

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009304.D
 Acq On : 23 Jun 2022 19:04
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 24 09:24:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	141369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	231662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	213914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109258	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80511	51.855	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.720%	
35) Dibromofluoromethane	7.716	113	78532	52.344	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.680%	
50) Toluene-d8	10.179	98	296299	51.411	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.820%	
62) 4-Bromofluorobenzene	12.477	95	108869	53.757	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	41507	40.072	ug/l	99
3) Chloromethane	2.107	50	54940	43.219	ug/l	98
4) Vinyl Chloride	2.247	62	66161	46.858	ug/l	97
5) Bromomethane	2.637	94	37122	37.703	ug/l	99
6) Chloroethane	2.790	64	34744	36.959	ug/l	98
7) Trichlorofluoromethane	3.119	101	93027	41.507	ug/l	92
8) Diethyl Ether	3.521	74	28432	34.546	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.887	101	64943	45.570	ug/l	96
10) Methyl Iodide	4.082	142	79553	45.710	ug/l	91
11) Tert butyl alcohol	4.948	59	46944	232.445	ug/l	99
12) 1,1-Dichloroethene	3.863	96	59276	43.768	ug/l	80
13) Acrolein	3.723	56	17606	225.654	ug/l	100
14) Allyl chloride	4.472	41	119566	49.147	ug/l	94
15) Acrylonitrile	5.161	53	120290	262.084	ug/l	98
16) Acetone	3.936	43	88298	230.175	ug/l	95
17) Carbon Disulfide	4.186	76	149420	39.715	ug/l	97
18) Methyl Acetate	4.472	43	56377	52.979	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	211197	51.880	ug/l	98
20) Methylene Chloride	4.710	84	80348	41.076	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	75361	46.953	ug/l	87
22) Diisopropyl ether	6.112	45	288023	56.321	ug/l	95
23) Vinyl Acetate	6.051	43	924658	294.489	ug/l	97
24) 1,1-Dichloroethane	6.009	63	150180	51.878	ug/l	99
25) 2-Butanone	6.978	43	163715	264.270	ug/l	93
26) 2,2-Dichloropropane	6.972	77	126838	46.606	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	95642	50.827	ug/l	91
28) Bromochloromethane	7.326	49	71030	56.867	ug/l	92
29) Tetrahydrofuran	7.344	42	110425	281.469	ug/l	93
30) Chloroform	7.502	83	153474	51.504	ug/l	100
31) Cyclohexane	7.777	56	121591	45.115	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	131459	50.533	ug/l	98
36) 1,1-Dichloropropene	7.917	75	111071	48.646	ug/l	98
37) Ethyl Acetate	7.063	43	72839	52.757	ug/l	95
38) Carbon Tetrachloride	7.899	117	118551	49.935	ug/l	99
39) Methylcyclohexane	9.179	83	132417	47.266	ug/l	92
40) Benzene	8.155	78	338686	50.141	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	101602	132.726	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	100443	51.823	ug/l	92
43) Isopropyl Acetate	8.271	43	137950	54.524	ug/l	94
44) Trichloroethene	8.935	130	92532	48.645	ug/l	96
45) 1,2-Dichloropropane	9.209	63	90277	51.878	ug/l	99
46) Dibromomethane	9.301	93	50321	50.853	ug/l	98
47) Bromodichloromethane	9.496	83	121220	51.587	ug/l	98
48) Methyl methacrylate	9.289	41	59821	53.943	ug/l #	89
49) 1,4-Dioxane	9.295	88	14933	1050.152	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	365814	277.975	ug/l	92
52) Toluene	10.240	92	220153	51.561	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	128967	52.784	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	143579	51.629	ug/l	89
55) 1,1,2-Trichloroethane	10.642	97	75871	54.625	ug/l	98
56) Ethyl methacrylate	10.508	69	103320	56.233	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	126121	53.065	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	203601	258.301	ug/l	97
59) 2-Hexanone	10.831	43	250499	281.267	ug/l	90
60) Dibromochloromethane	10.983	129	90473	53.409	ug/l	99
61) 1,2-Dibromoethane	11.087	107	71426	52.742	ug/l	99
64) Tetrachloroethene	10.715	164	102154	49.497	ug/l	100
65) Chlorobenzene	11.514	112	243656	50.562	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	91775	52.088	ug/l	97
67) Ethyl Benzene	11.587	91	425606	50.961	ug/l	99
68) m/p-Xylenes	11.697	106	325736	99.397	ug/l	94
69) o-Xylene	12.026	106	157256	50.460	ug/l	93
70) Styrene	12.044	104	269928	52.228	ug/l	95
71) Bromoform	12.203	173	56965	52.307	ug/l #	99
73) Isopropylbenzene	12.325	105	420044	49.004	ug/l	100
74) N-amyl acetate	12.142	43	113367	49.514	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	83725	51.338	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	113079	88.278	ug/l #	100
77) Bromobenzene	12.605	156	100698	48.365	ug/l	94
78) n-propylbenzene	12.666	91	502880	48.692	ug/l	97
79) 2-Chlorotoluene	12.758	91	286911	49.320	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	346411	48.681	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	29396	48.659	ug/l	86
82) 4-Chlorotoluene	12.855	91	289547	47.720	ug/l	96
83) tert-Butylbenzene	13.075	119	307993	49.629	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	341699	49.001	ug/l	97
85) sec-Butylbenzene	13.251	105	456614	49.152	ug/l	99
86) p-Isopropyltoluene	13.367	119	376727	48.792	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	194486	48.326	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	194825	48.248	ug/l	100
89) n-Butylbenzene	13.696	91	354632	49.319	ug/l	98
90) Hexachloroethane	13.959	117	73164	49.954	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	180516	49.924	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14382	49.510	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	111284	50.306	ug/l	99
94) Hexachlorobutadiene	15.111	225	62145	52.214	ug/l	98
95) Naphthalene	15.233	128	239665	54.006	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	97692	51.669	ug/l	99

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QLast Update : Tue Jun 21 14:08:27 2022
Response via : Initial Calibration

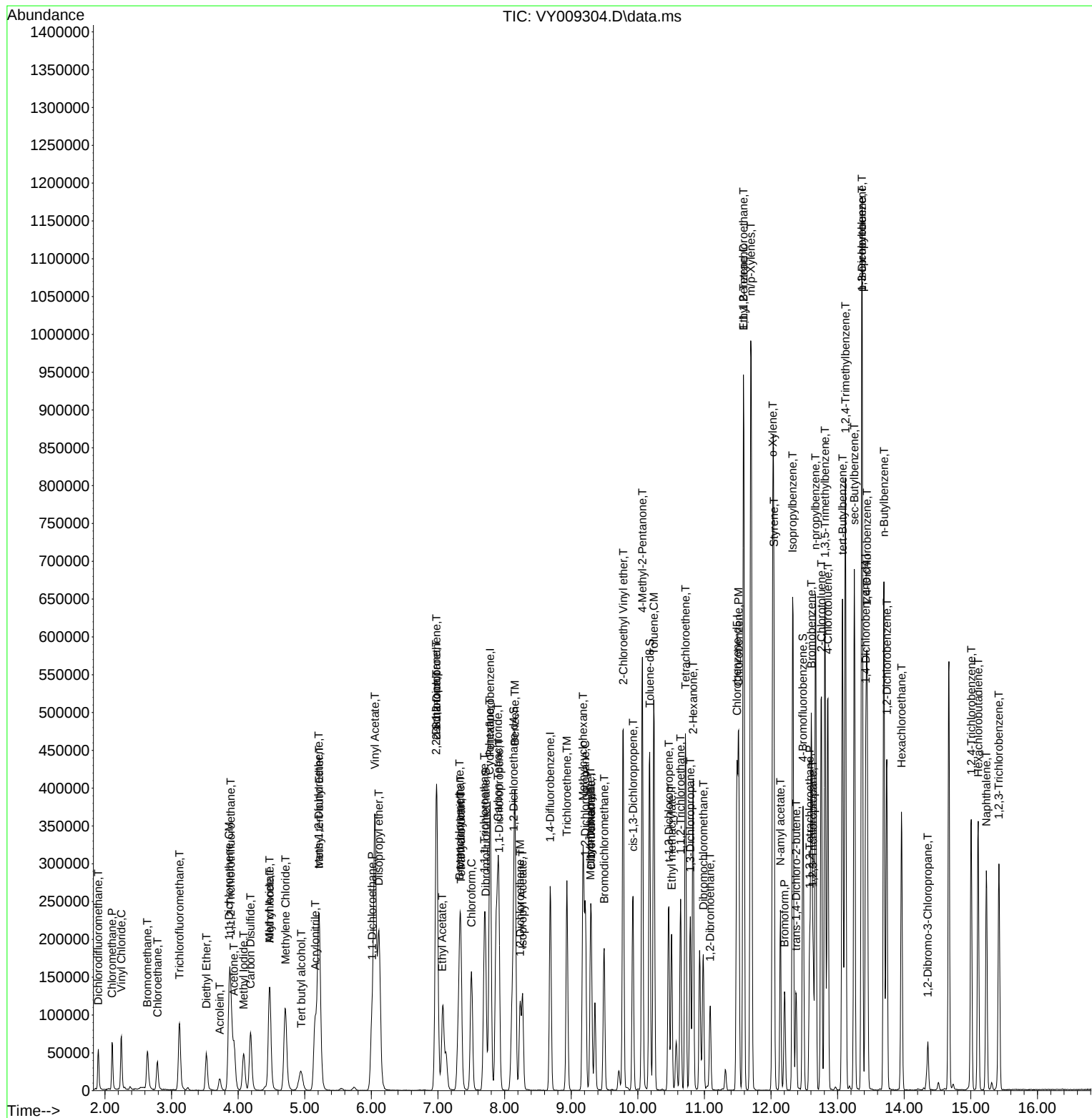
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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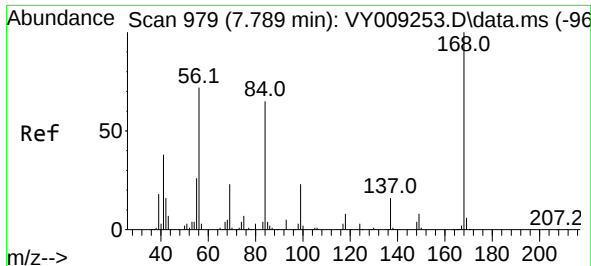
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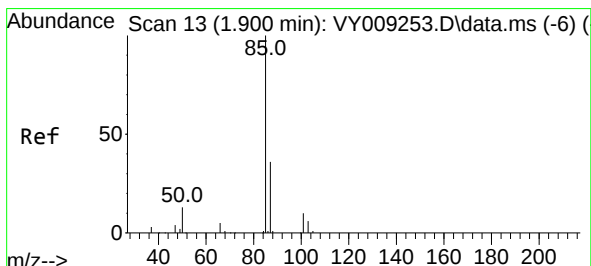
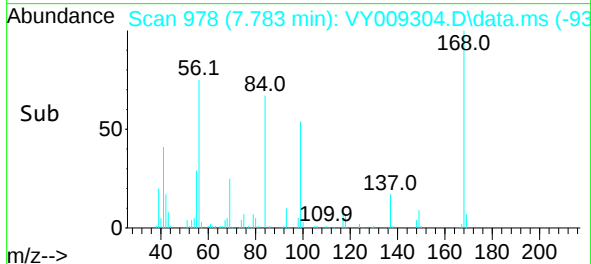
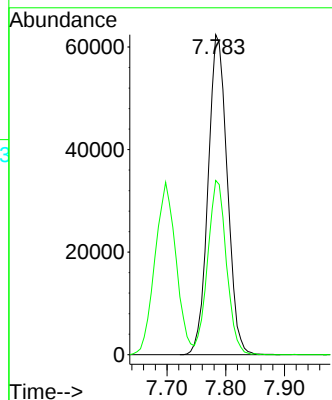
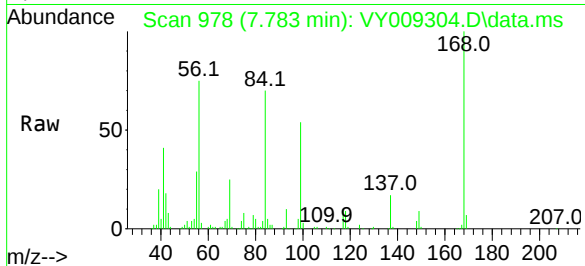




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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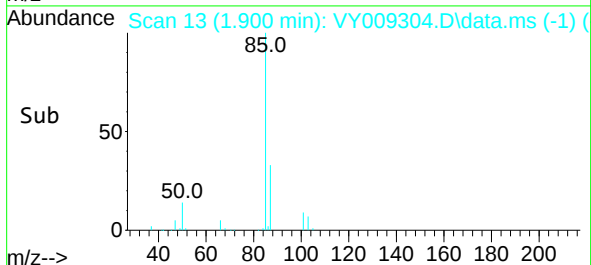
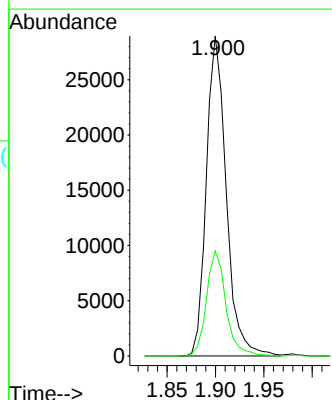
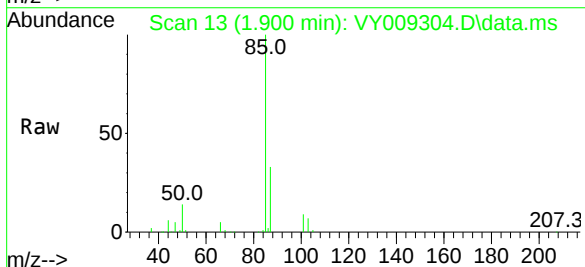
Instrument :
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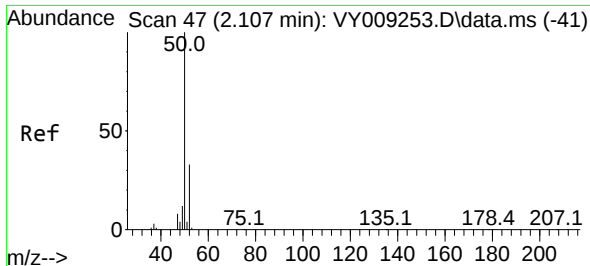
Tgt Ion:168 Resp: 141369
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 40.072 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 85 Resp: 41507
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.2

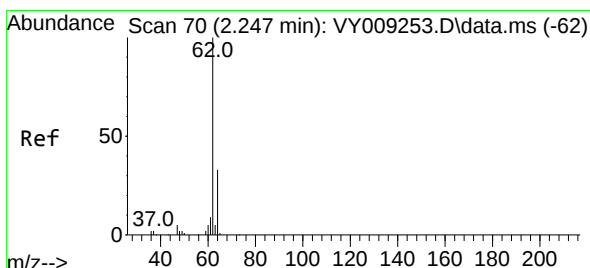
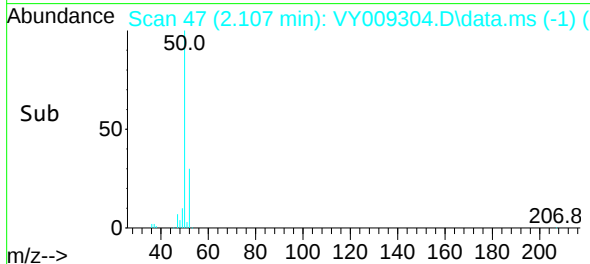
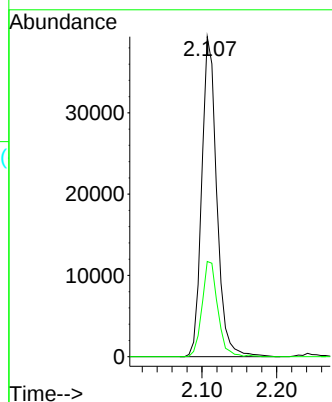
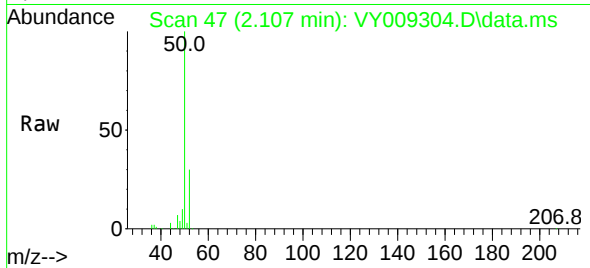




#3
Chloromethane
Concen: 43.219 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

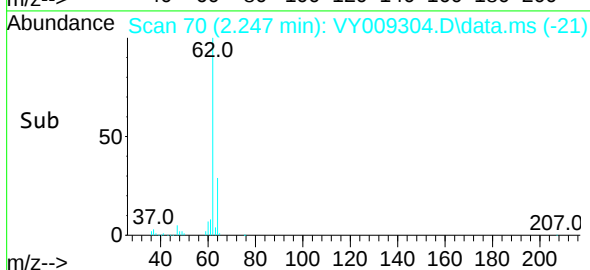
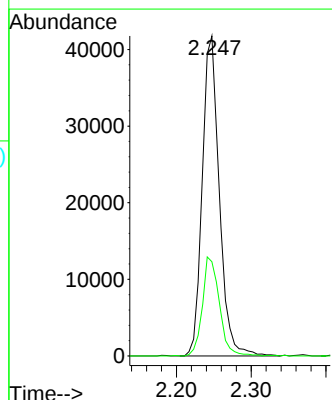
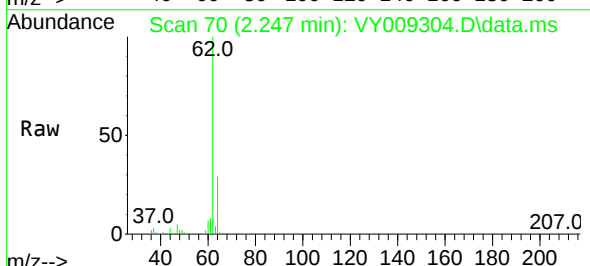
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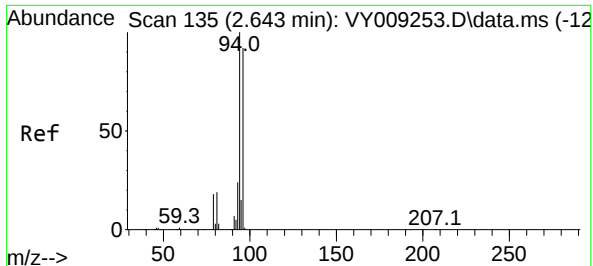
Tgt Ion: 50 Resp: 54940
Ion Ratio Lower Upper
50 100
52 29.8 24.6 37.0



#4
Vinyl Chloride
Concen: 46.858 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 62 Resp: 66161
Ion Ratio Lower Upper
62 100
64 29.5 25.0 37.6

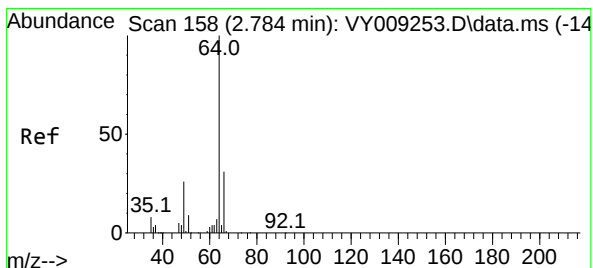
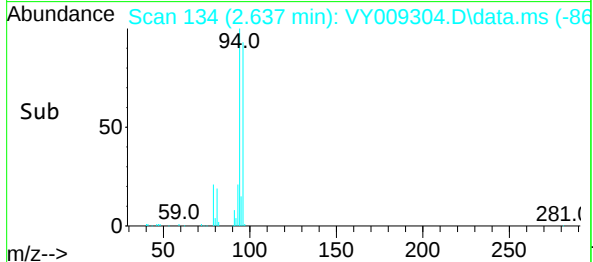
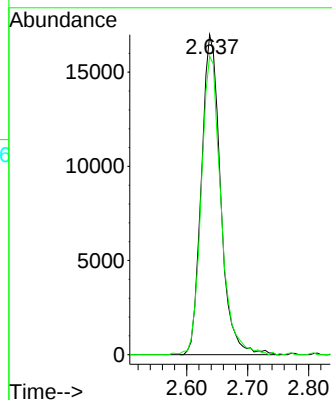
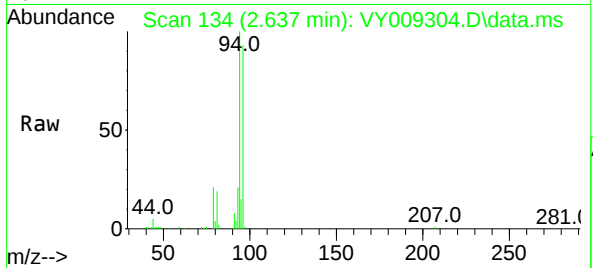




#5
Bromomethane
Concen: 37.703 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009304.D
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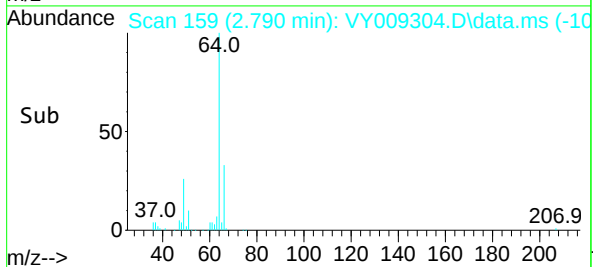
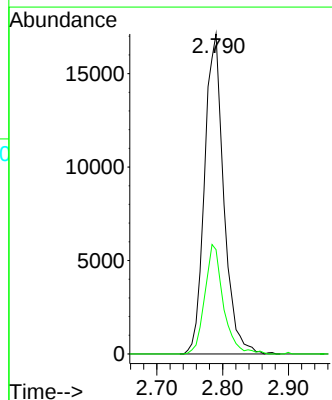
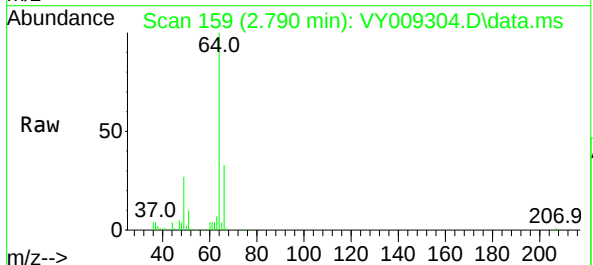
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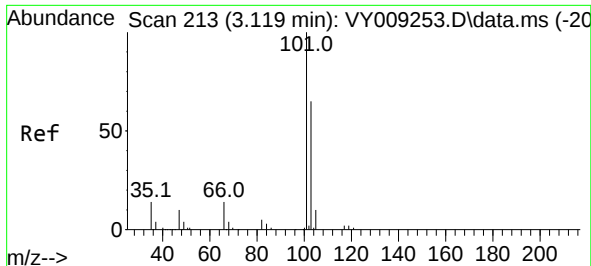
Tgt Ion: 94 Resp: 37122
Ion Ratio Lower Upper
94 100
96 93.0 73.5 110.3



#6
Chloroethane
Concen: 36.959 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 64 Resp: 34744
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.0

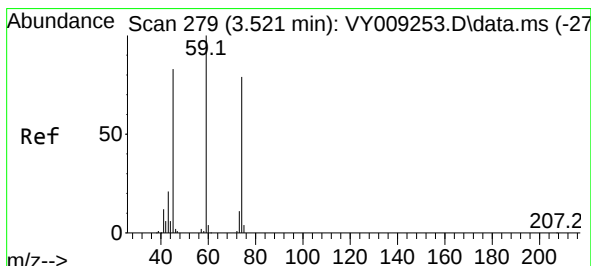
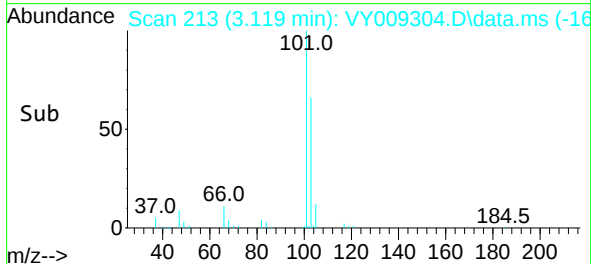
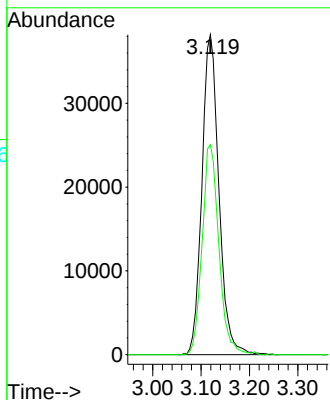
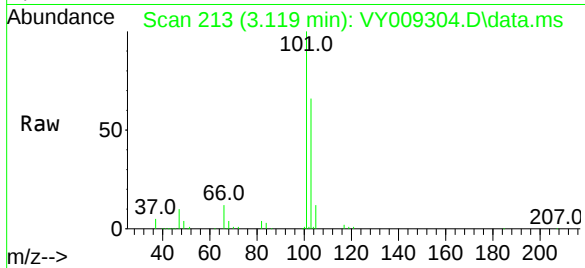




#7
 Trichlorofluoromethane
 Concen: 41.507 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY009304.D
 Acq: 23 Jun 2022 19:04

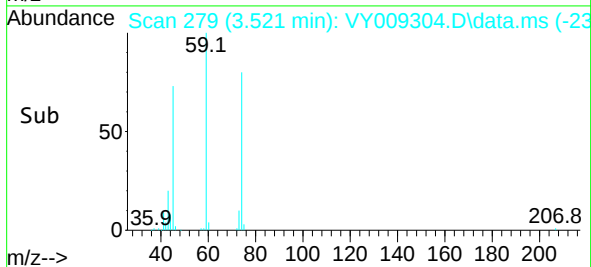
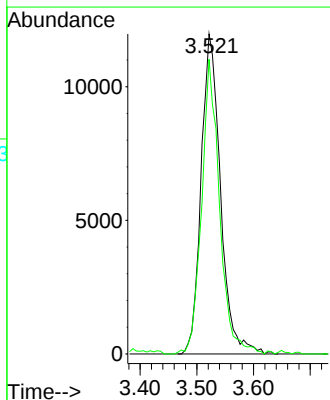
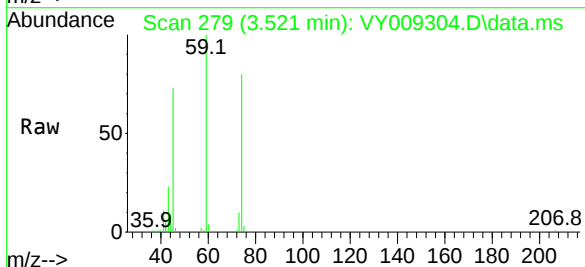
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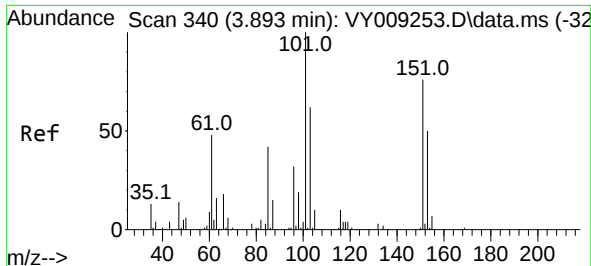
Tgt Ion:101 Resp: 93027
 Ion Ratio Lower Upper
 101 100
 103 65.7 48.0 72.0



#8
 Diethyl Ether
 Concen: 34.546 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY009304.D
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Tgt Ion: 74 Resp: 28432
 Ion Ratio Lower Upper
 74 100
 45 85.2 55.1 165.5

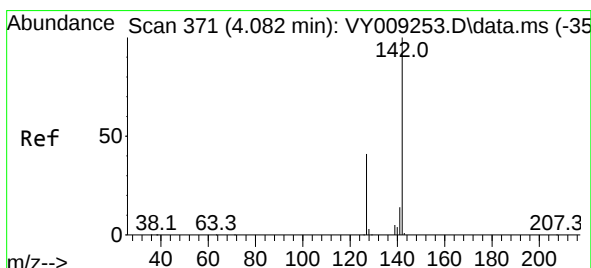
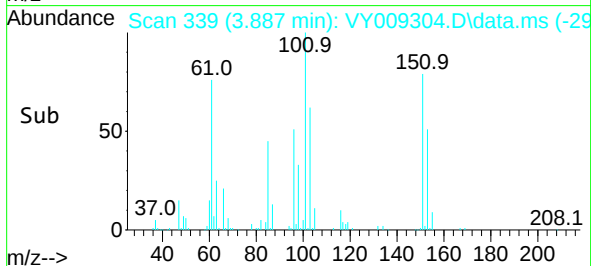
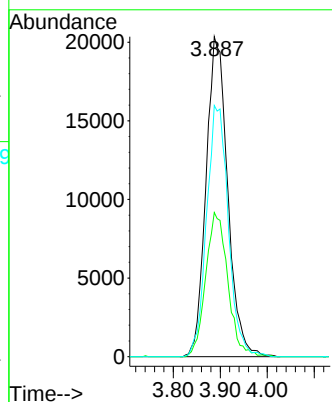
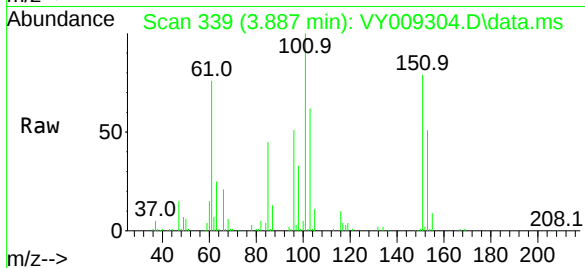




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.570 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

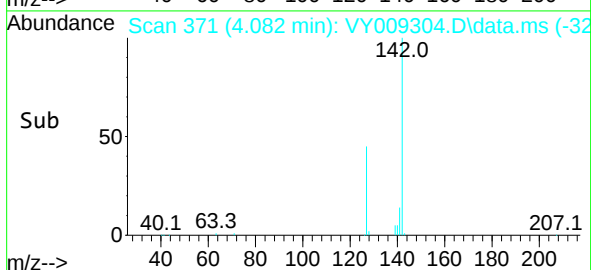
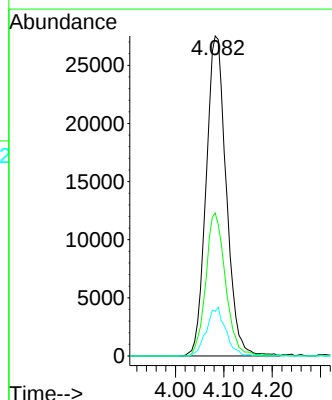
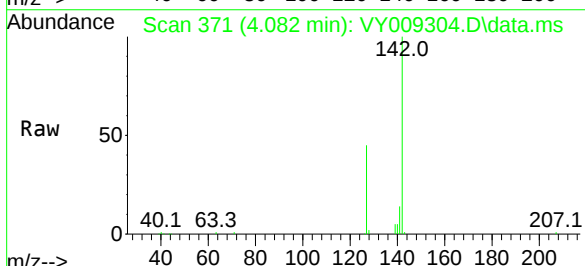
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

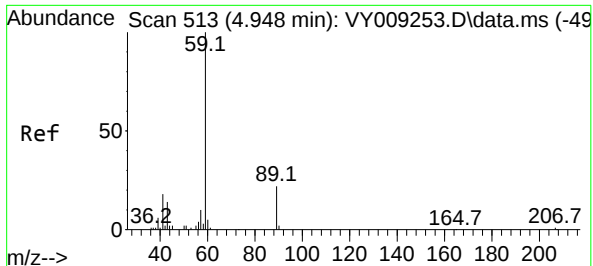
Tgt Ion:101 Resp: 64943
Ion Ratio Lower Upper
101 100
85 45.9 40.6 60.8
151 79.1 64.9 97.3



#10
Methyl Iodide
Concen: 45.710 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion:142 Resp: 79553
Ion Ratio Lower Upper
142 100
127 43.6 41.5 62.3
141 14.6 11.9 17.9

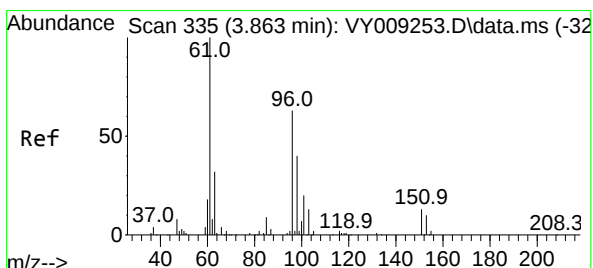
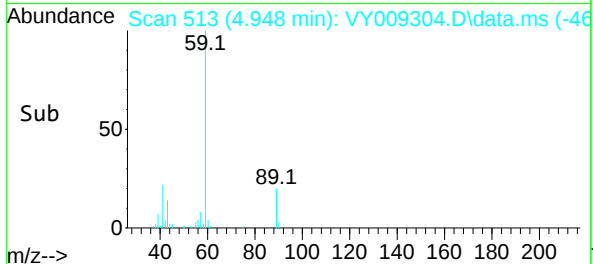
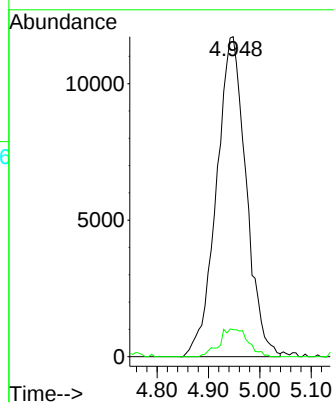
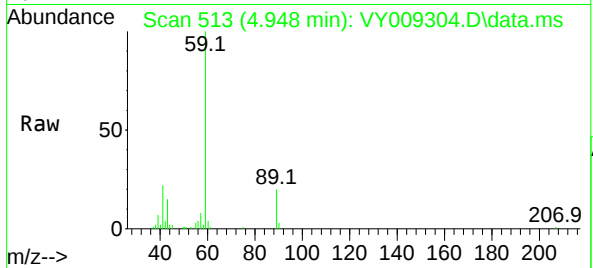




#11
Tert butyl alcohol
Concen: 232.445 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

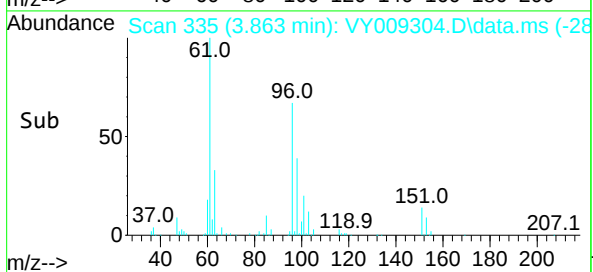
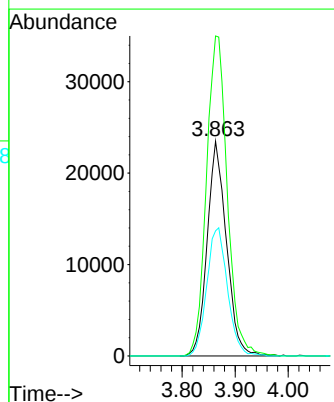
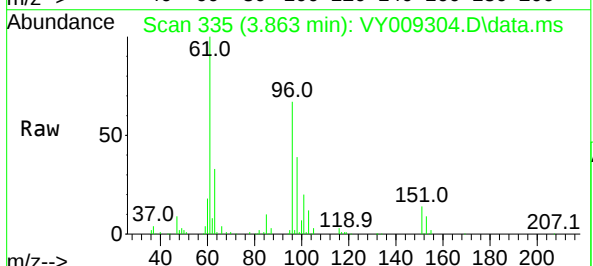
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

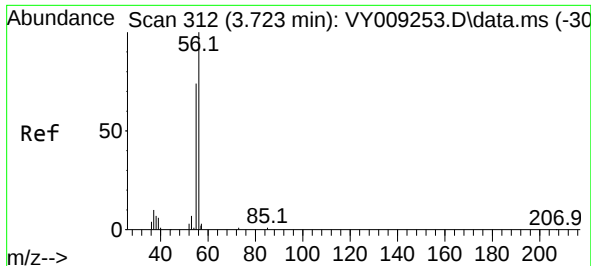
Tgt Ion: 59 Resp: 46944
Ion Ratio Lower Upper
59 100
57 8.4 6.4 9.6



#12
1,1-Dichloroethene
Concen: 43.768 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 96 Resp: 59276
Ion Ratio Lower Upper
96 100
61 149.0 145.8 218.6
98 58.3 52.5 78.7

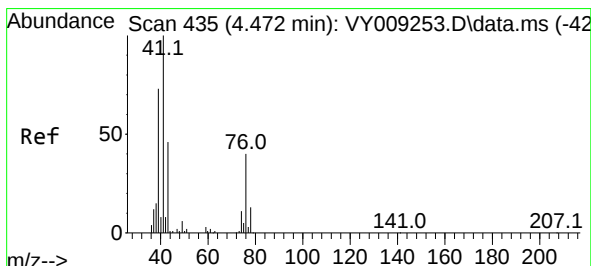
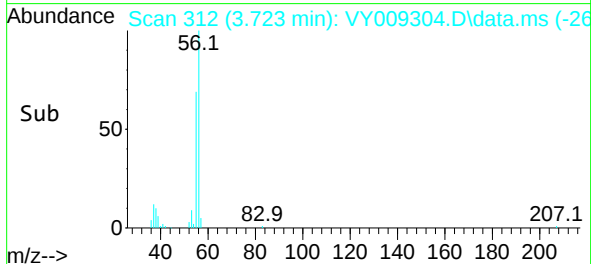
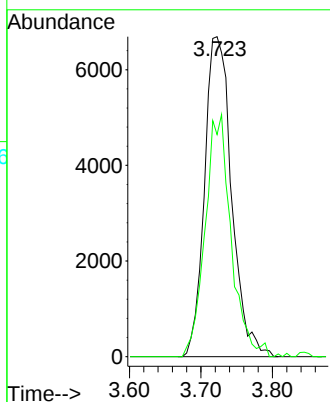
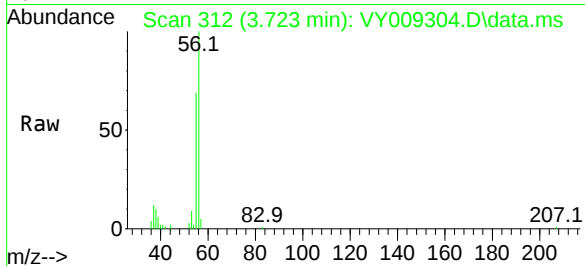




#13
Acrolein
Concen: 225.654 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

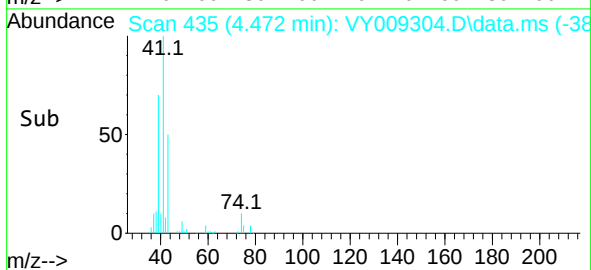
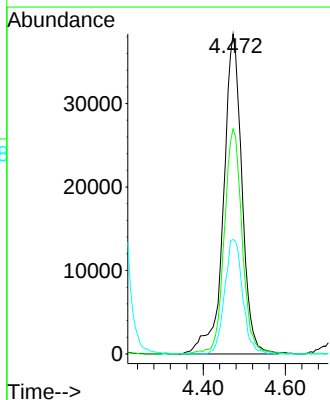
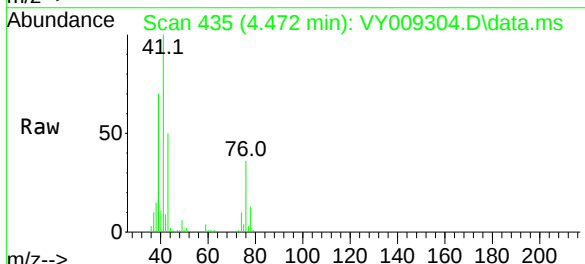
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

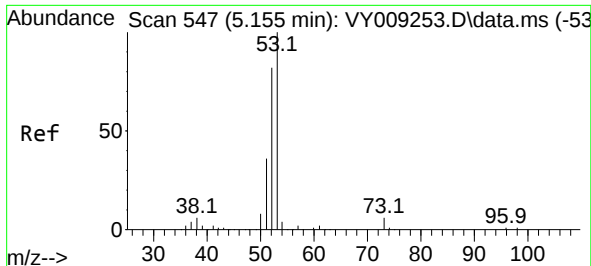
Tgt Ion: 56 Resp: 17606
Ion Ratio Lower Upper
56 100
55 72.4 57.6 86.4



#14
Allyl chloride
Concen: 49.147 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 41 Resp: 119566
Ion Ratio Lower Upper
41 100
39 68.2 58.8 88.2
76 34.9 25.1 37.7

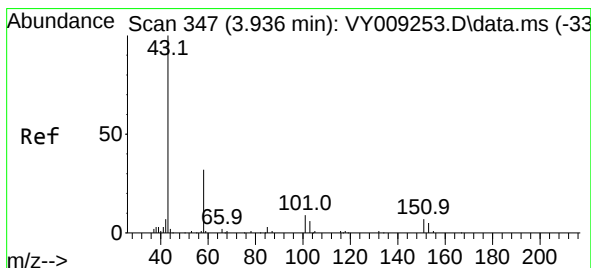
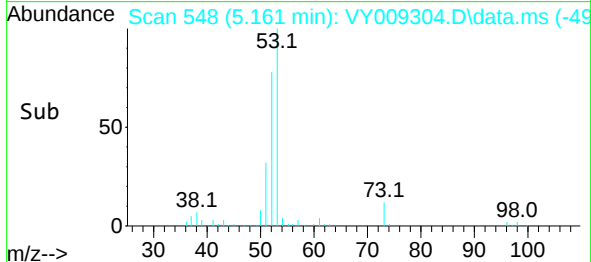
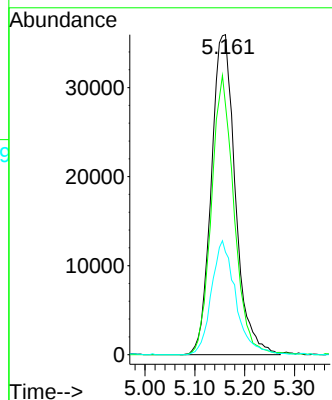
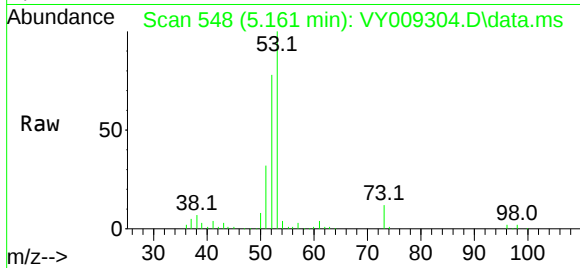




#15
Acrylonitrile
Concen: 262.084 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

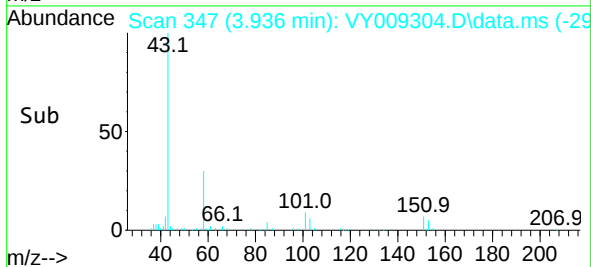
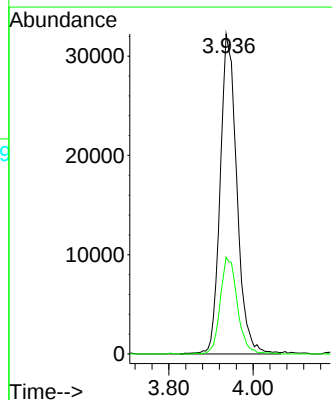
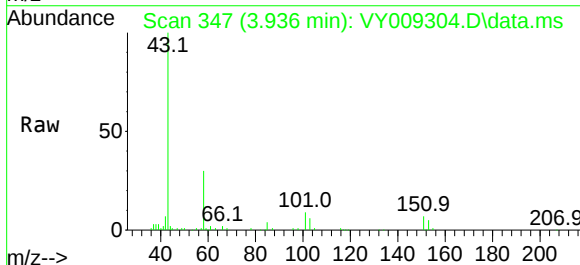
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

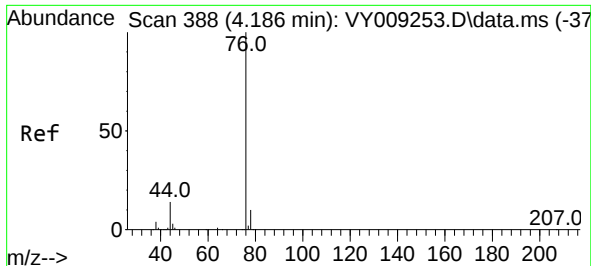
Tgt Ion: 53 Resp: 120290
Ion Ratio Lower Upper
53 100
52 82.1 67.0 100.4
51 36.1 29.8 44.6



#16
Acetone
Concen: 230.175 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 43 Resp: 88298
Ion Ratio Lower Upper
43 100
58 30.2 22.0 33.0

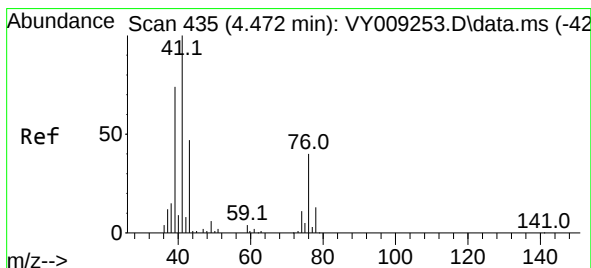
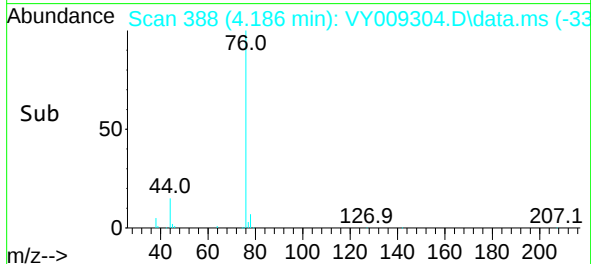
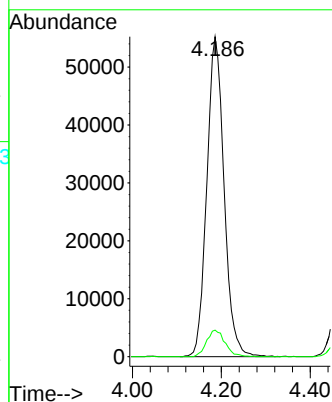
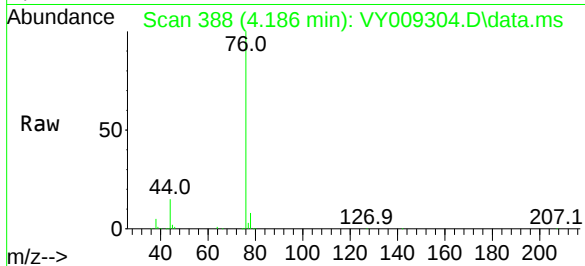




#17
Carbon Disulfide
Concen: 39.715 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

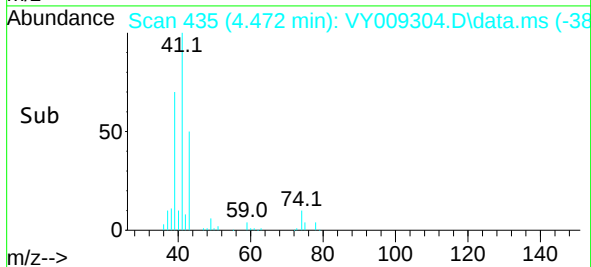
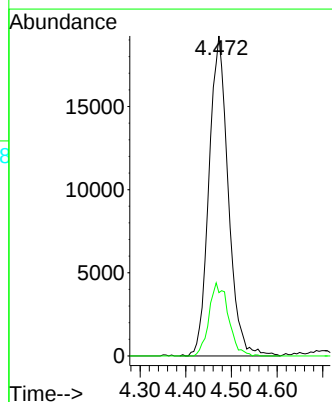
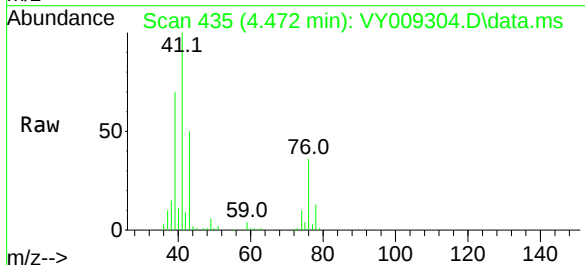
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

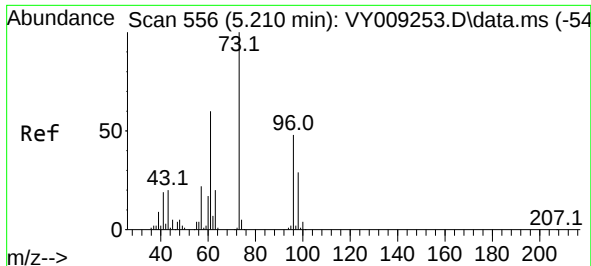
Tgt Ion: 76 Resp: 149420
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0



#18
Methyl Acetate
Concen: 52.979 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 43 Resp: 56377
Ion Ratio Lower Upper
43 100
74 22.8 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 51.880 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

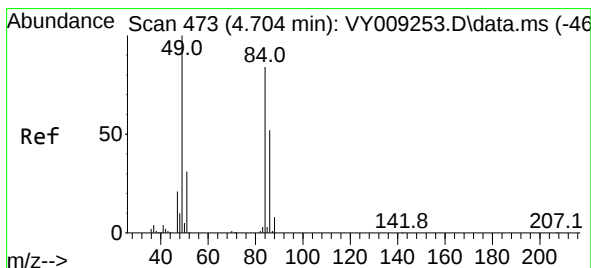
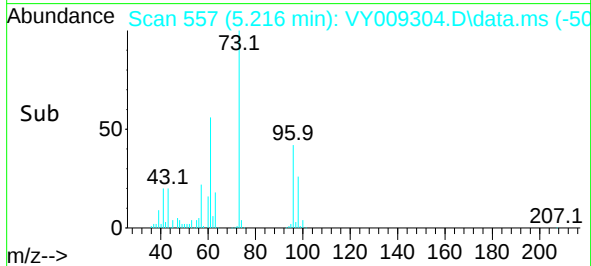
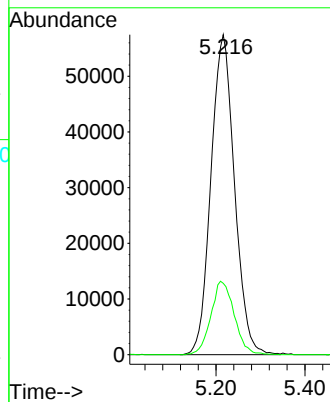
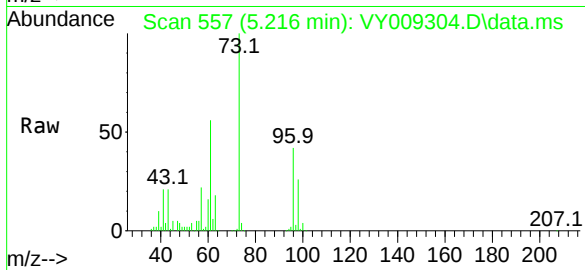
VSTDCCC050EC

Tgt Ion: 73 Resp: 211197

Ion Ratio Lower Upper

73 100

57 22.3 18.6 27.8



#20

Methylene Chloride

Concen: 41.076 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

Tgt Ion: 84 Resp: 80348

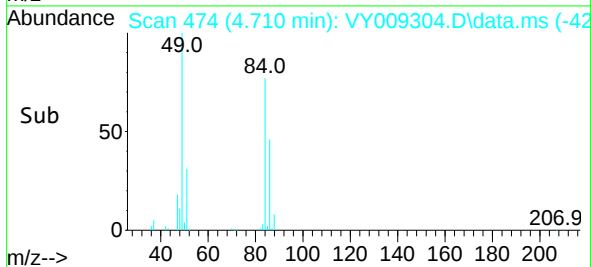
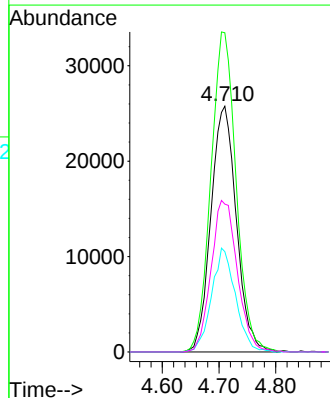
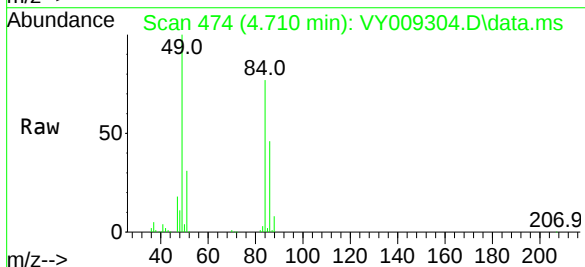
Ion Ratio Lower Upper

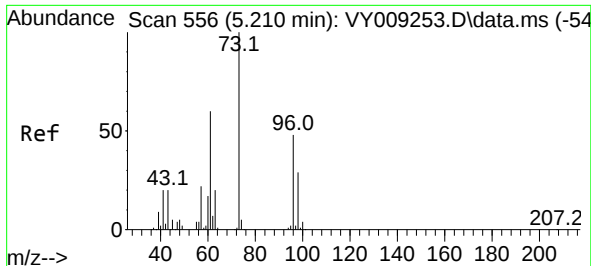
84 100

49 129.9 114.4 171.6

51 40.8 35.3 52.9

86 60.2 53.7 80.5

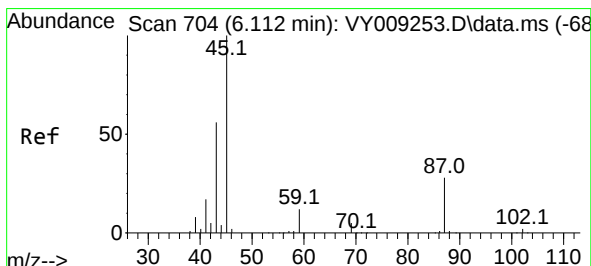
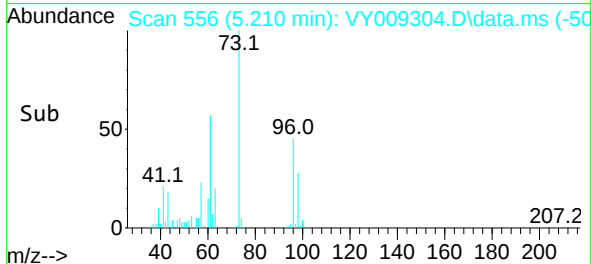
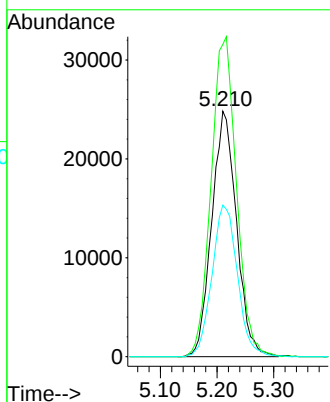
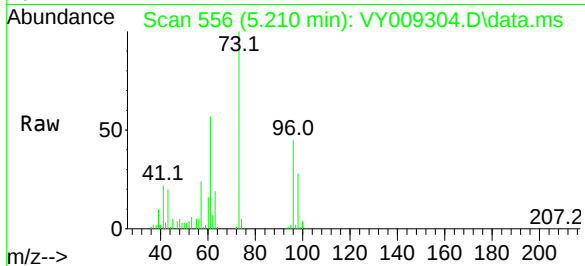




#21
trans-1,2-Dichloroethene
Concen: 46.953 ug/l
RT: 5.210 min Scan# 556
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

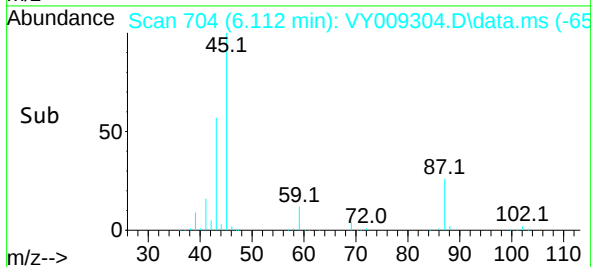
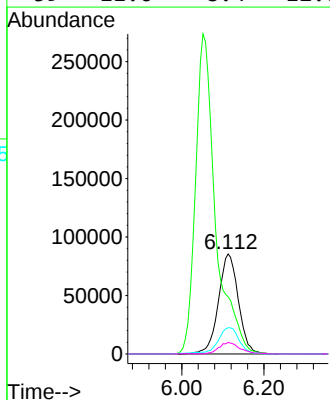
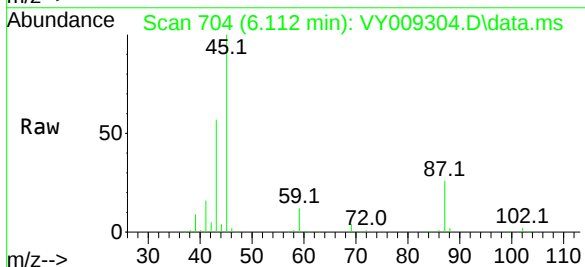
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

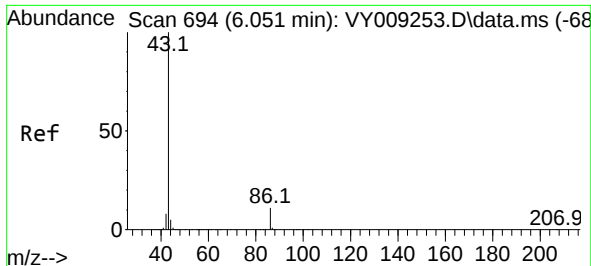
Tgt Ion: 96 Resp: 75361
Ion Ratio Lower Upper
96 100
61 127.2 120.5 180.7
98 61.7 49.8 74.8



#22
Diisopropyl ether
Concen: 56.321 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 45 Resp: 288023
Ion Ratio Lower Upper
45 100
43 56.9 49.3 73.9
87 26.1 19.2 28.8
59 11.6 8.4 12.6

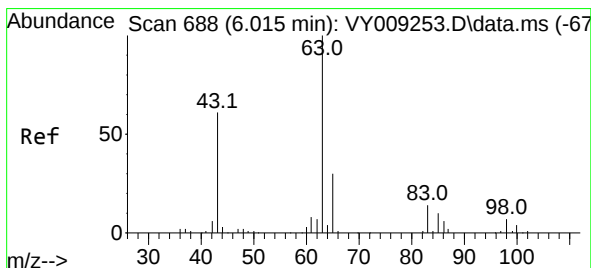
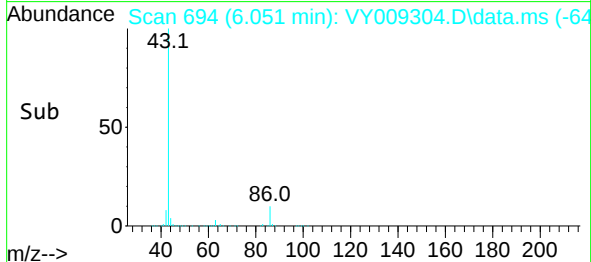
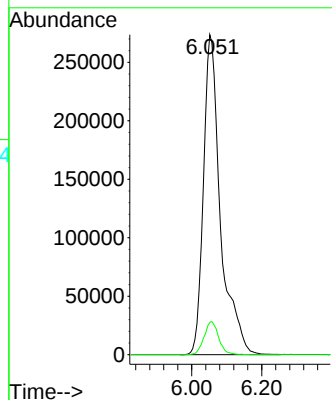
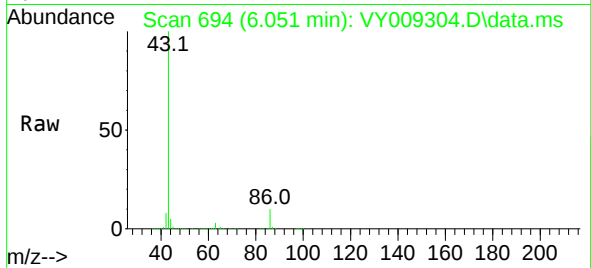




#23
 Vinyl Acetate
 Concen: 294.489 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009304.D
 Acq: 23 Jun 2022 19:04

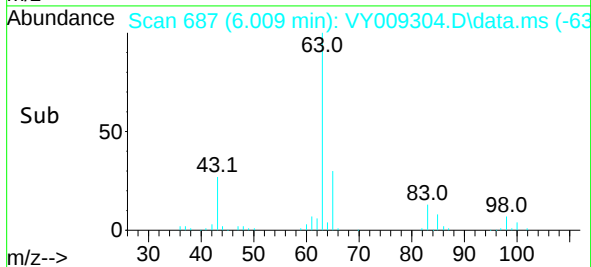
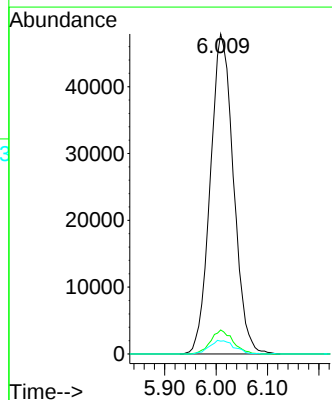
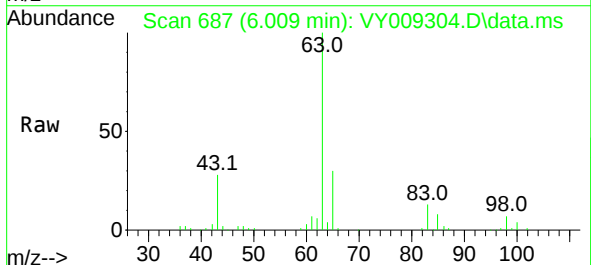
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

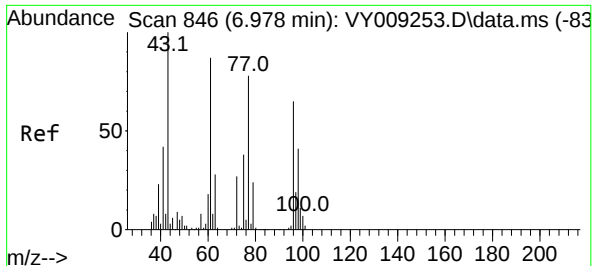
Tgt Ion: 43 Resp: 924658
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 51.878 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY009304.D
 Acq: 23 Jun 2022 19:04

Tgt Ion: 63 Resp: 150180
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 264.270 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

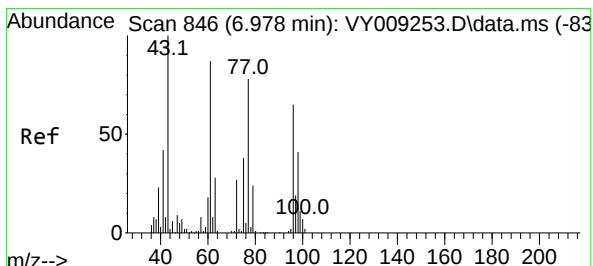
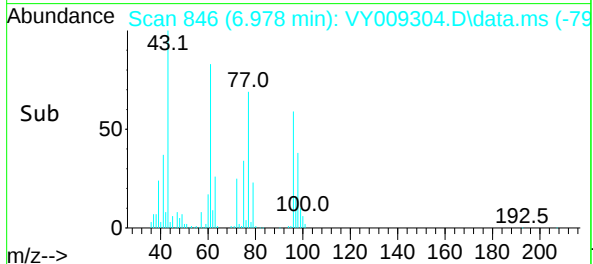
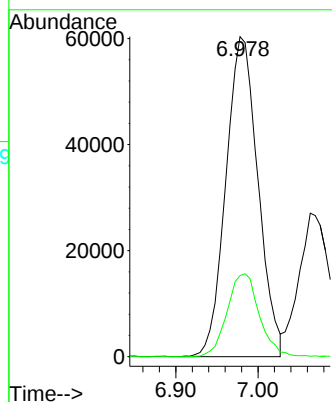
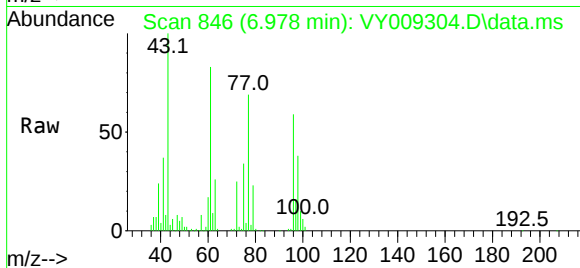
VSTDCCC050EC

Tgt Ion: 43 Resp: 163715

Ion Ratio Lower Upper

43 100

72 25.3 17.7 26.5



#26

2,2-Dichloropropane

Concen: 46.606 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009304.D

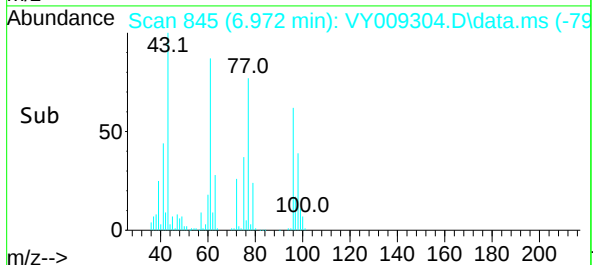
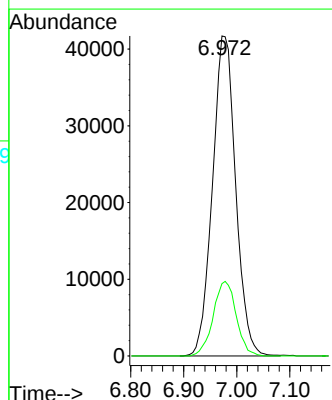
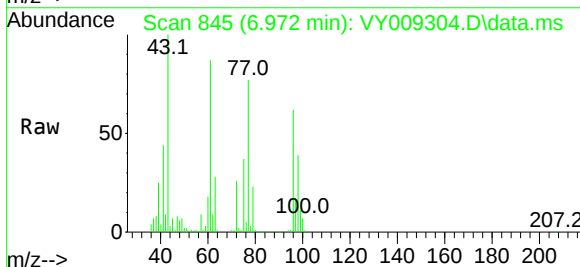
Acq: 23 Jun 2022 19:04

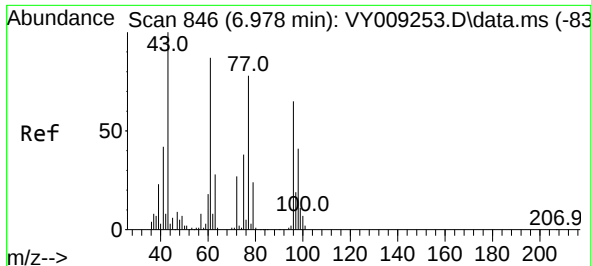
Tgt Ion: 77 Resp: 126838

Ion Ratio Lower Upper

77 100

97 23.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 50.827 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

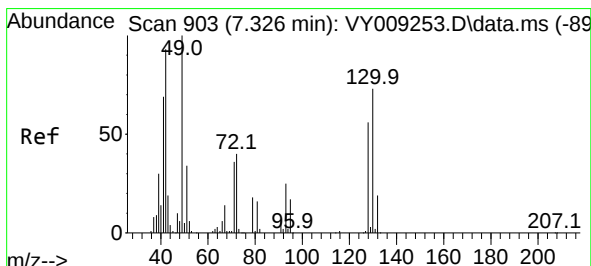
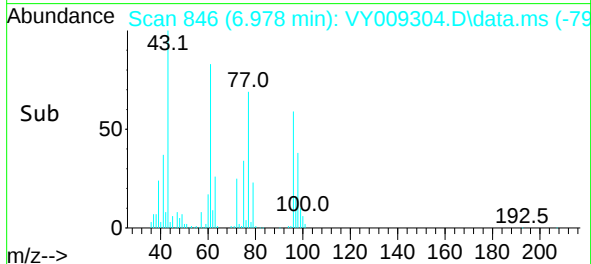
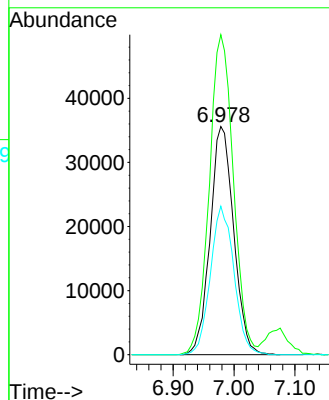
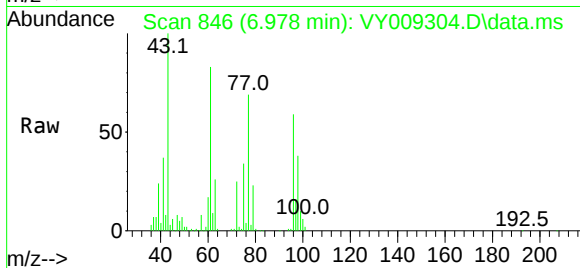
Tgt Ion: 96 Resp: 95642

Ion Ratio Lower Upper

96 100

61 143.8 0.0 319.8

98 65.2 0.0 127.0



#28

Bromochloromethane

Concen: 56.867 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

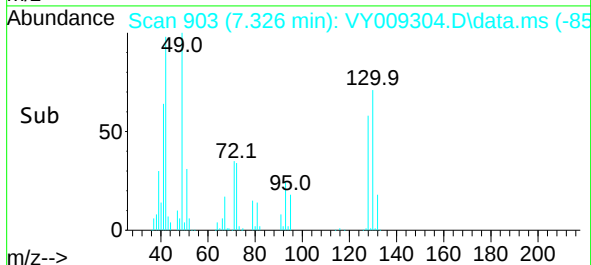
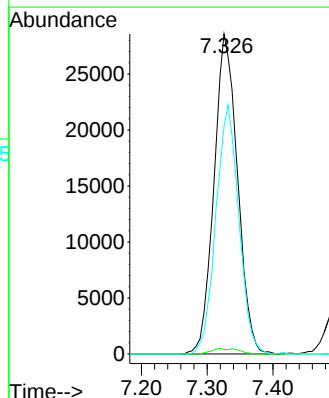
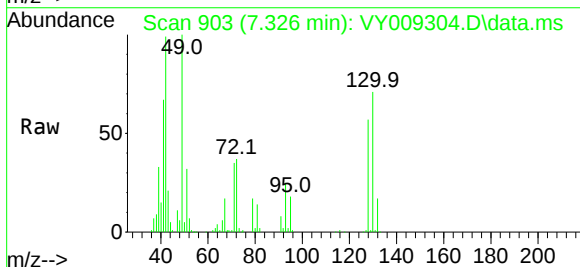
Tgt Ion: 49 Resp: 71030

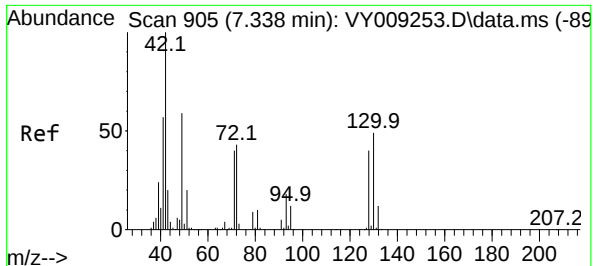
Ion Ratio Lower Upper

49 100

129 1.2 0.0 2.2

130 76.0 55.4 83.0





#29

Tetrahydrofuran

Concen: 281.469 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

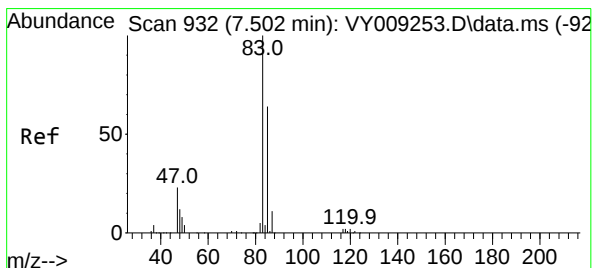
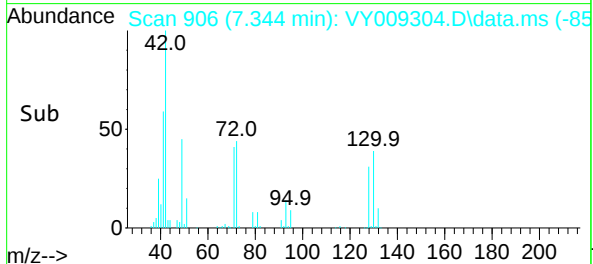
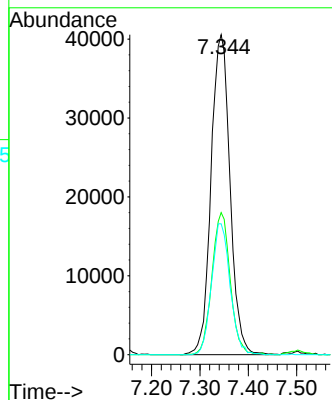
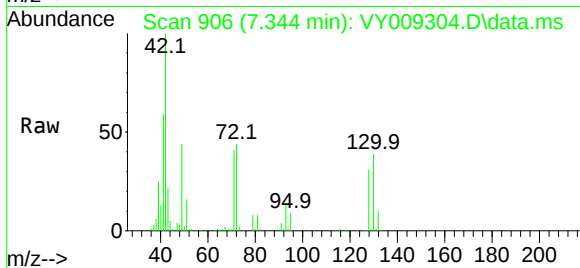
Tgt Ion: 42 Resp: 110425

Ion Ratio Lower Upper

42 100

72 42.7 30.3 45.5

71 40.0 29.0 43.4



#30

Chloroform

Concen: 51.504 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY009304.D

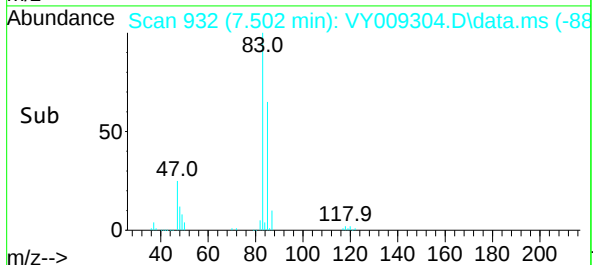
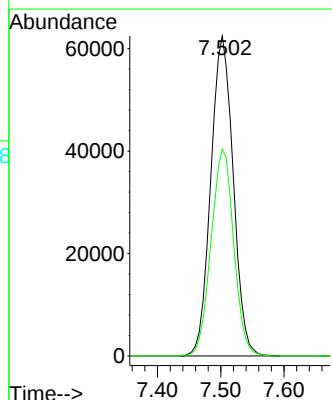
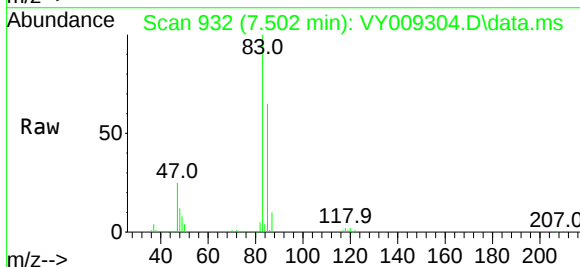
Acq: 23 Jun 2022 19:04

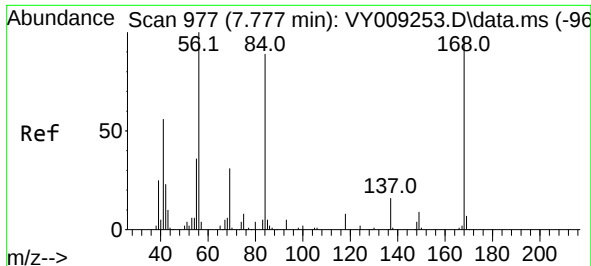
Tgt Ion: 83 Resp: 153474

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6

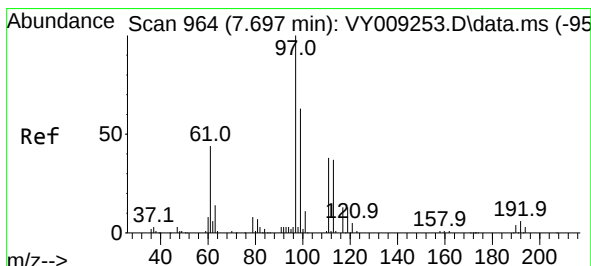
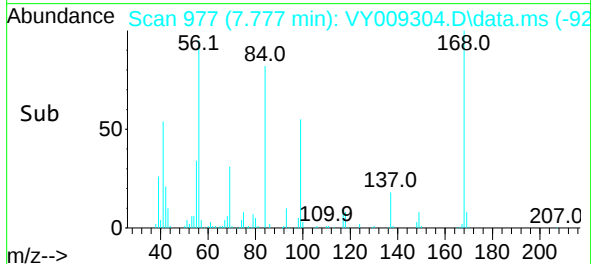
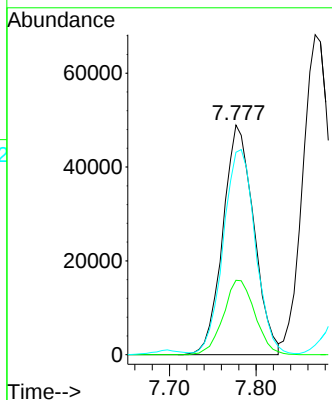
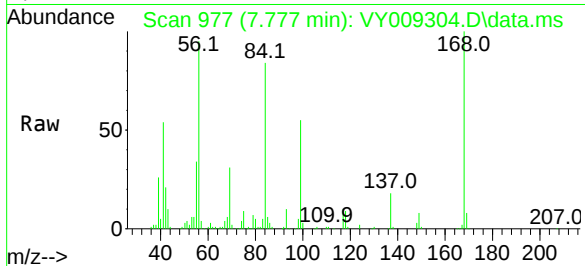




#31
Cyclohexane
Concen: 45.115 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

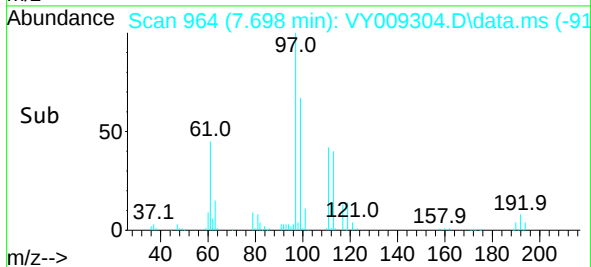
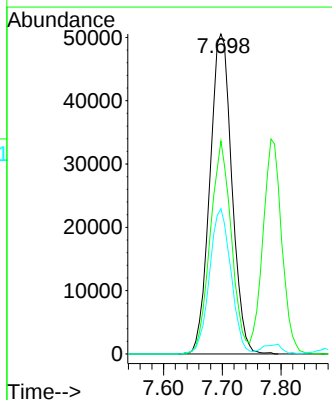
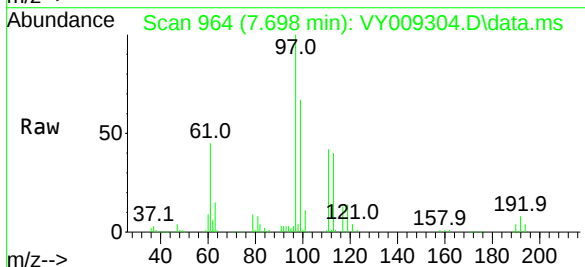
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

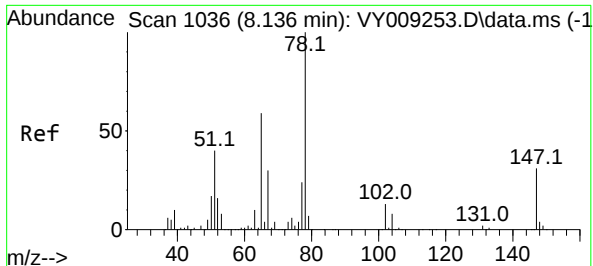
Tgt Ion: 56 Resp: 121591
Ion Ratio Lower Upper
56 100
69 32.4 26.7 40.1
84 86.6 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 50.533 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 97 Resp: 131459
Ion Ratio Lower Upper
97 100
99 64.0 50.7 76.1
61 44.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 51.855 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

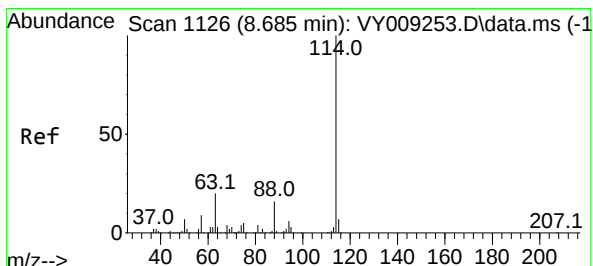
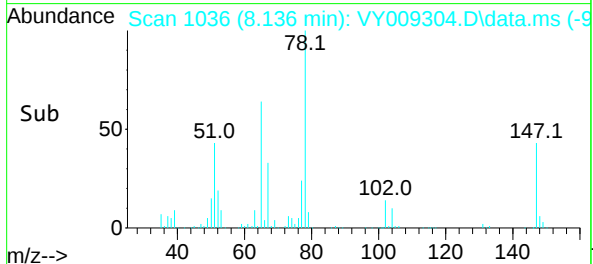
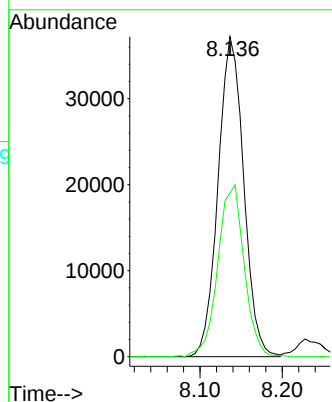
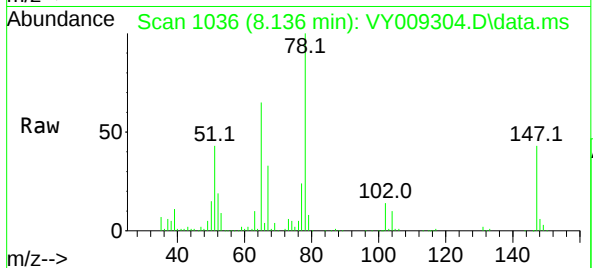
VSTDCCC050EC

Tgt Ion: 65 Resp: 80511

Ion Ratio Lower Upper

65 100

67 55.4 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: VY009304.D

Acq: 23 Jun 2022 19:04

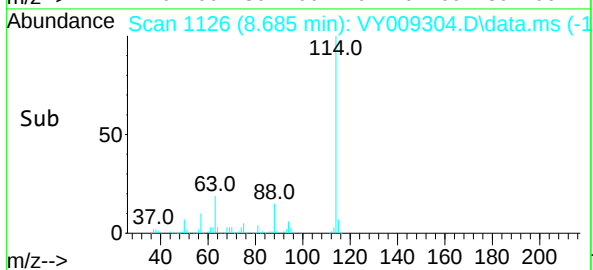
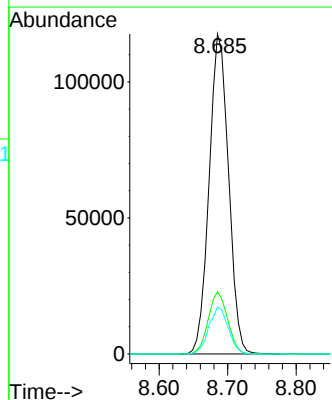
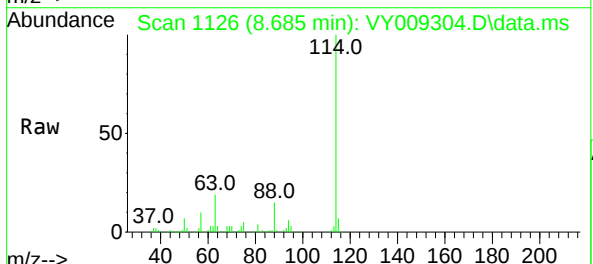
Tgt Ion: 114 Resp: 231662

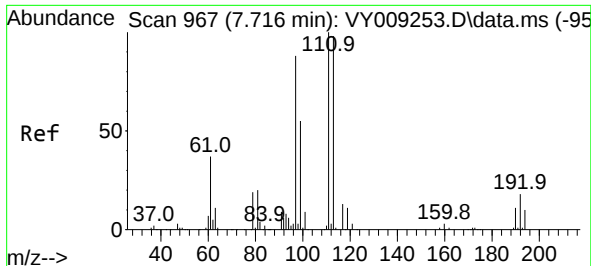
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 14.6 0.0 31.8

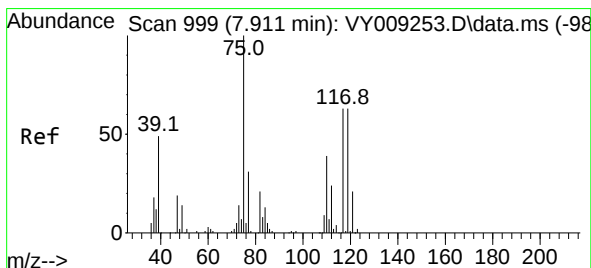
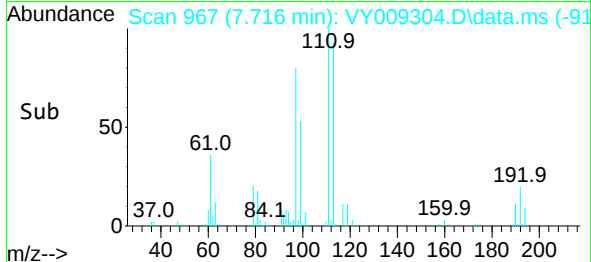
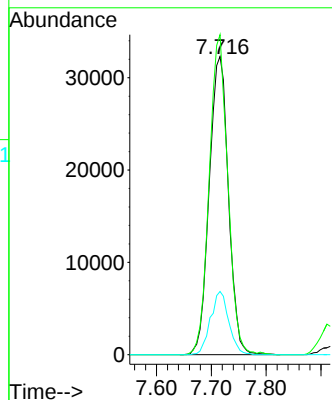
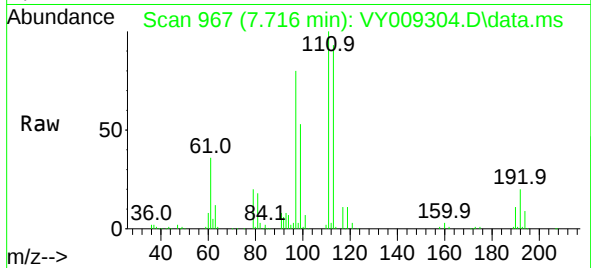




#35
Dibromofluoromethane
Concen: 52.344 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

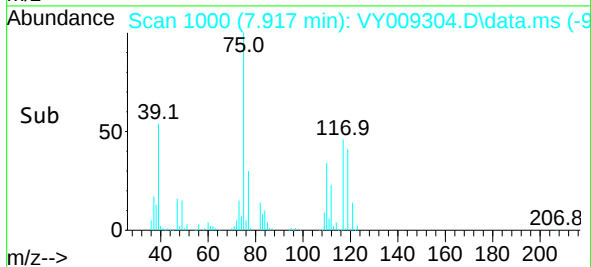
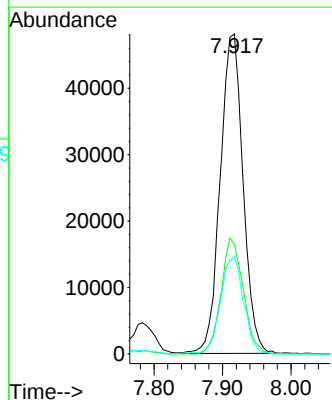
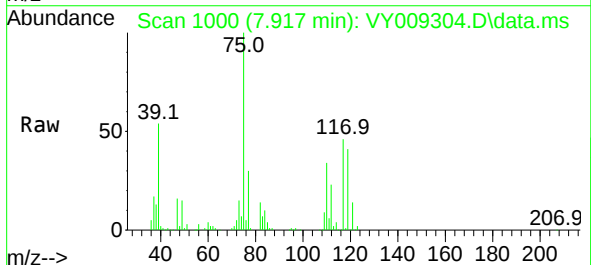
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

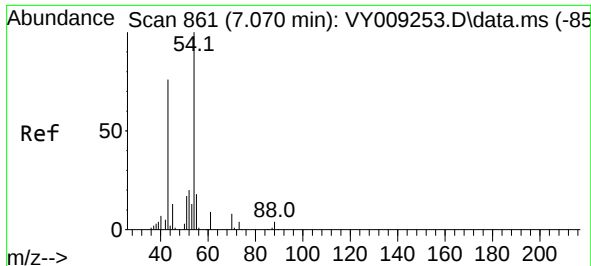
Tgt Ion:113 Resp: 78532
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 20.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 48.646 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 75 Resp: 111071
Ion Ratio Lower Upper
75 100
110 35.2 17.1 51.2
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 52.757 ug/l

RT: 7.063 min Scan# 861

Delta R.T. -0.007 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

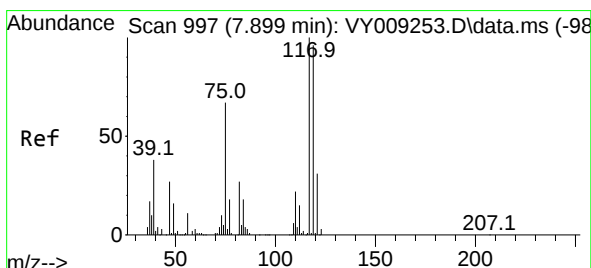
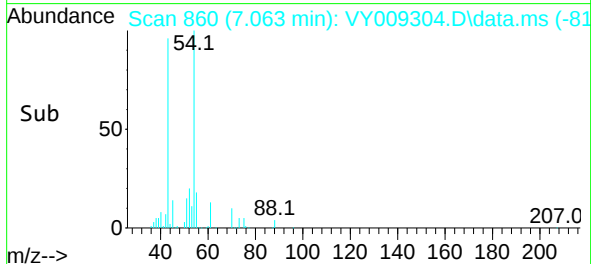
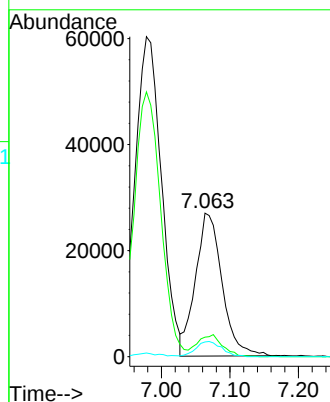
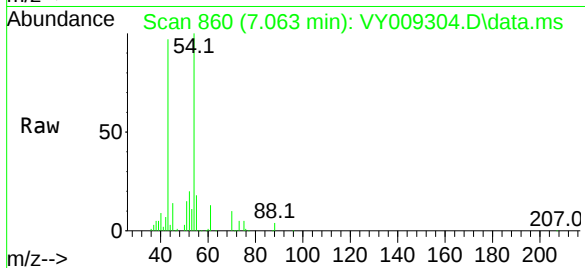
Tgt Ion: 43 Resp: 72839

Ion Ratio Lower Upper

43 100

61 14.4 9.7 14.5

70 10.3 7.1 10.7



#38

Carbon Tetrachloride

Concen: 49.935 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

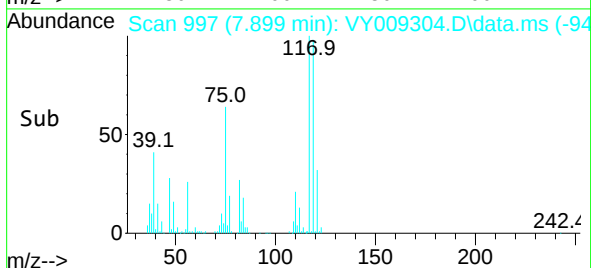
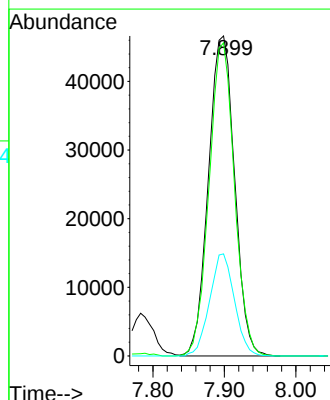
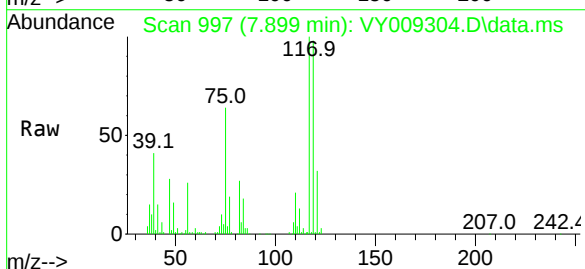
Tgt Ion: 117 Resp: 118551

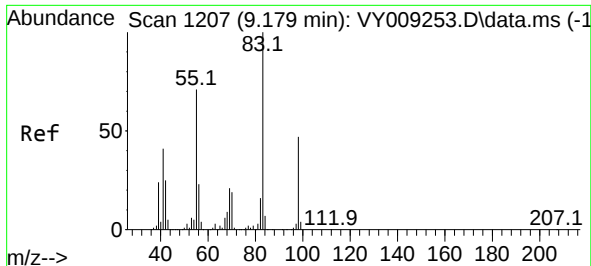
Ion Ratio Lower Upper

117 100

119 97.9 77.9 116.9

121 31.9 24.8 37.2





#39

Methylcyclohexane

Concen: 47.266 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

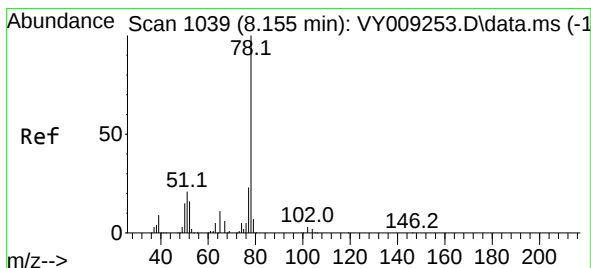
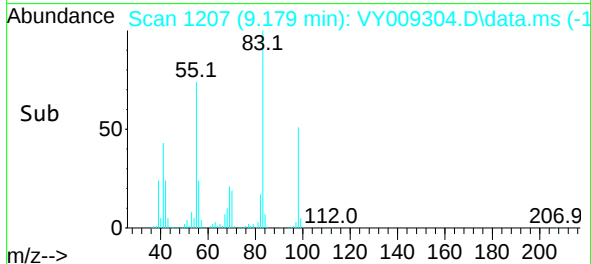
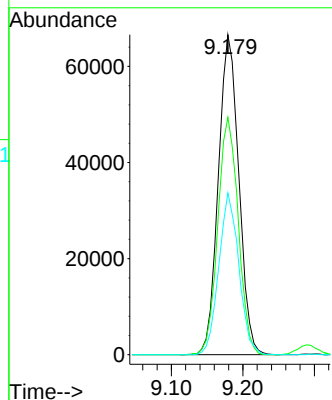
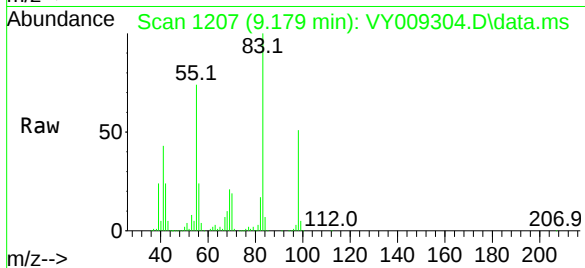
Tgt Ion: 83 Resp: 132417

Ion Ratio Lower Upper

83 100

55 74.2 66.5 99.7

98 50.5 37.9 56.9



#40

Benzene

Concen: 50.141 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009304.D

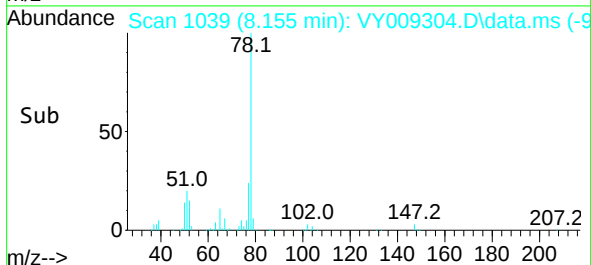
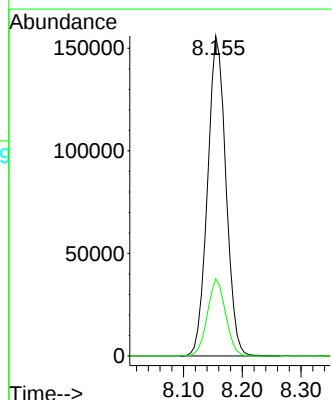
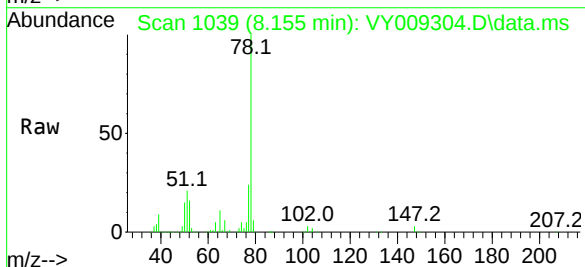
Acq: 23 Jun 2022 19:04

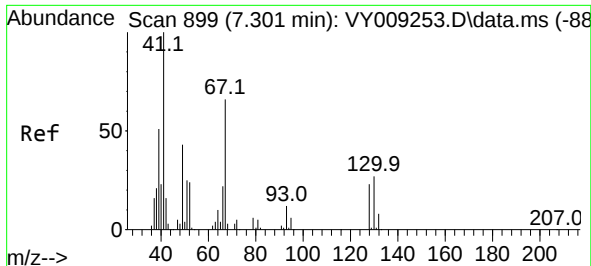
Tgt Ion: 78 Resp: 338686

Ion Ratio Lower Upper

78 100

77 24.1 20.4 30.6

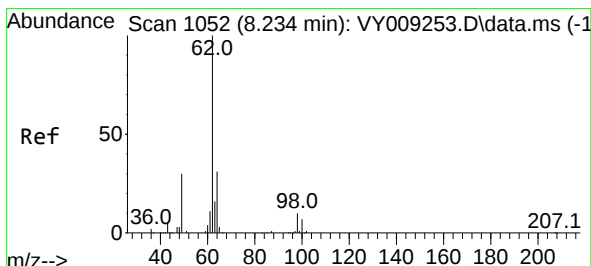
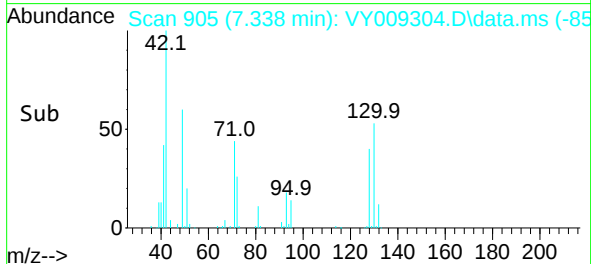
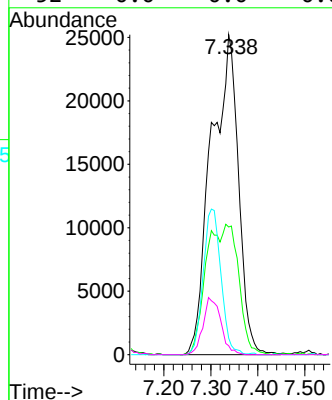
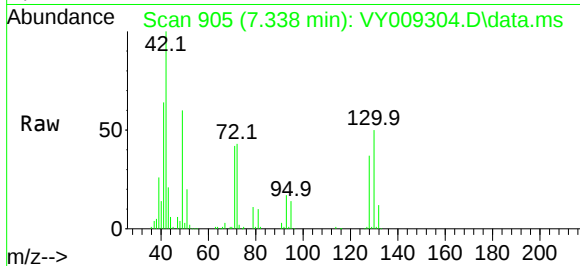




#41
Methacrylonitrile
Concen: 132.726 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

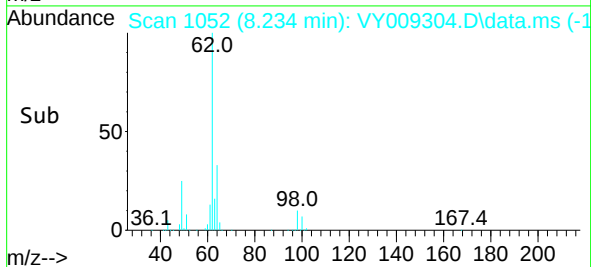
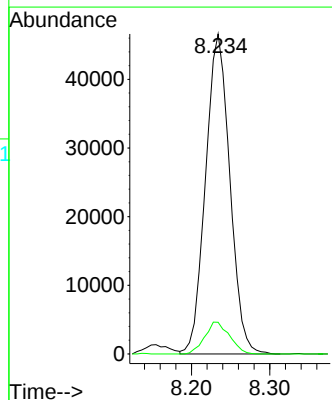
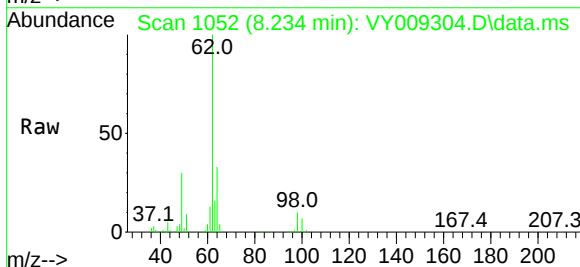
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

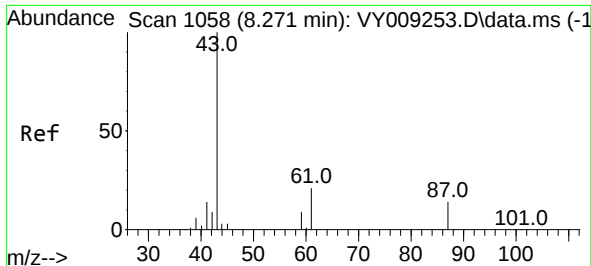
Tgt Ion: 41 Resp: 101602
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.823 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 62 Resp: 100443
Ion Ratio Lower Upper
62 100
98 10.1 0.0 14.8

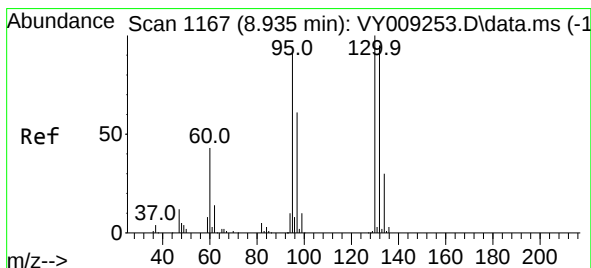
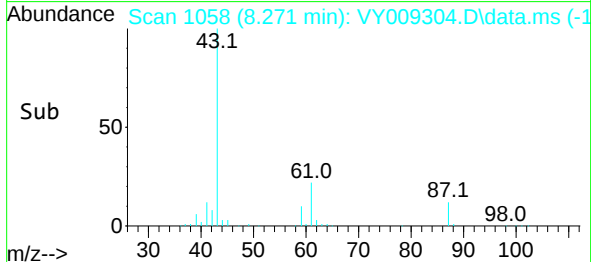
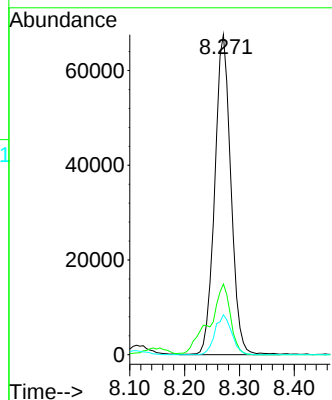
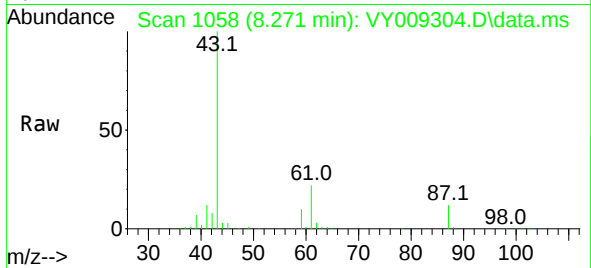




#43
Isopropyl Acetate
Concen: 54.524 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

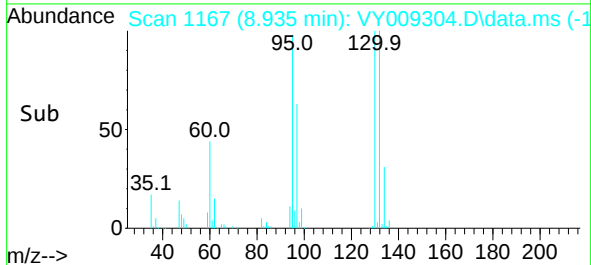
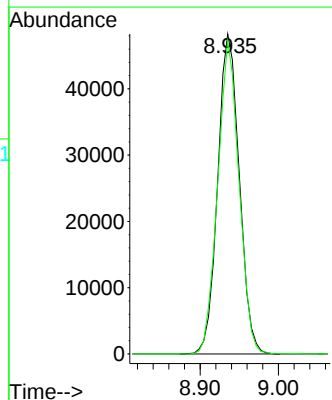
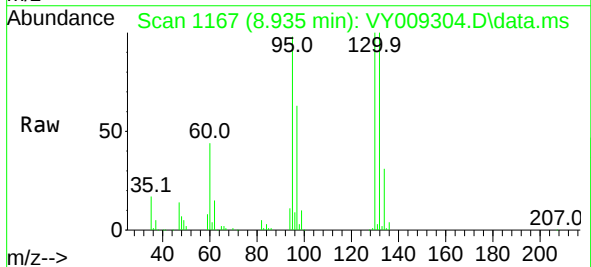
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

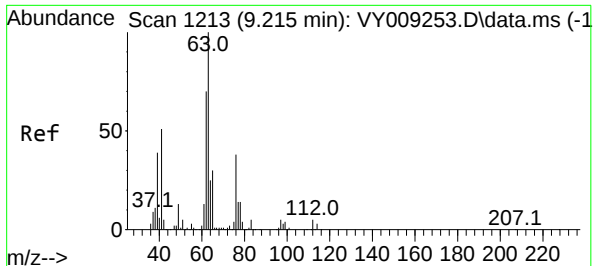
Tgt Ion: 43 Resp: 137950
Ion Ratio Lower Upper
43 100
61 28.8 20.2 30.2
87 12.9 8.9 13.3



#44
Trichloroethene
Concen: 48.645 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion:130 Resp: 92532
Ion Ratio Lower Upper
130 100
95 97.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 51.878 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

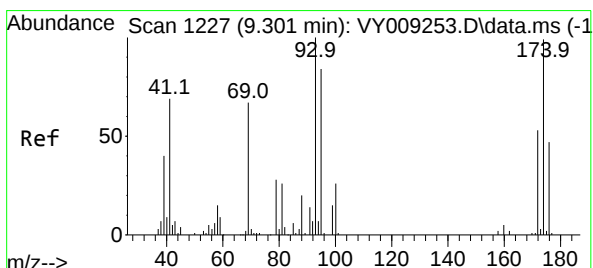
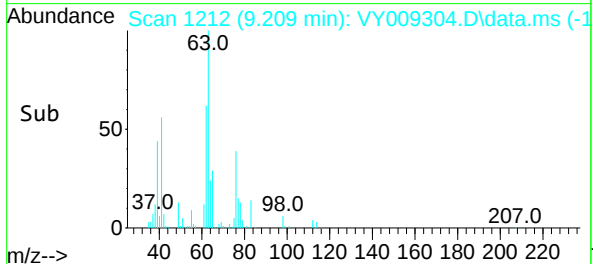
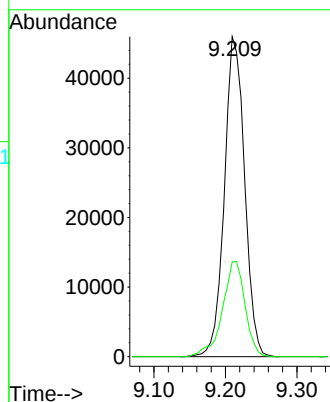
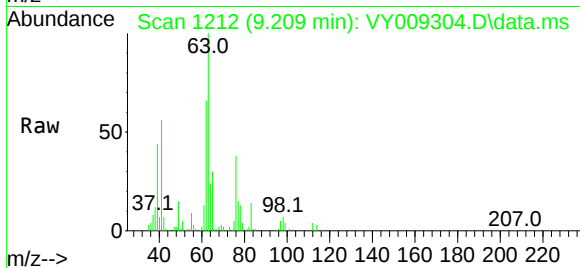
VSTDCCC050EC

Tgt Ion: 63 Resp: 90277

Ion Ratio Lower Upper

63 100

65 29.6 23.0 34.6



#46

Dibromomethane

Concen: 50.853 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

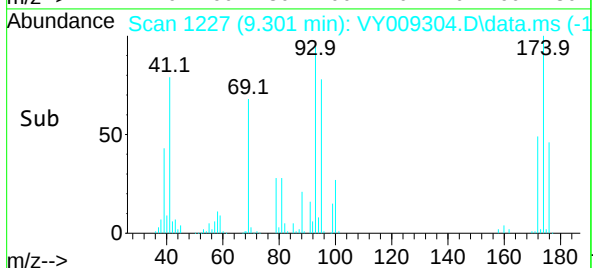
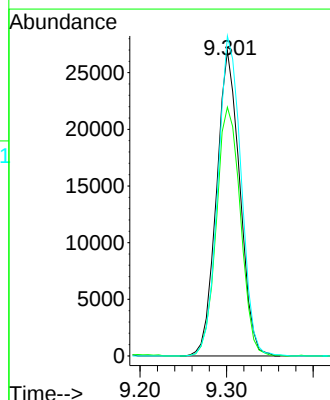
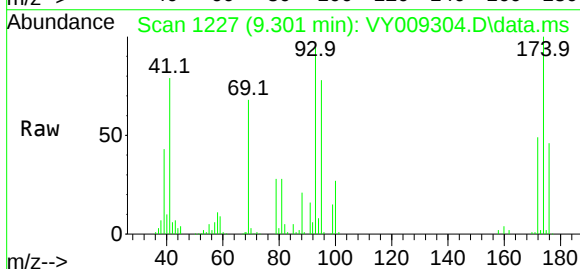
Tgt Ion: 93 Resp: 50321

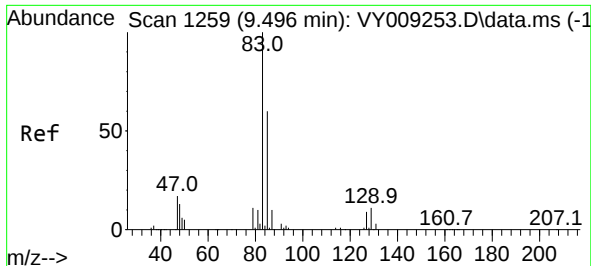
Ion Ratio Lower Upper

93 100

95 84.0 64.3 96.5

174 104.2 83.4 125.0

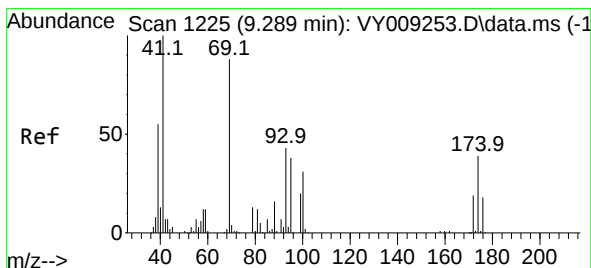
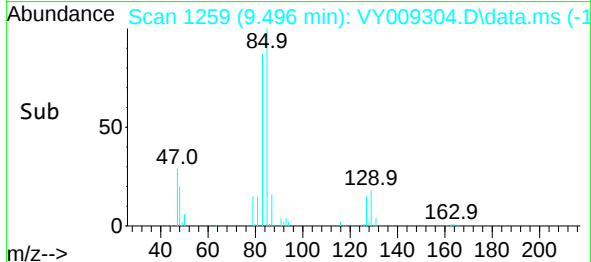
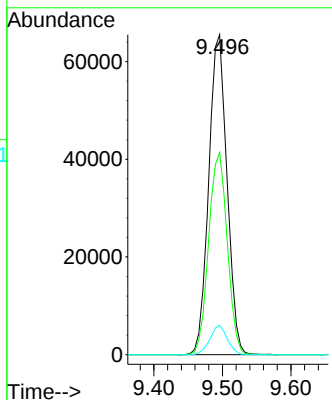
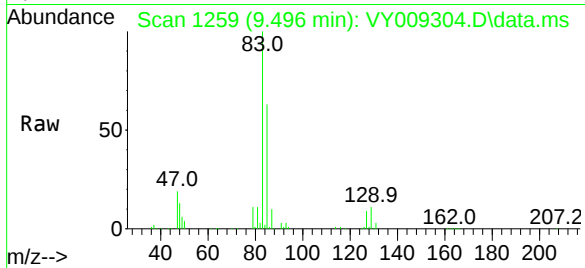




#47
Bromodichloromethane
Concen: 51.587 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

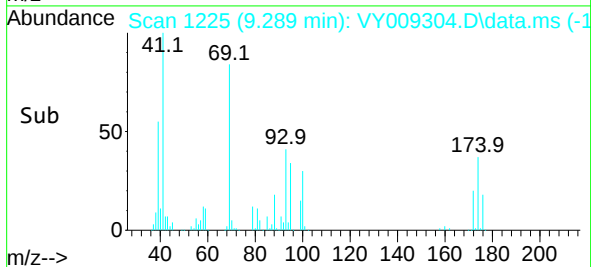
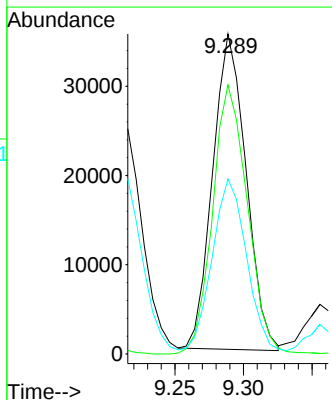
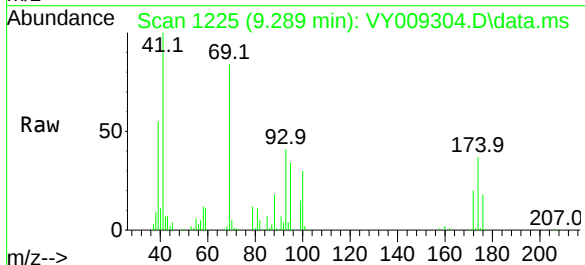
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

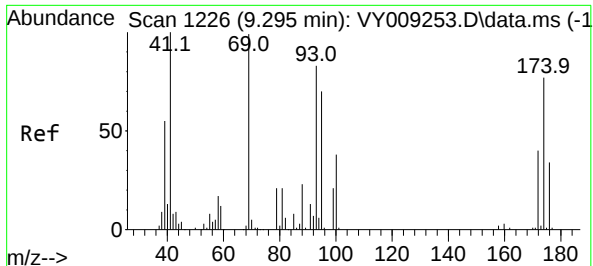
Tgt Ion: 83 Resp: 121220
Ion Ratio Lower Upper
83 100
85 63.2 51.9 77.9
127 9.2 6.6 10.0



#48
Methyl methacrylate
Concen: 53.943 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 41 Resp: 59821
Ion Ratio Lower Upper
41 100
69 89.1 58.2 87.2#
39 58.3 47.4 71.0





#49

1,4-Dioxane

Concen: 1050.152 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

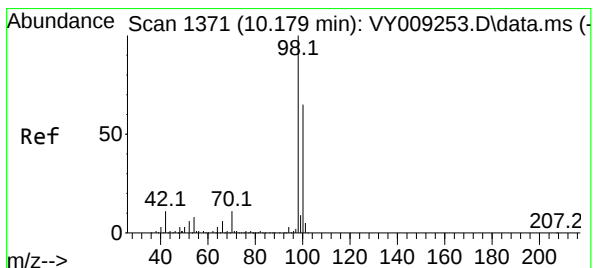
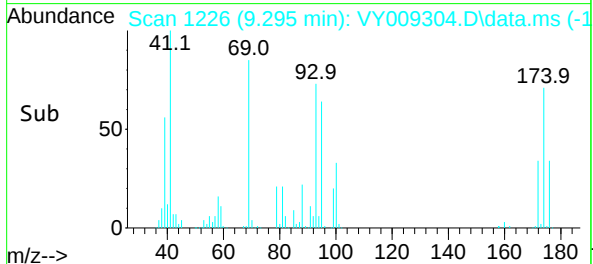
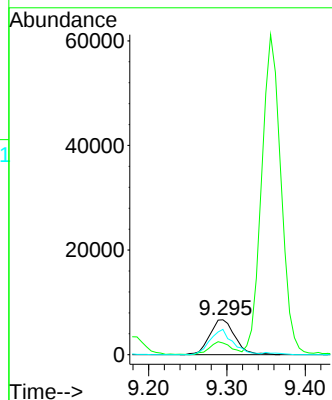
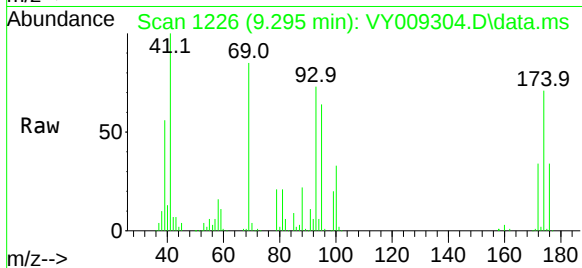
Tgt Ion: 88 Resp: 14933

Ion Ratio Lower Upper

88 100

43 32.4 32.8 49.2#

58 65.5 59.8 89.6



#50

Toluene-d8

Concen: 51.411 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009304.D

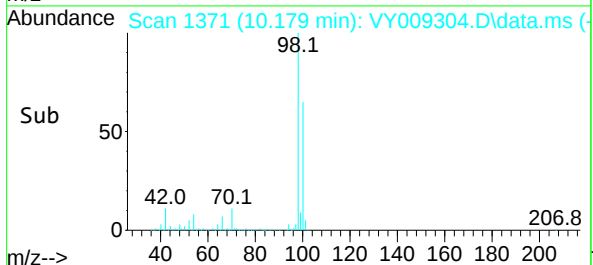
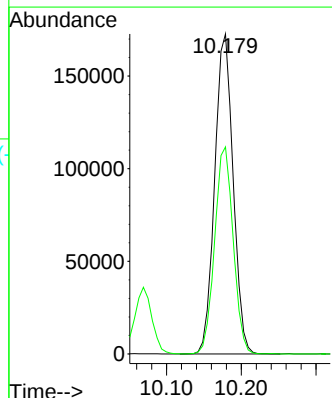
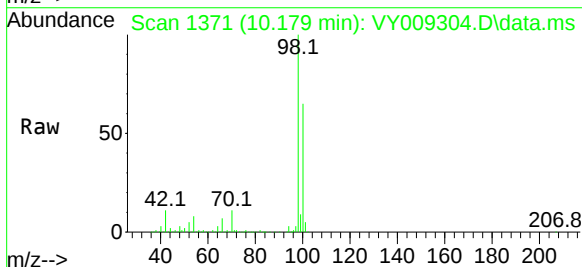
Acq: 23 Jun 2022 19:04

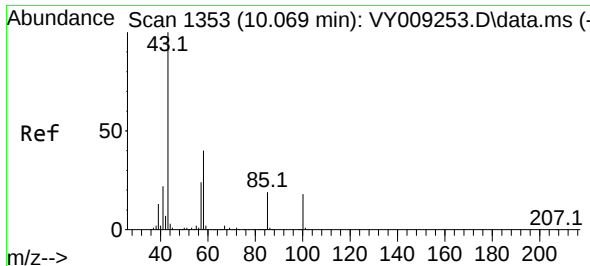
Tgt Ion: 98 Resp: 296299

Ion Ratio Lower Upper

98 100

100 65.3 50.2 75.2

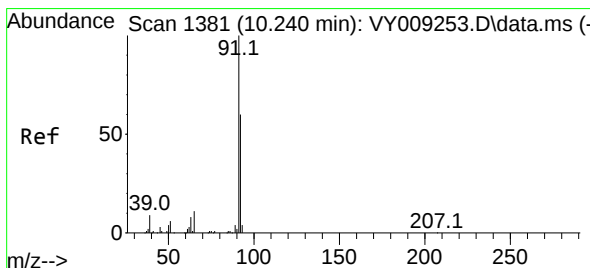
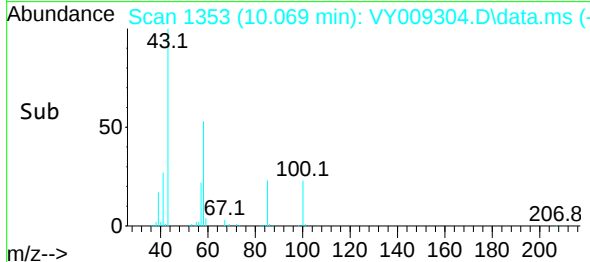
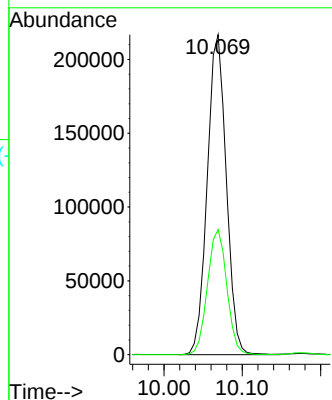
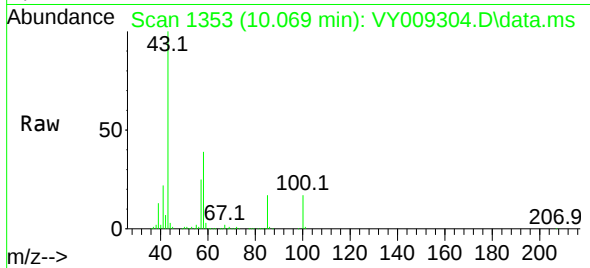




#51
4-Methyl-2-Pentanone
Concen: 277.975 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

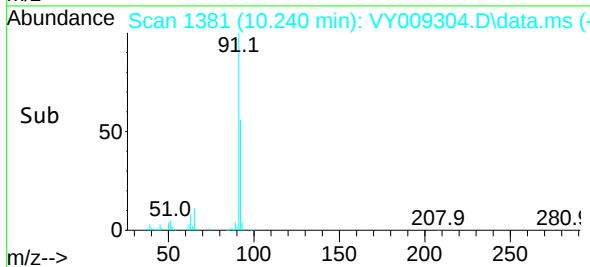
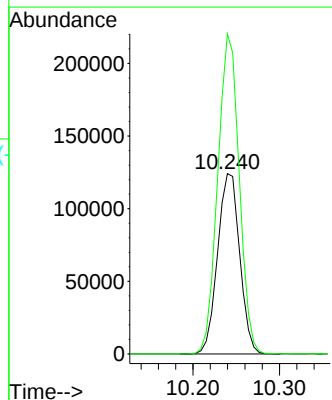
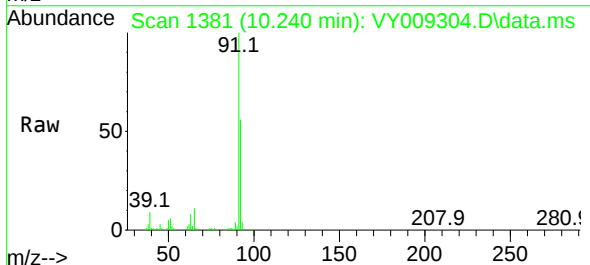
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

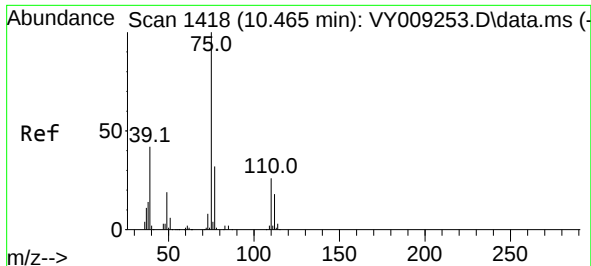
Tgt Ion: 43 Resp: 365814
Ion Ratio Lower Upper
43 100
58 39.6 28.1 42.1



#52
Toluene
Concen: 51.561 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 92 Resp: 220153
Ion Ratio Lower Upper
92 100
91 172.4 142.6 213.8

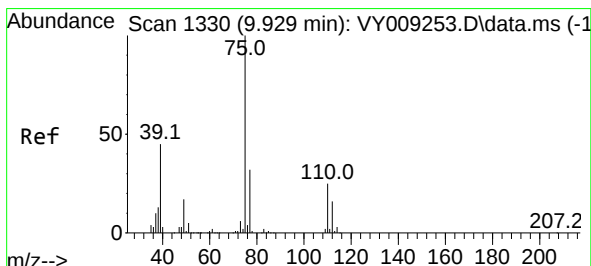
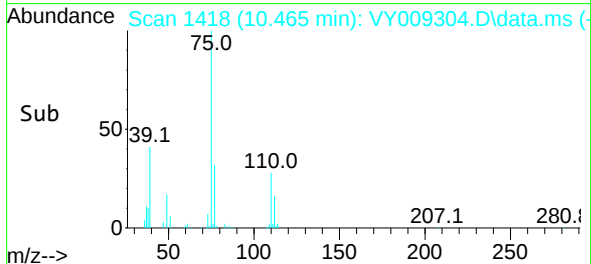
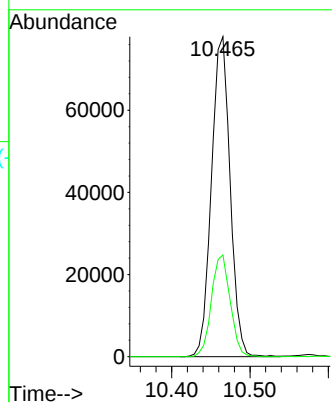
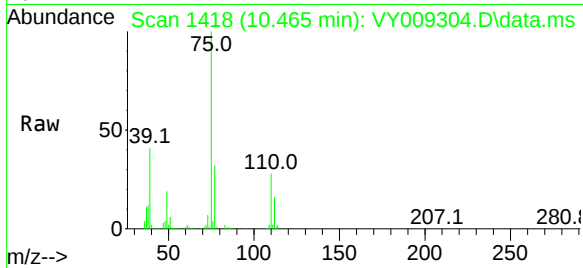




#53
t-1,3-Dichloropropene
Concen: 52.784 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

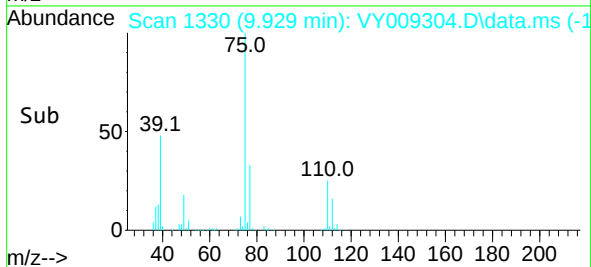
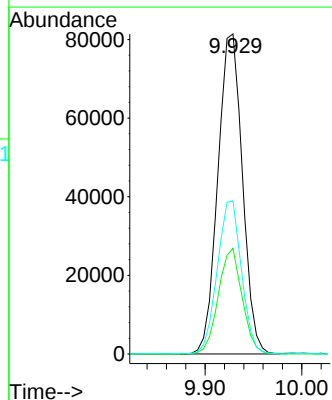
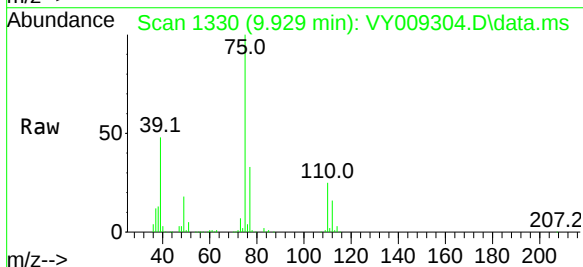
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

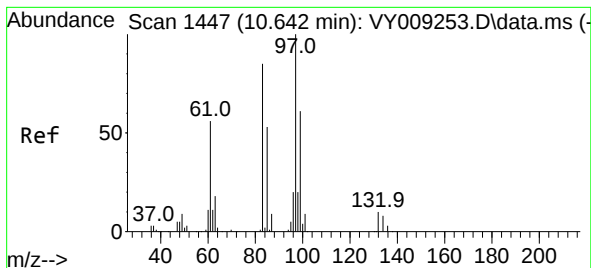
Tgt Ion: 75 Resp: 128967
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.629 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 75 Resp: 143579
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4
39 47.8 47.6 71.4





#55

1,1,2-Trichloroethane

Concen: 54.625 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 75871

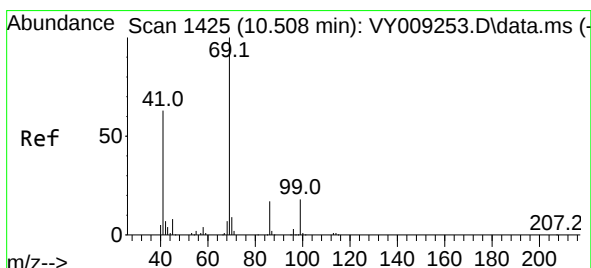
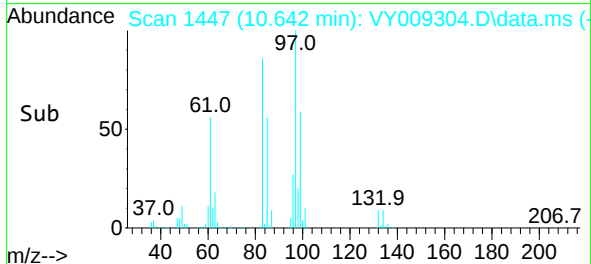
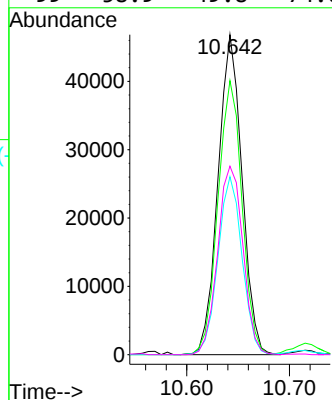
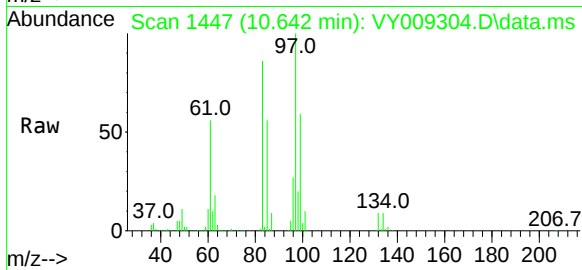
Ion Ratio Lower Upper

97 100

83 85.7 69.8 104.8

85 55.6 44.3 66.5

99 58.9 49.8 74.6



#56

Ethyl methacrylate

Concen: 56.233 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

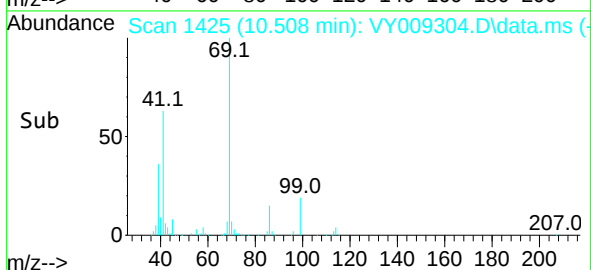
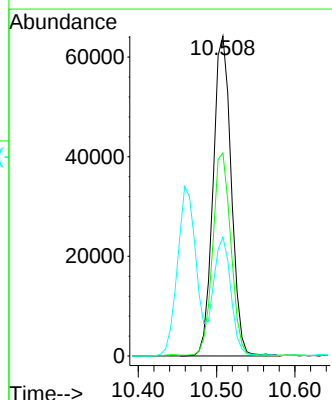
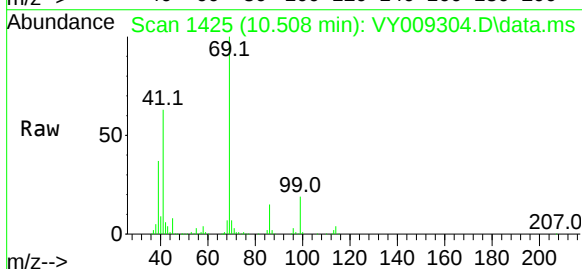
Tgt Ion: 69 Resp: 103320

Ion Ratio Lower Upper

69 100

41 63.3 63.4 95.0#

39 36.1 35.8 53.8





#57

1,3-Dichloropropane

Concen: 53.065 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

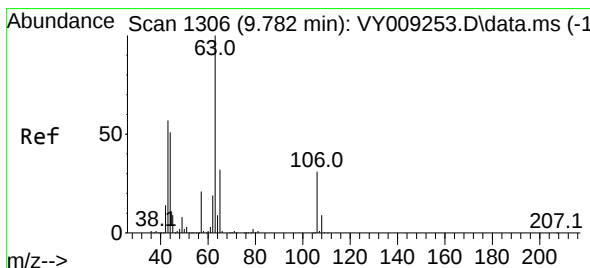
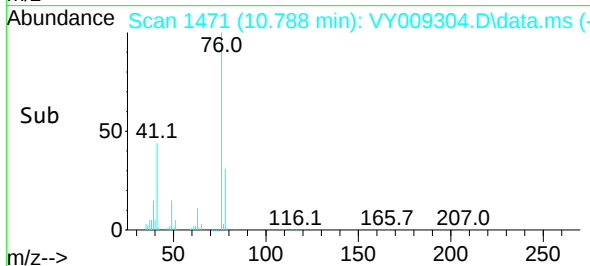
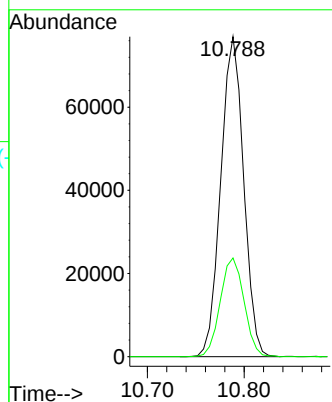
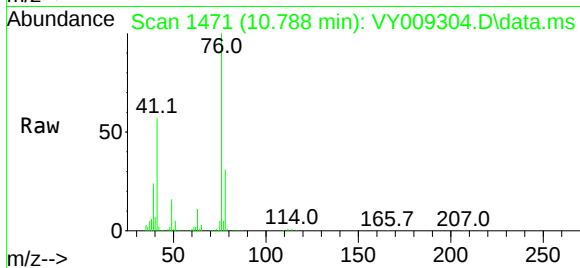
VSTDCCC050EC

Tgt Ion: 76 Resp: 126121

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 258.301 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY009304.D

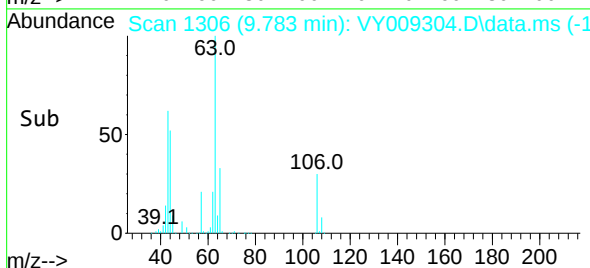
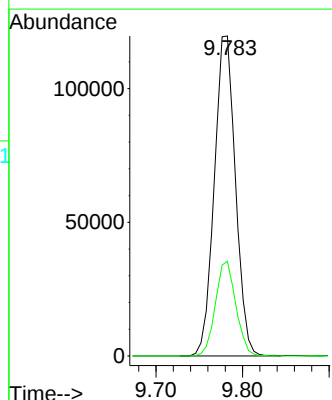
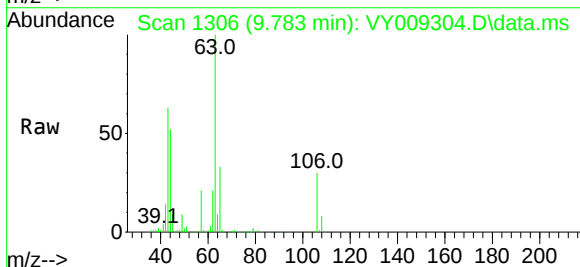
Acq: 23 Jun 2022 19:04

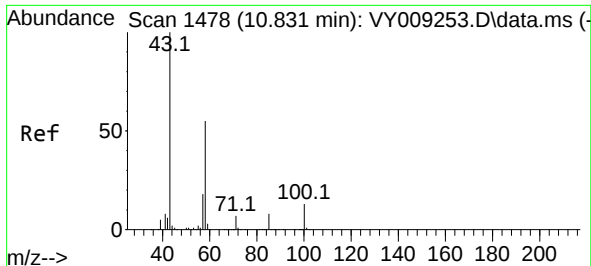
Tgt Ion: 63 Resp: 203601

Ion Ratio Lower Upper

63 100

106 28.5 21.5 32.3

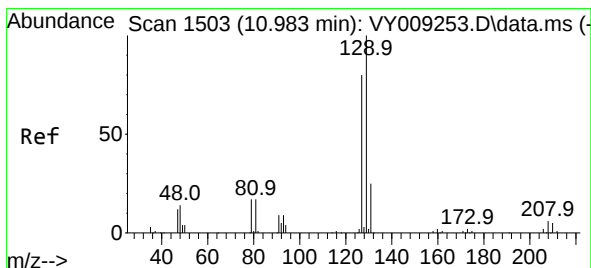
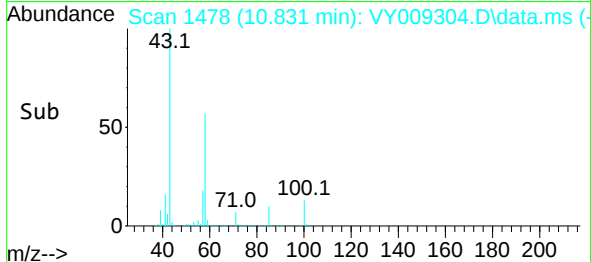
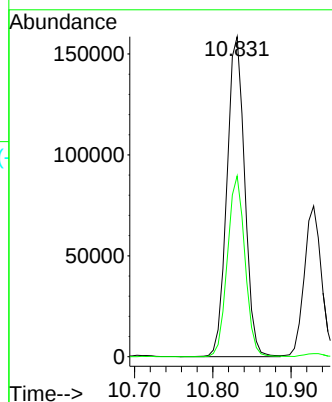
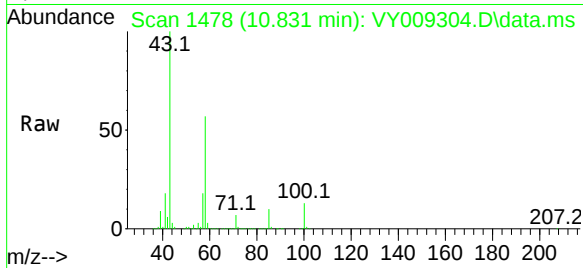




#59
2-Hexanone
Concen: 281.267 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

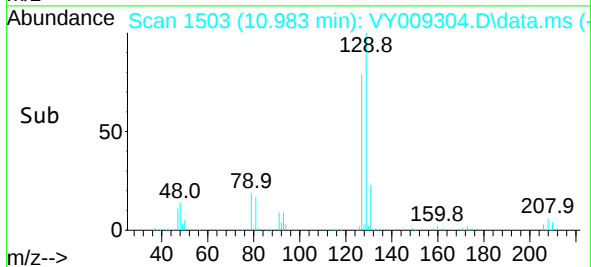
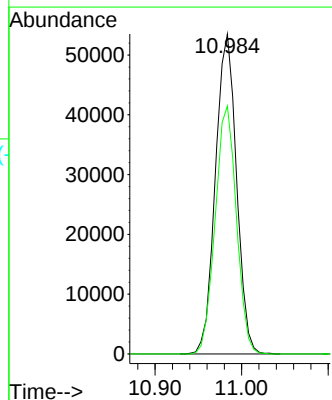
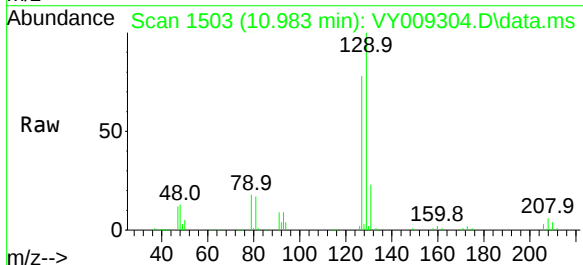
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

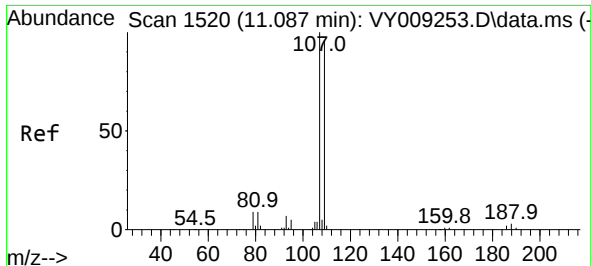
Tgt Ion: 43 Resp: 250499
Ion Ratio Lower Upper
43 100
58 55.5 24.4 73.4



#60
Dibromochloromethane
Concen: 53.409 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 129 Resp: 90473
Ion Ratio Lower Upper
129 100
127 77.9 38.7 116.1

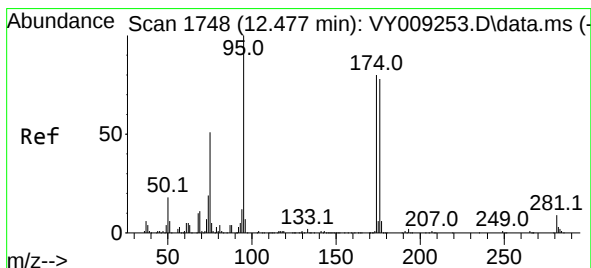
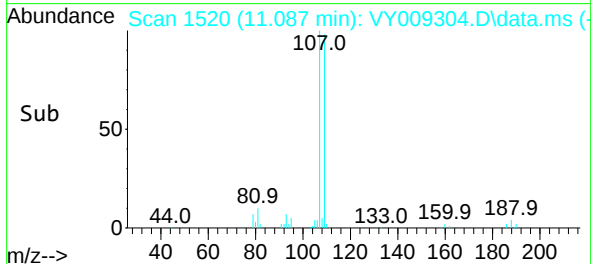
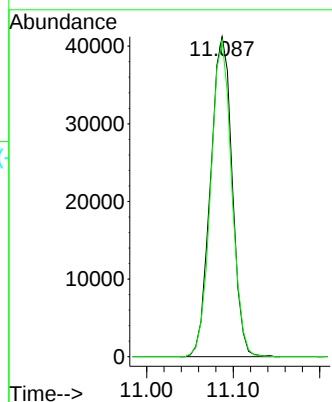
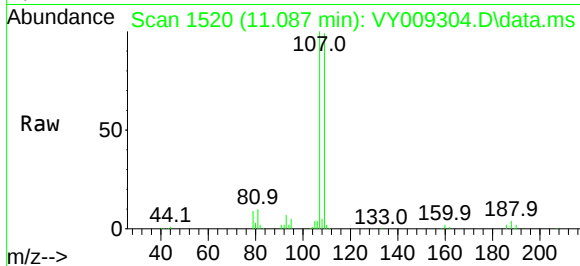




#61
1,2-Dibromoethane
Concen: 52.742 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

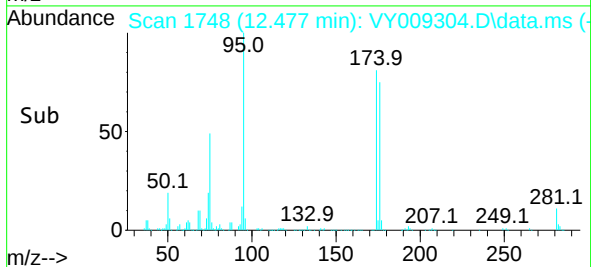
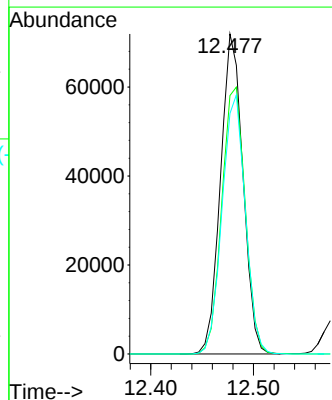
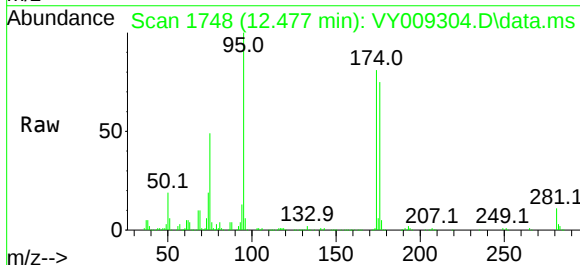
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

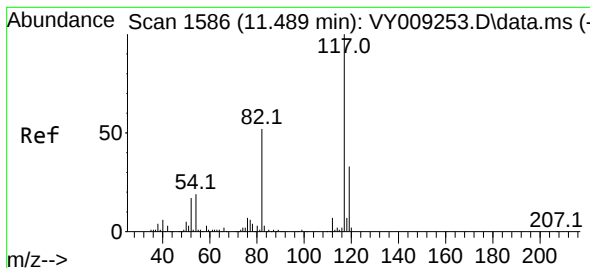
Tgt Ion:107 Resp: 71426
Ion Ratio Lower Upper
107 100
109 95.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 53.757 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 95 Resp: 108869
Ion Ratio Lower Upper
95 100
174 87.1 0.0 177.0
176 83.7 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: VY009304.D

Acq: 23 Jun 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

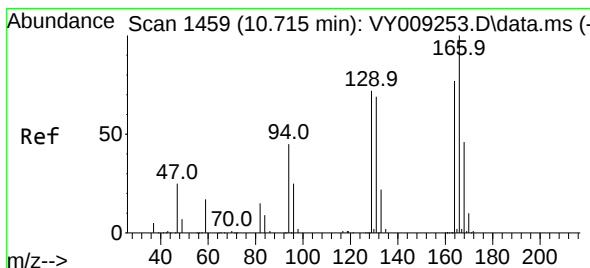
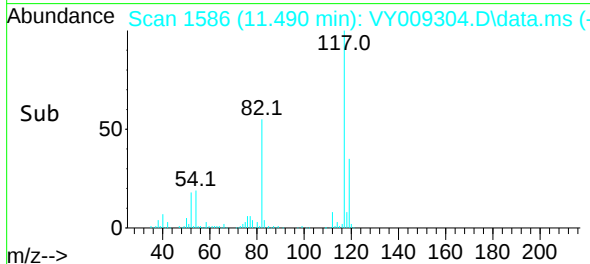
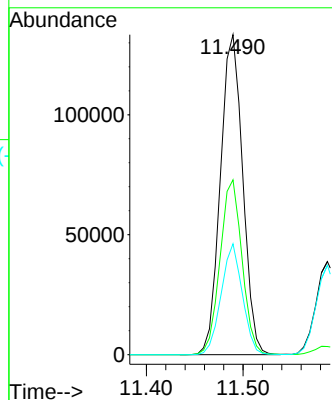
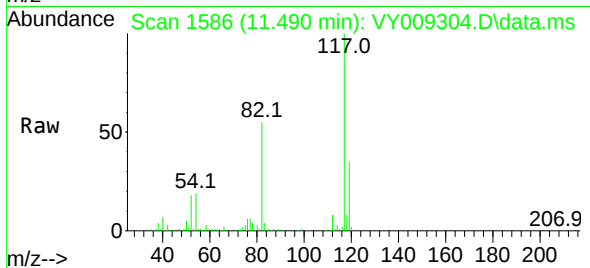
Tgt Ion:117 Resp: 213914

Ion Ratio Lower Upper

117 100

82 54.6 43.0 64.4

119 34.7 25.4 38.0



#64

Tetrachloroethene

Concen: 49.497 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

Tgt Ion:164 Resp: 102154

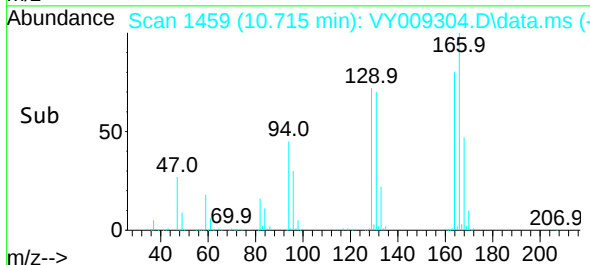
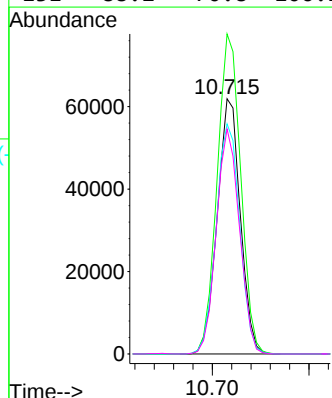
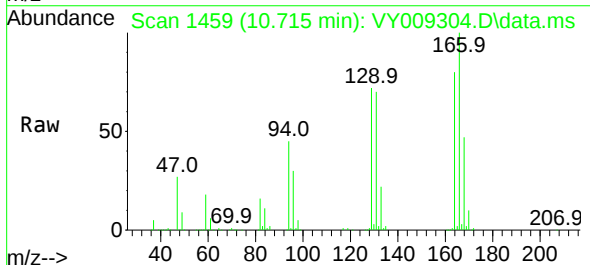
Ion Ratio Lower Upper

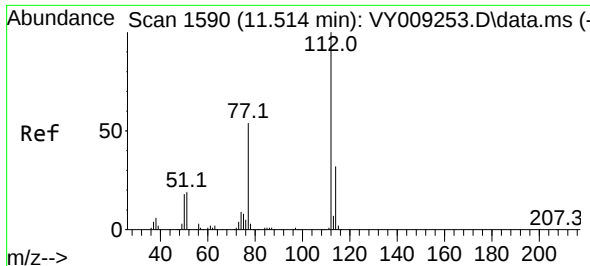
164 100

166 125.4 100.4 150.6

129 90.2 71.4 107.0

131 88.2 70.8 106.2

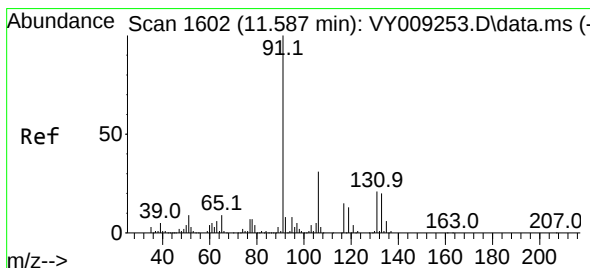
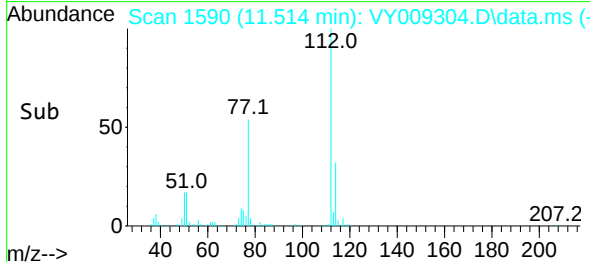
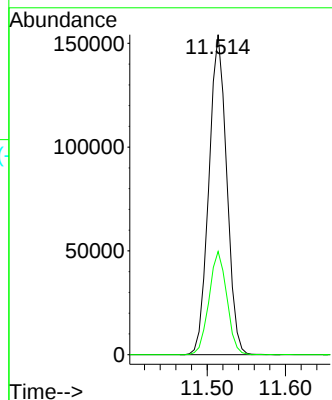
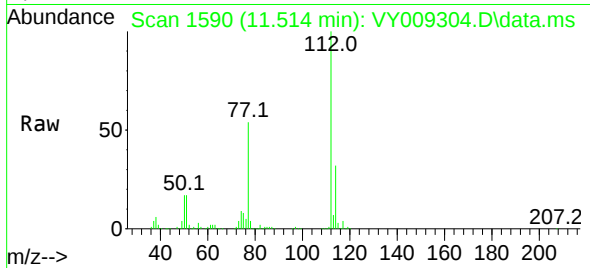




#65
Chlorobenzene
Concen: 50.562 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

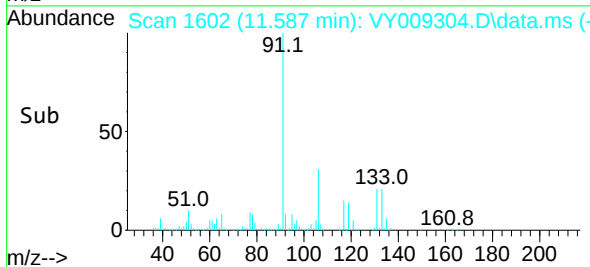
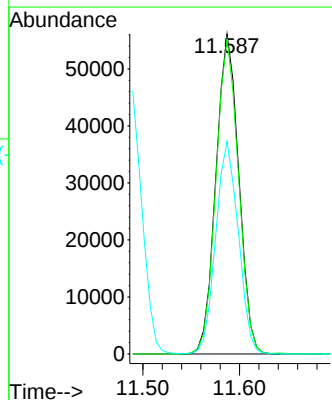
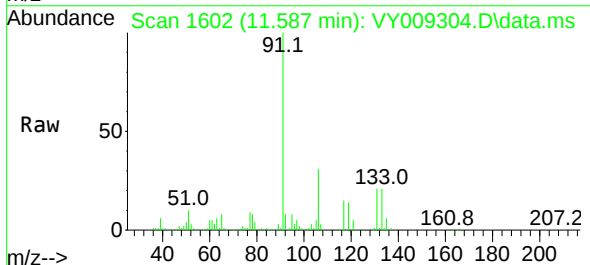
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

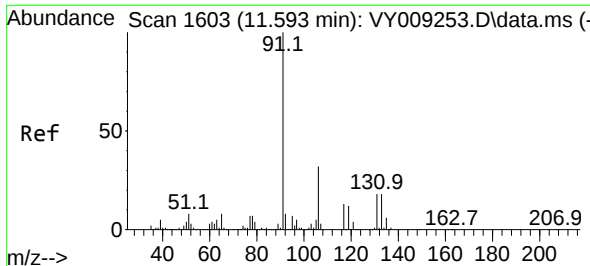
Tgt Ion:112 Resp: 243656
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.088 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion:131 Resp: 91775
Ion Ratio Lower Upper
131 100
133 97.1 47.9 143.6
119 65.8 30.8 92.3





#67

Ethyl Benzene

Concen: 50.961 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

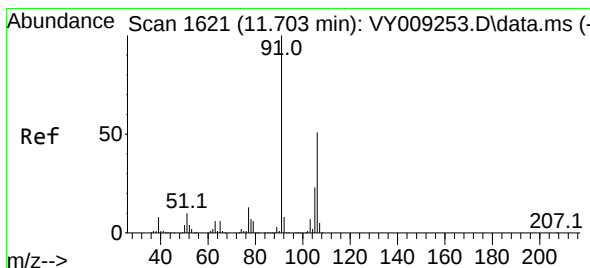
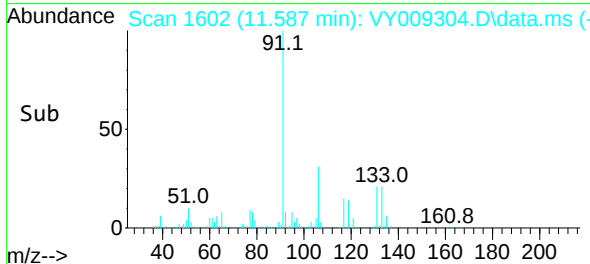
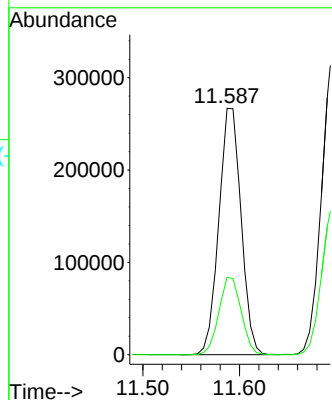
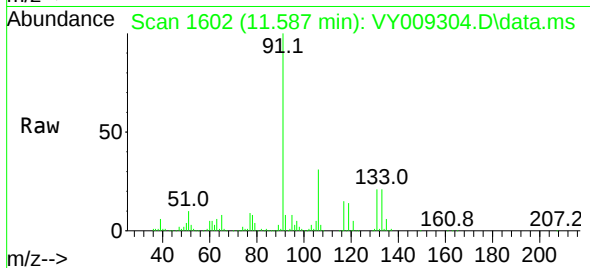
VSTDCCC050EC

Tgt Ion: 91 Resp: 425606

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 99.397 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY009304.D

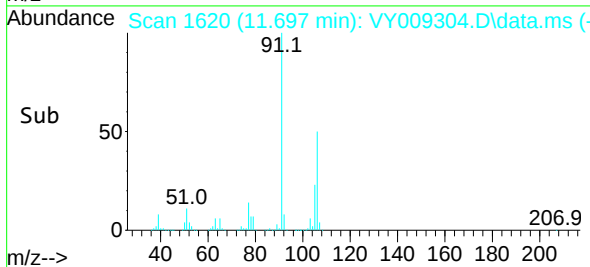
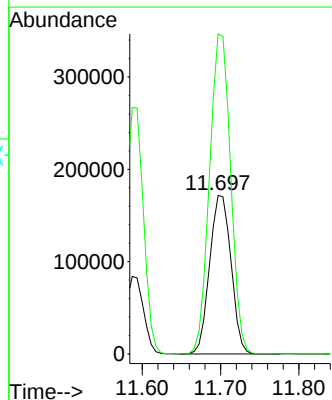
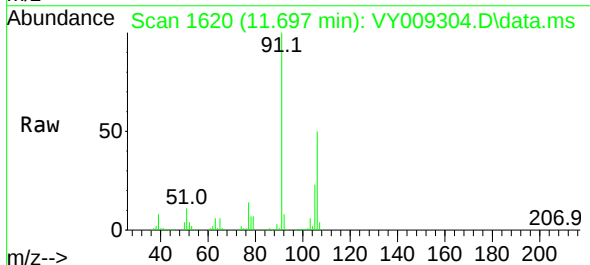
Acq: 23 Jun 2022 19:04

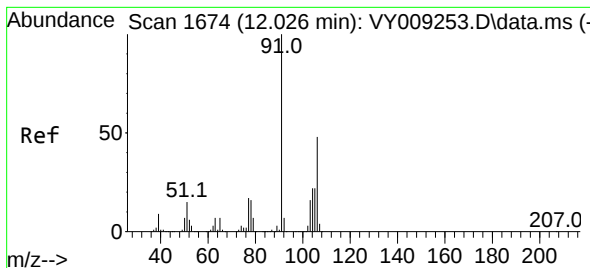
Tgt Ion:106 Resp: 325736

Ion Ratio Lower Upper

106 100

91 199.3 166.6 249.8

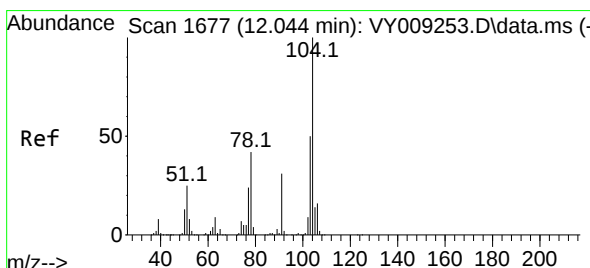
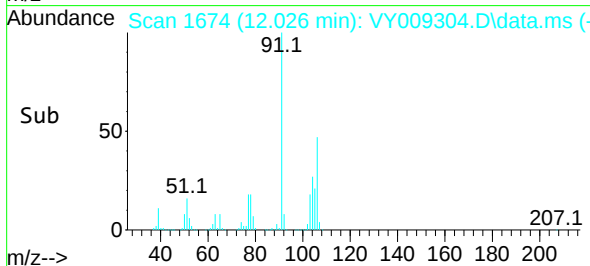
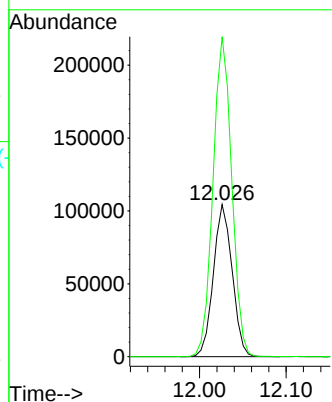
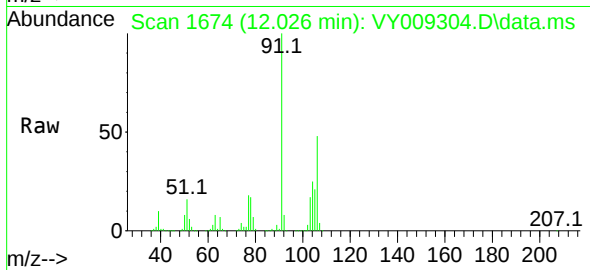




#69
o-Xylene
Concen: 50.460 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

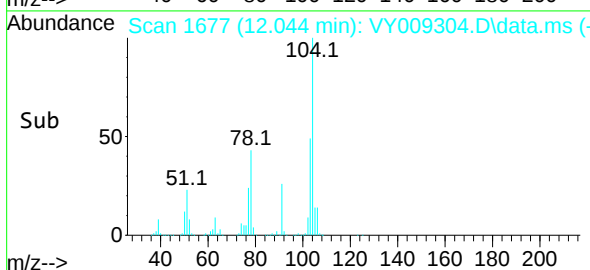
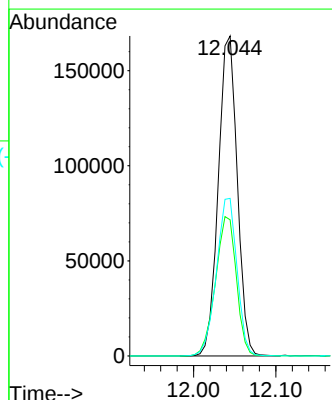
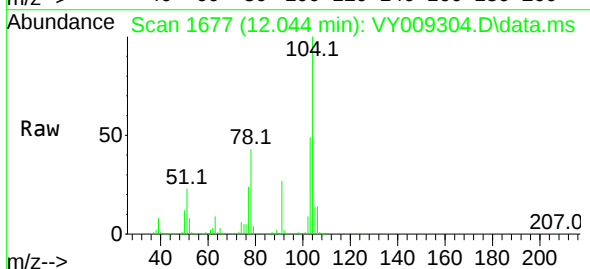
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

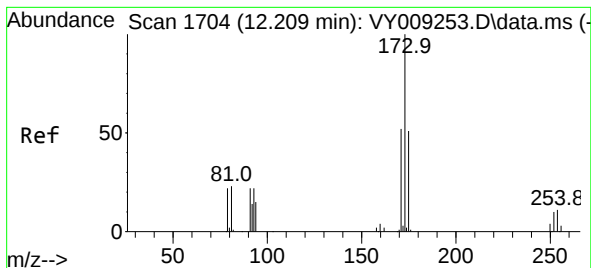
Tgt Ion:106 Resp: 157256
Ion Ratio Lower Upper
106 100
91 209.9 110.3 331.0



#70
Styrene
Concen: 52.228 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion:104 Resp: 269928
Ion Ratio Lower Upper
104 100
78 47.9 42.4 63.6
103 53.5 44.4 66.6





#71

Bromoform

Concen: 52.307 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

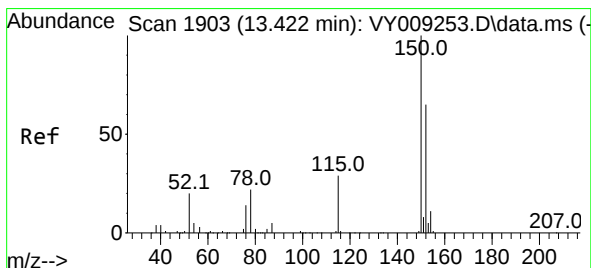
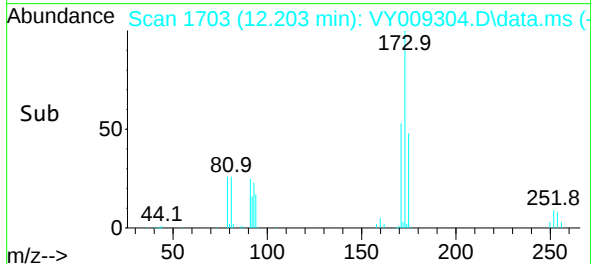
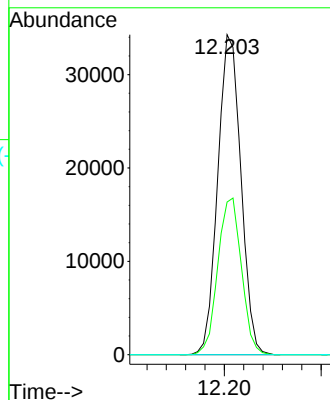
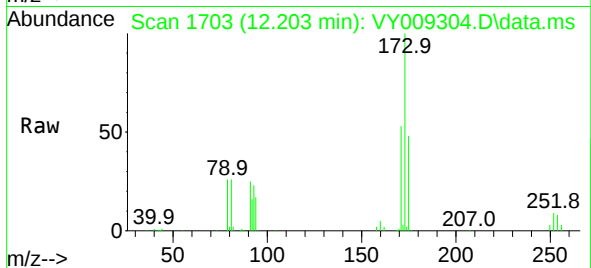
Tgt Ion:173 Resp: 56965

Ion Ratio Lower Upper

173 100

175 49.9 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

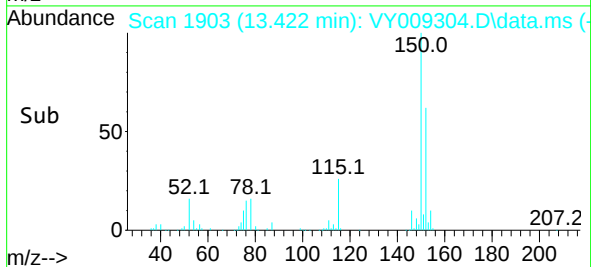
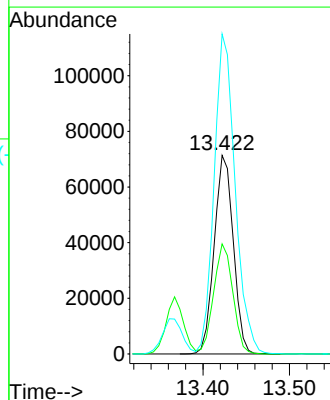
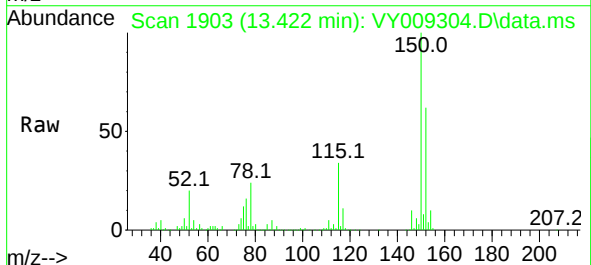
Tgt Ion:152 Resp: 109258

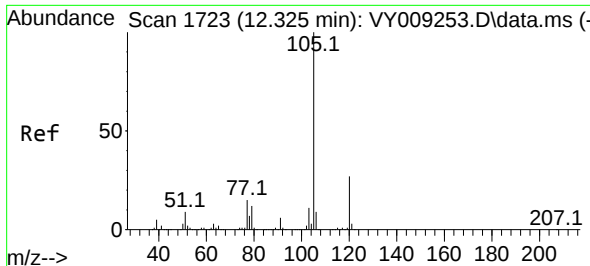
Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 177.3 0.0 347.6

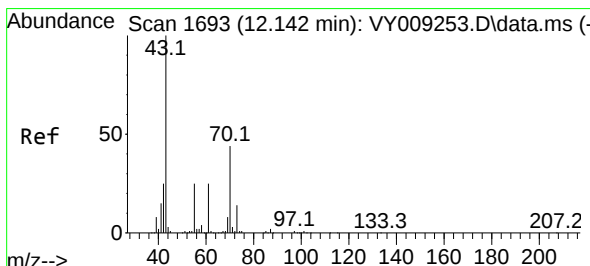
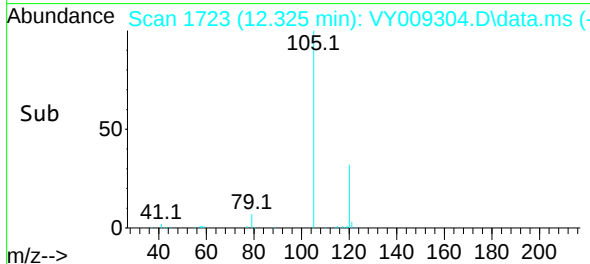
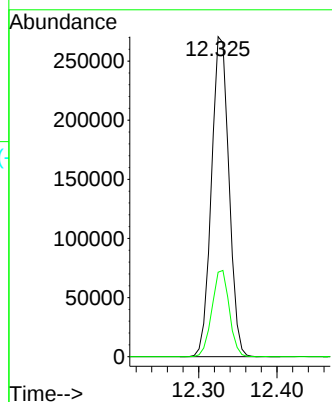
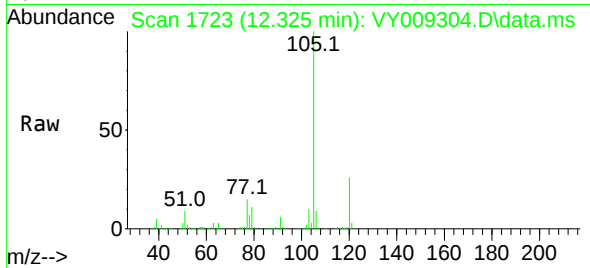




#73
Isopropylbenzene
Concen: 49.004 ug/l
RT: 12.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

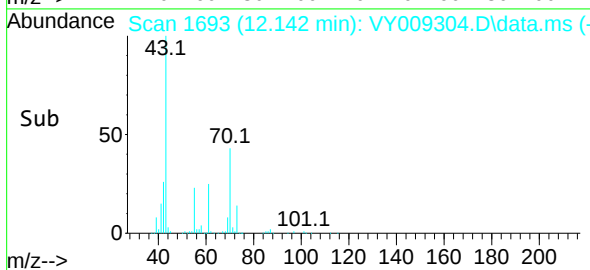
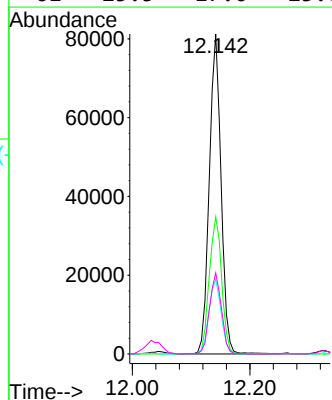
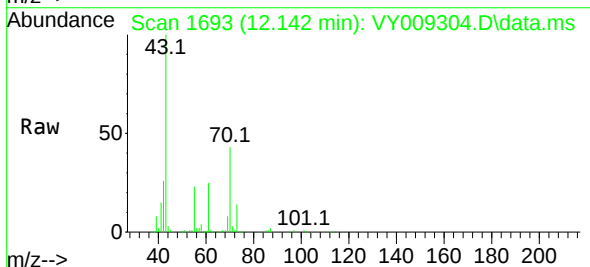
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

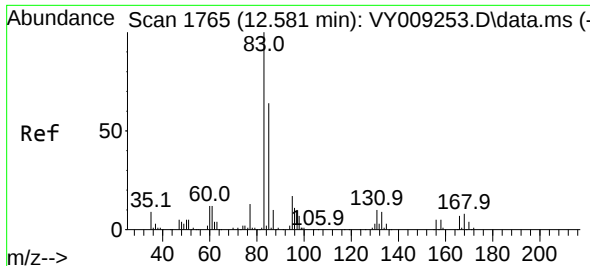
Tgt Ion:105 Resp: 420044
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 49.514 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 43 Resp: 113367
Ion Ratio Lower Upper
43 100
70 44.8 28.7 43.1#
55 24.3 17.3 25.9
61 25.5 17.0 25.6

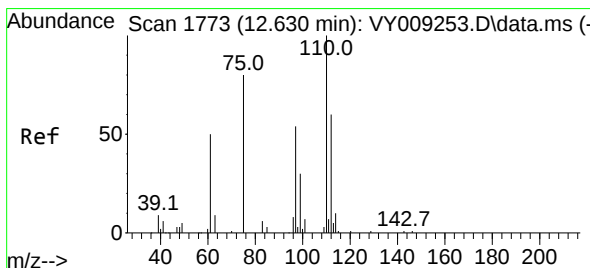
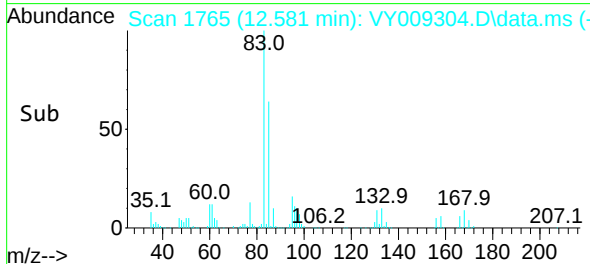
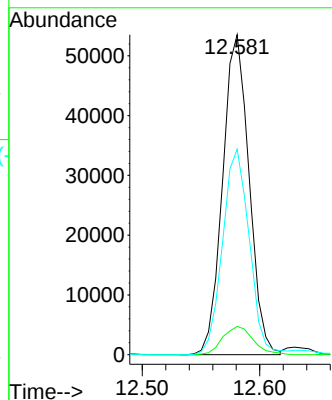
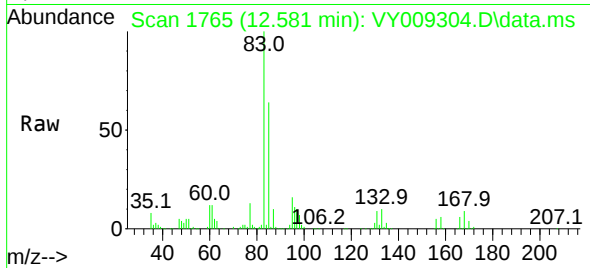




#75
1,1,2,2-Tetrachloroethane
Concen: 51.338 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

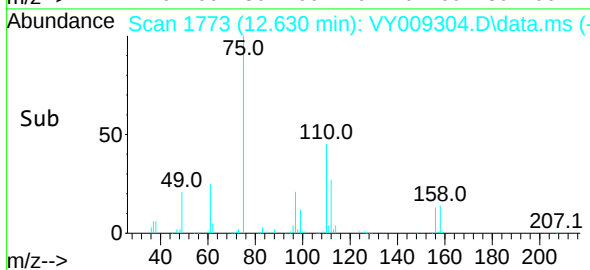
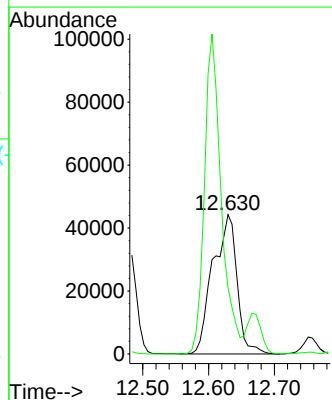
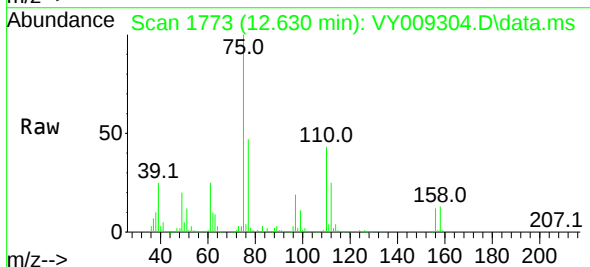
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

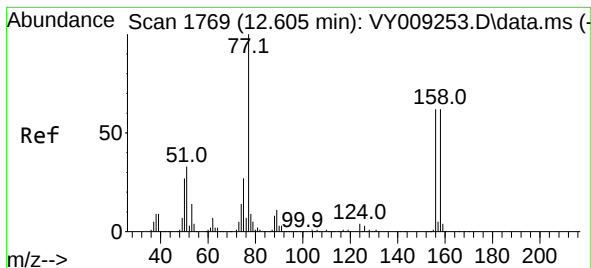
Tgt Ion: 83 Resp: 83725
Ion Ratio Lower Upper
83 100
131 10.2 5.6 16.8
85 65.0 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 88.278 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 75 Resp: 113079
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.365 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

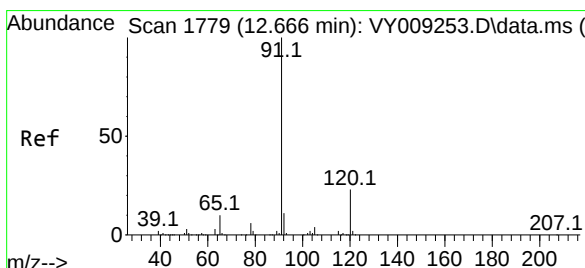
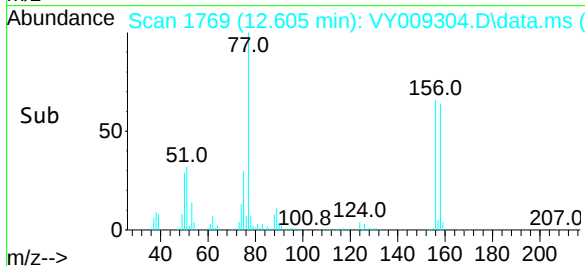
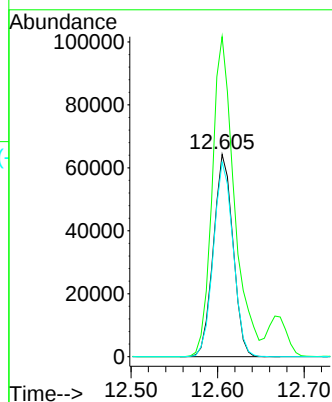
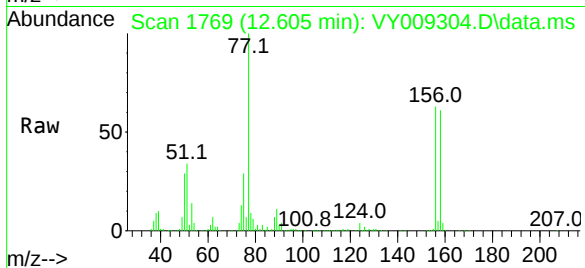
Tgt Ion:156 Resp: 100698

Ion Ratio Lower Upper

156 100

77 179.2 95.5 286.4

158 97.2 48.0 144.0



#78

n-propylbenzene

Concen: 48.692 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009304.D

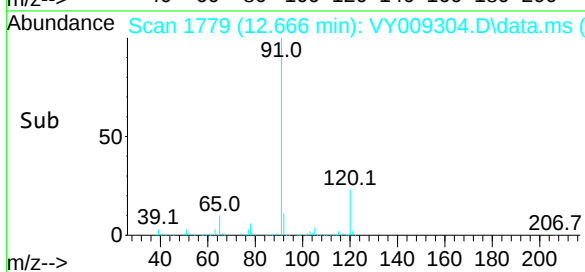
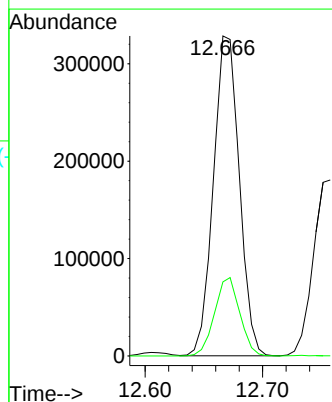
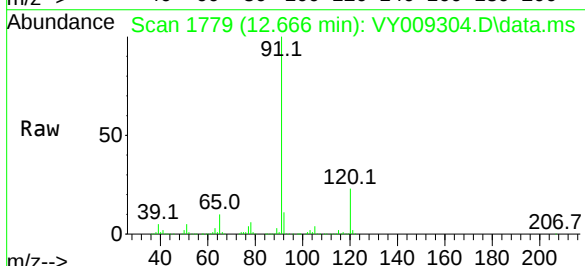
Acq: 23 Jun 2022 19:04

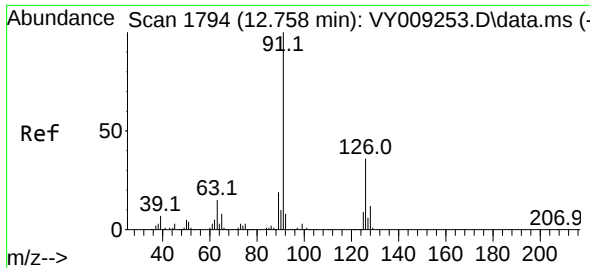
Tgt Ion: 91 Resp: 502880

Ion Ratio Lower Upper

91 100

120 23.9 11.3 33.9

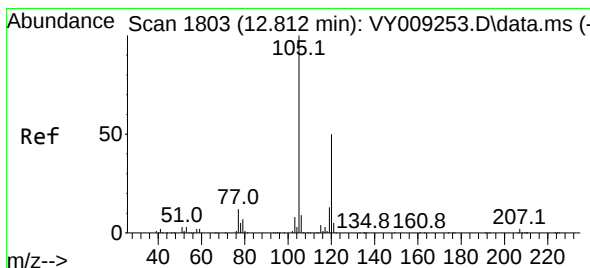
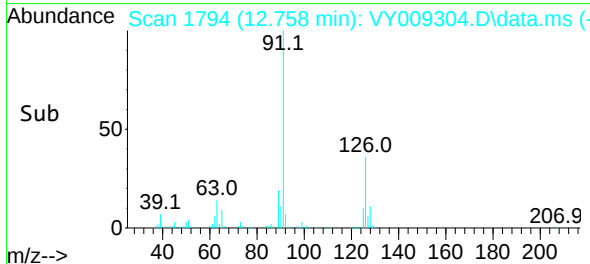
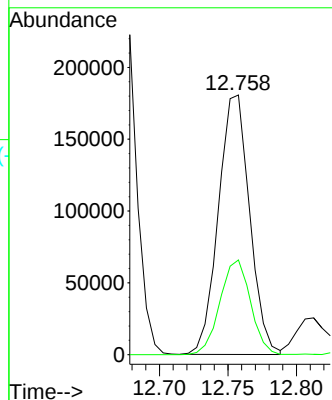
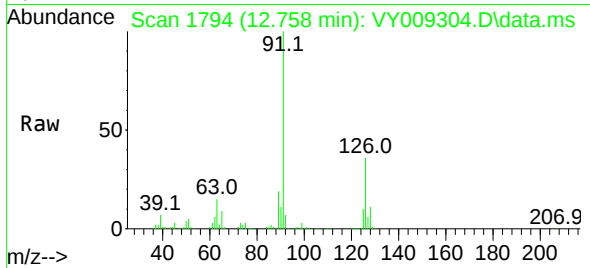




#79
2-Chlorotoluene
Concen: 49.320 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

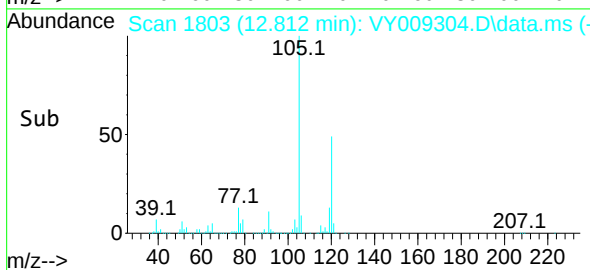
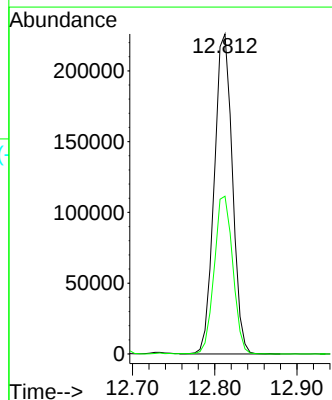
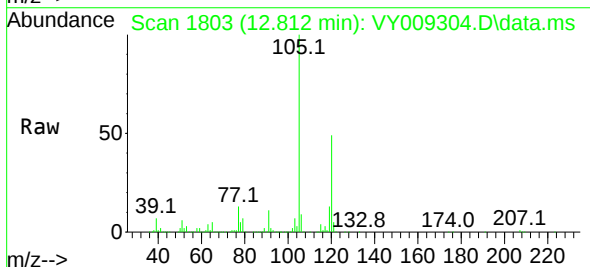
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

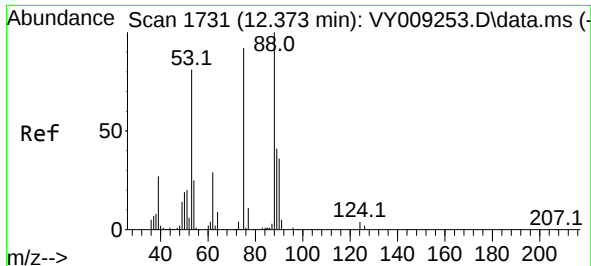
Tgt Ion: 91 Resp: 286911
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 48.681 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 105 Resp: 346411
Ion Ratio Lower Upper
105 100
120 50.5 24.4 73.4

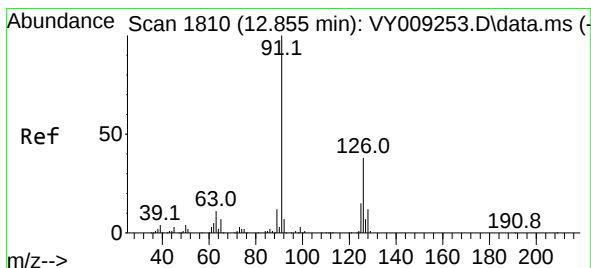
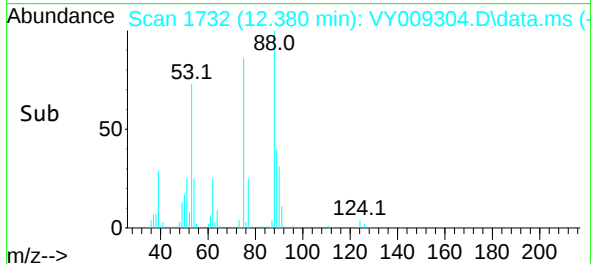
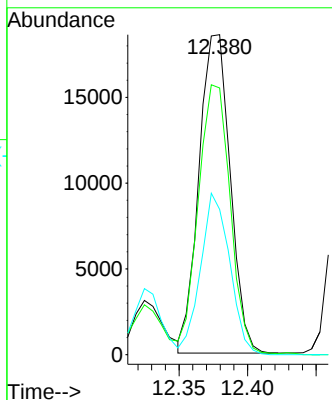
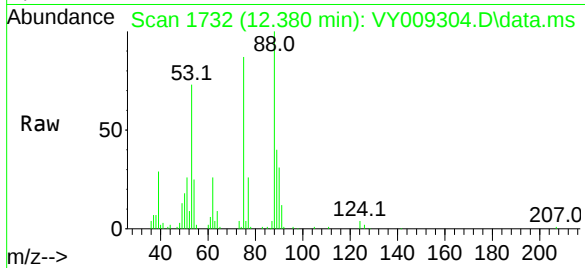




#81
trans-1,4-Dichloro-2-butene
Concen: 48.659 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.007 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

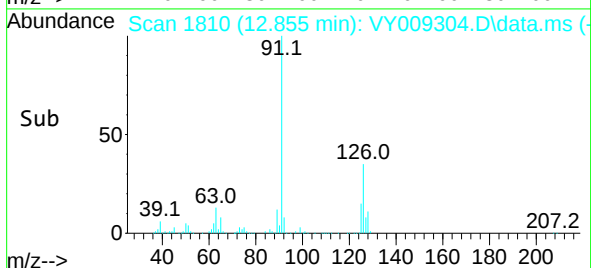
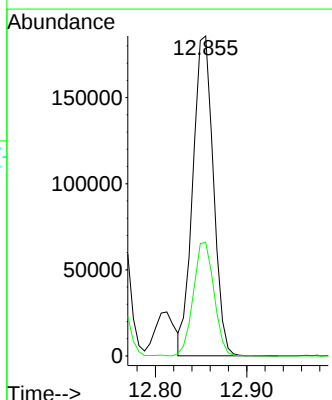
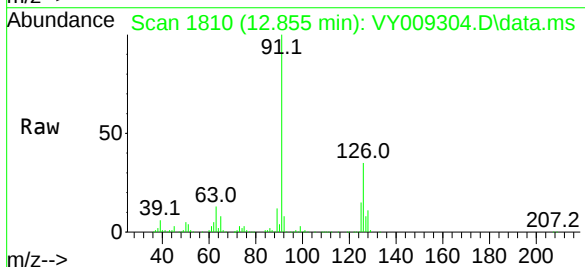
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

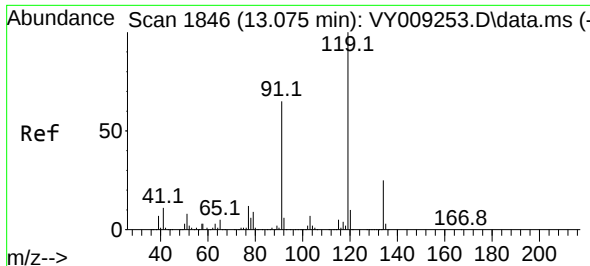
Tgt Ion: 75 Resp: 29396
Ion Ratio Lower Upper
75 100
53 86.1 85.3 127.9
89 47.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 47.720 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 91 Resp: 289547
Ion Ratio Lower Upper
91 100
126 36.0 17.0 51.0

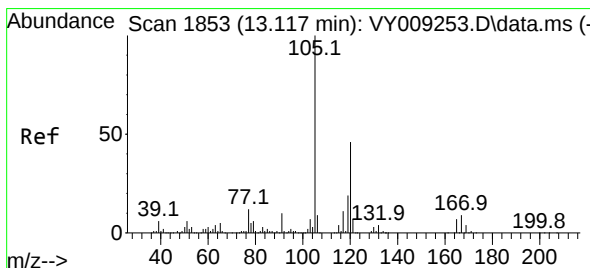
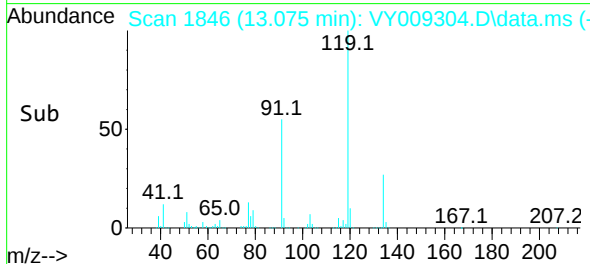
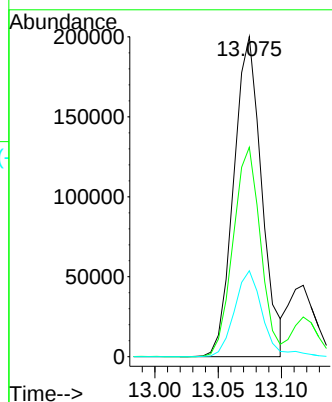
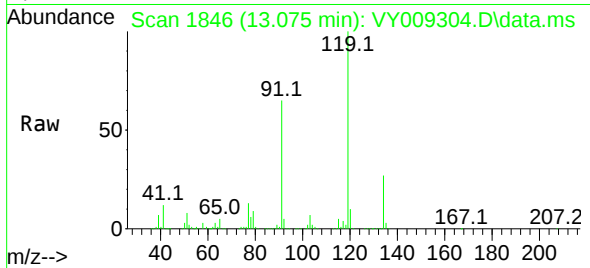




#83
tert-Butylbenzene
Concen: 49.629 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

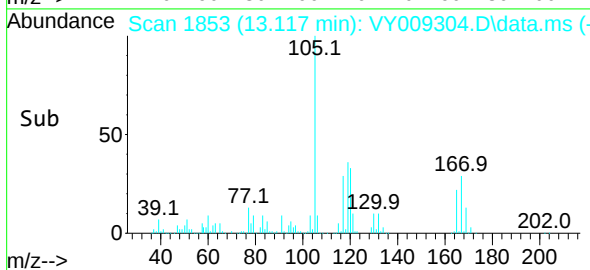
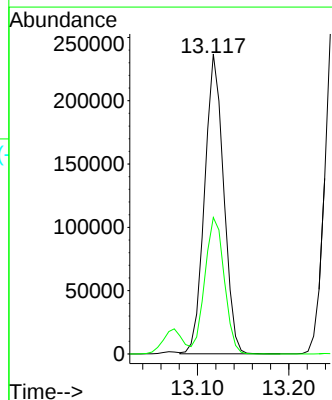
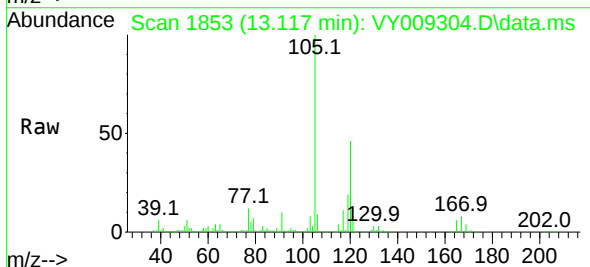
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

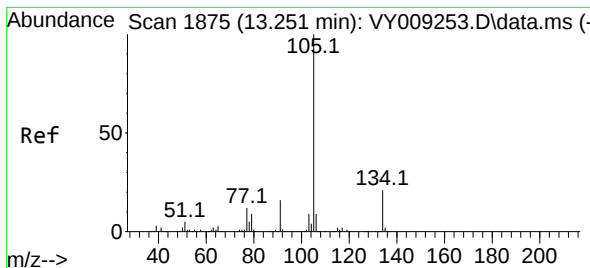
Tgt Ion:119 Resp: 307993
Ion Ratio Lower Upper
119 100
91 64.4 34.8 104.4
134 27.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 49.001 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion:105 Resp: 341699
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 49.152 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

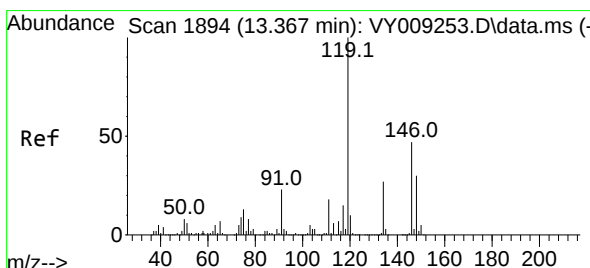
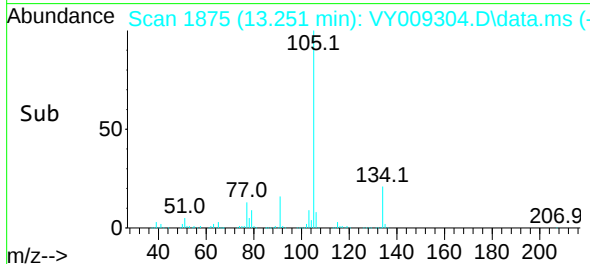
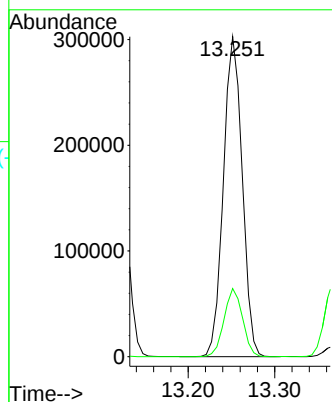
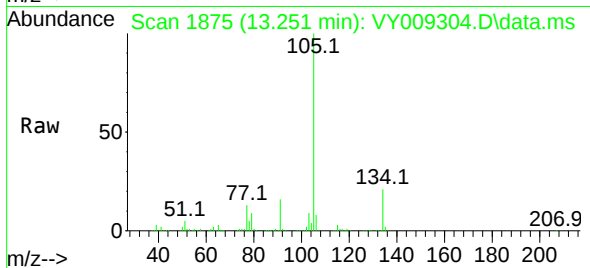
VSTDCCC050EC

Tgt Ion:105 Resp: 456614

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 48.792 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

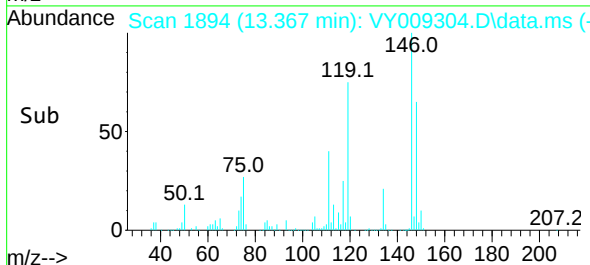
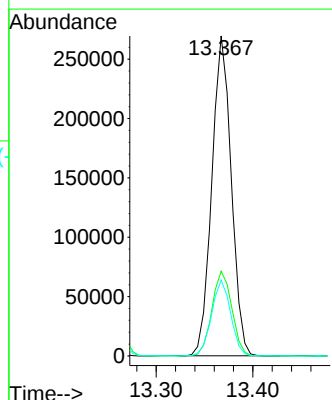
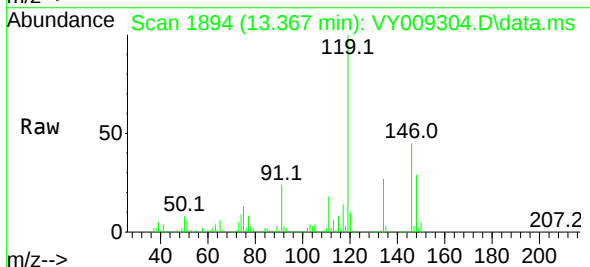
Tgt Ion:119 Resp: 376727

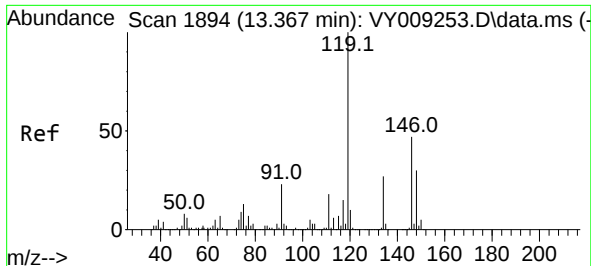
Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.5

91 23.3 12.4 37.2

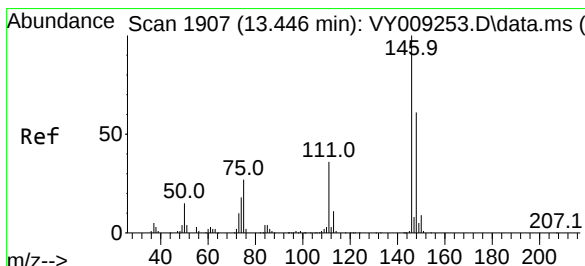
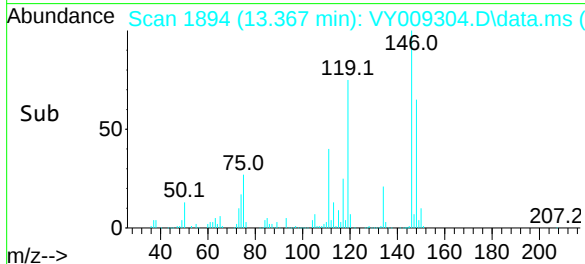
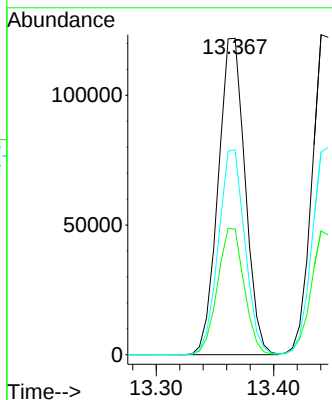
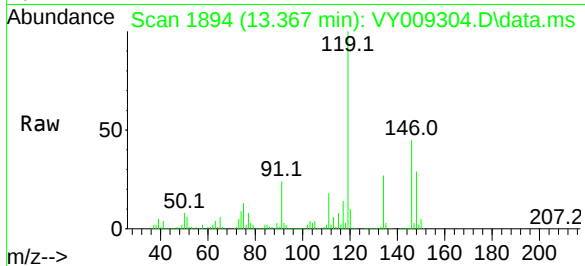




#87
 1,3-Dichlorobenzene
 Concen: 48.326 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009304.D
 Acq: 23 Jun 2022 19:04

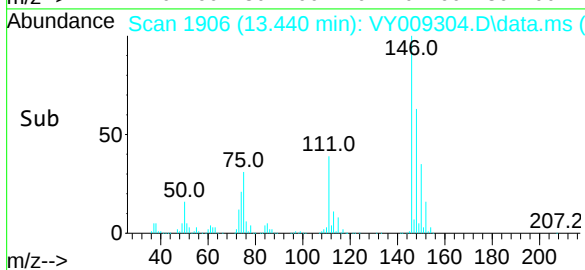
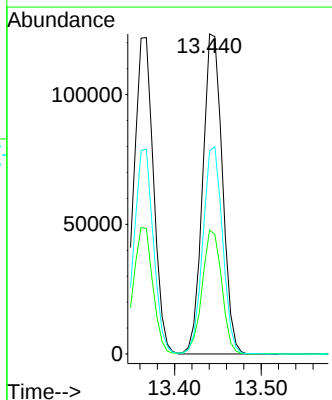
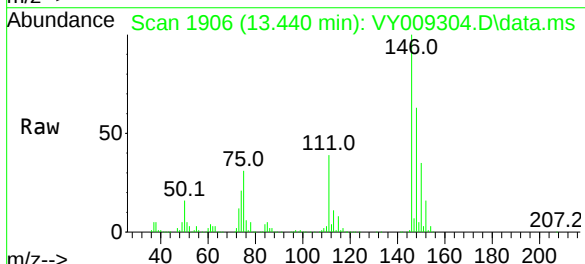
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

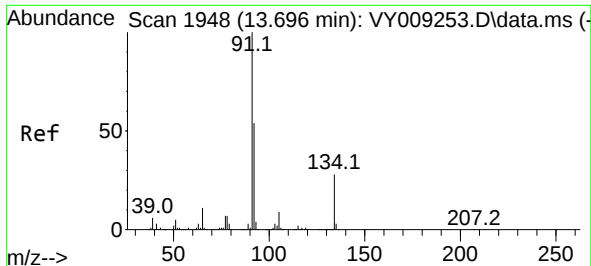
Tgt Ion:146 Resp: 194486
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.5 58.5
 148 63.8 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 48.248 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VY009304.D
 Acq: 23 Jun 2022 19:04

Tgt Ion:146 Resp: 194825
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.3 57.8
 148 64.8 32.6 97.8





#89

n-Butylbenzene

Concen: 49.319 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

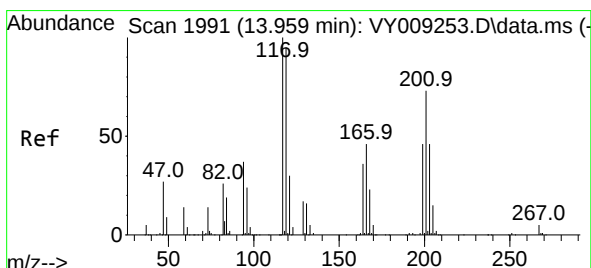
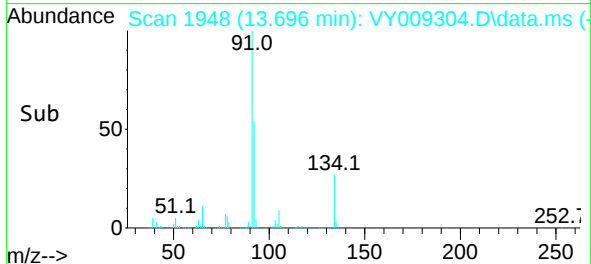
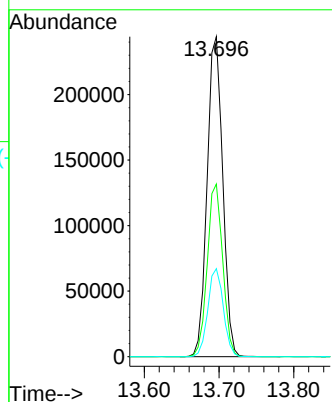
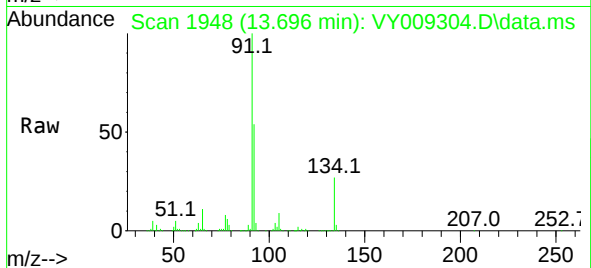
Tgt Ion: 91 Resp: 354632

Ion Ratio Lower Upper

91 100

92 53.4 26.3 78.9

134 27.3 13.0 38.9



#90

Hexachloroethane

Concen: 49.954 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY009304.D

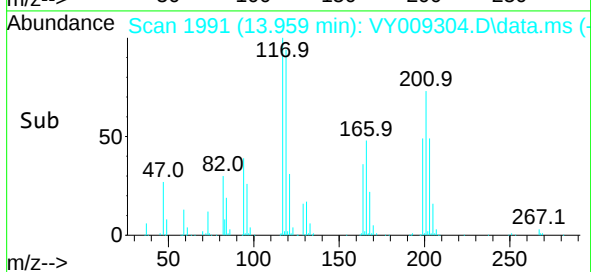
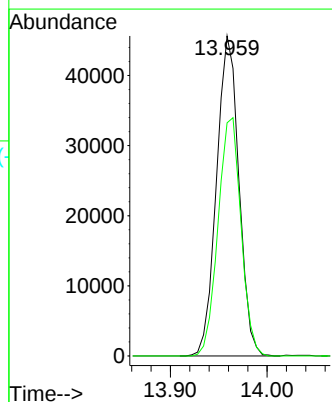
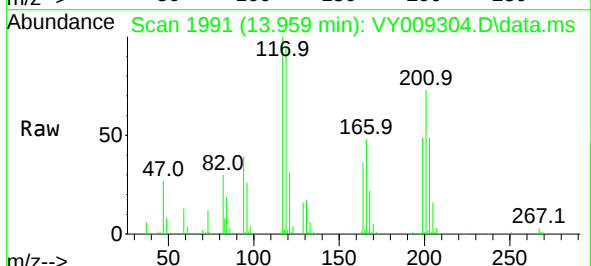
Acq: 23 Jun 2022 19:04

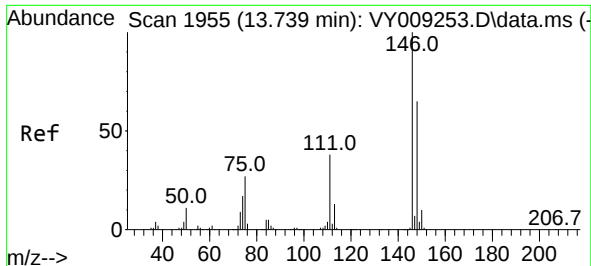
Tgt Ion: 117 Resp: 73164

Ion Ratio Lower Upper

117 100

201 76.5 43.0 128.8

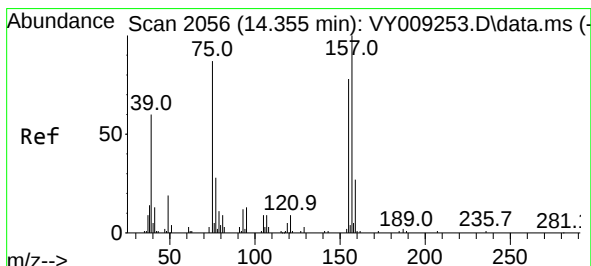
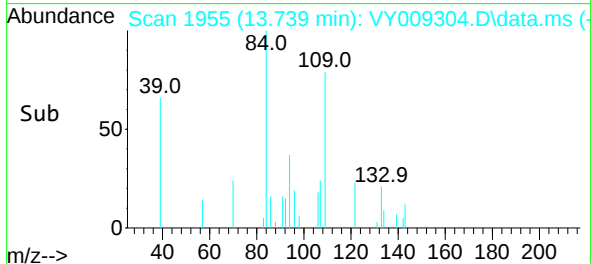
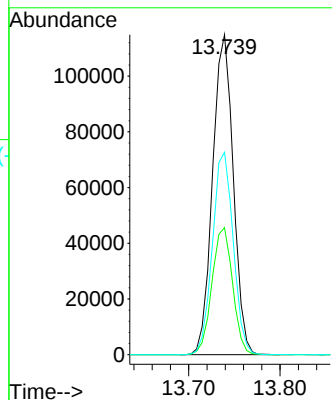
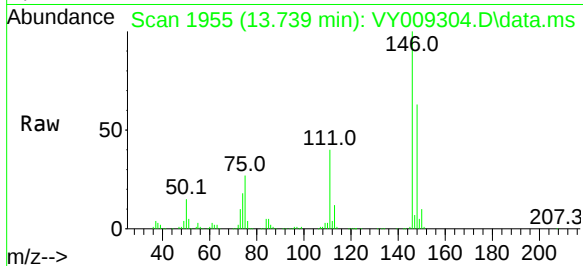




#91
1,2-Dichlorobenzene
Concen: 49.924 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

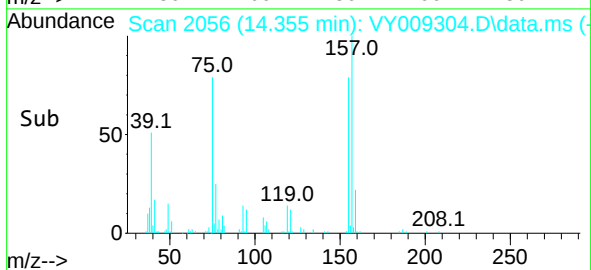
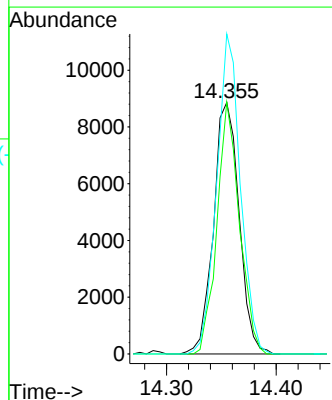
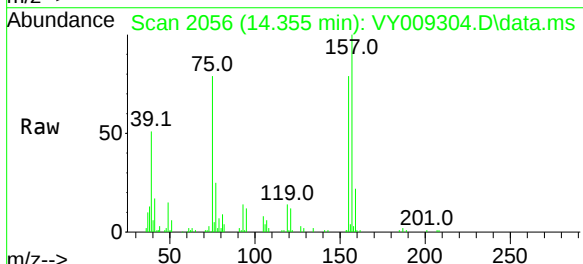
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

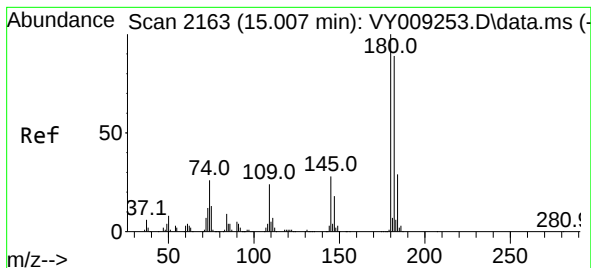
Tgt Ion:146 Resp: 180516
Ion Ratio Lower Upper
146 100
111 39.8 20.3 60.9
148 63.7 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.510 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion: 75 Resp: 14382
Ion Ratio Lower Upper
75 100
155 87.7 38.0 113.9
157 118.5 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 50.306 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

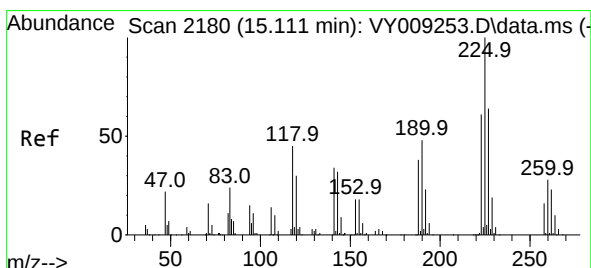
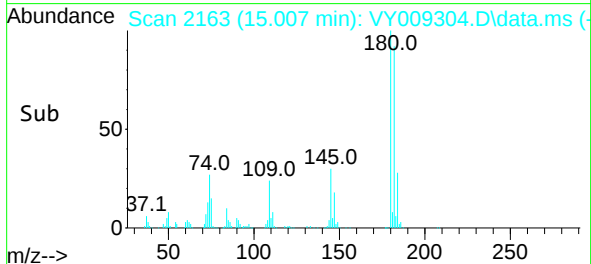
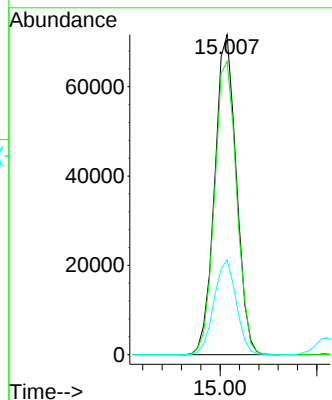
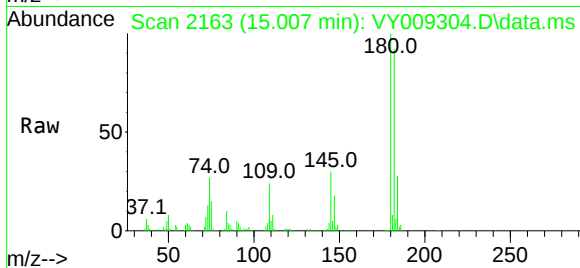
Tgt Ion:180 Resp: 111284

Ion Ratio Lower Upper

180 100

182 93.8 47.3 141.9

145 30.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 52.214 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009304.D

Acq: 23 Jun 2022 19:04

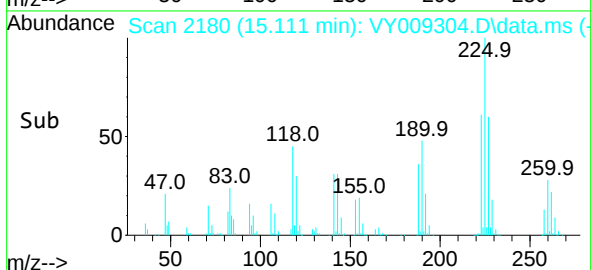
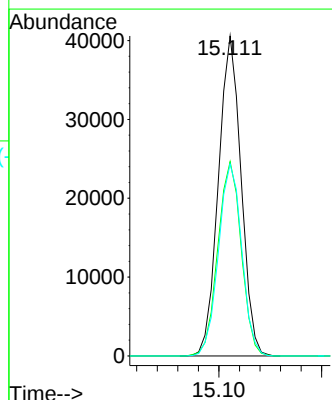
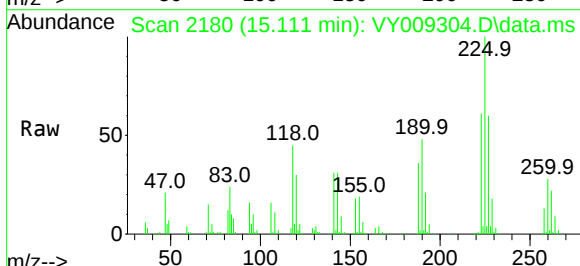
Tgt Ion:225 Resp: 62145

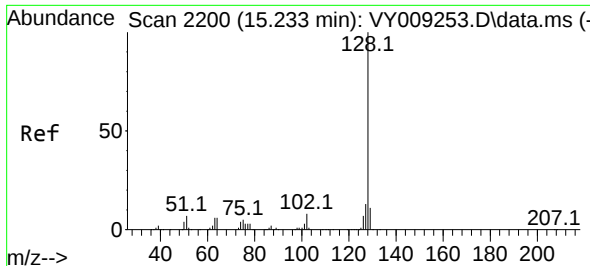
Ion Ratio Lower Upper

225 100

223 62.4 30.8 92.3

227 61.5 31.6 94.7

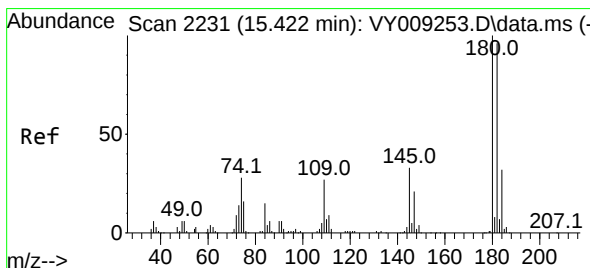
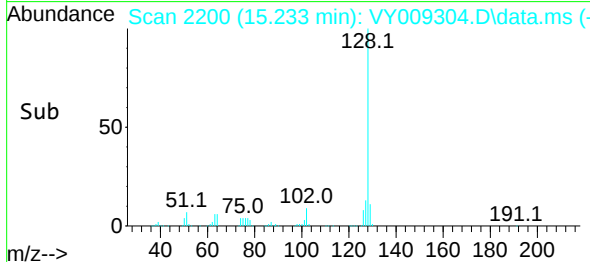
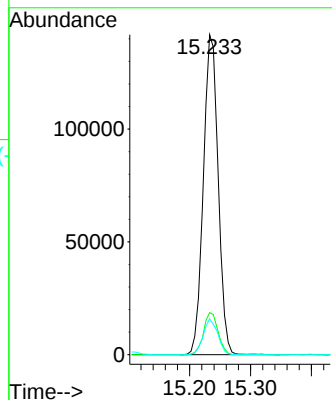
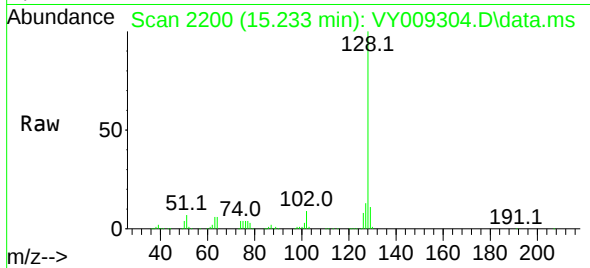




#95
Naphthalene
Concen: 54.006 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 239665
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 10.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 51.669 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY009304.D
Acq: 23 Jun 2022 19:04

Tgt Ion:180 Resp: 97692
Ion Ratio Lower Upper
180 100
182 93.7 47.3 141.9
145 31.1 15.3 45.9

