

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082522\
 Data File : VY010199.D
 Acq On : 25 Aug 2022 11:19
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Aug 26 06:45:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082422S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:12:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	200915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	308436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	292979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155323	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	81356	48.088	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.180%
35) Dibromofluoromethane	7.710	113	91168	45.082	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.160%
50) Toluene-d8	10.179	98	298205	42.492	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	84.980%
62) 4-Bromofluorobenzene	12.483	95	123241	45.839	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	91.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	60939	45.108	ug/l	98
3) Chloromethane	2.107	50	80627	47.554	ug/l	98
4) Vinyl Chloride	2.241	62	90494	48.923	ug/l	99
5) Bromomethane	2.644	94	67613	45.386	ug/l	100
6) Chloroethane	2.784	64	59527	45.213	ug/l	99
7) Trichlorofluoromethane	3.119	101	88671	49.767	ug/l	95
8) Diethyl Ether	3.522	74	59314	48.650	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	101182	48.314	ug/l	94
10) Methyl Iodide	4.082	142	122865	53.435	ug/l	88
11) Tert butyl alcohol	4.942	59	50522	234.942	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	91428	48.899	ug/l	86
13) Acrolein	3.723	56	13878	159.586	ug/l	98
14) Allyl chloride	4.466	41	168351	51.131	ug/l	88
15) Acrylonitrile	5.149	53	166337	252.808	ug/l	98
16) Acetone	3.942	43	128704	235.944	ug/l #	88
17) Carbon Disulfide	4.186	76	244482	51.356	ug/l	100
18) Methyl Acetate	4.466	43	81190	49.962	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	282154	51.099	ug/l	98
20) Methylene Chloride	4.704	84	119091	46.033	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	107663	49.733	ug/l	87
22) Diisopropyl ether	6.113	45	383324	52.212	ug/l	91
23) Vinyl Acetate	6.052	43	1209306	280.626	ug/l	96
24) 1,1-Dichloroethane	6.009	63	203447	48.636	ug/l	99
25) 2-Butanone	6.978	43	218848	241.627	ug/l	93
26) 2,2-Dichloropropane	6.972	77	176166	45.642	ug/l	94
27) cis-1,2-Dichloroethene	6.972	96	130045	49.781	ug/l	88
28) Bromochloromethane	7.326	49	71998	51.235	ug/l	90
29) Tetrahydrofuran	7.338	42	147683	269.883	ug/l	94
30) Chloroform	7.496	83	209964	48.421	ug/l	100
31) Cyclohexane	7.777	56	173626	50.694	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	180174	49.481	ug/l	96
36) 1,1-Dichloropropene	7.911	75	154997	52.113	ug/l	98
37) Ethyl Acetate	7.070	43	101055	53.155	ug/l	96
38) Carbon Tetrachloride	7.893	117	159590	50.660	ug/l	99
39) Methylcyclohexane	9.179	83	182874	55.442	ug/l	93
40) Benzene	8.155	78	462012	50.752	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	132908	140.106	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	126877	50.143	ug/l	90
43) Isopropyl Acetate	8.271	43	178960	54.093	ug/l	94
44) Trichloroethene	8.935	130	126902	50.511	ug/l	97
45) 1,2-Dichloropropane	9.210	63	123153	51.503	ug/l	95
46) Dibromomethane	9.301	93	67629	51.270	ug/l	96
47) Bromodichloromethane	9.490	83	162022	49.904	ug/l	100
48) Methyl methacrylate	9.289	41	79570	55.955	ug/l #	85
49) 1,4-Dioxane	9.295	88	16287	1061.653	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	499596	275.684	ug/l	92
52) Toluene	10.240	92	298473	52.342	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	169489	52.689	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	191945	51.506	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	101597	50.765	ug/l	99
56) Ethyl methacrylate	10.508	69	137267	56.170	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	167712	51.641	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	213733	214.999	ug/l	98
59) 2-Hexanone	10.831	43	347119	283.011	ug/l	91
60) Dibromochloromethane	10.984	129	118808	50.352	ug/l	100
61) 1,2-Dibromoethane	11.087	107	95047	51.630	ug/l	99
64) Tetrachloroethene	10.715	164	120986	50.148	ug/l	99
65) Chlorobenzene	11.514	112	322519	50.514	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	123453	50.760	ug/l	97
67) Ethyl Benzene	11.593	91	584692	53.283	ug/l	98
68) m/p-Xylenes	11.703	106	450684	106.966	ug/l	93
69) o-Xylene	12.026	106	213275	53.036	ug/l	94
70) Styrene	12.044	104	369739	53.712	ug/l	95
71) Bromoform	12.203	173	76240	49.653	ug/l #	99
73) Isopropylbenzene	12.331	105	575643	53.728	ug/l	100
74) N-amyl acetate	12.142	43	158641	54.106	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	120727	51.235	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	154643	90.398	ug/l #	100
77) Bromobenzene	12.605	156	134074	50.662	ug/l	98
78) n-propylbenzene	12.672	91	715106	53.646	ug/l	99
79) 2-Chlorotoluene	12.758	91	391937	52.236	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	481563	52.878	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	41936	52.123	ug/l	85
82) 4-Chlorotoluene	12.855	91	406480	51.799	ug/l	98
83) tert-Butylbenzene	13.075	119	418974	53.545	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	474402	52.654	ug/l	98
85) sec-Butylbenzene	13.252	105	641188	53.823	ug/l	100
86) p-Isopropyltoluene	13.367	119	524534	53.988	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	269792	50.075	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	265588	48.880	ug/l	98
89) n-Butylbenzene	13.697	91	499572	53.592	ug/l	99
90) Hexachloroethane	13.959	117	102003	49.740	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	239848	49.788	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18281	51.638	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	143294	49.483	ug/l	100
94) Hexachlorobutadiene	15.111	225	83635	62.045	ug/l	99
95) Naphthalene	15.233	128	294019	48.647	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	124181	48.837	ug/l	99

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ClientSampleId :
VSTDCCC050

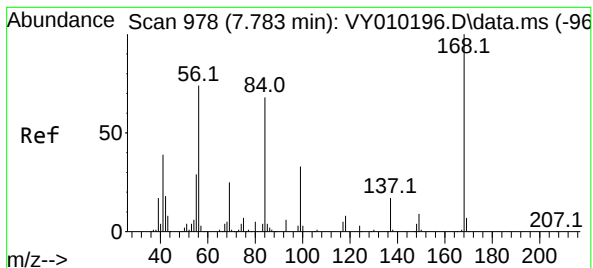
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

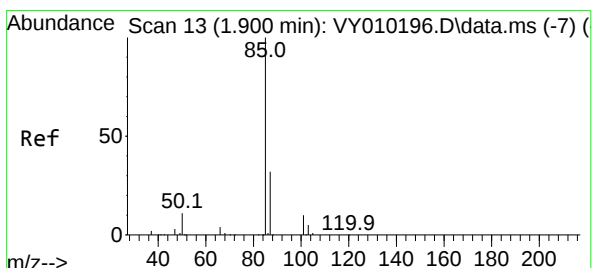
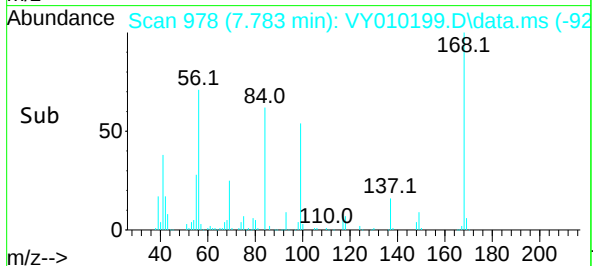
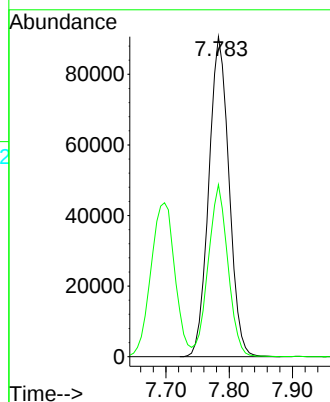
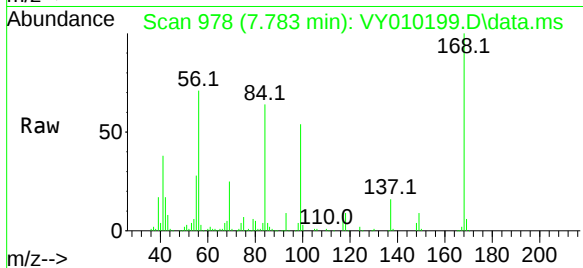
VSTDCCC050

Tgt Ion:168 Resp: 200915

Ion Ratio Lower Upper

168 100

99 53.8 46.9 70.3



#2

Dichlorodifluoromethane

Concen: 45.108 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY010199.D

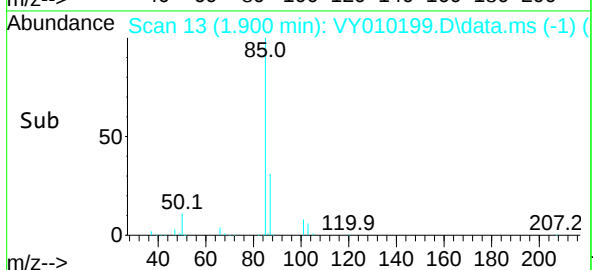
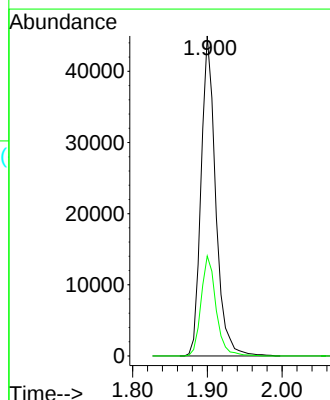
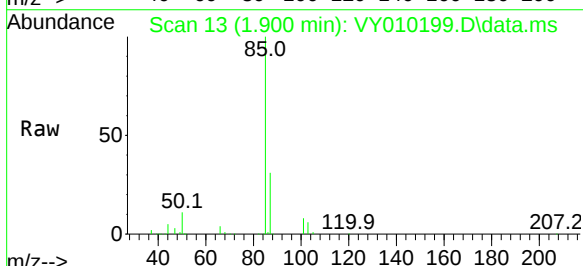
Acq: 25 Aug 2022 11:19

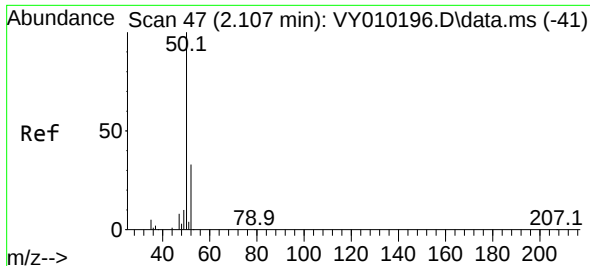
Tgt Ion: 85 Resp: 60939

Ion Ratio Lower Upper

85 100

87 31.2 16.1 48.2

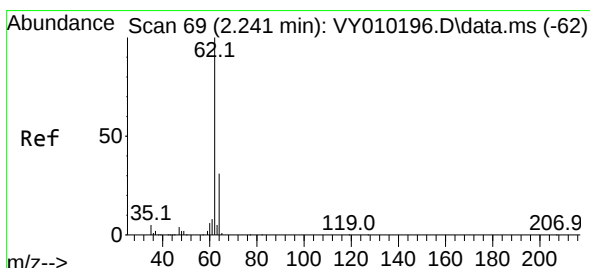
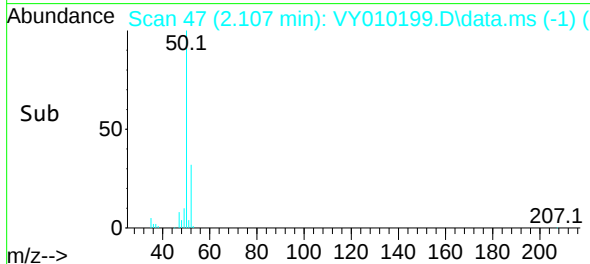
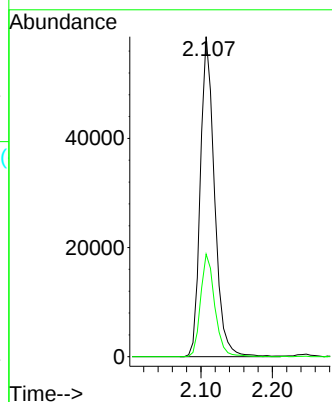
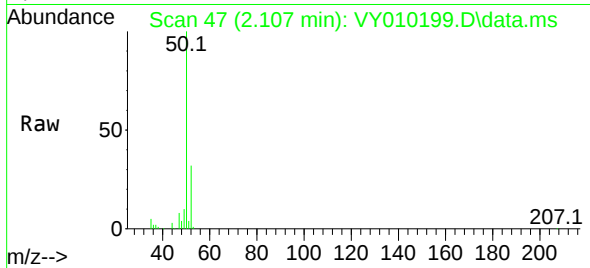




#3
Chloromethane
Concen: 47.554 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

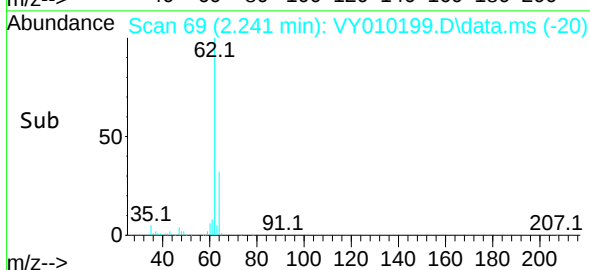
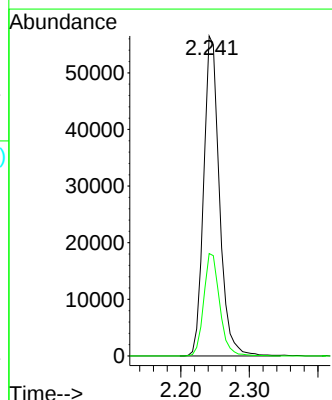
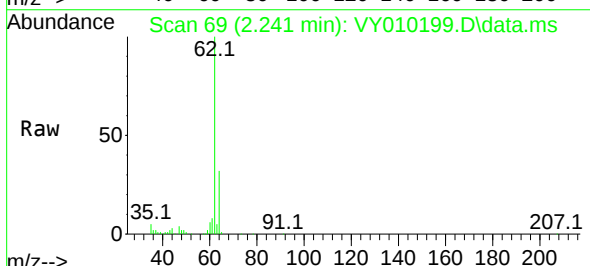
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

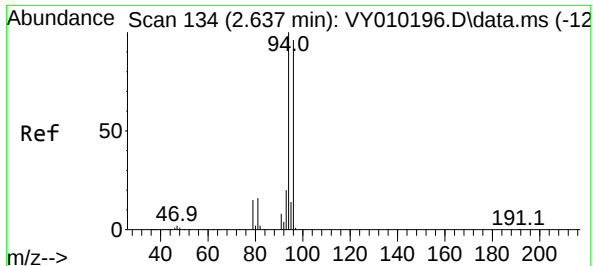
Tgt Ion: 50 Resp: 80627
Ion Ratio Lower Upper
50 100
52 32.0 24.6 37.0



#4
Vinyl Chloride
Concen: 48.923 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion: 62 Resp: 90494
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.6





#5

Bromomethane

Concen: 45.386 ug/l

RT: 2.644 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

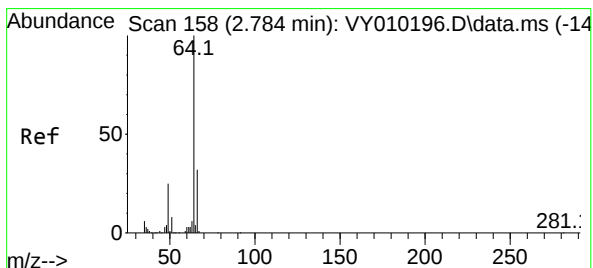
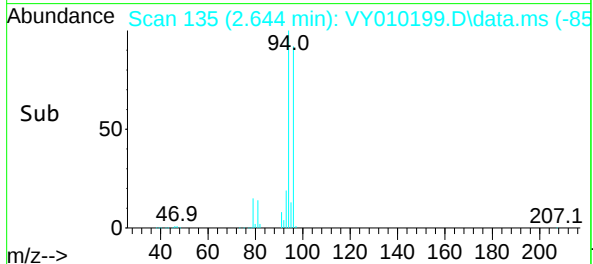
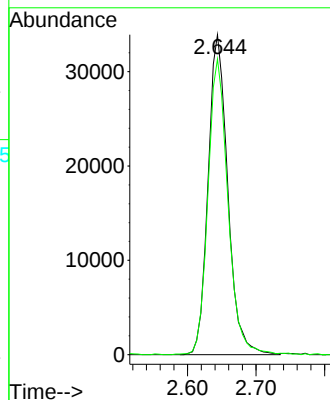
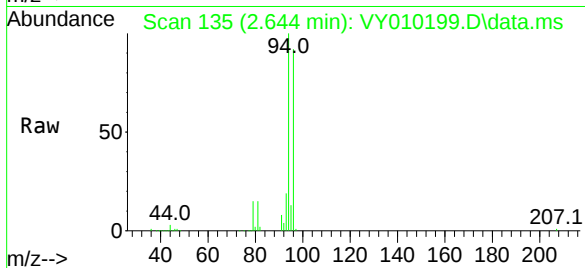
VSTDCCC050

Tgt Ion: 94 Resp: 67613

Ion Ratio Lower Upper

94 100

96 92.2 73.5 110.3



#6

Chloroethane

Concen: 45.213 ug/l

RT: 2.784 min Scan# 158

Delta R.T. -0.000 min

Lab File: VY010199.D

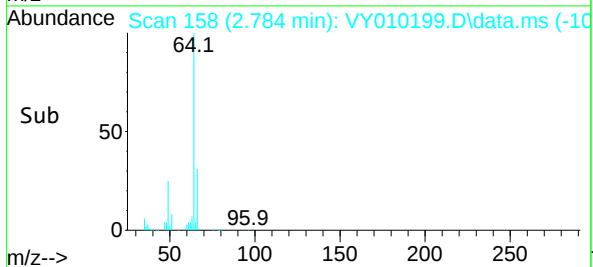
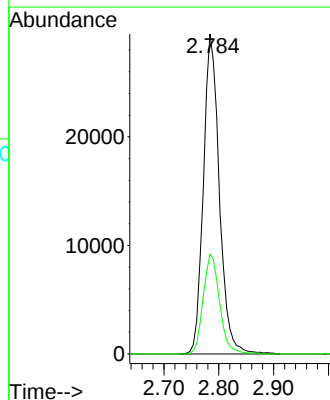
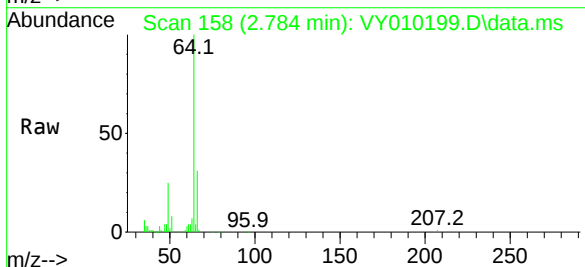
Acq: 25 Aug 2022 11:19

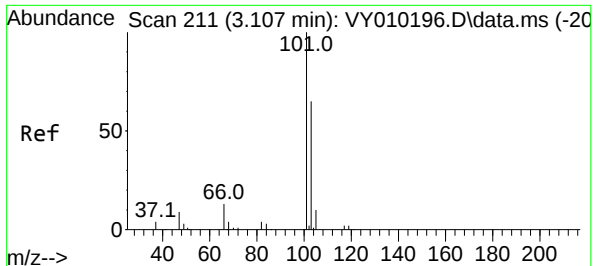
Tgt Ion: 64 Resp: 59527

Ion Ratio Lower Upper

64 100

66 31.2 25.4 38.0

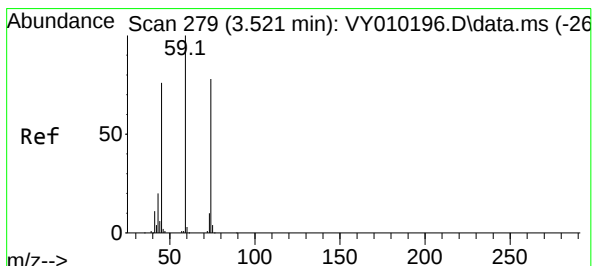
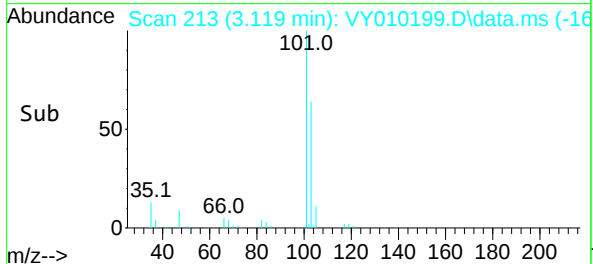
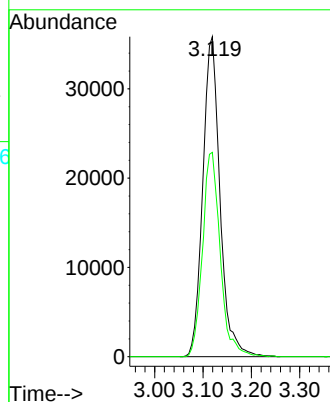
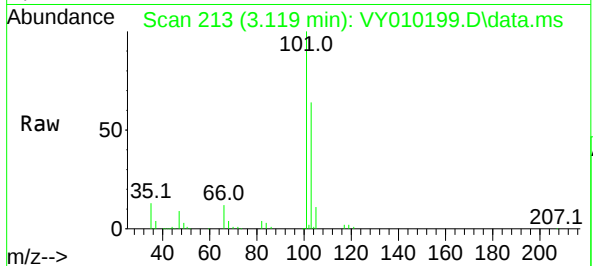




#7
Trichlorofluoromethane
Concen: 49.767 ug/l
RT: 3.119 min Scan# 211
Delta R.T. 0.012 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

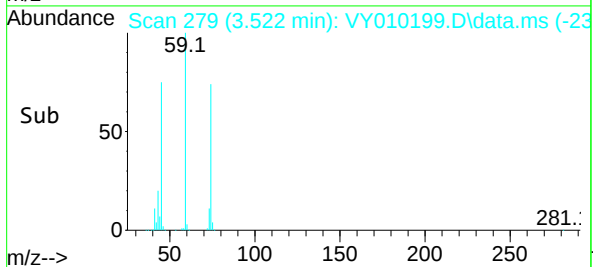
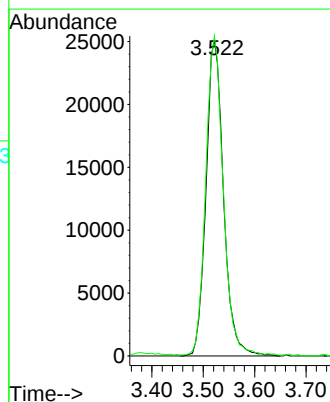
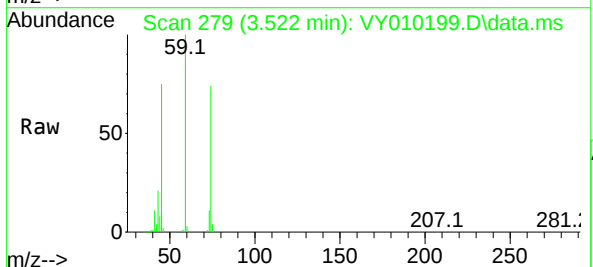
Instrument :
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VSTDCCC050

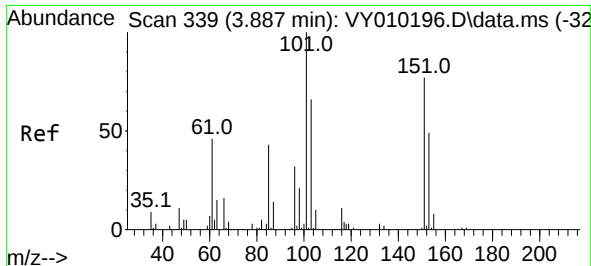
Tgt Ion:101 Resp: 88671
Ion Ratio Lower Upper
101 100
103 63.8 48.0 72.0



#8
Diethyl Ether
Concen: 48.650 ug/l
RT: 3.522 min Scan# 279
Delta R.T. 0.001 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion: 74 Resp: 59314
Ion Ratio Lower Upper
74 100
45 101.0 55.1 165.5

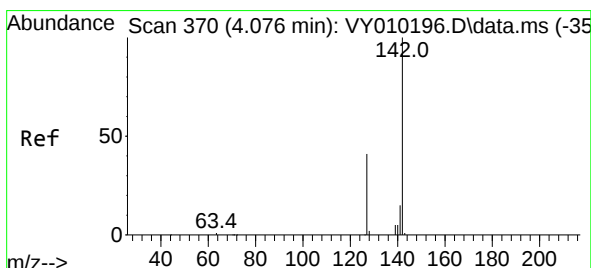
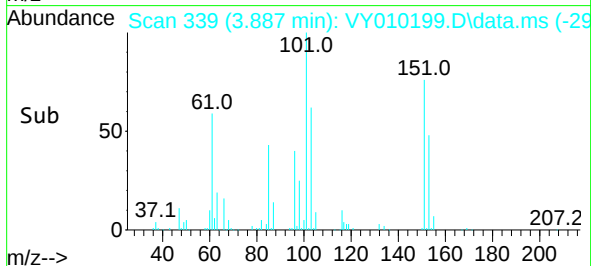
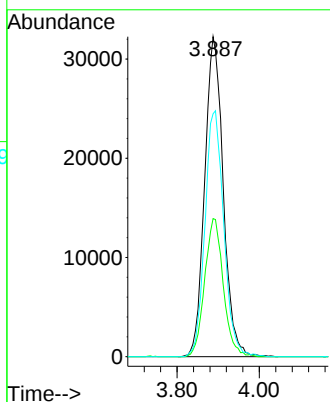
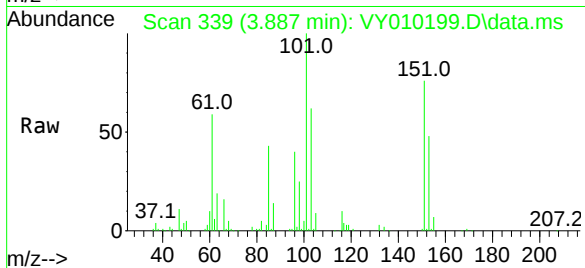




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.314 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

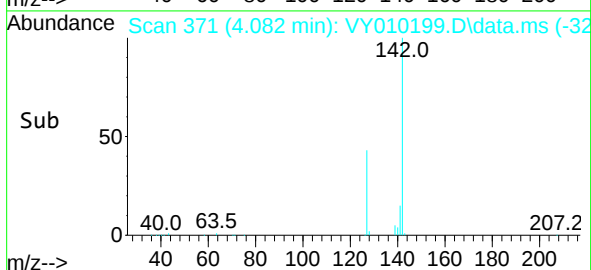
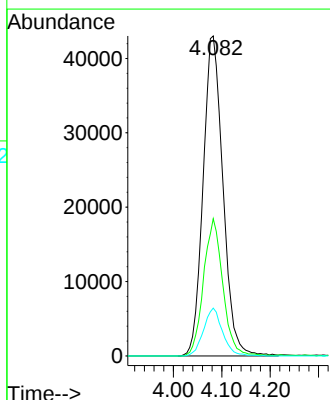
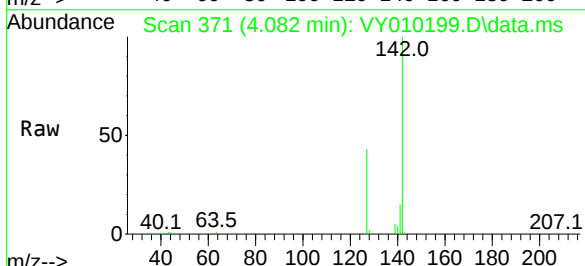
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

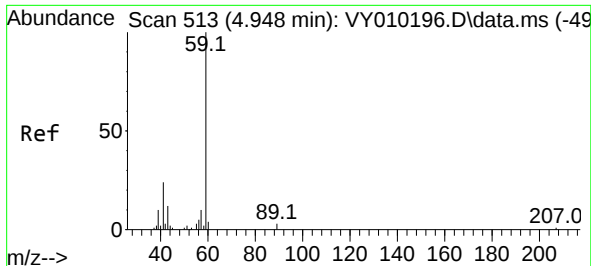
Tgt Ion:101 Resp: 101182
Ion Ratio Lower Upper
101 100
85 43.4 40.6 60.8
151 78.1 64.9 97.3



#10
Methyl Iodide
Concen: 53.435 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion:142 Resp: 122865
Ion Ratio Lower Upper
142 100
127 41.7 41.5 62.3
141 14.3 11.9 17.9

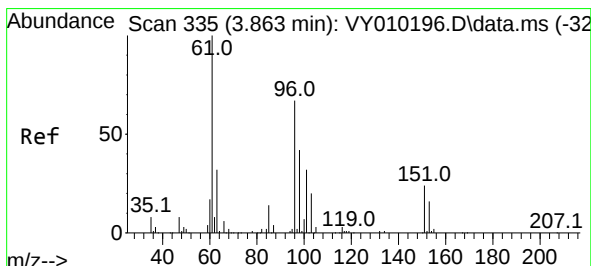
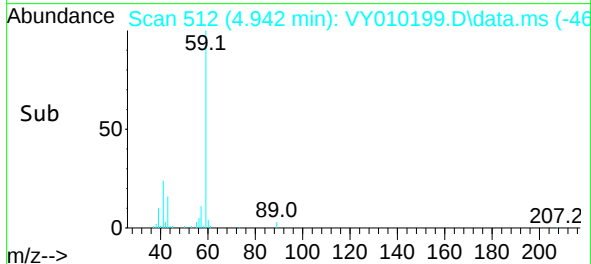
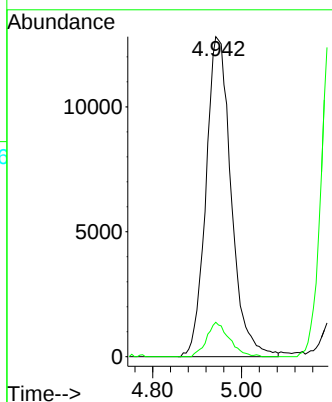
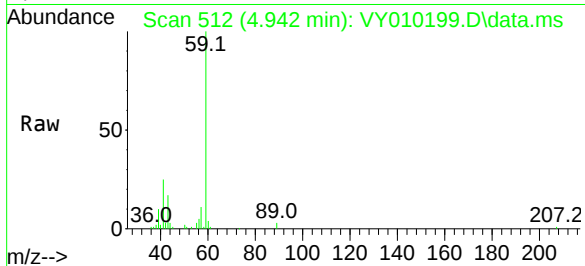




#11
Tert butyl alcohol
Concen: 234.942 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

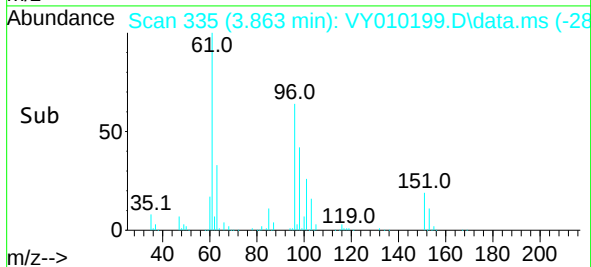
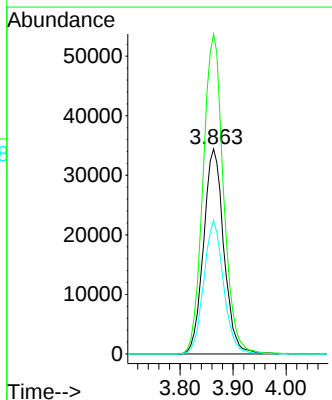
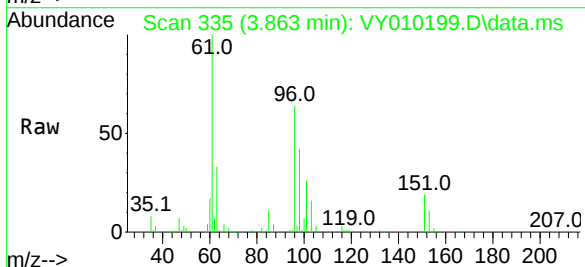
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

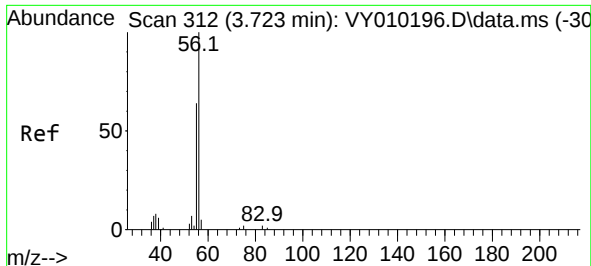
Tgt Ion: 59 Resp: 50522
Ion Ratio Lower Upper
59 100
57 9.7 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 48.899 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion: 96 Resp: 91428
Ion Ratio Lower Upper
96 100
61 156.0 145.8 218.6
98 65.1 52.5 78.7





#13

Acrolein

Concen: 159.586 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

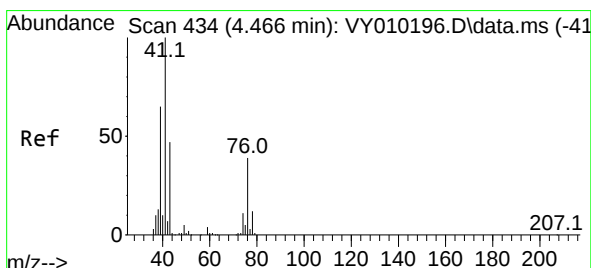
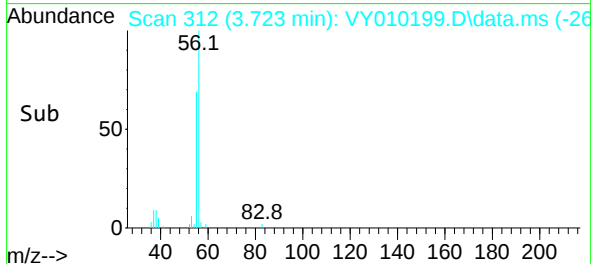
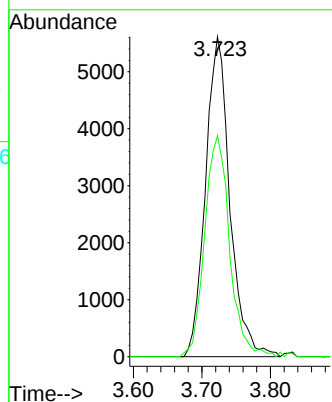
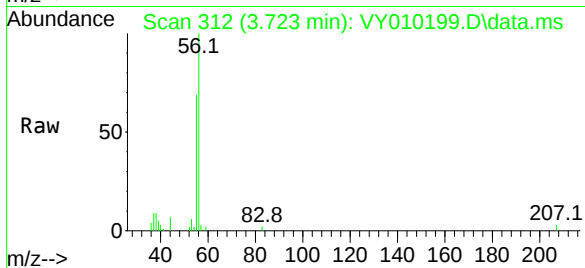
VSTDC050

Tgt Ion: 56 Resp: 13878

Ion Ratio Lower Upper

56 100

55 70.6 57.6 86.4



#14

Allyl chloride

Concen: 51.131 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

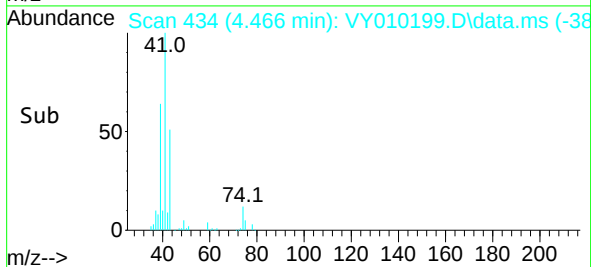
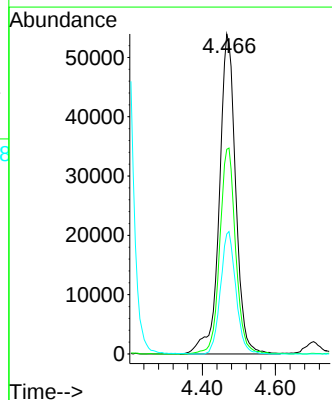
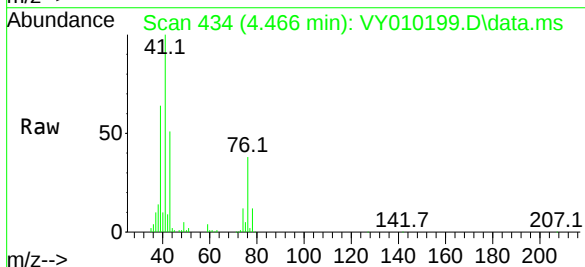
Tgt Ion: 41 Resp: 168351

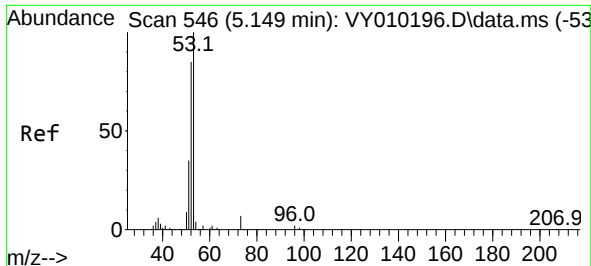
Ion Ratio Lower Upper

41 100

39 62.4 58.8 88.2

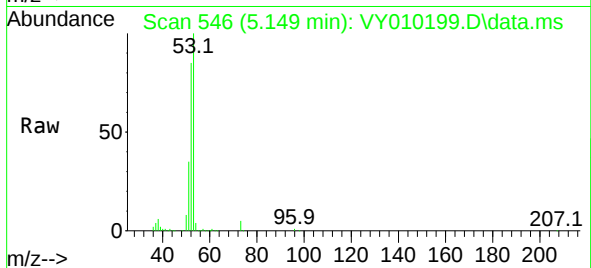
76 35.8 25.1 37.7





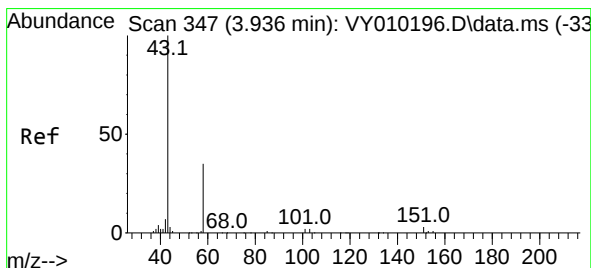
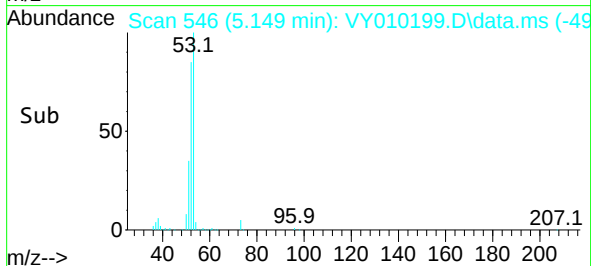
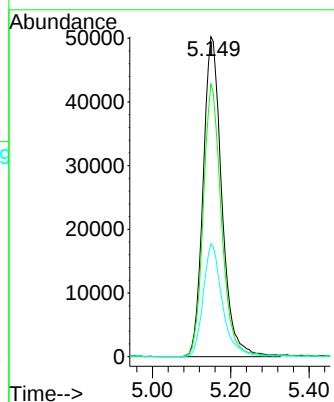
#15
Acrylonitrile
Concen: 252.808 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 166337

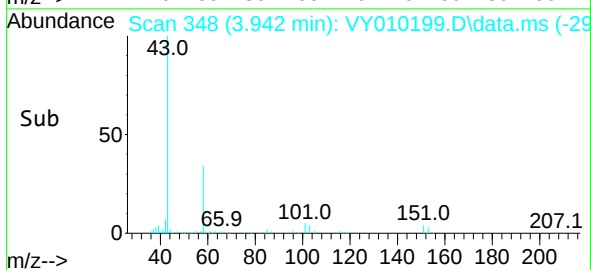
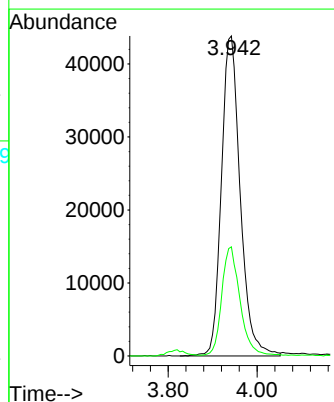
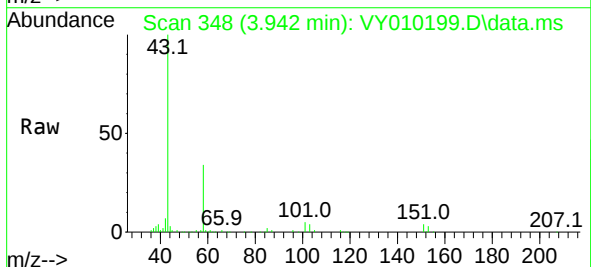
Ion	Ratio	Lower	Upper
53	100		
52	82.3	67.0	100.4
51	36.0	29.8	44.6

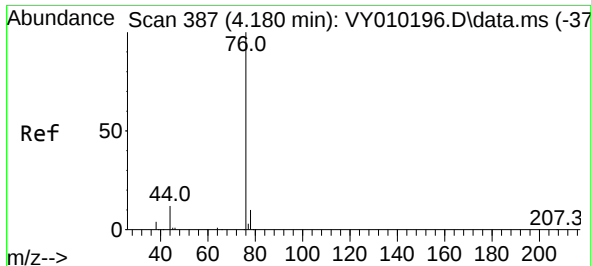


#16
Acetone
Concen: 235.944 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion: 43 Resp: 128704

Ion	Ratio	Lower	Upper
43	100		
58	33.7	22.0	33.0#

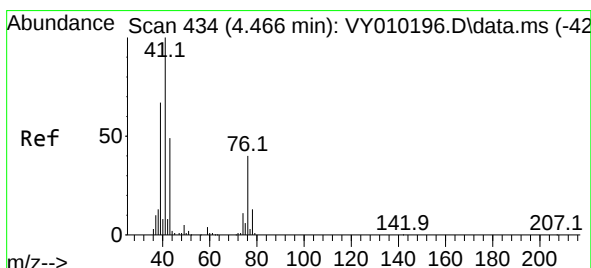
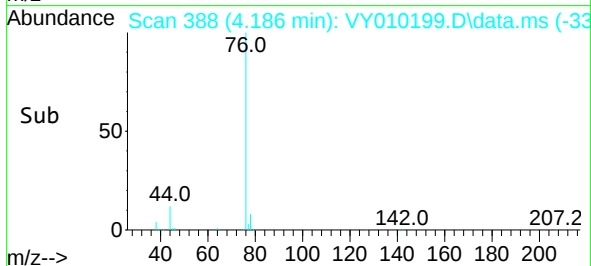
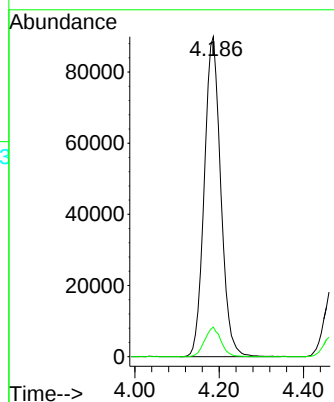
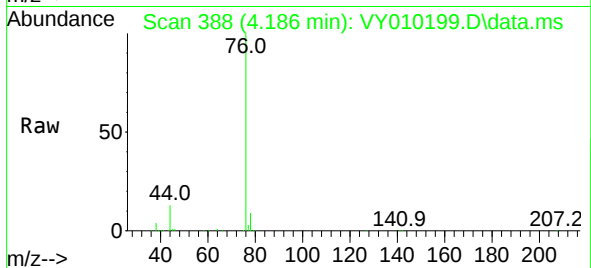




#17
Carbon Disulfide
Concen: 51.356 ug/l
RT: 4.186 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

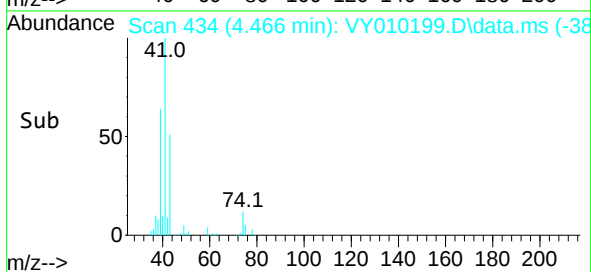
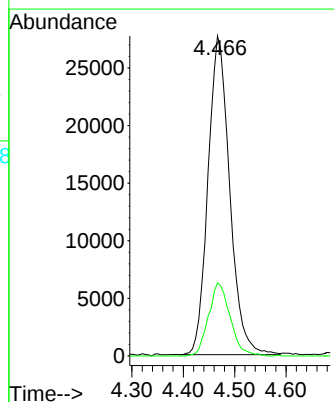
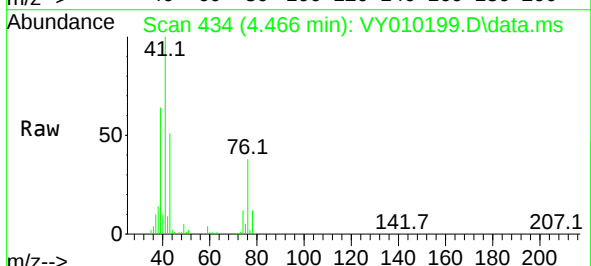
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

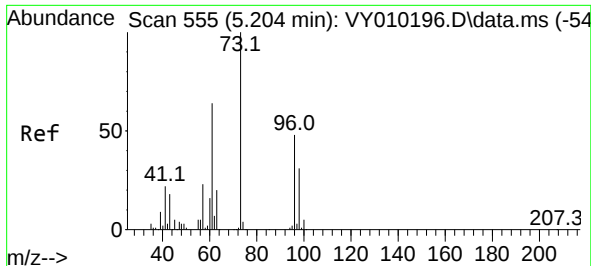
Tgt Ion: 76 Resp: 244482
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 49.962 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion: 43 Resp: 81190
Ion Ratio Lower Upper
43 100
74 22.9 16.6 24.8

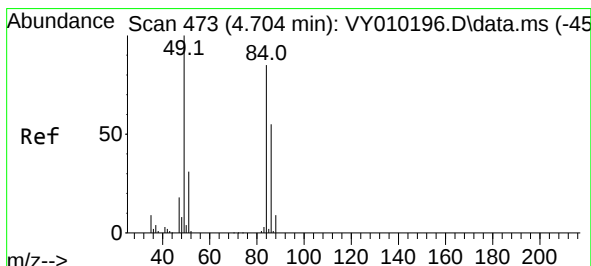
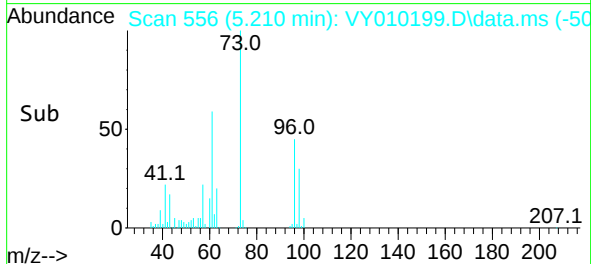
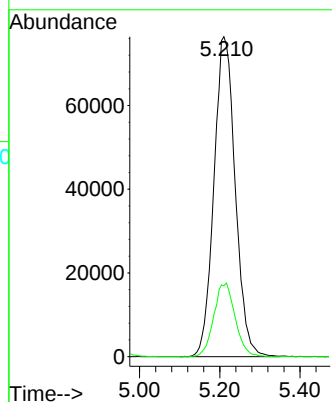
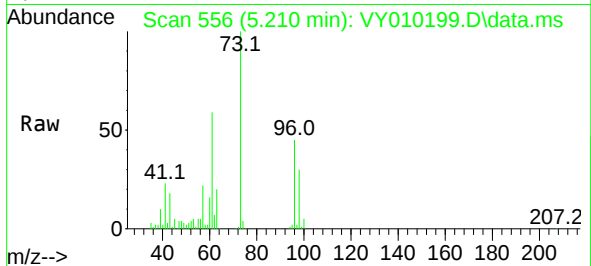




#19
Methyl tert-butyl Ether
Concen: 51.099 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

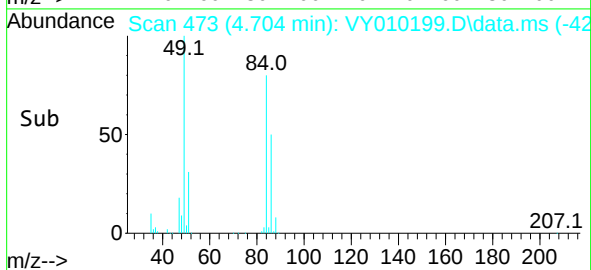
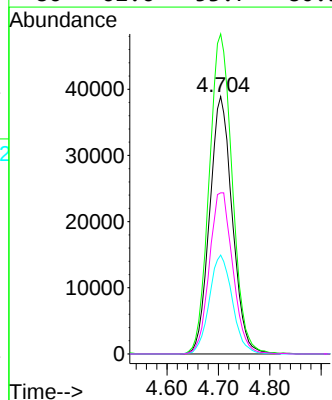
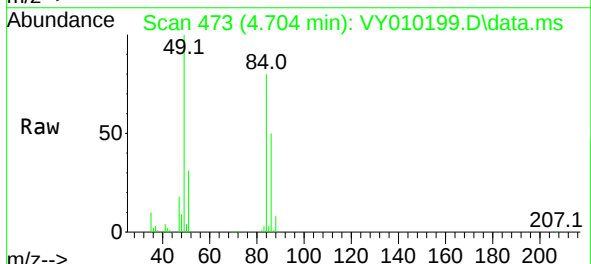
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

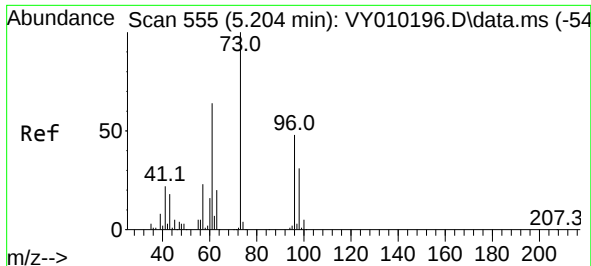
Tgt Ion: 73 Resp: 282154
Ion Ratio Lower Upper
73 100
57 22.2 18.6 27.8



#20
Methylene Chloride
Concen: 46.033 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion: 84 Resp: 119091
Ion Ratio Lower Upper
84 100
49 124.3 114.4 171.6
51 38.4 35.3 52.9
86 62.6 53.7 80.5

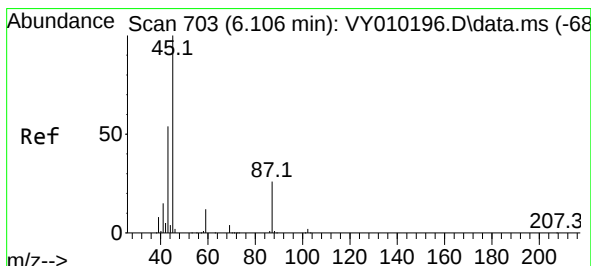
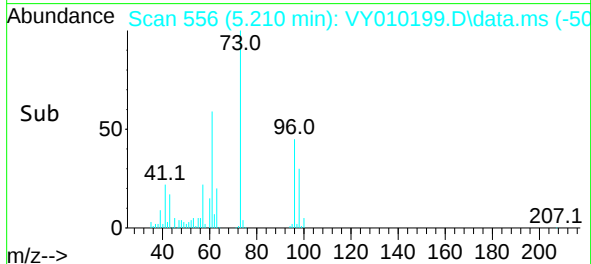
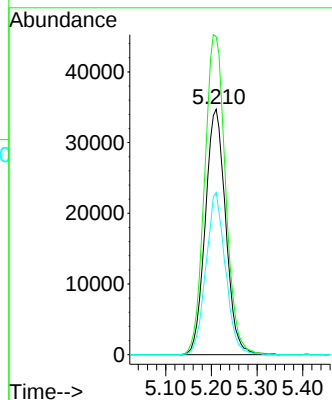
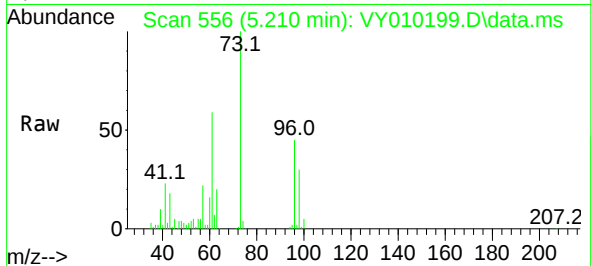




#21
trans-1,2-Dichloroethene
Concen: 49.733 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

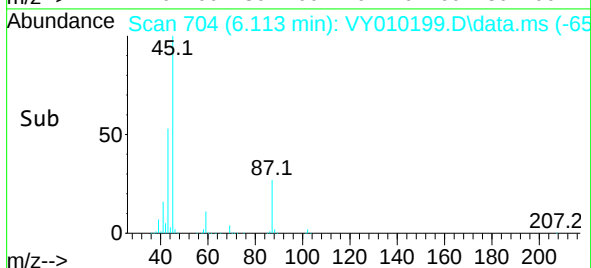
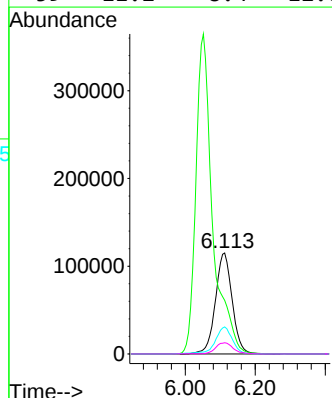
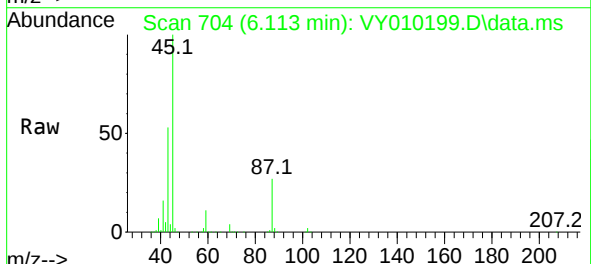
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

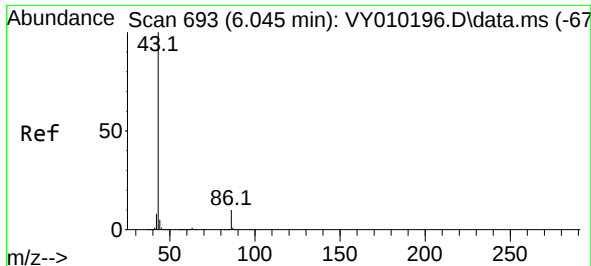
Tgt Ion: 96 Resp: 107663
Ion Ratio Lower Upper
96 100
61 129.5 120.5 180.7
98 66.0 49.8 74.8



#22
Diisopropyl ether
Concen: 52.212 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.007 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion: 45 Resp: 383324
Ion Ratio Lower Upper
45 100
43 52.8 49.3 73.9
87 26.7 19.2 28.8
59 11.2 8.4 12.6

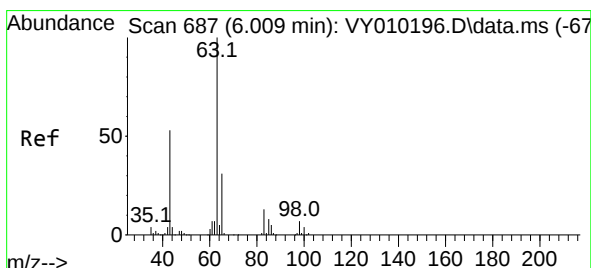
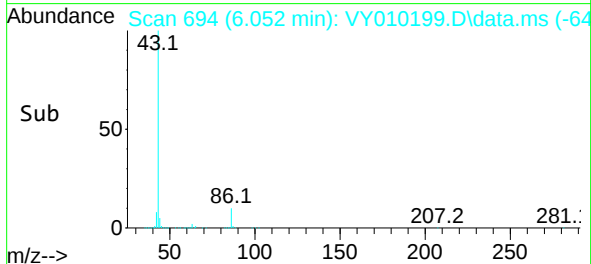
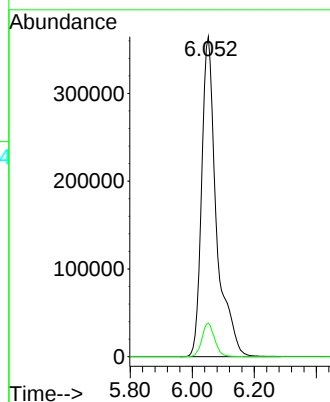
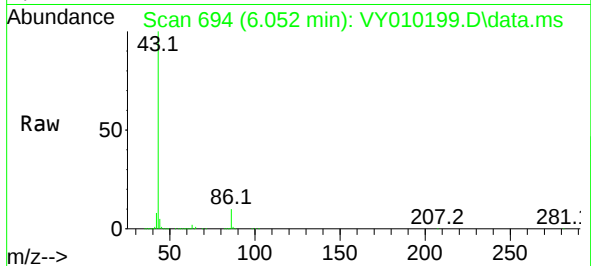




#23
 Vinyl Acetate
 Concen: 280.626 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: VY010199.D
 Acq: 25 Aug 2022 11:19

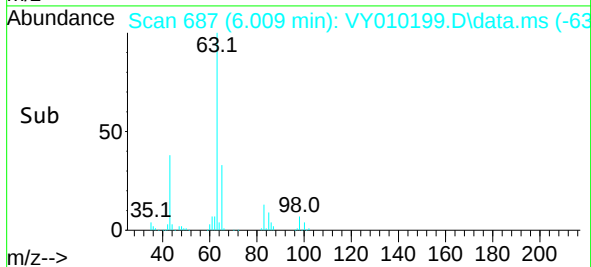
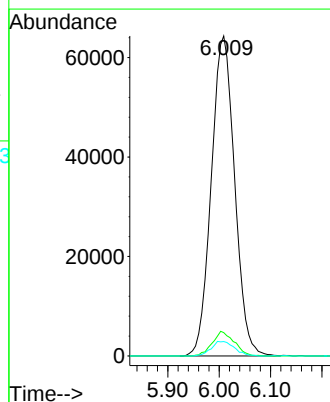
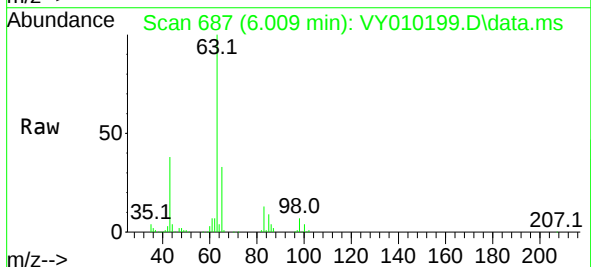
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

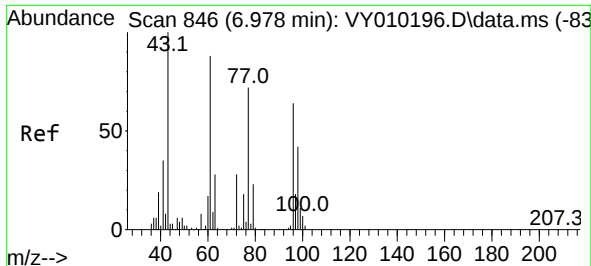
Tgt Ion: 43 Resp: 1209306
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 48.636 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY010199.D
 Acq: 25 Aug 2022 11:19

Tgt Ion: 63 Resp: 203447
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.5 2.0 5.8

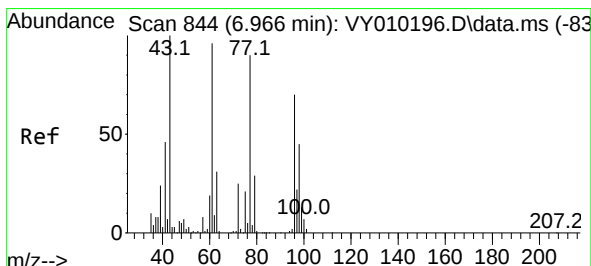
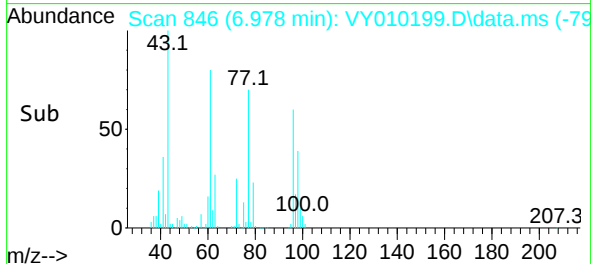
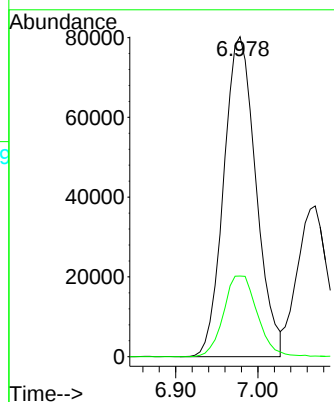
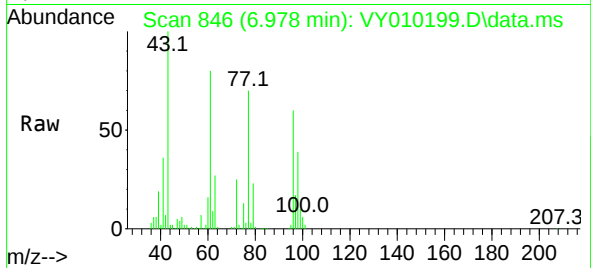




#25
2-Butanone
Concen: 241.627 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

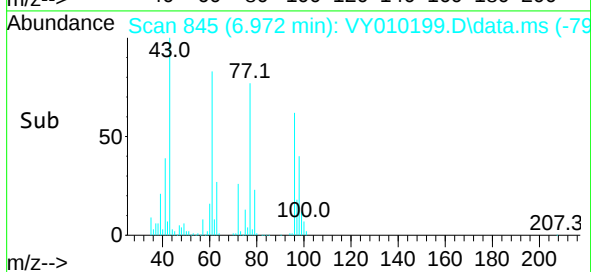
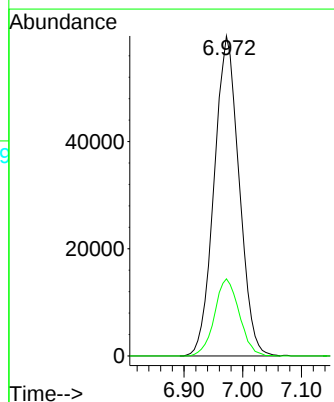
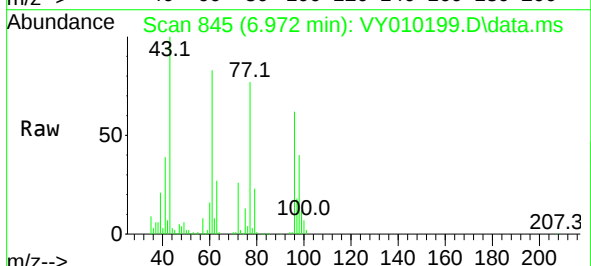
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

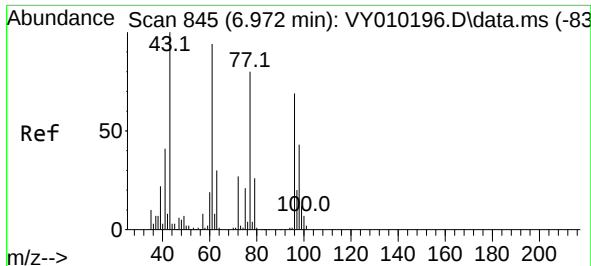
Tgt Ion: 43 Resp: 218848
Ion Ratio Lower Upper
43 100
72 25.2 17.7 26.5



#26
2,2-Dichloropropane
Concen: 45.642 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion: 77 Resp: 176166
Ion Ratio Lower Upper
77 100
97 23.8 10.4 31.4

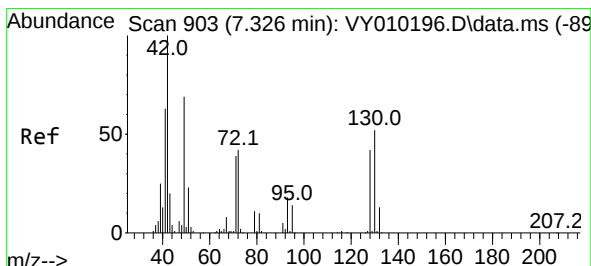
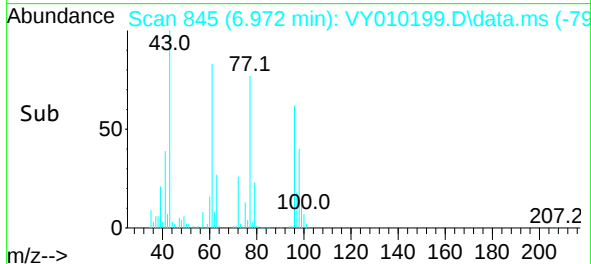
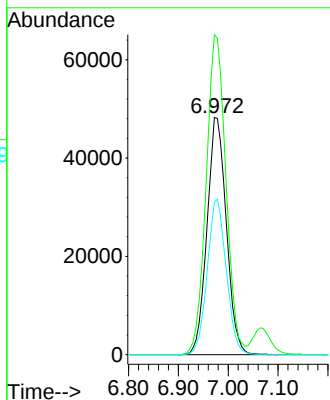
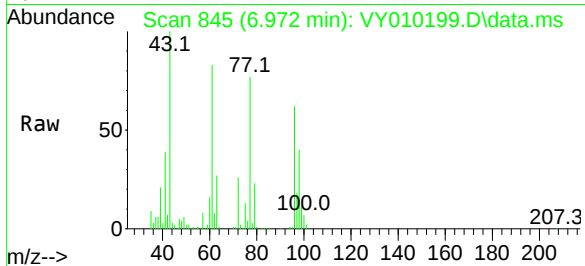




#27
 cis-1,2-Dichloroethene
 Concen: 49.781 ug/l
 RT: 6.972 min Scan# 845
 Delta R.T. 0.000 min
 Lab File: VY010199.D
 Acq: 25 Aug 2022 11:19

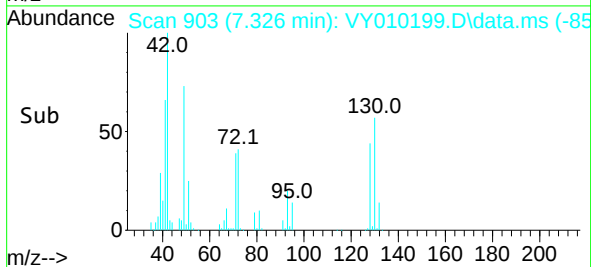
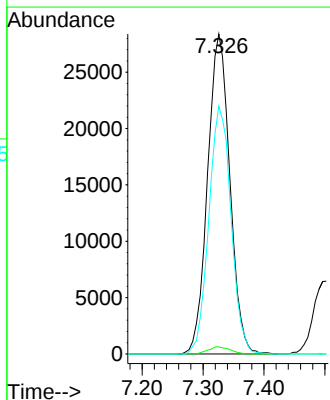
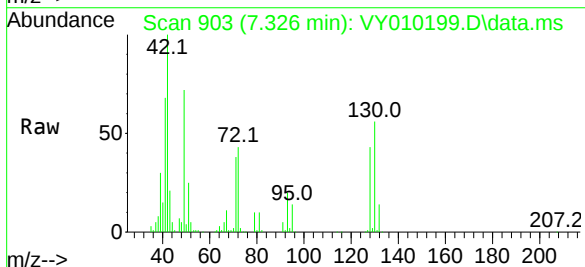
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

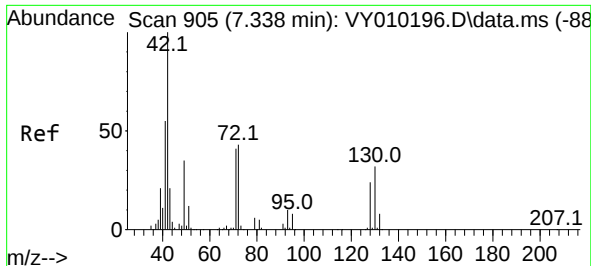
Tgt Ion: 96 Resp: 130045
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 319.8
 98 64.6 0.0 127.0



#28
 Bromochloromethane
 Concen: 51.235 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY010199.D
 Acq: 25 Aug 2022 11:19

Tgt Ion: 49 Resp: 71998
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 2.2
 130 77.3 55.4 83.0





#29

Tetrahydrofuran

Concen: 269.883 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

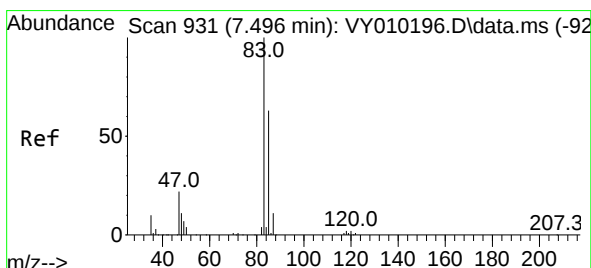
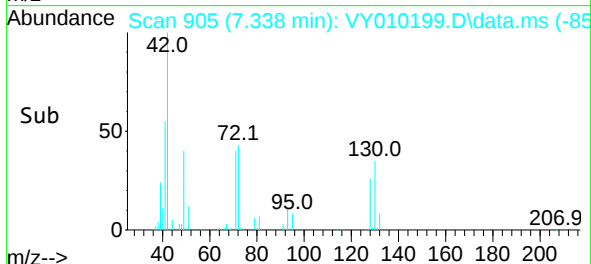
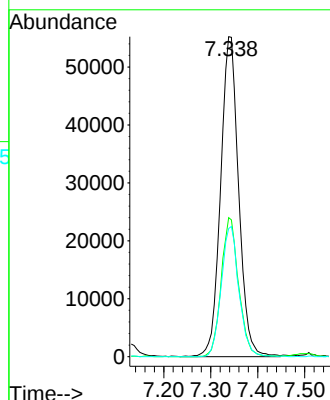
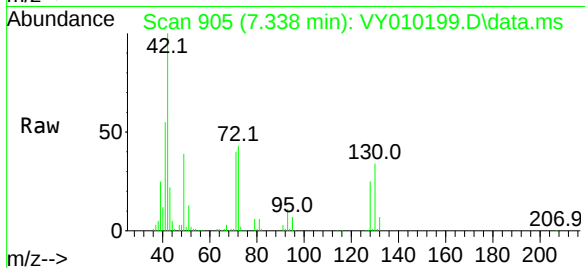
Tgt Ion: 42 Resp: 147683

Ion Ratio Lower Upper

42 100

72 41.9 30.3 45.5

71 39.8 29.0 43.4



#30

Chloroform

Concen: 48.421 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY010199.D

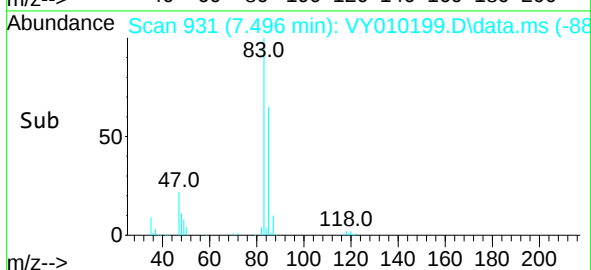
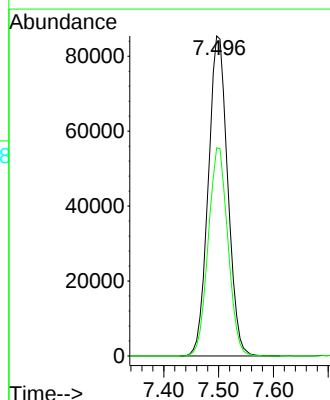
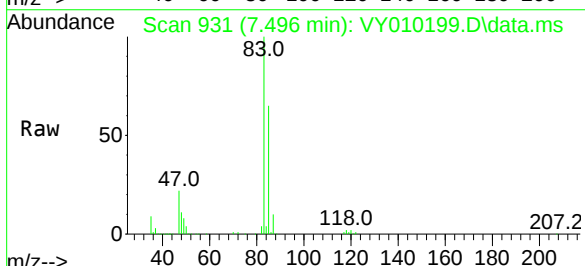
Acq: 25 Aug 2022 11:19

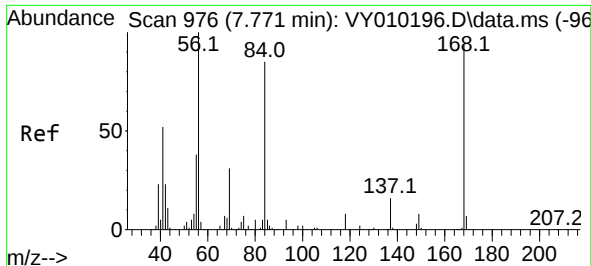
Tgt Ion: 83 Resp: 209964

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.6

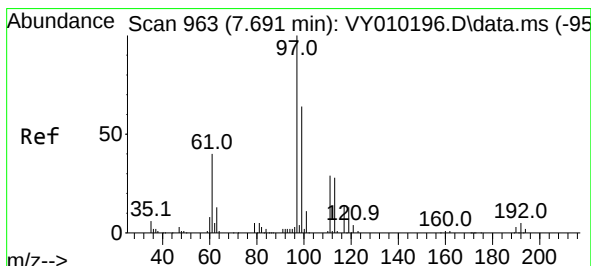
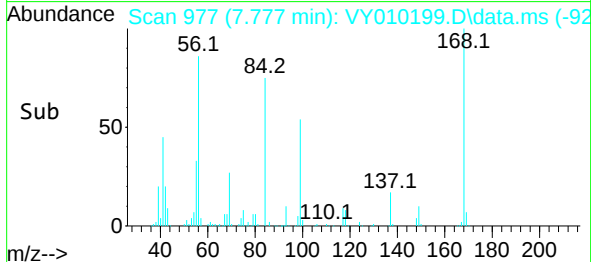
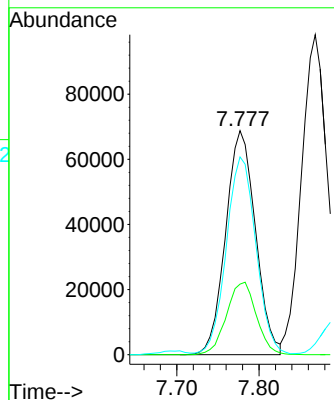
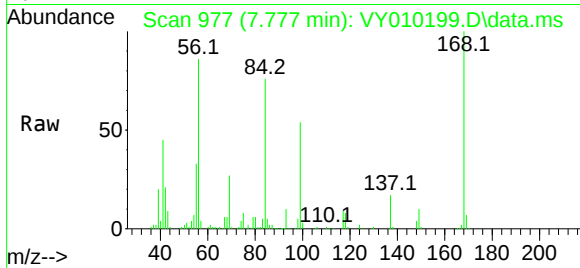




#31
Cyclohexane
Concen: 50.694 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

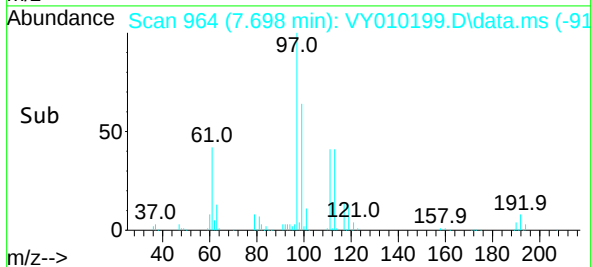
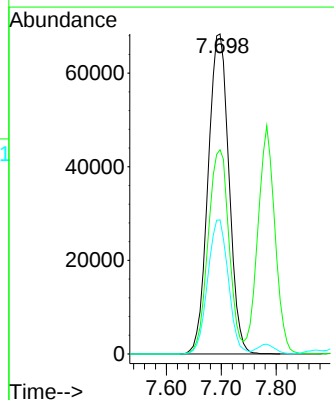
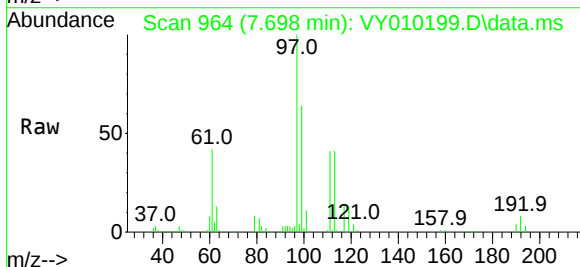
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

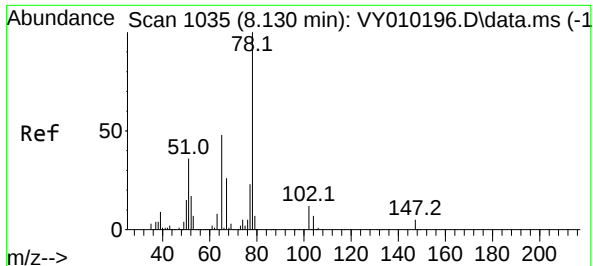
Tgt Ion: 56 Resp: 173626
Ion Ratio Lower Upper
56 100
69 31.5 26.7 40.1
84 86.6 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 49.481 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.007 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion: 97 Resp: 180174
Ion Ratio Lower Upper
97 100
99 64.0 50.7 76.1
61 41.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 48.088 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

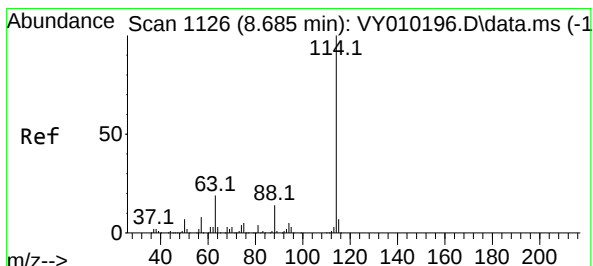
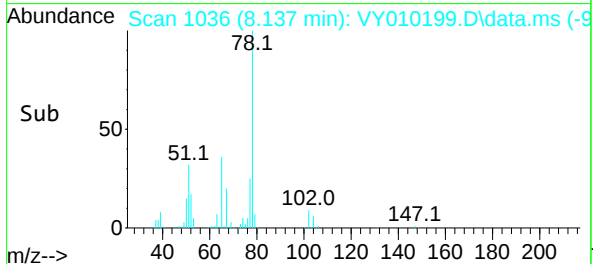
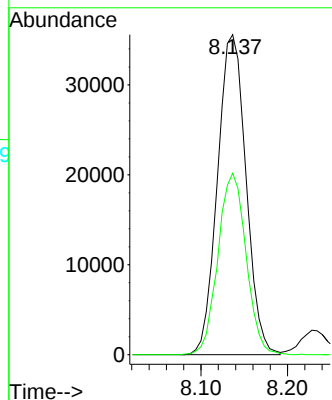
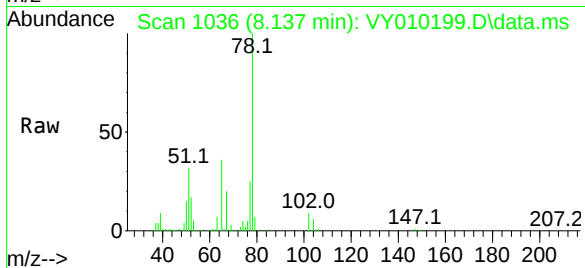
VSTDCCC050

Tgt Ion: 65 Resp: 81356

Ion Ratio Lower Upper

65 100

67 55.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

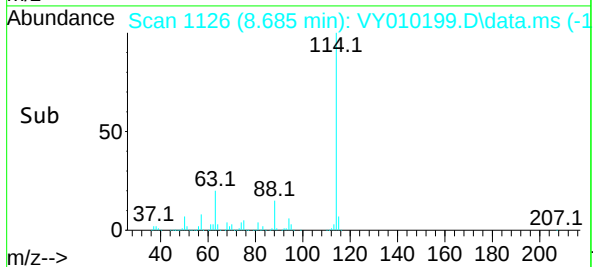
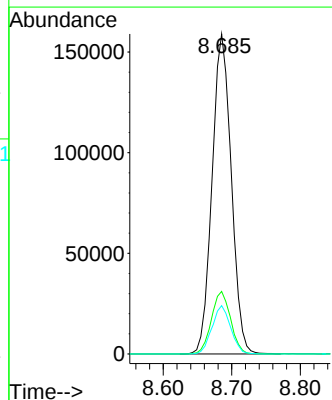
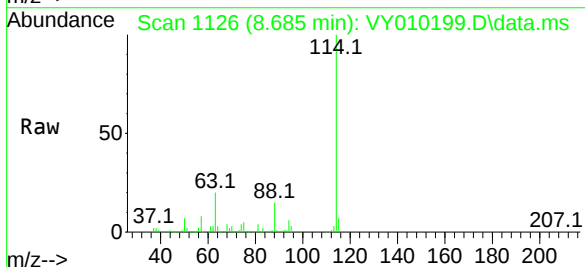
Tgt Ion: 114 Resp: 308436

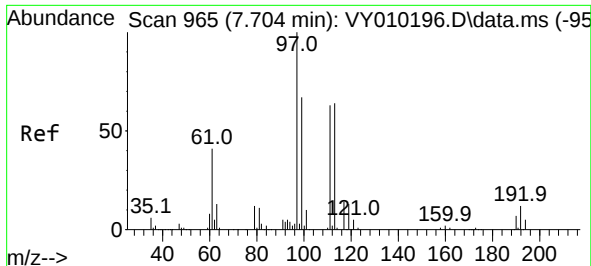
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.1 0.0 31.8

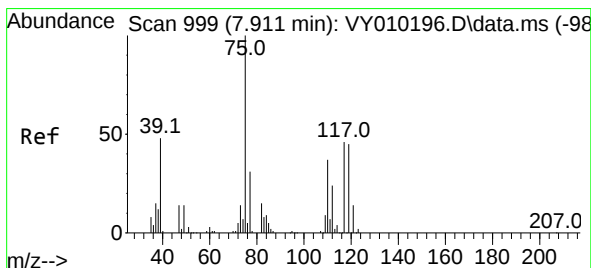
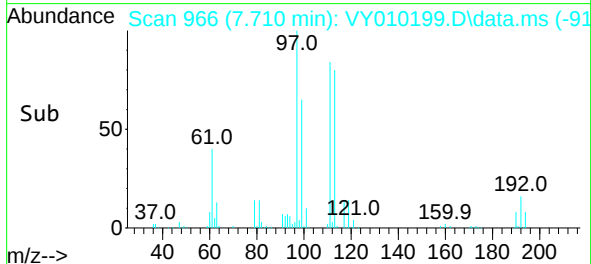
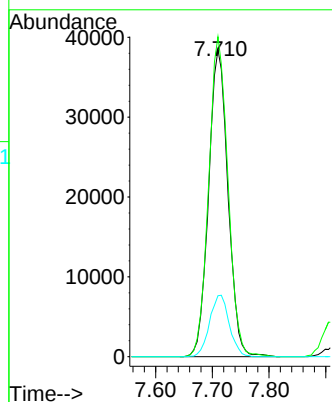
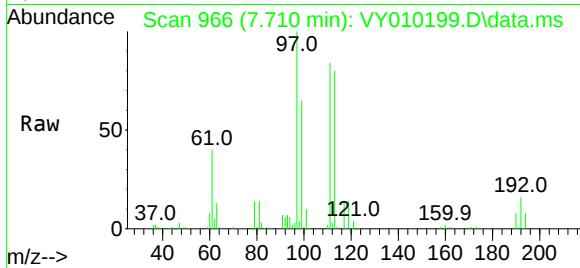




#35
Dibromofluoromethane
Concen: 45.082 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

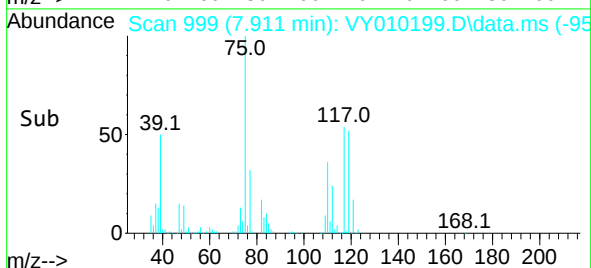
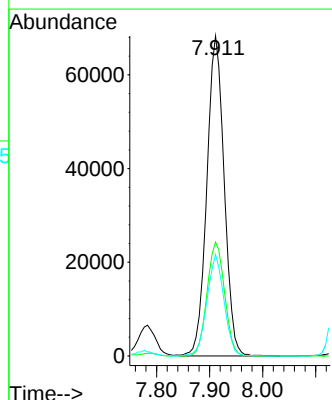
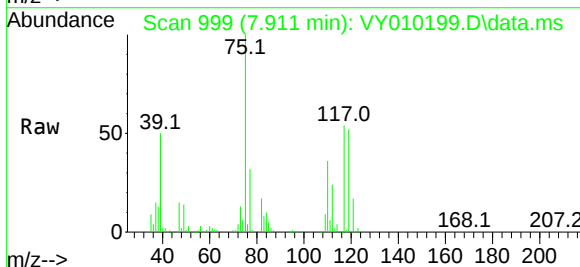
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

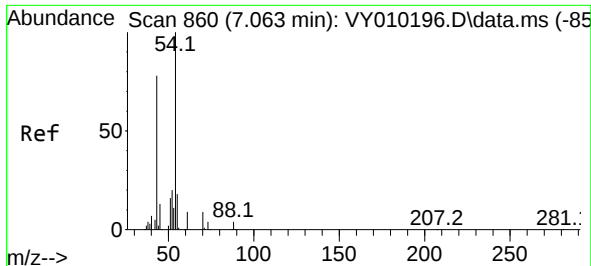
Tgt Ion:113 Resp: 91168
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 20.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 52.113 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion: 75 Resp: 154997
Ion Ratio Lower Upper
75 100
110 35.9 17.1 51.2
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 53.155 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.007 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

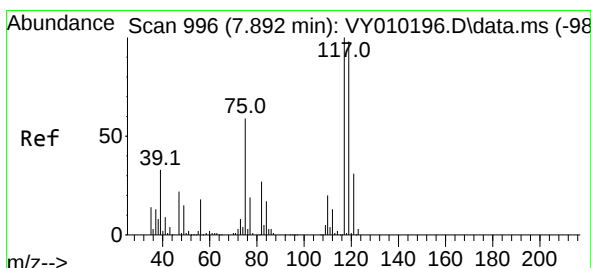
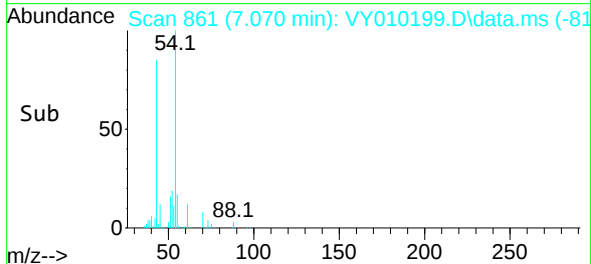
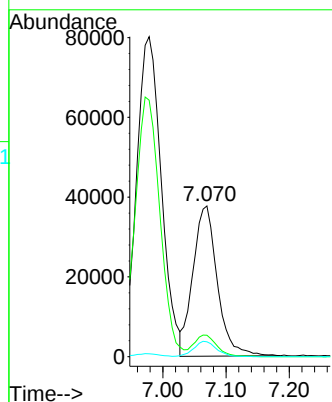
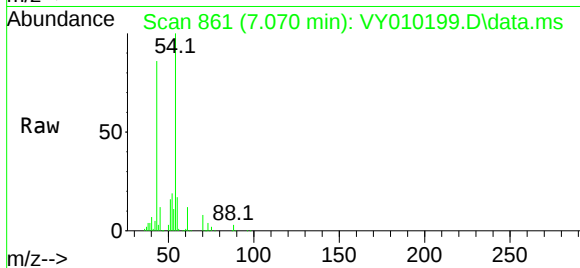
Tgt Ion: 43 Resp: 101055

Ion Ratio Lower Upper

43 100

61 13.9 9.7 14.5

70 9.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 50.660 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.001 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

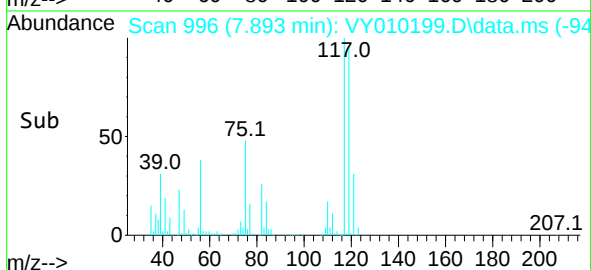
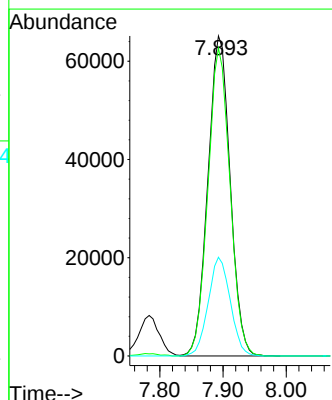
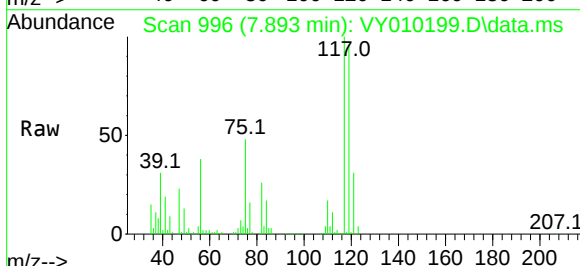
Tgt Ion: 117 Resp: 159590

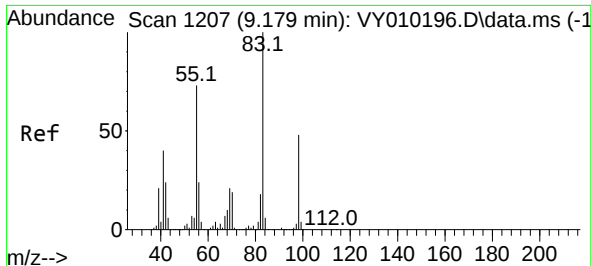
Ion Ratio Lower Upper

117 100

119 96.2 77.9 116.9

121 30.9 24.8 37.2





#39

Methylcyclohexane

Concen: 55.442 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

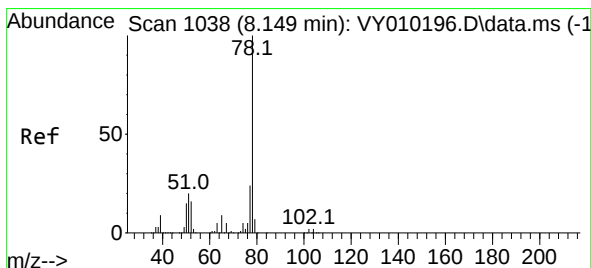
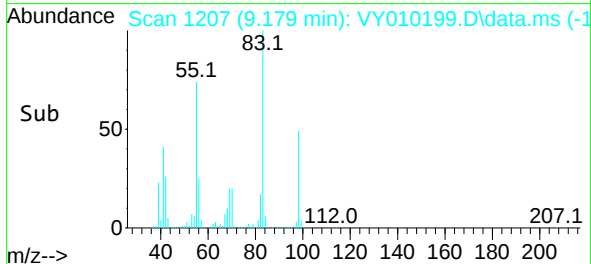
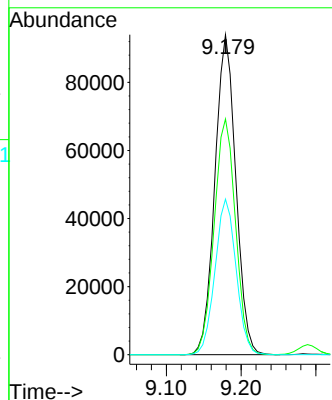
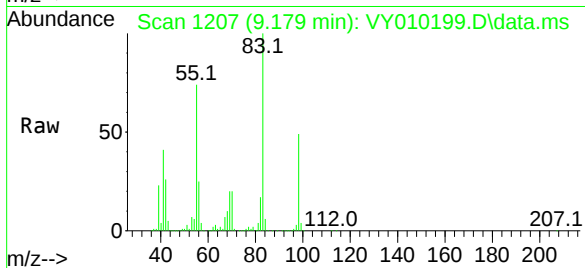
Tgt Ion: 83 Resp: 182874

Ion Ratio Lower Upper

83 100

55 73.7 66.5 99.7

98 48.6 37.9 56.9



#40

Benzene

Concen: 50.752 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY010199.D

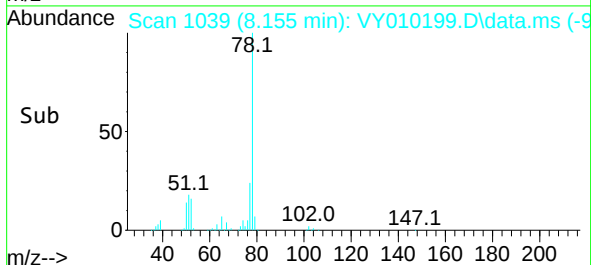
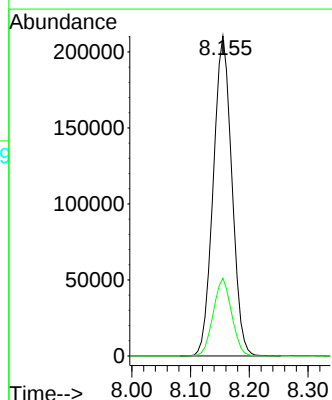
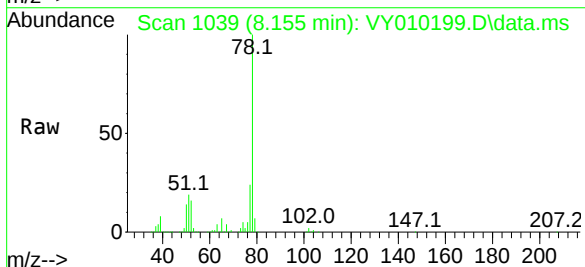
Acq: 25 Aug 2022 11:19

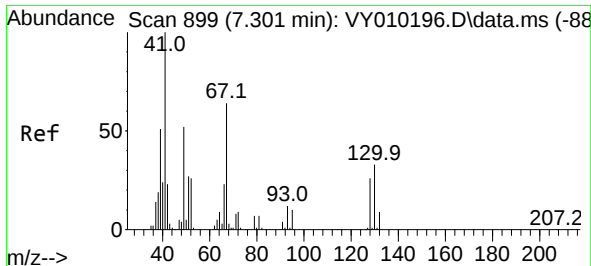
Tgt Ion: 78 Resp: 462012

Ion Ratio Lower Upper

78 100

77 24.3 20.4 30.6

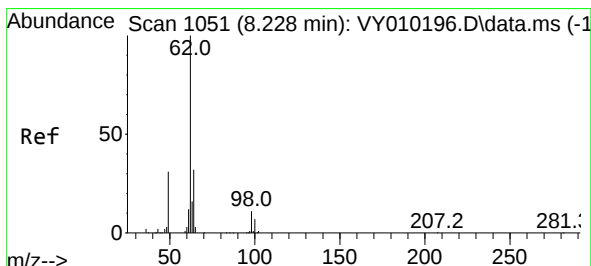
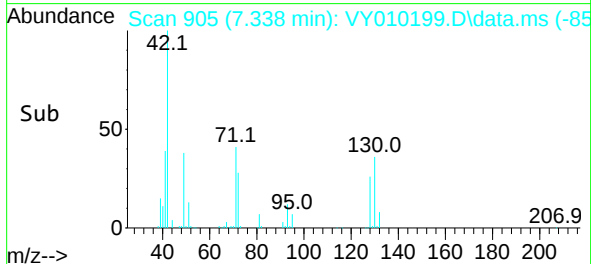
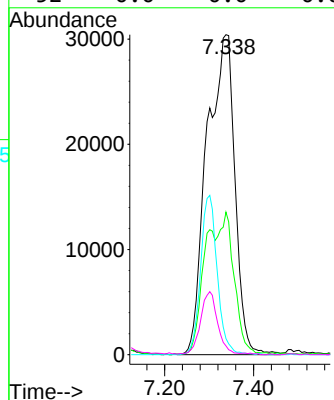
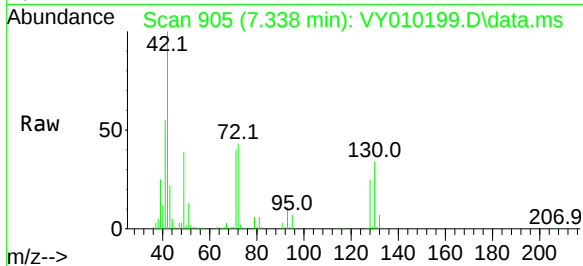




#41
Methacrylonitrile
Concen: 140.106 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

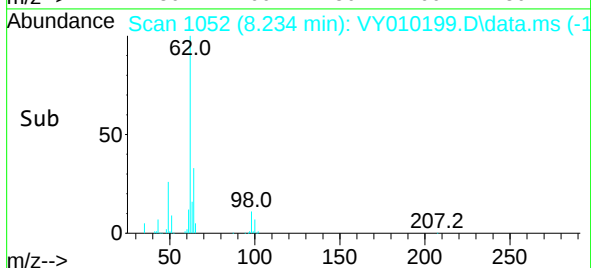
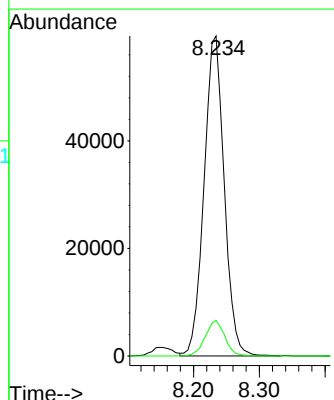
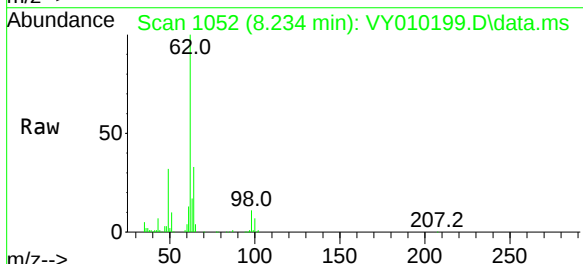
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

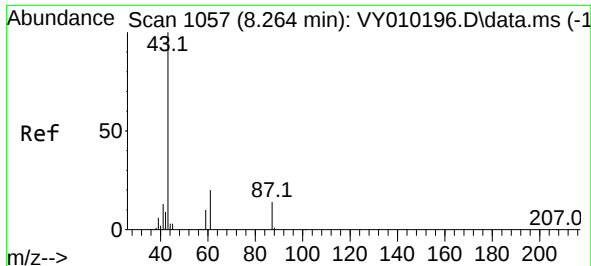
Tgt Ion: 41 Resp: 132908
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.143 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion: 62 Resp: 126877
Ion Ratio Lower Upper
62 100
98 10.7 0.0 14.8

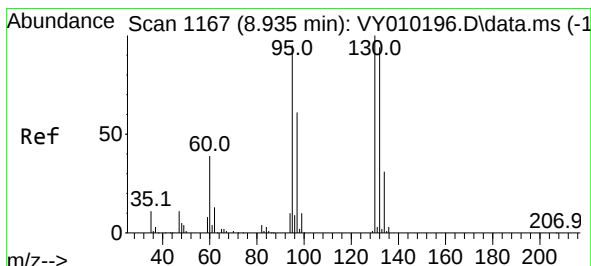
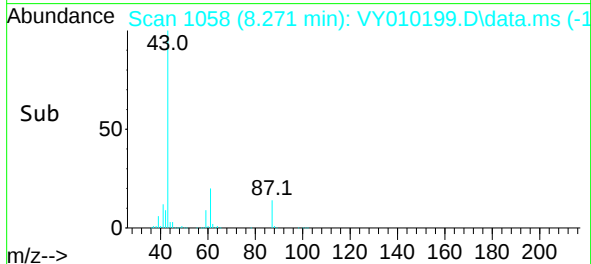
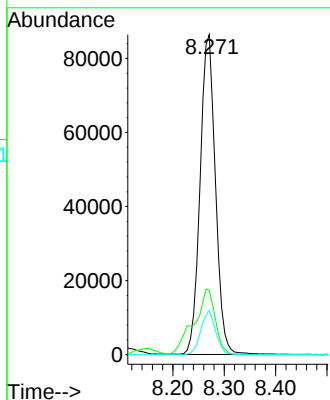
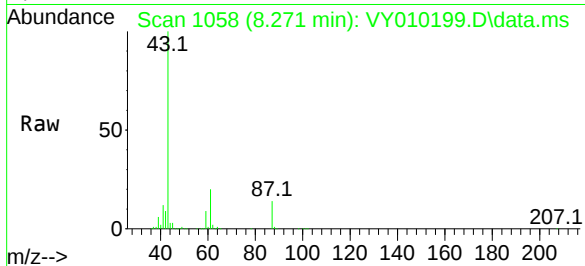




#43
Isopropyl Acetate
Concen: 54.093 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.007 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

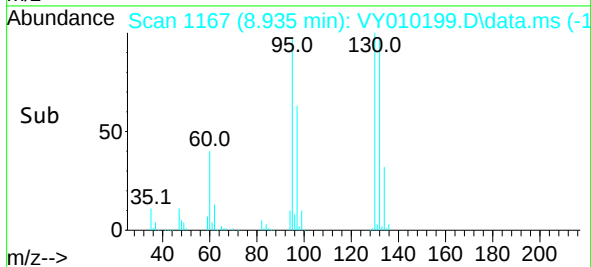
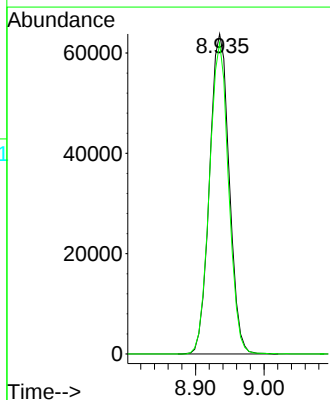
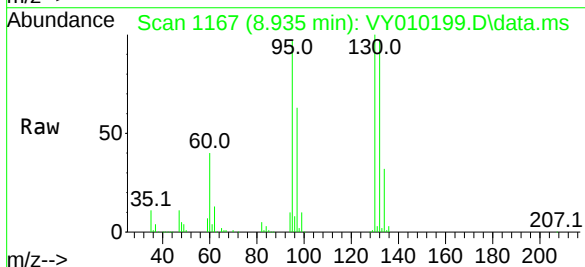
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

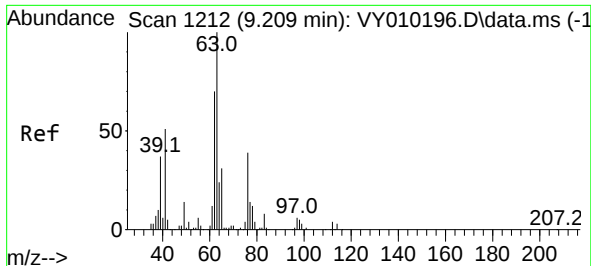
Tgt Ion: 43 Resp: 178960
Ion Ratio Lower Upper
43 100
61 28.6 20.2 30.2
87 13.3 8.9 13.3



#44
Trichloroethene
Concen: 50.511 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion: 130 Resp: 126902
Ion Ratio Lower Upper
130 100
95 97.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 51.503 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.001 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

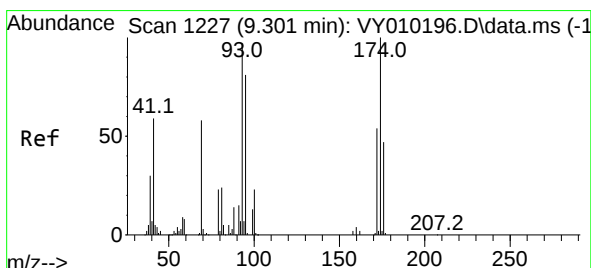
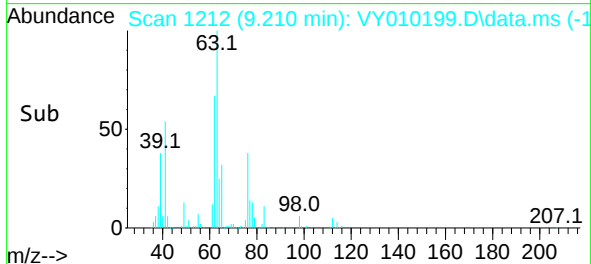
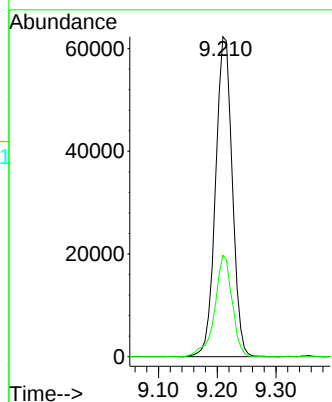
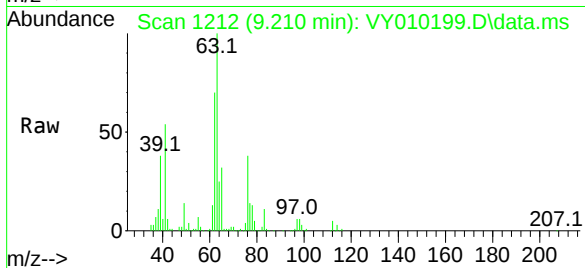
VSTDCCC050

Tgt Ion: 63 Resp: 123153

Ion Ratio Lower Upper

63 100

65 31.7 23.0 34.6



#46

Dibromomethane

Concen: 51.270 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

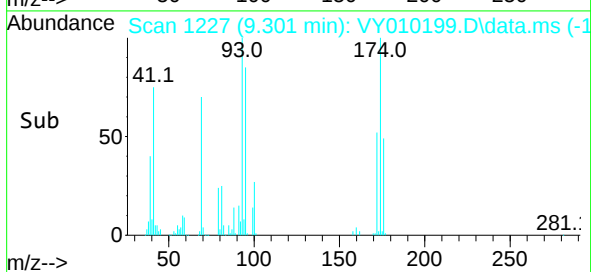
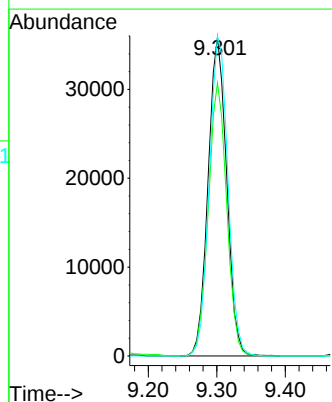
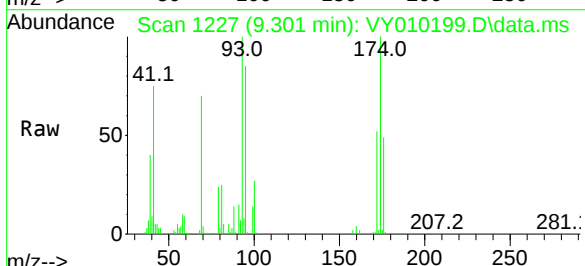
Tgt Ion: 93 Resp: 67629

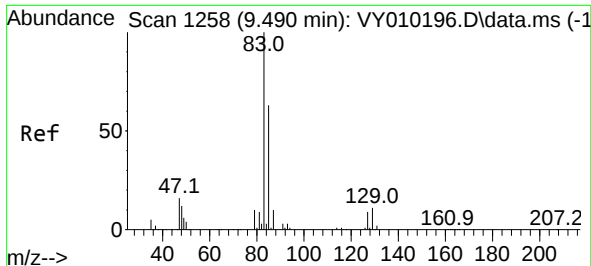
Ion Ratio Lower Upper

93 100

95 84.8 64.3 96.5

174 100.8 83.4 125.0

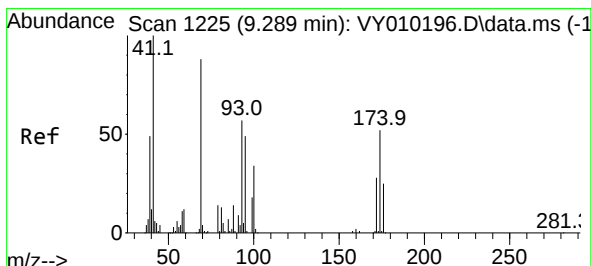
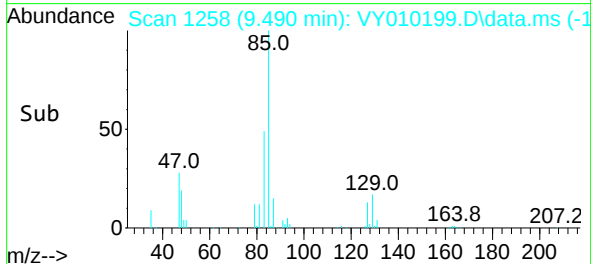
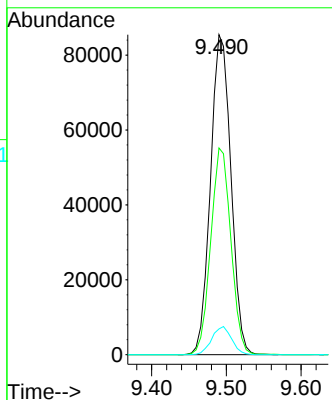
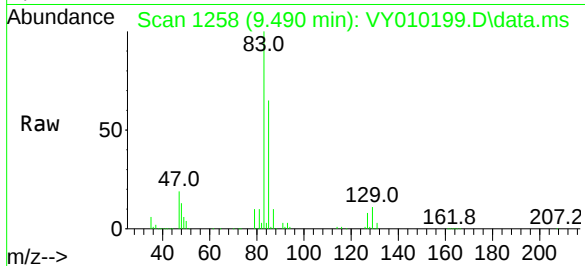




#47
Bromodichloromethane
Concen: 49.904 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

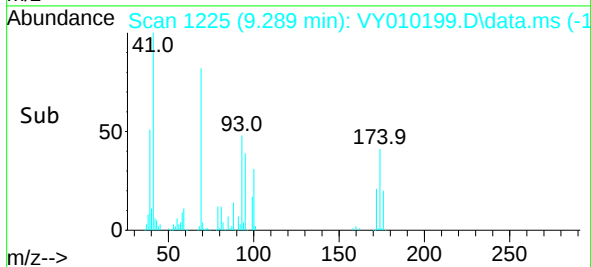
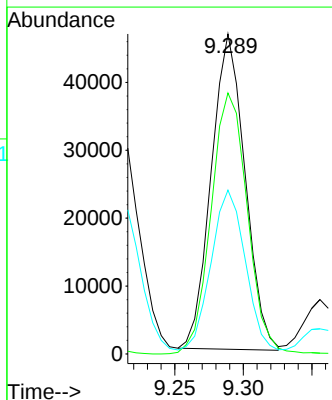
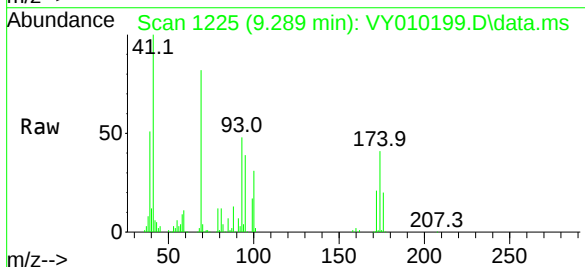
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

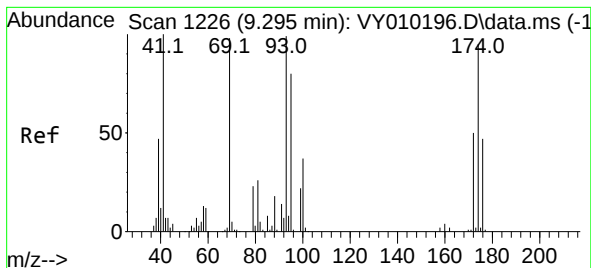
Tgt Ion: 83 Resp: 162022
Ion Ratio Lower Upper
83 100
85 64.6 51.9 77.9
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 55.955 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion: 41 Resp: 79570
Ion Ratio Lower Upper
41 100
69 89.0 58.2 87.2#
39 51.3 47.4 71.0





#49

1,4-Dioxane

Concen: 1061.653 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

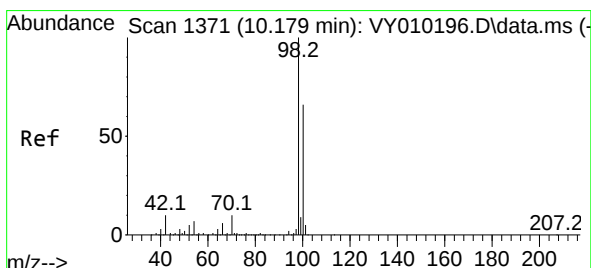
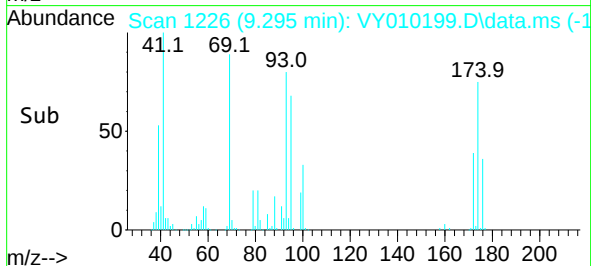
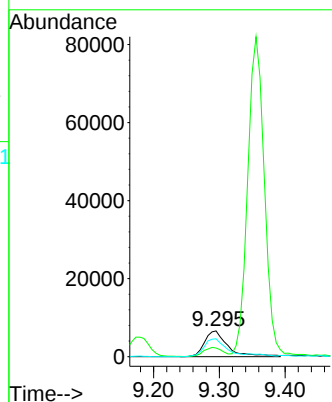
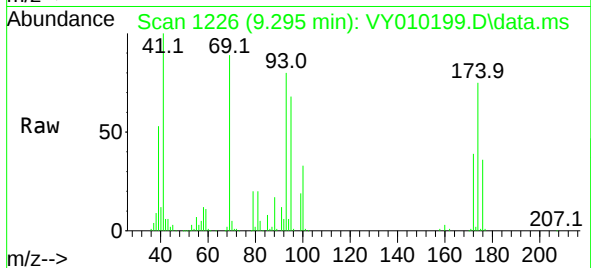
Tgt Ion: 88 Resp: 16287

Ion Ratio Lower Upper

88 100

43 28.2 32.8 49.2#

58 65.0 59.8 89.6



#50

Toluene-d8

Concen: 42.492 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010199.D

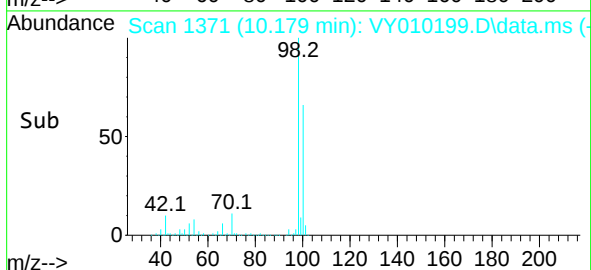
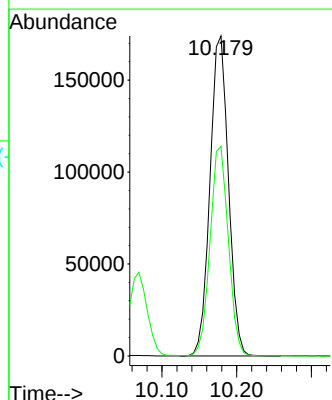
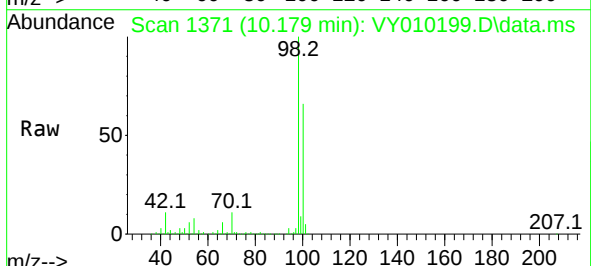
Acq: 25 Aug 2022 11:19

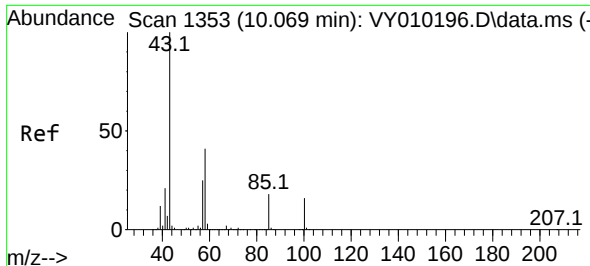
Tgt Ion: 98 Resp: 298205

Ion Ratio Lower Upper

98 100

100 64.9 50.2 75.2

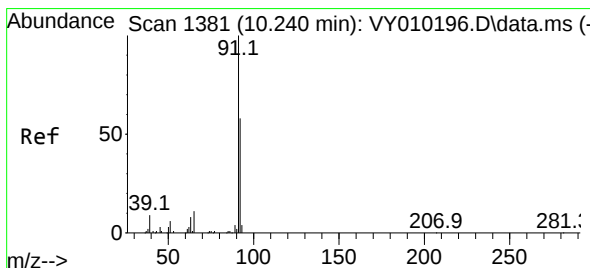
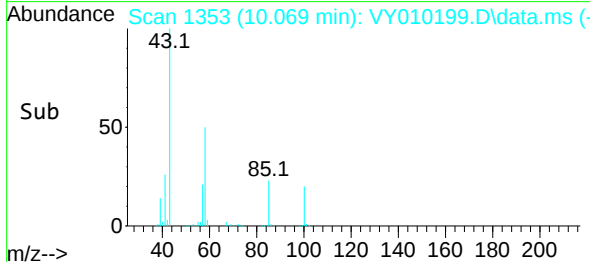
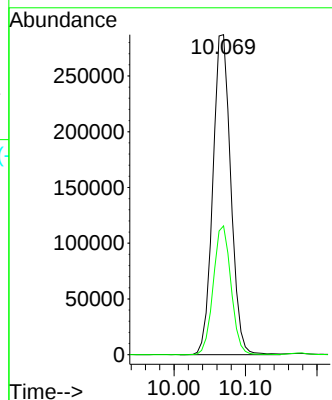
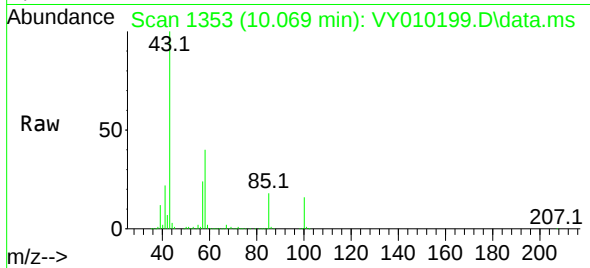




#51
4-Methyl-2-Pentanone
Concen: 275.684 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

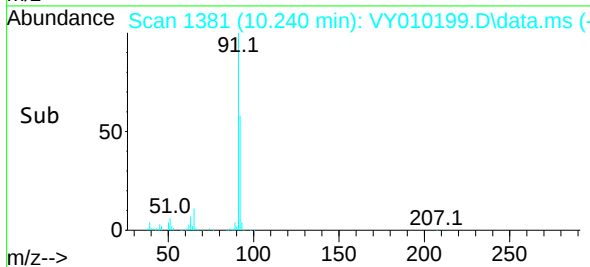
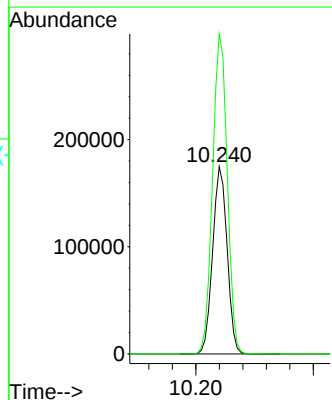
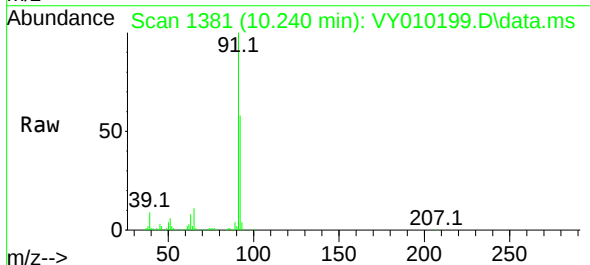
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

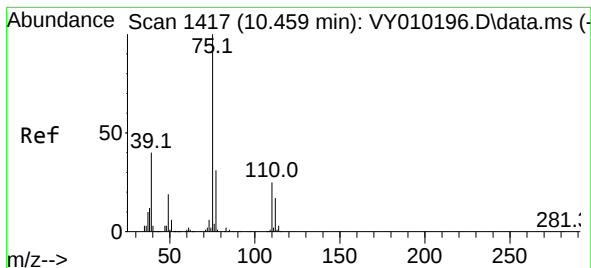
Tgt Ion: 43 Resp: 499596
Ion Ratio Lower Upper
43 100
58 39.8 28.1 42.1



#52
Toluene
Concen: 52.342 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion: 92 Resp: 298473
Ion Ratio Lower Upper
92 100
91 173.6 142.6 213.8

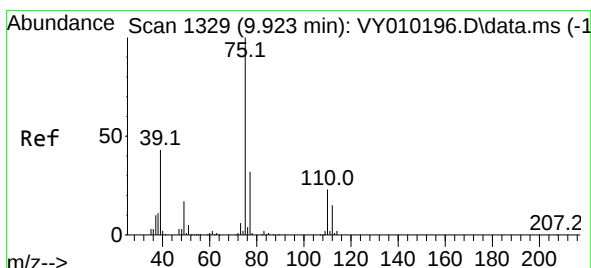
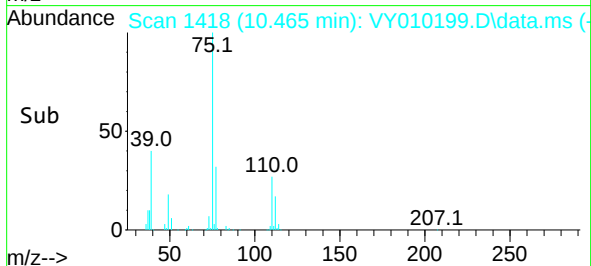
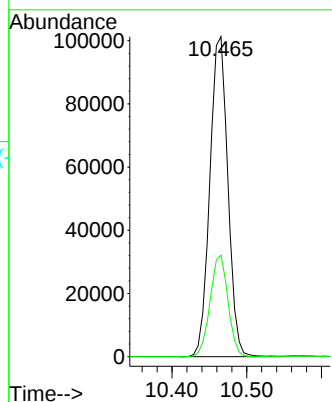
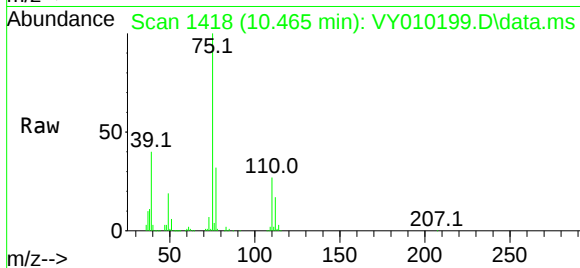




#53
 t-1,3-Dichloropropene
 Concen: 52.689 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY010199.D
 Acq: 25 Aug 2022 11:19

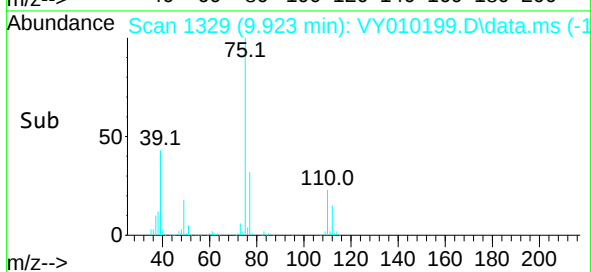
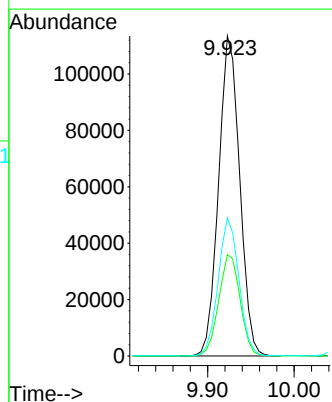
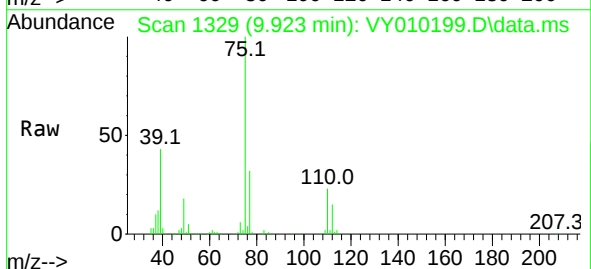
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

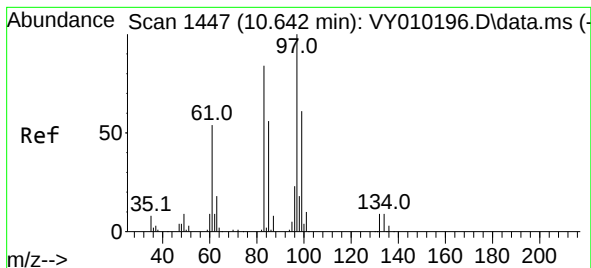
Tgt Ion: 75 Resp: 169489
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.506 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY010199.D
 Acq: 25 Aug 2022 11:19

Tgt Ion: 75 Resp: 191945
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.6 38.4
 39 43.1 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 50.765 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 101597

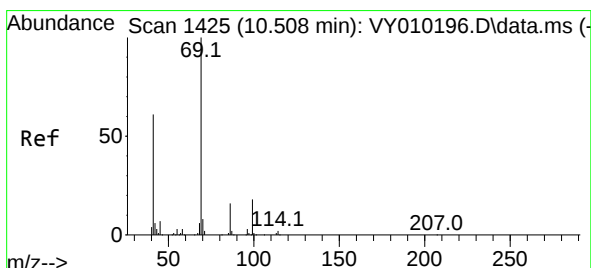
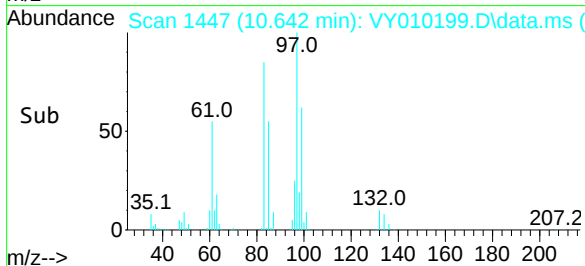
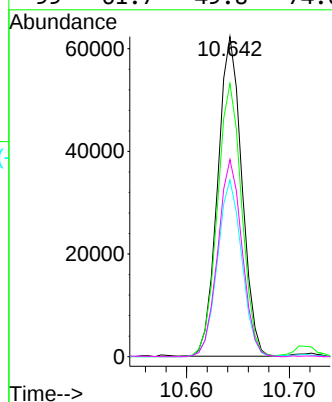
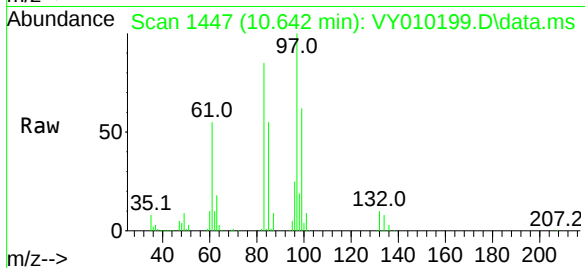
Ion Ratio Lower Upper

97 100

83 85.5 69.8 104.8

85 55.3 44.3 66.5

99 61.7 49.8 74.6



#56

Ethyl methacrylate

Concen: 56.170 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

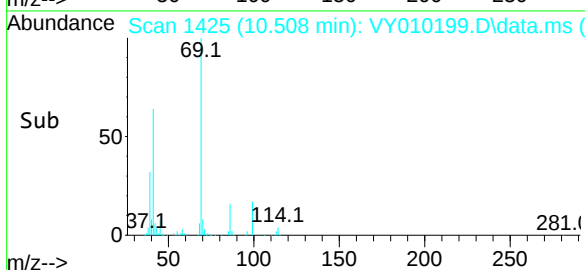
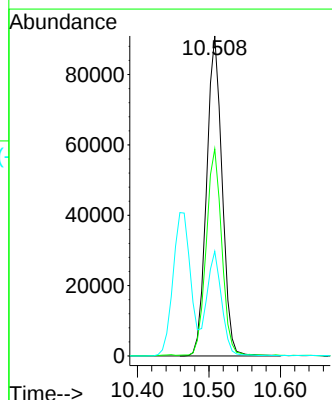
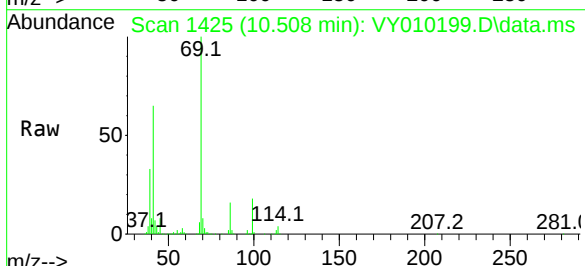
Tgt Ion: 69 Resp: 137267

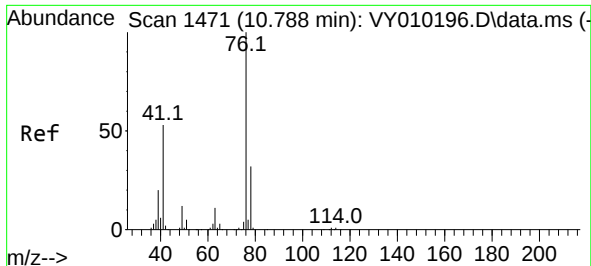
Ion Ratio Lower Upper

69 100

41 64.5 63.4 95.0

39 31.5 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 51.641 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

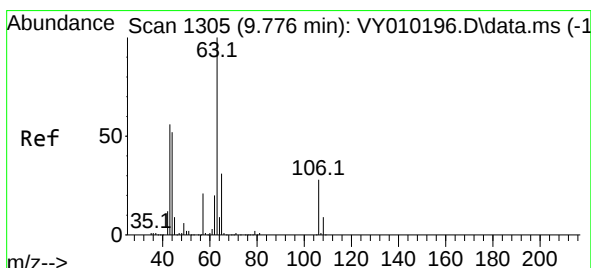
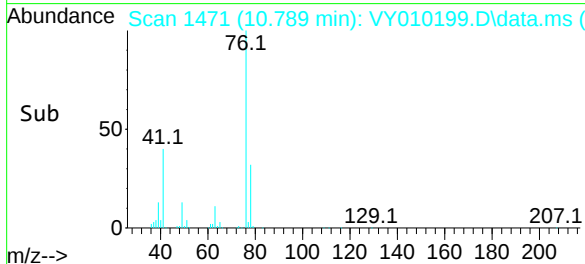
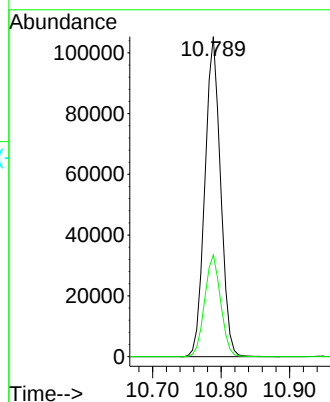
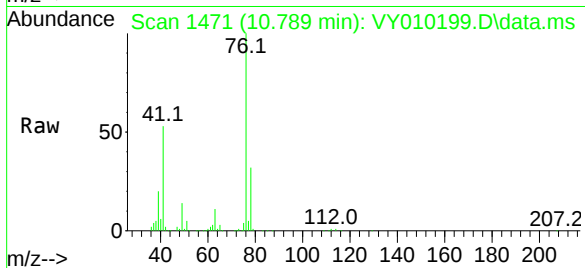
VSTDCCC050

Tgt Ion: 76 Resp: 167712

Ion Ratio Lower Upper

76 100

78 32.5 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 214.999 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. 0.001 min

Lab File: VY010199.D

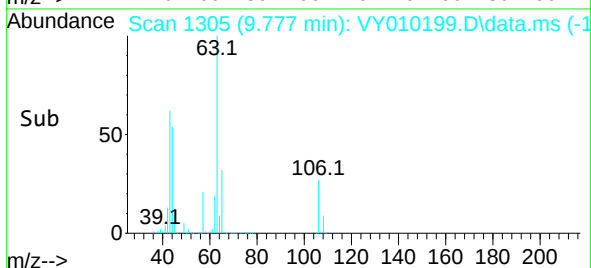
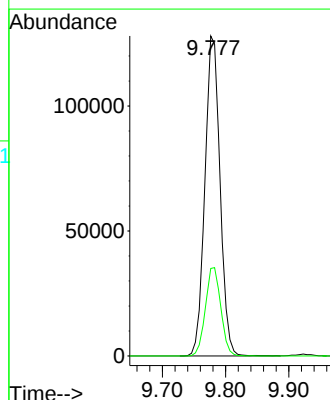
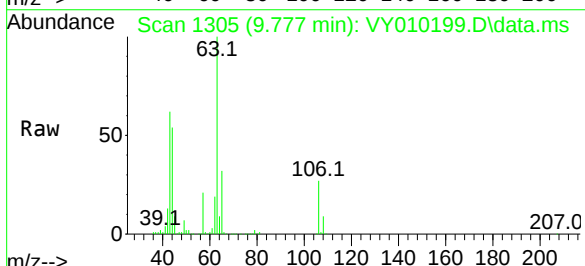
Acq: 25 Aug 2022 11:19

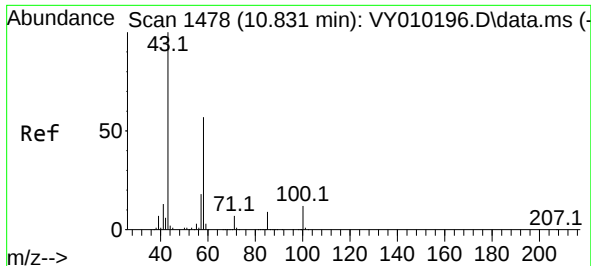
Tgt Ion: 63 Resp: 213733

Ion Ratio Lower Upper

63 100

106 28.0 21.5 32.3

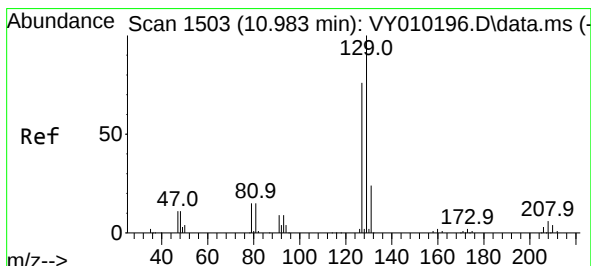
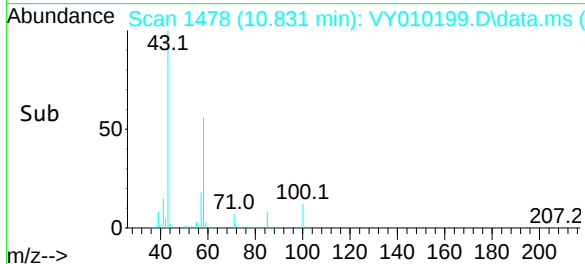
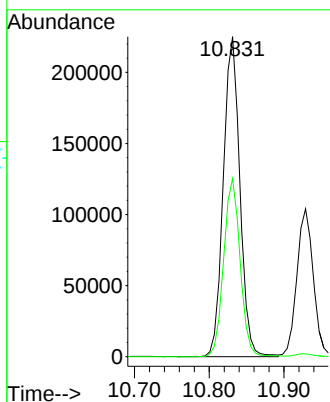
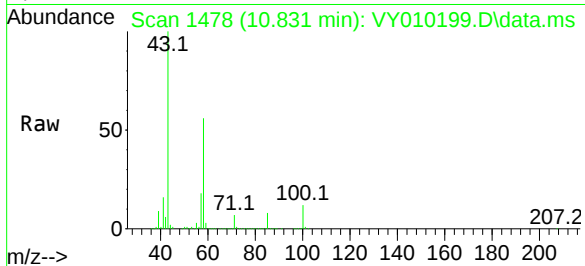




#59
2-Hexanone
Concen: 283.011 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

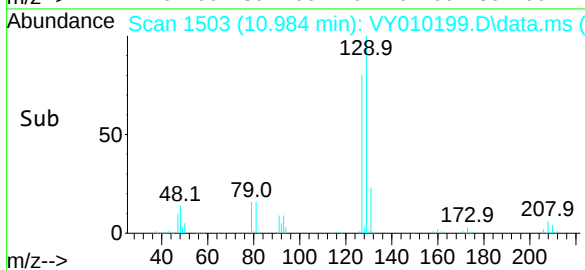
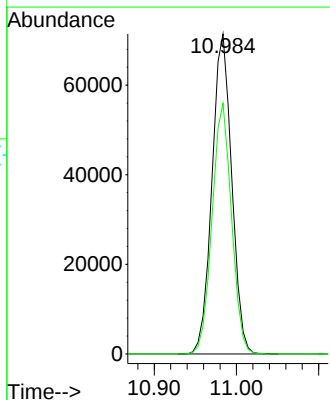
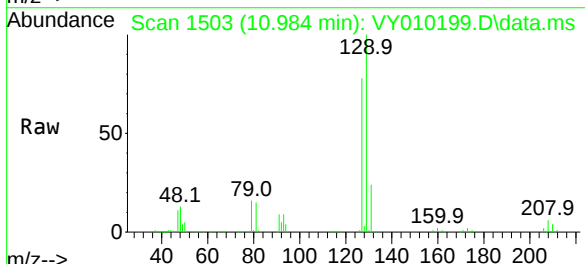
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

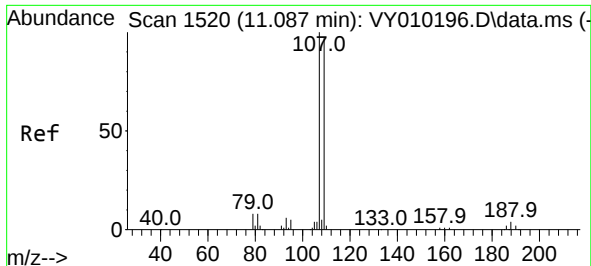
Tgt Ion: 43 Resp: 347119
Ion Ratio Lower Upper
43 100
58 55.2 24.4 73.4



#60
Dibromochloromethane
Concen: 50.352 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion: 129 Resp: 118808
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1

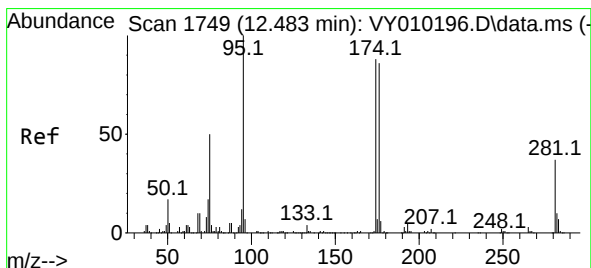
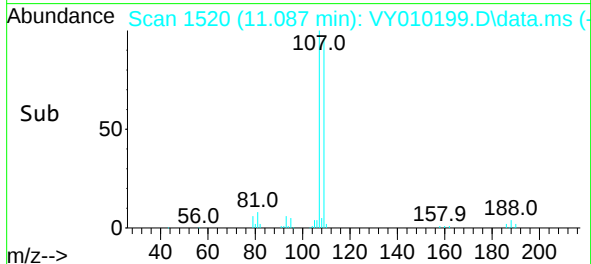
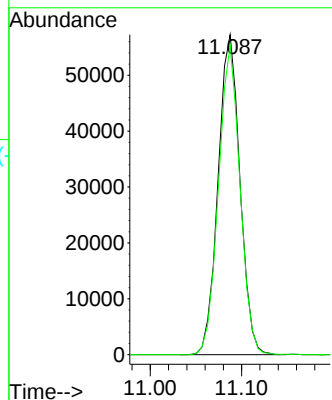
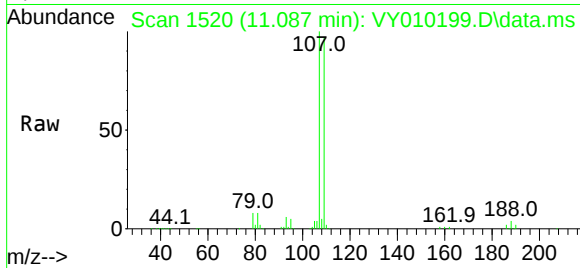




#61
1,2-Dibromoethane
Concen: 51.630 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

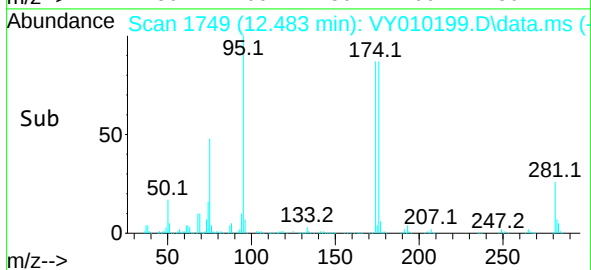
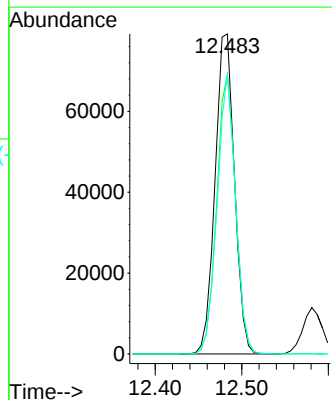
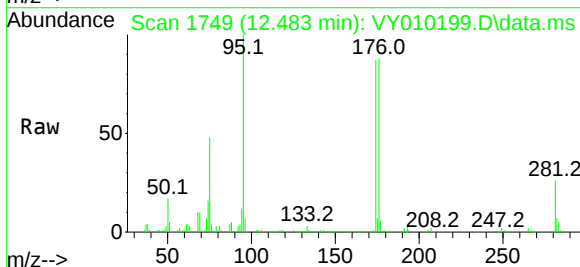
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

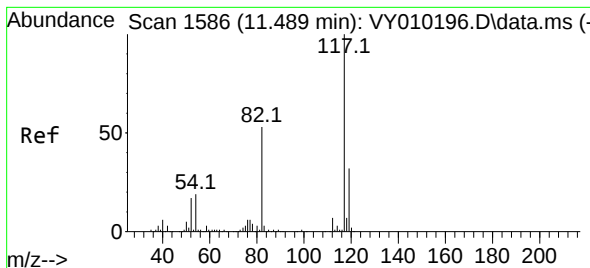
Tgt Ion:107 Resp: 95047
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 45.839 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion: 95 Resp: 123241
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 82.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

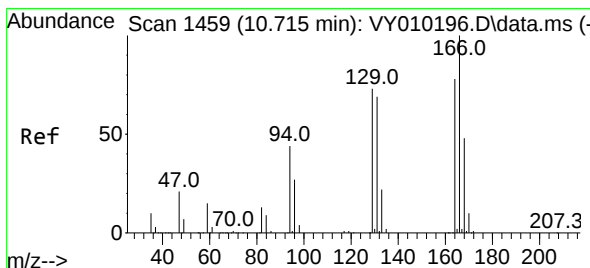
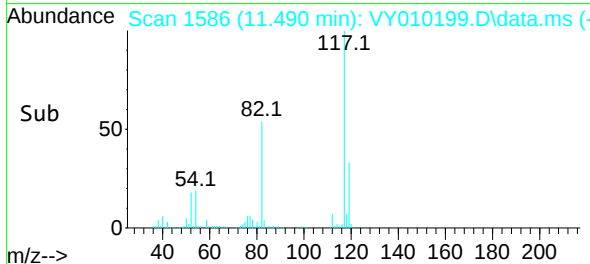
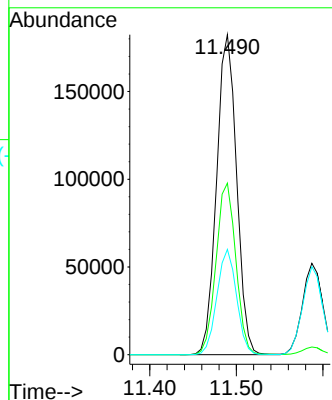
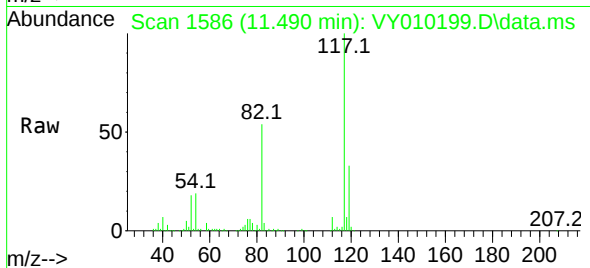
Tgt Ion:117 Resp: 292979

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

119 32.9 25.4 38.0



#64

Tetrachloroethene

Concen: 50.148 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Tgt Ion:164 Resp: 120986

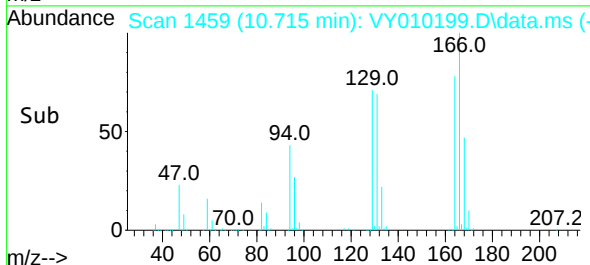
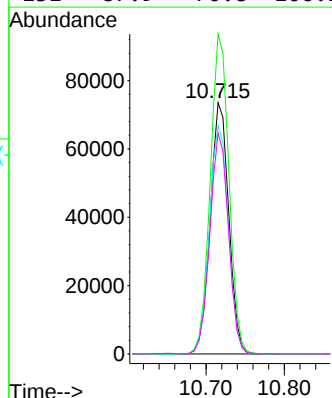
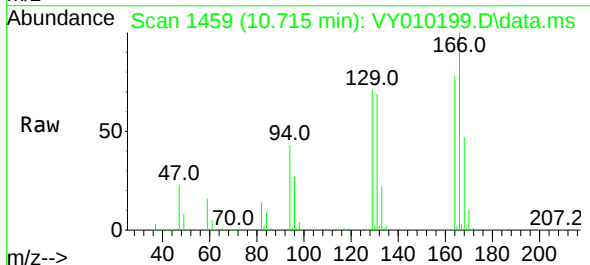
Ion Ratio Lower Upper

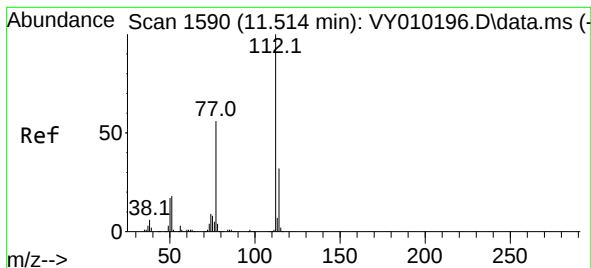
164 100

166 127.4 100.4 150.6

129 91.0 71.4 107.0

131 87.9 70.8 106.2





#65

Chlorobenzene

Concen: 50.514 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

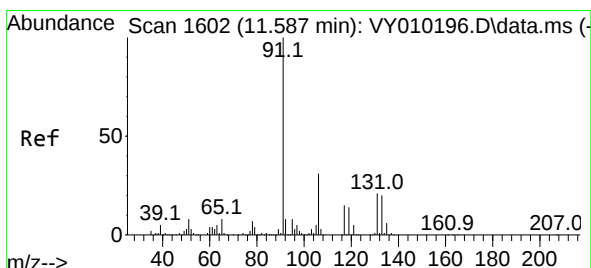
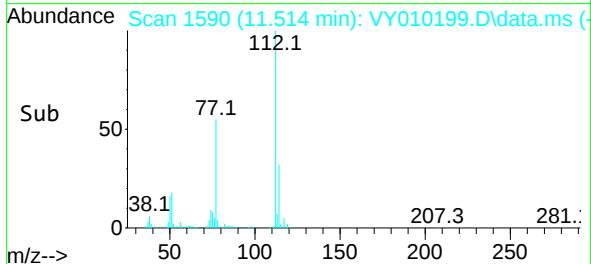
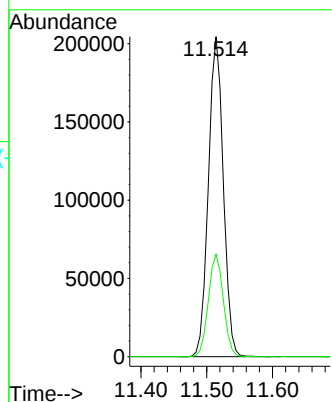
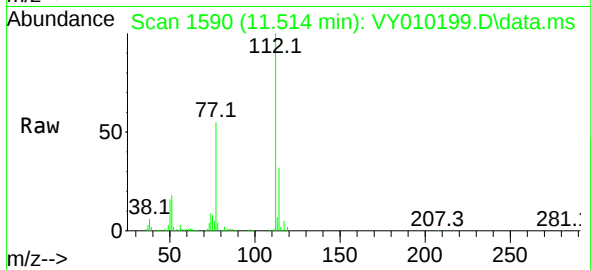
VSTDCCC050

Tgt Ion:112 Resp: 322519

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.760 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

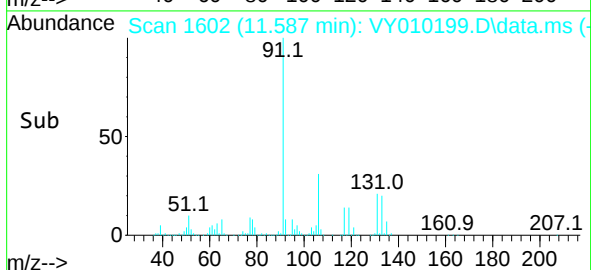
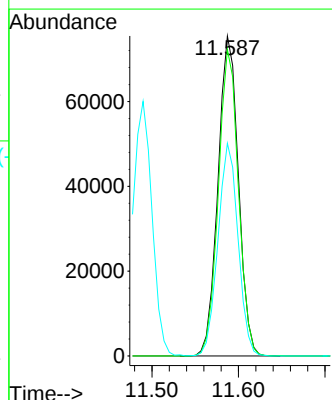
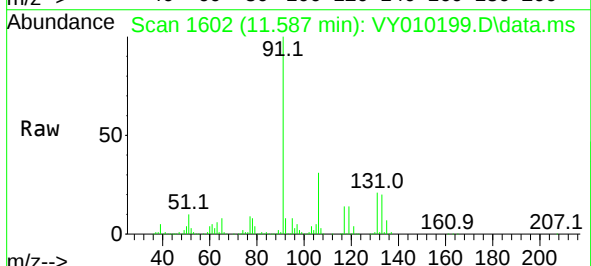
Tgt Ion:131 Resp: 123453

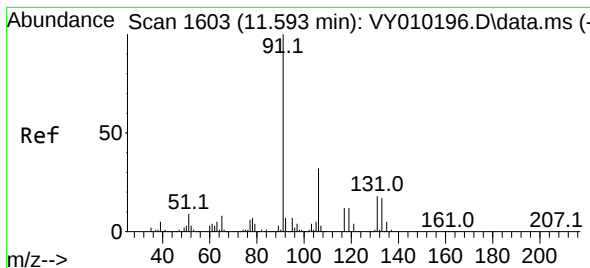
Ion Ratio Lower Upper

131 100

133 94.1 47.9 143.6

119 65.4 30.8 92.3





#67

Ethyl Benzene

Concen: 53.283 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

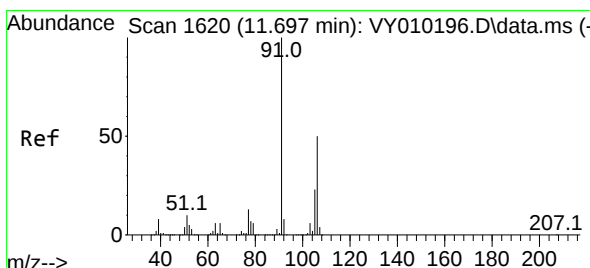
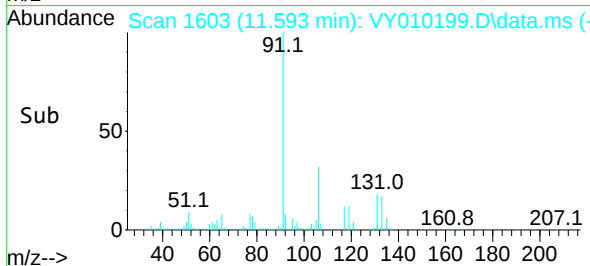
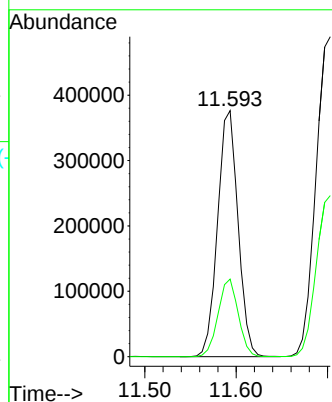
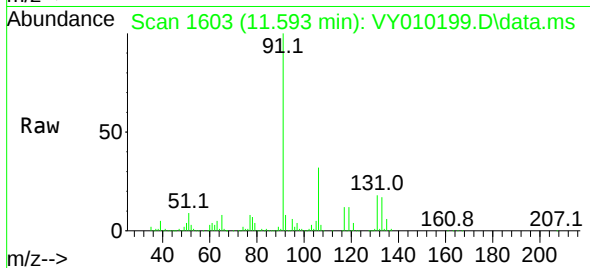
VSTDCCC050

Tgt Ion: 91 Resp: 584692

Ion Ratio Lower Upper

91 100

106 31.5 24.5 36.7



#68

m/p-Xylenes

Concen: 106.966 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY010199.D

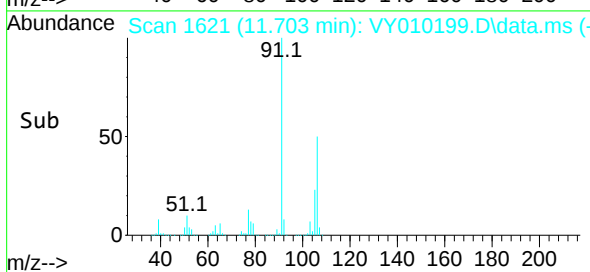
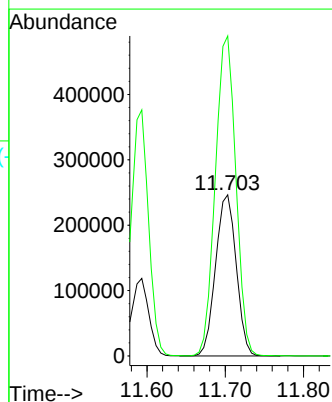
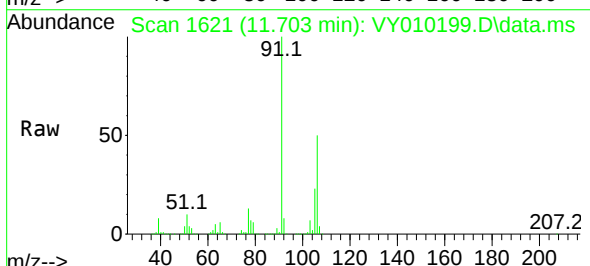
Acq: 25 Aug 2022 11:19

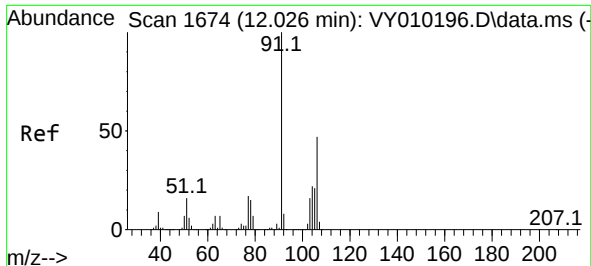
Tgt Ion:106 Resp: 450684

Ion Ratio Lower Upper

106 100

91 198.1 166.6 249.8

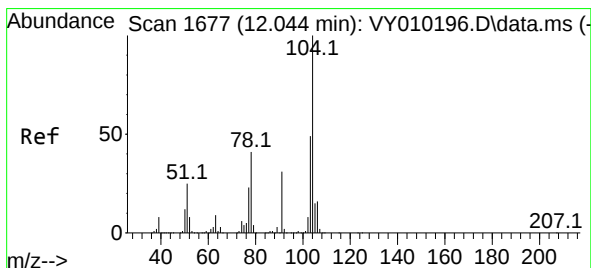
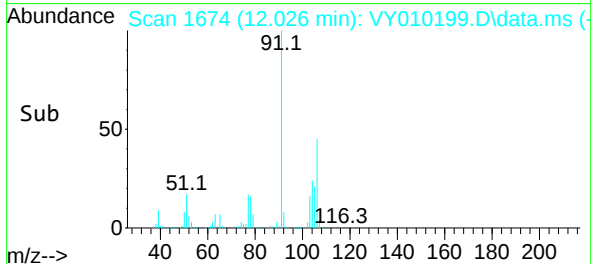
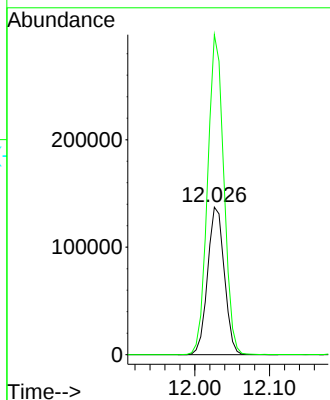
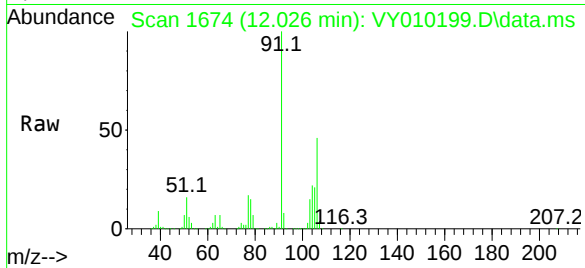




#69
o-Xylene
Concen: 53.036 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

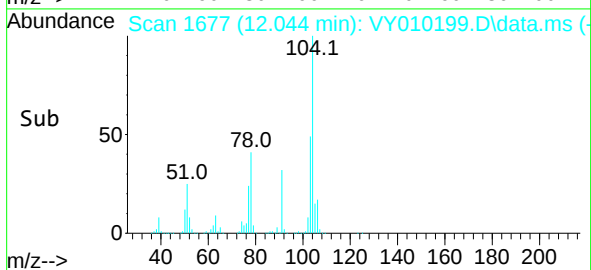
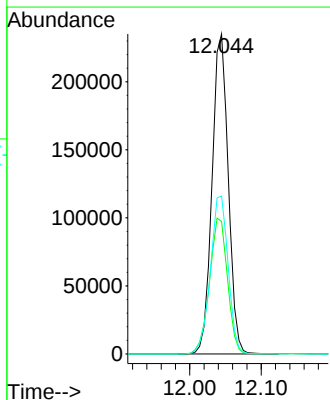
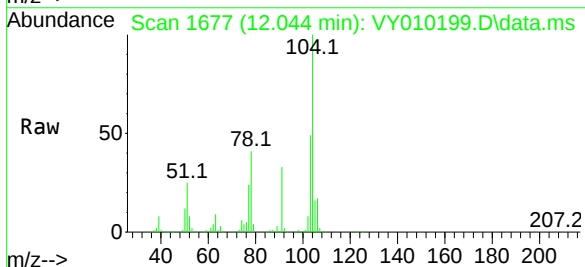
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

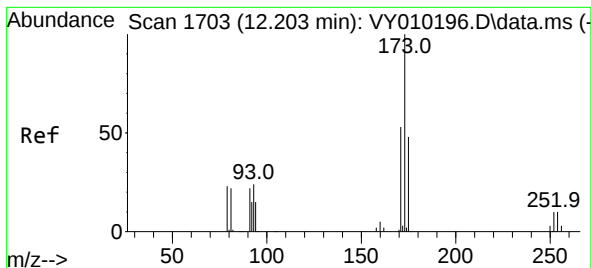
Tgt Ion:106 Resp: 213275
Ion Ratio Lower Upper
106 100
91 210.8 110.3 331.0



#70
Styrene
Concen: 53.712 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion:104 Resp: 369739
Ion Ratio Lower Upper
104 100
78 47.1 42.4 63.6
103 54.3 44.4 66.6





#71

Bromoform

Concen: 49.653 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

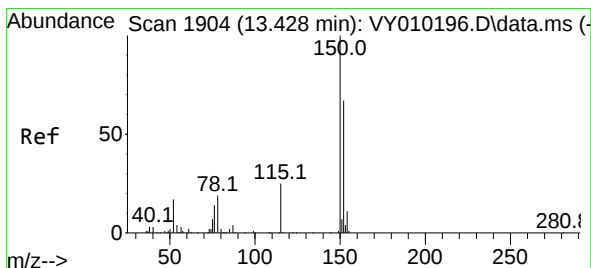
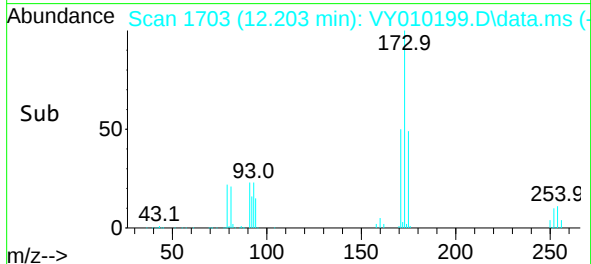
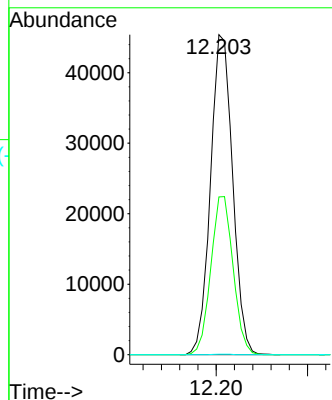
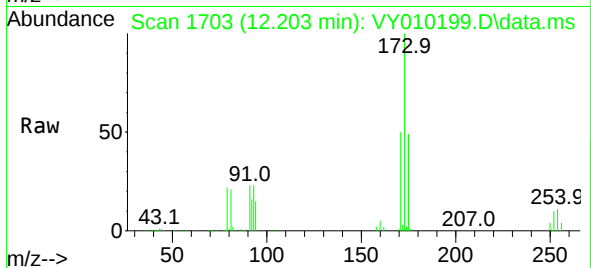
Tgt Ion:173 Resp: 76240

Ion Ratio Lower Upper

173 100

175 49.8 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

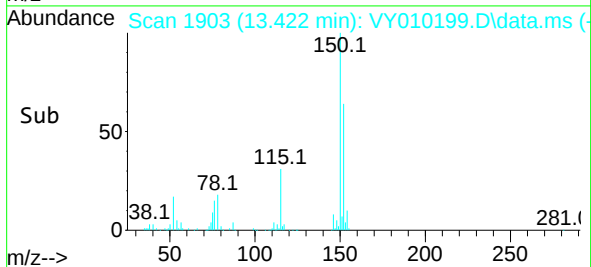
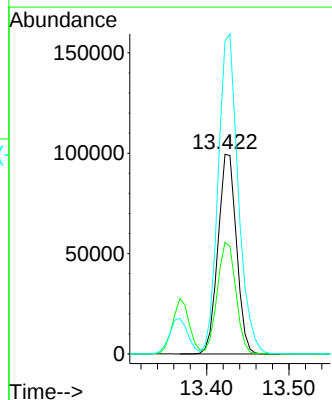
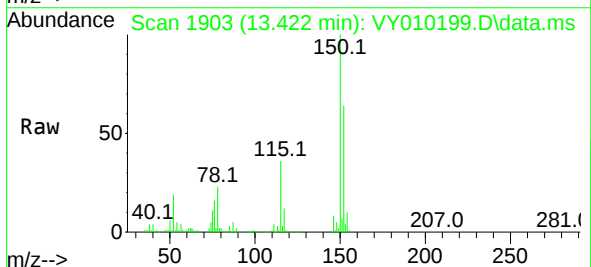
Tgt Ion:152 Resp: 155323

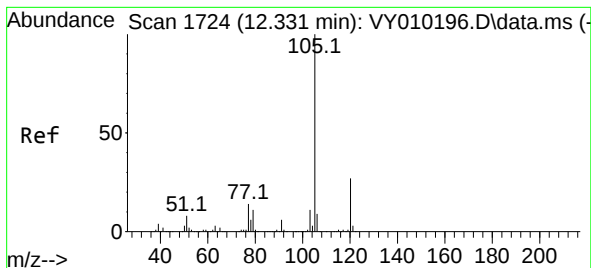
Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

150 174.0 0.0 347.6





#73

Isopropylbenzene

Concen: 53.728 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

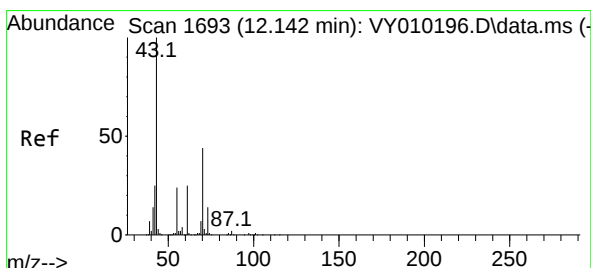
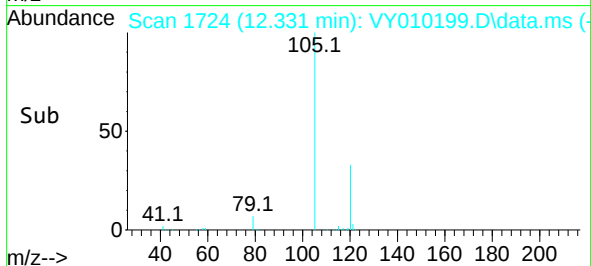
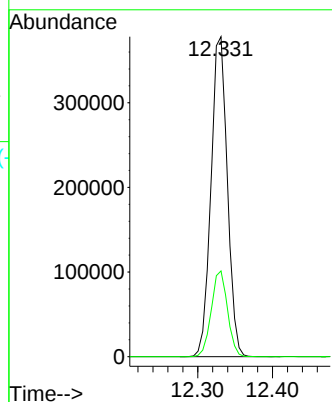
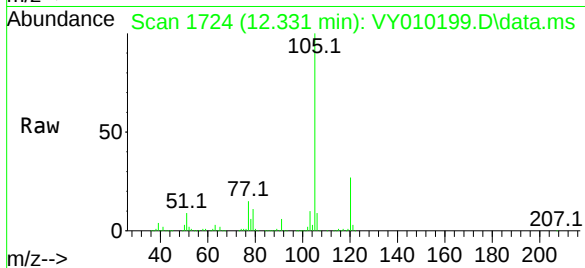
VSTDCCC050

Tgt Ion:105 Resp: 575643

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



#74

N-ethyl acetate

Concen: 54.106 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Tgt Ion: 43 Resp: 158641

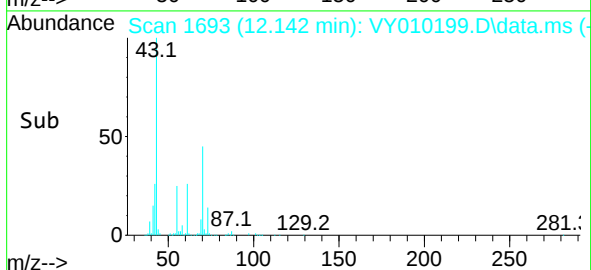
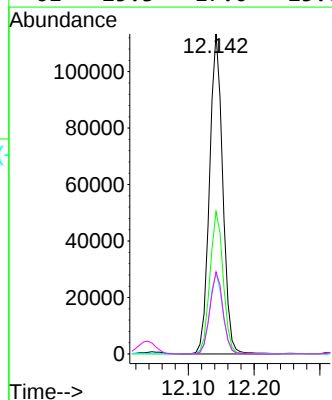
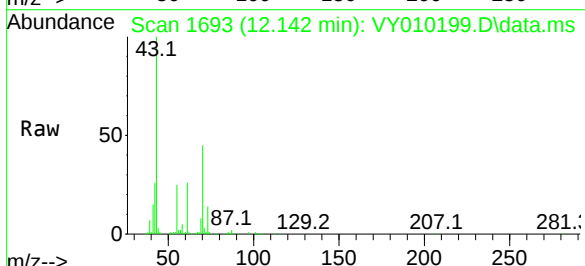
Ion Ratio Lower Upper

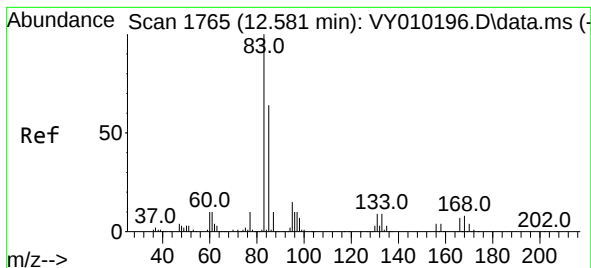
43 100

70 44.5 28.7 43.1#

55 25.0 17.3 25.9

61 25.3 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.235 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

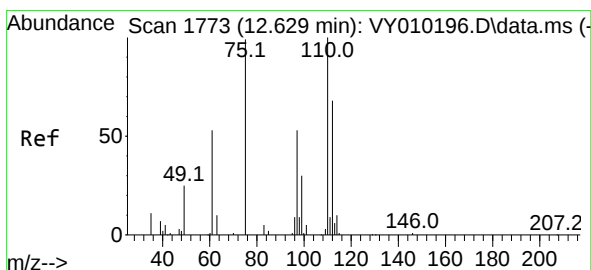
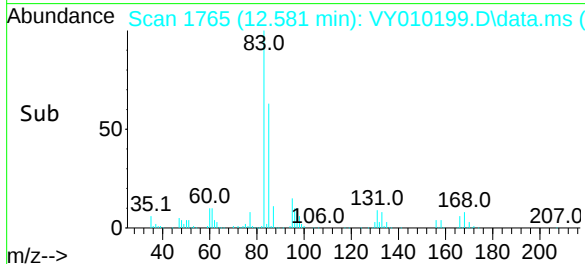
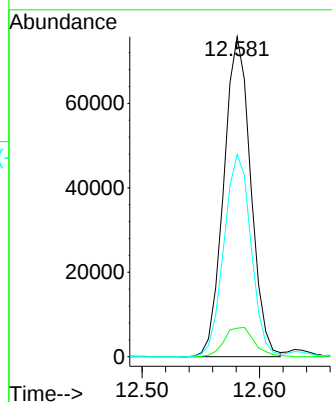
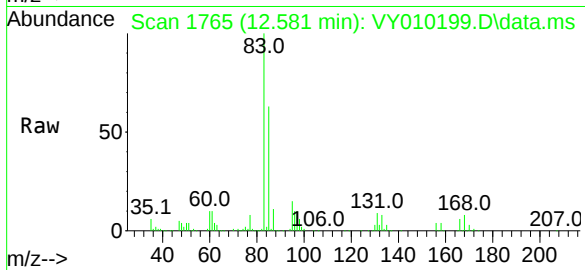
Tgt Ion: 83 Resp: 120727

Ion Ratio Lower Upper

83 100

131 10.3 5.6 16.8

85 63.6 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 90.398 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY010199.D

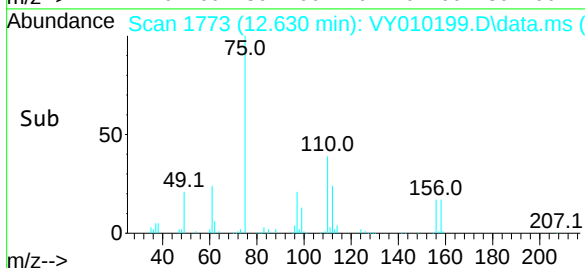
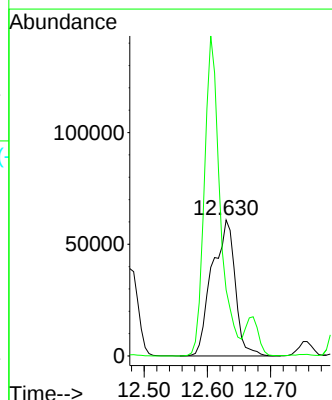
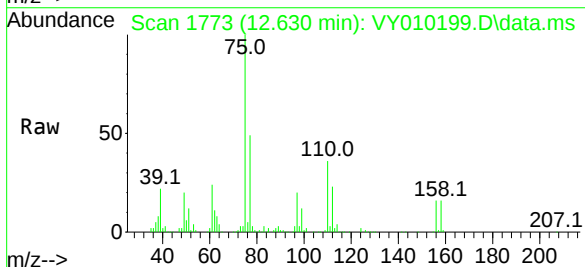
Acq: 25 Aug 2022 11:19

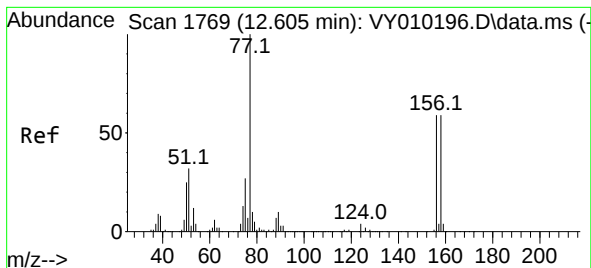
Tgt Ion: 75 Resp: 154643

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.662 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

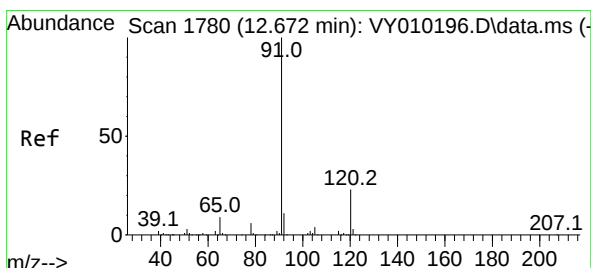
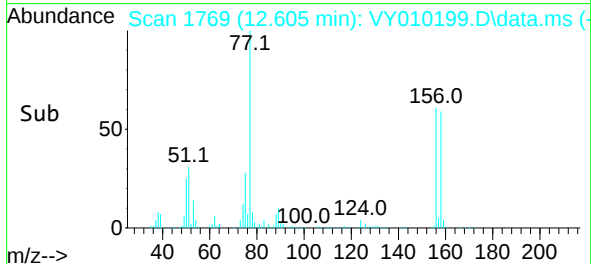
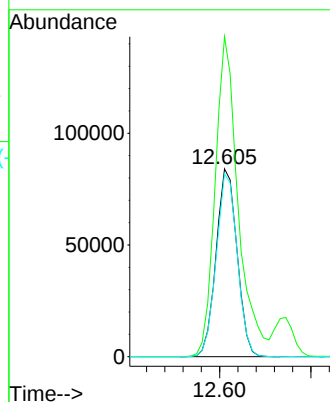
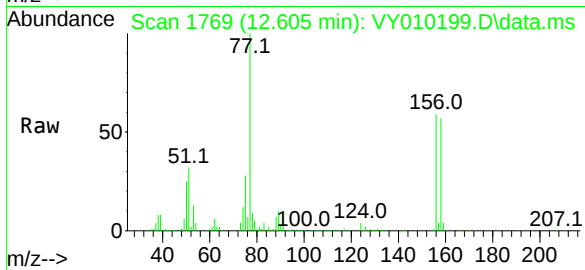
Tgt Ion:156 Resp: 134074

Ion Ratio Lower Upper

156 100

77 187.0 95.5 286.4

158 97.5 48.0 144.0



#78

n-propylbenzene

Concen: 53.646 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY010199.D

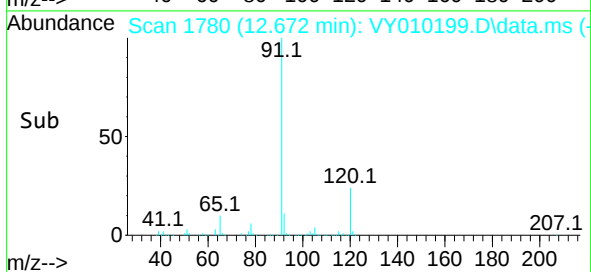
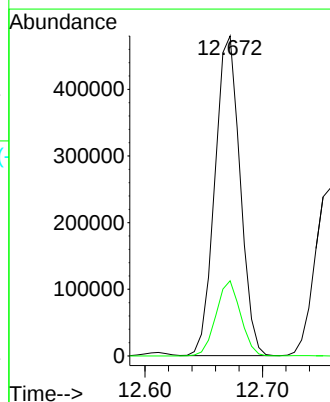
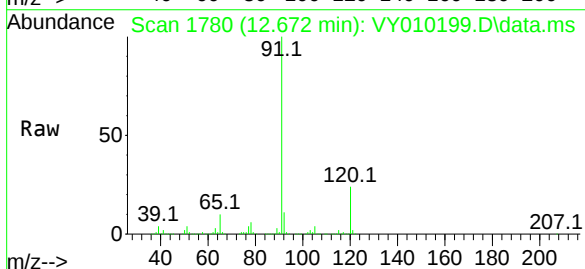
Acq: 25 Aug 2022 11:19

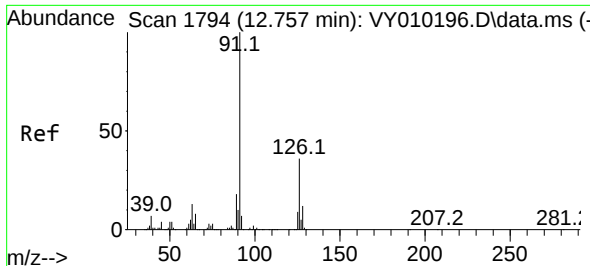
Tgt Ion: 91 Resp: 715106

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.9

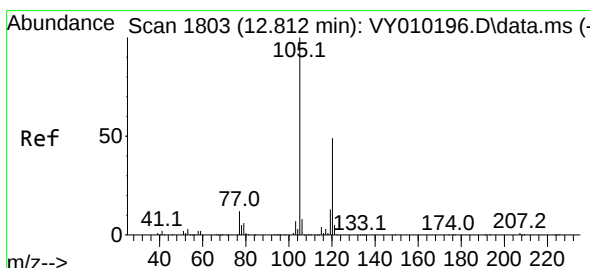
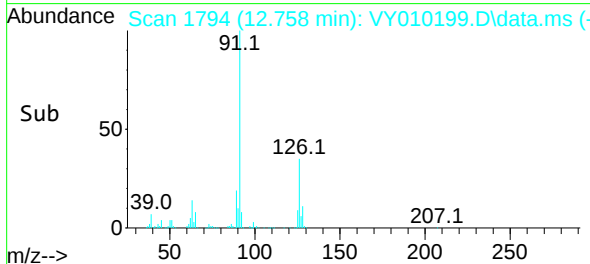
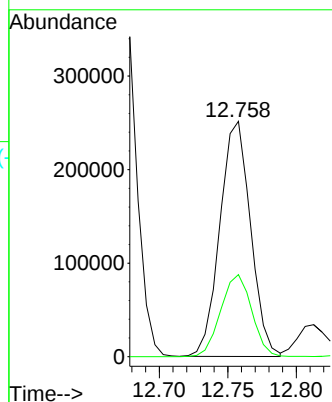
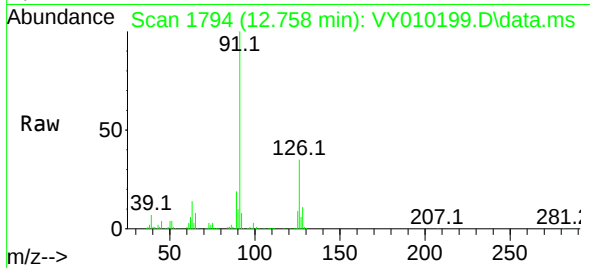




#79
2-Chlorotoluene
Concen: 52.236 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

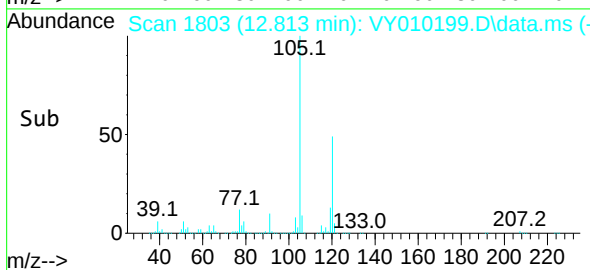
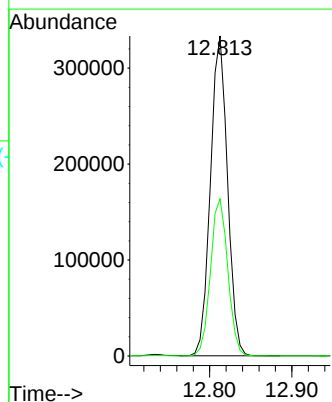
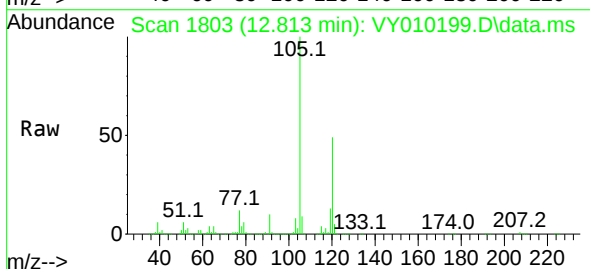
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

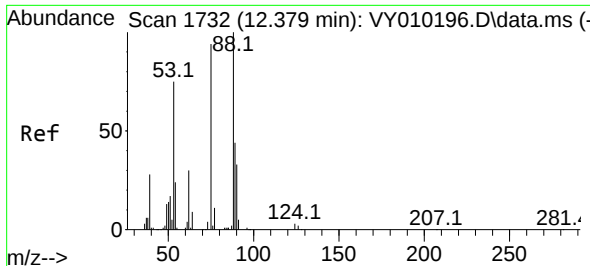
Tgt Ion: 91 Resp: 391937
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 52.878 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion: 105 Resp: 481563
Ion Ratio Lower Upper
105 100
120 49.8 24.4 73.4

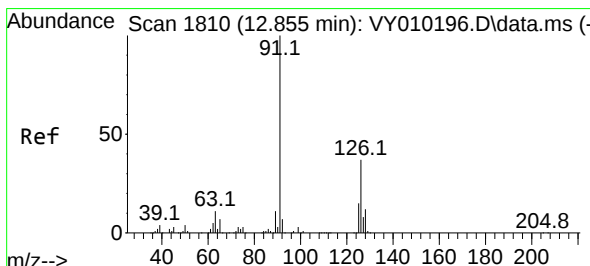
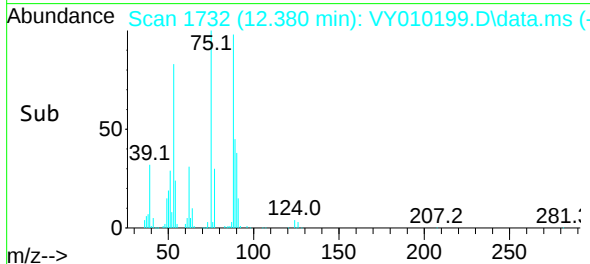
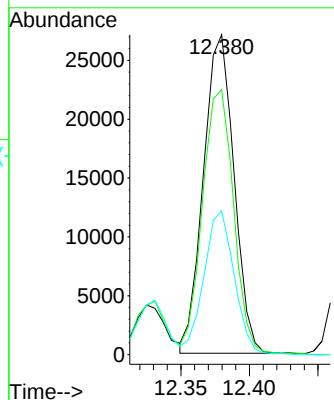
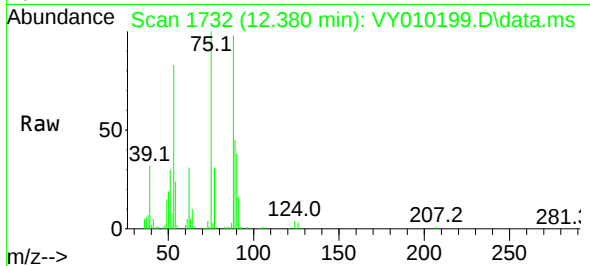




#81
trans-1,4-Dichloro-2-butene
Concen: 52.123 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

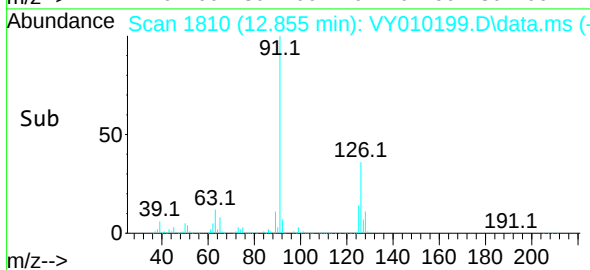
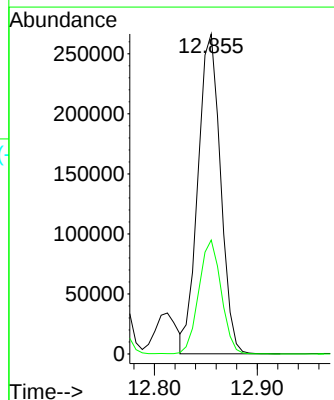
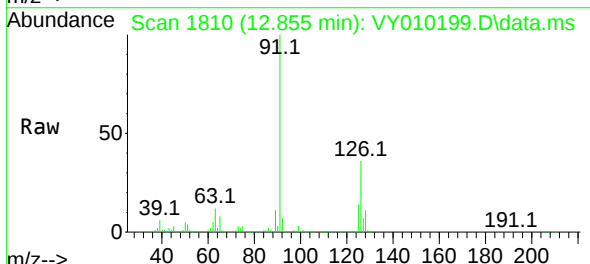
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

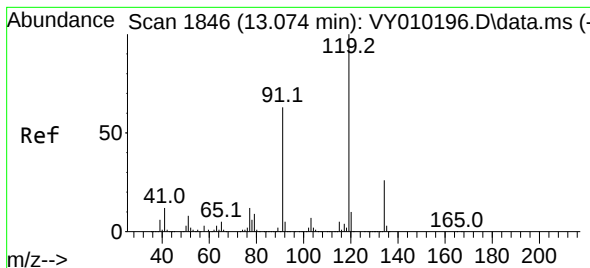
Tgt Ion: 75 Resp: 41936
Ion Ratio Lower Upper
75 100
53 85.4 85.3 127.9
89 45.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 51.799 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion: 91 Resp: 406480
Ion Ratio Lower Upper
91 100
126 35.4 17.0 51.0





#83

tert-Butylbenzene

Concen: 53.545 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

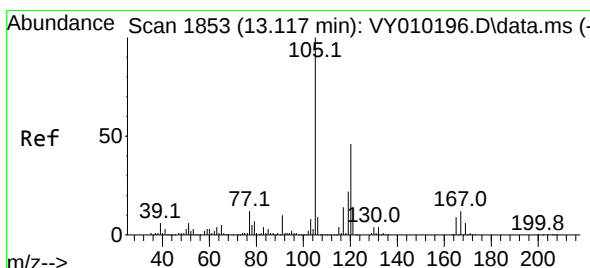
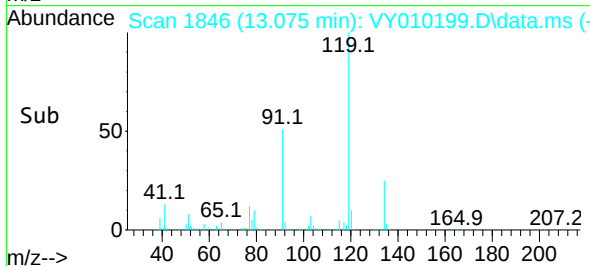
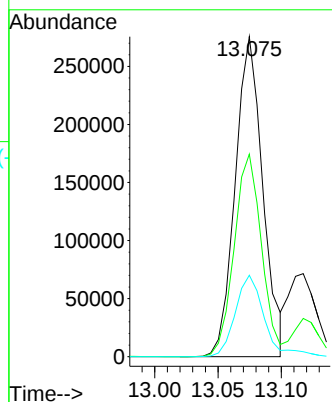
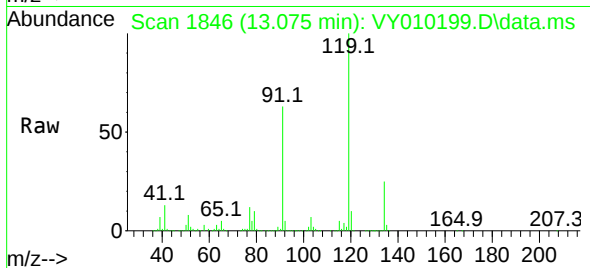
Tgt Ion:119 Resp: 418974

Ion Ratio Lower Upper

119 100

91 62.5 34.8 104.4

134 26.7 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 52.654 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010199.D

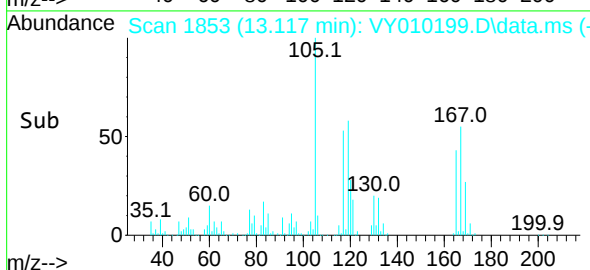
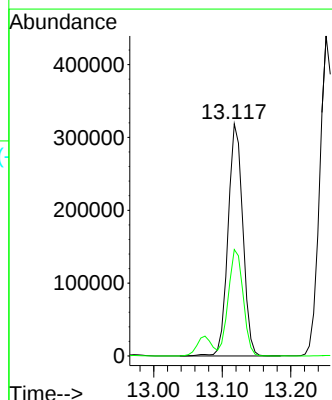
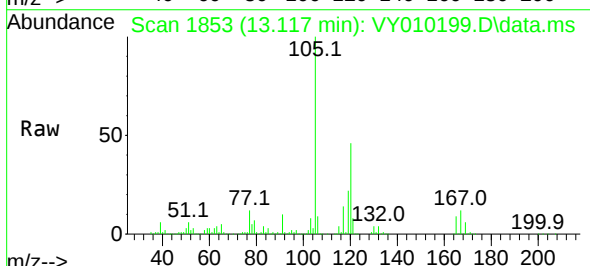
Acq: 25 Aug 2022 11:19

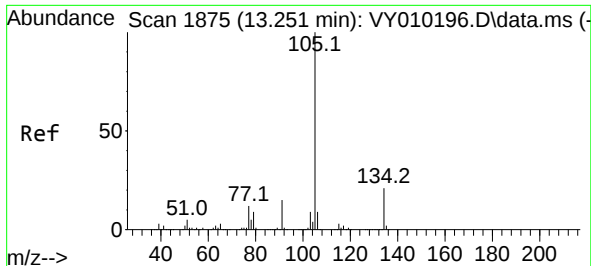
Tgt Ion:105 Resp: 474402

Ion Ratio Lower Upper

105 100

120 46.1 22.3 66.9

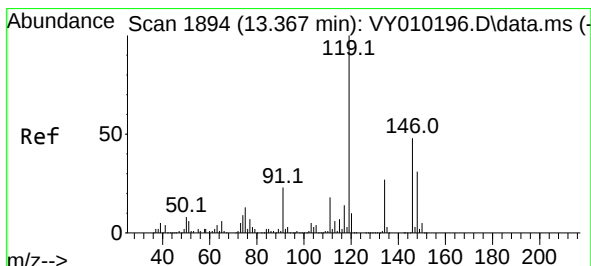
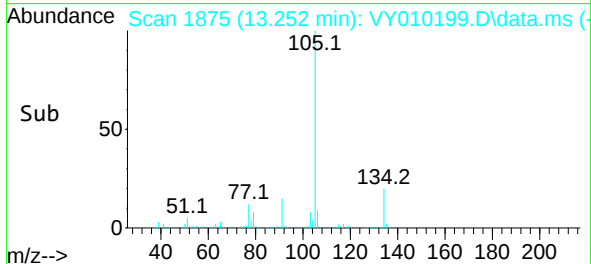
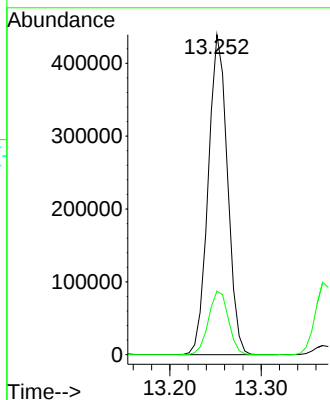
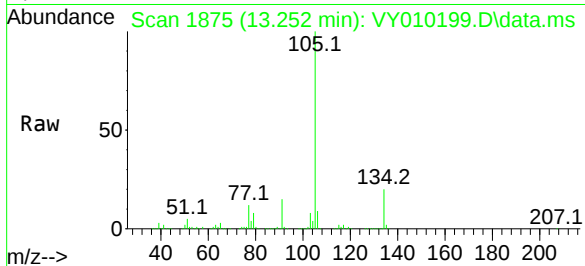




#85
 sec-Butylbenzene
 Concen: 53.823 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. 0.001 min
 Lab File: VY010199.D
 Acq: 25 Aug 2022 11:19

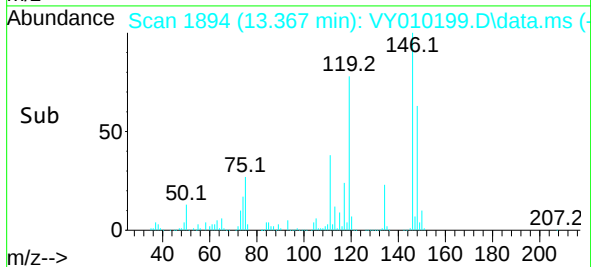
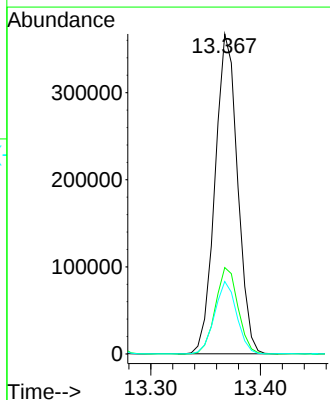
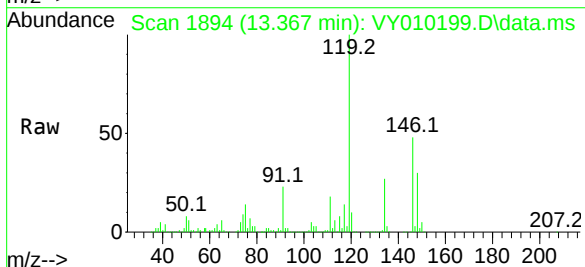
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

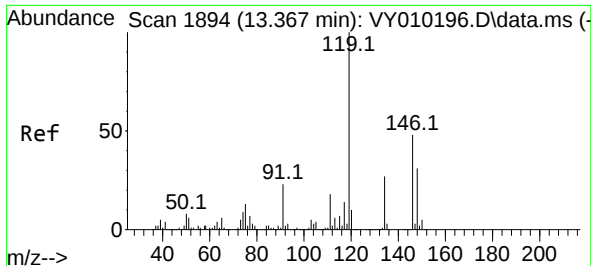
Tgt Ion:105 Resp: 641188
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 53.988 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY010199.D
 Acq: 25 Aug 2022 11:19

Tgt Ion:119 Resp: 524534
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.2 39.5
 91 22.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.075 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

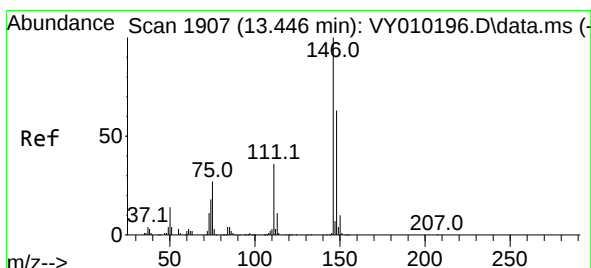
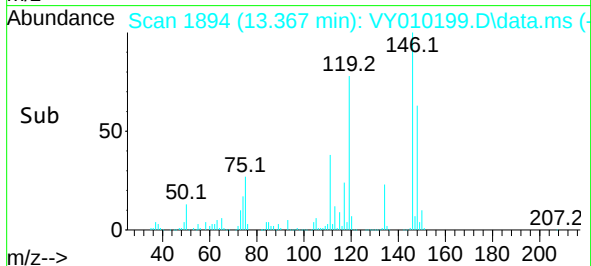
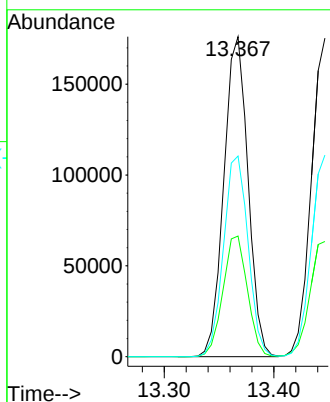
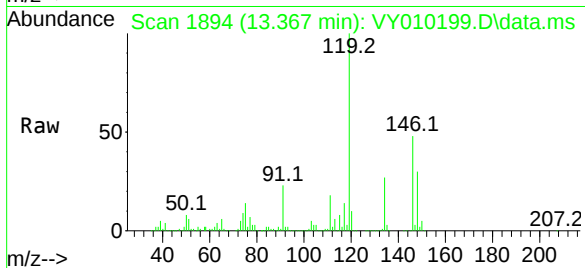
Tgt Ion:146 Resp: 269792

Ion Ratio Lower Upper

146 100

111 38.3 19.5 58.5

148 63.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 48.880 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

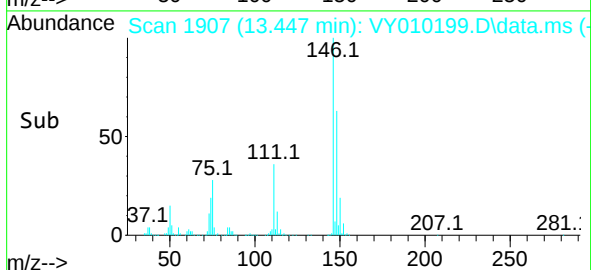
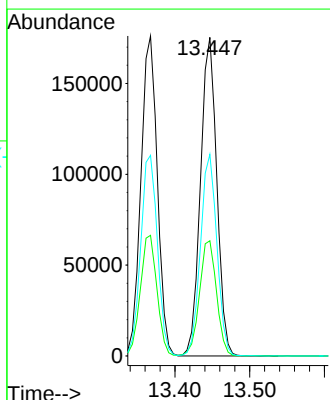
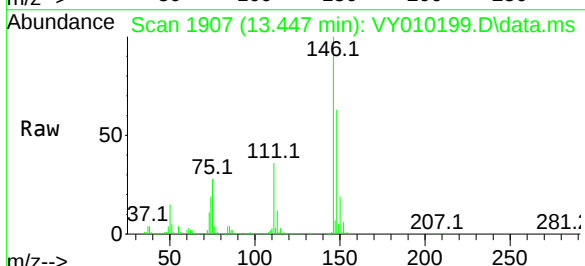
Tgt Ion:146 Resp: 265588

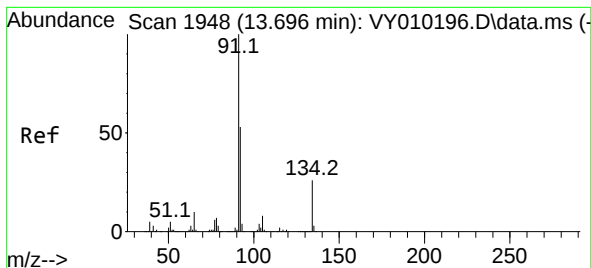
Ion Ratio Lower Upper

146 100

111 37.7 19.3 57.8

148 63.9 32.6 97.8





#89

n-Butylbenzene

Concen: 53.592 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

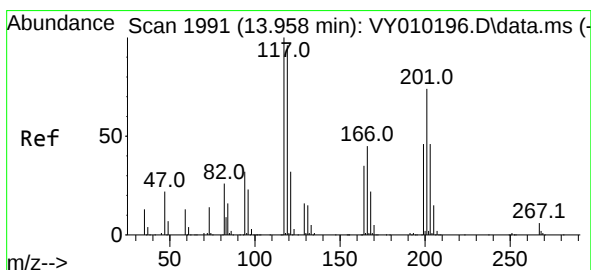
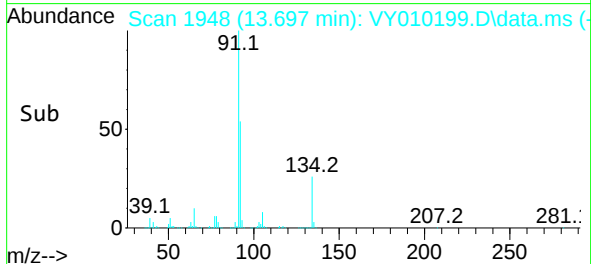
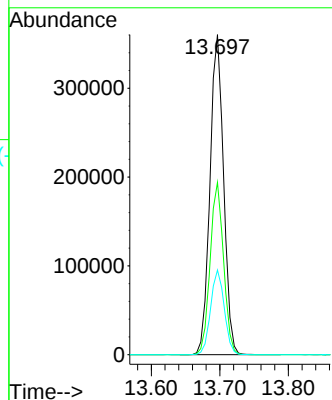
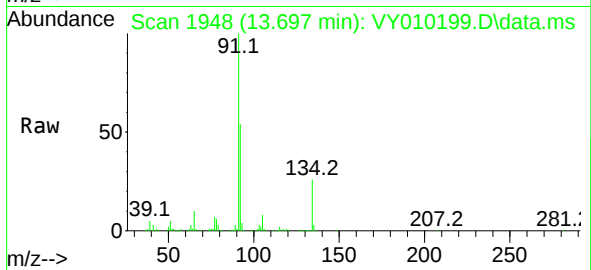
Tgt Ion: 91 Resp: 499572

Ion Ratio Lower Upper

91 100

92 53.1 26.3 78.9

134 26.5 13.0 38.9



#90

Hexachloroethane

Concen: 49.740 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY010199.D

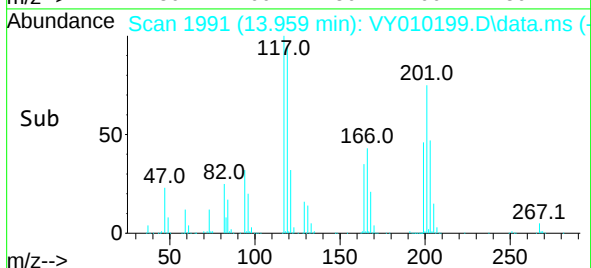
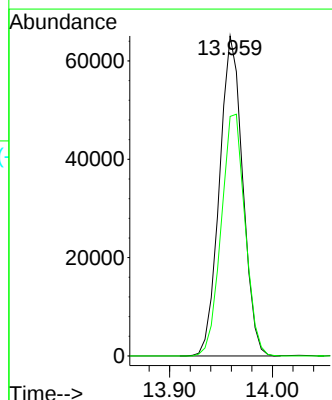
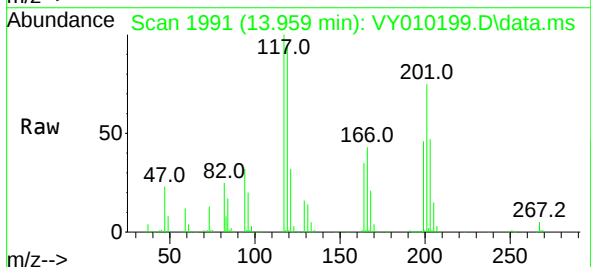
Acq: 25 Aug 2022 11:19

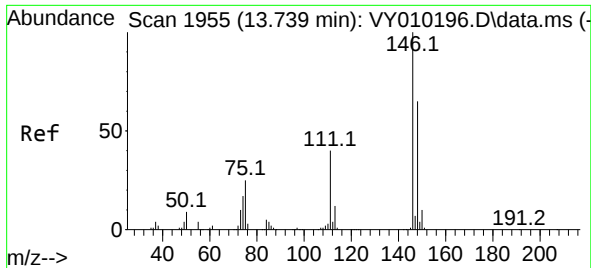
Tgt Ion: 117 Resp: 102003

Ion Ratio Lower Upper

117 100

201 77.6 43.0 128.8

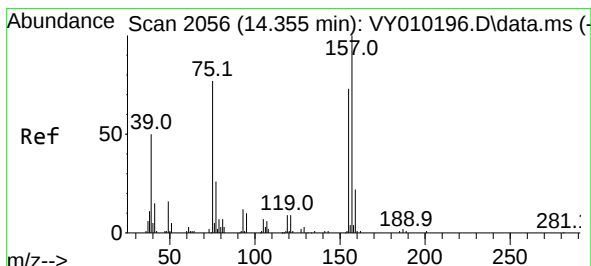
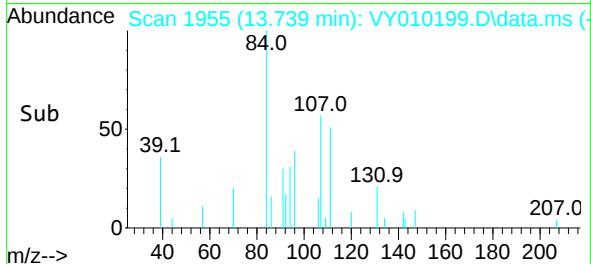
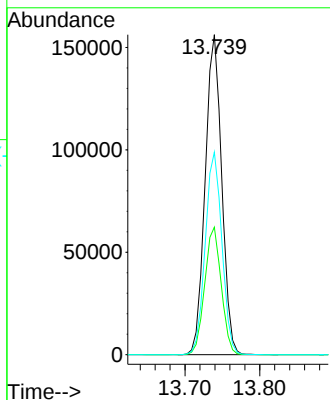
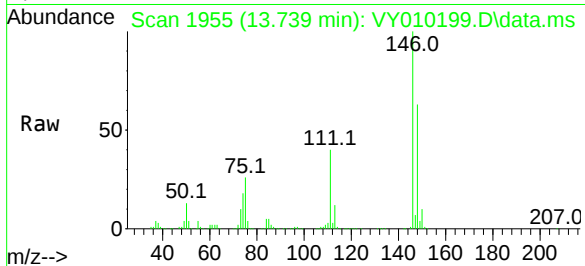




#91
1,2-Dichlorobenzene
Concen: 49.788 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

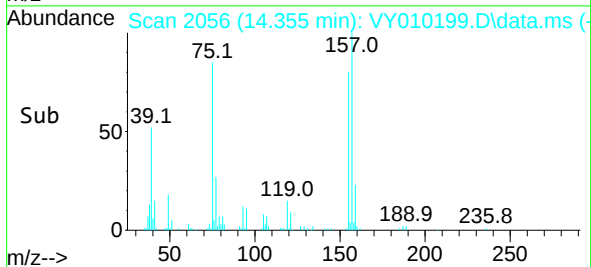
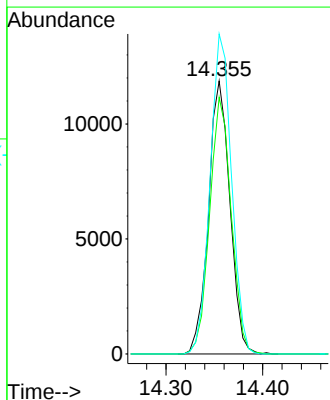
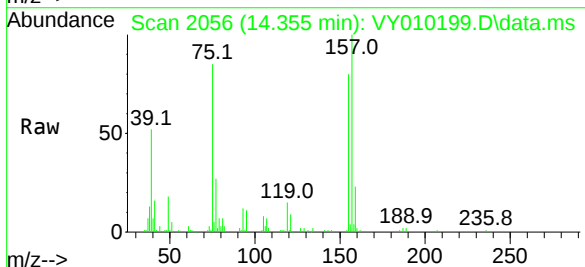
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

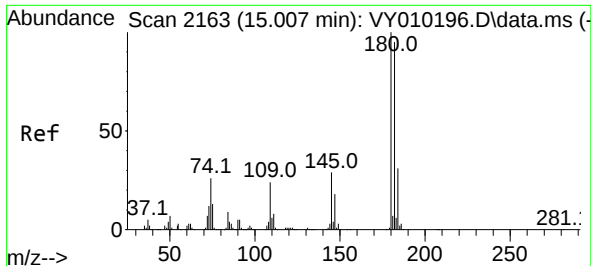
Tgt Ion:146 Resp: 239848
Ion Ratio Lower Upper
146 100
111 39.9 20.3 60.9
148 63.9 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.638 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY010199.D
Acq: 25 Aug 2022 11:19

Tgt Ion: 75 Resp: 18281
Ion Ratio Lower Upper
75 100
155 94.4 38.0 113.9
157 117.5 47.8 143.3

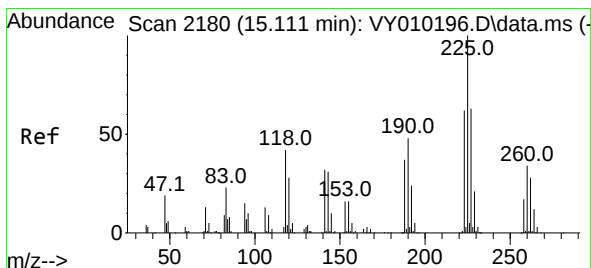
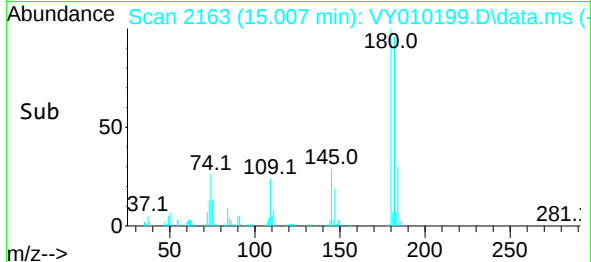
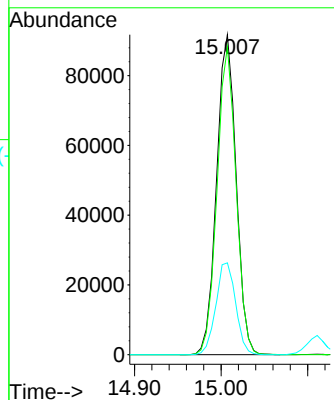
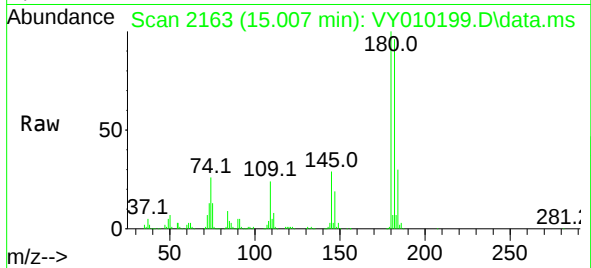




#93
 1,2,4-Trichlorobenzene
 Concen: 49.483 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY010199.D
 Acq: 25 Aug 2022 11:19

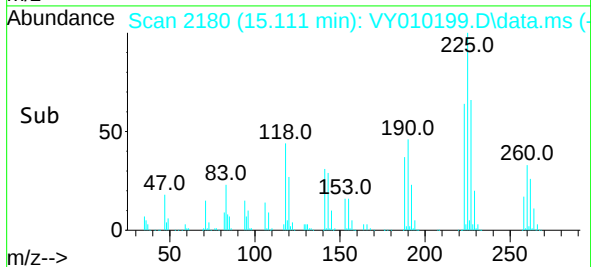
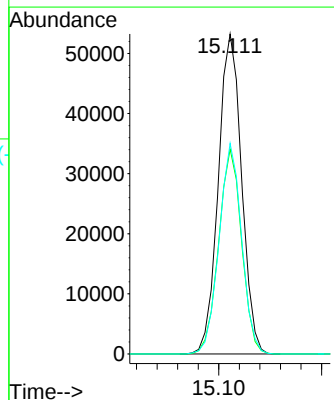
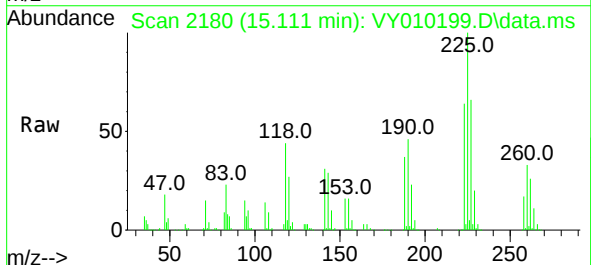
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

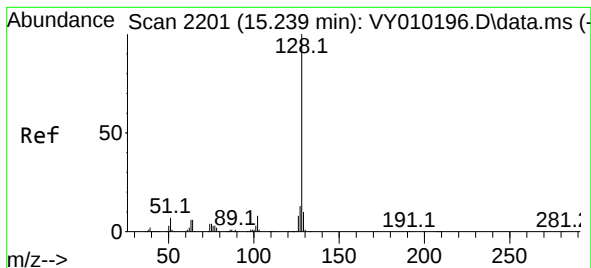
Tgt Ion:180 Resp: 143294
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.3 141.9
 145 29.2 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 62.045 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. -0.000 min
 Lab File: VY010199.D
 Acq: 25 Aug 2022 11:19

Tgt Ion:225 Resp: 83635
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.8 92.3
 227 63.8 31.6 94.7





#95

Naphthalene

Concen: 48.647 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

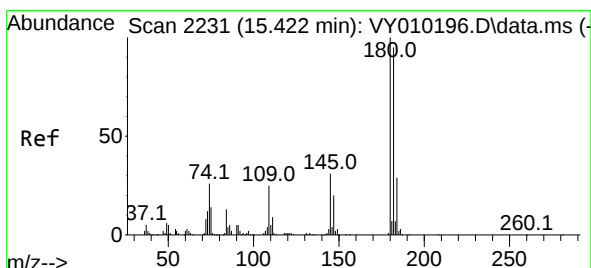
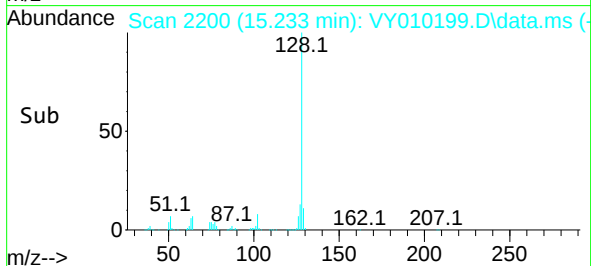
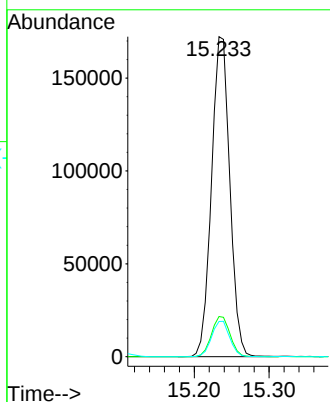
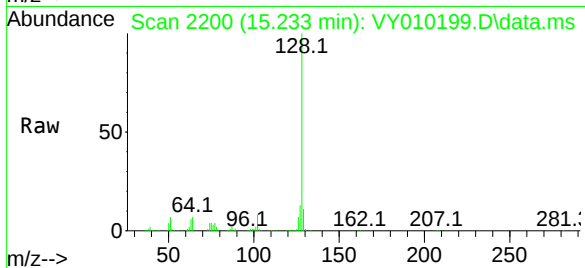
Tgt Ion:128 Resp: 294019

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 48.837 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010199.D

Acq: 25 Aug 2022 11:19

Tgt Ion:180 Resp: 124181

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.9

145 31.1 15.3 45.9

