

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009850.D
 Acq On : 05 Aug 2022 13:22
 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: Aug 06 01:16:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	47105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	69237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	68703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	36427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	17808	45.432	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.860%
35) Dibromofluoromethane	7.710	113	19895	47.128	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.260%
50) Toluene-d8	10.173	98	57848	46.143	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	92.280%
62) 4-Bromofluorobenzene	12.477	95	28698	50.203	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	100.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19522	44.399	ug/l	99
3) Chloromethane	2.107	50	28496	41.845	ug/l	97
4) Vinyl Chloride	2.241	62	30438	42.629	ug/l	98
5) Bromomethane	2.638	94	22238	46.306	ug/l	97
6) Chloroethane	2.778	64	21134	45.495	ug/l	94
7) Trichlorofluoromethane	3.113	101	41233	43.315	ug/l	93
8) Diethyl Ether	3.522	74	12562	43.861	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	23413	44.960	ug/l	99
10) Methyl Iodide	4.076	142	26187	43.852	ug/l	99
11) Tert butyl alcohol	4.948	59	10345	206.830	ug/l #	91
12) 1,1-Dichloroethene	3.857	96	20075	42.202	ug/l	96
13) Acrolein	3.717	56	894	135.523	ug/l #	83
14) Allyl chloride	4.466	41	34534	43.264	ug/l	98
15) Acrylonitrile	5.149	53	34419	226.380	ug/l	99
16) Acetone	3.936	43	39522	296.397	ug/l	96
17) Carbon Disulfide	4.180	76	60214	40.610	ug/l	98
18) Methyl Acetate	4.460	43	16578	41.673	ug/l	100
19) Methyl tert-butyl Ether	5.204	73	57762	47.335	ug/l	99
20) Methylene Chloride	4.698	84	34374	57.129	ug/l	94
21) trans-1,2-Dichloroethene	5.204	96	24120	44.599	ug/l	98
22) Diisopropyl ether	6.106	45	79784	45.143	ug/l	96
23) Vinyl Acetate	6.045	43	261187	231.559	ug/l	100
24) 1,1-Dichloroethane	6.003	63	42465	44.394	ug/l	99
25) 2-Butanone	6.978	43	54098	248.033	ug/l	97
26) 2,2-Dichloropropane	6.972	77	38170	42.927	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	27446	45.442	ug/l	99
28) Bromochloromethane	7.326	49	17726	47.532	ug/l	100
29) Tetrahydrofuran	7.338	42	32421	230.794	ug/l	100
30) Chloroform	7.496	83	46024	45.980	ug/l	95
31) Cyclohexane	7.777	56	37325	41.877	ug/l	99
32) 1,1,1-Trichloroethane	7.692	97	39932	46.037	ug/l	99
36) 1,1-Dichloropropene	7.905	75	33575	47.940	ug/l	99
37) Ethyl Acetate	7.064	43	21345	46.792	ug/l	98
38) Carbon Tetrachloride	7.893	117	37296	50.635	ug/l	98
39) Methylcyclohexane	9.179	83	38072	46.856	ug/l	98
40) Benzene	8.149	78	101539	47.794	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	29295	131.673	ug/l #	71
42) 1,2-Dichloroethane	8.228	62	30427	49.879	ug/l	99
43) Isopropyl Acetate	8.265	43	38664	48.645	ug/l	98
44) Trichloroethene	8.935	130	27435	48.456	ug/l	98
45) 1,2-Dichloropropane	9.210	63	25765	48.530	ug/l	98
46) Dibromomethane	9.301	93	16020	48.950	ug/l	98
47) Bromodichloromethane	9.490	83	34999	46.275	ug/l	95
48) Methyl methacrylate	9.289	41	17055	46.813	ug/l	94
49) 1,4-Dioxane	9.289	88	3750	909.152	ug/l	94
51) 4-Methyl-2-Pentanone	10.063	43	112130	250.104	ug/l	99
52) Toluene	10.240	92	64946	48.516	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	35752	48.227	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	39533	47.254	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	22188	50.598	ug/l	99
56) Ethyl methacrylate	10.508	69	27211	44.589	ug/l	99
57) 1,3-Dichloropropane	10.789	76	35468	47.624	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	65424	243.766	ug/l	99
59) 2-Hexanone	10.831	43	84920	273.376	ug/l	100
60) Dibromochloromethane	10.978	129	27432	52.312	ug/l	98
61) 1,2-Dibromoethane	11.087	107	20158	47.111	ug/l	97
64) Tetrachloroethene	10.715	164	26802	49.172	ug/l	98
65) Chlorobenzene	11.514	112	72391	48.503	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	27728	50.073	ug/l	99
67) Ethyl Benzene	11.593	91	128167	49.456	ug/l	98
68) m/p-Xylenes	11.697	106	105626	103.831	ug/l	99
69) o-Xylene	12.026	106	48225	53.053	ug/l	96
70) Styrene	12.044	104	84513	49.723	ug/l	99
71) Bromoform	12.203	173	17732	53.400	ug/l #	99
73) Isopropylbenzene	12.325	105	125179	49.475	ug/l	100
74) N-amyl acetate	12.142	43	38501	43.033	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	27078	47.484	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	35034	84.075	ug/l #	100
77) Bromobenzene	12.605	156	31334	49.325	ug/l	93
78) n-propylbenzene	12.666	91	159116	49.843	ug/l	100
79) 2-Chlorotoluene	12.752	91	86776	48.816	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	107604	50.414	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	9398	48.405	ug/l	97
82) 4-Chlorotoluene	12.855	91	89510	47.737	ug/l	98
83) tert-Butylbenzene	13.075	119	88831	48.690	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	103975	49.411	ug/l	98
85) sec-Butylbenzene	13.252	105	136134	48.810	ug/l	99
86) p-Isopropyltoluene	13.367	119	113920	50.366	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	59172	47.404	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	60434	47.565	ug/l	100
89) n-Butylbenzene	13.697	91	109286	49.337	ug/l	99
90) Hexachloroethane	13.959	117	22898	47.133	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	55237	48.348	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4256	47.614	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	31508	49.710	ug/l	99
94) Hexachlorobutadiene	15.111	225	18311	49.319	ug/l	97
95) Naphthalene	15.233	128	64694	45.298	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	28317	50.509	ug/l	99

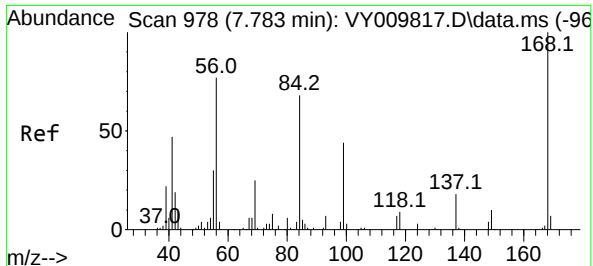
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Response via : Initial Calibration

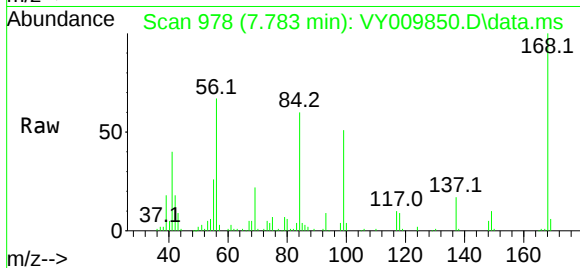
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

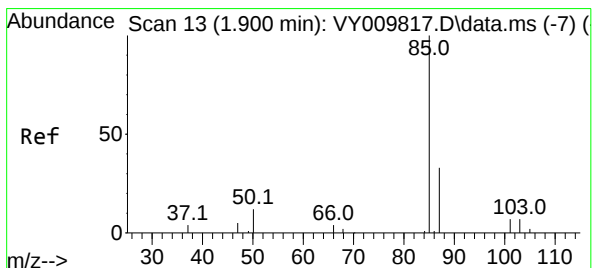
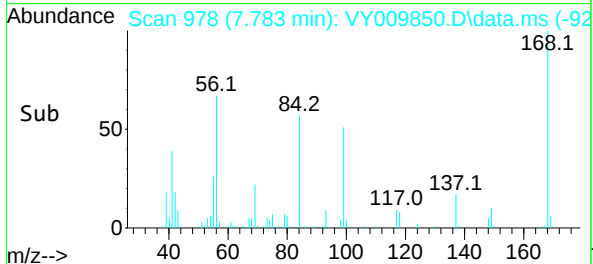
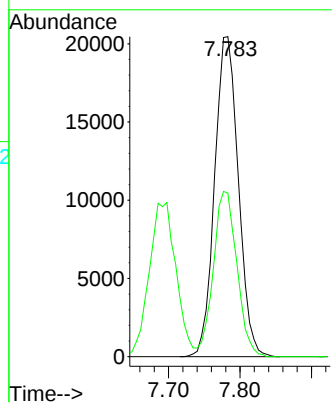


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Instrument :
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VSTDCCC050

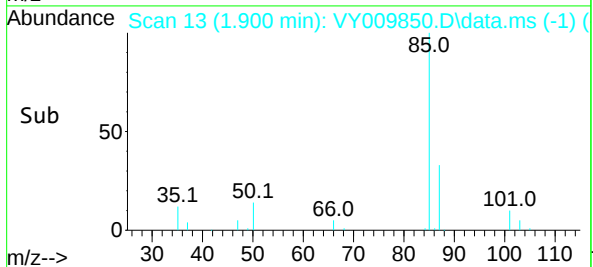
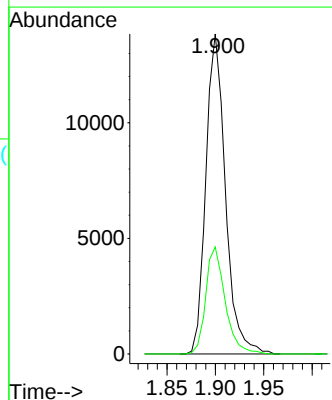
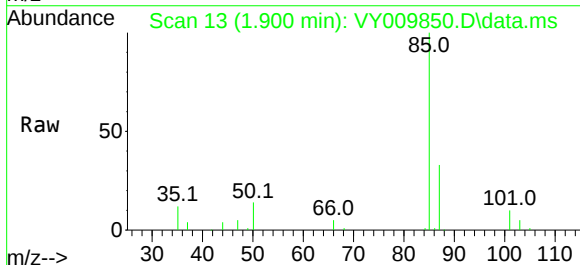


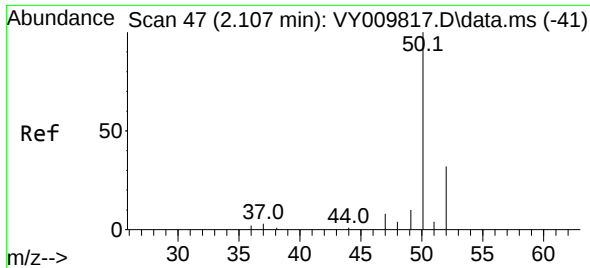
Tgt Ion:168 Resp: 47105
Ion Ratio Lower Upper
168 100
99 51.1 44.7 67.1



#2
Dichlorodifluoromethane
Concen: 44.399 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion: 85 Resp: 19522
Ion Ratio Lower Upper
85 100
87 33.4 16.4 49.2

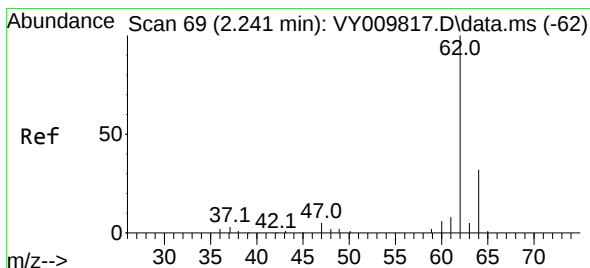
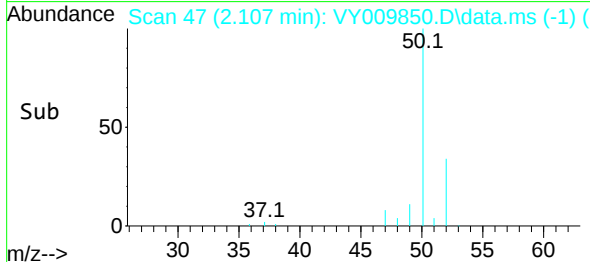
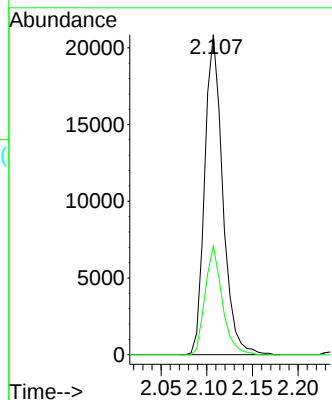
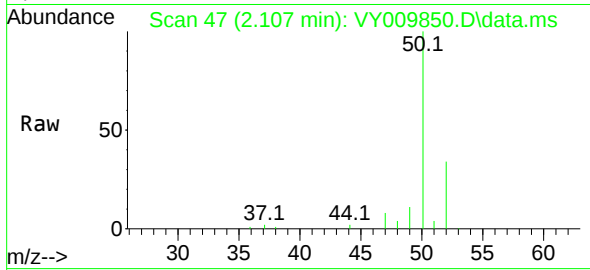




#3
Chloromethane
Concen: 41.845 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

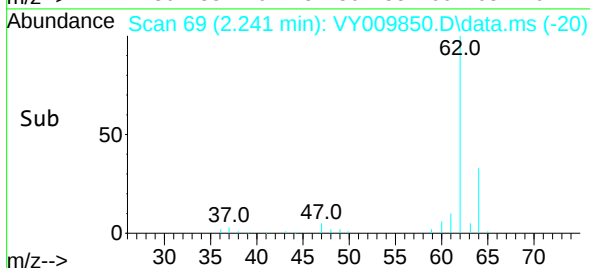
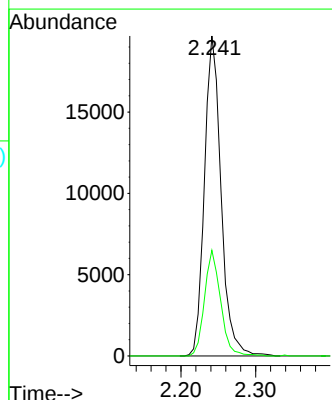
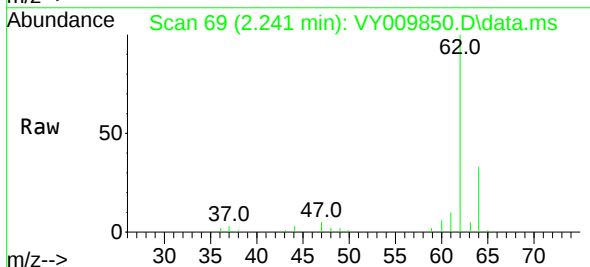
Instrument :
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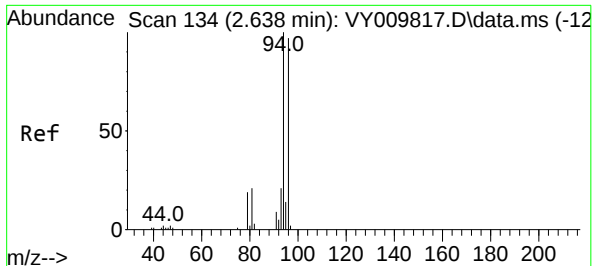
Tgt Ion: 50 Resp: 28496
Ion Ratio Lower Upper
50 100
52 33.9 25.7 38.5



#4
Vinyl Chloride
Concen: 42.629 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion: 62 Resp: 30438
Ion Ratio Lower Upper
62 100
64 33.0 25.5 38.3

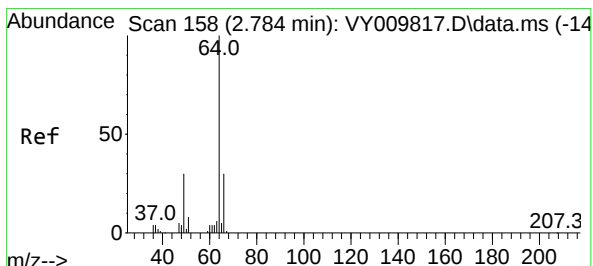
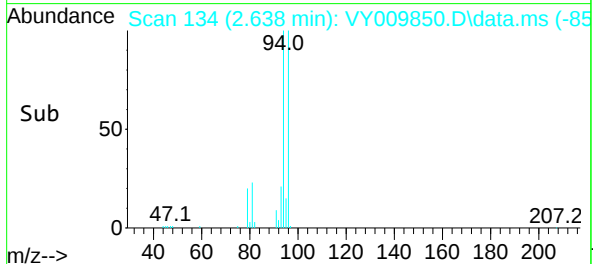
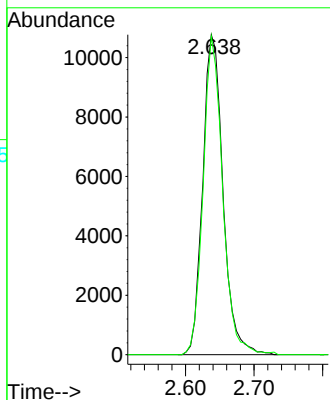
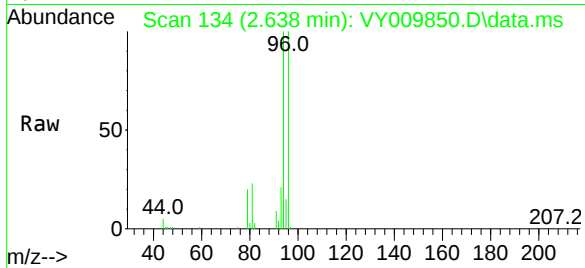




#5
Bromomethane
Concen: 46.306 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

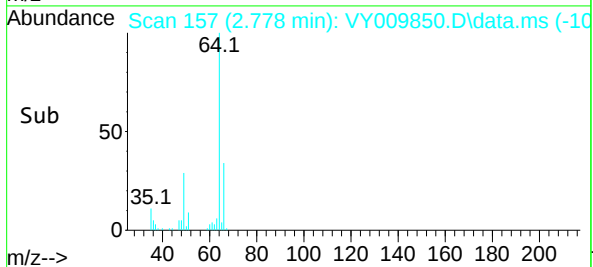
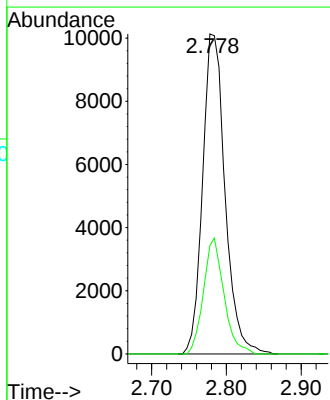
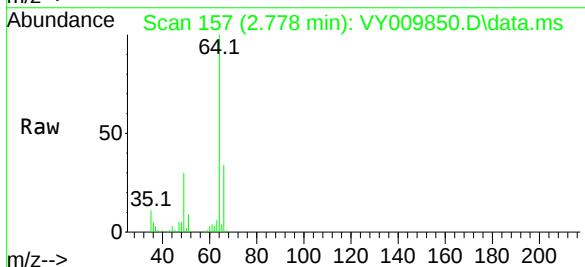
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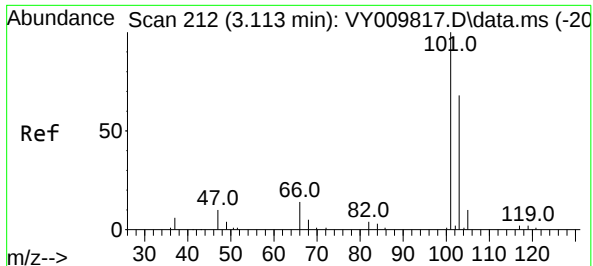
Tgt Ion: 94 Resp: 22238
Ion Ratio Lower Upper
94 100
96 99.5 77.2 115.8



#6
Chloroethane
Concen: 45.495 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion: 64 Resp: 21134
Ion Ratio Lower Upper
64 100
66 33.8 24.4 36.6

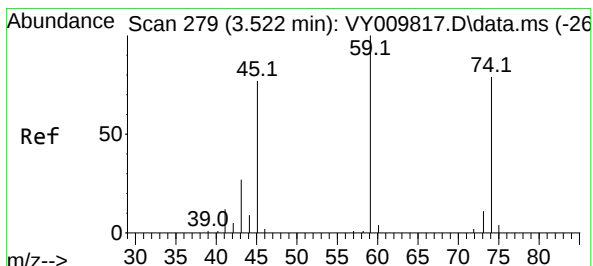
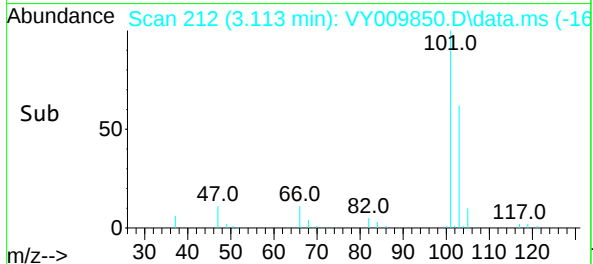
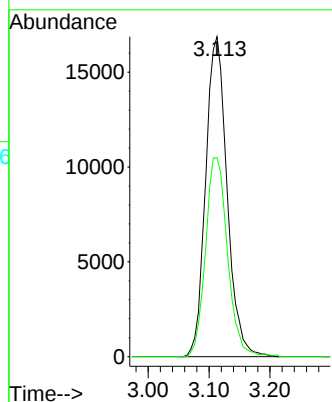
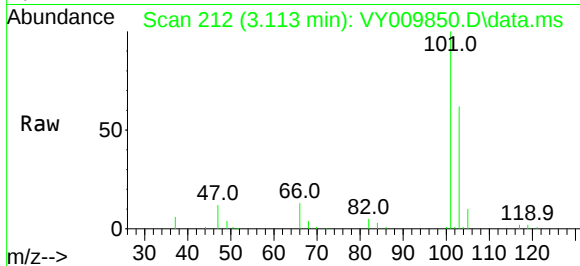




#7
 Trichlorofluoromethane
 Concen: 43.315 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY009850.D
 Acq: 05 Aug 2022 13:22

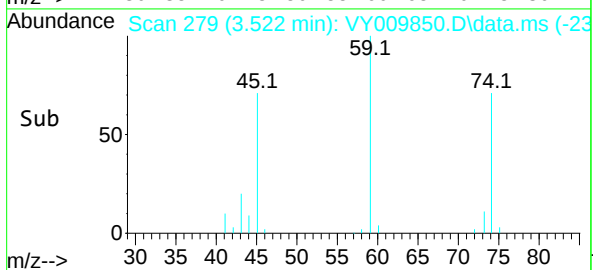
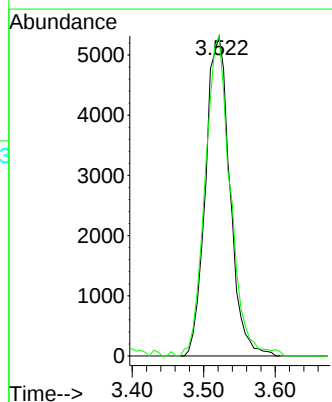
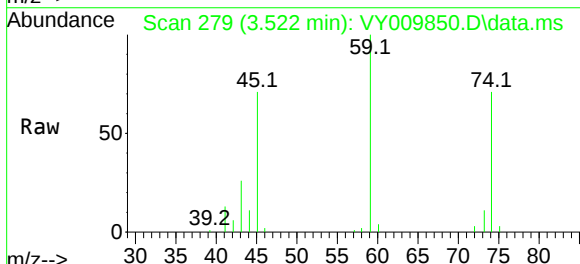
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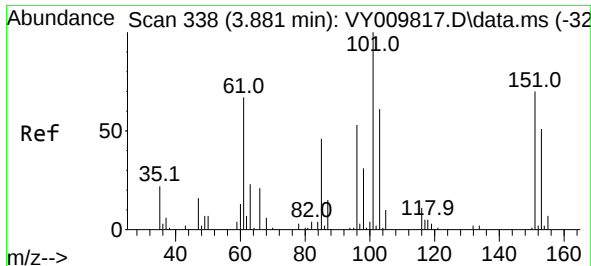
Tgt Ion:101 Resp: 41233
 Ion Ratio Lower Upper
 101 100
 103 62.2 54.4 81.6



#8
 Diethyl Ether
 Concen: 43.861 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VY009850.D
 Acq: 05 Aug 2022 13:22

Tgt Ion: 74 Resp: 12562
 Ion Ratio Lower Upper
 74 100
 45 103.7 52.1 156.3

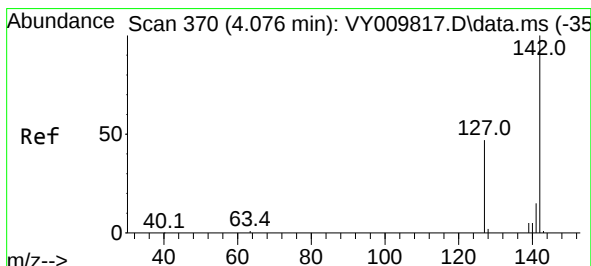
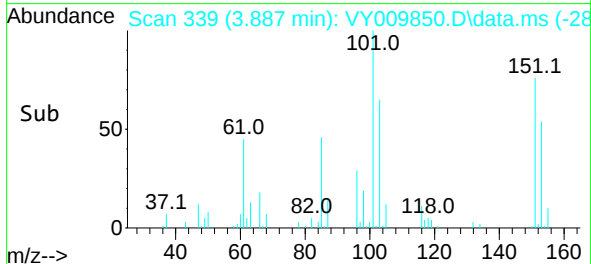
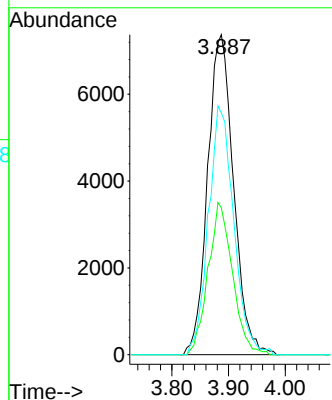
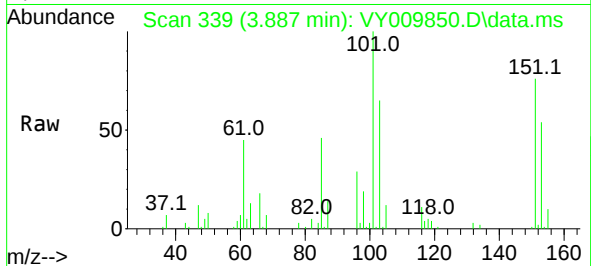




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.960 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY009850.D
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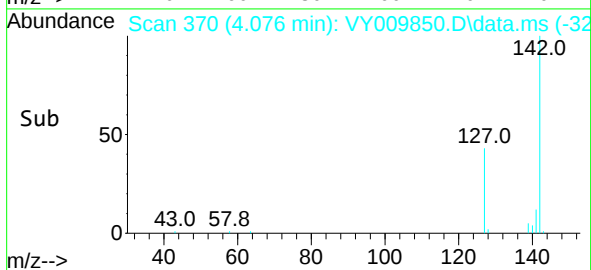
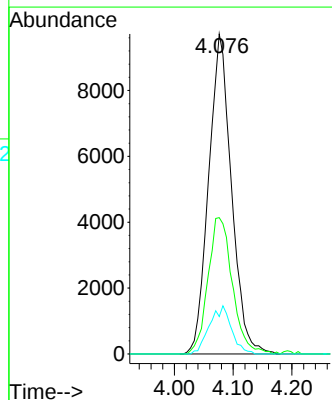
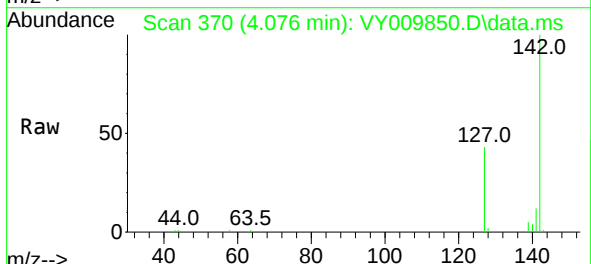
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ClientSampleId :
VSTDCCC050

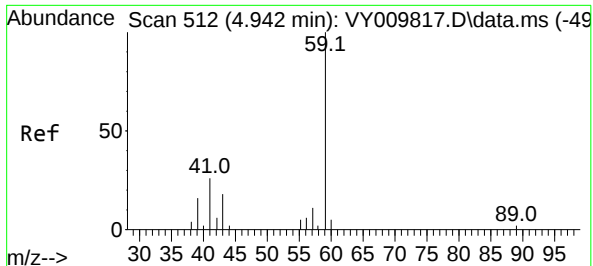
Tgt Ion:101 Resp: 23413
Ion Ratio Lower Upper
101 100
85 44.7 36.1 54.1
151 76.1 62.1 93.1



#10
Methyl Iodide
Concen: 43.852 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion:142 Resp: 26187
Ion Ratio Lower Upper
142 100
127 45.7 36.0 54.0
141 14.5 12.0 18.0

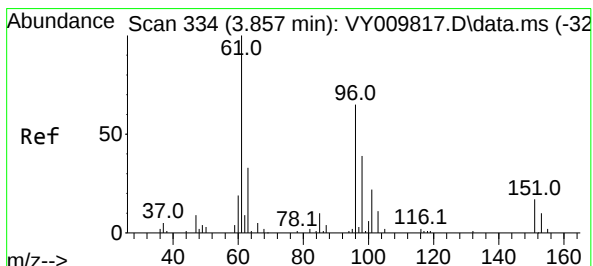
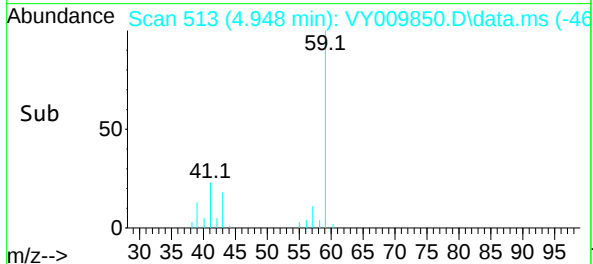
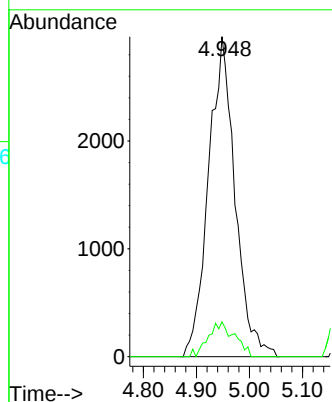
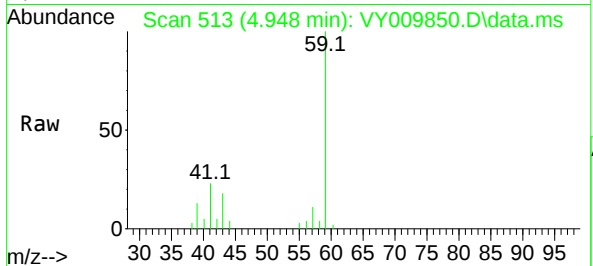




#11
Tert butyl alcohol
Concen: 206.830 ug/l
RT: 4.948 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

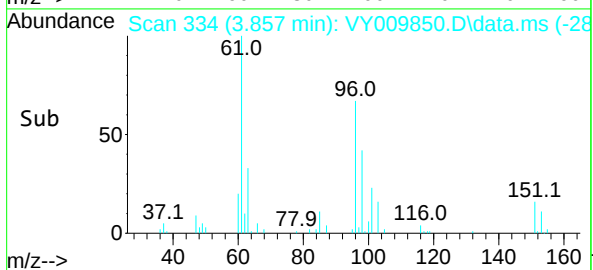
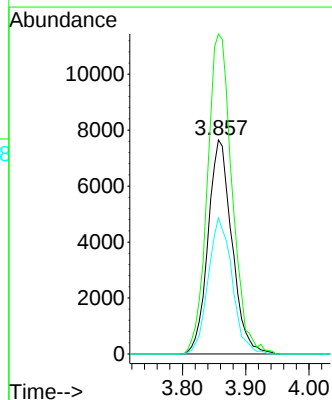
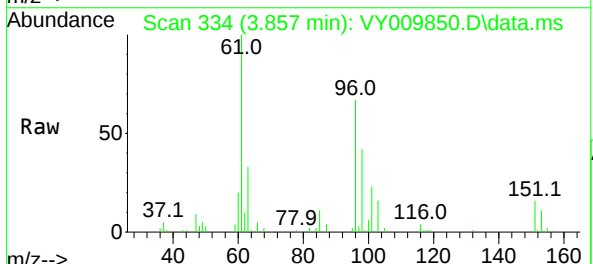
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

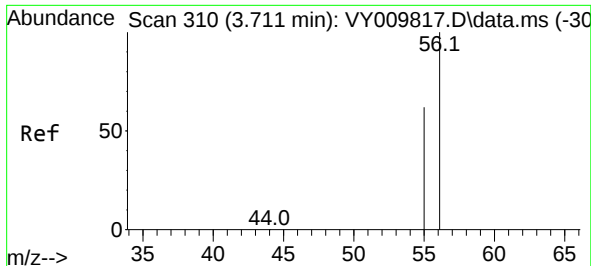
Tgt Ion: 59 Resp: 10345
Ion Ratio Lower Upper
59 100
57 10.7 6.2 9.2#



#12
1,1-Dichloroethene
Concen: 42.202 ug/l
RT: 3.857 min Scan# 334
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion: 96 Resp: 20075
Ion Ratio Lower Upper
96 100
61 149.5 123.9 185.9
98 63.5 48.2 72.4





#13

Acrolein

Concen: 135.523 ug/l

RT: 3.717 min Scan# 310

Delta R.T. 0.006 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

Instrument :

MSVOA_Y

ClientSampleId :

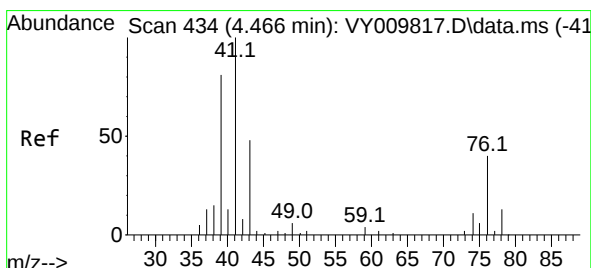
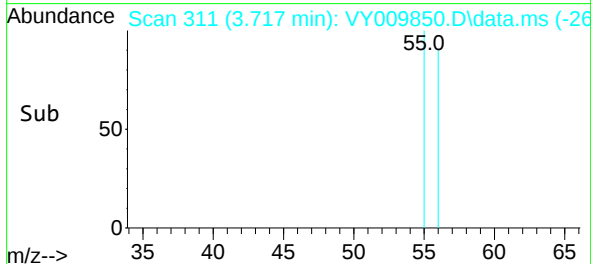
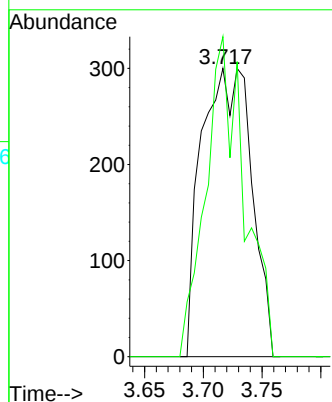
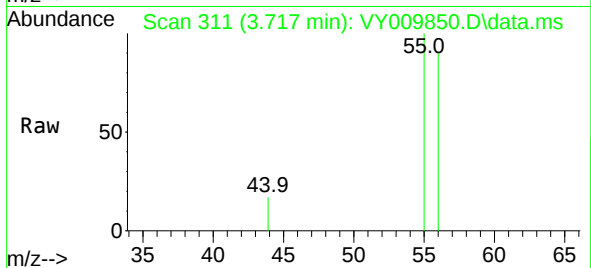
VSTDCCC050

Tgt Ion: 56 Resp: 894

Ion Ratio Lower Upper

56 100

55 85.0 56.5 84.7#



#14

Allyl chloride

Concen: 43.264 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

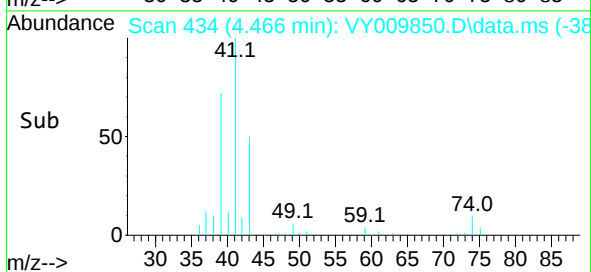
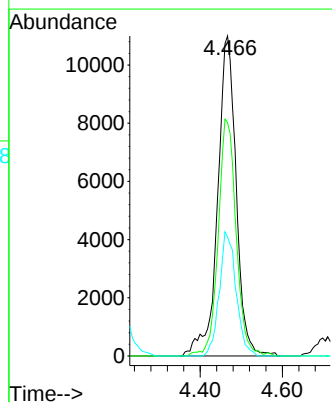
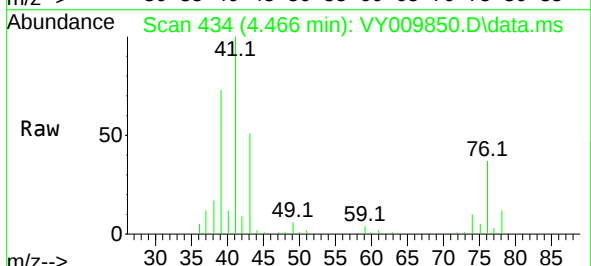
Tgt Ion: 41 Resp: 34534

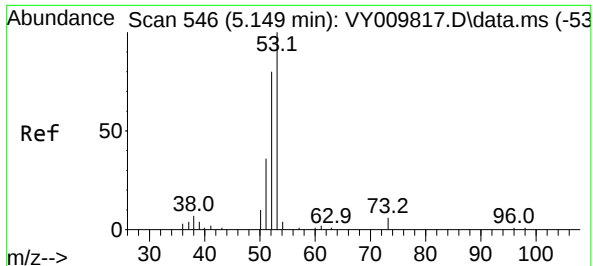
Ion Ratio Lower Upper

41 100

39 71.1 58.1 87.1

76 34.9 28.9 43.3

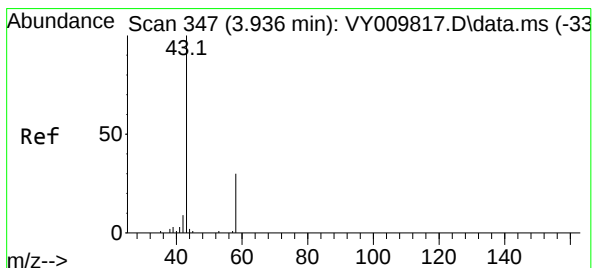
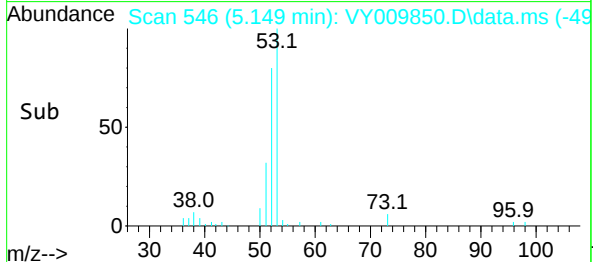
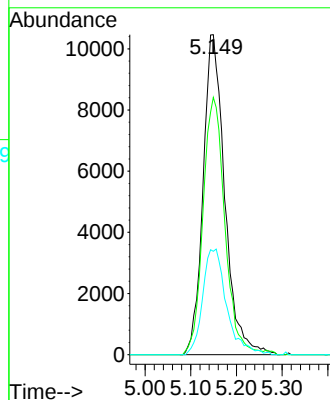
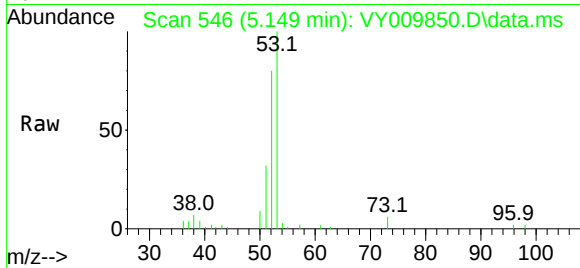




#15
Acrylonitrile
Concen: 226.380 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

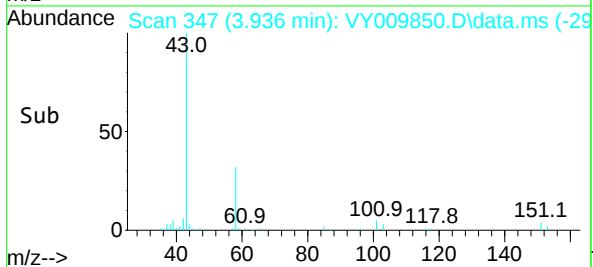
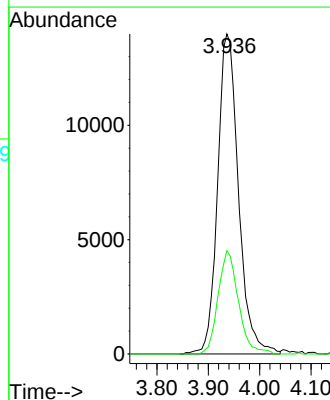
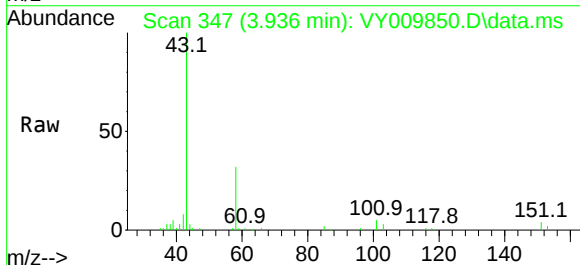
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

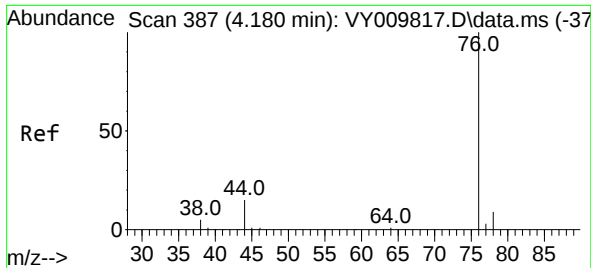
Tgt Ion:	53	Resp:	34419
Ion	Ratio	Lower	Upper
53	100		
52	81.0	64.5	96.7
51	36.5	28.2	42.2



#16
Acetone
Concen: 296.397 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion:	43	Resp:	39522
Ion	Ratio	Lower	Upper
43	100		
58	32.2	24.1	36.1





#17

Carbon Disulfide

Concen: 40.610 ug/l

RT: 4.180 min Scan# 31

Delta R.T. -0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

Instrument :

MSVOA_Y

ClientSampleId :

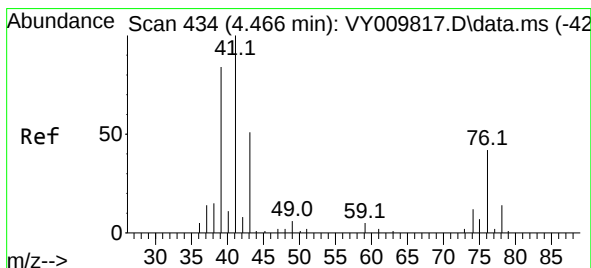
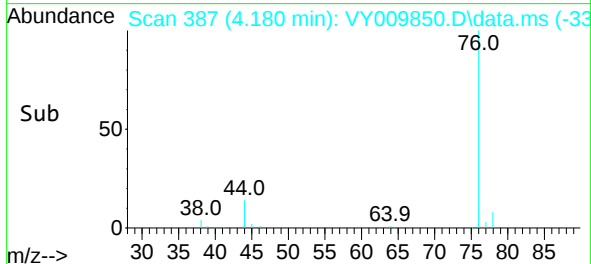
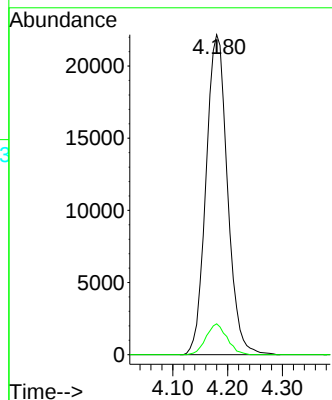
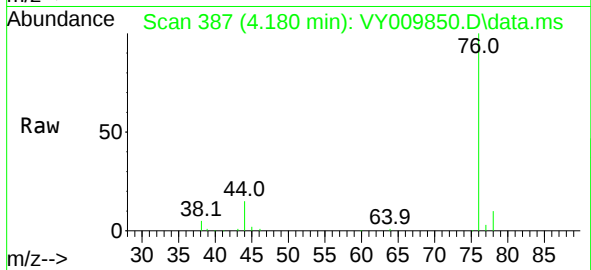
VSTDCCC050

Tgt Ion: 76 Resp: 60214

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7



#18

Methyl Acetate

Concen: 41.673 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY009850.D

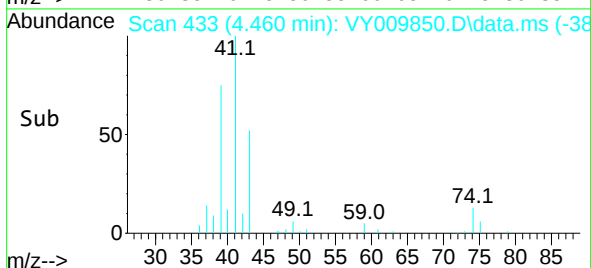
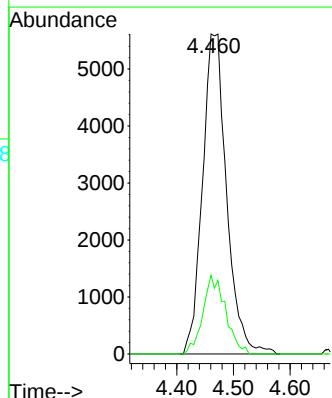
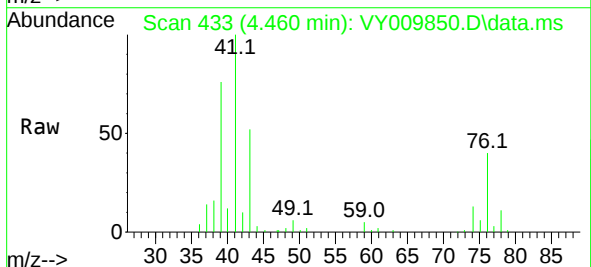
Acq: 05 Aug 2022 13:22

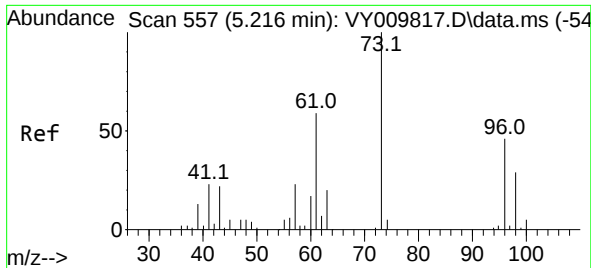
Tgt Ion: 43 Resp: 16578

Ion Ratio Lower Upper

43 100

74 23.0 18.6 27.8

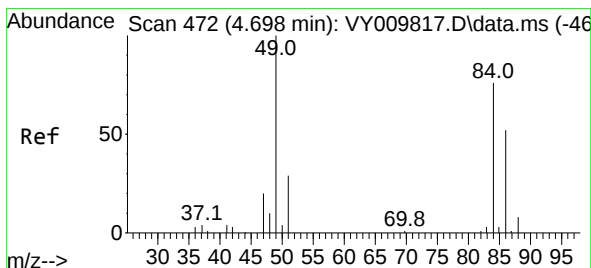
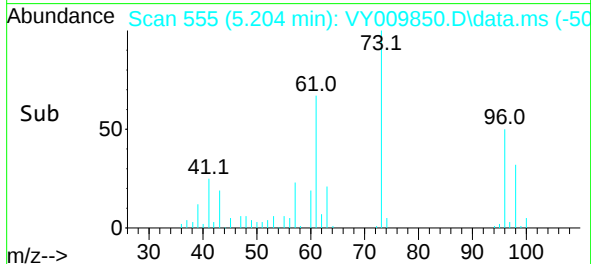
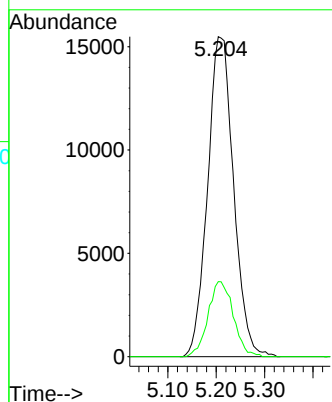
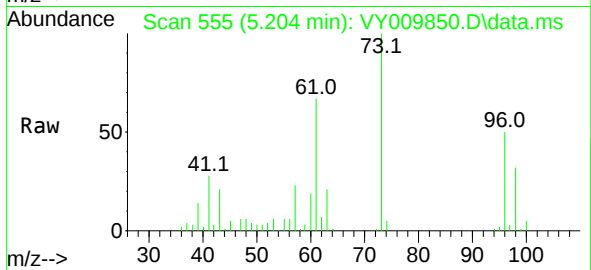




#19
Methyl tert-butyl Ether
Concen: 47.335 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

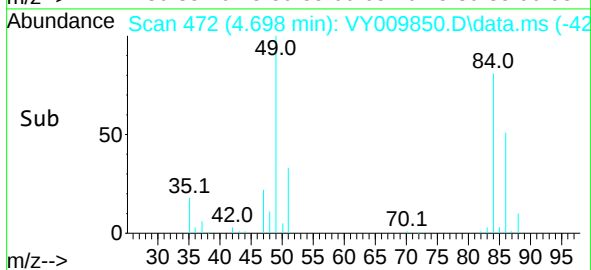
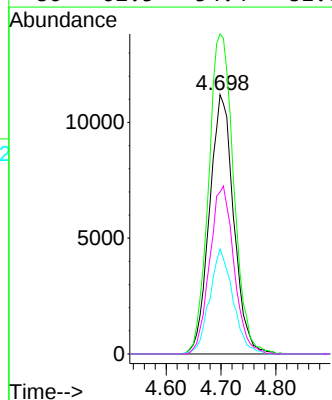
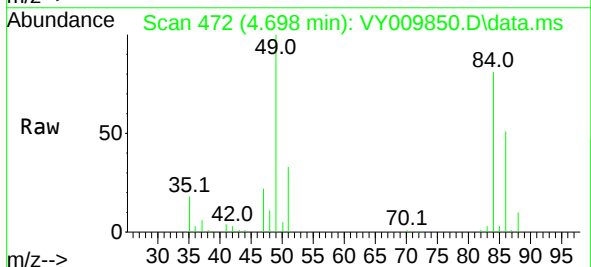
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

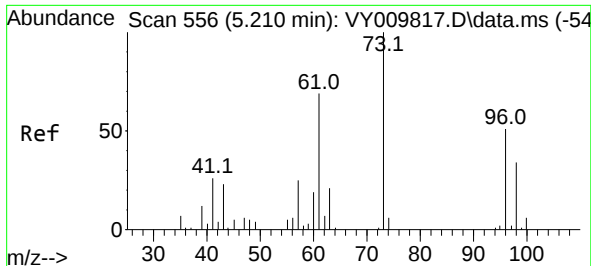
Tgt Ion: 73 Resp: 57762
Ion Ratio Lower Upper
73 100
57 23.4 18.3 27.5



#20
Methylene Chloride
Concen: 57.129 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion: 84 Resp: 34374
Ion Ratio Lower Upper
84 100
49 123.5 104.6 156.8
51 40.5 30.9 46.3
86 62.5 54.4 81.6





#21

trans-1,2-Dichloroethene

Concen: 44.599 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY009850.D

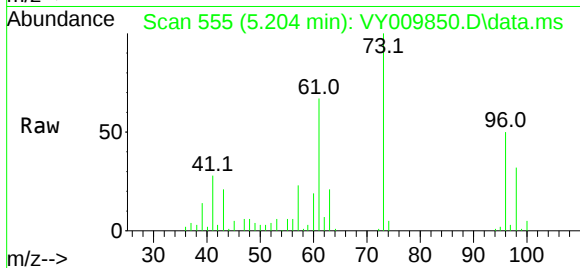
Acq: 05 Aug 2022 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



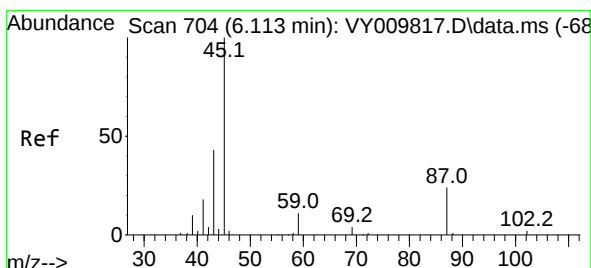
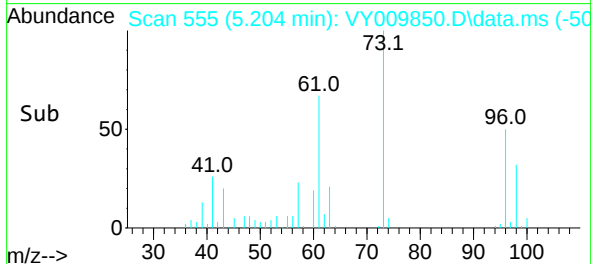
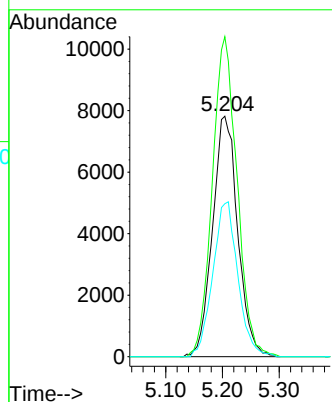
Tgt Ion: 96 Resp: 24120

Ion Ratio Lower Upper

96 100

61 133.1 107.8 161.8

98 63.6 53.1 79.7



#22

Diisopropyl ether

Concen: 45.143 ug/l

RT: 6.106 min Scan# 703

Delta R.T. -0.006 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

Tgt Ion: 45 Resp: 79784

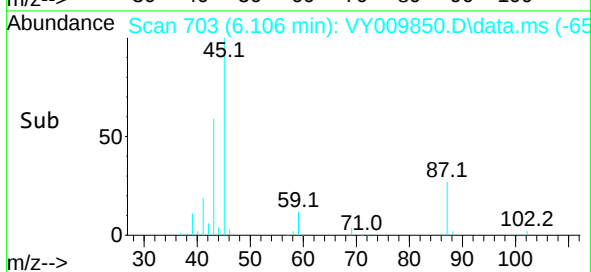
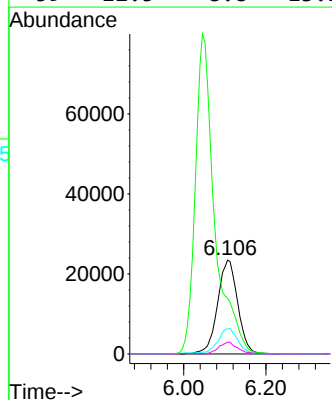
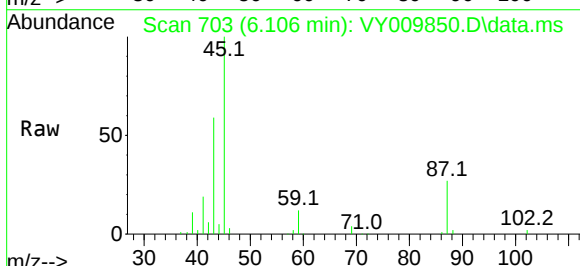
Ion Ratio Lower Upper

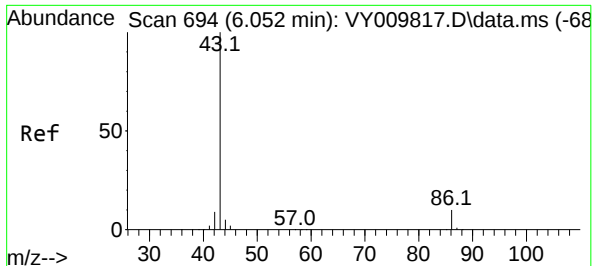
45 100

43 58.7 44.1 66.1

87 26.5 19.8 29.8

59 12.5 8.8 13.2

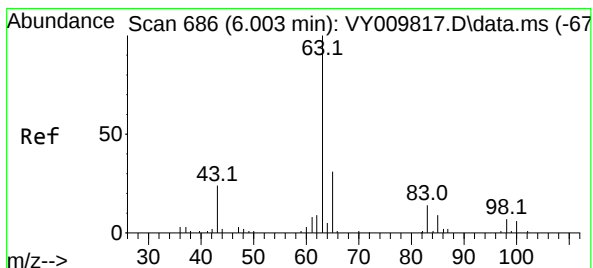
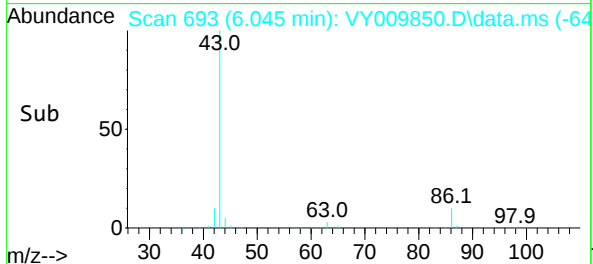
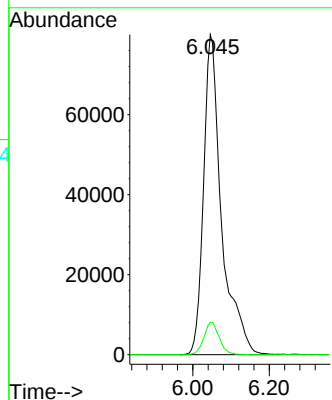
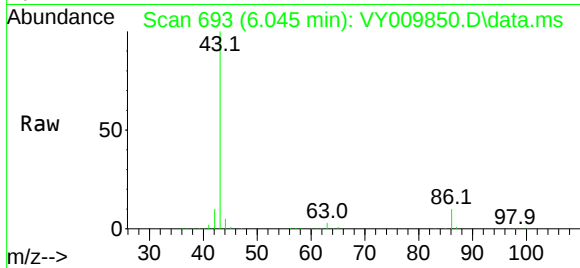




#23
 Vinyl Acetate
 Concen: 231.559 ug/l
 RT: 6.045 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY009850.D
 Acq: 05 Aug 2022 13:22

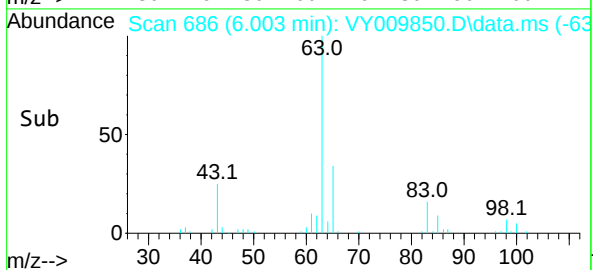
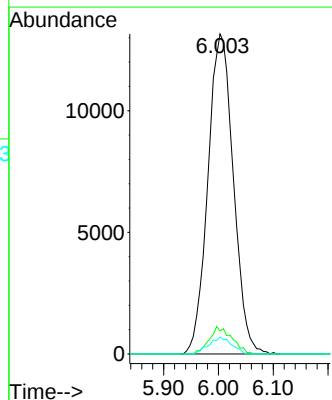
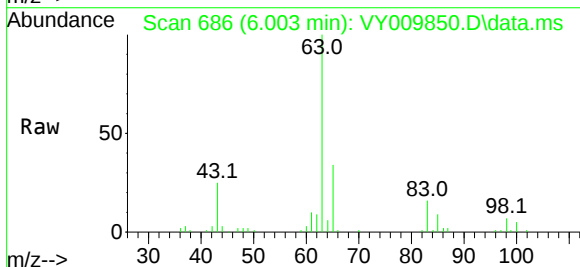
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

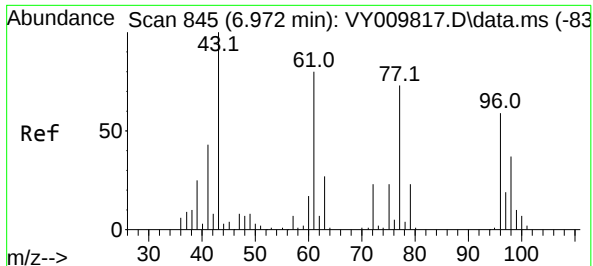
Tgt Ion: 43 Resp: 261187
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 44.394 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY009850.D
 Acq: 05 Aug 2022 13:22

Tgt Ion: 63 Resp: 42465
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.5
 100 5.3 2.9 8.6





#25

2-Butanone

Concen: 248.033 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

Instrument :

MSVOA_Y

ClientSampleId :

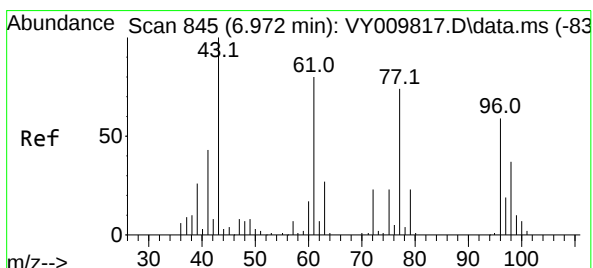
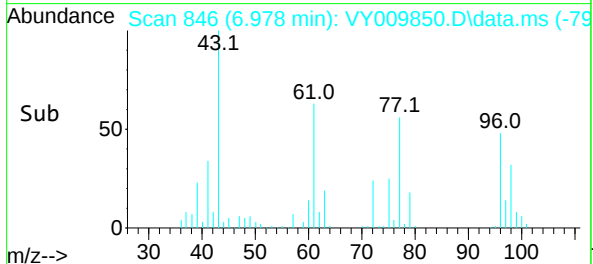
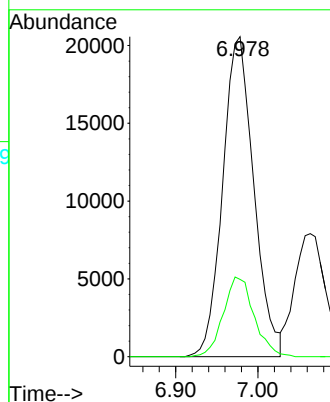
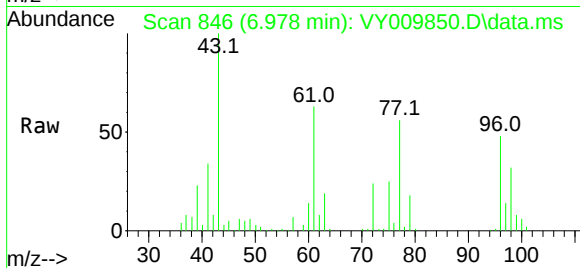
VSTDCCC050

Tgt Ion: 43 Resp: 54098

Ion Ratio Lower Upper

43 100

72 24.1 18.2 27.4



#26

2,2-Dichloropropane

Concen: 42.927 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009850.D

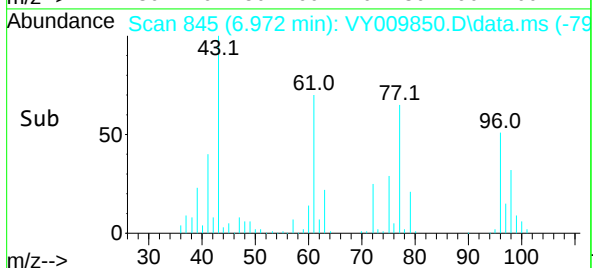
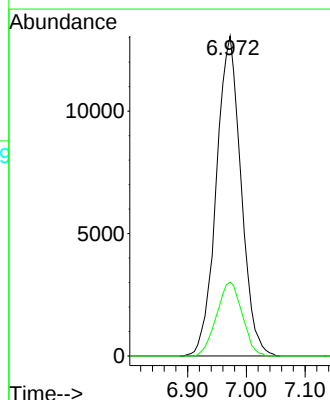
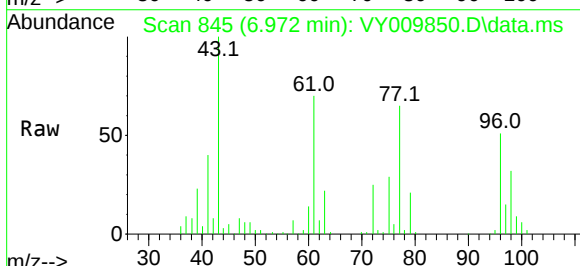
Acq: 05 Aug 2022 13:22

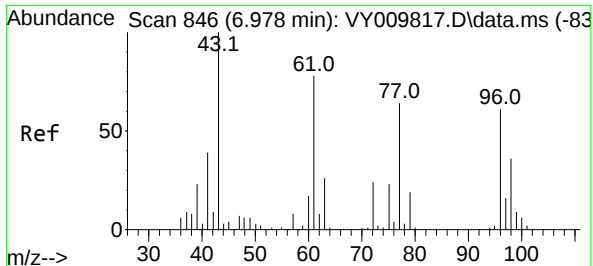
Tgt Ion: 77 Resp: 38170

Ion Ratio Lower Upper

77 100

97 23.9 11.6 34.8



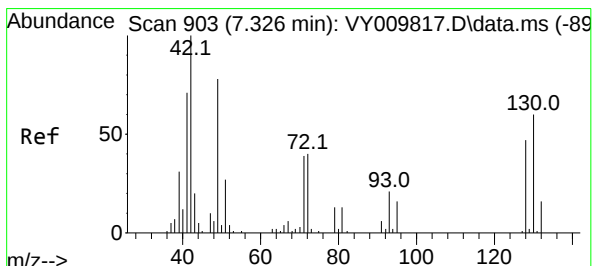
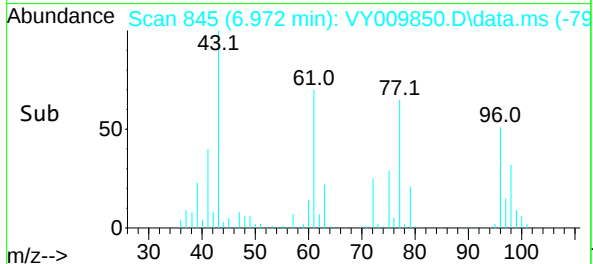
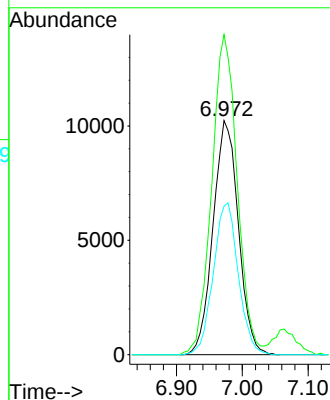
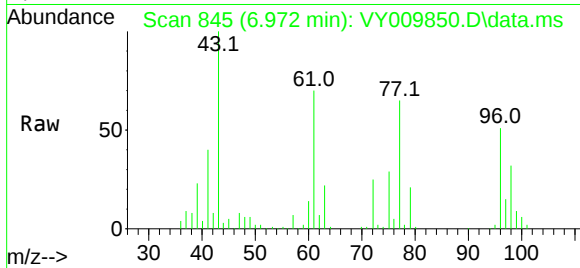


#27
 cis-1,2-Dichloroethene
 Concen: 45.442 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY009850.D
 Acq: 05 Aug 2022 13:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 27446

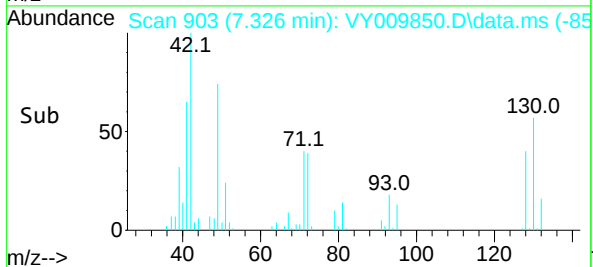
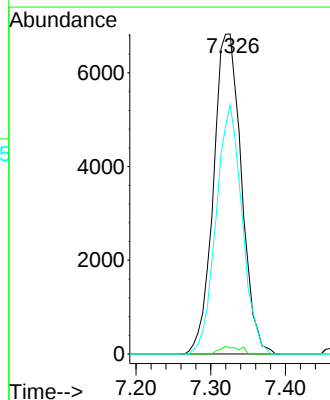
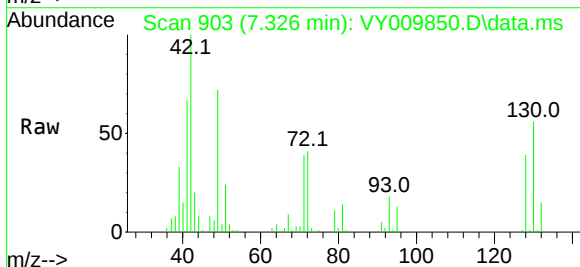
Ion	Ratio	Lower	Upper
96	100		
61	137.7	0.0	279.8
98	64.0	0.0	126.8

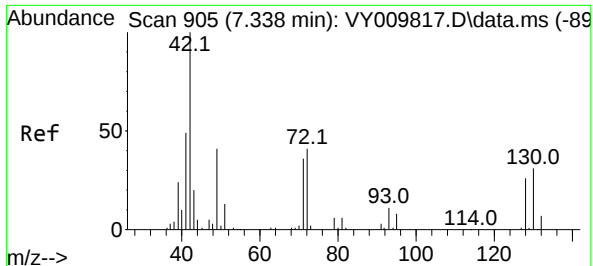


#28
 Bromochloromethane
 Concen: 47.532 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VY009850.D
 Acq: 05 Aug 2022 13:22

Tgt Ion: 49 Resp: 17726

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	72.8	58.0	87.0





#29

Tetrahydrofuran

Concen: 230.794 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

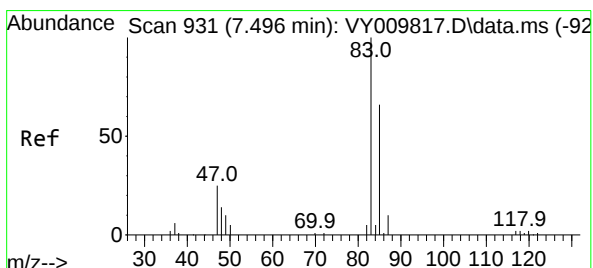
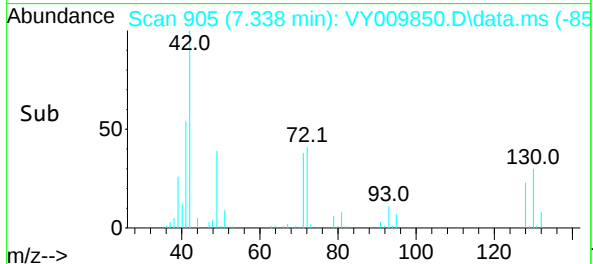
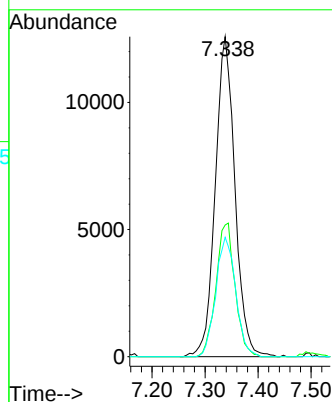
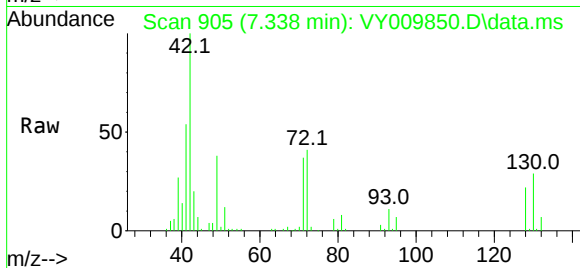
Tgt Ion: 42 Resp: 32421

Ion Ratio Lower Upper

42 100

72 40.5 32.4 48.6

71 37.8 29.9 44.9



#30

Chloroform

Concen: 45.980 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009850.D

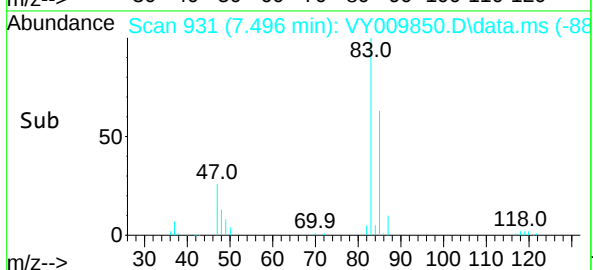
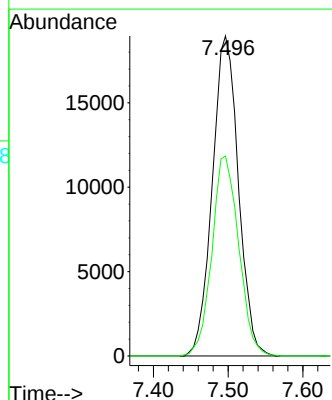
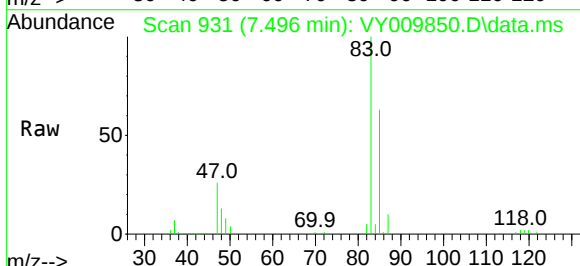
Acq: 05 Aug 2022 13:22

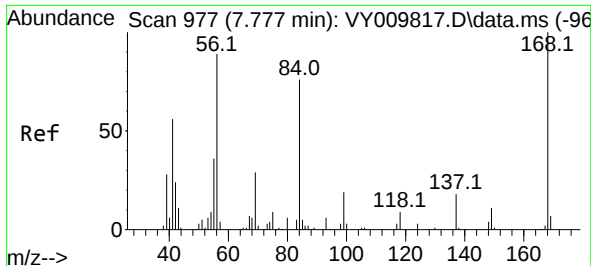
Tgt Ion: 83 Resp: 46024

Ion Ratio Lower Upper

83 100

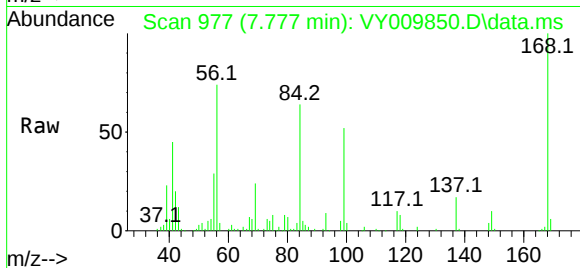
85 62.5 53.0 79.4



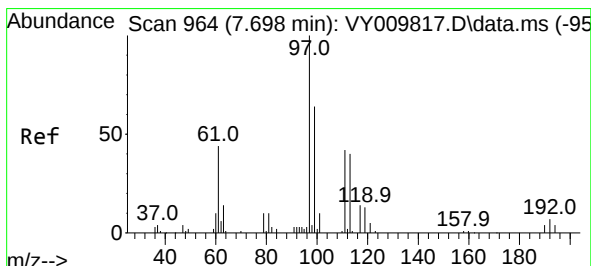
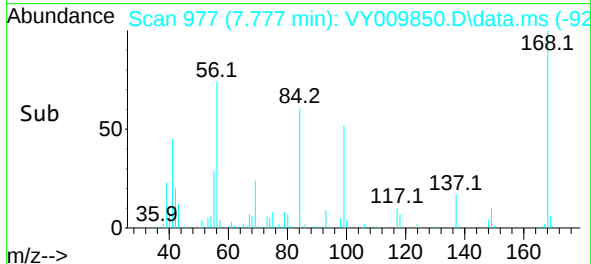
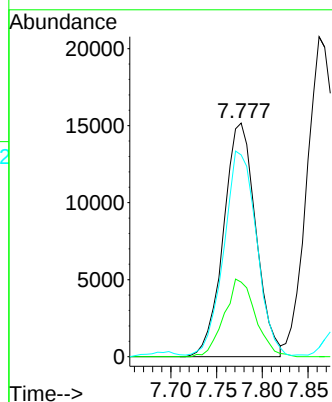


#31
Cyclohexane
Concen: 41.877 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

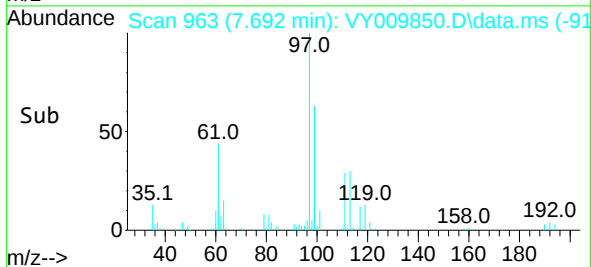
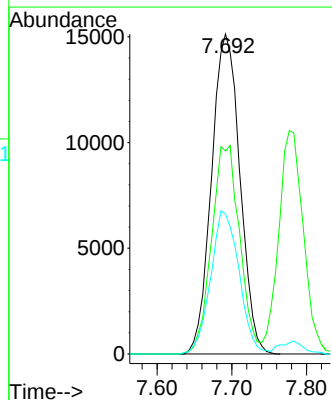
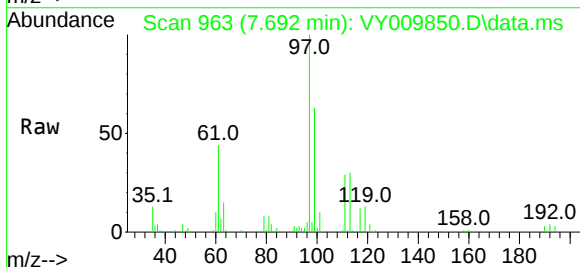


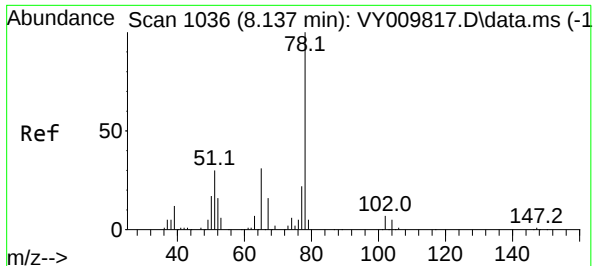
Tgt Ion: 56 Resp: 37325
Ion Ratio Lower Upper
56 100
69 31.9 25.8 38.8
84 85.6 67.9 101.9



#32
1,1,1-Trichloroethane
Concen: 46.037 ug/l
RT: 7.692 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion: 97 Resp: 39932
Ion Ratio Lower Upper
97 100
99 64.8 51.9 77.9
61 44.8 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 45.432 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

Instrument :

MSVOA_Y

ClientSampleId :

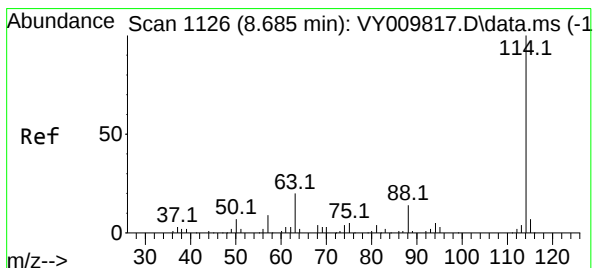
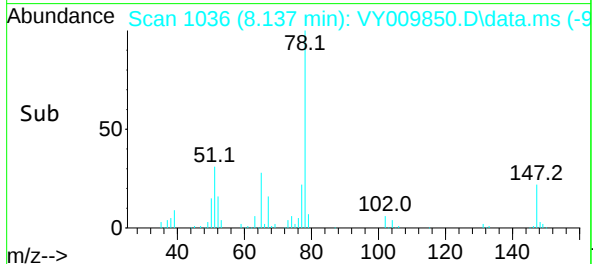
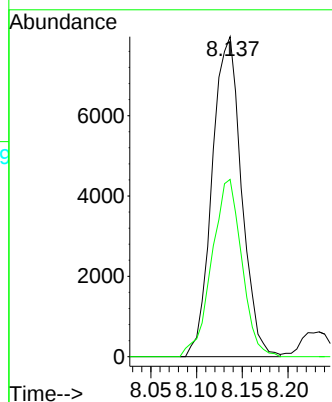
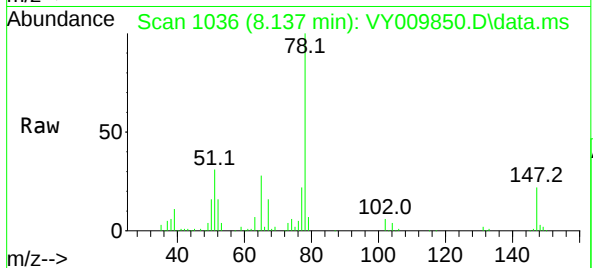
VSTDCCC050

Tgt Ion: 65 Resp: 17808

Ion Ratio Lower Upper

65 100

67 56.5 0.0 112.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

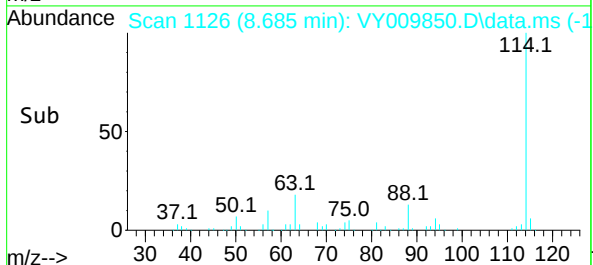
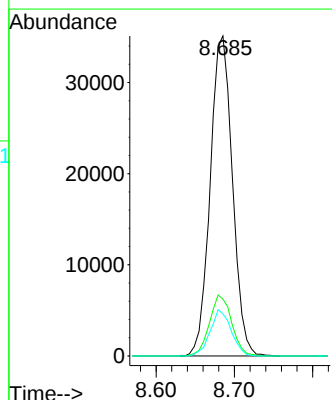
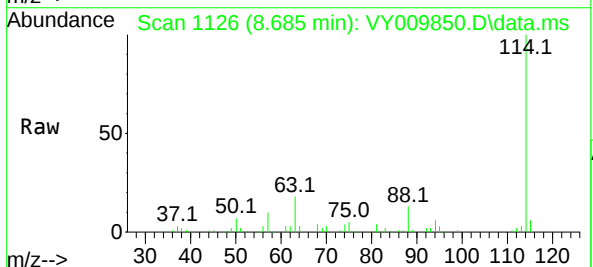
Tgt Ion: 114 Resp: 69237

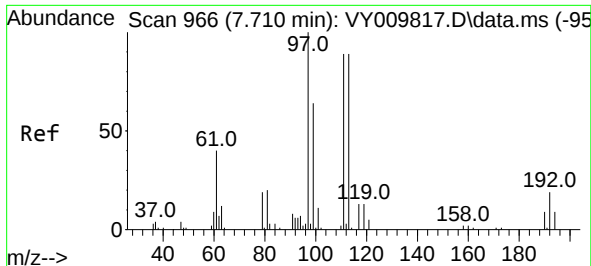
Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.2

88 13.2 0.0 27.6

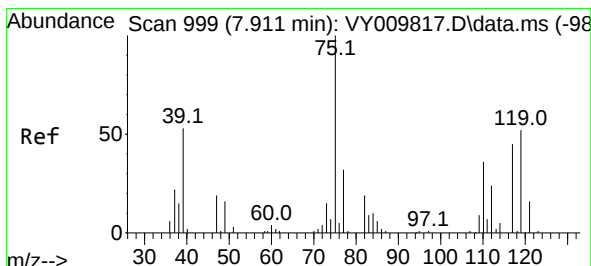
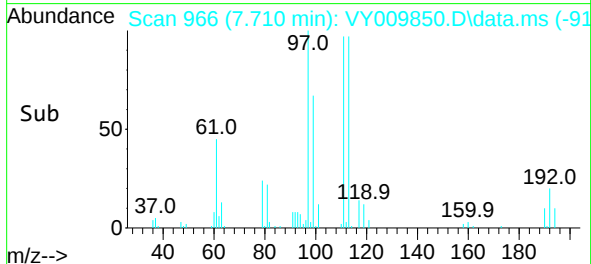
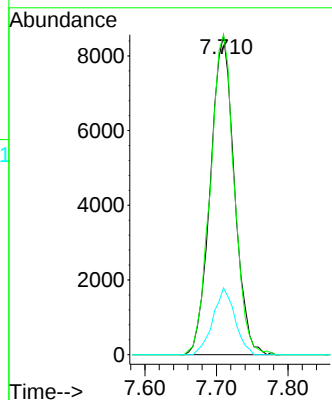
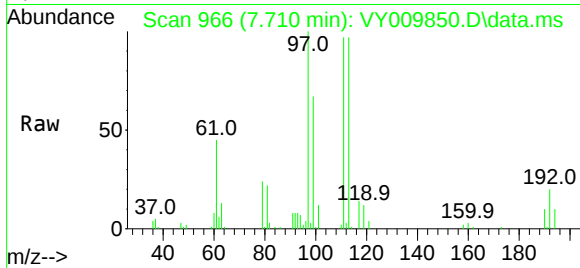




#35
Dibromofluoromethane
Concen: 47.128 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

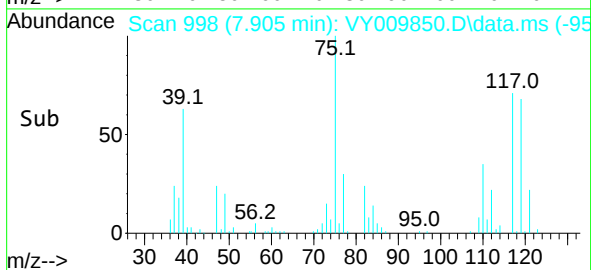
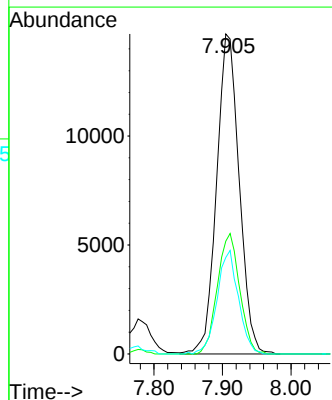
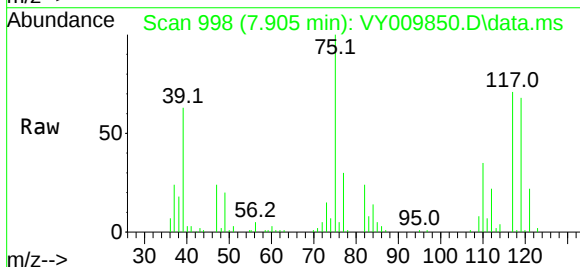
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

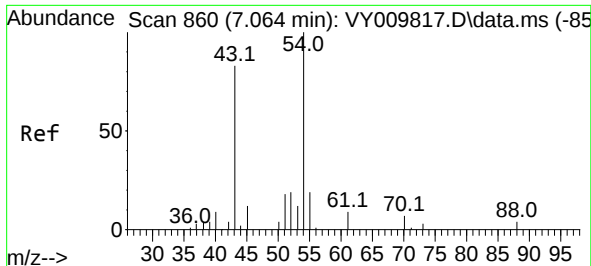
Tgt Ion:113 Resp: 19895
Ion Ratio Lower Upper
113 100
111 100.2 82.4 123.6
192 19.1 16.5 24.7



#36
1,1-Dichloropropene
Concen: 47.940 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion: 75 Resp: 33575
Ion Ratio Lower Upper
75 100
110 37.0 17.8 53.4
77 30.7 24.6 36.8





#37

Ethyl Acetate

Concen: 46.792 ug/l

RT: 7.064 min Scan# 860

Delta R.T. -0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

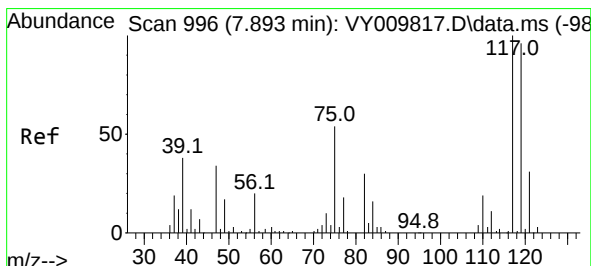
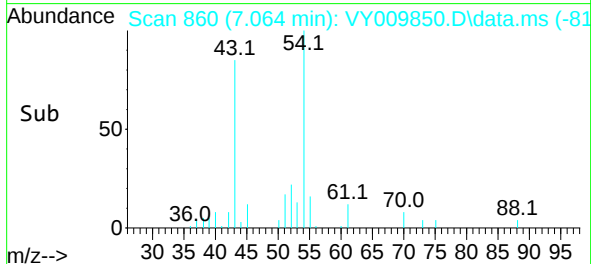
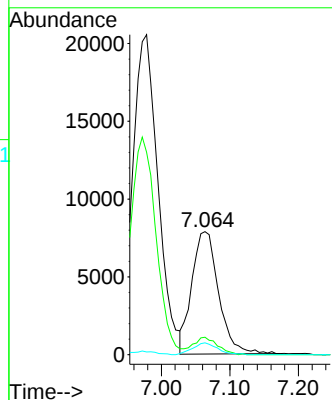
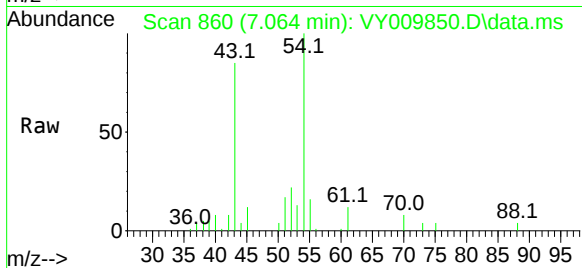
Tgt Ion: 43 Resp: 21345

Ion Ratio Lower Upper

43 100

61 12.8 11.0 16.6

70 9.0 7.0 10.6



#38

Carbon Tetrachloride

Concen: 50.635 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

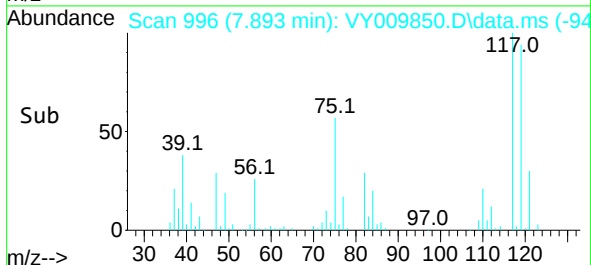
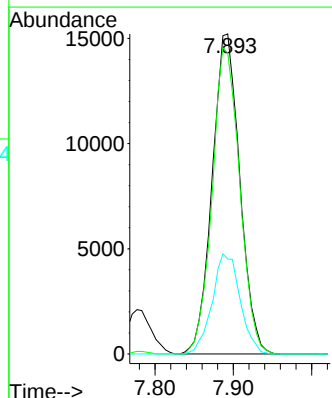
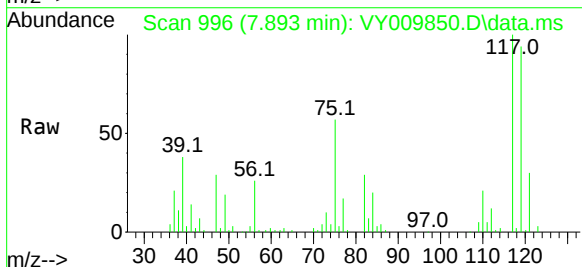
Tgt Ion: 117 Resp: 37296

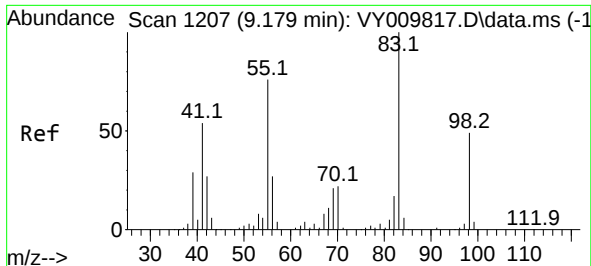
Ion Ratio Lower Upper

117 100

119 94.0 76.8 115.2

121 29.7 24.9 37.3





#39

Methylcyclohexane

Concen: 46.856 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

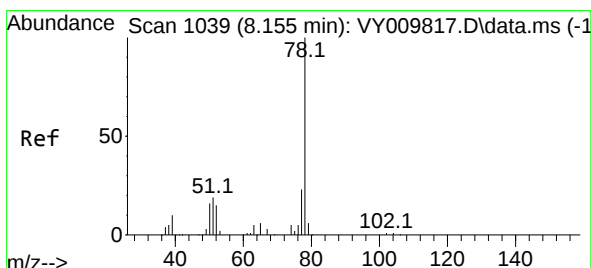
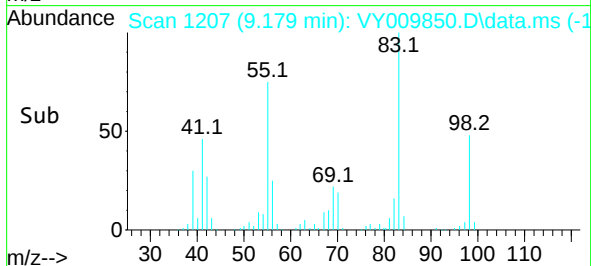
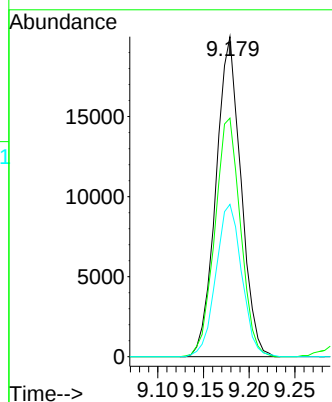
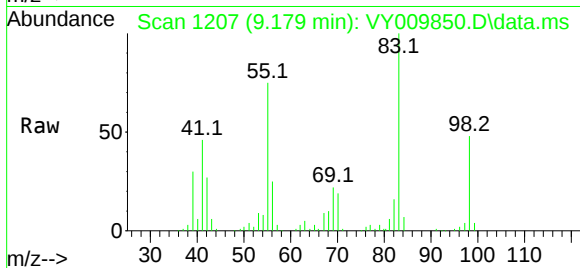
Tgt Ion: 83 Resp: 38072

Ion Ratio Lower Upper

83 100

55 74.5 61.1 91.7

98 47.6 39.0 58.4



#40

Benzene

Concen: 47.794 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY009850.D

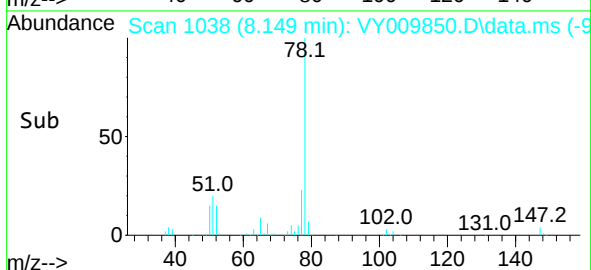
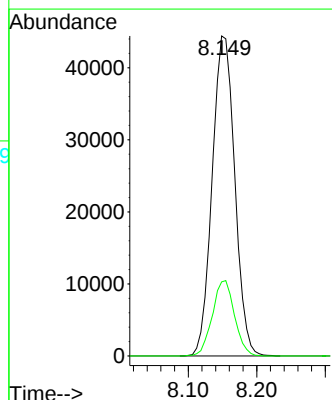
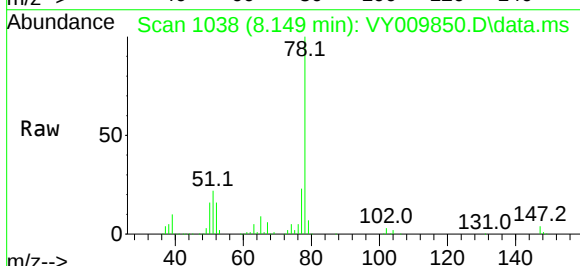
Acq: 05 Aug 2022 13:22

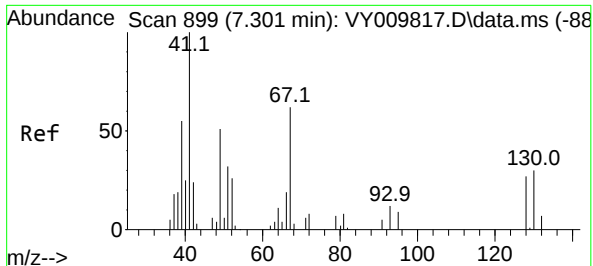
Tgt Ion: 78 Resp: 101539

Ion Ratio Lower Upper

78 100

77 23.1 18.8 28.2

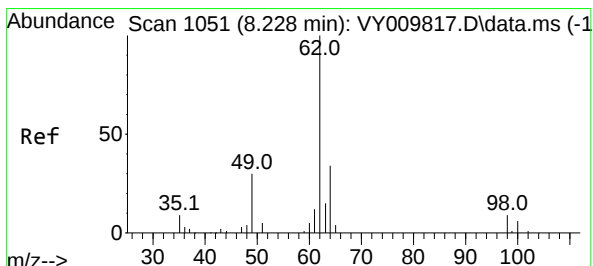
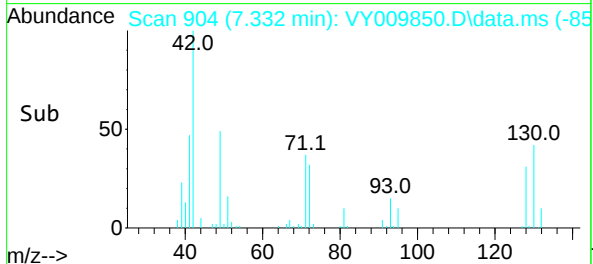
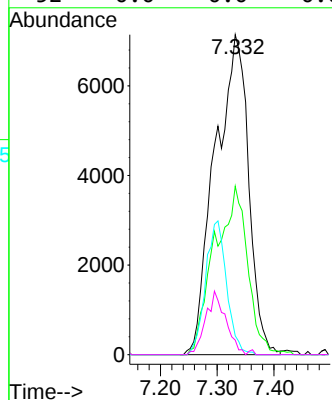
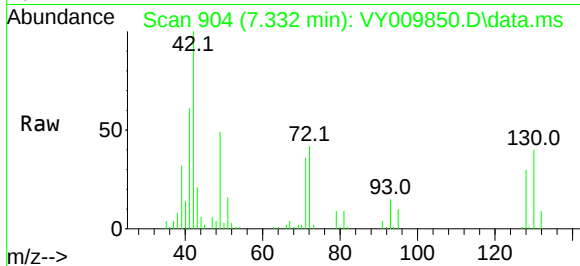




#41
Methacrylonitrile
Concen: 131.673 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.030 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

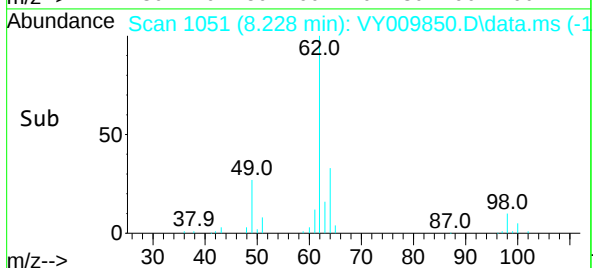
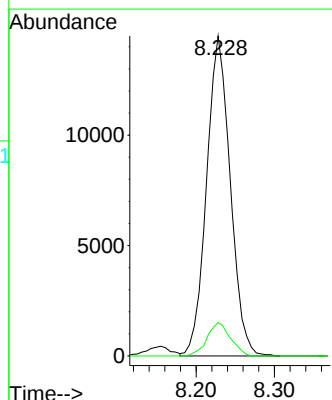
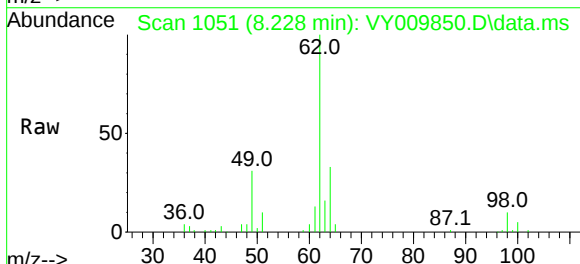
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

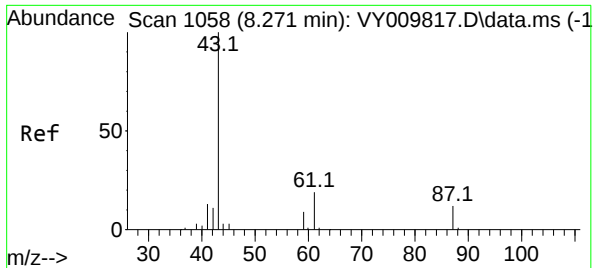
Tgt Ion: 41 Resp: 29295
Ion Ratio Lower Upper
41 100
39 52.1 61.5 92.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.879 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion: 62 Resp: 30427
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.0

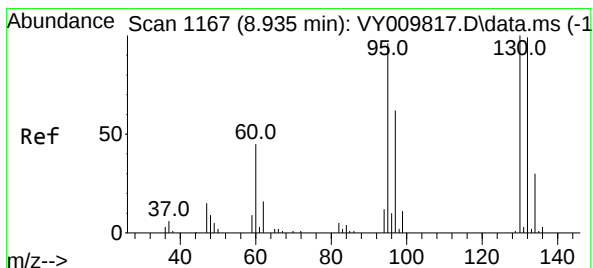
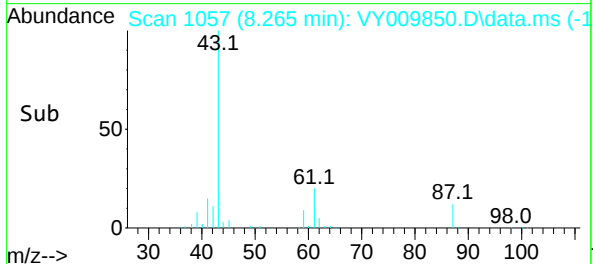
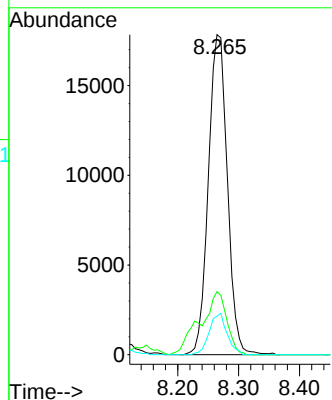
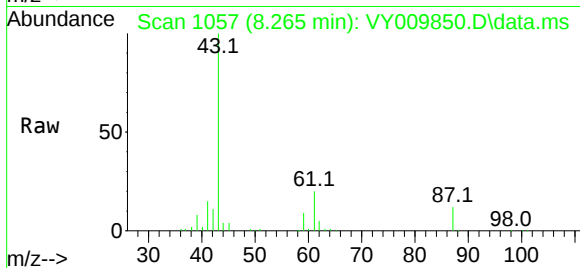




#43
Isopropyl Acetate
Concen: 48.645 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

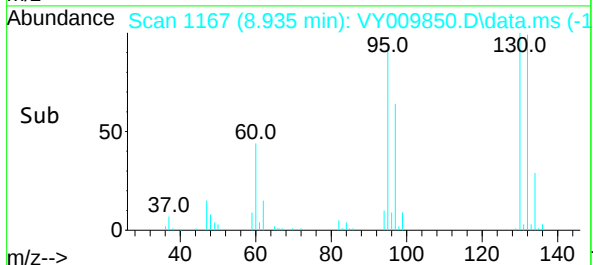
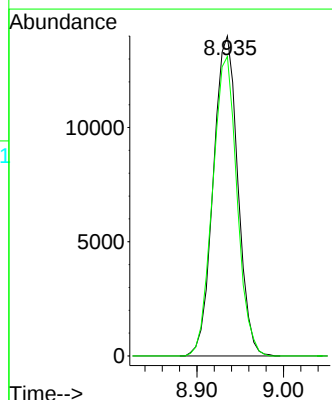
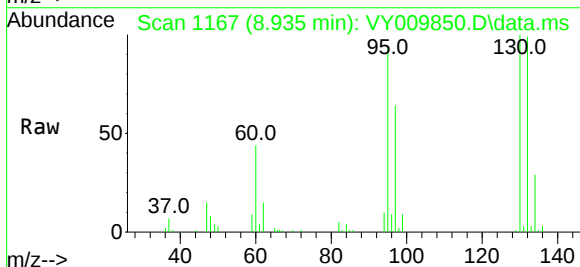
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

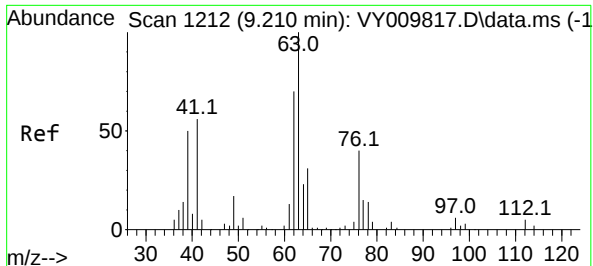
Tgt Ion: 43	Resp:	38664
Ion	Ratio	Lower Upper
43	100	
61	27.6	21.4 32.0
87	12.1	9.2 13.8



#44
Trichloroethene
Concen: 48.456 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion: 130	Resp:	27435
Ion	Ratio	Lower Upper
130	100	
95	93.6	0.0 191.2





#45

1,2-Dichloropropane

Concen: 48.530 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

Instrument :

MSVOA_Y

ClientSampleId :

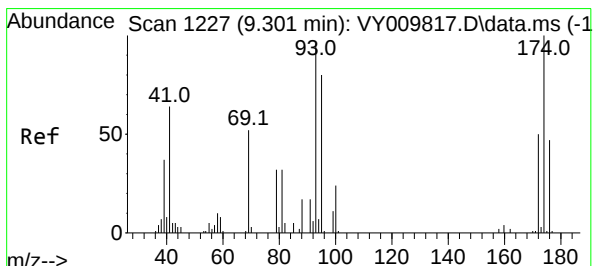
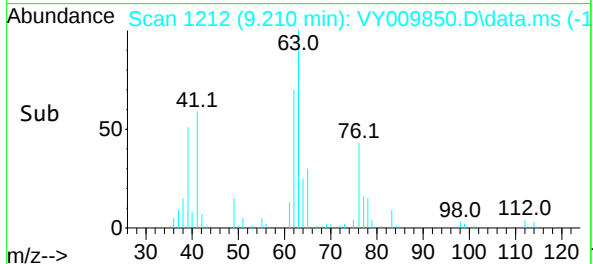
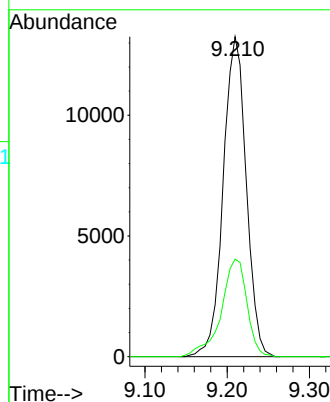
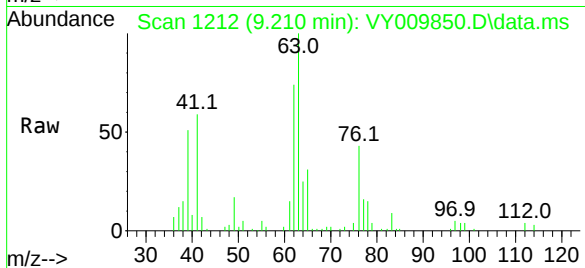
VSTDCCC050

Tgt Ion: 63 Resp: 25765

Ion Ratio Lower Upper

63 100

65 30.5 25.1 37.7



#46

Dibromomethane

Concen: 48.950 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

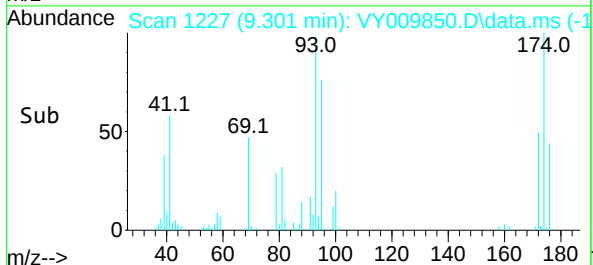
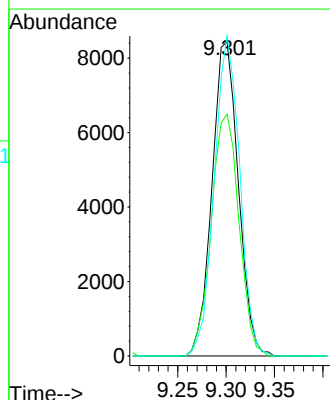
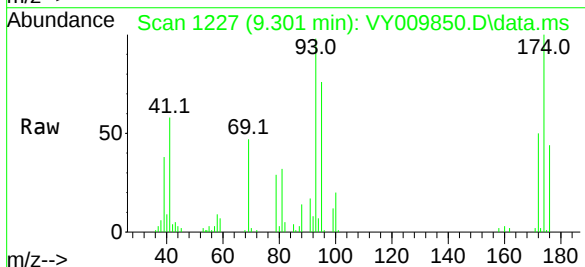
Tgt Ion: 93 Resp: 16020

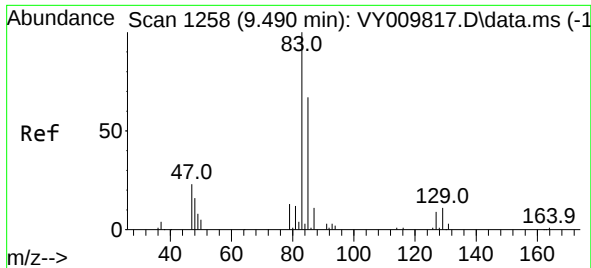
Ion Ratio Lower Upper

93 100

95 80.5 65.8 98.6

174 98.4 77.8 116.6

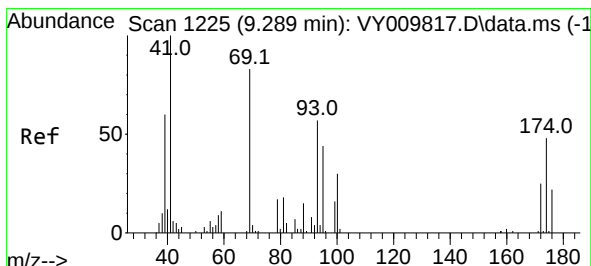
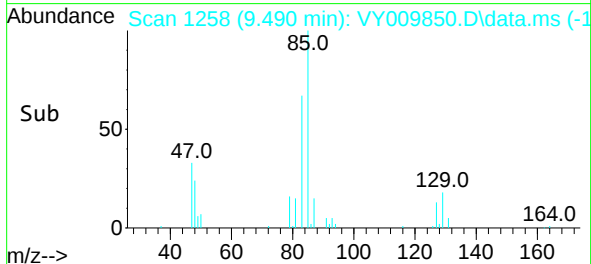
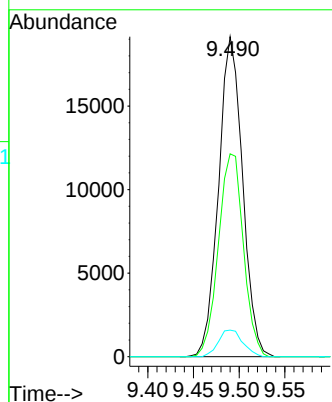
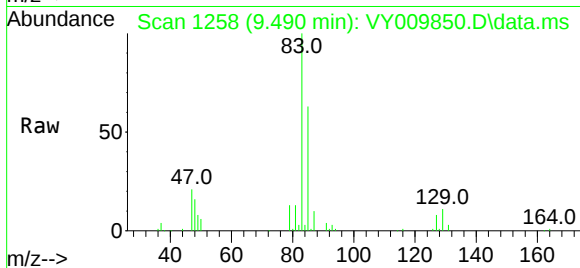




#47
Bromodichloromethane
Concen: 46.275 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

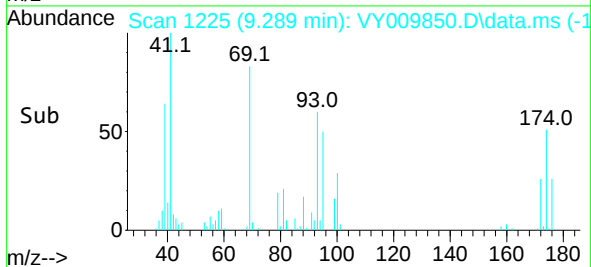
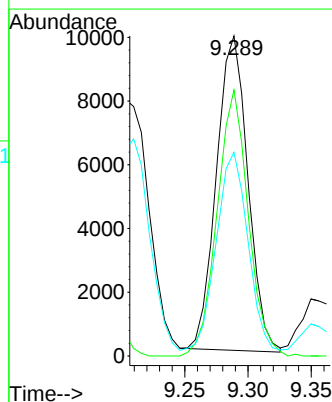
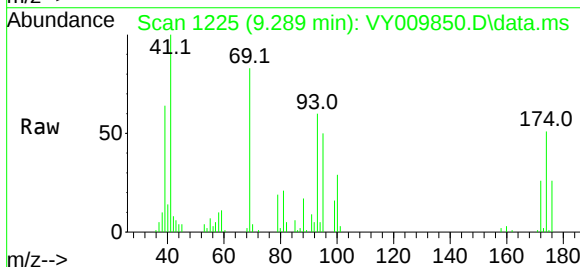
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

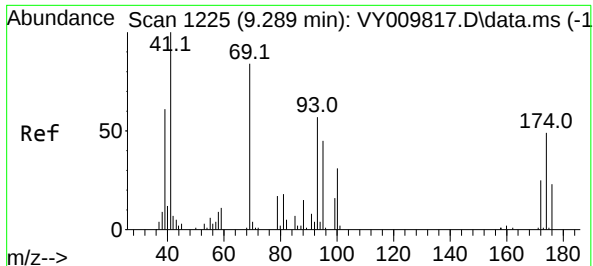
Tgt Ion: 83 Resp: 34999
Ion Ratio Lower Upper
83 100
85 63.4 54.0 81.0
127 8.3 6.8 10.2



#48
Methyl methacrylate
Concen: 46.813 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion: 41 Resp: 17055
Ion Ratio Lower Upper
41 100
69 83.8 62.5 93.7
39 63.7 47.7 71.5





#49

1,4-Dioxane

Concen: 909.152 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

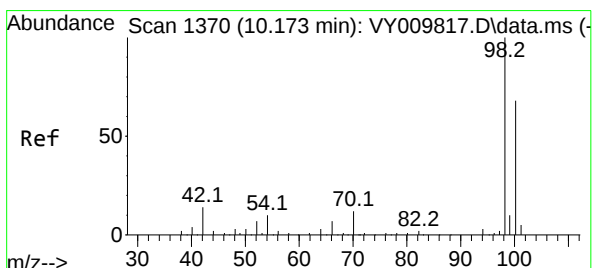
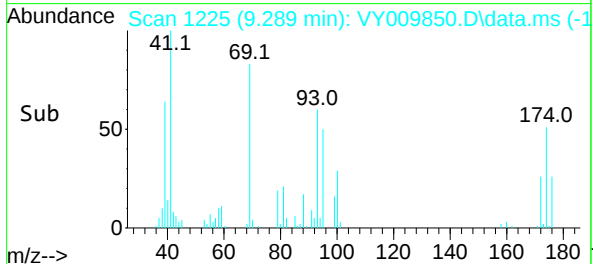
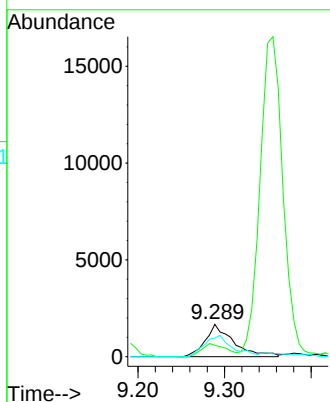
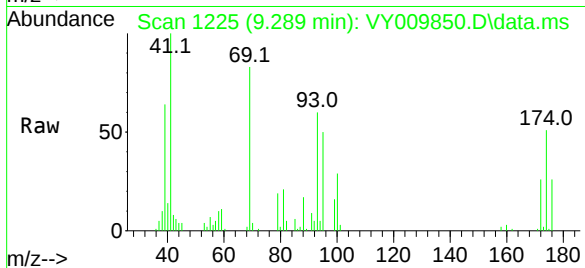
Tgt Ion: 88 Resp: 3750

Ion Ratio Lower Upper

88 100

43 35.0 26.2 39.2

58 64.9 47.5 71.3



#50

Toluene-d8

Concen: 46.143 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009850.D

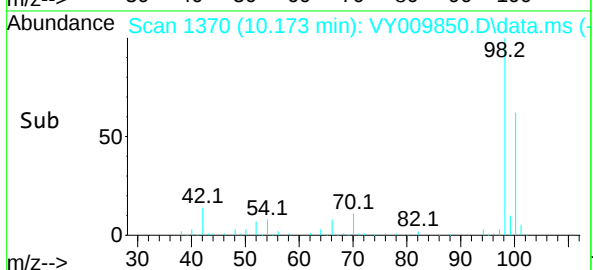
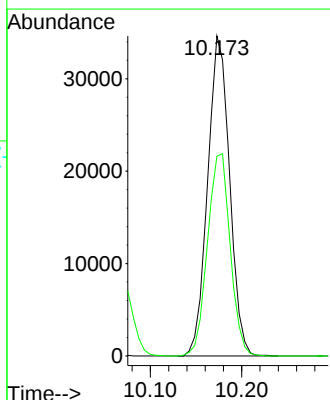
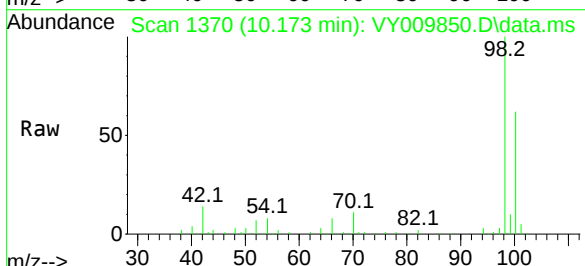
Acq: 05 Aug 2022 13:22

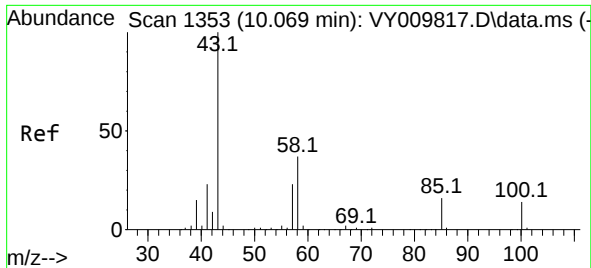
Tgt Ion: 98 Resp: 57848

Ion Ratio Lower Upper

98 100

100 65.3 53.4 80.2

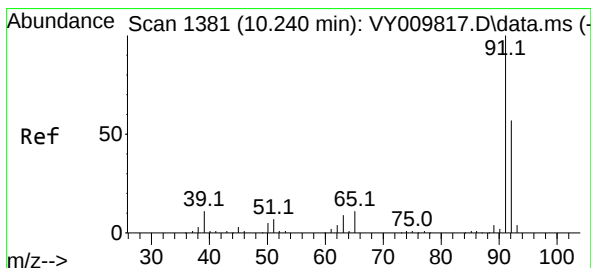
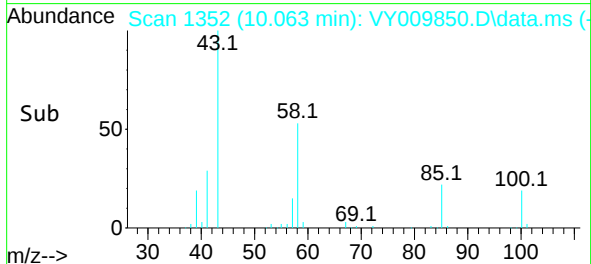
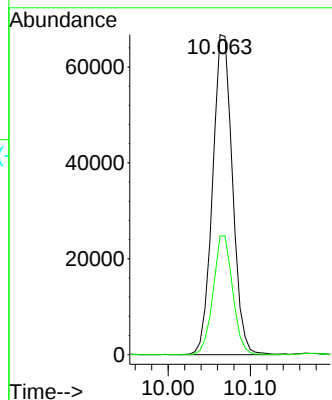
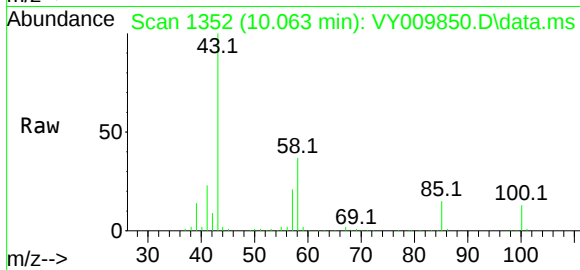




#51
4-Methyl-2-Pentanone
Concen: 250.104 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

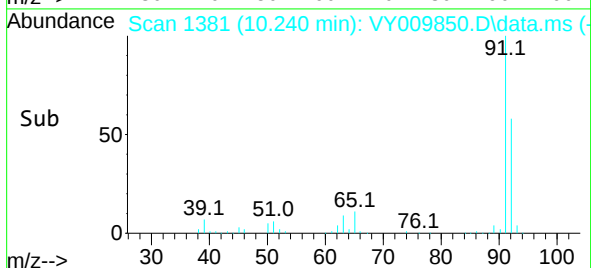
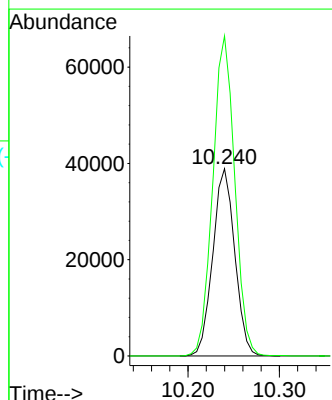
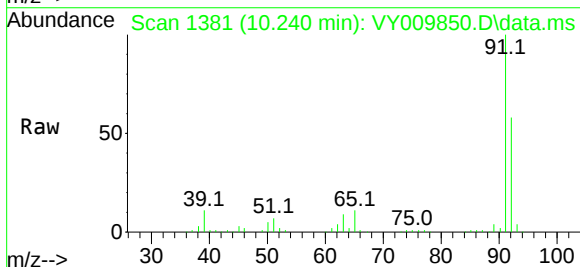
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

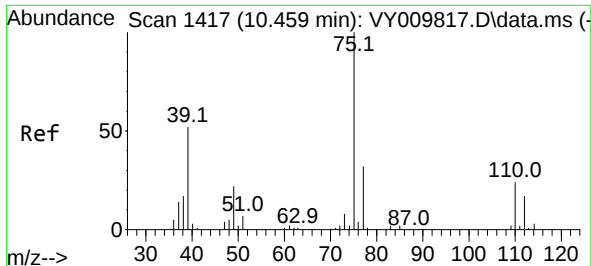
Tgt Ion: 43 Resp: 112130
Ion Ratio Lower Upper
43 100
58 36.5 28.7 43.1



#52
Toluene
Concen: 48.516 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion: 92 Resp: 64946
Ion Ratio Lower Upper
92 100
91 171.0 140.0 210.0

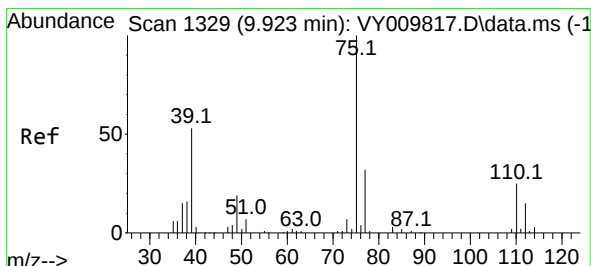
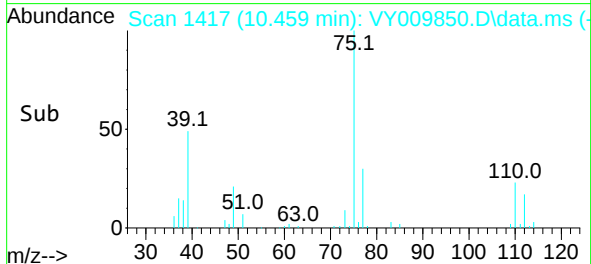
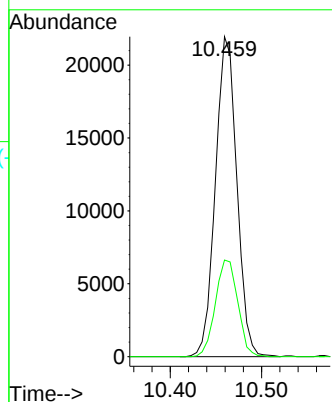
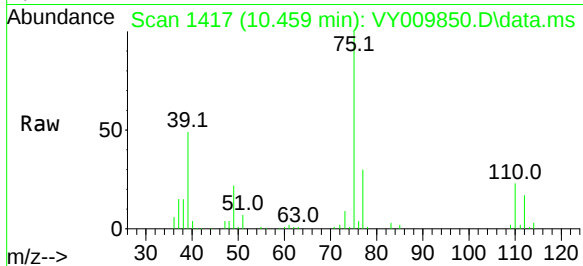




#53
t-1,3-Dichloropropene
Concen: 48.227 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

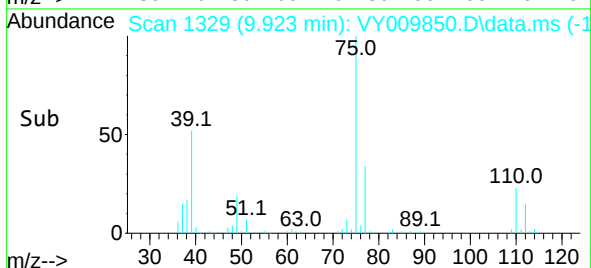
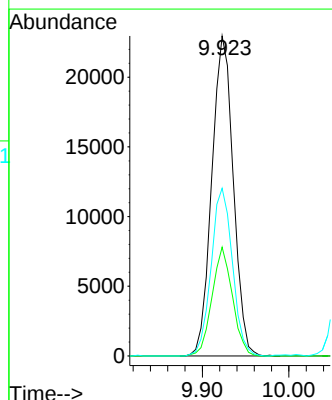
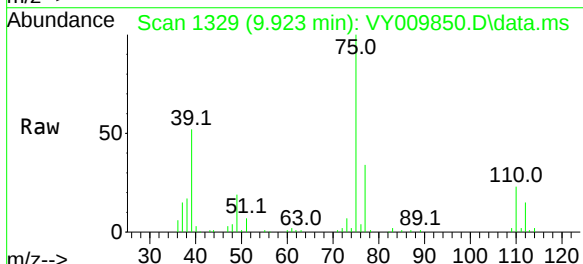
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

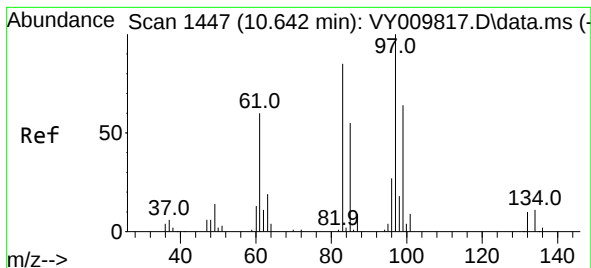
Tgt Ion: 75 Resp: 35752
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 47.254 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion: 75 Resp: 39533
Ion Ratio Lower Upper
75 100
77 34.0 25.8 38.6
39 52.4 42.6 63.8





#55

1,1,2-Trichloroethane

Concen: 50.598 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 22188

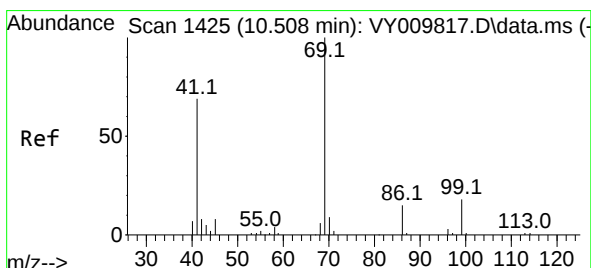
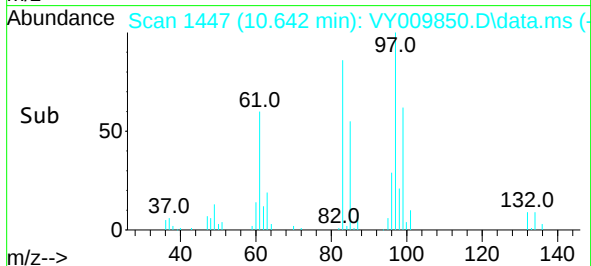
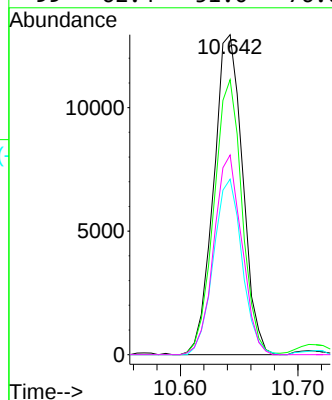
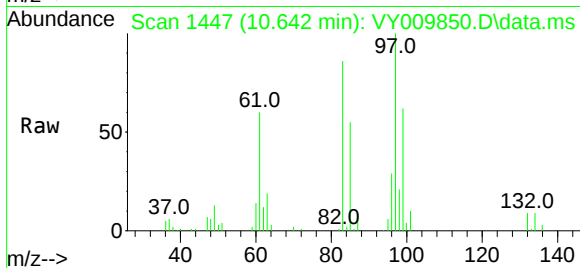
Ion Ratio Lower Upper

97 100

83 85.9 67.8 101.6

85 54.9 43.7 65.5

99 62.4 51.0 76.6



#56

Ethyl methacrylate

Concen: 44.589 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

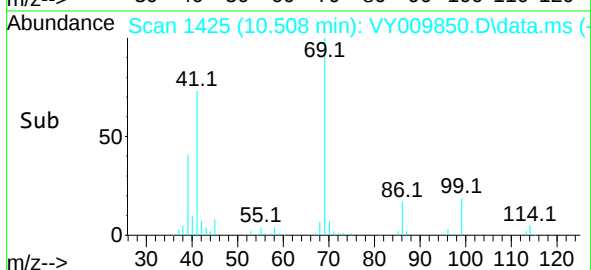
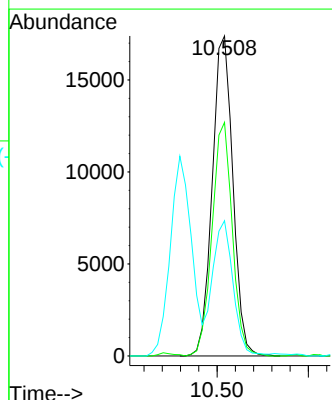
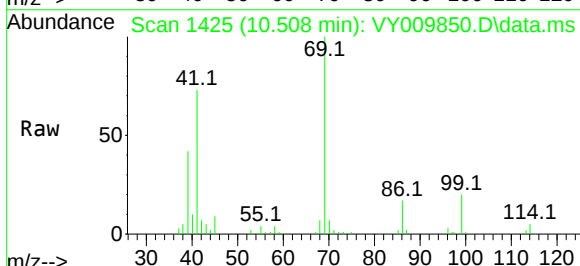
Tgt Ion: 69 Resp: 27211

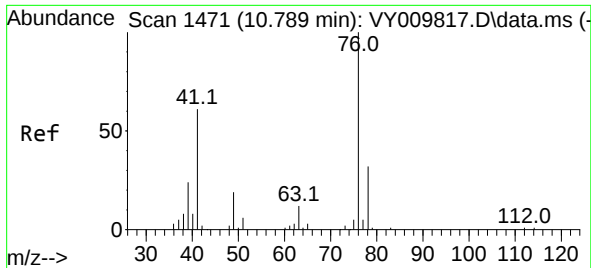
Ion Ratio Lower Upper

69 100

41 71.9 58.2 87.4

39 41.3 33.8 50.8

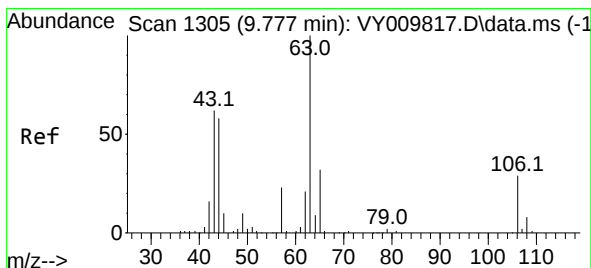
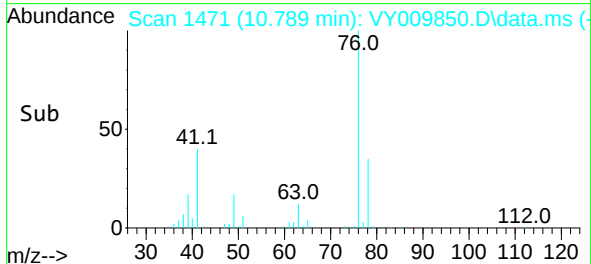
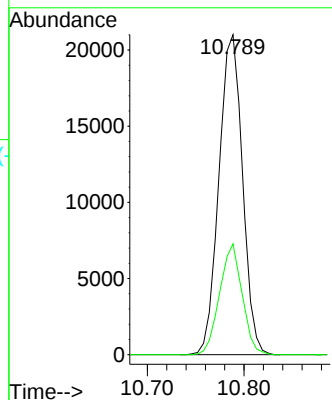
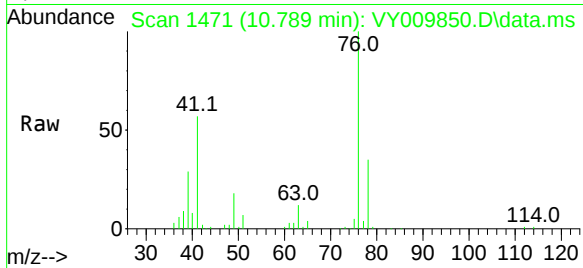




#57
1,3-Dichloropropane
Concen: 47.624 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

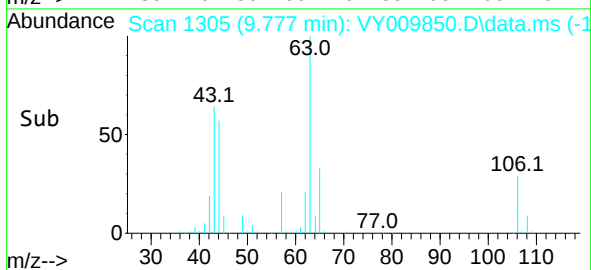
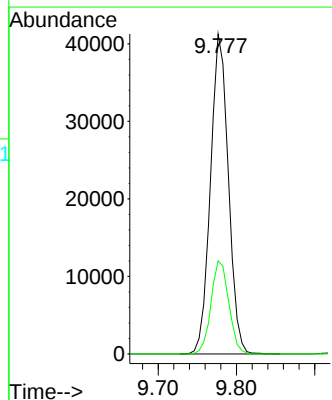
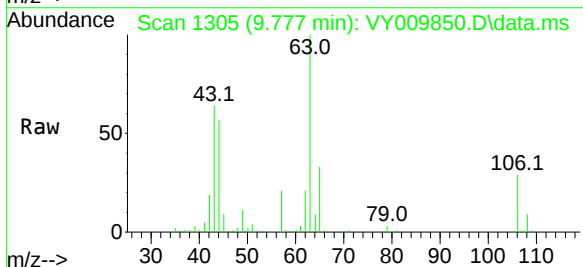
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

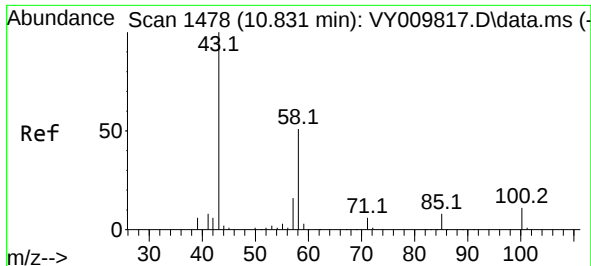
Tgt Ion: 76 Resp: 35468
Ion Ratio Lower Upper
76 100
78 33.1 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 243.766 ug/l
RT: 9.777 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion: 63 Resp: 65424
Ion Ratio Lower Upper
63 100
106 28.9 22.8 34.2

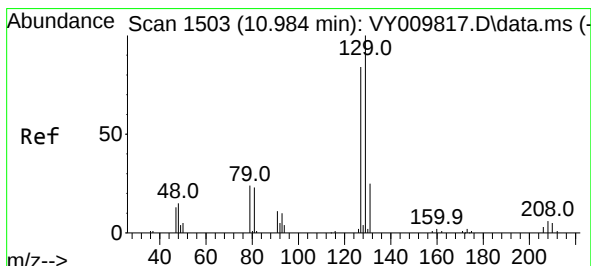
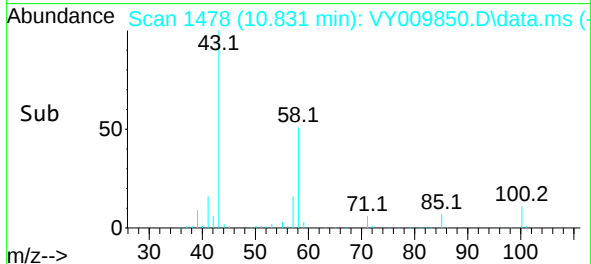
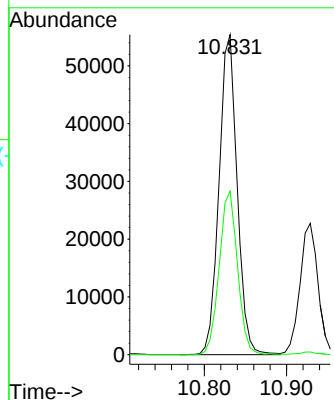
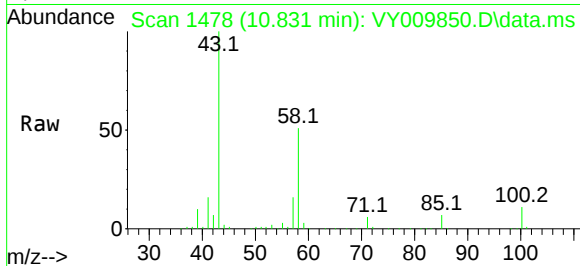




#59
2-Hexanone
Concen: 273.376 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

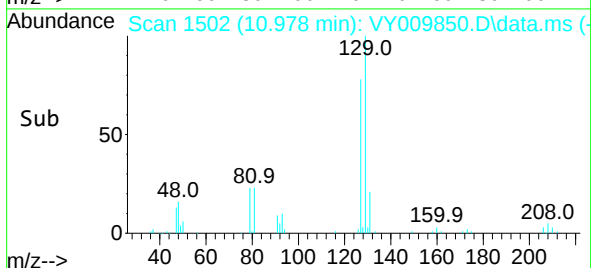
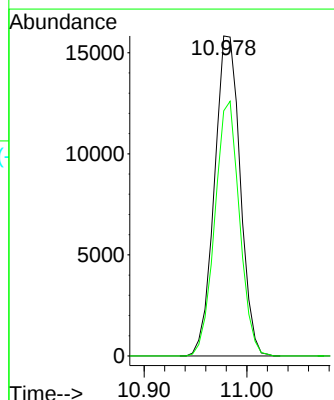
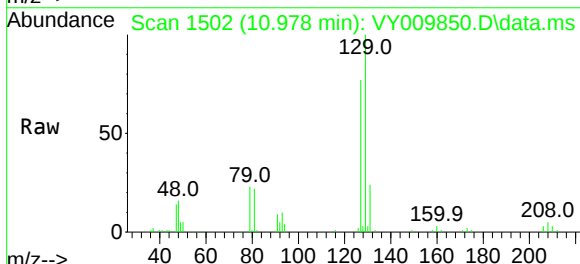
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

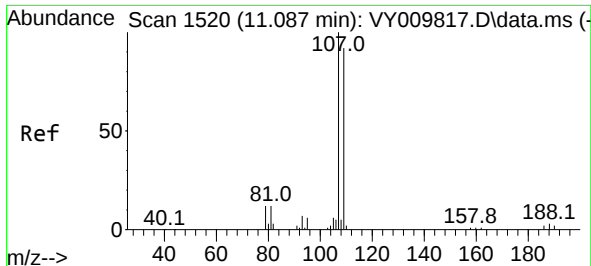
Tgt Ion: 43 Resp: 84920
Ion Ratio Lower Upper
43 100
58 51.6 25.8 77.3



#60
Dibromochloromethane
Concen: 52.312 ug/l
RT: 10.978 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion: 129 Resp: 27432
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.3

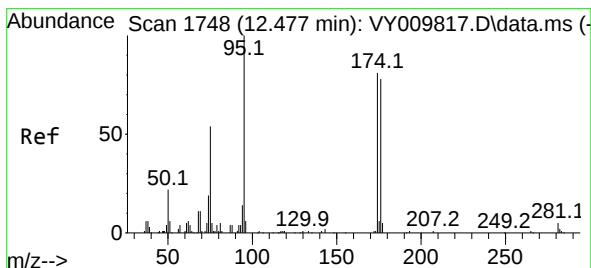
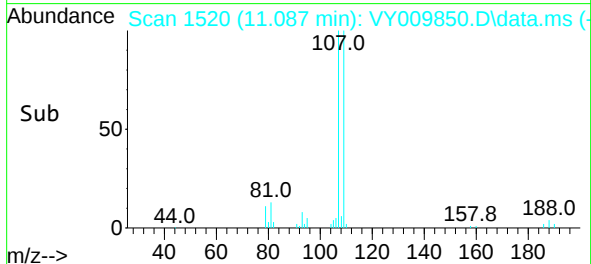
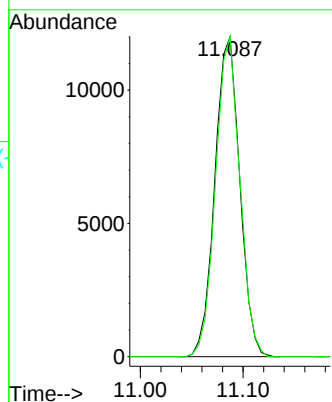
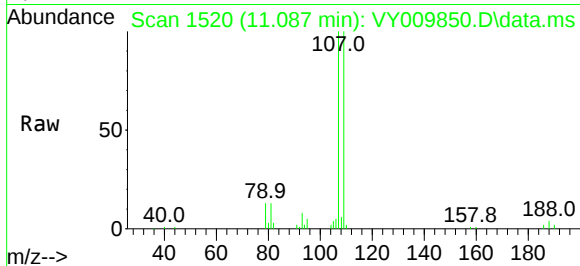




#61
1,2-Dibromoethane
Concen: 47.111 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

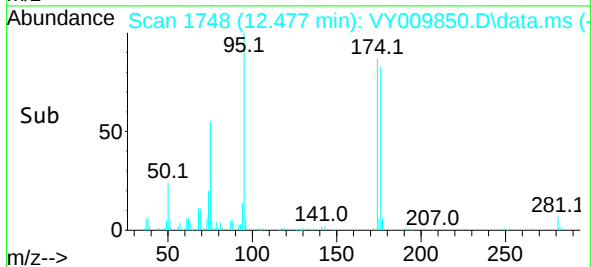
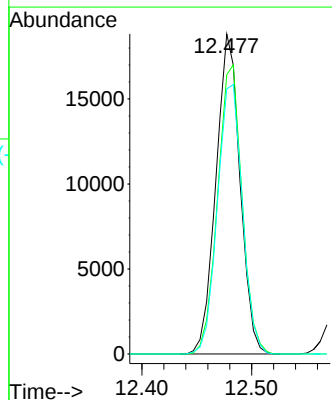
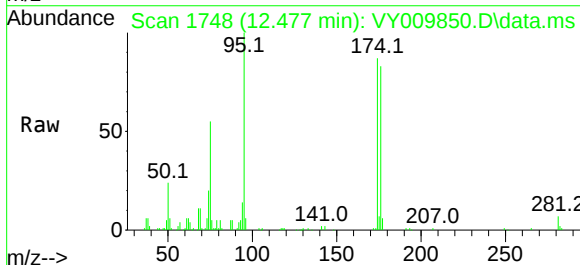
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

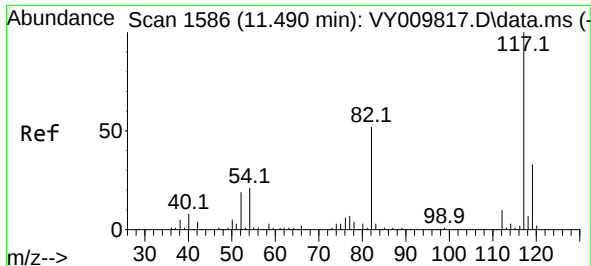
Tgt Ion:107 Resp: 20158
Ion Ratio Lower Upper
107 100
109 97.5 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 50.203 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion: 95 Resp: 28698
Ion Ratio Lower Upper
95 100
174 91.5 0.0 168.6
176 87.3 0.0 163.6

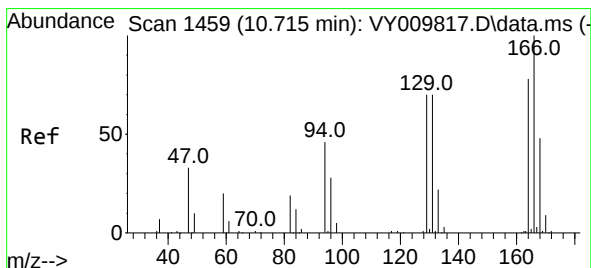
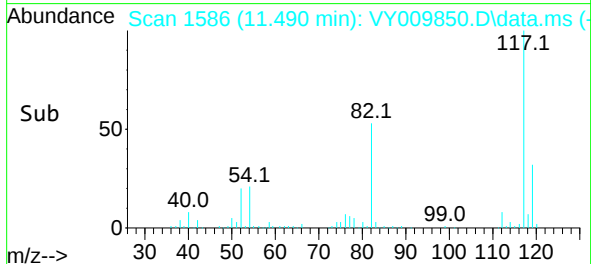
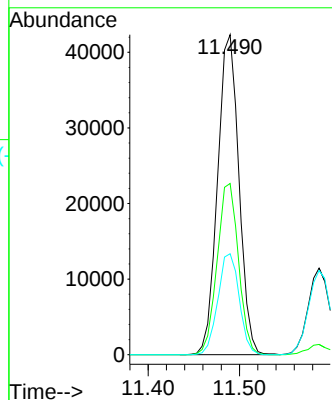
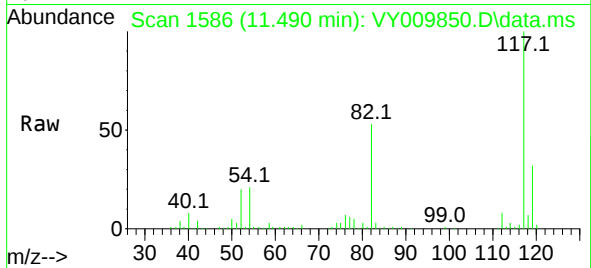




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

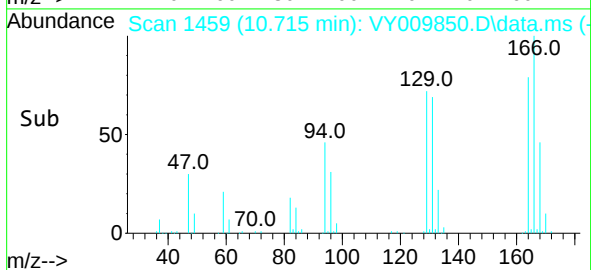
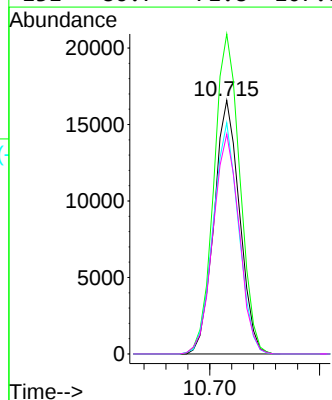
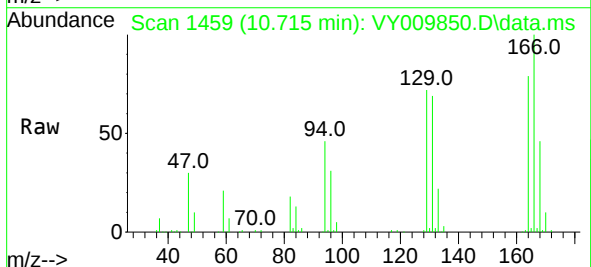
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

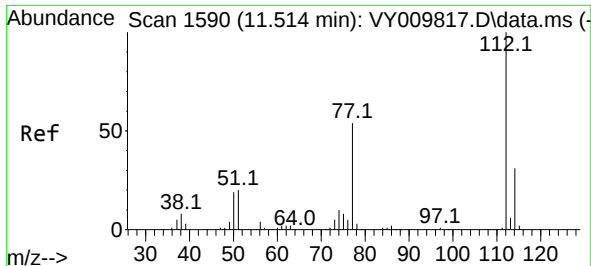
Tgt Ion:117 Resp: 68703
Ion Ratio Lower Upper
117 100
82 53.5 41.7 62.5
119 31.6 26.6 40.0



#64
Tetrachloroethene
Concen: 49.172 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion:164 Resp: 26802
Ion Ratio Lower Upper
164 100
166 126.2 103.0 154.6
129 91.2 72.2 108.2
131 86.7 71.8 107.8

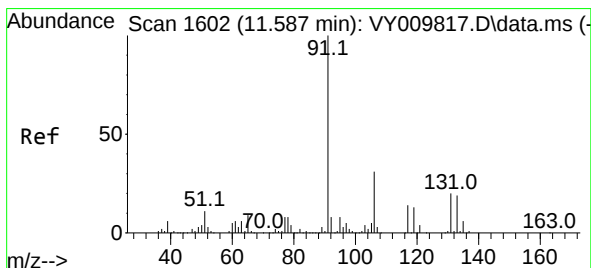
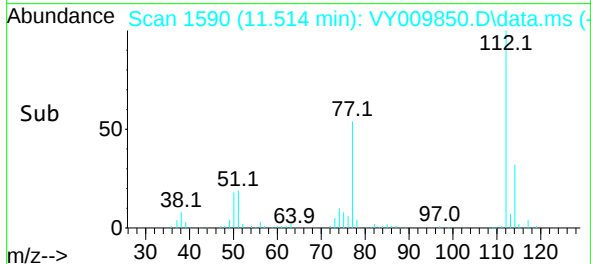
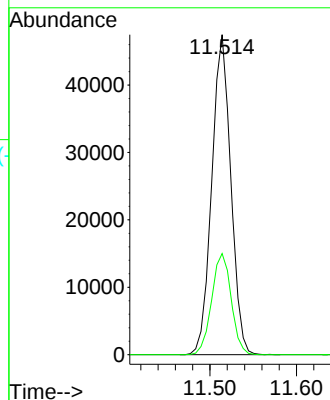
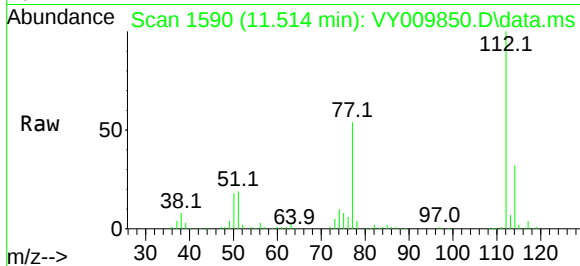




#65
Chlorobenzene
Concen: 48.503 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

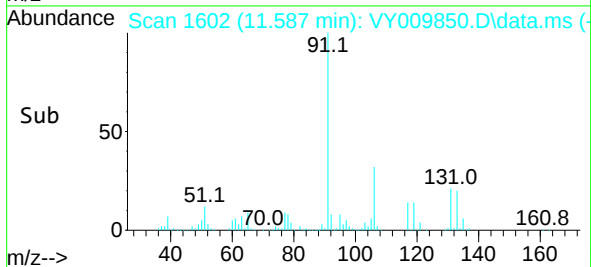
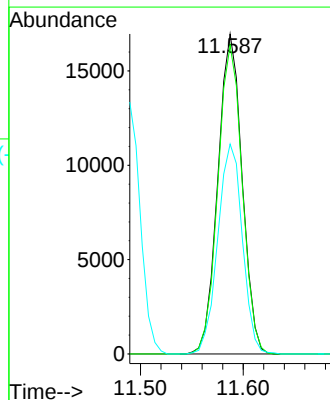
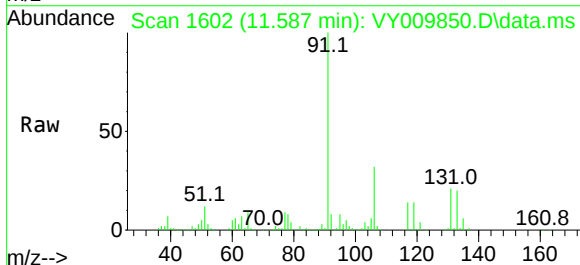
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

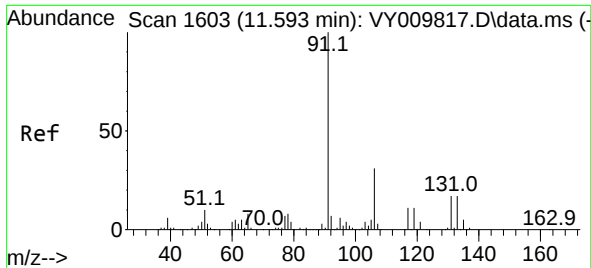
Tgt Ion:112 Resp: 72391
Ion Ratio Lower Upper
112 100
114 31.6 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.073 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion:131 Resp: 27728
Ion Ratio Lower Upper
131 100
133 96.8 48.0 144.0
119 66.5 33.1 99.2

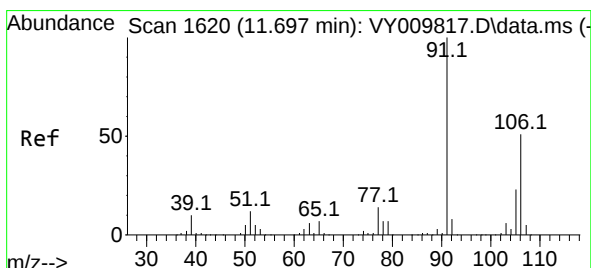
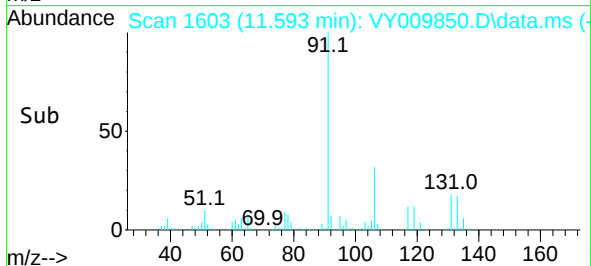
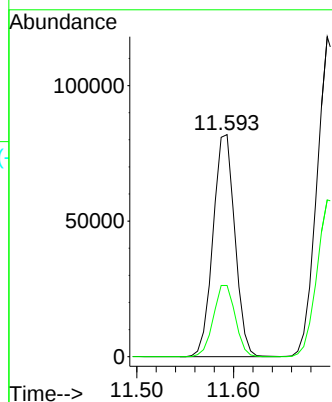
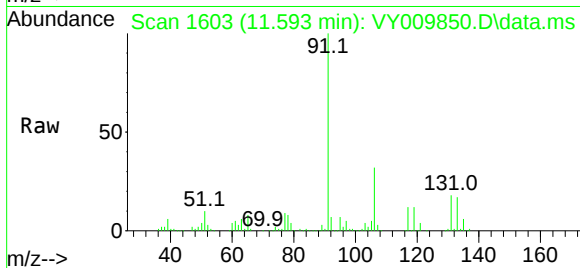




#67
Ethyl Benzene
Concen: 49.456 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

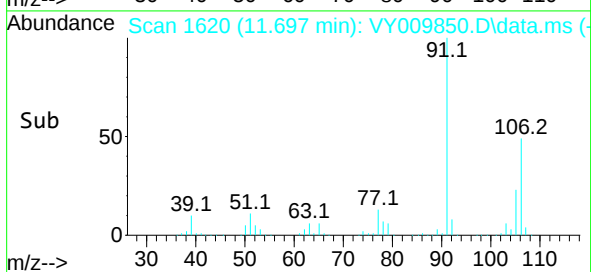
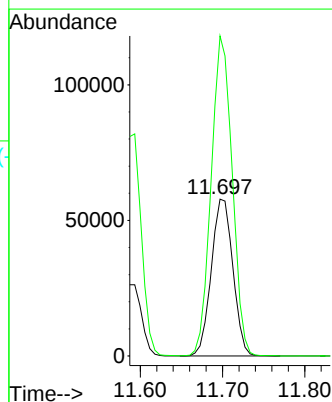
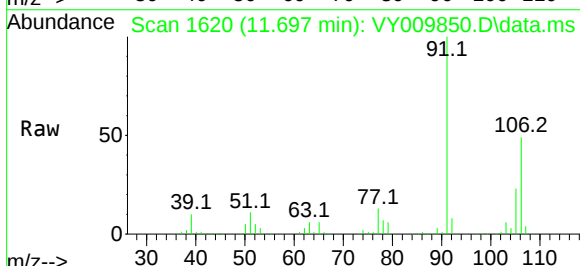
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

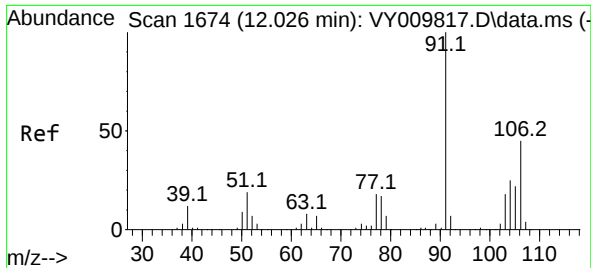
Tgt Ion: 91 Resp: 128167
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3



#68
m/p-Xylenes
Concen: 103.831 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion:106 Resp: 105626
Ion Ratio Lower Upper
106 100
91 198.9 160.6 240.8

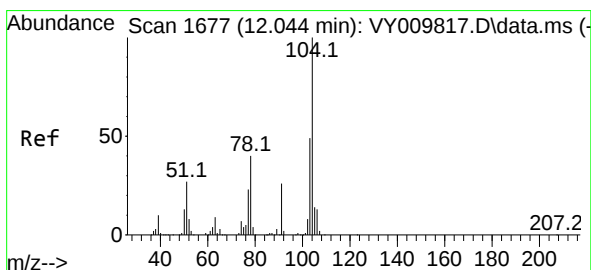
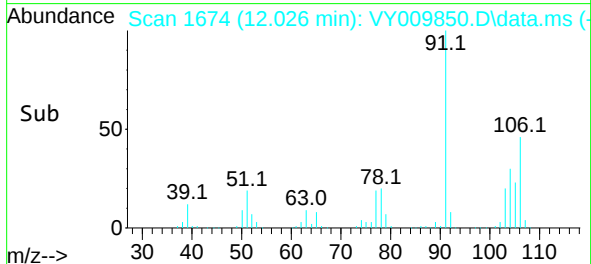
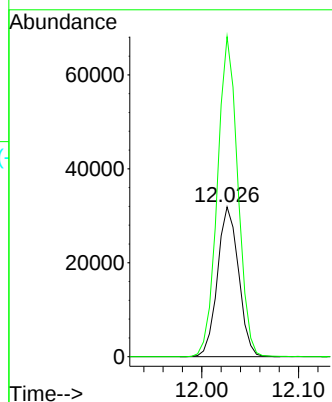
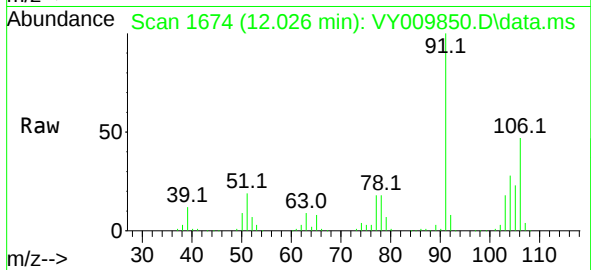




#69
o-Xylene
Concen: 53.053 ug/l
RT: 12.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

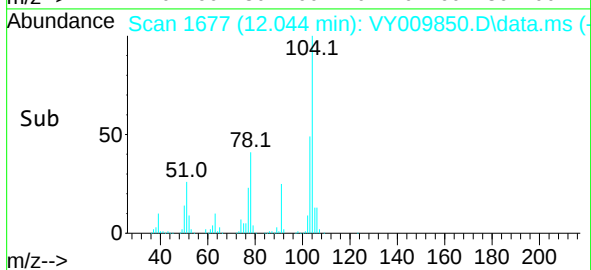
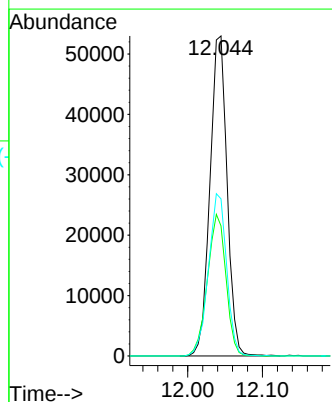
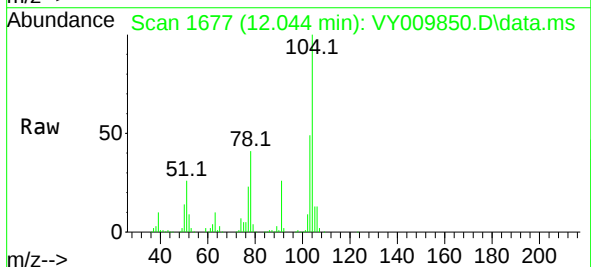
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

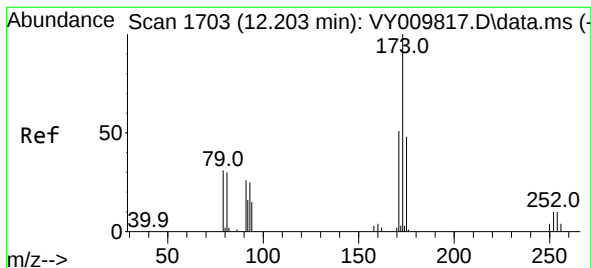
Tgt Ion:106 Resp: 48225
Ion Ratio Lower Upper
106 100
91 207.1 106.6 319.8



#70
Styrene
Concen: 49.723 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion:104 Resp: 84513
Ion Ratio Lower Upper
104 100
78 47.7 37.4 56.0
103 53.8 42.8 64.2





#71

Bromoform

Concen: 53.400 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

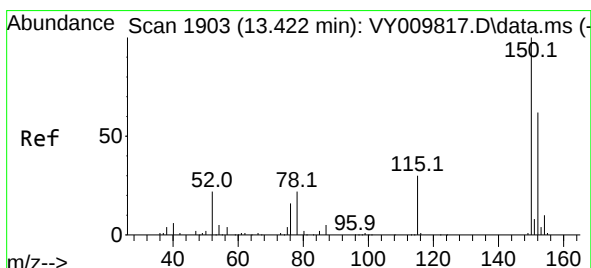
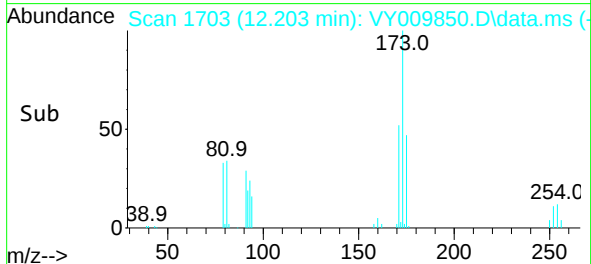
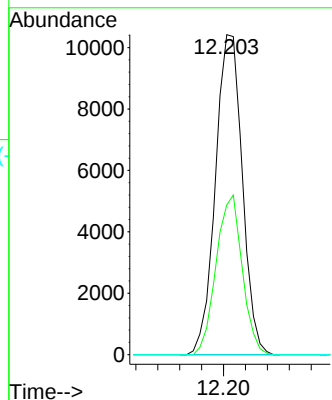
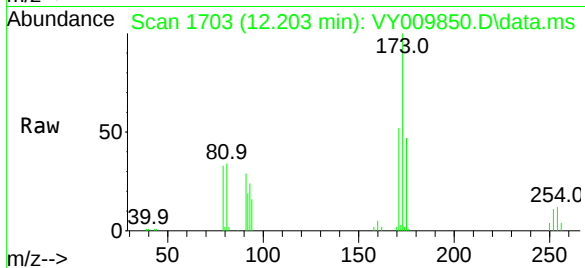
Tgt Ion:173 Resp: 17732

Ion Ratio Lower Upper

173 100

175 48.3 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

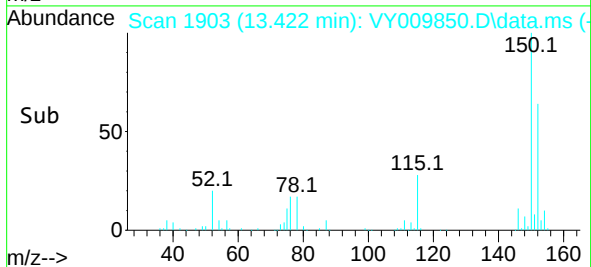
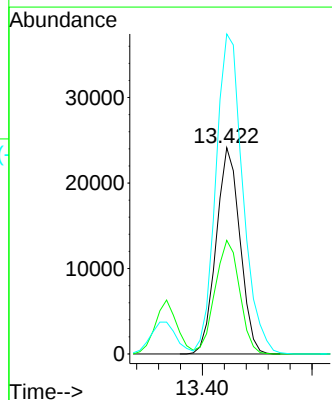
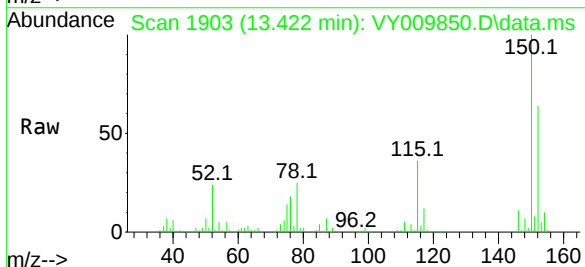
Tgt Ion:152 Resp: 36427

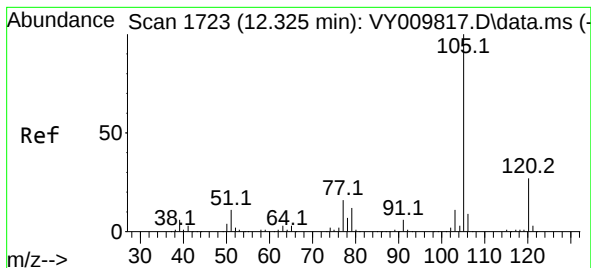
Ion Ratio Lower Upper

152 100

115 56.8 28.9 86.7

150 175.8 0.0 354.2





#73

Isopropylbenzene

Concen: 49.475 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

Instrument :

MSVOA_Y

ClientSampleId :

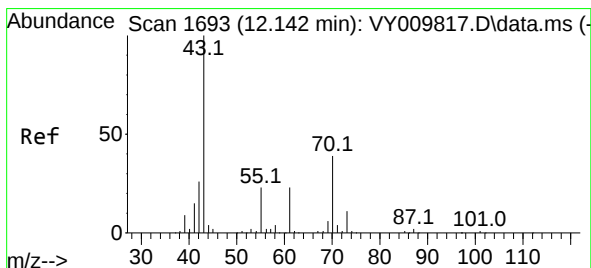
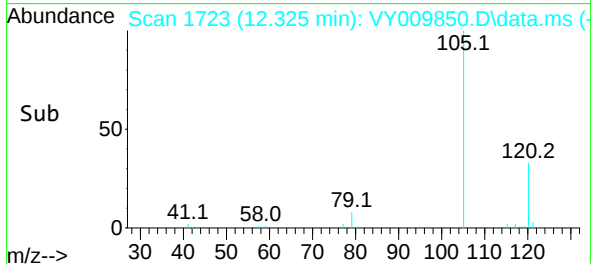
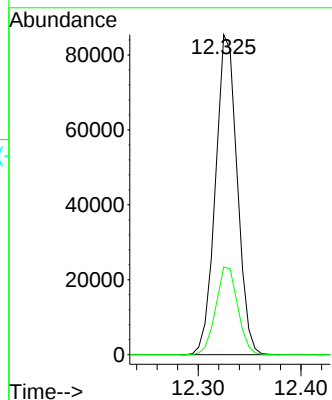
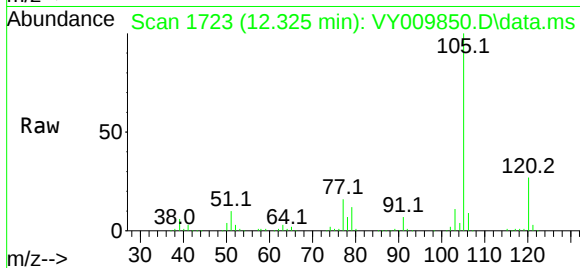
VSTDCCC050

Tgt Ion:105 Resp: 125179

Ion Ratio Lower Upper

105 100

120 27.7 13.8 41.3



#74

N-ethyl acetate

Concen: 43.033 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

Tgt Ion: 43 Resp: 38501

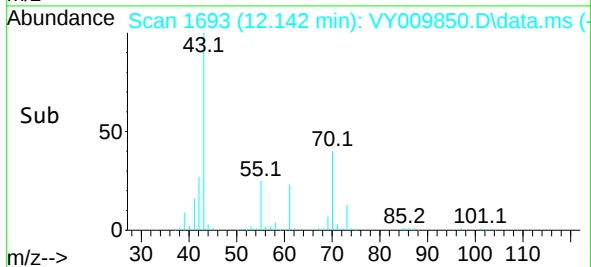
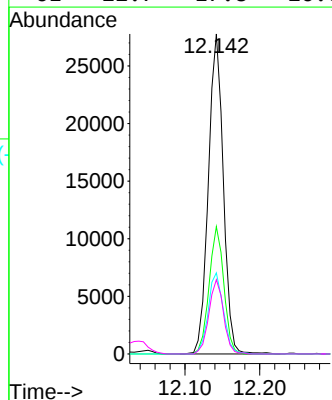
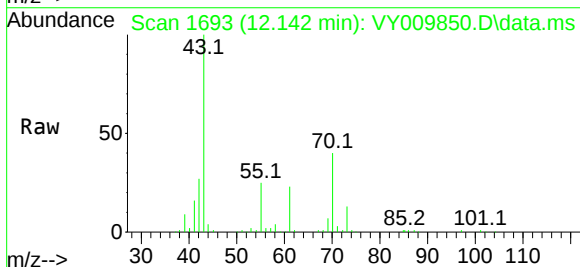
Ion Ratio Lower Upper

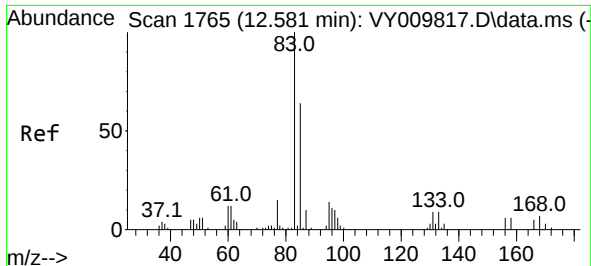
43 100

70 39.2 31.4 47.0

55 25.8 19.0 28.4

61 22.7 17.8 26.6

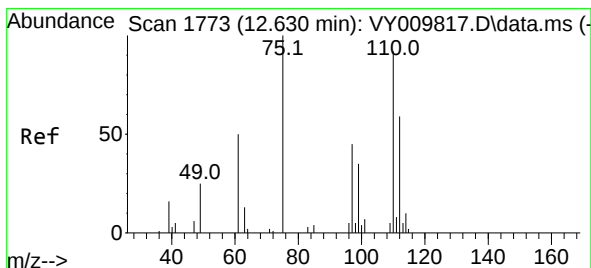
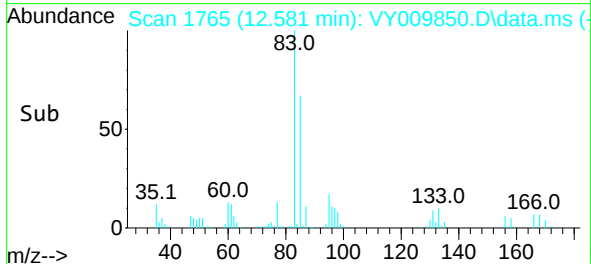
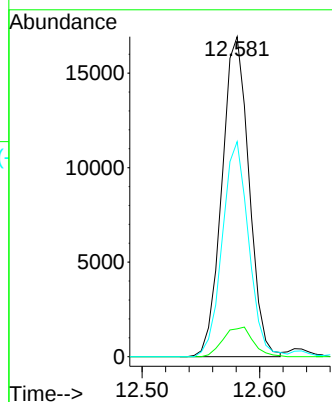
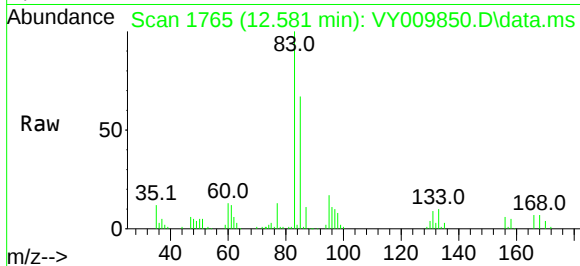




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.484 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY009850.D
 Acq: 05 Aug 2022 13:22

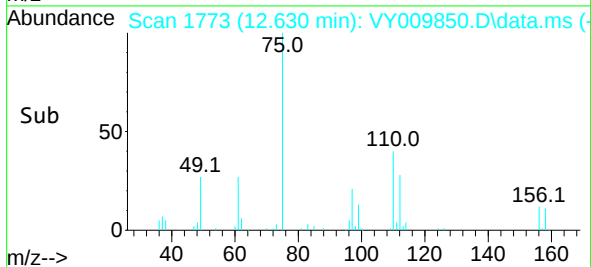
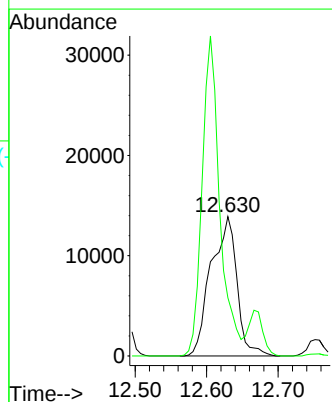
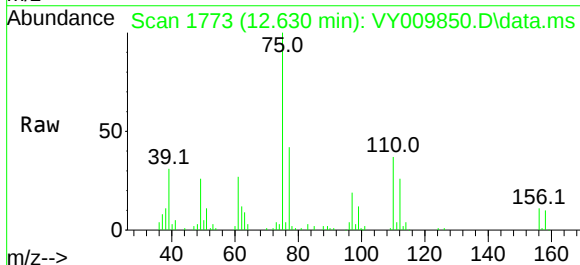
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

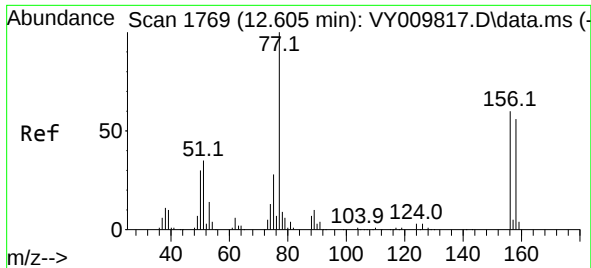
Tgt Ion: 83 Resp: 27078
 Ion Ratio Lower Upper
 83 100
 131 10.2 4.9 14.7
 85 65.4 31.6 94.8



#76
 1,2,3-Trichloropropane
 Concen: 84.075 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY009850.D
 Acq: 05 Aug 2022 13:22

Tgt Ion: 75 Resp: 35034
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

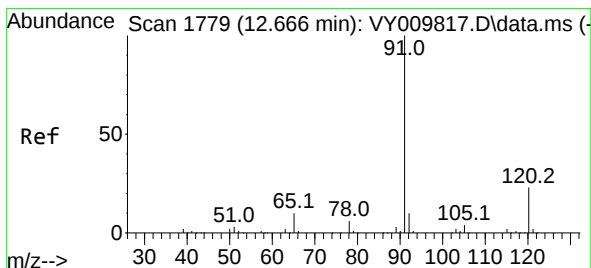
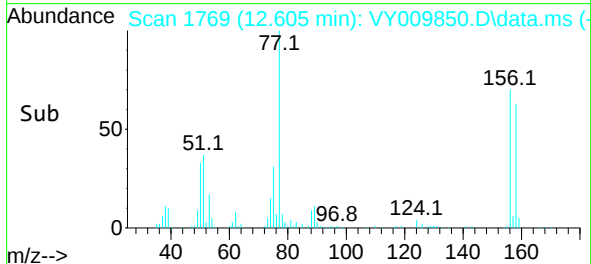
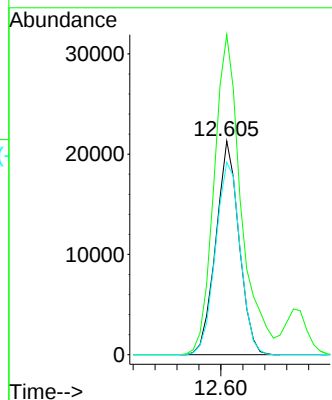
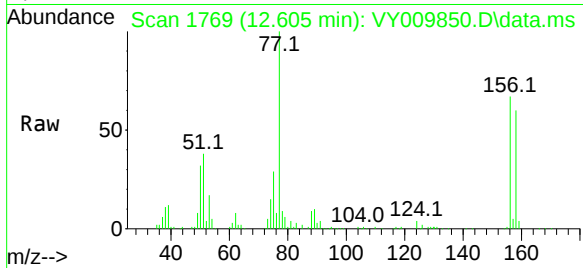




#77
Bromobenzene
Concen: 49.325 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

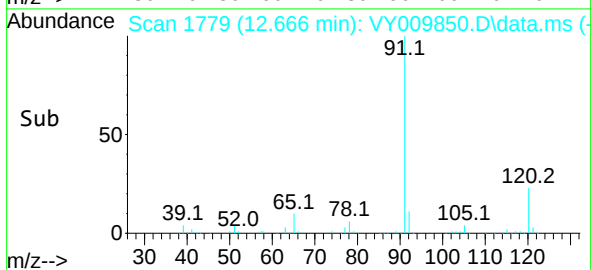
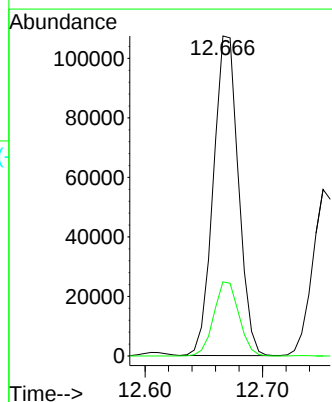
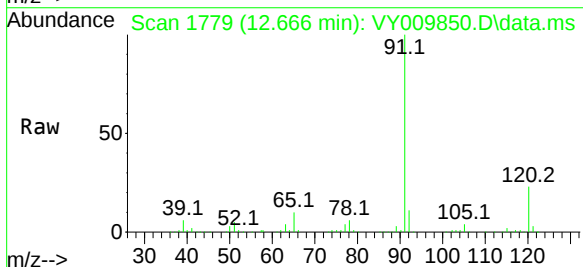
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

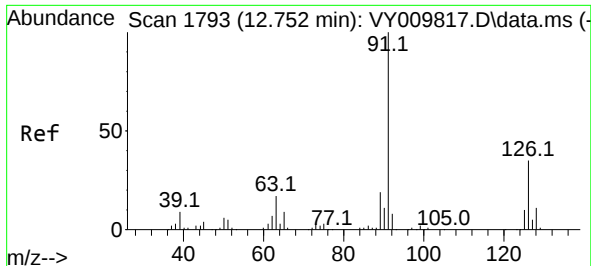
Tgt Ion:156 Resp: 31334
Ion Ratio Lower Upper
156 100
77 174.9 94.0 282.0
158 95.7 48.9 146.6



#78
n-propylbenzene
Concen: 49.843 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion: 91 Resp: 159116
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8

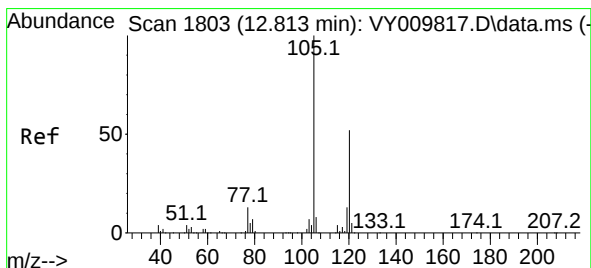
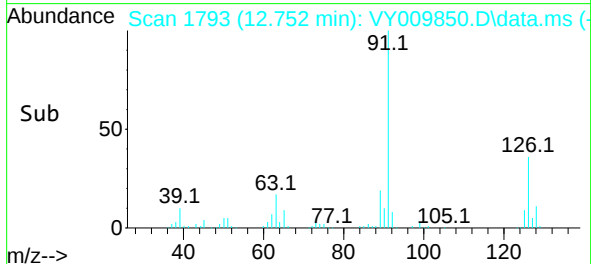
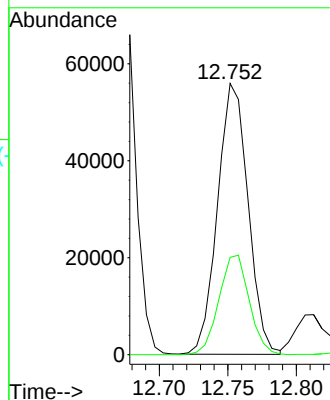
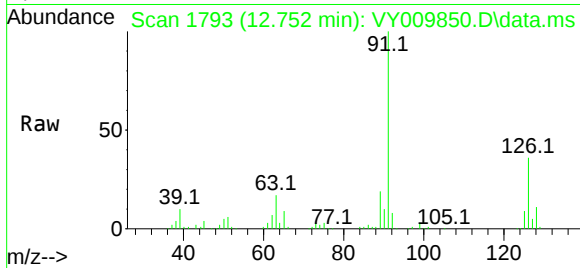




#79
2-Chlorotoluene
Concen: 48.816 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

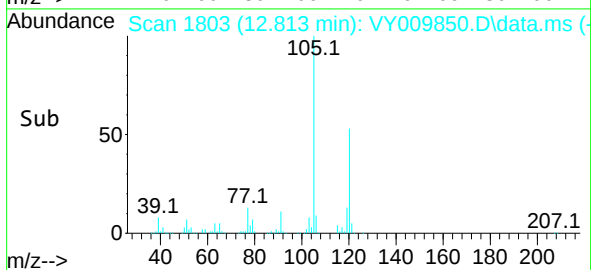
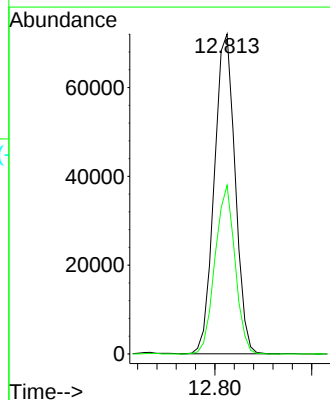
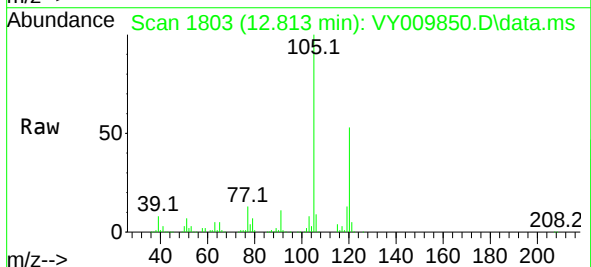
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

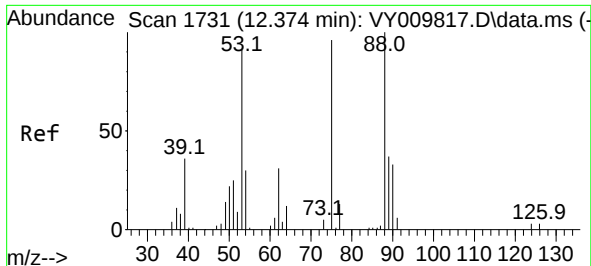
Tgt Ion: 91 Resp: 86776
Ion Ratio Lower Upper
91 100
126 36.5 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 50.414 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion: 105 Resp: 107604
Ion Ratio Lower Upper
105 100
120 50.6 25.6 76.6

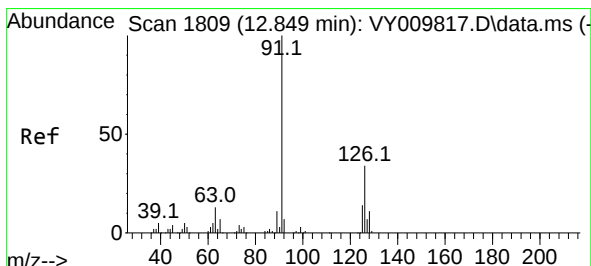
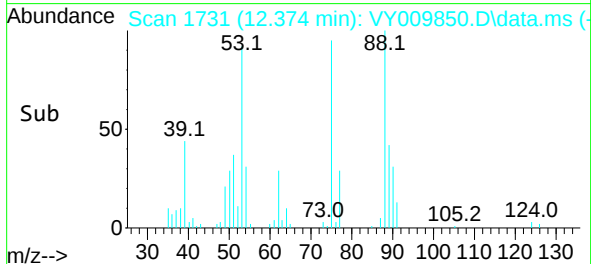
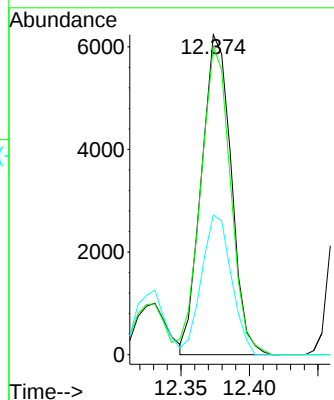
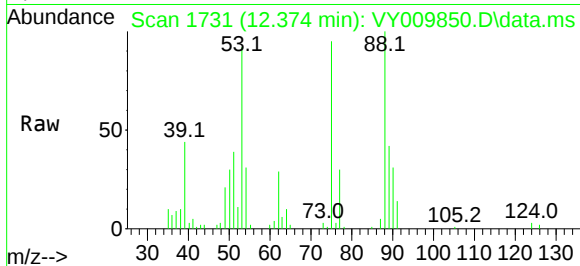




#81
trans-1,4-Dichloro-2-butene
Concen: 48.405 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

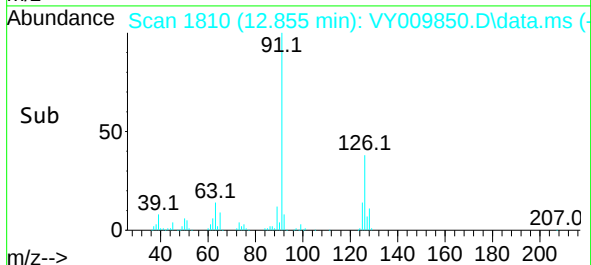
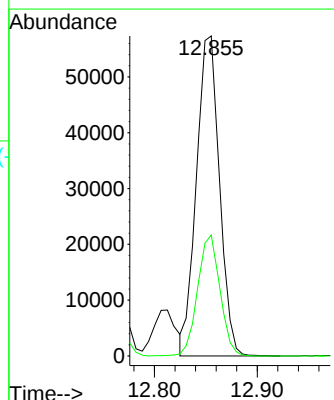
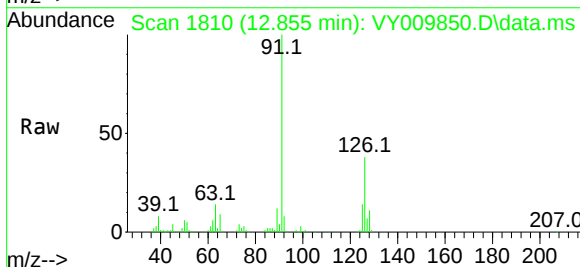
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

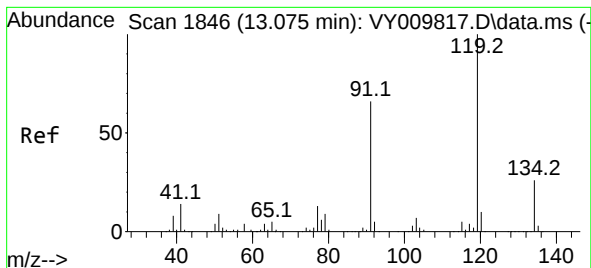
Tgt Ion: 75 Resp: 9398
Ion Ratio Lower Upper
75 100
53 96.9 74.2 111.4
89 43.8 35.3 52.9



#82
4-Chlorotoluene
Concen: 47.737 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion: 91 Resp: 89510
Ion Ratio Lower Upper
91 100
126 36.6 17.6 52.8

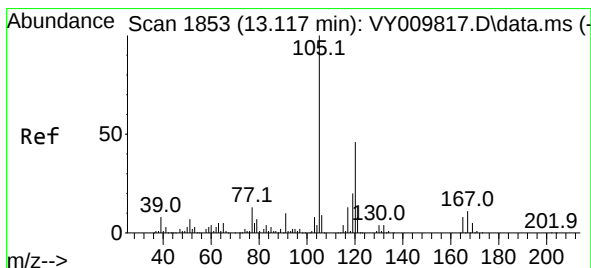
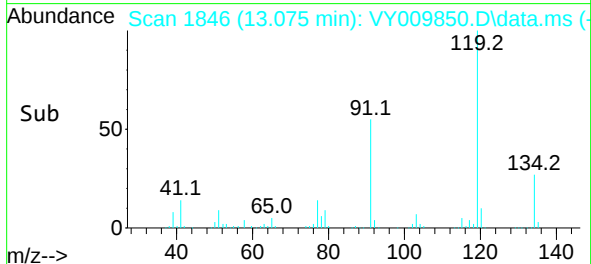
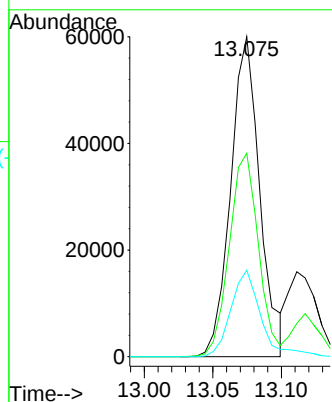
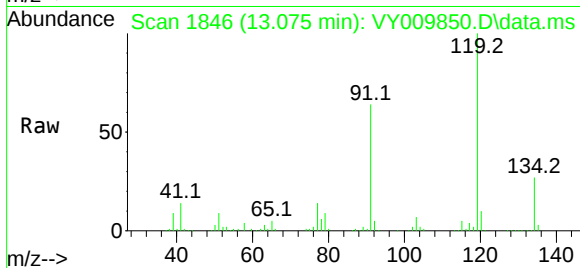




#83
tert-Butylbenzene
Concen: 48.690 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

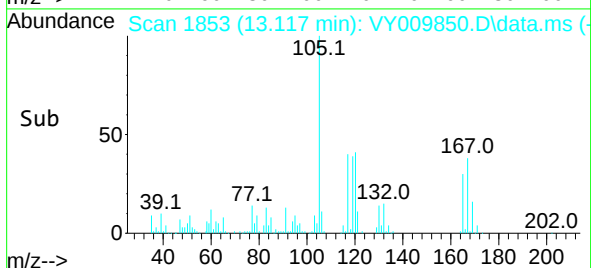
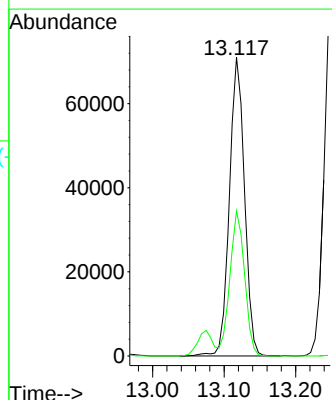
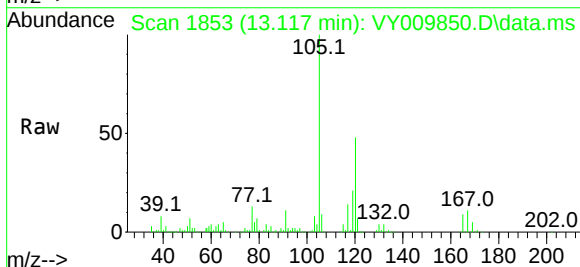
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

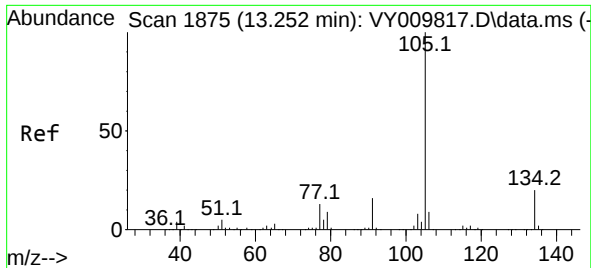
Tgt Ion:119 Resp: 88831
Ion Ratio Lower Upper
119 100
91 63.7 32.0 96.0
134 27.8 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 49.411 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion:105 Resp: 103975
Ion Ratio Lower Upper
105 100
120 47.1 23.0 69.0

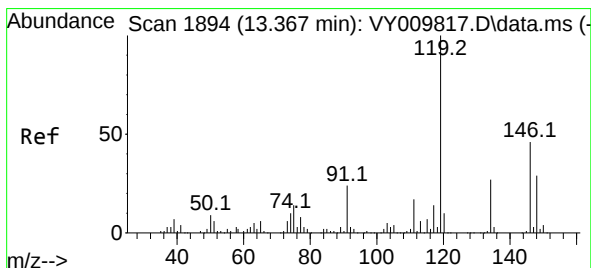
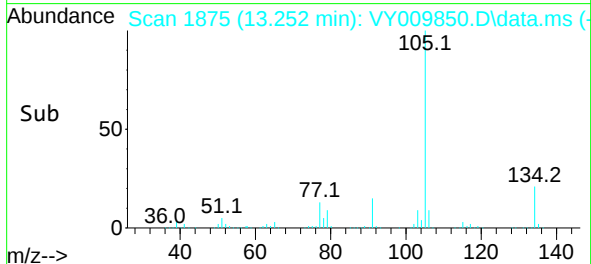
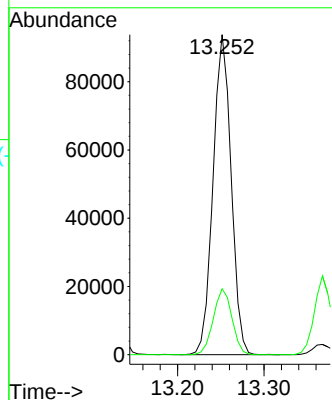
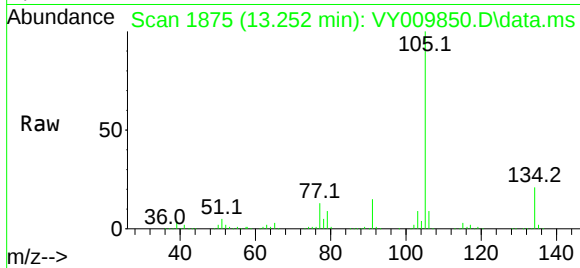




#85
 sec-Butylbenzene
 Concen: 48.810 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009850.D
 Acq: 05 Aug 2022 13:22

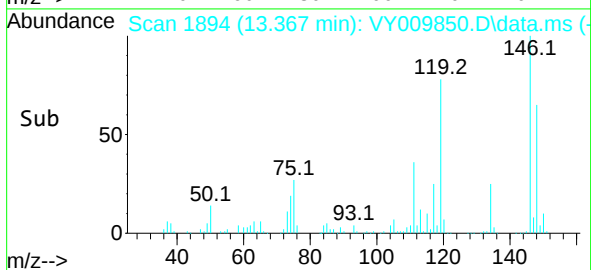
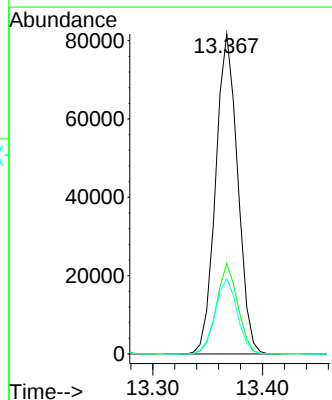
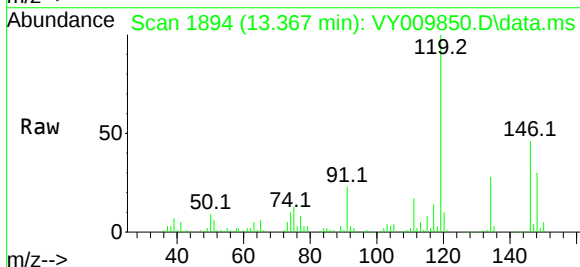
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

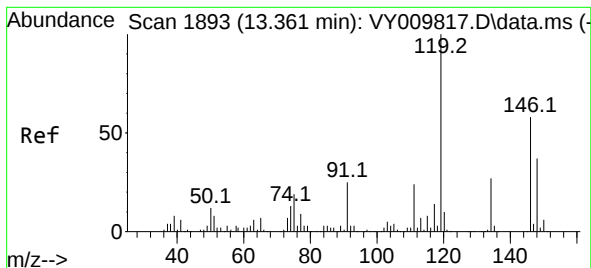
Tgt Ion:105 Resp: 136134
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 50.366 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009850.D
 Acq: 05 Aug 2022 13:22

Tgt Ion:119 Resp: 113920
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.5 40.4
 91 23.8 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 47.404 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

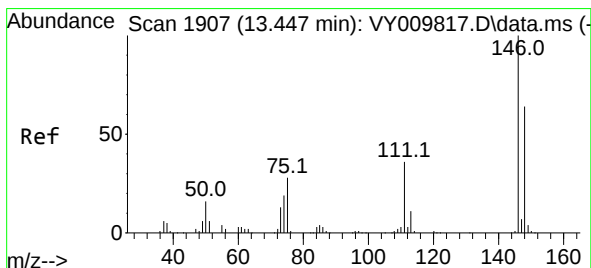
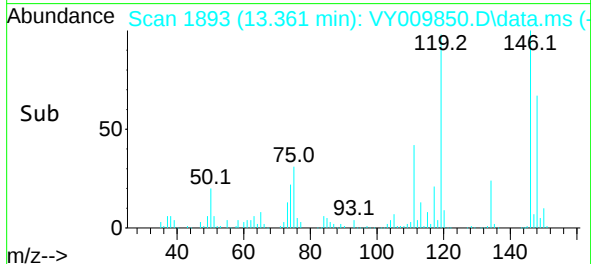
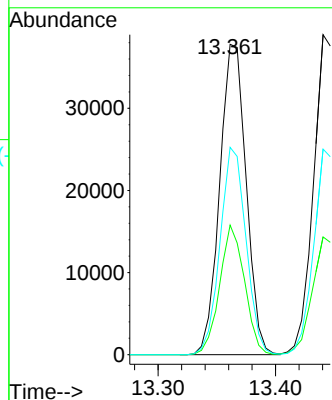
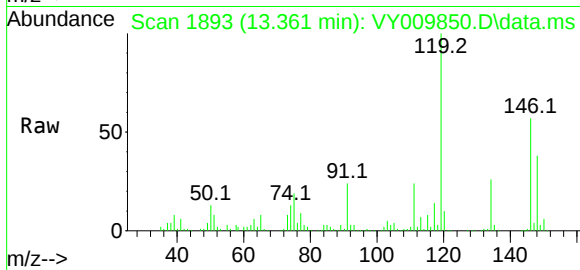
Tgt Ion:146 Resp: 59172

Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.7

148 65.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 47.565 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

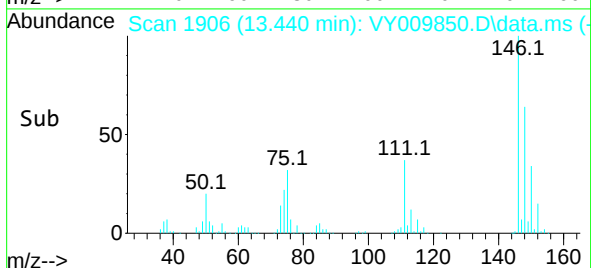
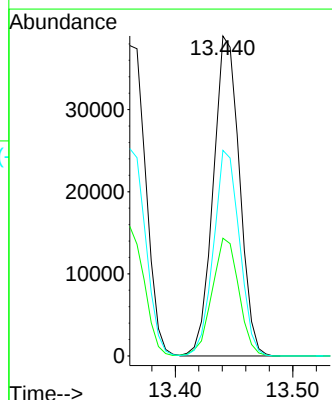
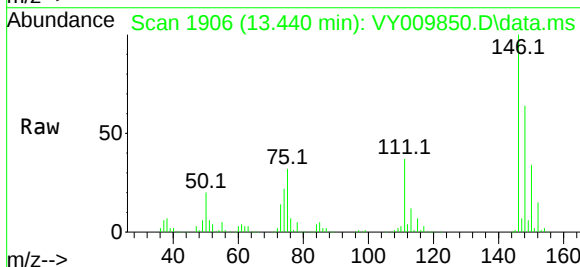
Tgt Ion:146 Resp: 60434

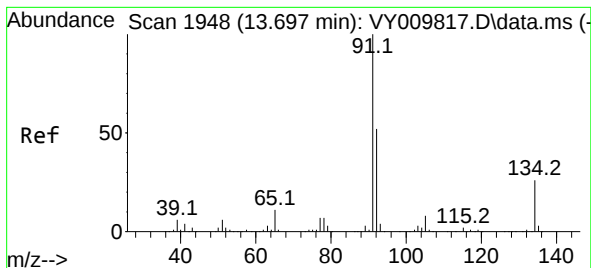
Ion Ratio Lower Upper

146 100

111 37.6 18.6 56.0

148 63.6 31.8 95.3

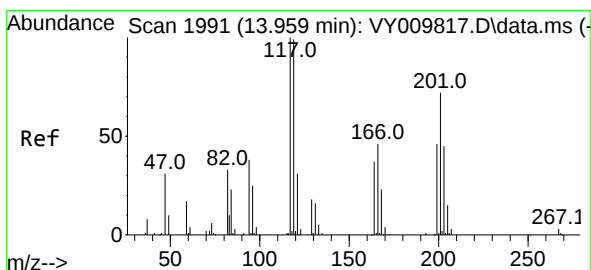
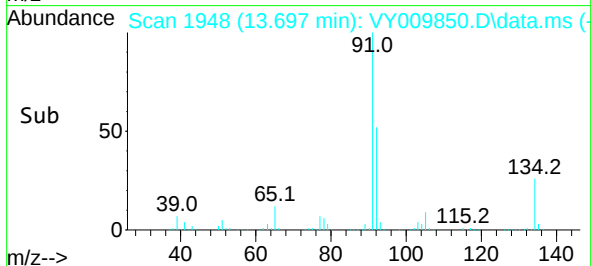
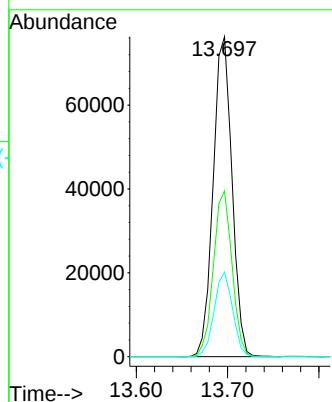
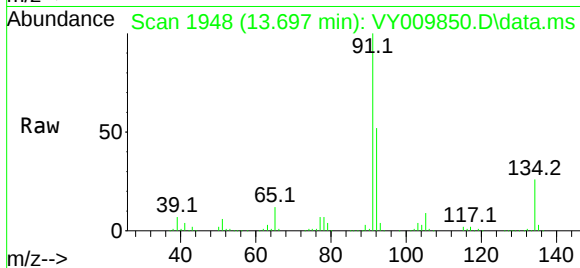




#89
n-Butylbenzene
Concen: 49.337 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

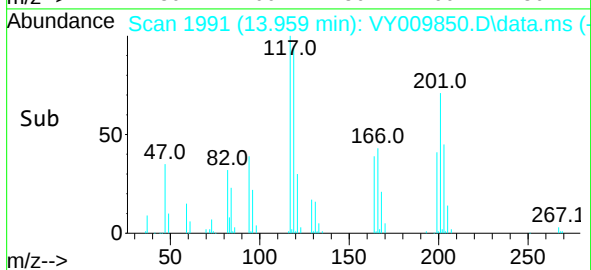
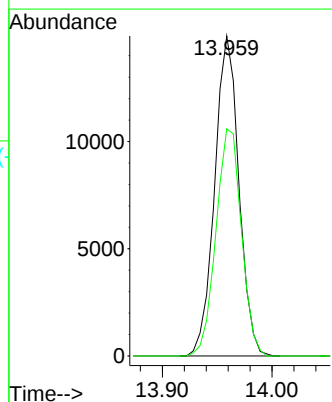
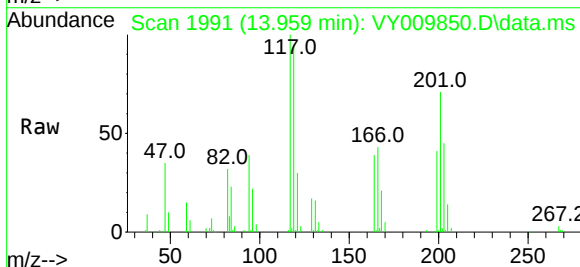
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

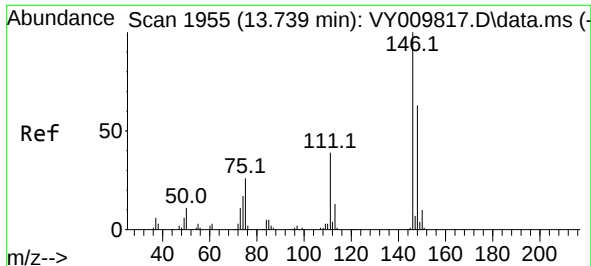
Tgt Ion:	91	Resp:	109286
Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.9	77.8
134	25.9	12.9	38.6



#90
Hexachloroethane
Concen: 47.133 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY009850.D
Acq: 05 Aug 2022 13:22

Tgt Ion:	117	Resp:	22898
Ion	Ratio	Lower	Upper
117	100		
201	74.6	36.3	108.9





#91

1,2-Dichlorobenzene

Concen: 48.348 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

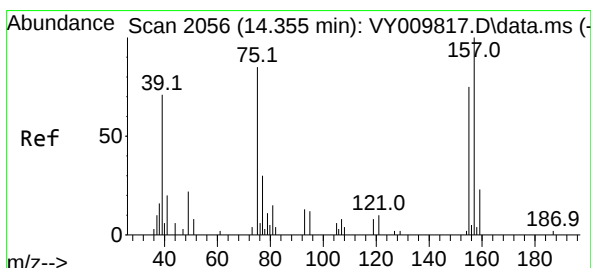
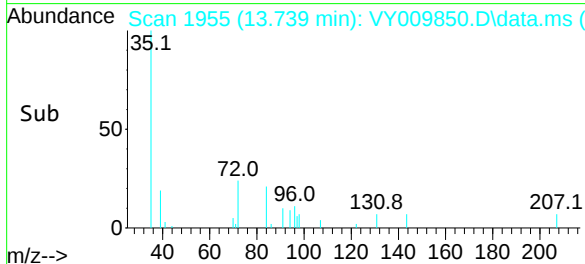
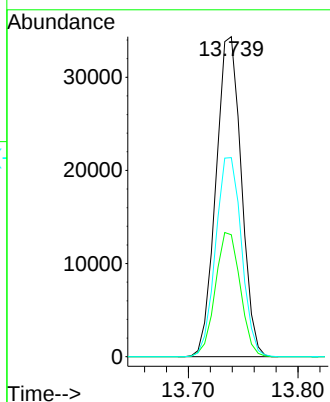
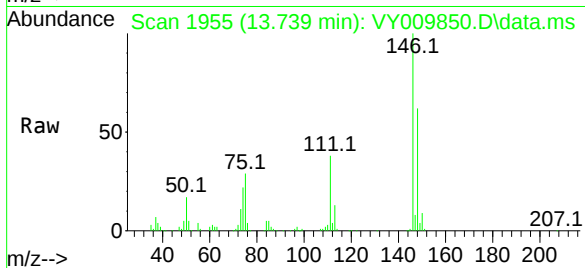
Tgt Ion:146 Resp: 55237

Ion Ratio Lower Upper

146 100

111 38.2 19.6 58.7

148 63.5 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.614 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

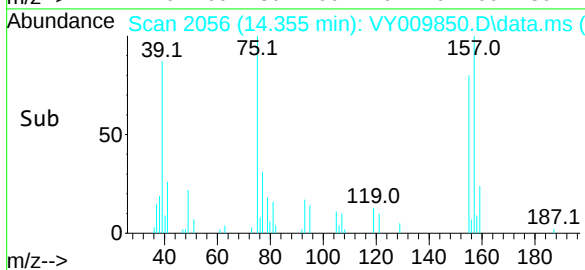
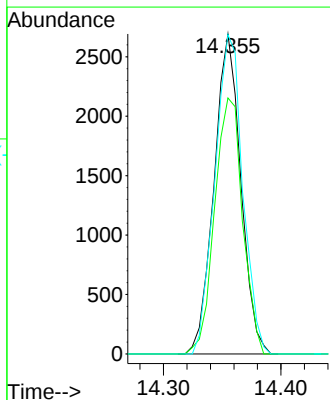
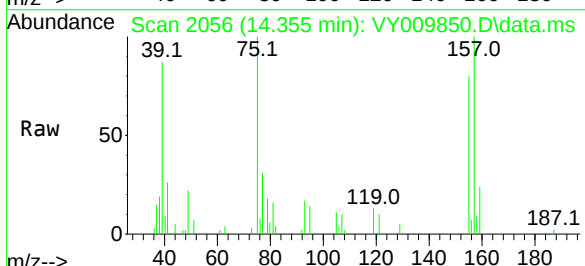
Tgt Ion: 75 Resp: 4256

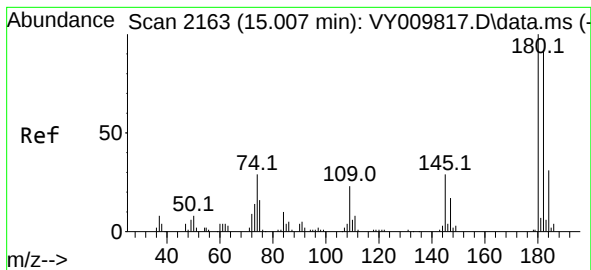
Ion Ratio Lower Upper

75 100

155 83.5 41.8 125.3

157 103.9 53.6 160.8





#93

1,2,4-Trichlorobenzene

Concen: 49.710 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

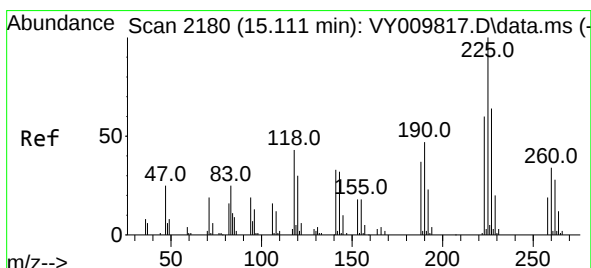
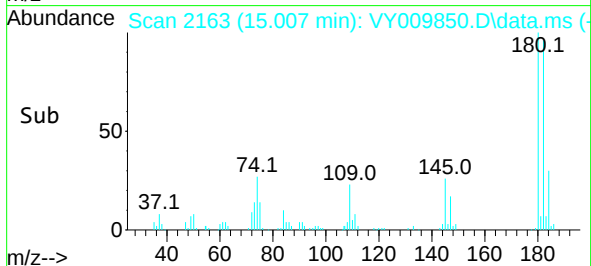
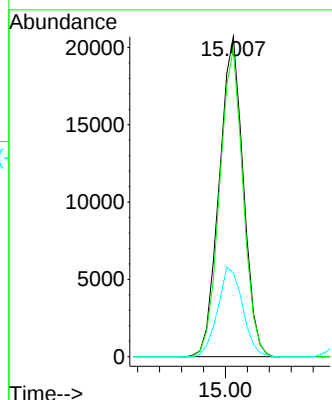
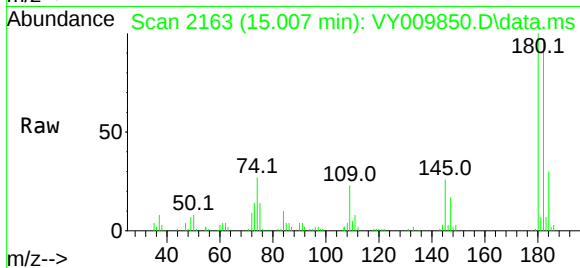
Tgt Ion:180 Resp: 31508

Ion Ratio Lower Upper

180 100

182 93.9 46.8 140.3

145 28.9 15.7 47.0



#94

Hexachlorobutadiene

Concen: 49.319 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

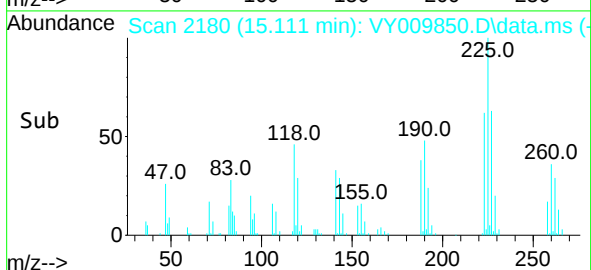
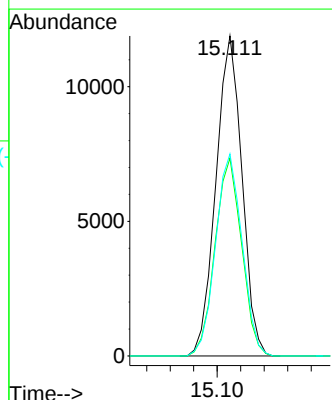
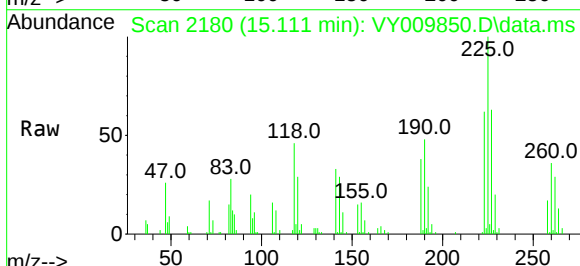
Tgt Ion:225 Resp: 18311

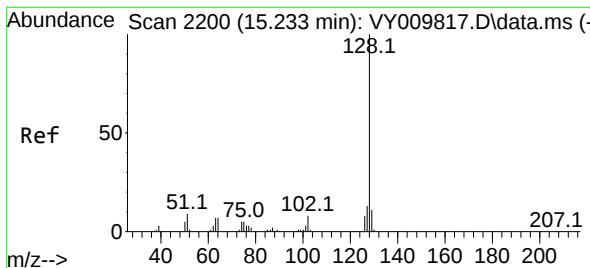
Ion Ratio Lower Upper

225 100

223 62.9 29.4 88.3

227 64.4 31.9 95.7





#95

Naphthalene

Concen: 45.298 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

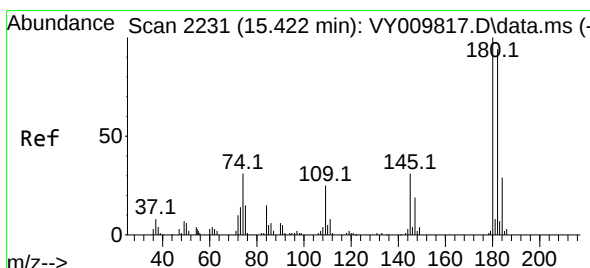
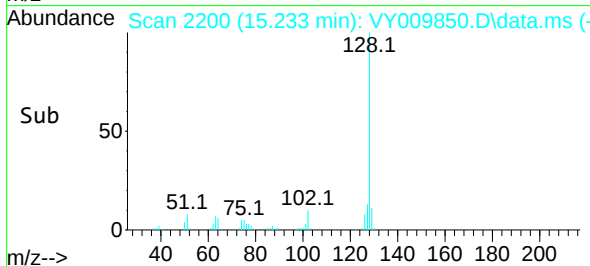
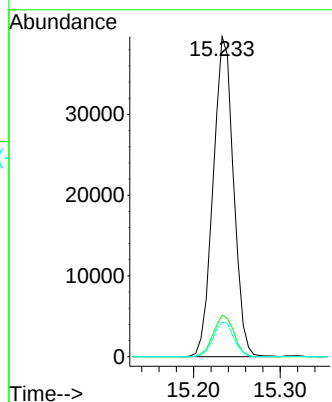
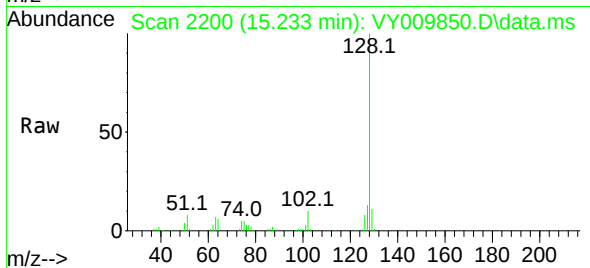
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:	128	Resp:	64694
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.9	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 50.509 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009850.D

Acq: 05 Aug 2022 13:22

Tgt Ion:	180	Resp:	28317
Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.2	141.6
145	31.3	15.2	45.6

