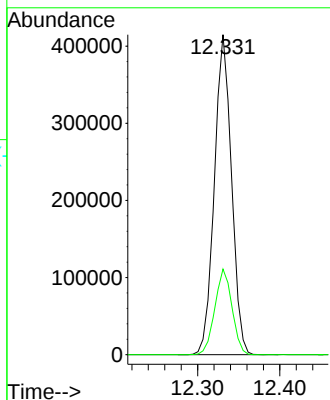
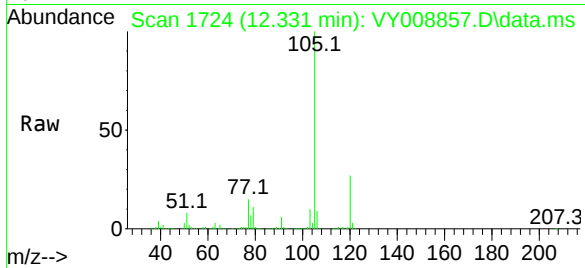




#73
Isopropylbenzene
Concen: 49.988 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

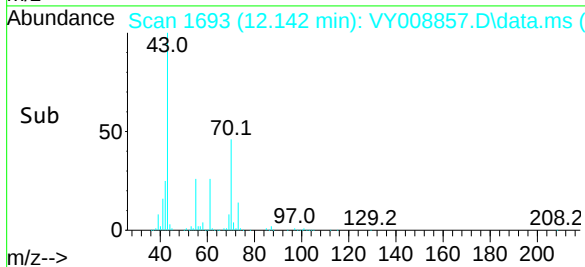
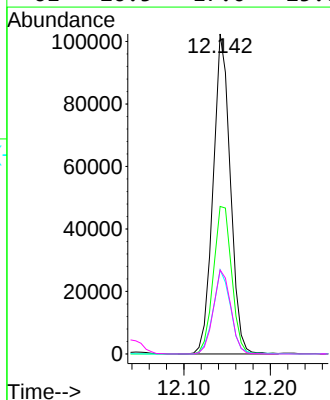
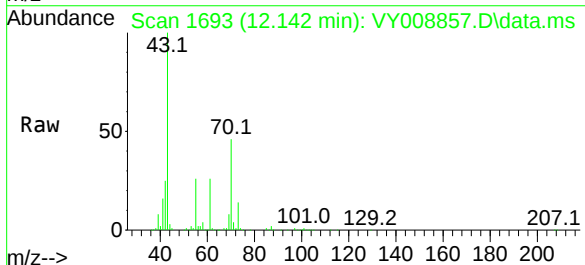
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

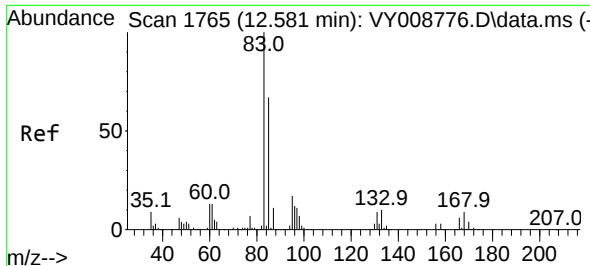
Tgt Ion:105 Resp: 601356
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2



#74
N-ethyl acetate
Concen: 49.266 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion: 43 Resp: 141465
Ion Ratio Lower Upper
43 100
70 49.1 28.7 43.1#
55 26.6 17.3 25.9#
61 26.5 17.0 25.6#

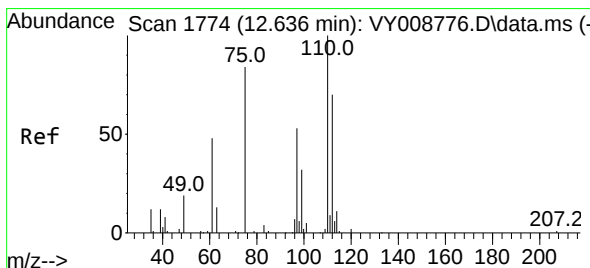
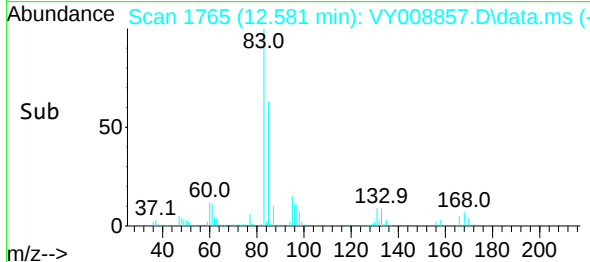
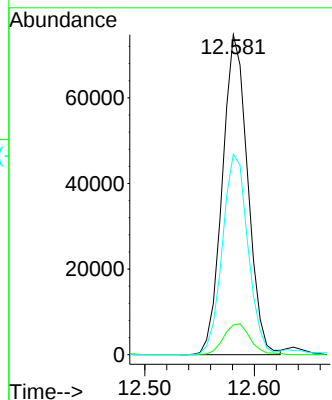
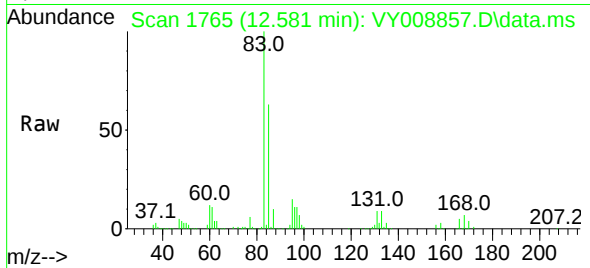




#75
1,1,2,2-Tetrachloroethane
Concen: 44.796 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

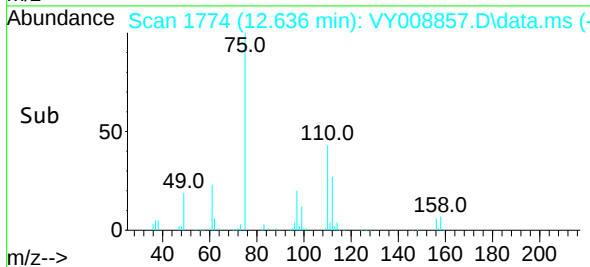
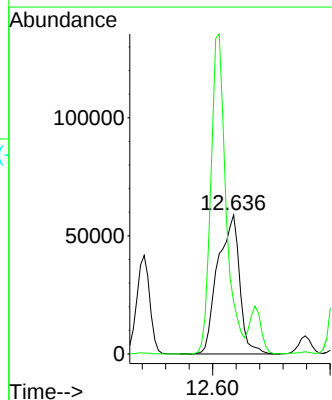
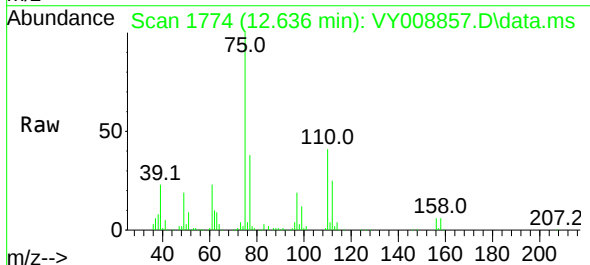
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

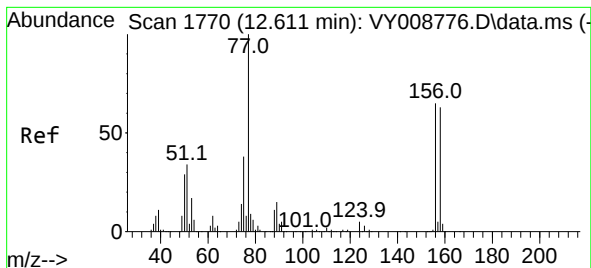
Tgt Ion: 83 Resp: 119805
Ion Ratio Lower Upper
83 100
131 10.2 5.6 16.8
85 63.5 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 75.017 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion: 75 Resp: 151998
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.132 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

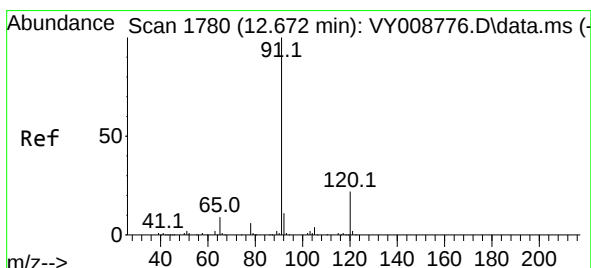
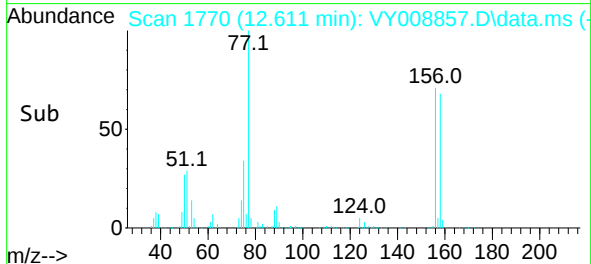
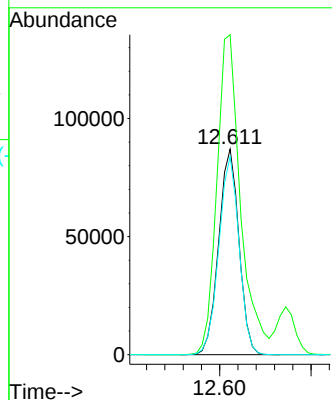
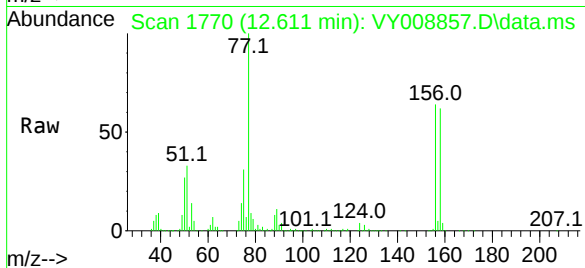
Tgt Ion:156 Resp: 134167

Ion Ratio Lower Upper

156 100

77 181.9 95.5 286.4

158 96.0 48.0 144.0



#78

n-propylbenzene

Concen: 51.003 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008857.D

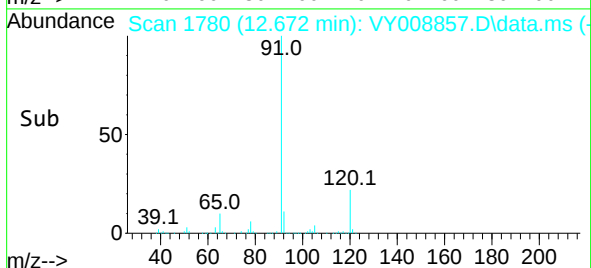
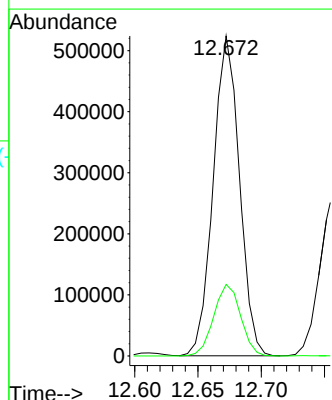
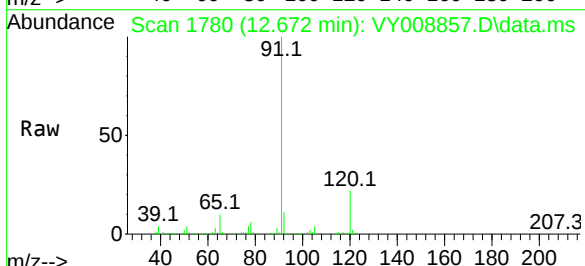
Acq: 19 May 2022 10:35

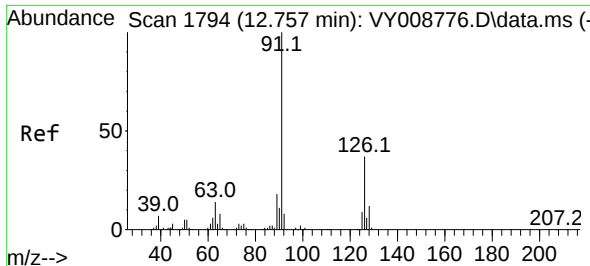
Tgt Ion: 91 Resp: 753767

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.9

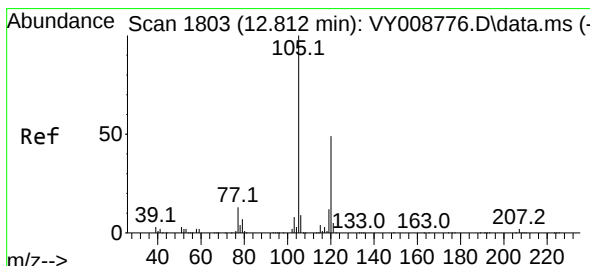
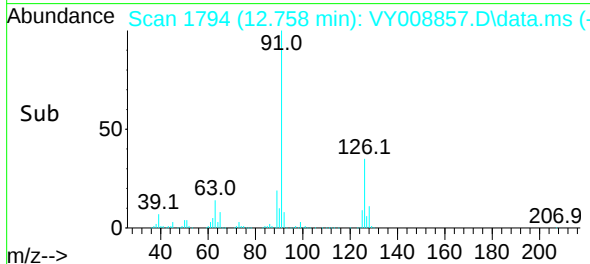
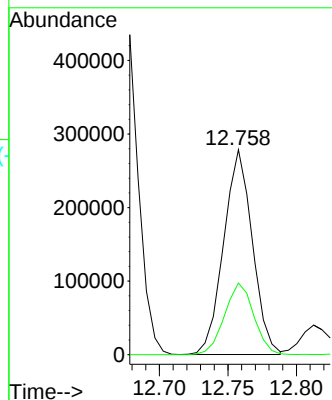
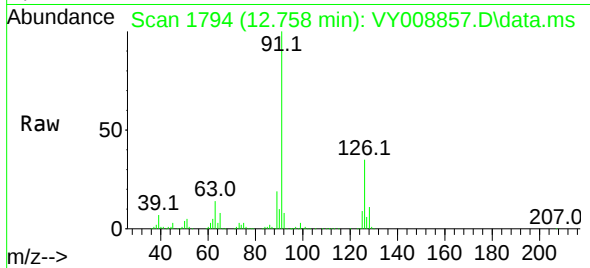




#79
2-Chlorotoluene
Concen: 50.747 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

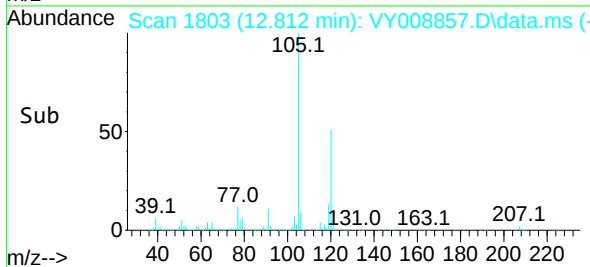
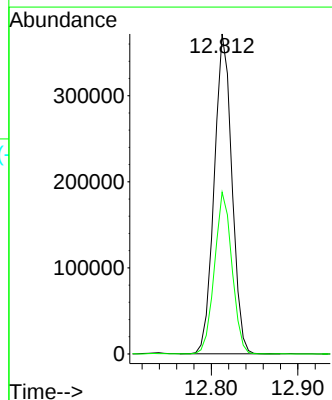
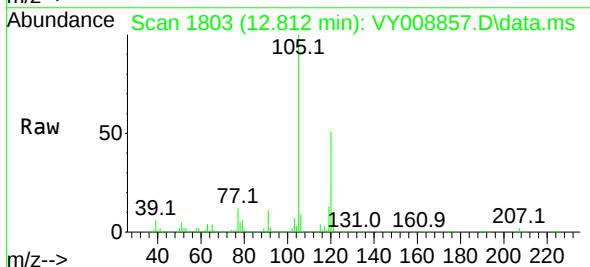
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

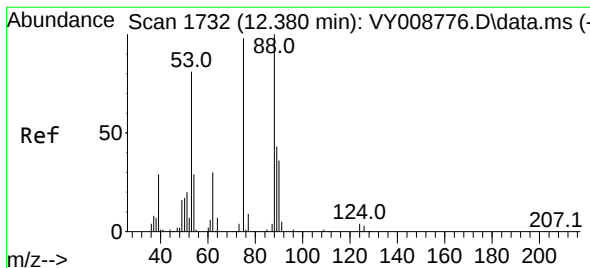
Tgt Ion: 91 Resp: 406217
Ion Ratio Lower Upper
91 100
126 35.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 54.208 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion: 105 Resp: 526520
Ion Ratio Lower Upper
105 100
120 49.8 24.4 73.4

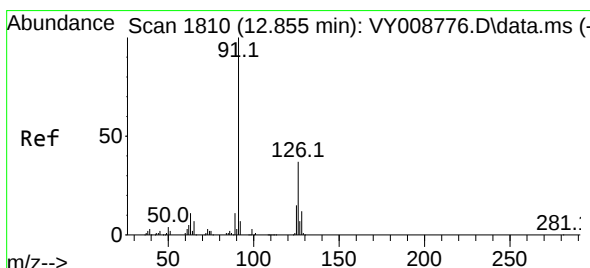
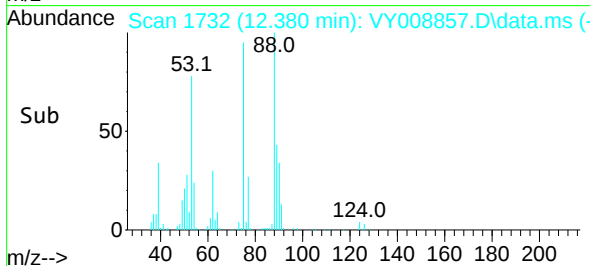
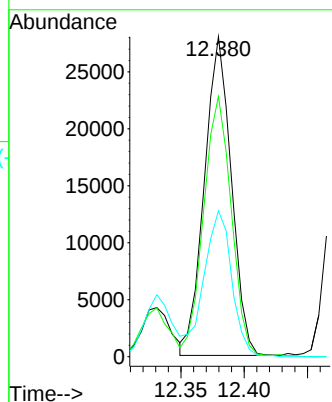
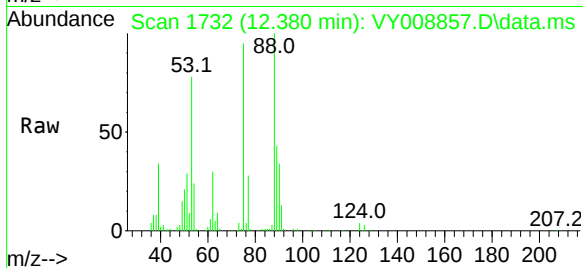




#81
trans-1,4-Dichloro-2-butene
Concen: 44.701 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

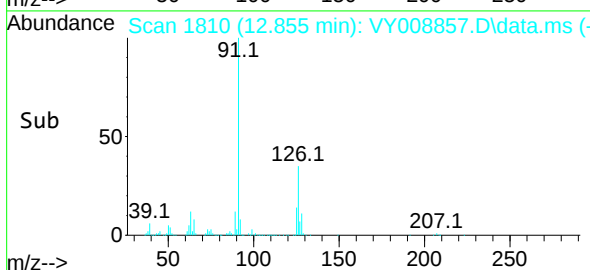
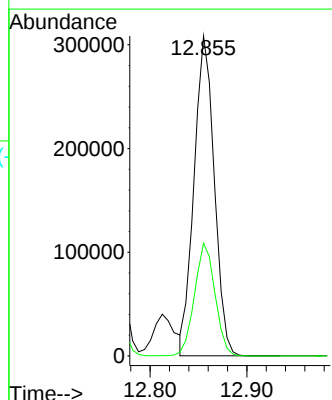
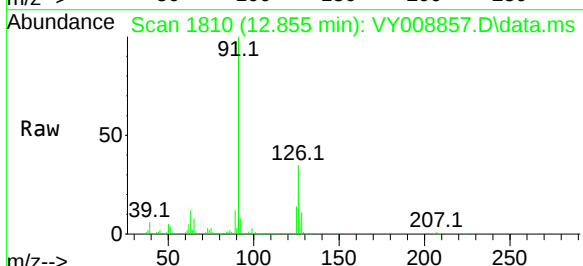
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

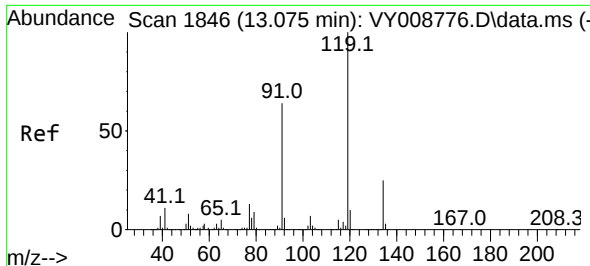
Tgt Ion: 75 Resp: 41409
Ion Ratio Lower Upper
75 100
53 84.5 85.3 127.9#
89 47.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 53.045 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion: 91 Resp: 448578
Ion Ratio Lower Upper
91 100
126 35.8 17.0 51.0

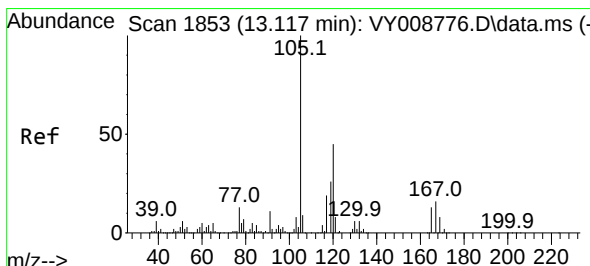
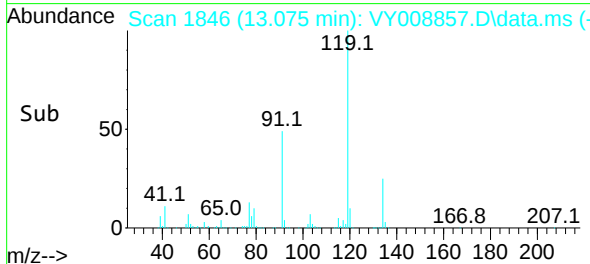
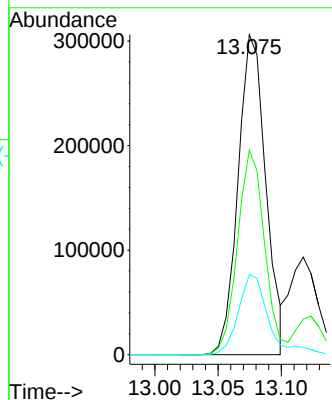
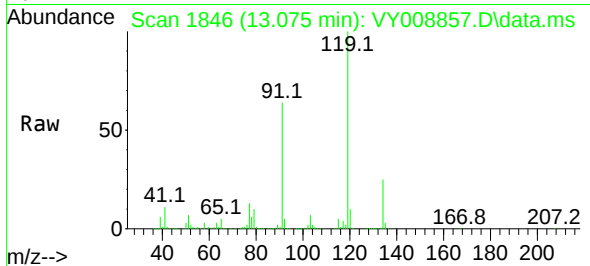




#83
tert-Butylbenzene
Concen: 53.587 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

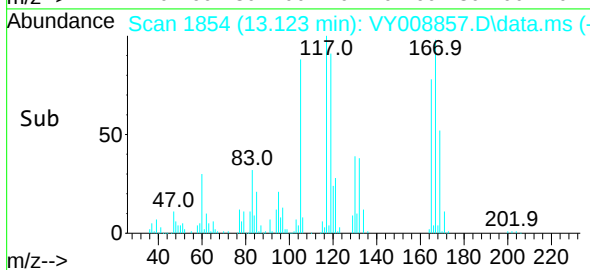
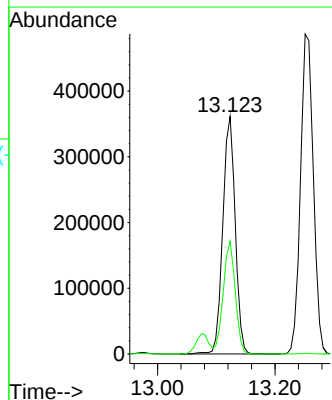
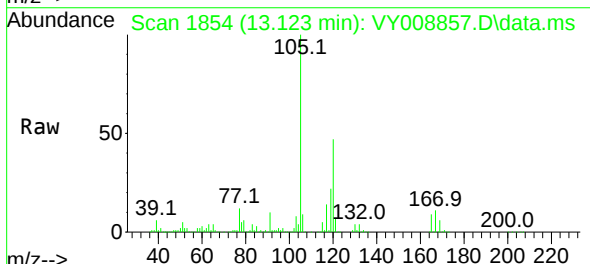
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

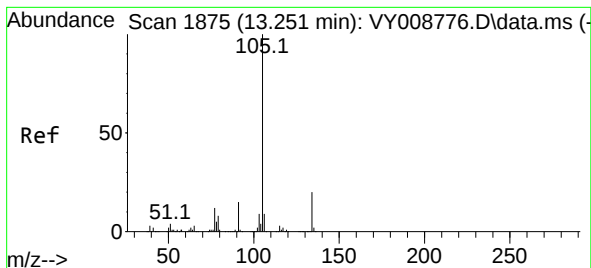
Tgt Ion:119 Resp: 468090
Ion Ratio Lower Upper
119 100
91 62.7 34.8 104.4
134 27.3 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 55.198 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion:105 Resp: 530759
Ion Ratio Lower Upper
105 100
120 46.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 54.095 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

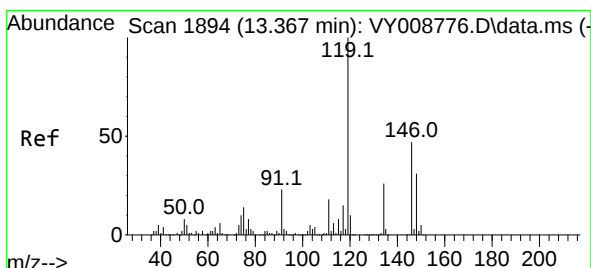
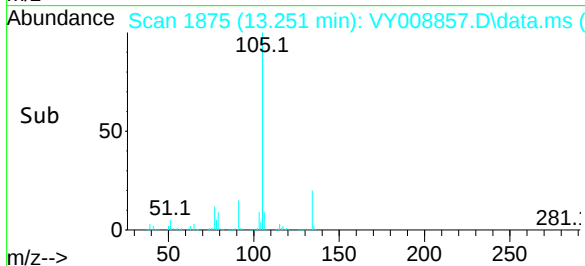
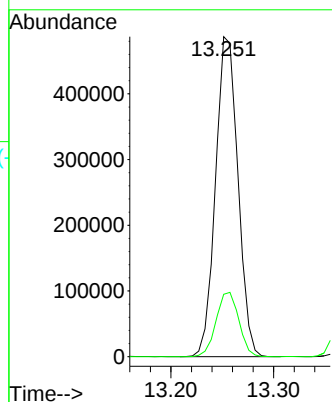
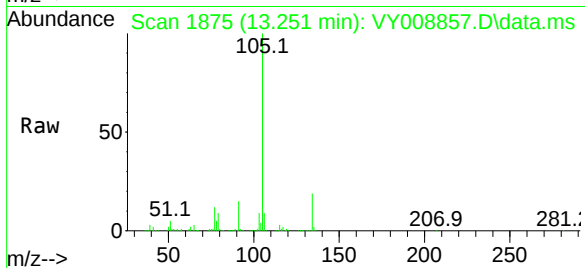
VSTDCCC050

Tgt Ion:105 Resp: 737228

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 56.252 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

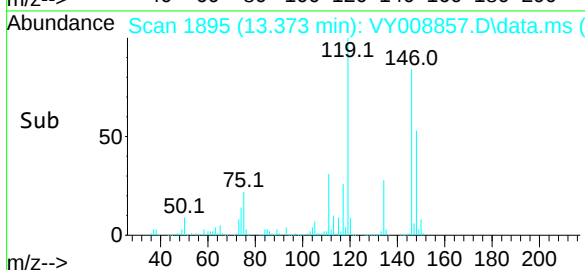
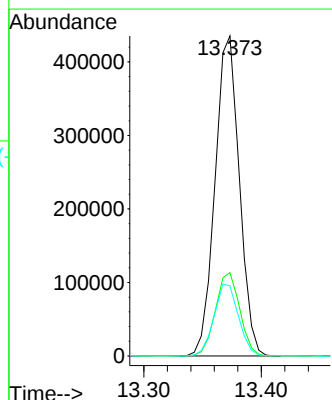
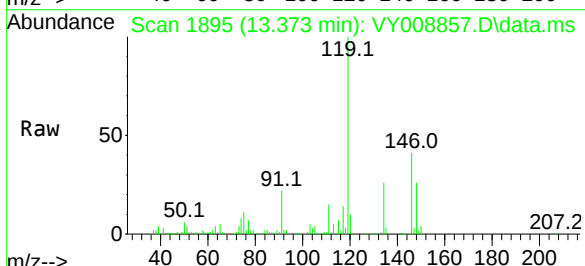
Tgt Ion:119 Resp: 625102

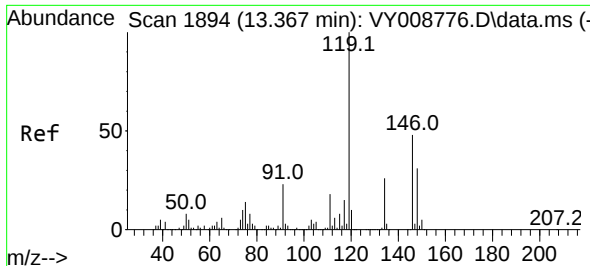
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

91 22.6 12.4 37.2

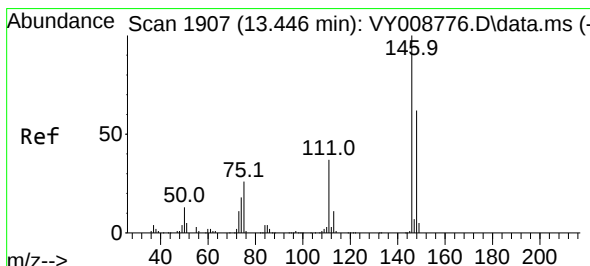
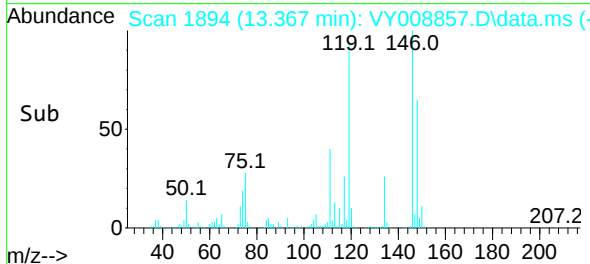
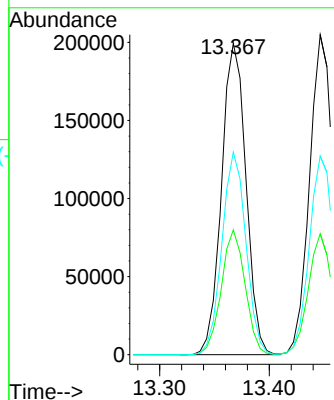
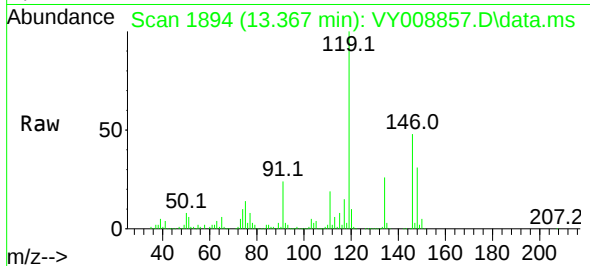




#87
1,3-Dichlorobenzene
Concen: 52.727 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

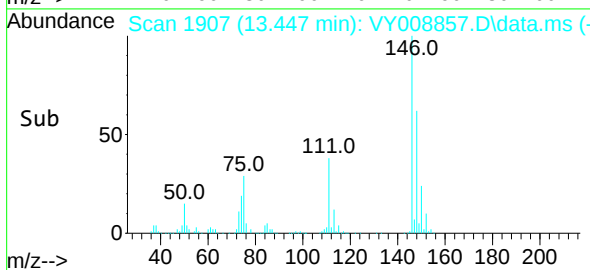
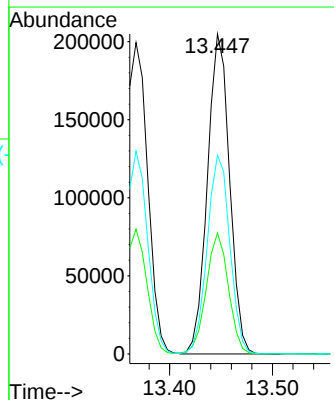
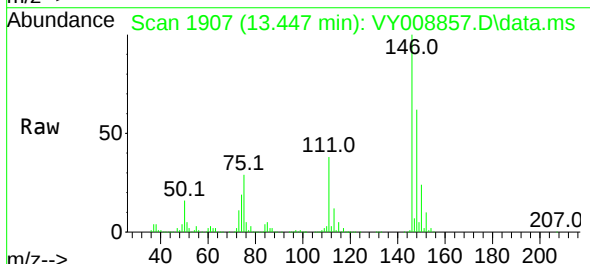
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

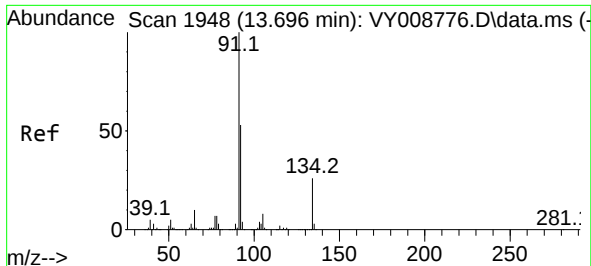
Tgt Ion:146 Resp: 308823
Ion Ratio Lower Upper
146 100
111 39.0 19.5 58.5
148 63.9 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 53.064 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion:146 Resp: 307419
Ion Ratio Lower Upper
146 100
111 37.8 19.3 57.8
148 63.4 32.6 97.8

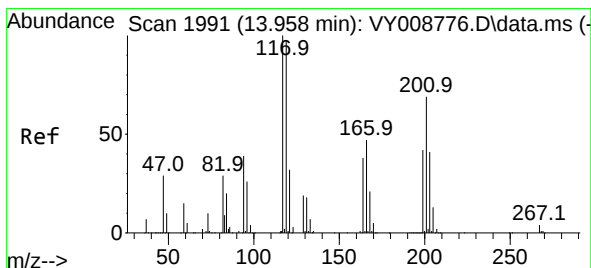
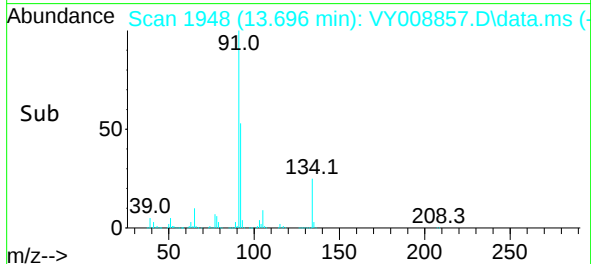
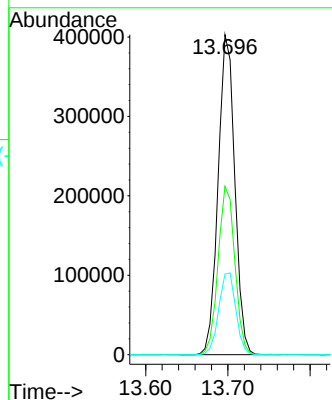
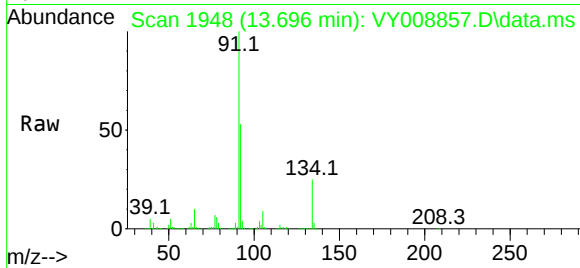




#89
n-Butylbenzene
Concen: 53.859 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

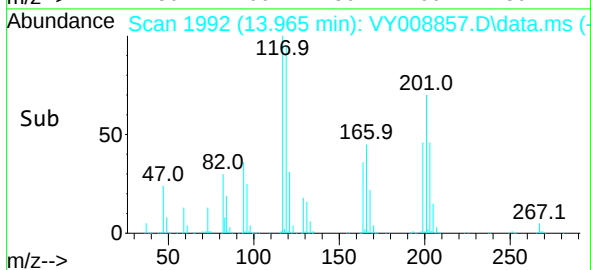
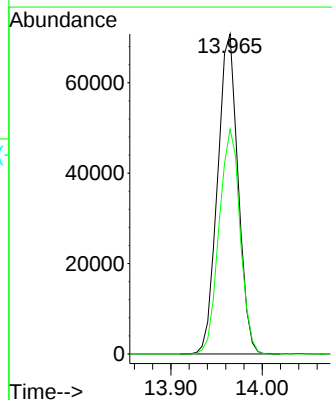
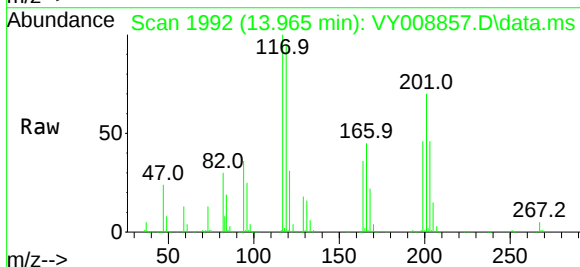
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

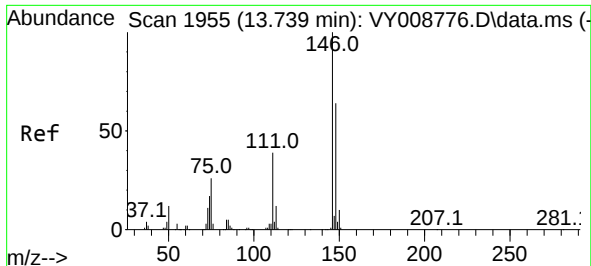
Tgt Ion: 91 Resp: 568105
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.9
134 26.3 13.0 38.9



#90
Hexachloroethane
Concen: 52.526 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY008857.D
Acq: 19 May 2022 10:35

Tgt Ion: 117 Resp: 110358
Ion Ratio Lower Upper
117 100
201 72.2 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 52.891 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

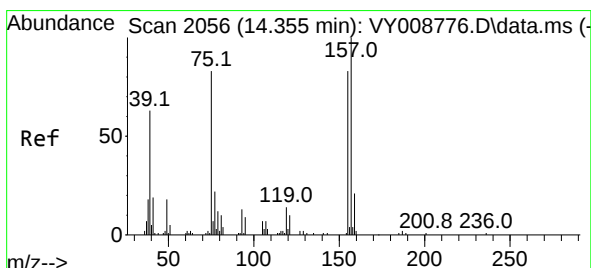
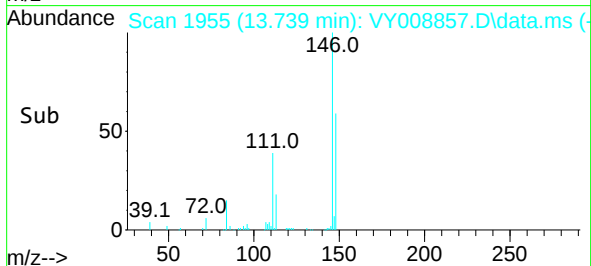
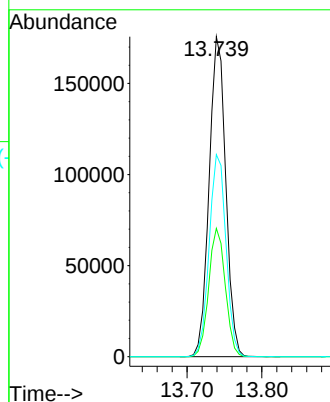
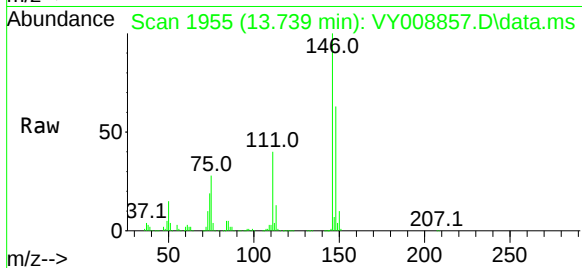
Tgt Ion:146 Resp: 270904

Ion Ratio Lower Upper

146 100

111 40.0 20.3 60.9

148 64.0 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.648 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

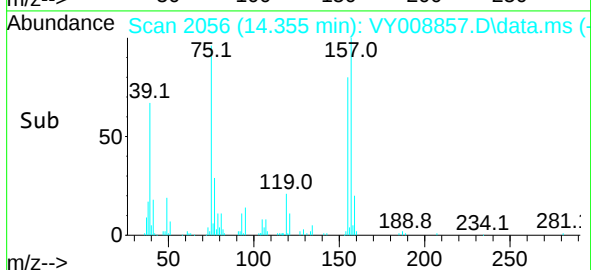
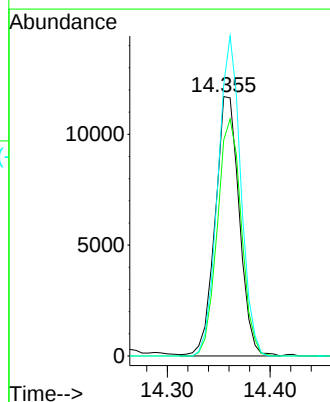
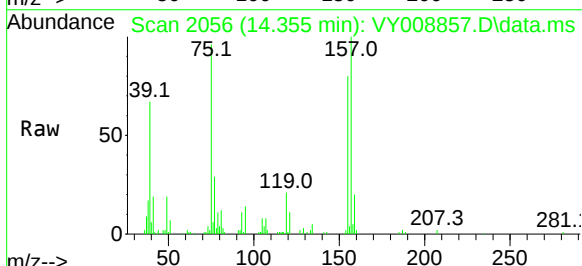
Tgt Ion: 75 Resp: 19045

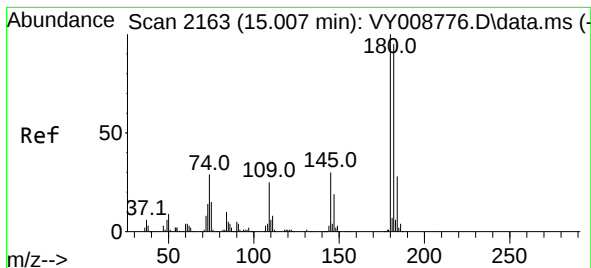
Ion Ratio Lower Upper

75 100

155 90.5 38.0 113.9

157 116.1 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 52.731 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

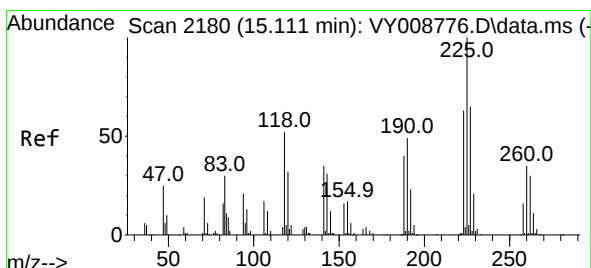
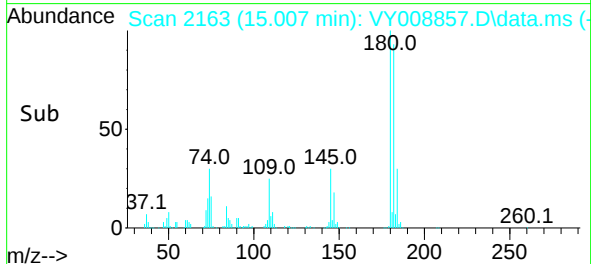
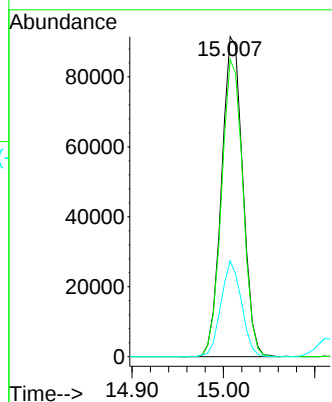
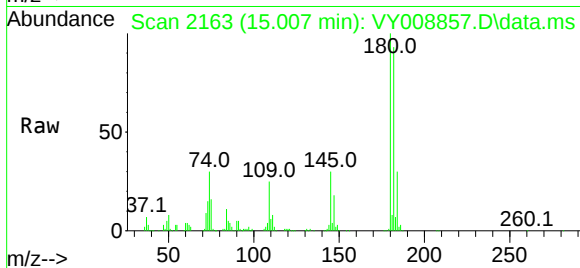
Tgt Ion:180 Resp: 147486

Ion Ratio Lower Upper

180 100

182 93.5 47.3 141.9

145 29.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 49.295 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

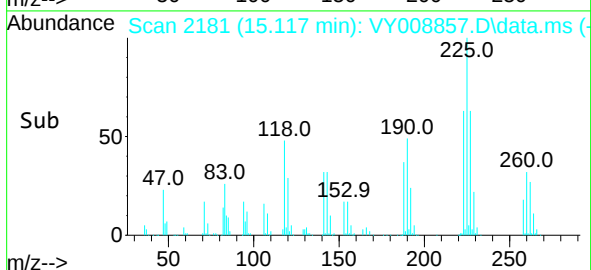
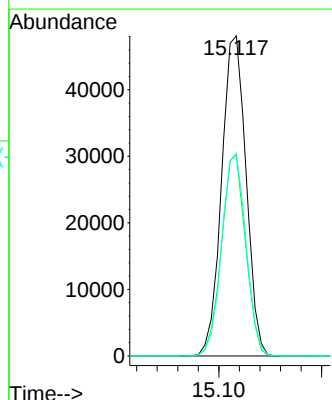
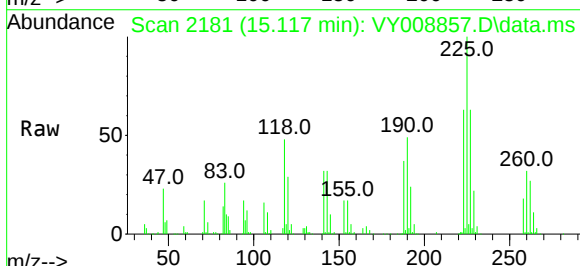
Tgt Ion:225 Resp: 79338

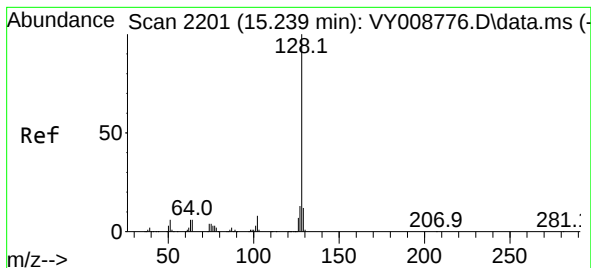
Ion Ratio Lower Upper

225 100

223 61.8 30.8 92.3

227 62.9 31.6 94.7





#95

Naphthalene

Concen: 47.732 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

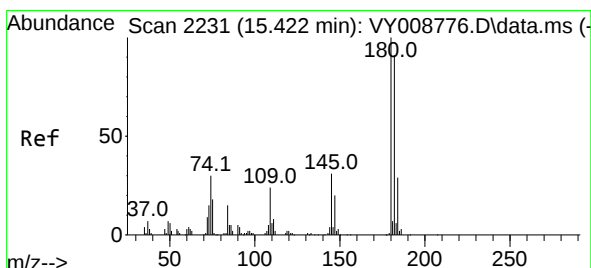
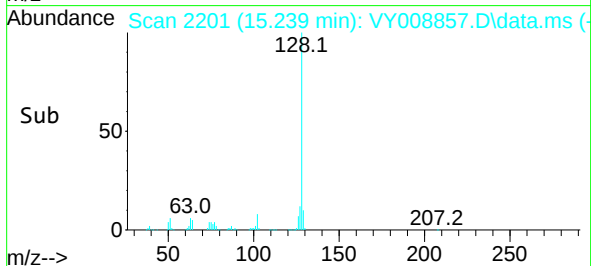
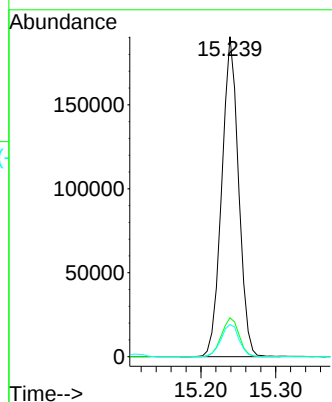
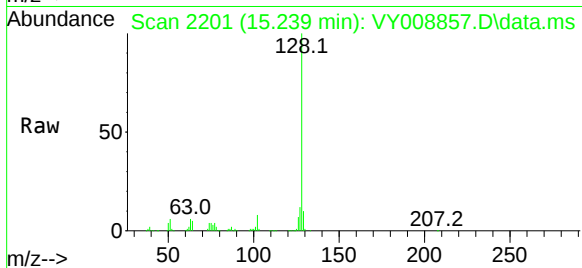
Tgt Ion:128 Resp: 298453

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 51.040 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY008857.D

Acq: 19 May 2022 10:35

Tgt Ion:180 Resp: 125408

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.9

145 32.1 15.3 45.9

