

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010027.D
 Acq On : 15 Aug 2022 02:51
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 15 06:24:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	17411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	28677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	27406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	14670	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	10284	58.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.460%	
35) Dibromofluoromethane	7.709	113	10671	60.798	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.600%	
50) Toluene-d8	10.179	98	38163	56.747	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.500%	
62) 4-Bromofluorobenzene	12.477	95	13037	52.910	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	7894	50.504	ug/l	93
3) Chloromethane	2.107	50	5241	45.649	ug/l	92
4) Vinyl Chloride	2.247	62	5413	44.747	ug/l	99
5) Bromomethane	2.649	94	4891	58.226	ug/l	94
6) Chloroethane	2.790	64	3745	46.826	ug/l	91
7) Trichlorofluoromethane	3.119	101	14989	50.017	ug/l	92
8) Diethyl Ether	3.521	74	5106	45.264	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.893	101	9144	47.484	ug/l	98
10) Methyl Iodide	4.088	142	13124	56.971	ug/l	100
11) Tert butyl alcohol	4.948	59	4642	269.816	ug/l	99
12) 1,1-Dichloroethene	3.869	96	8543	45.692	ug/l	86
13) Acrolein	3.728	56	4238	186.487	ug/l	97
14) Allyl chloride	4.478	41	9130	35.026	ug/l #	84
15) Acrylonitrile	5.155	53	14419	267.052	ug/l	95
16) Acetone	3.942	43	9925	233.980	ug/l #	81
17) Carbon Disulfide	4.186	76	27900	45.851	ug/l	97
18) Methyl Acetate	4.472	43	5553	47.438	ug/l #	77
19) Methyl tert-butyl Ether	5.216	73	23034	50.417	ug/l	97
20) Methylene Chloride	4.710	84	12890	59.310	ug/l #	72
21) trans-1,2-Dichloroethene	5.216	96	10270	49.427	ug/l	84
22) Diisopropyl ether	6.112	45	22462	42.623	ug/l #	94
23) Vinyl Acetate	6.051	43	72251	221.884	ug/l #	86
24) 1,1-Dichloroethane	6.009	63	16222	48.239	ug/l	96
25) 2-Butanone	6.978	43	14961	227.299	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	12274	41.179	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	11742	52.607	ug/l	84
28) Bromochloromethane	7.325	49	5308	39.518	ug/l #	52
29) Tetrahydrofuran	7.344	42	9255	222.486	ug/l #	72
30) Chloroform	7.502	83	18274	52.552	ug/l	95
31) Cyclohexane	7.776	56	12280	38.844	ug/l #	87
32) 1,1,1-Trichloroethane	7.697	97	15617	52.853	ug/l	100
36) 1,1-Dichloropropene	7.911	75	12341	47.218	ug/l	96
37) Ethyl Acetate	7.069	43	5906	41.870	ug/l #	85
38) Carbon Tetrachloride	7.892	117	15194	58.254	ug/l	94
39) Methylcyclohexane	9.179	83	14655	46.568	ug/l	97
40) Benzene	8.154	78	41067	51.923	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	3225	43.044	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	12142	59.263	ug/l	97
43) Isopropyl Acetate	8.270	43	11495	46.949	ug/l #	88
44) Trichloroethene	8.935	130	11490	53.645	ug/l	98
45) 1,2-Dichloropropane	9.215	63	9515	50.138	ug/l	98
46) Dibromomethane	9.301	93	6529	57.145	ug/l	93
47) Bromodichloromethane	9.490	83	14353	56.507	ug/l	97
48) Methyl methacrylate	9.288	41	5226	48.645	ug/l #	85
49) 1,4-Dioxane	9.288	88	1961	1363.726	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	32755	246.750	ug/l	92
52) Toluene	10.239	92	26549	55.740	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	13420	51.409	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	15583	51.628	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	9592	58.701	ug/l	97
56) Ethyl methacrylate	10.508	69	10193	50.451	ug/l	88
57) 1,3-Dichloropropane	10.788	76	14845	56.007	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	18668	211.100	ug/l	96
59) 2-Hexanone	10.831	43	21944	239.564	ug/l	91
60) Dibromochloromethane	10.983	129	11104	59.500	ug/l	97
61) 1,2-Dibromoethane	11.087	107	9565	61.117	ug/l	97
64) Tetrachloroethene	10.715	164	11671	58.293	ug/l	97
65) Chlorobenzene	11.514	112	28266	50.812	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	11642	58.748	ug/l	97
67) Ethyl Benzene	11.593	91	44922	48.028	ug/l	97
68) m/p-Xylenes	11.703	106	36874	101.847	ug/l	98
69) o-Xylene	12.026	106	17220	50.152	ug/l	97
70) Styrene	12.044	104	29448	50.349	ug/l	98
71) Bromoform	12.209	173	7462	59.608	ug/l #	98
73) Isopropylbenzene	12.331	105	44225	44.917	ug/l	99
74) N-amyl acetate	12.142	43	9417	37.389	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	11356	49.971	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	13427	79.204	ug/l #	100
77) Bromobenzene	12.605	156	11649	48.906	ug/l	96
78) n-propylbenzene	12.666	91	55258	44.718	ug/l	100
79) 2-Chlorotoluene	12.751	91	32706	46.596	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	39592	49.216	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	3443	44.149	ug/l	89
82) 4-Chlorotoluene	12.855	91	34464	47.134	ug/l	99
83) tert-Butylbenzene	13.074	119	33149	46.880	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	38570	47.746	ug/l	98
85) sec-Butylbenzene	13.251	105	51025	47.100	ug/l	98
86) p-Isopropyltoluene	13.367	119	41360	48.366	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	23496	50.045	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	22779	46.671	ug/l	98
89) n-Butylbenzene	13.696	91	36151	43.785	ug/l	99
90) Hexachloroethane	13.958	117	9017	49.171	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	22208	52.586	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1650	45.208	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	9442	39.295	ug/l	98
94) Hexachlorobutadiene	15.111	225	6582	48.506	ug/l	97
95) Naphthalene	15.232	128	19441	34.561	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	8713	40.544	ug/l	98

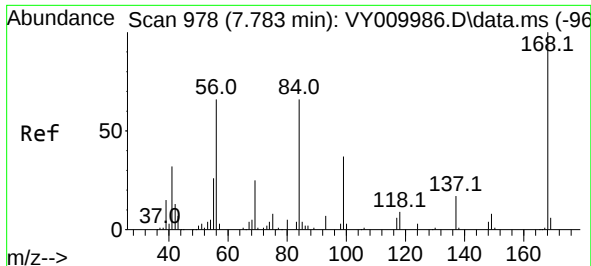
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Quant Title : SW846 8260
QLast Update : Sat Aug 13 02:54:57 2022
Response via : Initial Calibration

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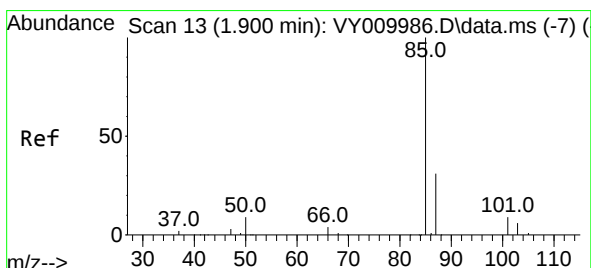
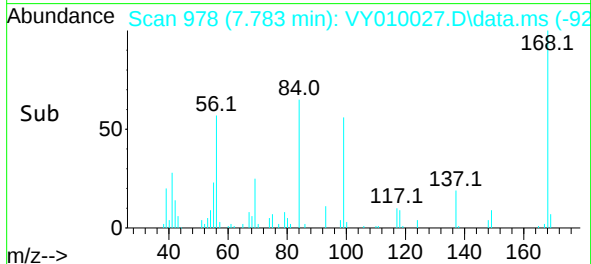
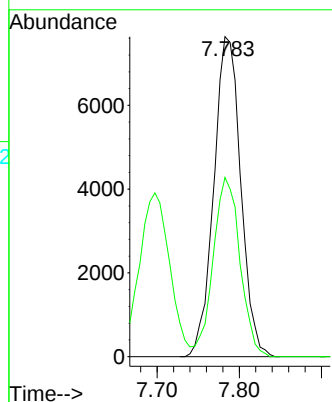
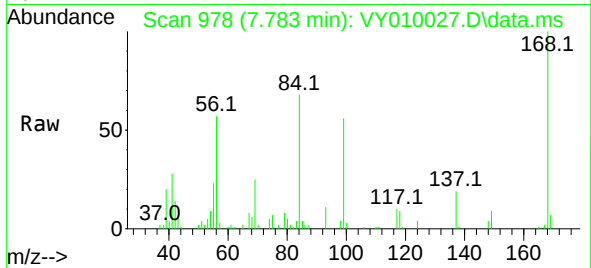
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

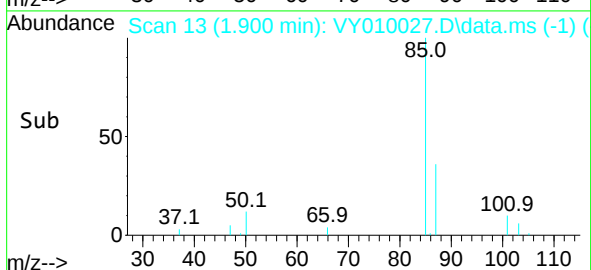
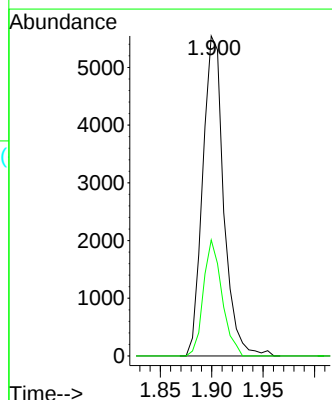
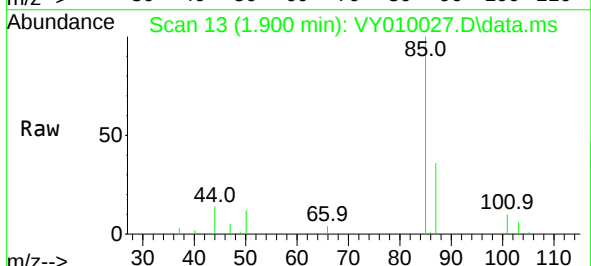
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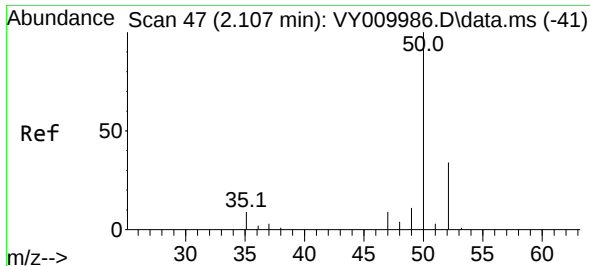
Tgt Ion:168 Resp: 17411
Ion Ratio Lower Upper
168 100
99 56.0 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 50.504 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion: 85 Resp: 7894
Ion Ratio Lower Upper
85 100
87 36.3 16.2 48.5

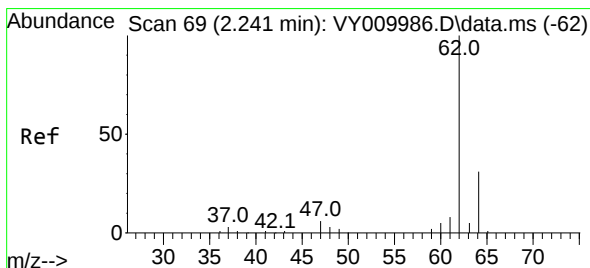
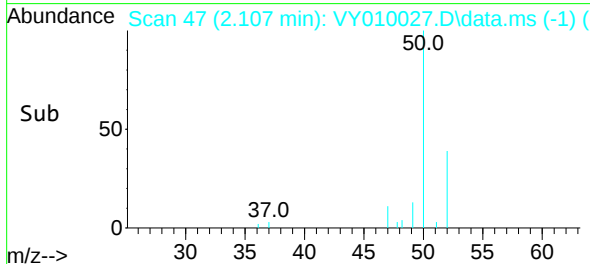
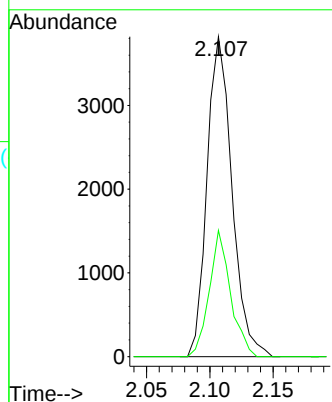
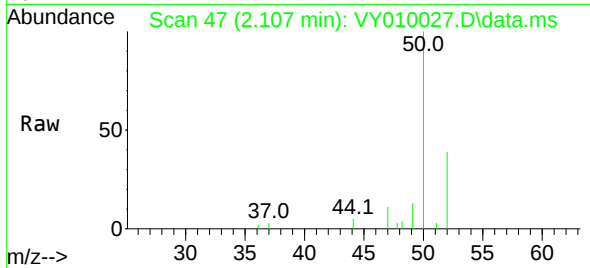




#3
Chloromethane
Concen: 45.649 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

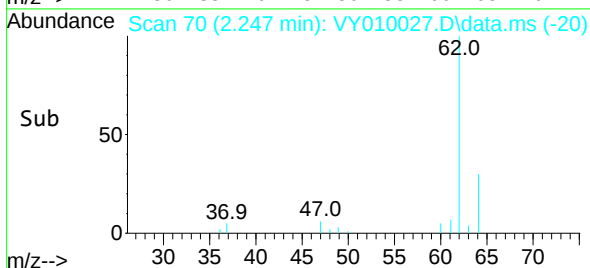
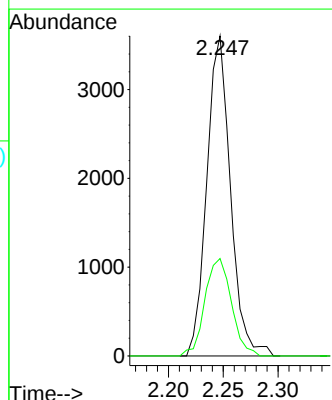
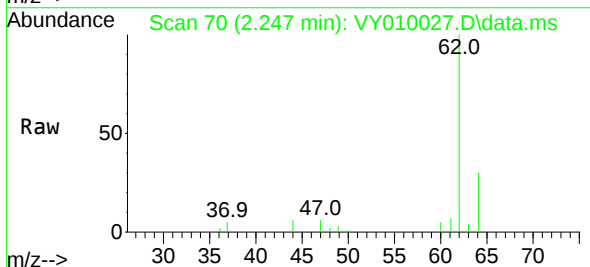
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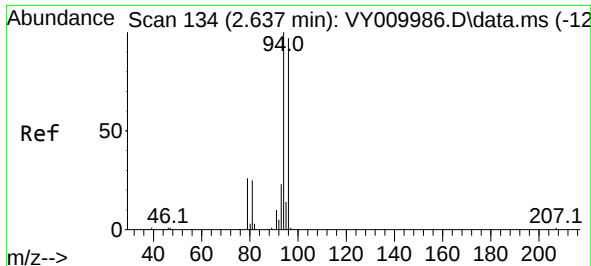
Tgt Ion: 50 Resp: 5241
Ion Ratio Lower Upper
50 100
52 39.5 27.9 41.9



#4
Vinyl Chloride
Concen: 44.747 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion: 62 Resp: 5413
Ion Ratio Lower Upper
62 100
64 30.5 25.0 37.4

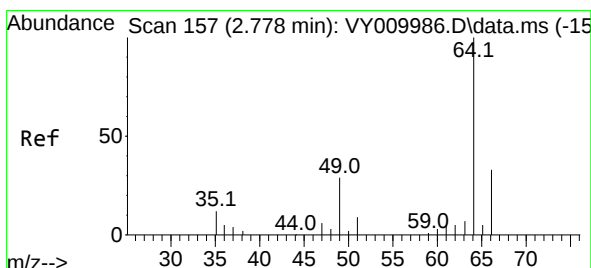
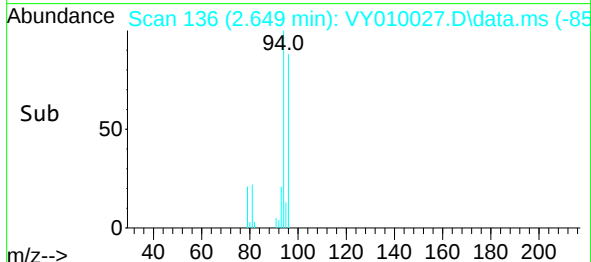
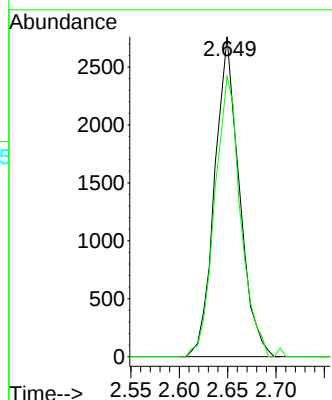
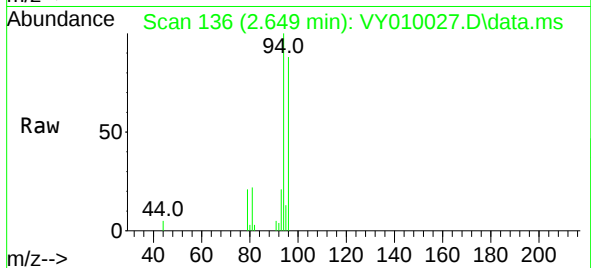




#5
Bromomethane
Concen: 58.226 ug/l
RT: 2.649 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

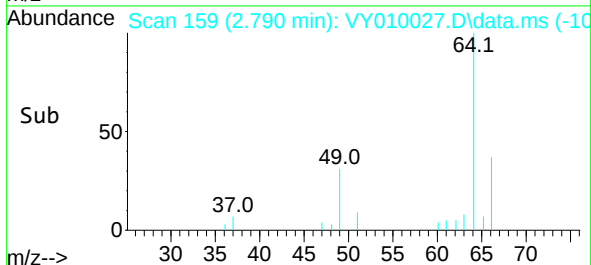
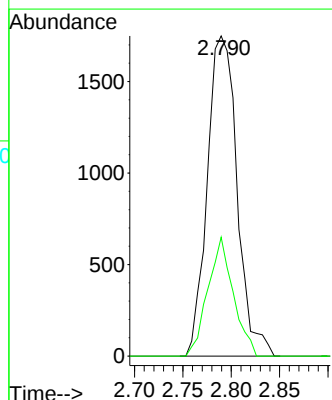
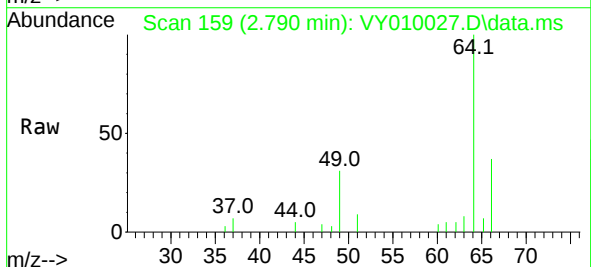
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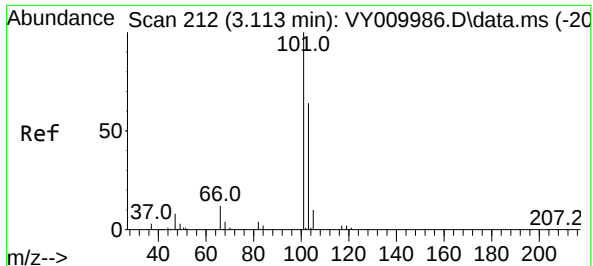
Tgt Ion: 94 Resp: 4891
Ion Ratio Lower Upper
94 100
96 87.5 74.6 111.8



#6
Chloroethane
Concen: 46.826 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.012 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion: 64 Resp: 3745
Ion Ratio Lower Upper
64 100
66 37.1 25.8 38.8

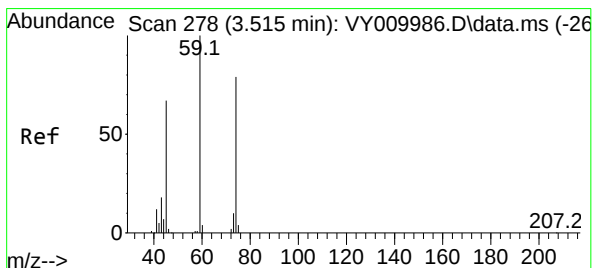
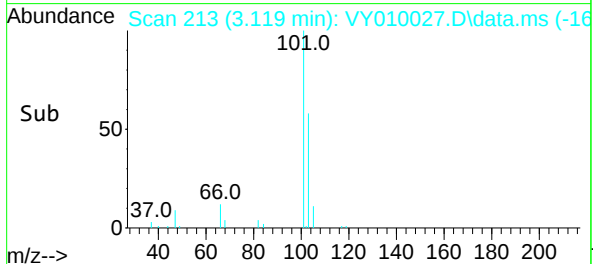
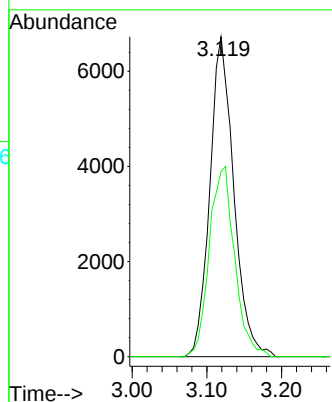
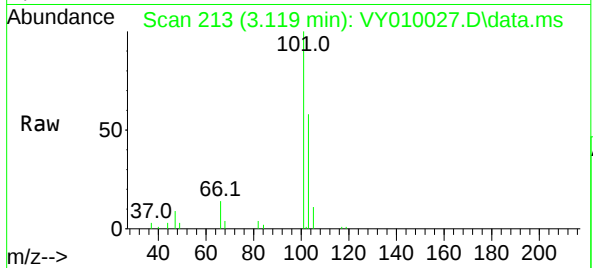




#7
 Trichlorofluoromethane
 Concen: 50.017 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY010027.D
 Acq: 15 Aug 2022 02:51

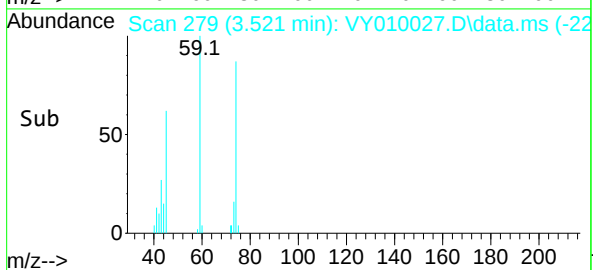
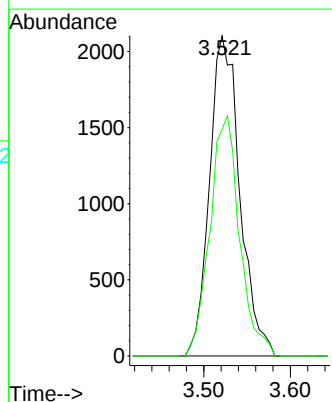
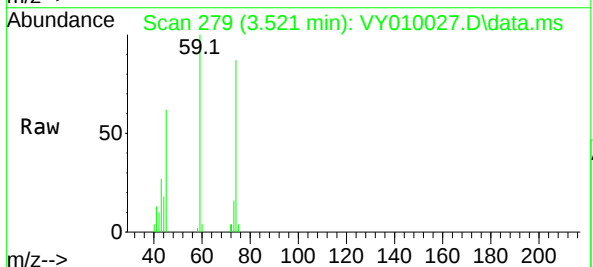
Instrument :
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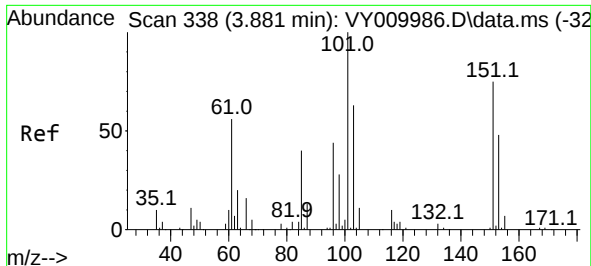
Tgt Ion:101 Resp: 14989
 Ion Ratio Lower Upper
 101 100
 103 57.8 51.4 77.2



#8
 Diethyl Ether
 Concen: 45.264 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY010027.D
 Acq: 15 Aug 2022 02:51

Tgt Ion: 74 Resp: 5106
 Ion Ratio Lower Upper
 74 100
 45 73.4 49.1 147.4

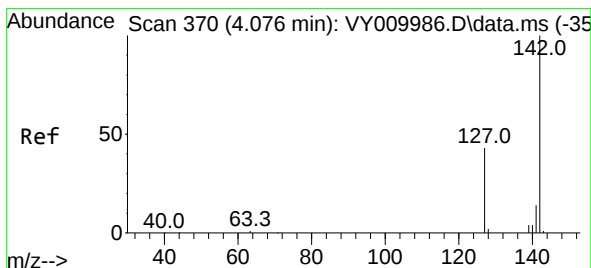
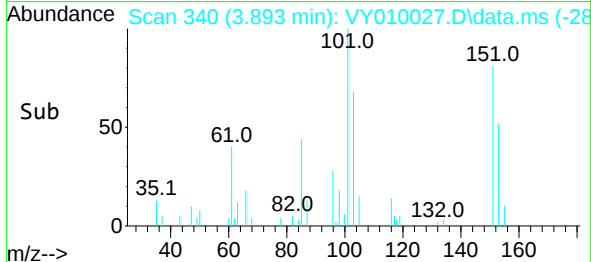
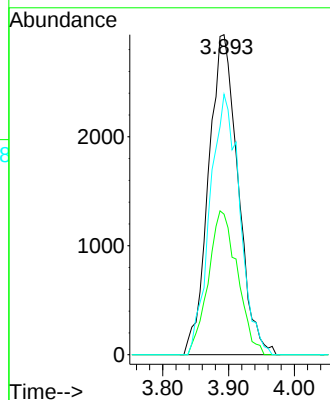
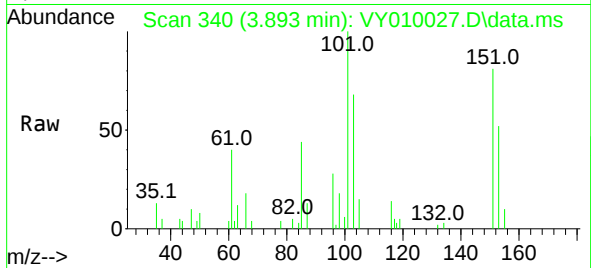




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.484 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

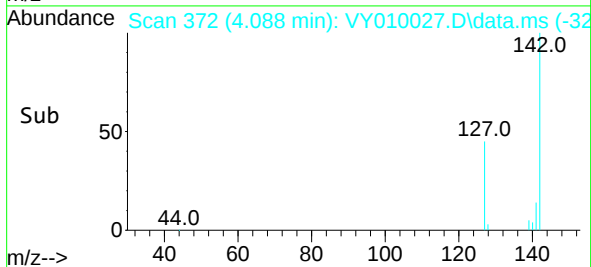
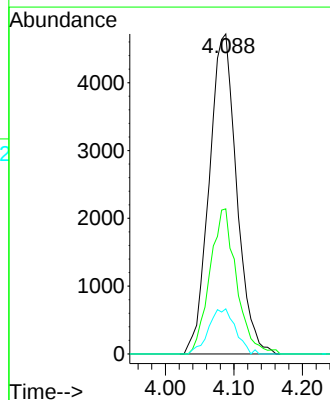
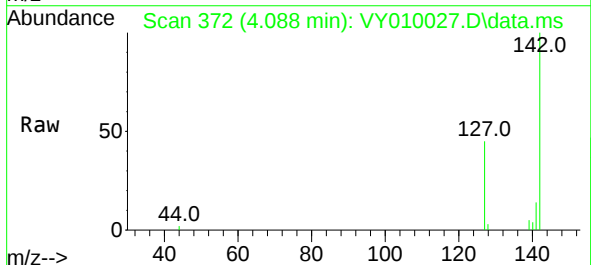
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC0050EC

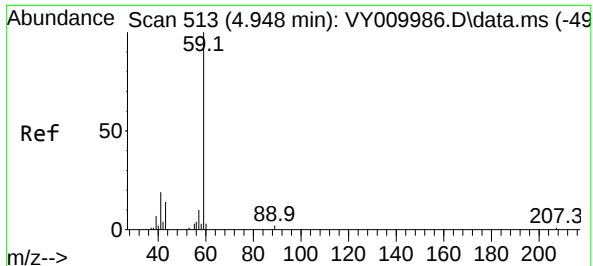
Tgt Ion:101 Resp: 9144
Ion Ratio Lower Upper
101 100
85 44.4 36.2 54.2
151 82.3 63.6 95.4



#10
Methyl Iodide
Concen: 56.971 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.012 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion:142 Resp: 13124
Ion Ratio Lower Upper
142 100
127 44.2 35.2 52.8
141 13.9 11.4 17.2





#11

Tert butyl alcohol

Concen: 269.816 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

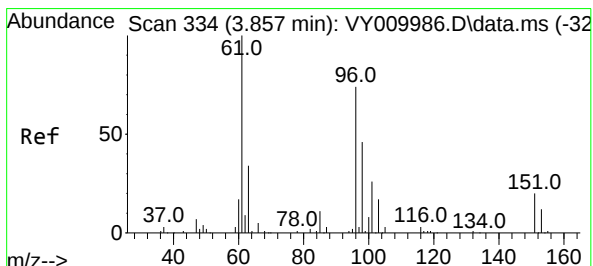
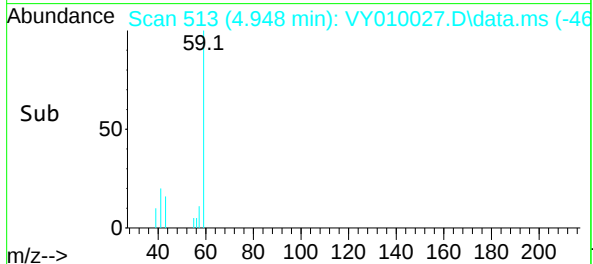
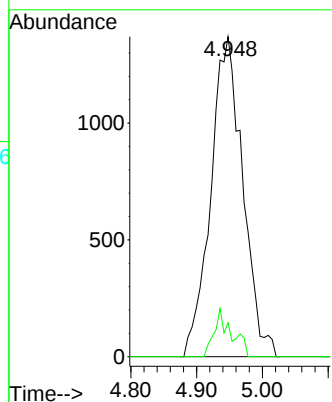
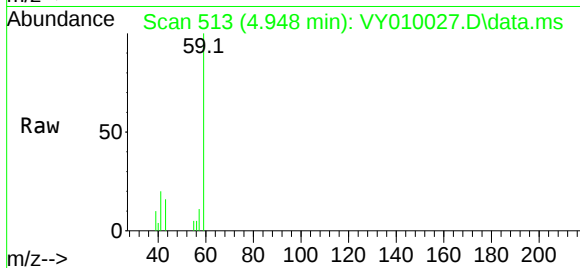
VSTDCCC050EC

Tgt Ion: 59 Resp: 4642

Ion Ratio Lower Upper

59 100

57 8.1 6.3 9.5



#12

1,1-Dichloroethene

Concen: 45.692 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.012 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

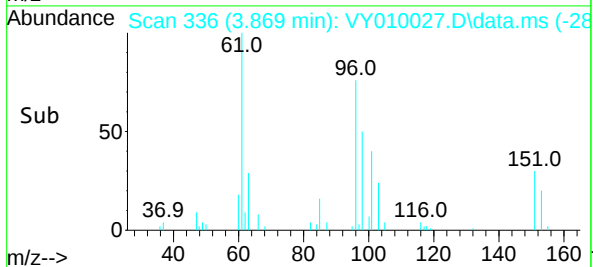
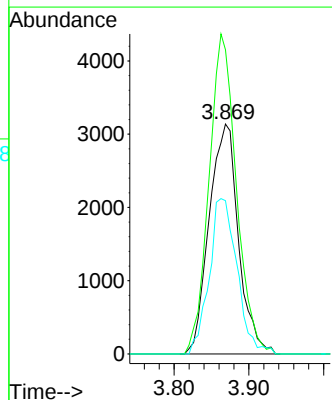
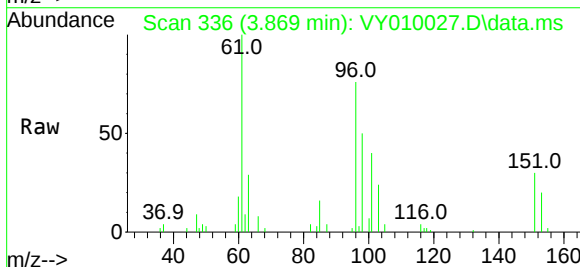
Tgt Ion: 96 Resp: 8543

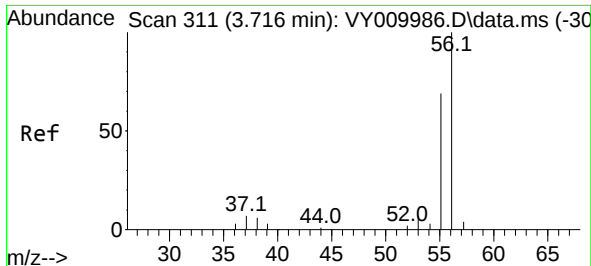
Ion Ratio Lower Upper

96 100

61 132.2 121.9 182.9

98 66.6 48.2 72.4

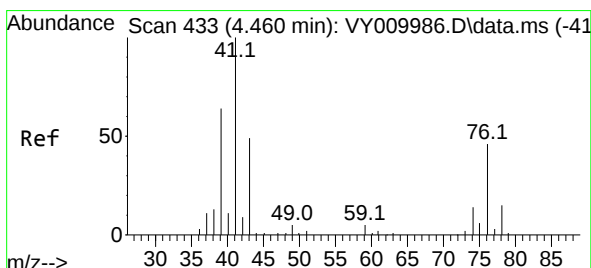
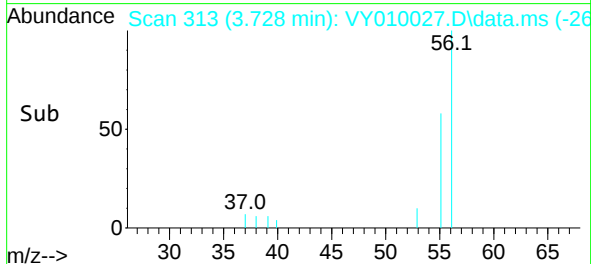
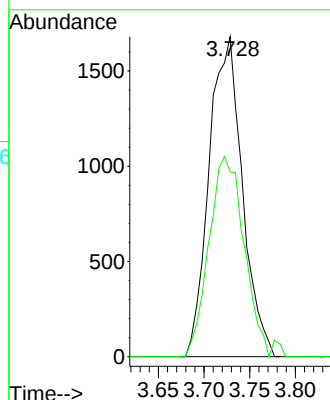
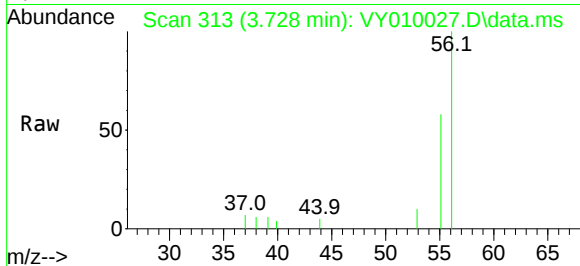




#13
Acrolein
Concen: 186.487 ug/l
RT: 3.728 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

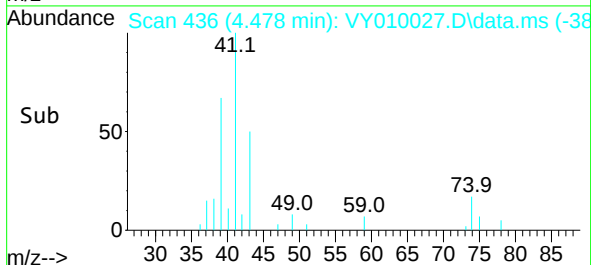
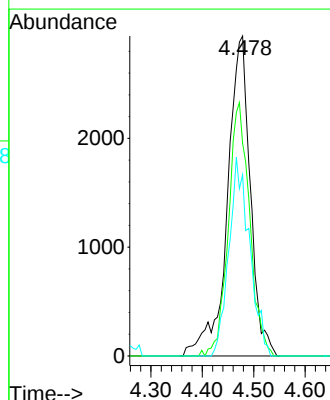
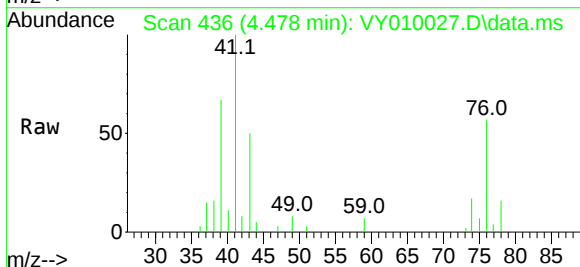
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

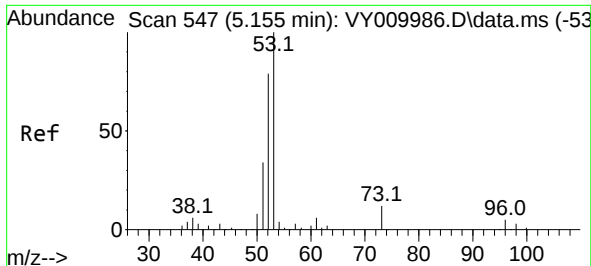
Tgt Ion: 56 Resp: 4238
Ion Ratio Lower Upper
56 100
55 66.0 54.8 82.2



#14
Allyl chloride
Concen: 35.026 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.018 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion: 41 Resp: 9130
Ion Ratio Lower Upper
41 100
39 73.0 53.5 80.3
76 55.9 29.4 44.0#

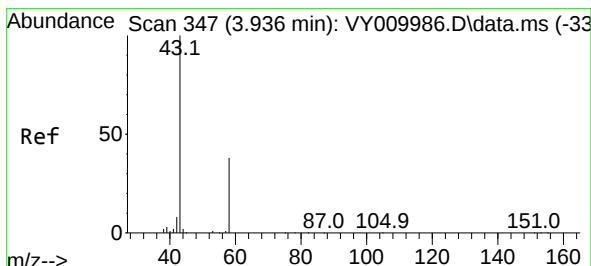
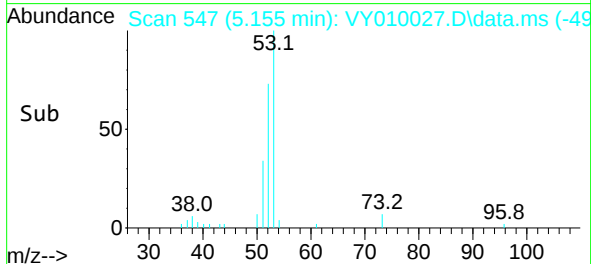
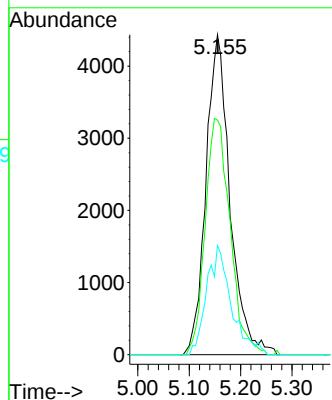
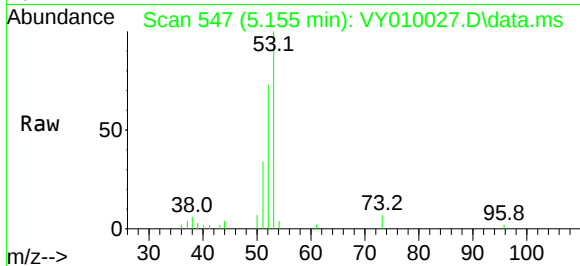




#15
Acrylonitrile
Concen: 267.052 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

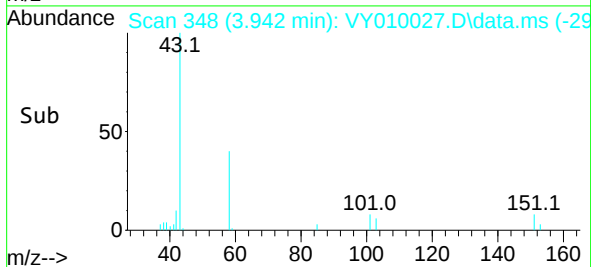
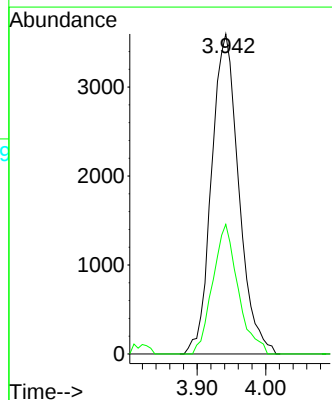
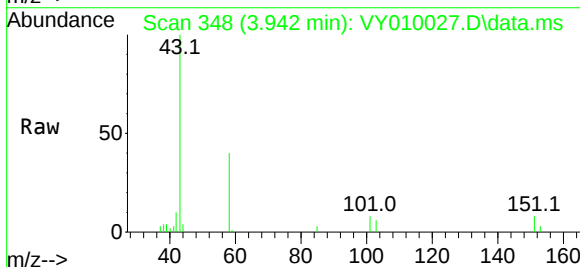
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

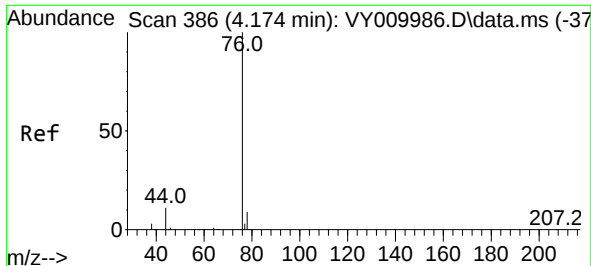
Tgt Ion:	53	Resp:	14419
Ion	Ratio	Lower	Upper
53	100		
52	76.4	65.4	98.2
51	34.9	28.4	42.6



#16
Acetone
Concen: 233.980 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion:	43	Resp:	9925
Ion	Ratio	Lower	Upper
43	100		
58	40.5	24.0	36.0

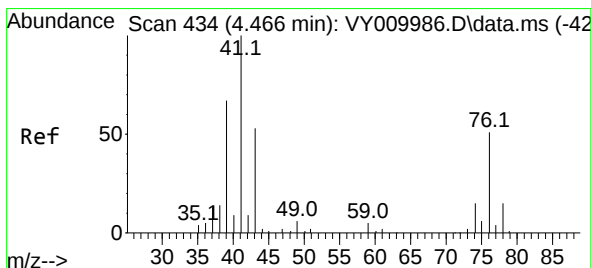
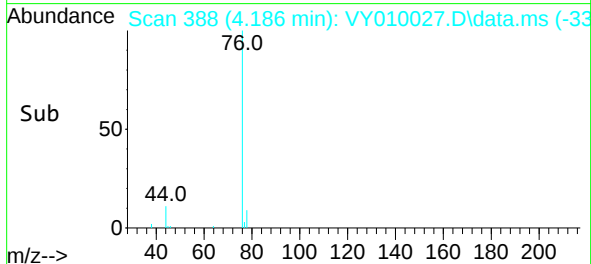
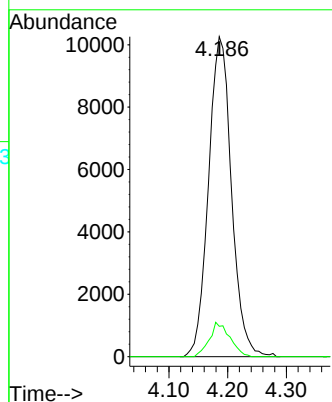
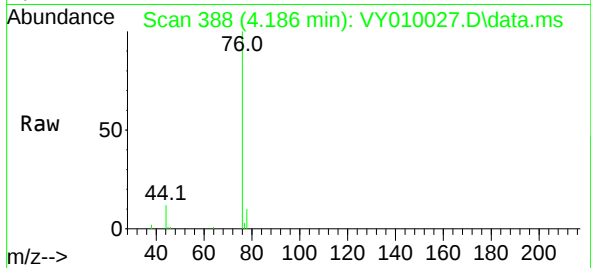




#17
Carbon Disulfide
Concen: 45.851 ug/l
RT: 4.186 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

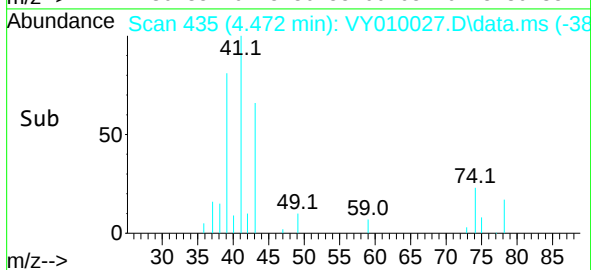
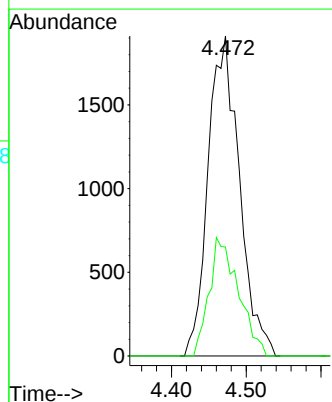
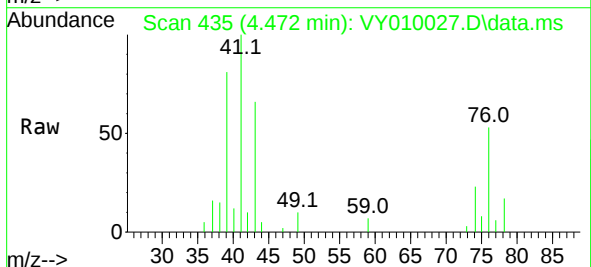
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

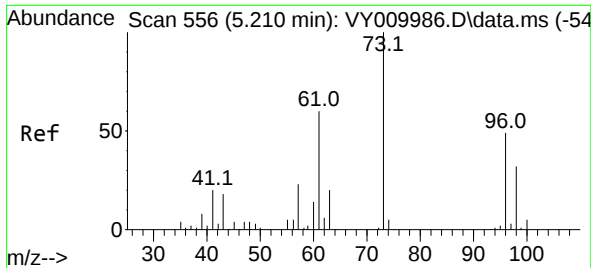
Tgt Ion: 76 Resp: 27900
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 47.438 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion: 43 Resp: 5553
Ion Ratio Lower Upper
43 100
74 34.7 18.8 28.2#

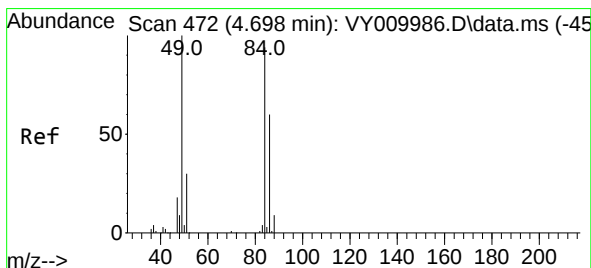
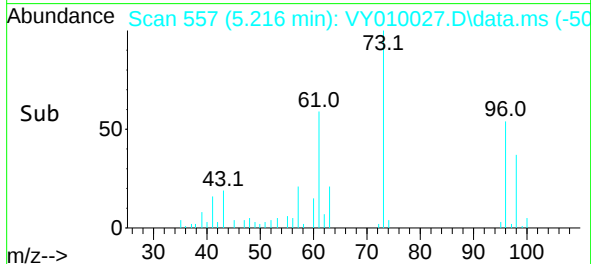
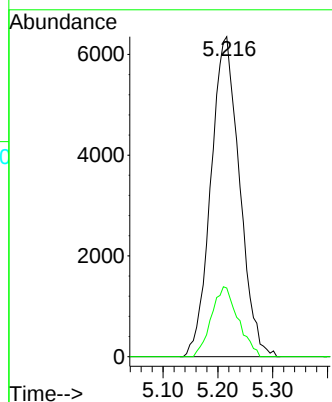
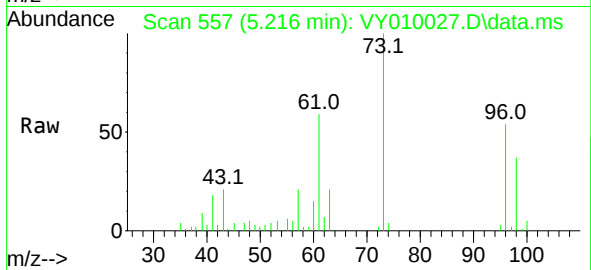




#19
Methyl tert-butyl Ether
Concen: 50.417 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

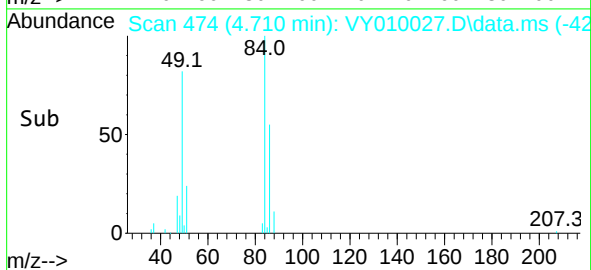
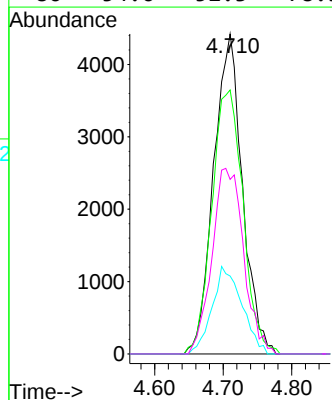
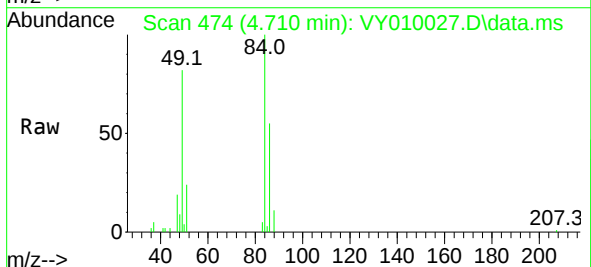
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

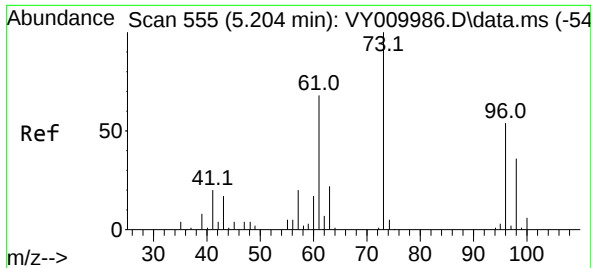
Tgt Ion: 73 Resp: 23034
Ion Ratio Lower Upper
73 100
57 21.5 18.5 27.7



#20
Methylene Chloride
Concen: 59.310 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.012 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion: 84 Resp: 12890
Ion Ratio Lower Upper
84 100
49 82.5 98.2 147.4#
51 24.4 33.4 50.0#
86 54.6 52.3 78.5

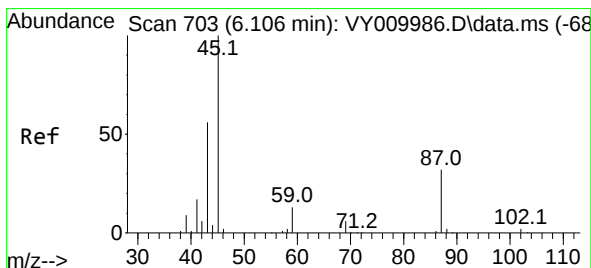
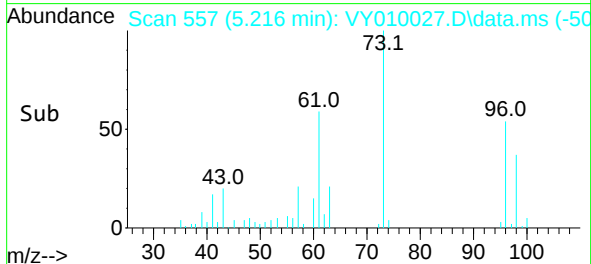
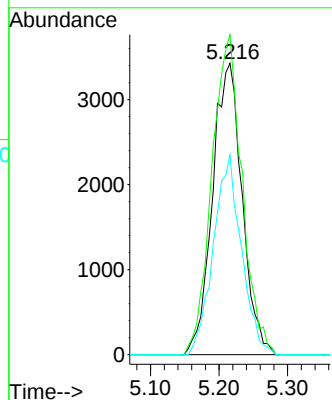
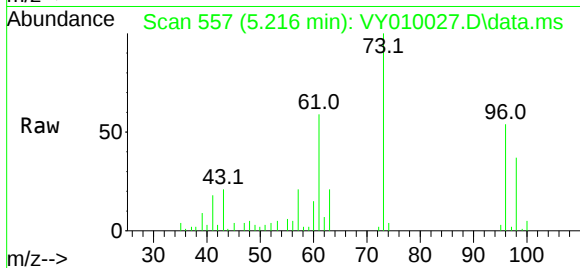




#21
trans-1,2-Dichloroethene
Concen: 49.427 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

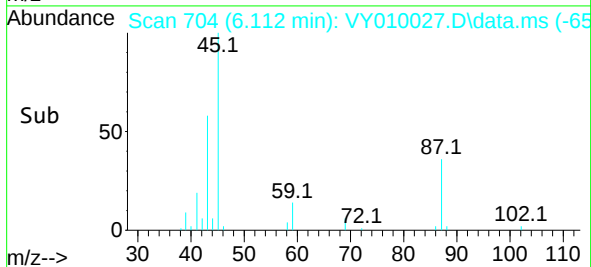
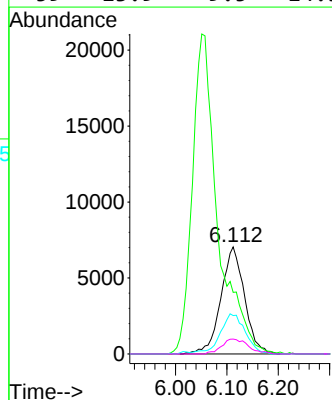
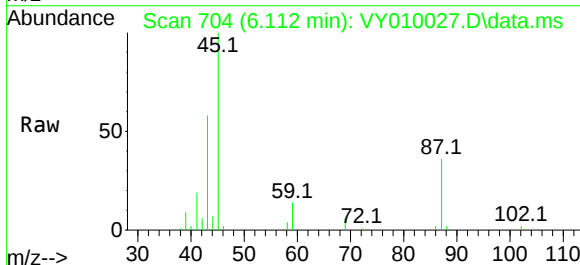
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

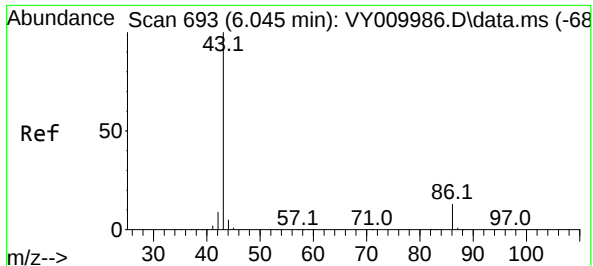
Tgt Ion: 96 Resp: 10270
Ion Ratio Lower Upper
96 100
61 109.8 105.8 158.6
98 68.5 49.7 74.5



#22
Diisopropyl ether
Concen: 42.623 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion: 45 Resp: 22462
Ion Ratio Lower Upper
45 100
43 55.8 43.7 65.5
87 35.9 22.2 33.4#
59 13.9 9.5 14.3

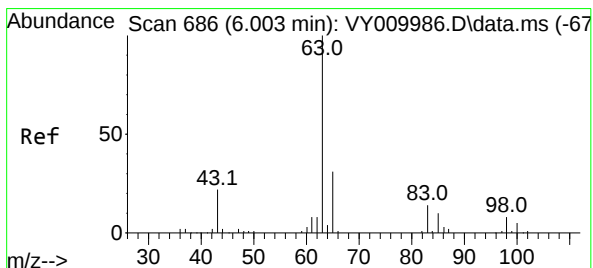
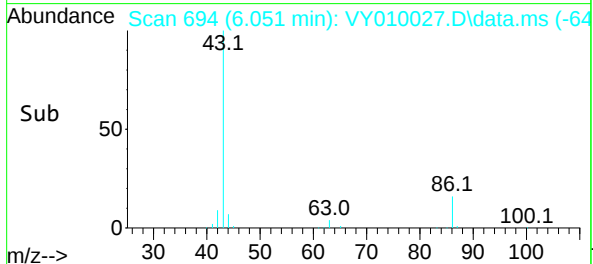
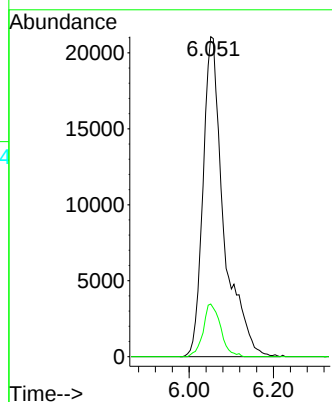
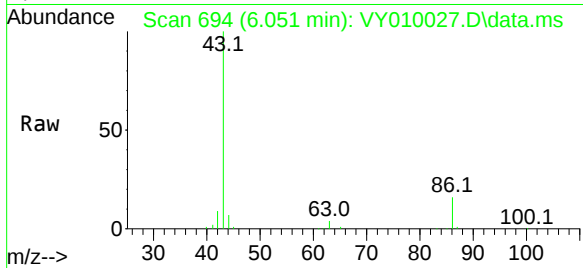




#23
 Vinyl Acetate
 Concen: 221.884 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY010027.D
 Acq: 15 Aug 2022 02:51

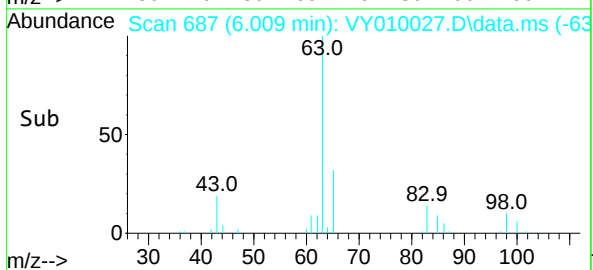
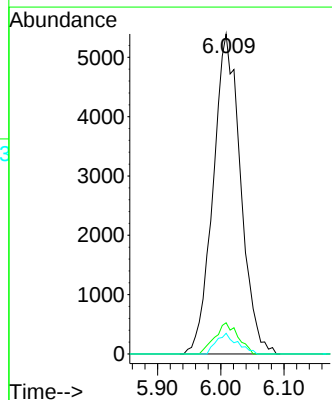
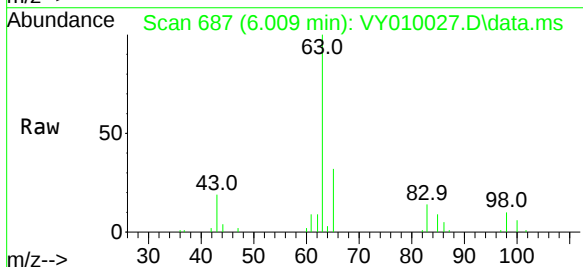
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

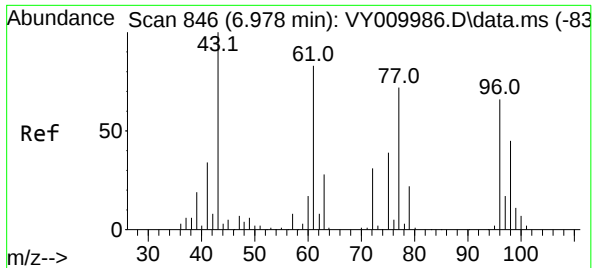
Tgt Ion: 43 Resp: 72251
 Ion Ratio Lower Upper
 43 100
 86 16.5 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 48.239 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY010027.D
 Acq: 15 Aug 2022 02:51

Tgt Ion: 63 Resp: 16222
 Ion Ratio Lower Upper
 63 100
 98 9.8 3.9 11.7
 100 6.5 2.8 8.3

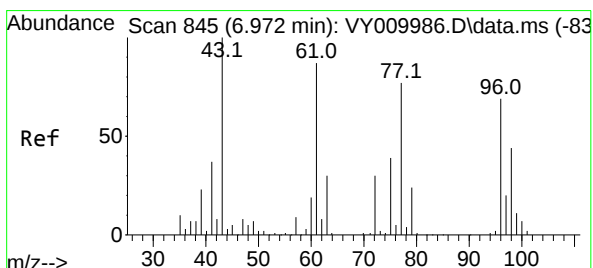
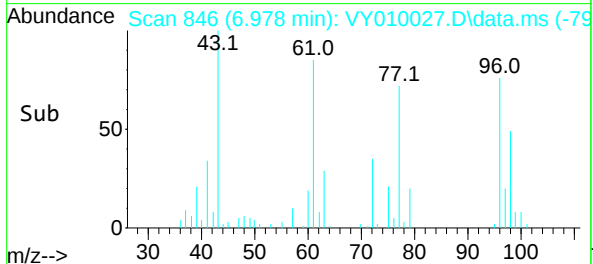
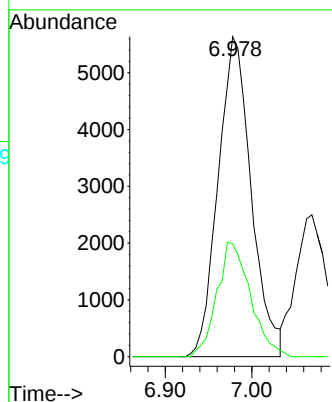
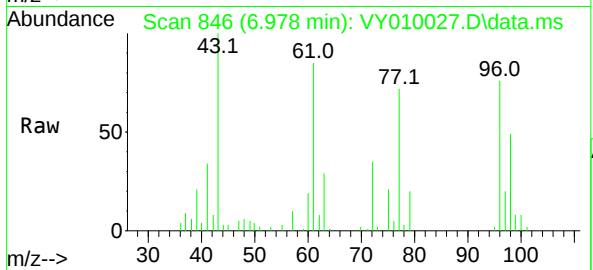




#25
2-Butanone
Concen: 227.299 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

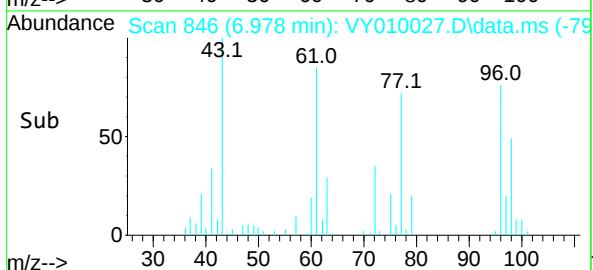
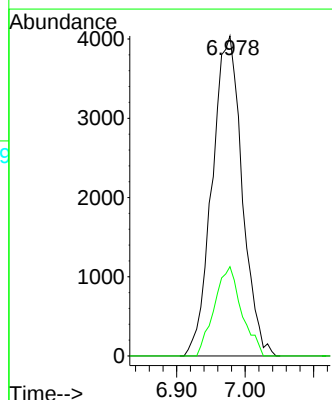
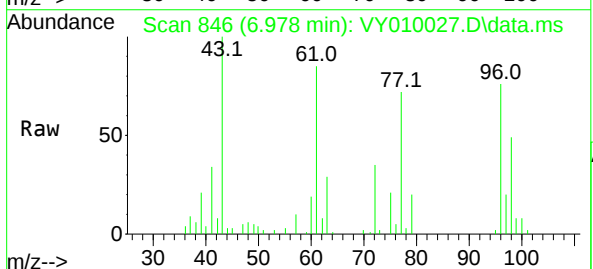
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

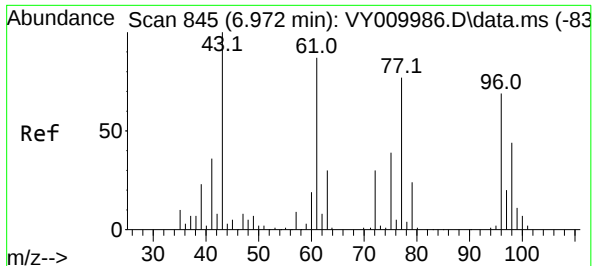
Tgt Ion: 43 Resp: 14961
Ion Ratio Lower Upper
43 100
72 35.3 21.5 32.3#



#26
2,2-Dichloropropane
Concen: 41.179 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion: 77 Resp: 12274
Ion Ratio Lower Upper
77 100
97 25.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 52.607 ug/l

RT: 6.984 min Scan# 845

Delta R.T. 0.012 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

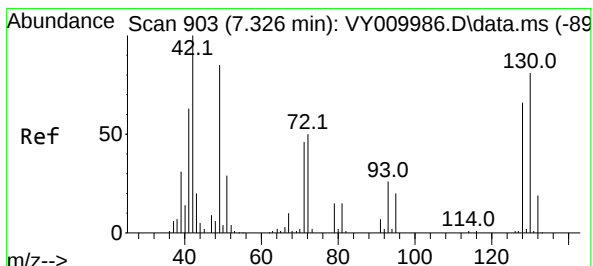
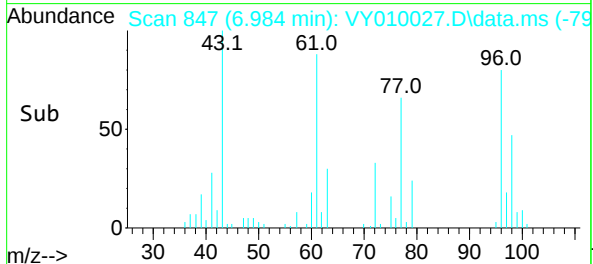
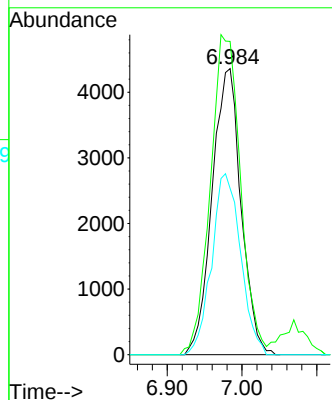
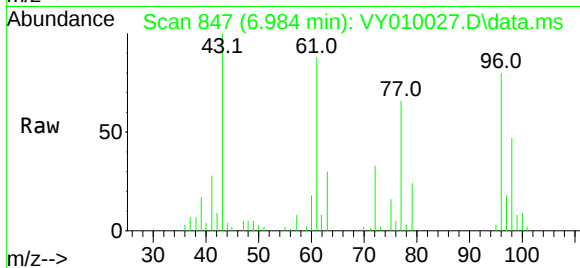
Tgt Ion: 96 Resp: 11742

Ion Ratio Lower Upper

96 100

61 116.3 0.0 285.6

98 63.4 0.0 131.0



#28

Bromochloromethane

Concen: 39.518 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

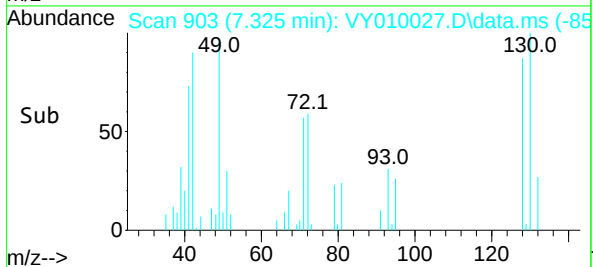
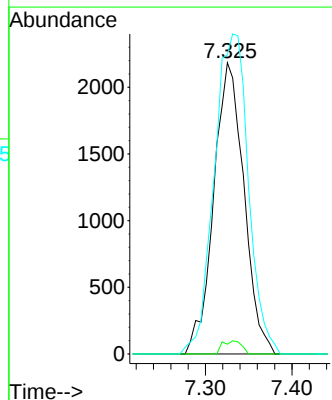
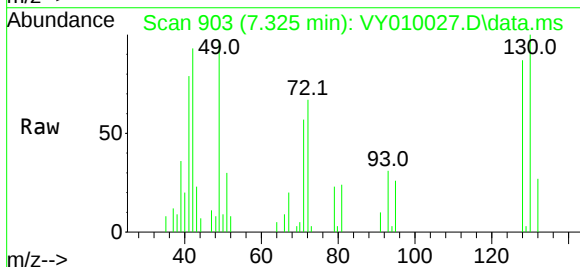
Tgt Ion: 49 Resp: 5308

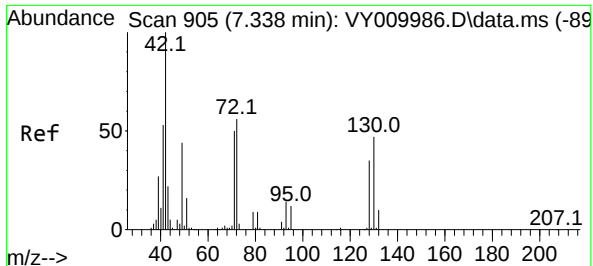
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 123.9 64.1 96.1#





#29

Tetrahydrofuran

Concen: 222.486 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

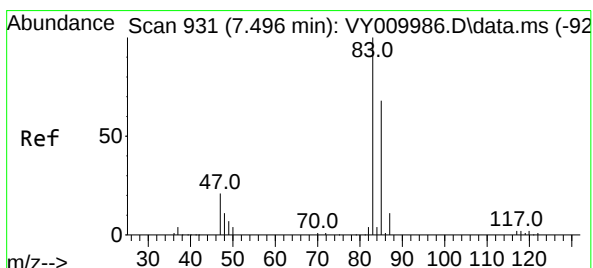
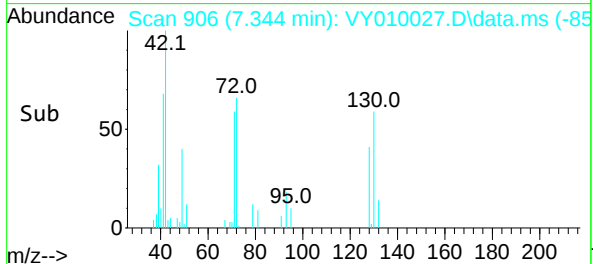
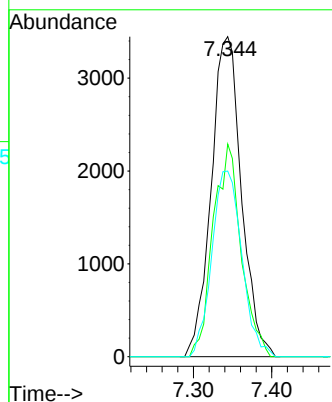
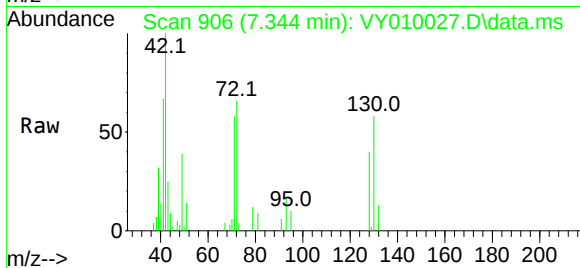
Tgt Ion: 42 Resp: 9255

Ion Ratio Lower Upper

42 100

72 61.5 34.6 52.0#

71 57.5 32.7 49.1#



#30

Chloroform

Concen: 52.552 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY010027.D

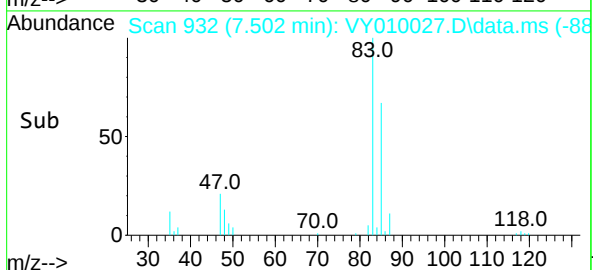
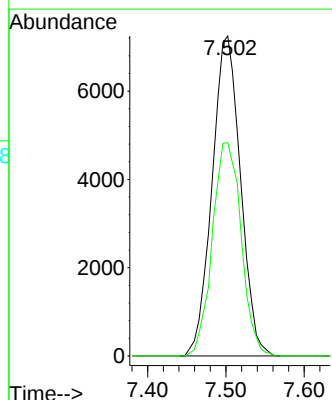
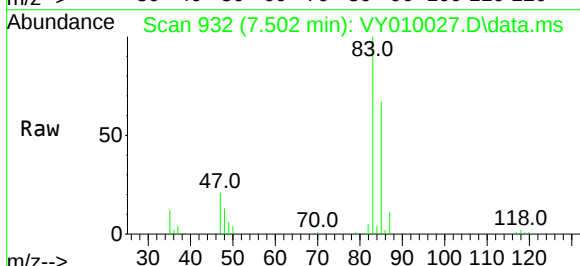
Acq: 15 Aug 2022 02:51

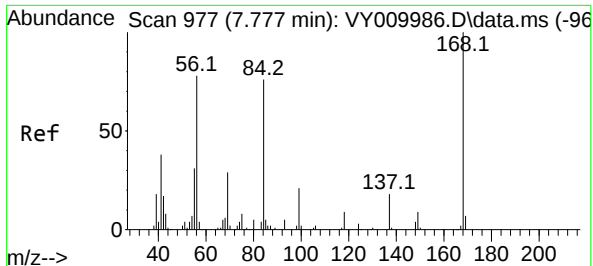
Tgt Ion: 83 Resp: 18274

Ion Ratio Lower Upper

83 100

85 66.7 50.5 75.7

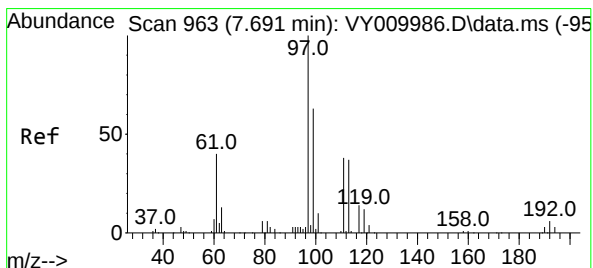
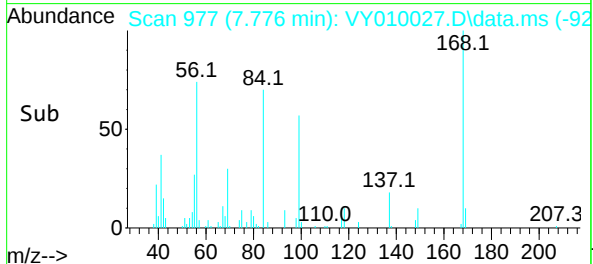
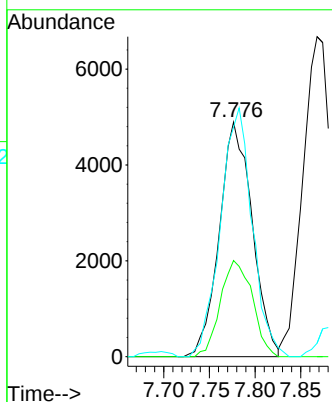
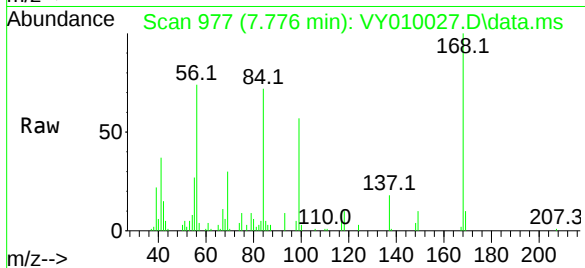




#31
Cyclohexane
Concen: 38.844 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

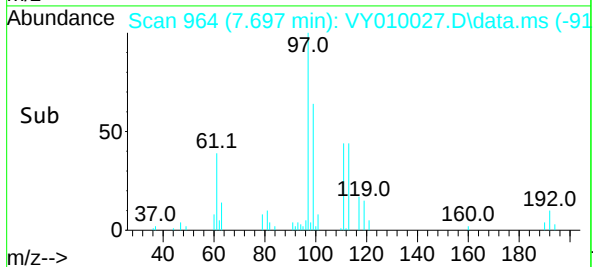
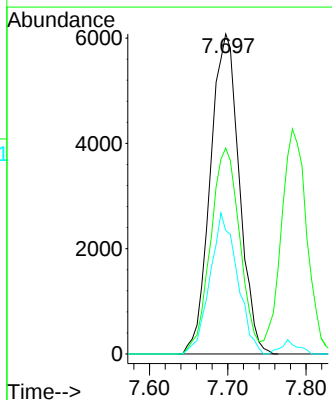
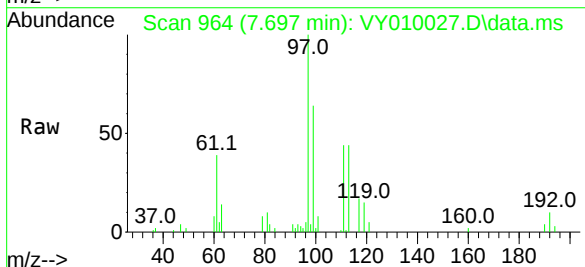
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

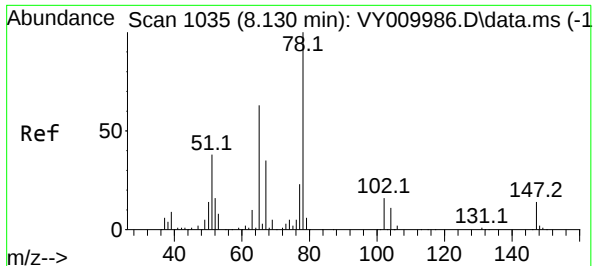
Tgt Ion: 56 Resp: 12280
Ion Ratio Lower Upper
56 100
69 41.0 26.0 39.0#
84 97.9 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 52.853 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion: 97 Resp: 15617
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.8
61 41.6 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 58.227 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

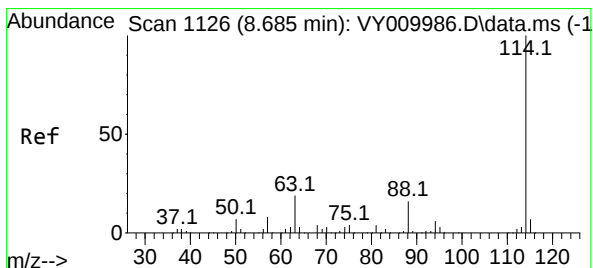
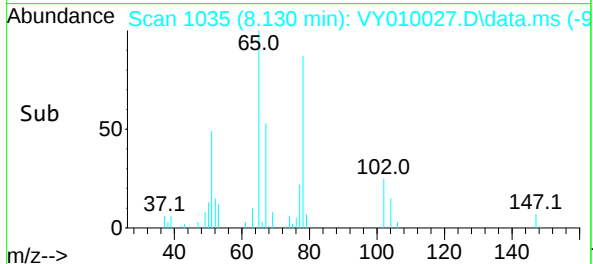
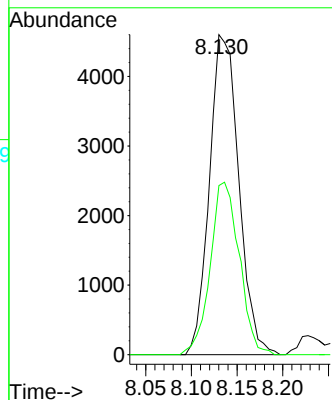
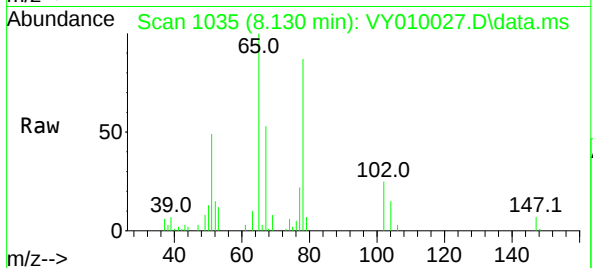
VSTDCCC050EC

Tgt Ion: 65 Resp: 10284

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

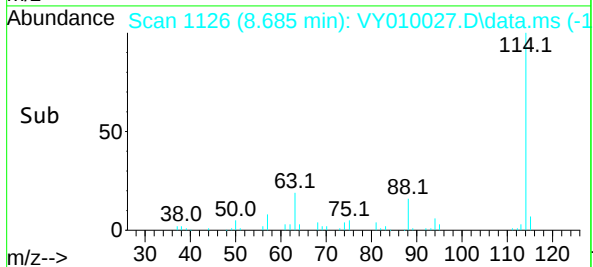
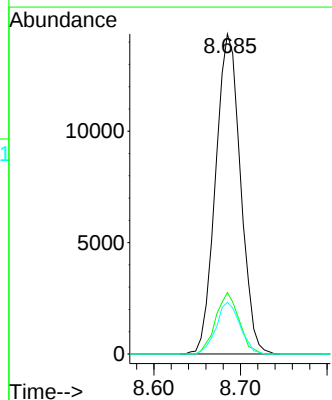
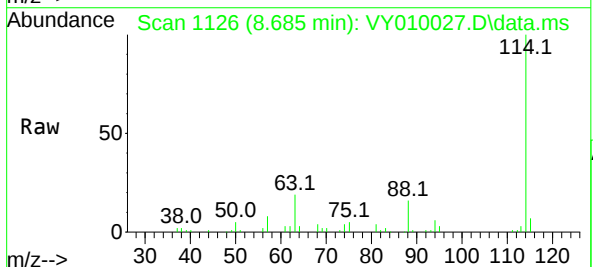
Tgt Ion: 114 Resp: 28677

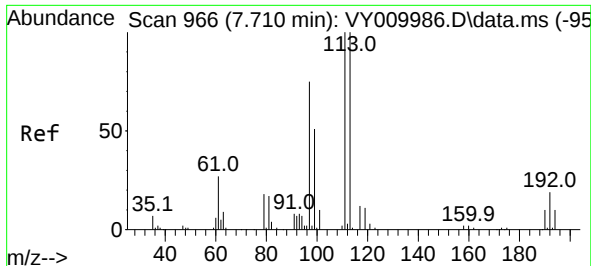
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.0

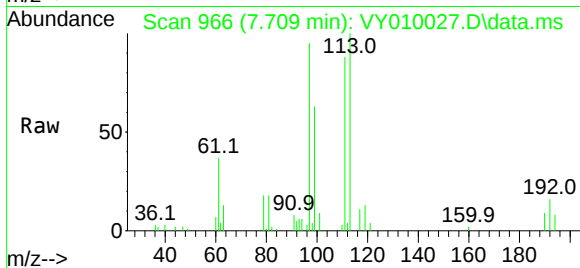
88 16.2 0.0 30.0



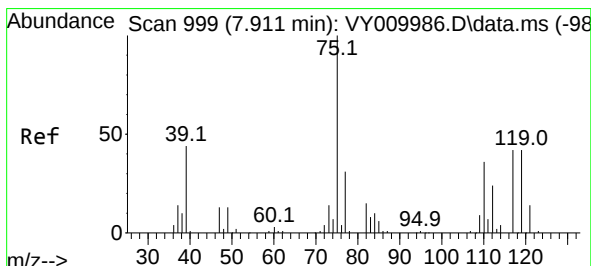
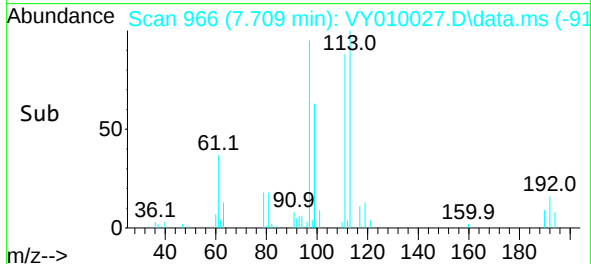
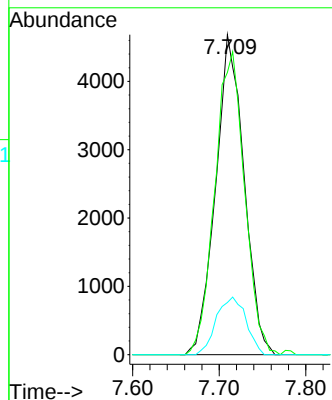


#35
Dibromofluoromethane
Concen: 60.798 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

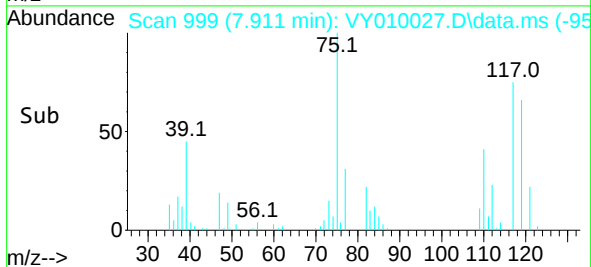
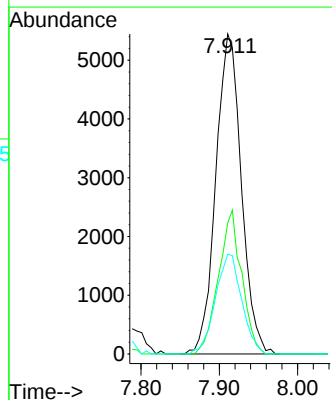
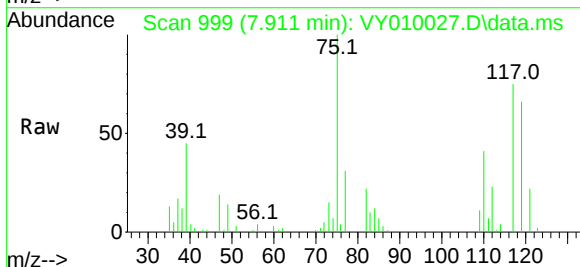


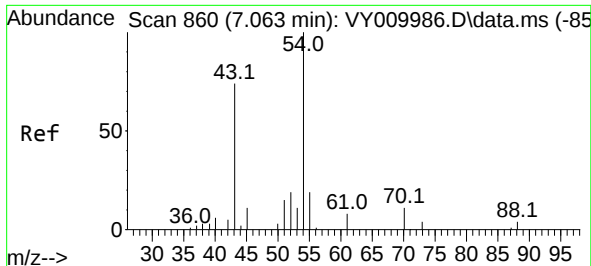
Tgt Ion:113 Resp: 10671
Ion Ratio Lower Upper
113 100
111 99.1 80.6 120.8
192 18.8 16.2 24.4



#36
1,1-Dichloropropene
Concen: 47.218 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion: 75 Resp: 12341
Ion Ratio Lower Upper
75 100
110 40.8 18.6 56.0
77 32.2 25.0 37.4





#37

Ethyl Acetate

Concen: 41.870 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

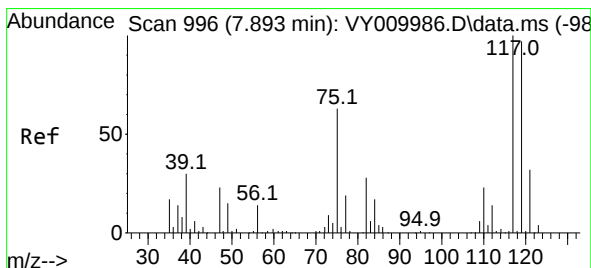
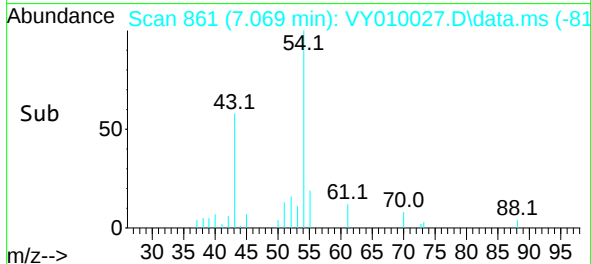
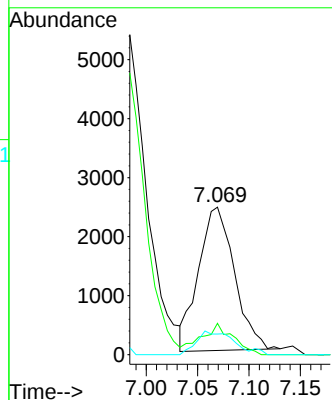
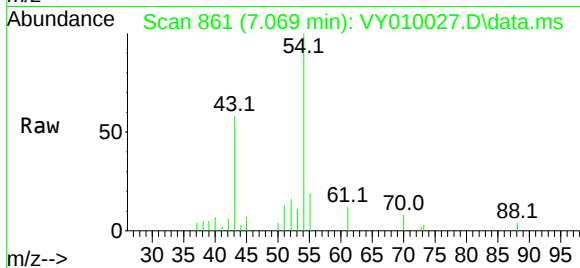
Tgt Ion: 43 Resp: 5906

Ion Ratio Lower Upper

43 100

61 19.5 11.2 16.8#

70 17.2 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 58.254 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

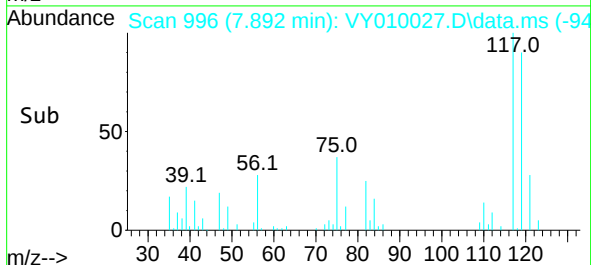
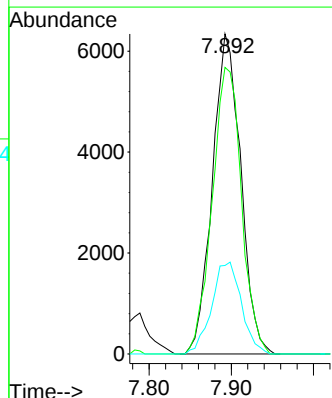
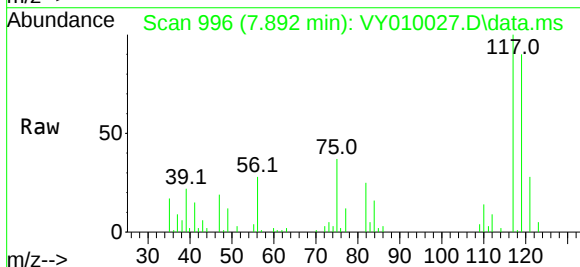
Tgt Ion: 117 Resp: 15194

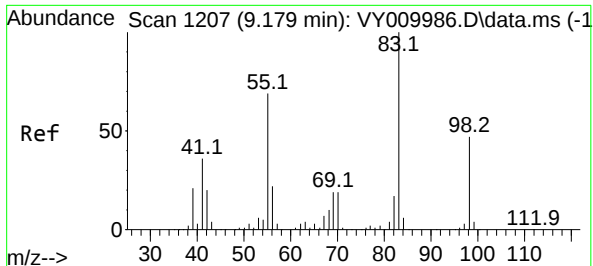
Ion Ratio Lower Upper

117 100

119 89.6 75.9 113.9

121 27.7 24.9 37.3





#39

Methylcyclohexane

Concen: 46.568 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

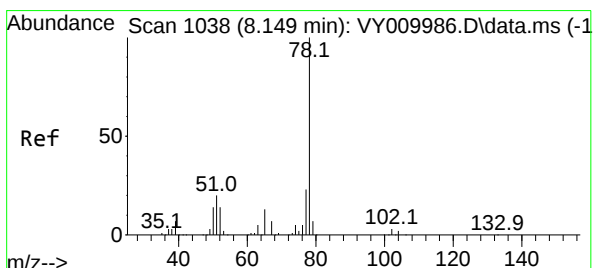
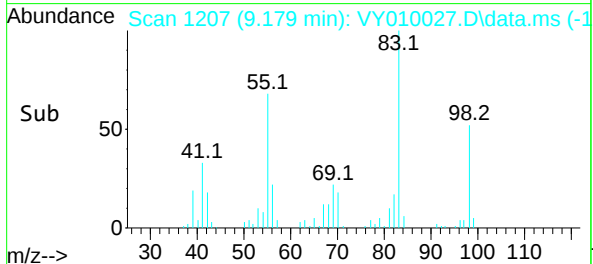
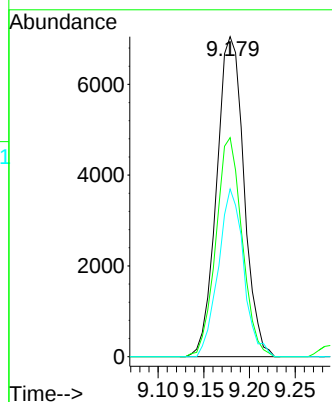
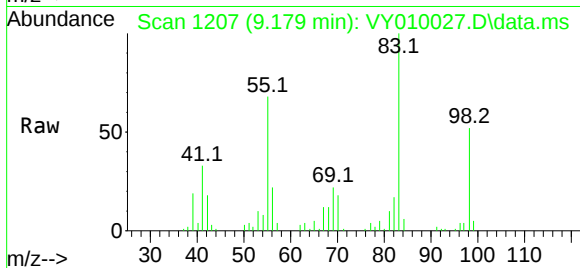
Tgt Ion: 83 Resp: 14655

Ion Ratio Lower Upper

83 100

55 68.5 56.7 85.1

98 52.4 39.9 59.9



#40

Benzene

Concen: 51.923 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY010027.D

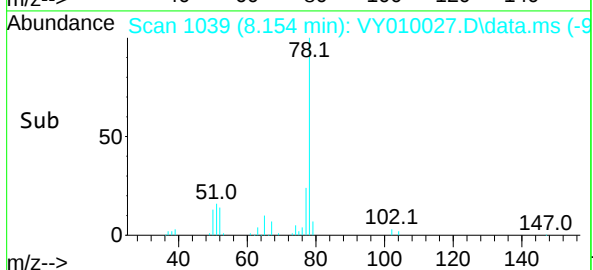
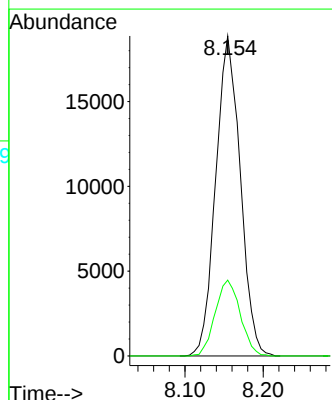
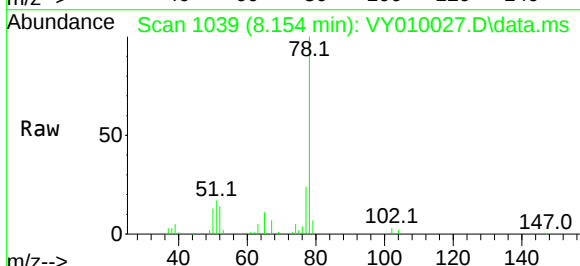
Acq: 15 Aug 2022 02:51

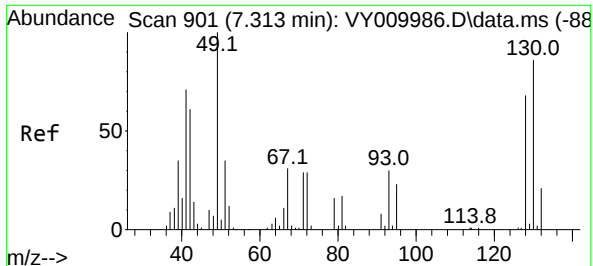
Tgt Ion: 78 Resp: 41067

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.0

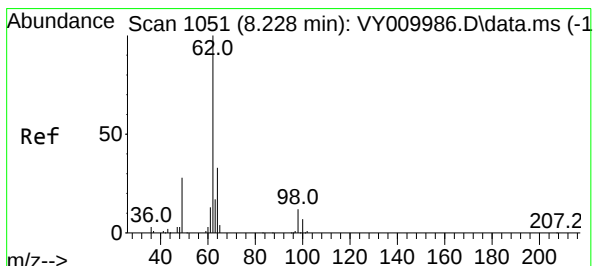
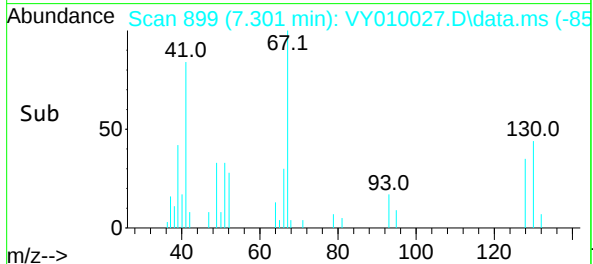
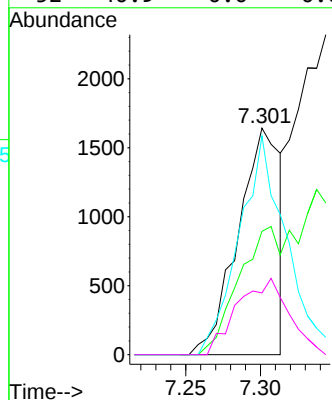
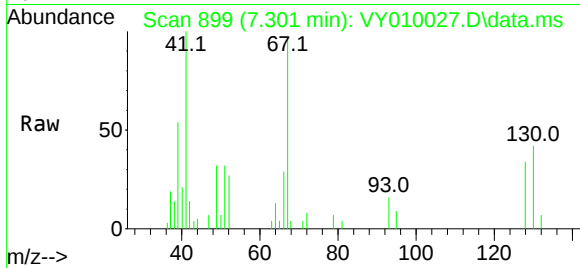




#41
Methacrylonitrile
Concen: 43.044 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

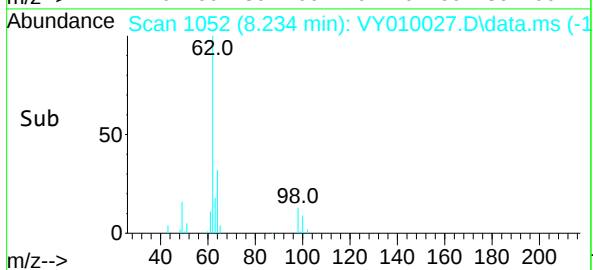
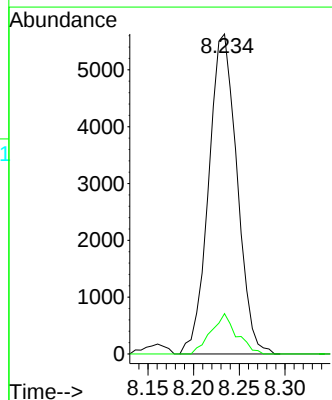
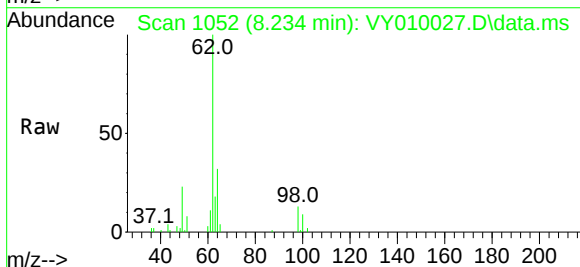
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

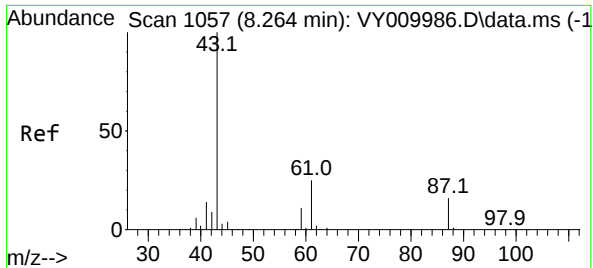
Tgt Ion:	41	Resp:	3225
Ion	Ratio	Lower	Upper
41	100		
39	55.5	0.0	0.0#
67	106.2	0.0	0.0#
52	40.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 59.263 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion:	62	Resp:	12142
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	20.6

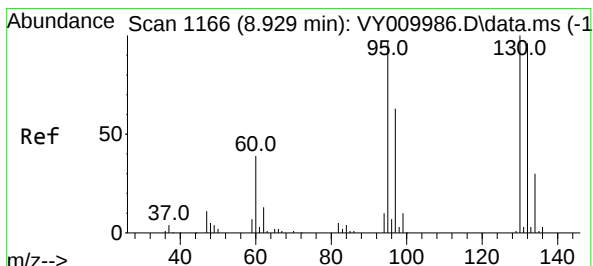
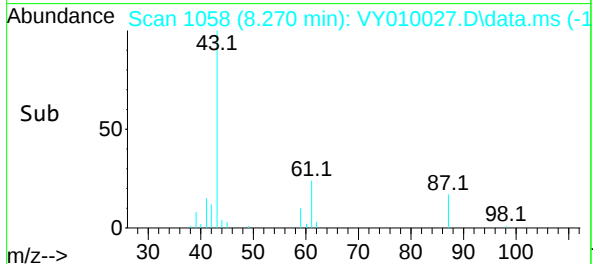
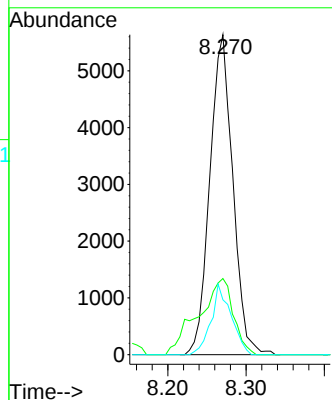
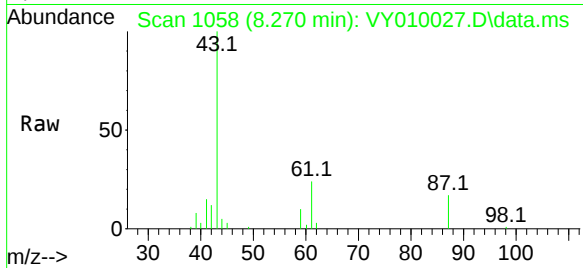




#43
Isopropyl Acetate
Concen: 46.949 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

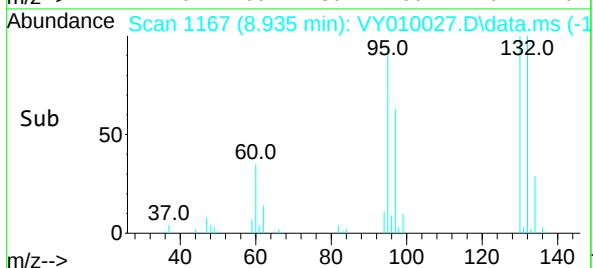
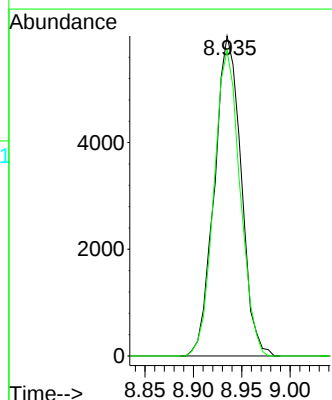
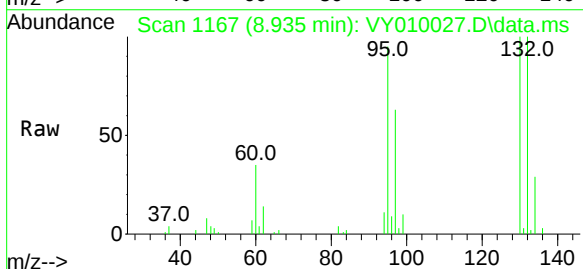
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

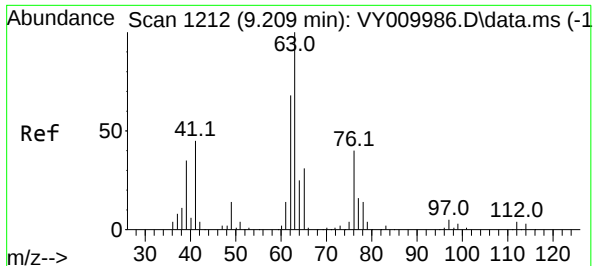
Tgt Ion: 43 Resp: 11495
Ion Ratio Lower Upper
43 100
61 36.1 23.6 35.4#
87 19.2 11.3 16.9#



#44
Trichloroethene
Concen: 53.645 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion: 130 Resp: 11490
Ion Ratio Lower Upper
130 100
95 95.4 0.0 194.6





#45

1,2-Dichloropropane

Concen: 50.138 ug/l

RT: 9.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

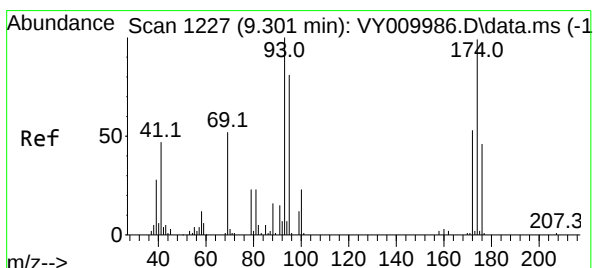
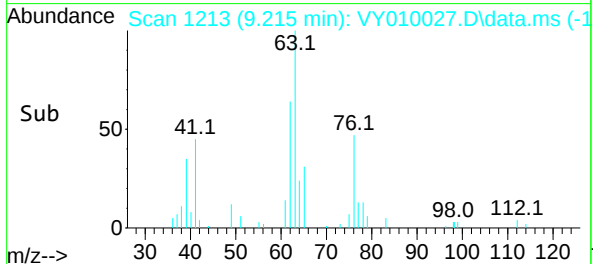
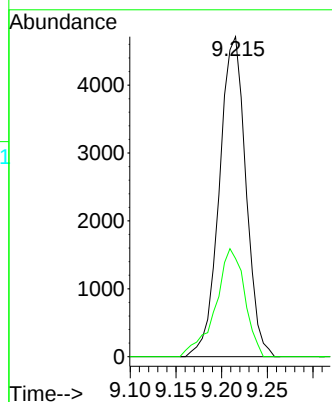
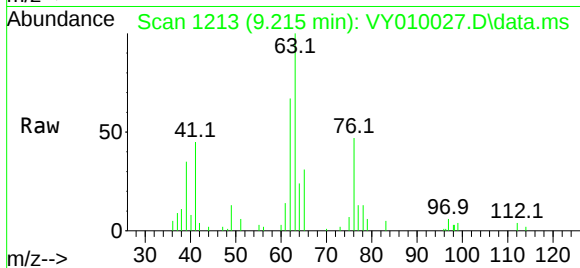
VSTDCCC050EC

Tgt Ion: 63 Resp: 9515

Ion Ratio Lower Upper

63 100

65 30.7 23.7 35.5



#46

Dibromomethane

Concen: 57.145 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

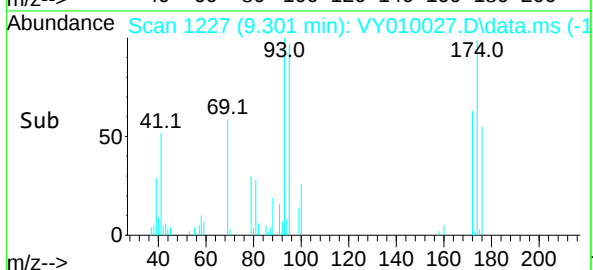
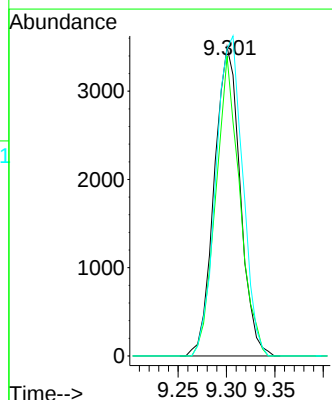
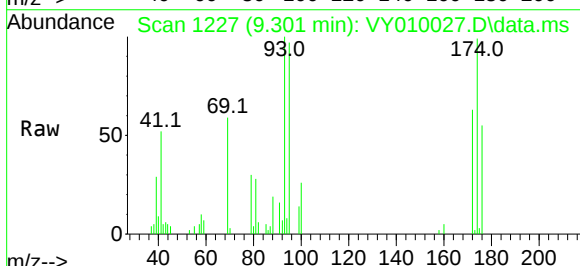
Tgt Ion: 93 Resp: 6529

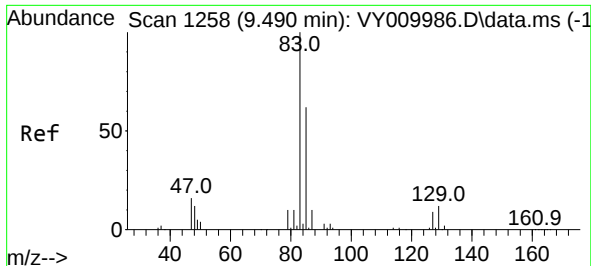
Ion Ratio Lower Upper

93 100

95 89.4 66.3 99.5

174 107.1 80.6 120.8





#47

Bromodichloromethane

Concen: 56.507 ug/l

RT: 9.490 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

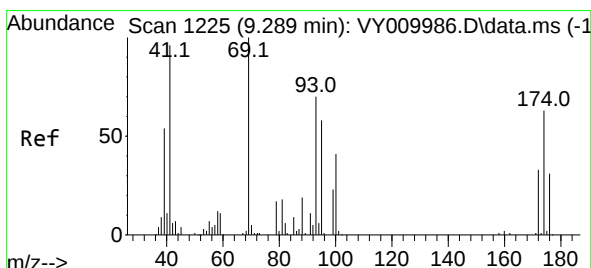
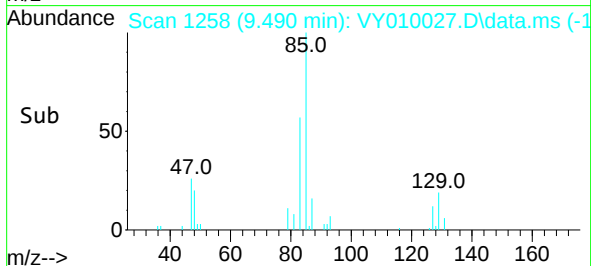
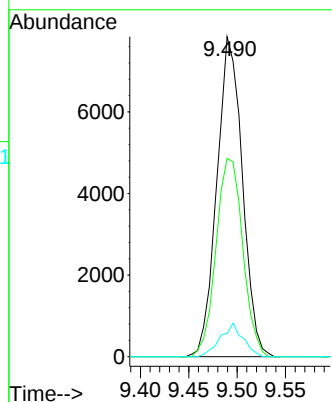
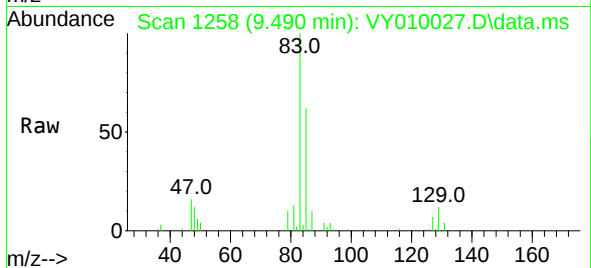
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83	Resp: 14353
Ion Ratio	Lower Upper
83 100	
85 61.9	51.2 76.8
127 7.3	7.1 10.7



#48

Methyl methacrylate

Concen: 48.645 ug/l

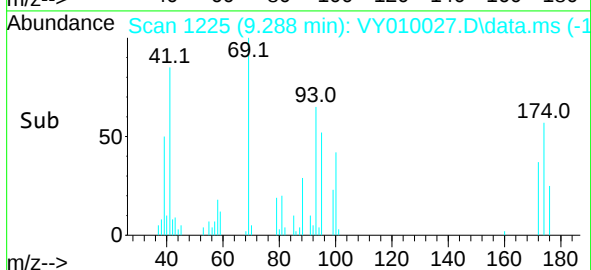
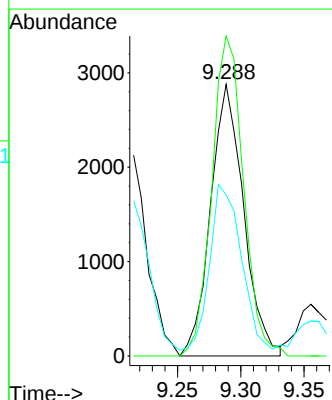
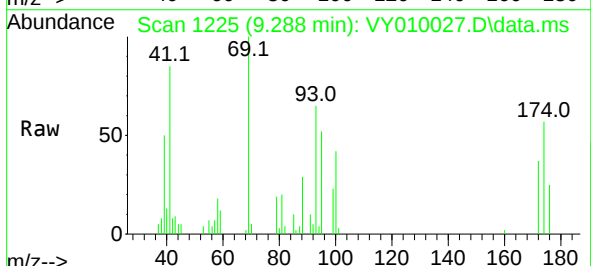
RT: 9.288 min Scan# 1225

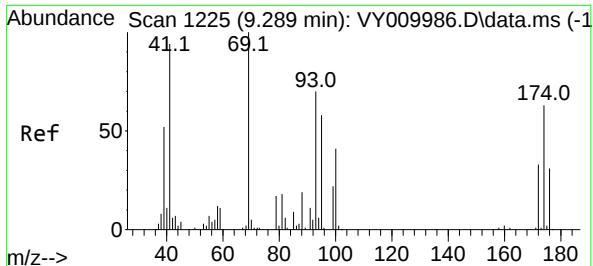
Delta R.T. -0.000 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

Tgt Ion: 41	Resp: 5226		
Ion Ratio	Lower	Upper	
41 100			
69 112.9	73.2	109.8#	
39 62.6	47.5	71.3	





#49

1,4-Dioxane

Concen: 1363.726 ug/l

RT: 9.288 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

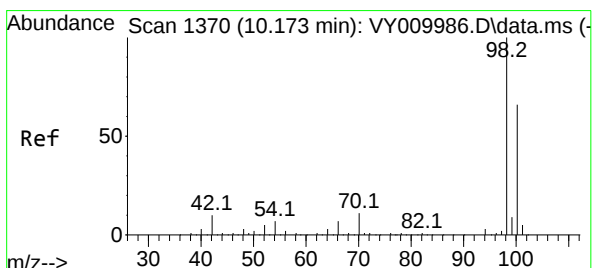
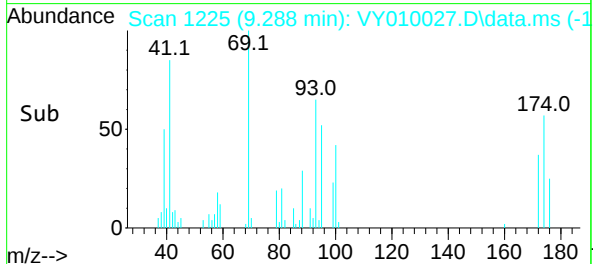
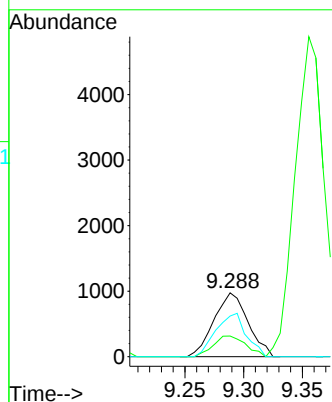
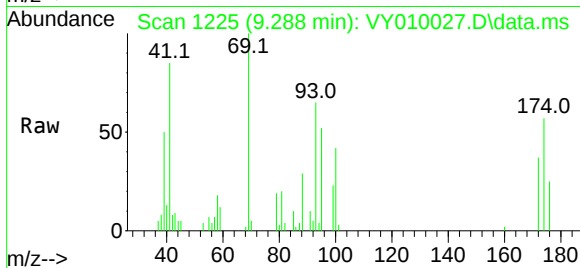
Tgt Ion: 88 Resp: 1961

Ion Ratio Lower Upper

88 100

43 31.2 26.3 39.5

58 60.6 52.6 79.0



#50

Toluene-d8

Concen: 56.747 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY010027.D

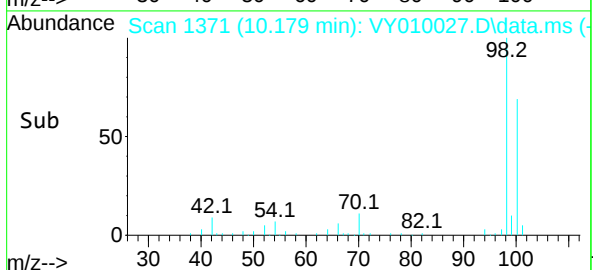
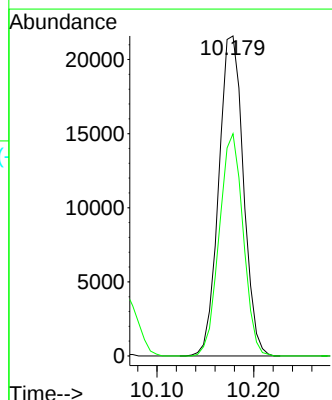
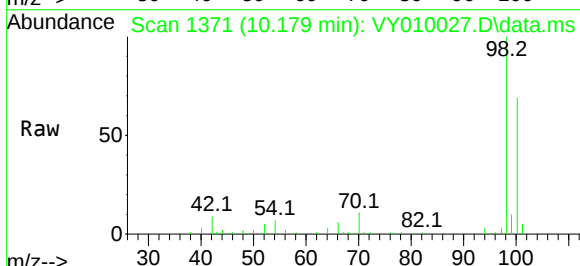
Acq: 15 Aug 2022 02:51

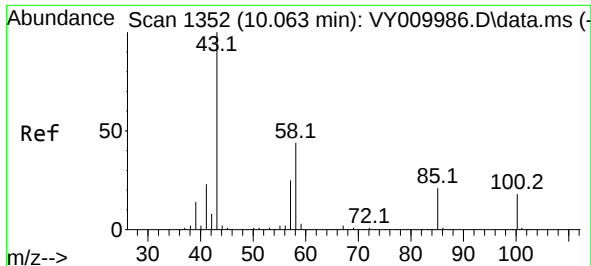
Tgt Ion: 98 Resp: 38163

Ion Ratio Lower Upper

98 100

100 67.3 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 246.750 ug/l

RT: 10.069 min Scan# 1352

Delta R.T. 0.006 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

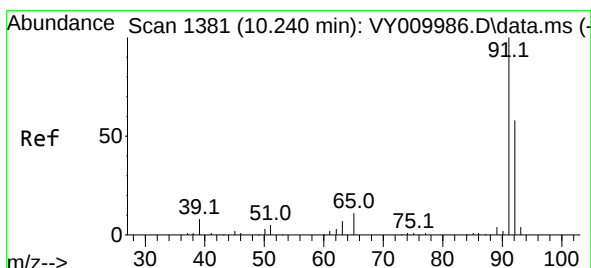
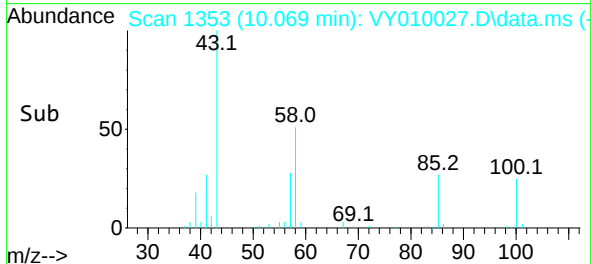
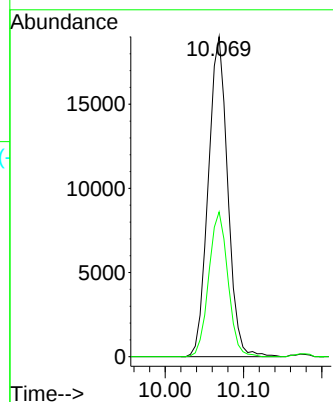
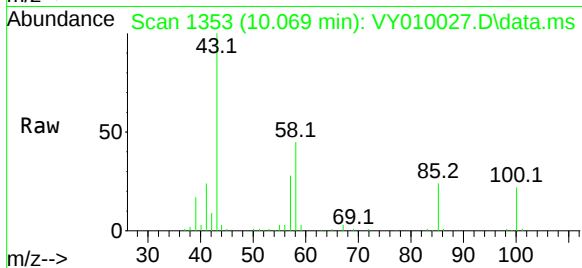
VSTDCCC050EC

Tgt Ion: 43 Resp: 32755

Ion Ratio Lower Upper

43 100

58 44.5 31.5 47.3



#52

Toluene

Concen: 55.740 ug/l

RT: 10.239 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY010027.D

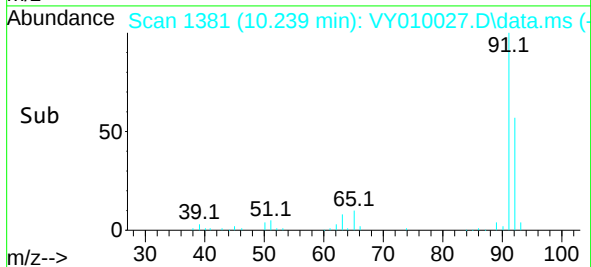
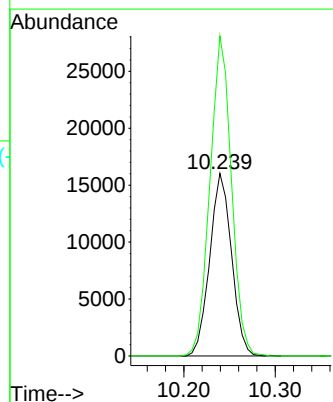
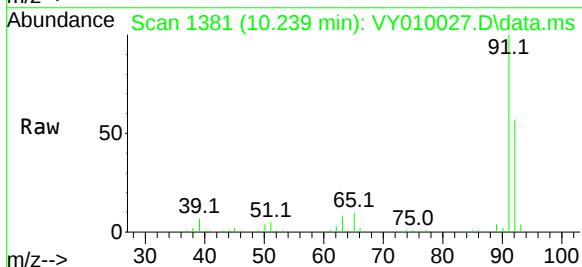
Acq: 15 Aug 2022 02:51

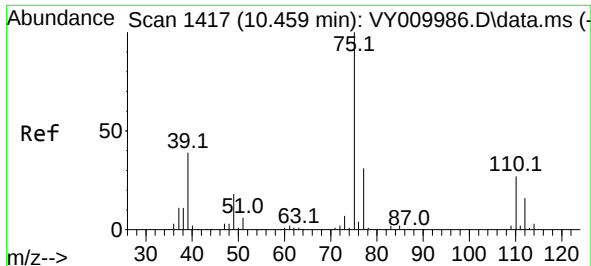
Tgt Ion: 92 Resp: 26549

Ion Ratio Lower Upper

92 100

91 172.4 138.7 208.1

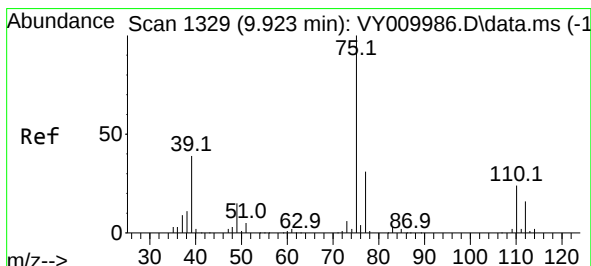
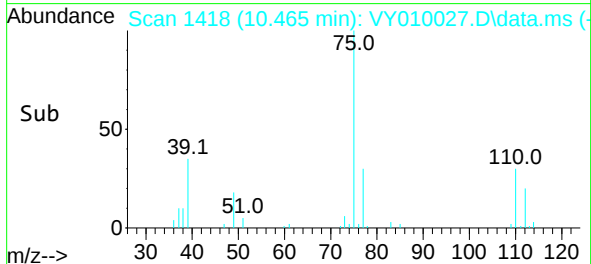
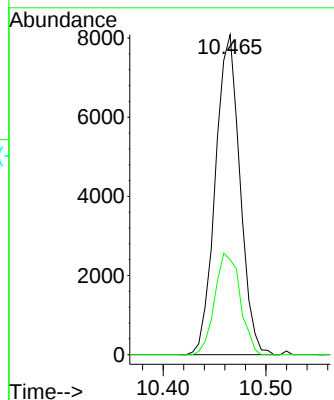
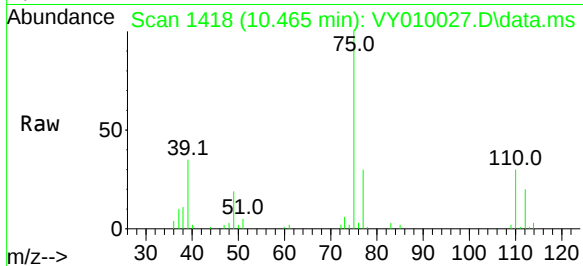




#53
 t-1,3-Dichloropropene
 Concen: 51.409 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY010027.D
 Acq: 15 Aug 2022 02:51

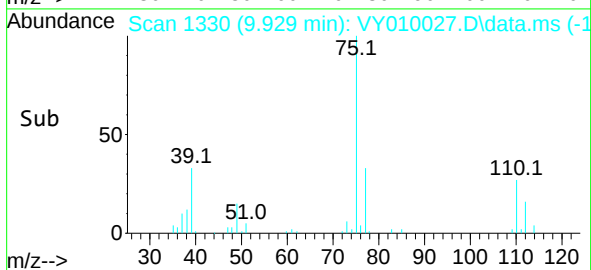
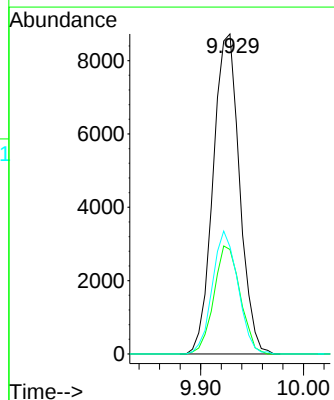
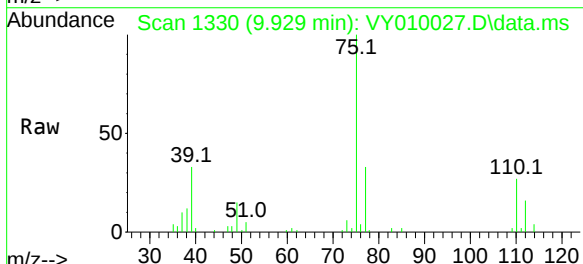
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

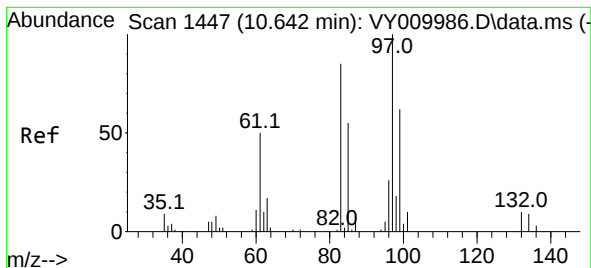
Tgt Ion: 75 Resp: 13420
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.628 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY010027.D
 Acq: 15 Aug 2022 02:51

Tgt Ion: 75 Resp: 15583
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.2 37.8
 39 33.5 35.8 53.8#





#55

1,1,2-Trichloroethane

Concen: 58.701 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 9592

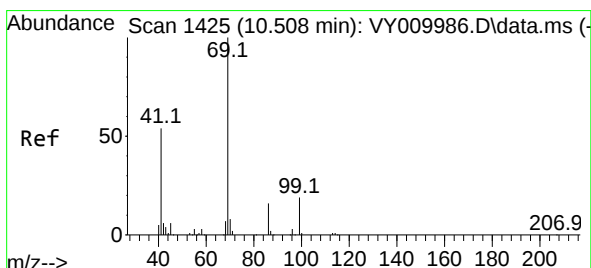
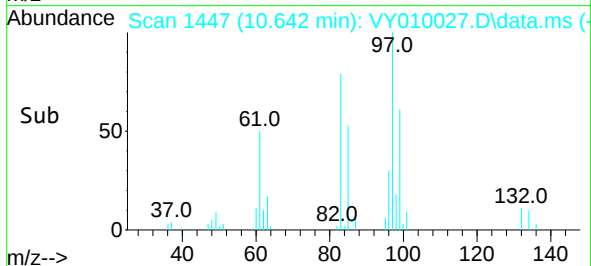
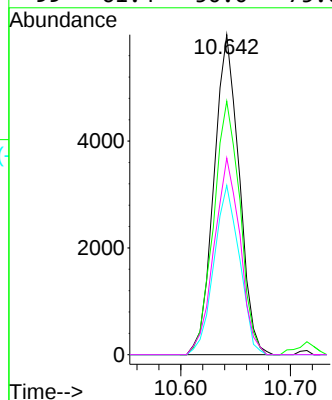
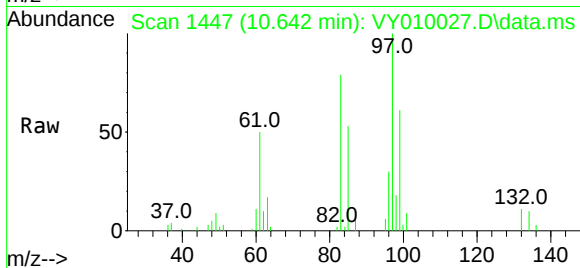
Ion Ratio Lower Upper

97 100

83 79.2 66.9 100.3

85 52.9 44.2 66.4

99 61.4 50.0 75.0



#56

Ethyl methacrylate

Concen: 50.451 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

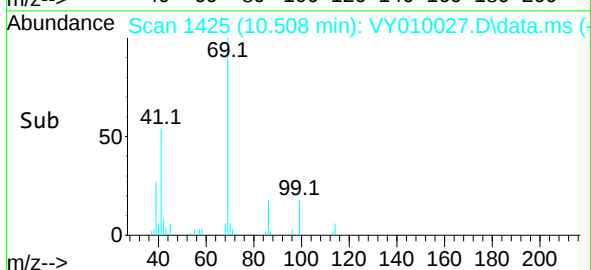
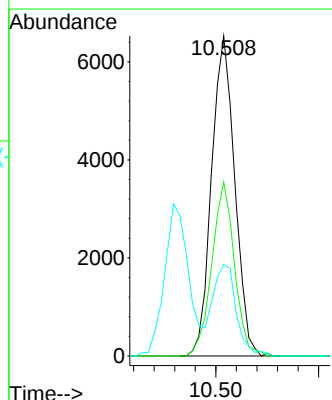
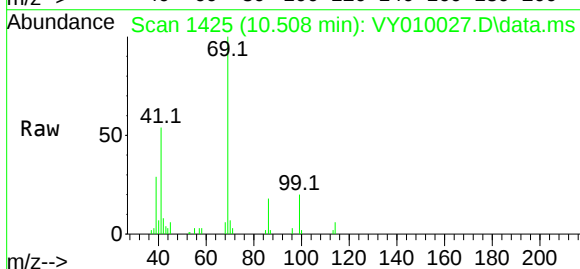
Tgt Ion: 69 Resp: 10193

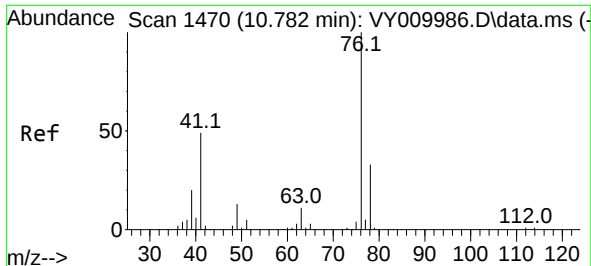
Ion Ratio Lower Upper

69 100

41 53.1 50.4 75.6

39 28.7 27.6 41.4





#57

1,3-Dichloropropane

Concen: 56.007 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

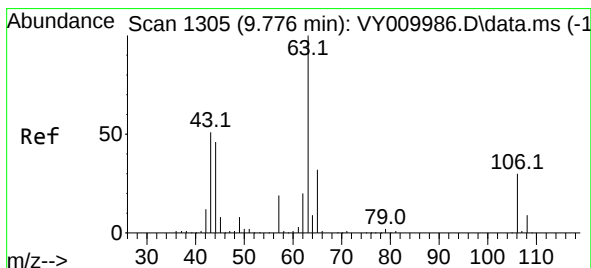
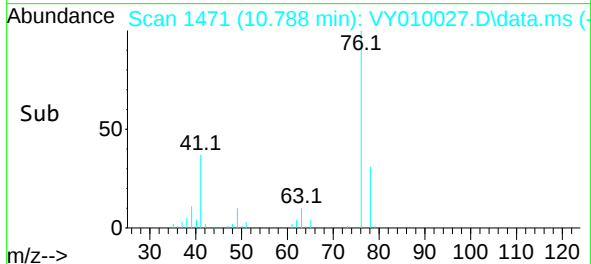
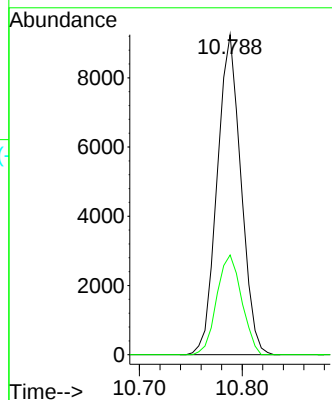
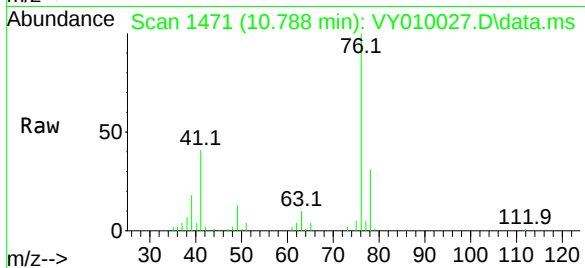
VSTDCCC050EC

Tgt Ion: 76 Resp: 14845

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 211.100 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY010027.D

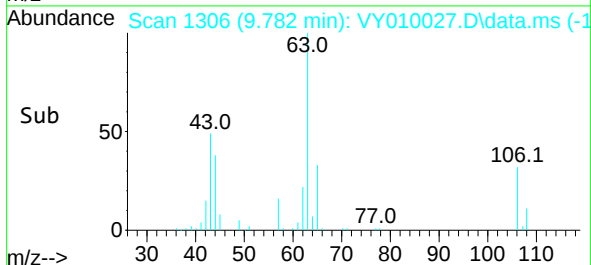
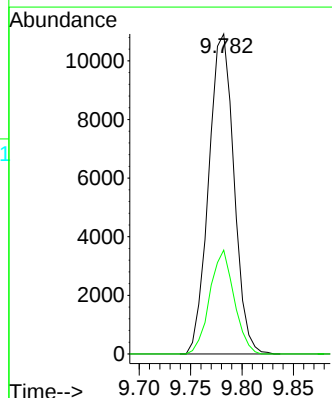
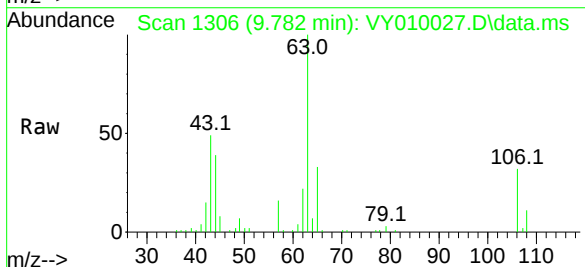
Acq: 15 Aug 2022 02:51

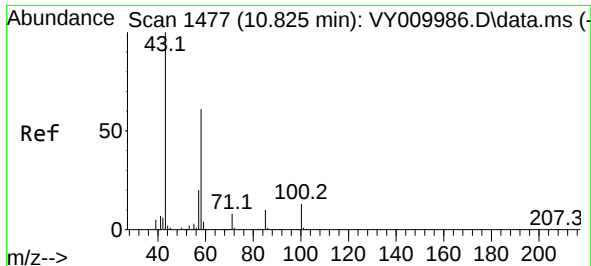
Tgt Ion: 63 Resp: 18668

Ion Ratio Lower Upper

63 100

106 31.2 23.3 34.9

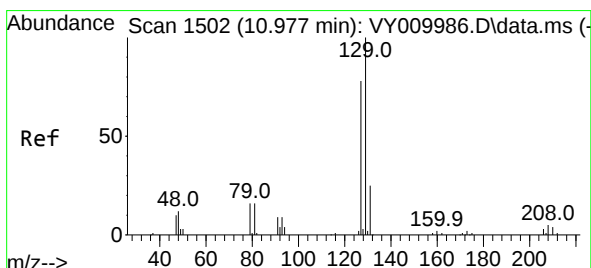
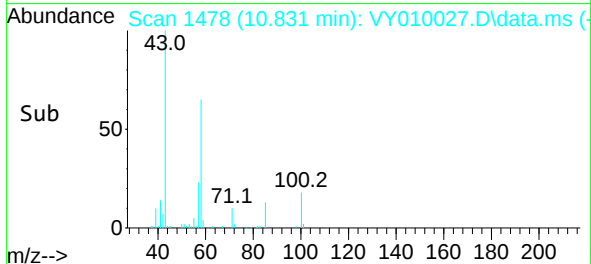
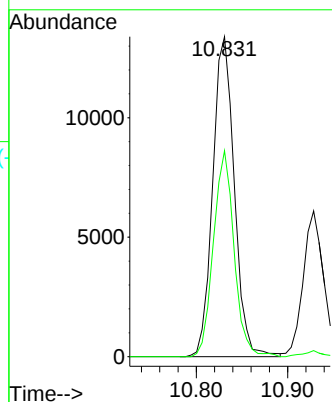
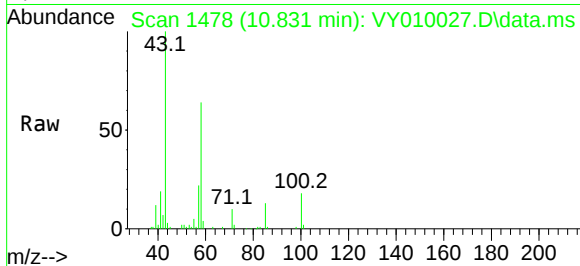




#59
2-Hexanone
Concen: 239.564 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

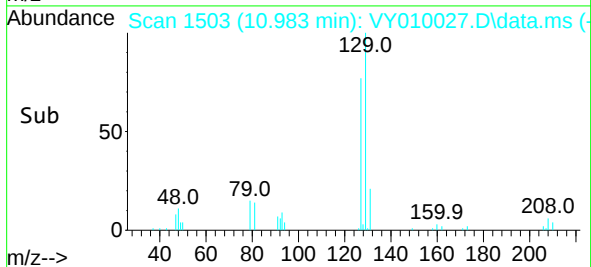
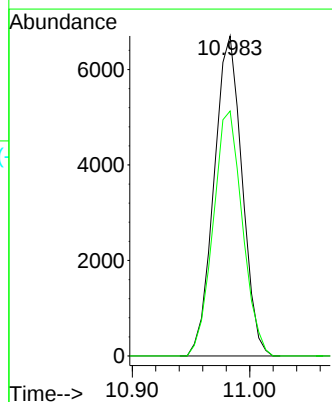
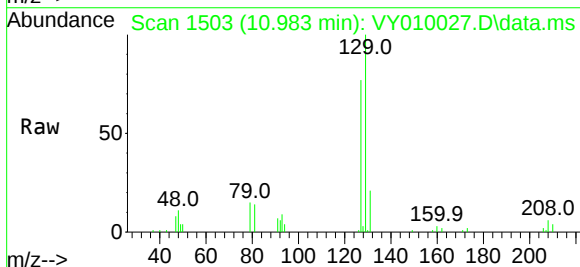
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

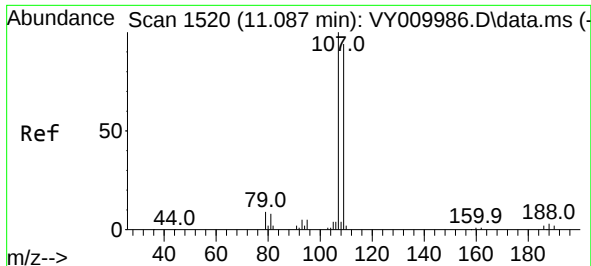
Tgt Ion: 43 Resp: 21944
Ion Ratio Lower Upper
43 100
58 61.6 27.6 82.8



#60
Dibromochloromethane
Concen: 59.500 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion: 129 Resp: 11104
Ion Ratio Lower Upper
129 100
127 80.0 38.8 116.4

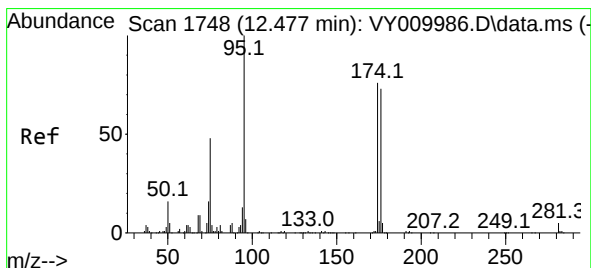
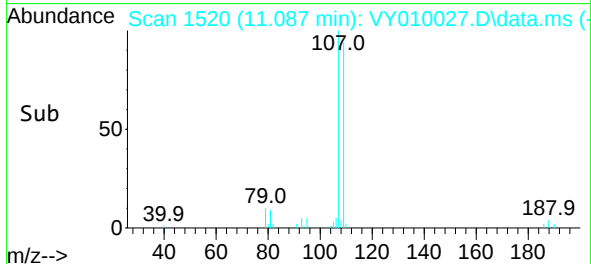
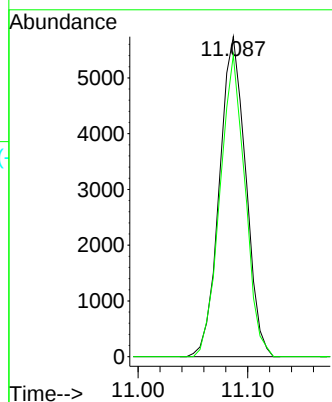
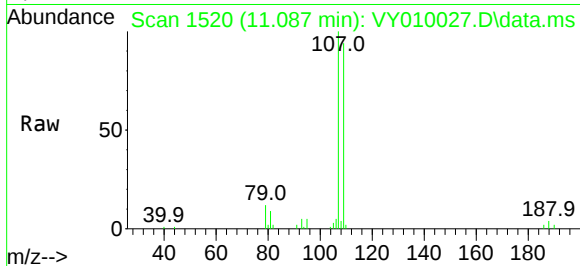




#61
1,2-Dibromoethane
Concen: 61.117 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

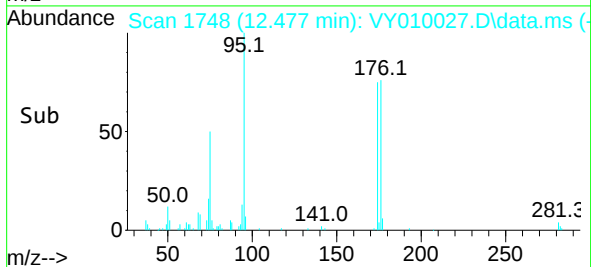
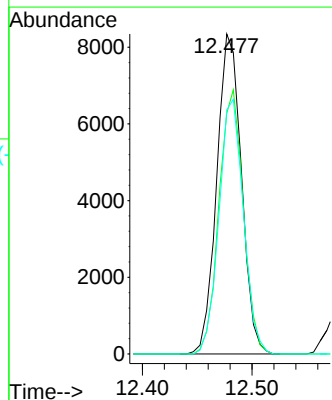
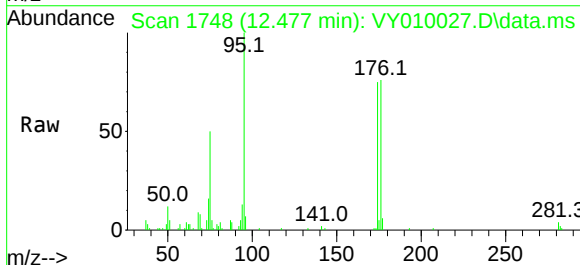
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

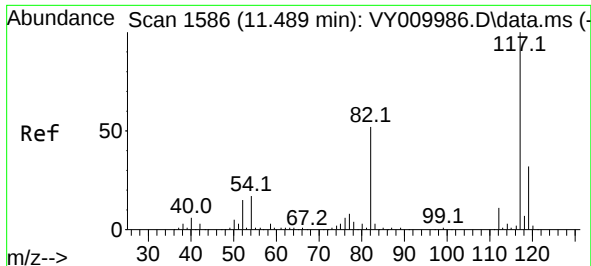
Tgt Ion:107 Resp: 9565
Ion Ratio Lower Upper
107 100
109 89.9 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 52.910 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion: 95 Resp: 13037
Ion Ratio Lower Upper
95 100
174 81.3 0.0 173.8
176 79.0 0.0 167.0

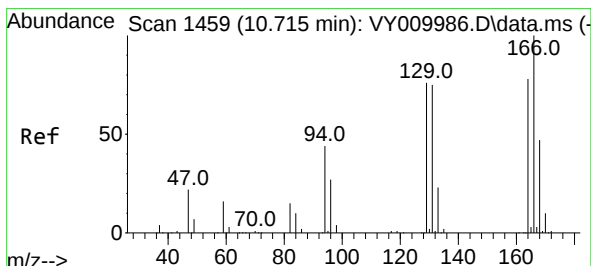
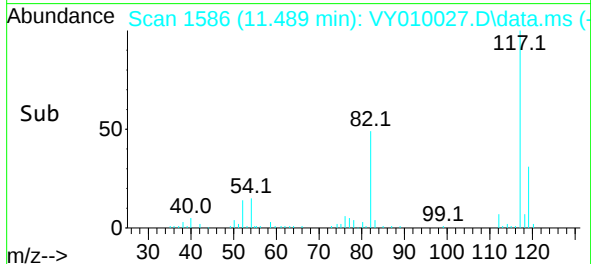
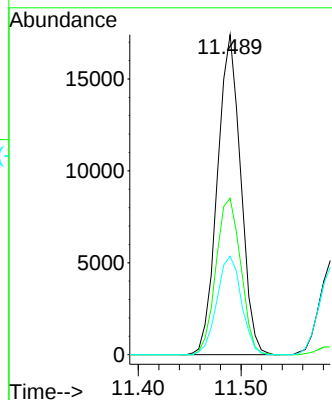
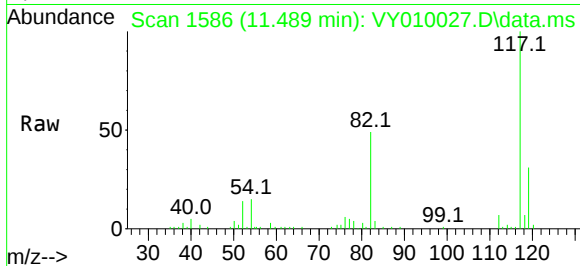




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

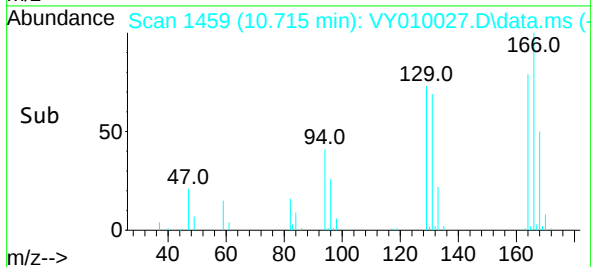
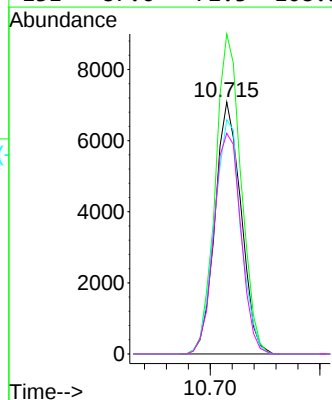
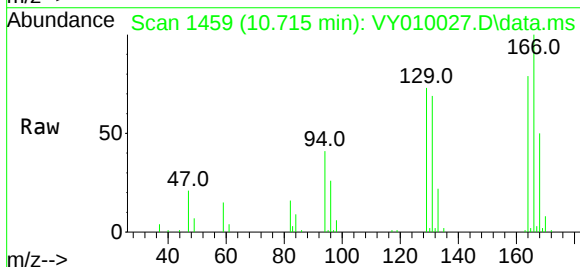
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

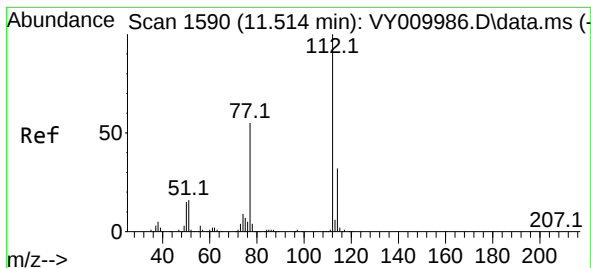
Tgt Ion:117	Resp:	27406
Ion	Ratio	Lower Upper
117	100	
82	48.9	41.8 62.6
119	30.8	25.6 38.4



#64
Tetrachloroethene
Concen: 58.293 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion:164	Resp:	11671
Ion	Ratio	Lower Upper
164	100	
166	127.0	104.9 157.3
129	92.9	76.5 114.7
131	87.6	72.3 108.5





#65

Chlorobenzene

Concen: 50.812 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

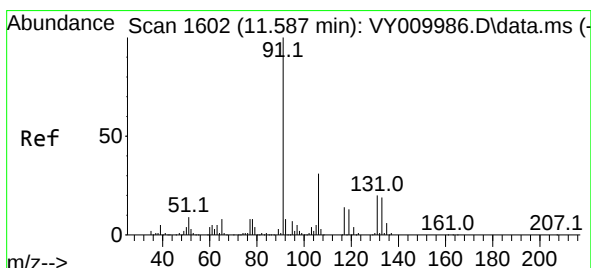
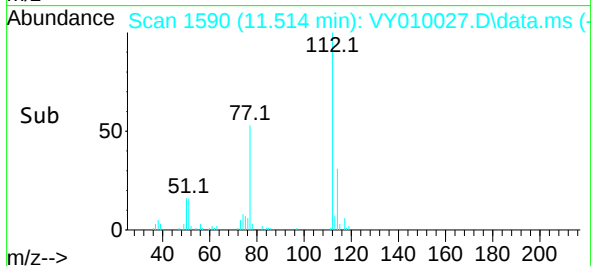
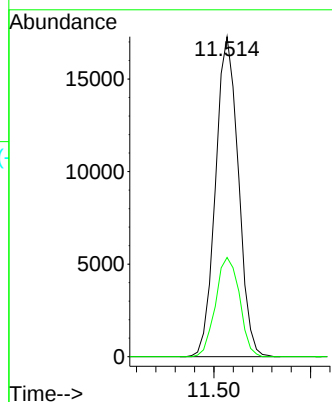
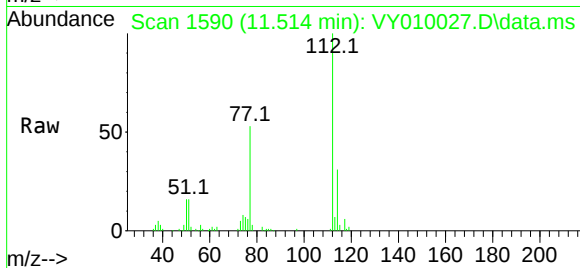
VSTDCCC050EC

Tgt Ion:112 Resp: 28266

Ion Ratio Lower Upper

112 100

114 31.0 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 58.748 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

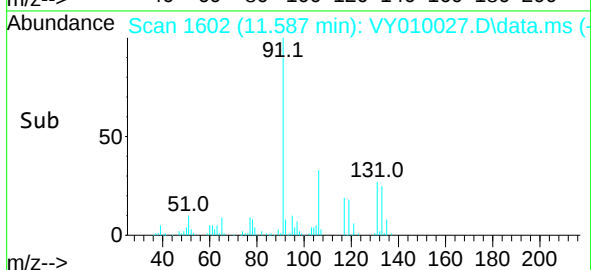
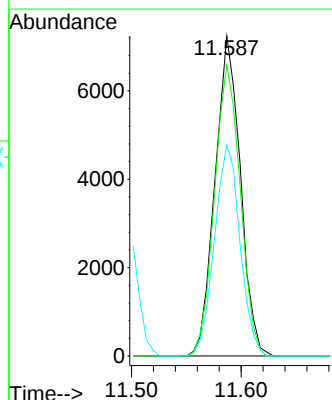
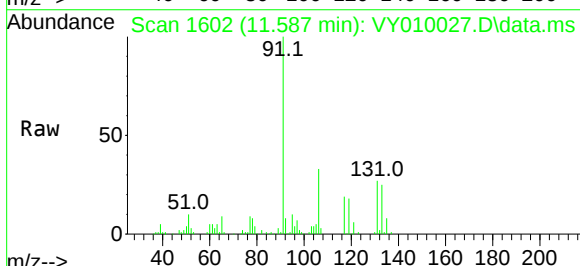
Tgt Ion:131 Resp: 11642

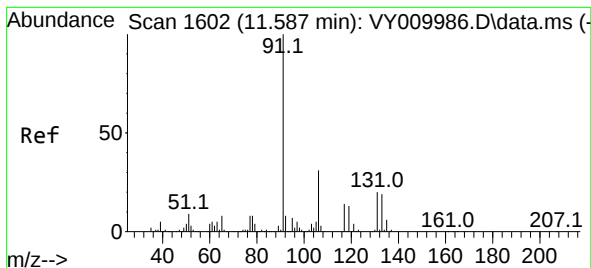
Ion Ratio Lower Upper

131 100

133 92.3 47.3 142.0

119 66.5 32.1 96.3





#67

Ethyl Benzene

Concen: 48.028 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

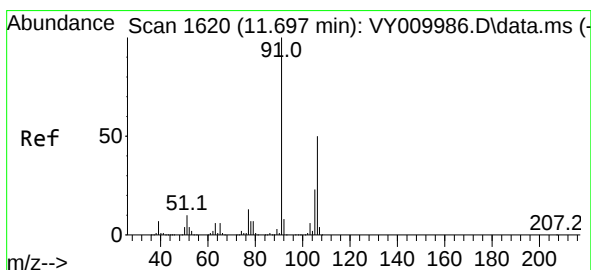
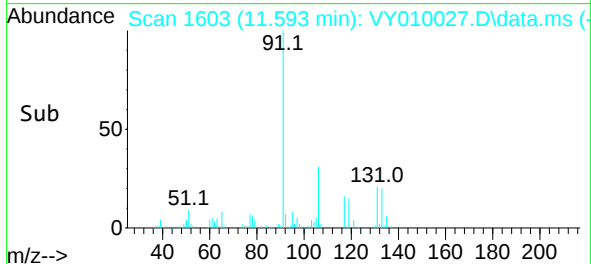
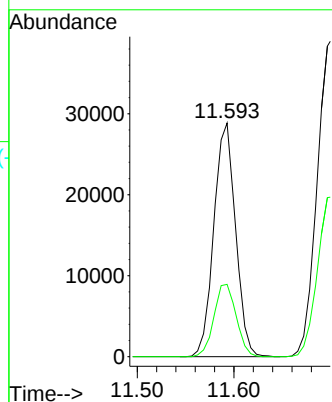
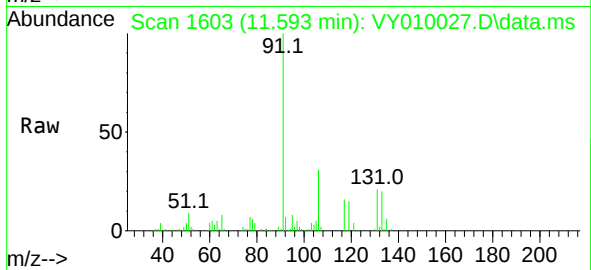
VSTDCCC050EC

Tgt Ion: 91 Resp: 44922

Ion Ratio Lower Upper

91 100

106 31.0 26.2 39.4



#68

m/p-Xylenes

Concen: 101.847 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY010027.D

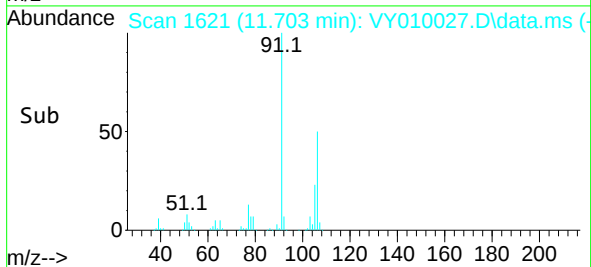
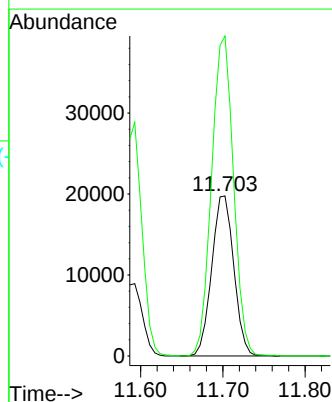
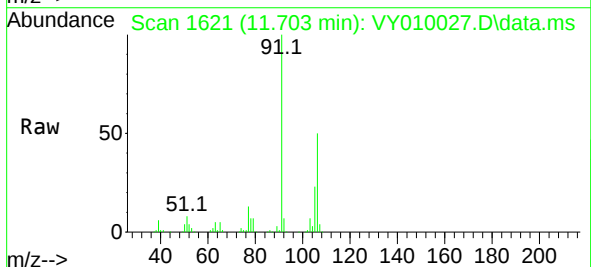
Acq: 15 Aug 2022 02:51

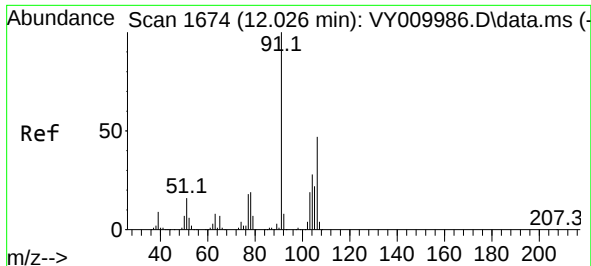
Tgt Ion:106 Resp: 36874

Ion Ratio Lower Upper

106 100

91 198.6 156.2 234.2

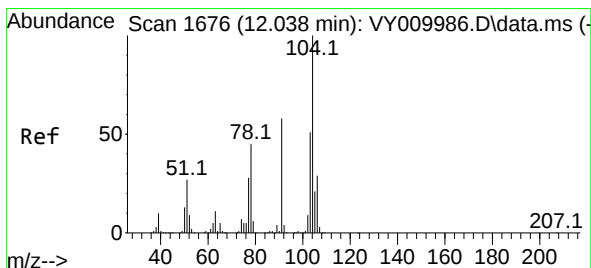
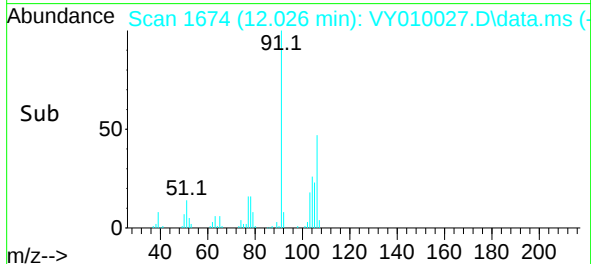
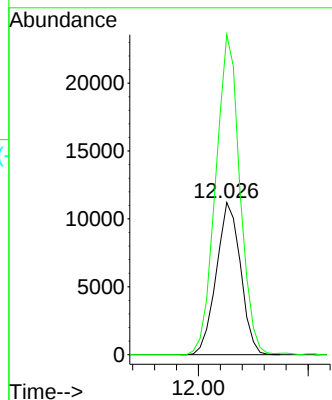
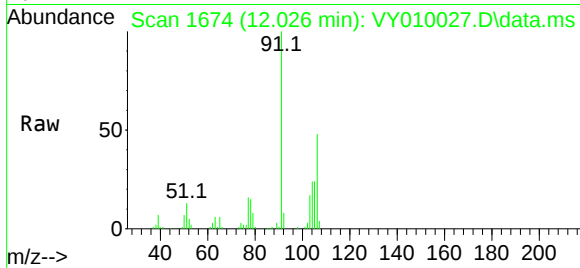




#69
o-Xylene
Concen: 50.152 ug/l
RT: 12.026 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

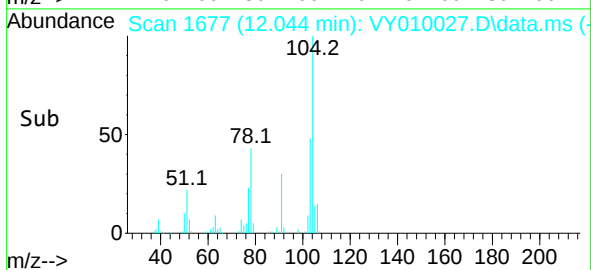
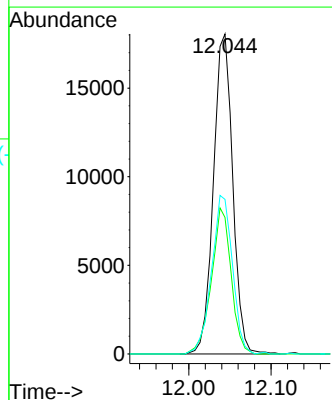
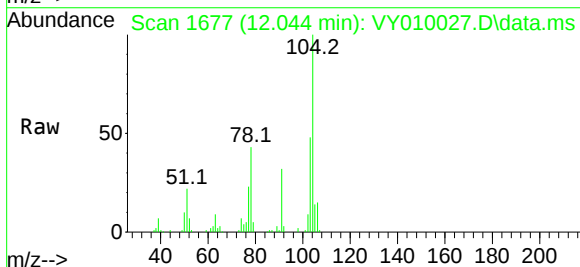
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

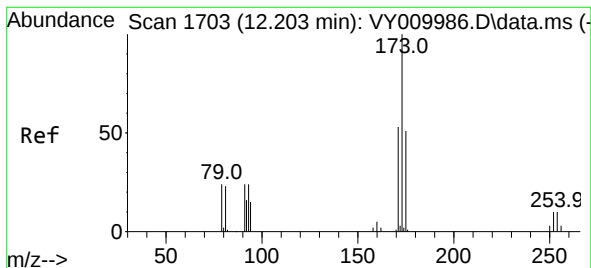
Tgt Ion:106 Resp: 17220
Ion Ratio Lower Upper
106 100
91 210.5 103.2 309.4



#70
Styrene
Concen: 50.349 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion:104 Resp: 29448
Ion Ratio Lower Upper
104 100
78 46.5 38.6 57.8
103 53.5 43.3 64.9





#71

Bromoform

Concen: 59.608 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

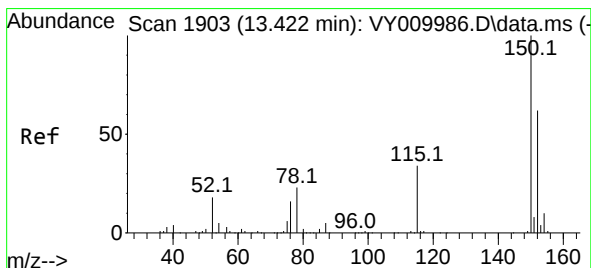
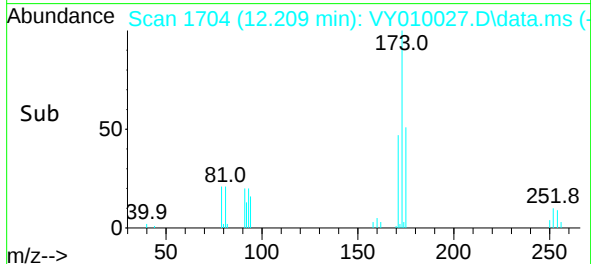
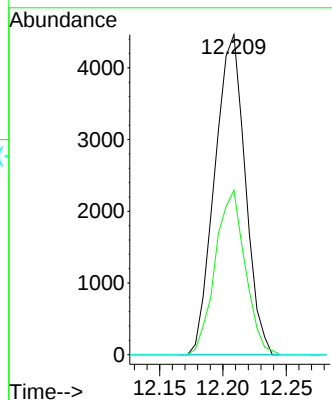
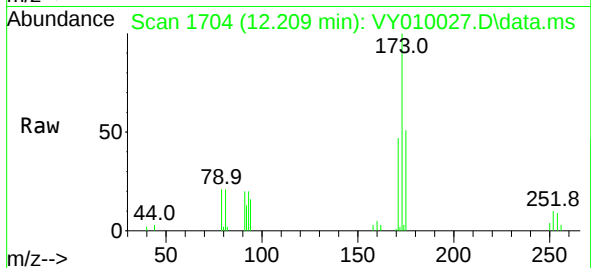
Tgt Ion:173 Resp: 7462

Ion Ratio Lower Upper

173 100

175 50.4 24.4 73.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

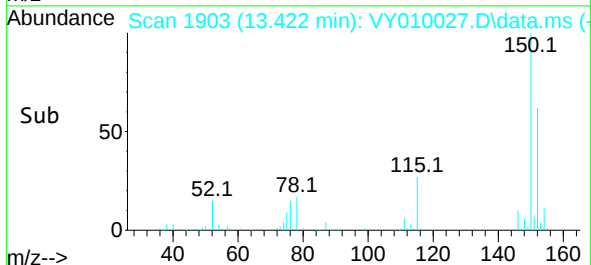
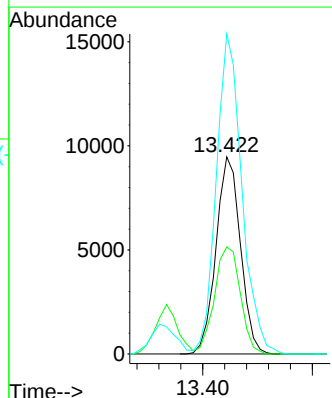
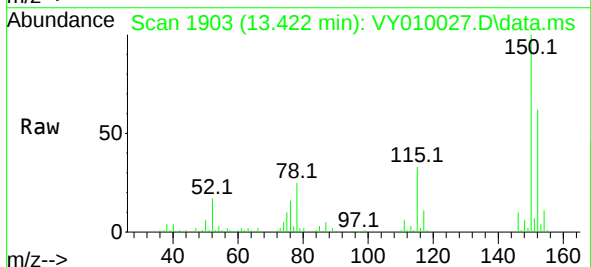
Tgt Ion:152 Resp: 14670

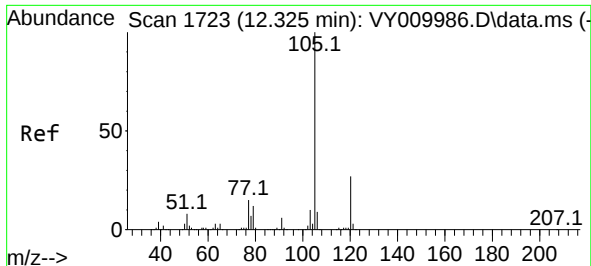
Ion Ratio Lower Upper

152 100

115 57.5 28.6 85.9

150 169.8 0.0 349.8

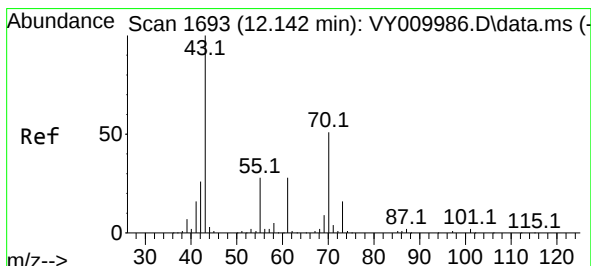
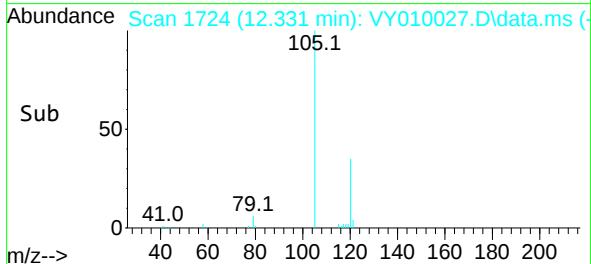
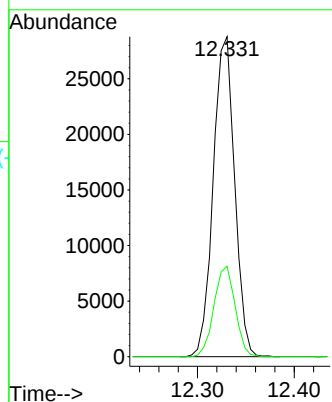
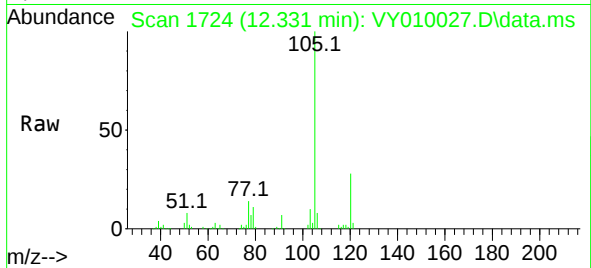




#73
Isopropylbenzene
Concen: 44.917 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

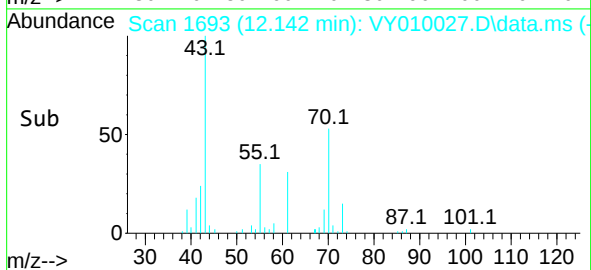
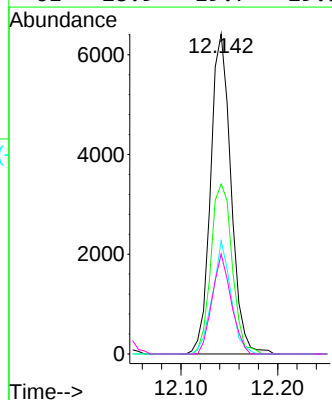
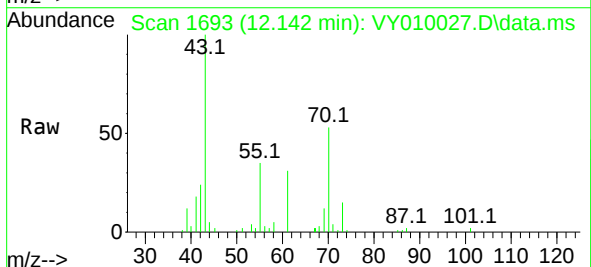
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

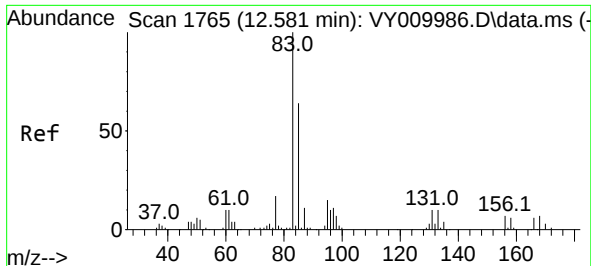
Tgt Ion:105 Resp: 44225
Ion Ratio Lower Upper
105 100
120 27.9 13.7 41.1



#74
N-ethyl acetate
Concen: 37.389 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion: 43 Resp: 9417
Ion Ratio Lower Upper
43 100
70 55.4 35.6 53.4#
55 32.0 19.5 29.3#
61 28.9 19.7 29.5

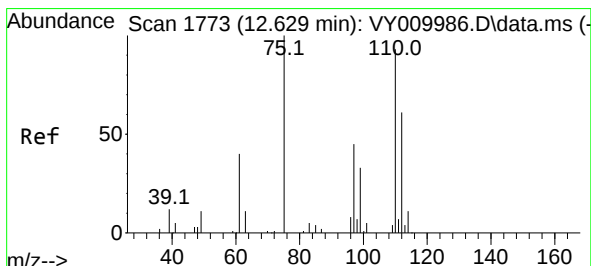
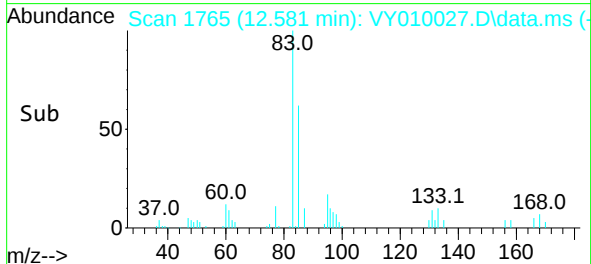
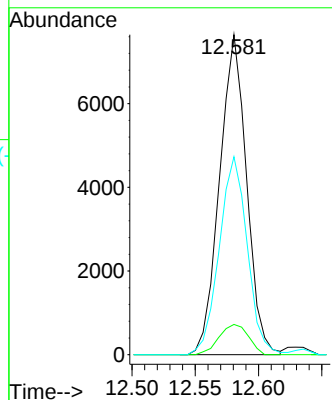
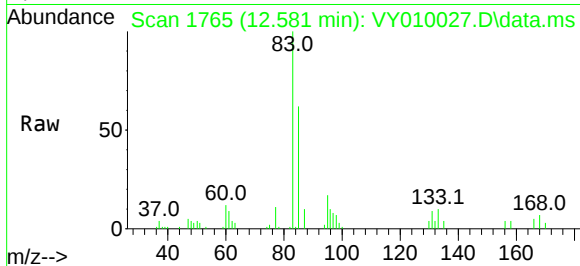




#75
1,1,2,2-Tetrachloroethane
Concen: 49.971 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

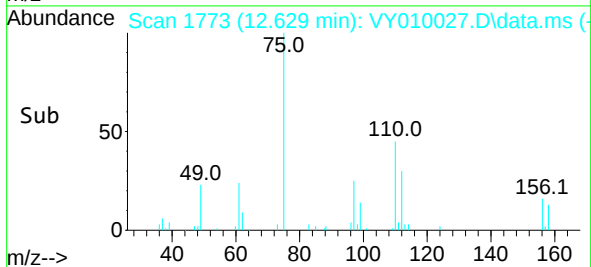
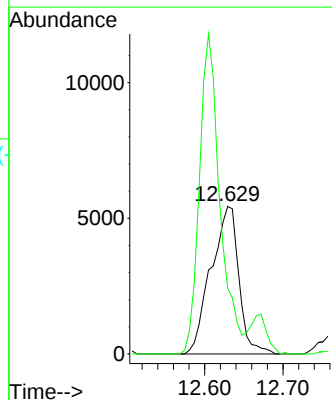
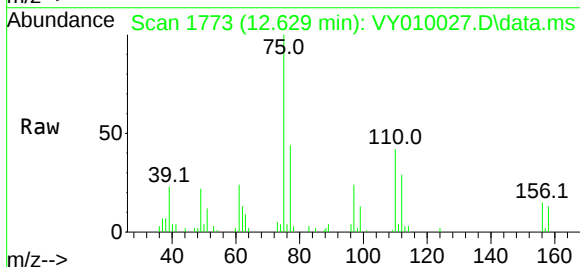
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

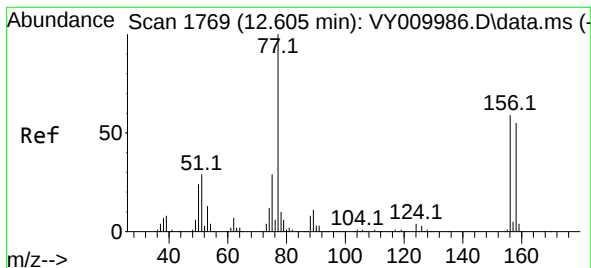
Tgt Ion: 83 Resp: 11356
Ion Ratio Lower Upper
83 100
131 10.3 5.4 16.2
85 64.1 32.8 98.4



#76
1,2,3-Trichloropropane
Concen: 79.204 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion: 75 Resp: 13427
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.906 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

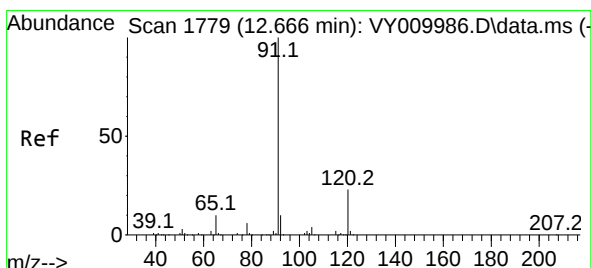
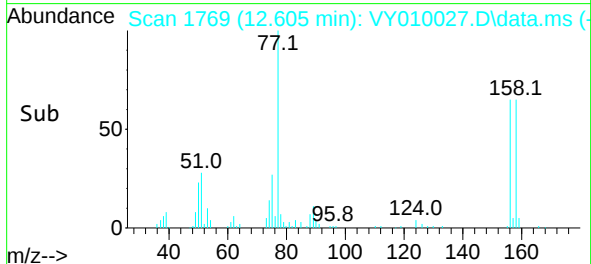
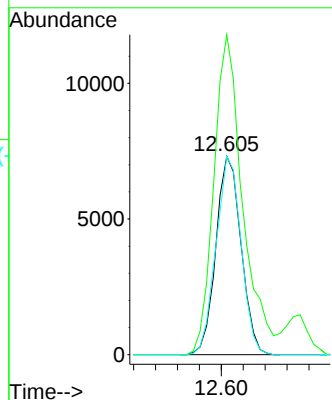
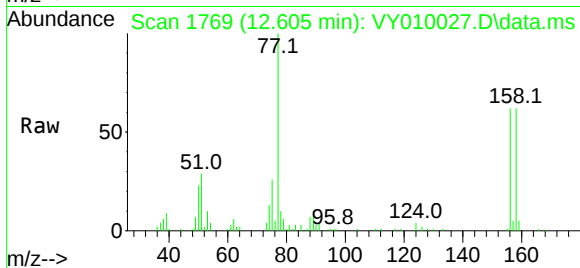
Tgt Ion:156 Resp: 11649

Ion Ratio Lower Upper

156 100

77 183.7 88.1 264.3

158 99.6 48.6 145.8



#78

n-propylbenzene

Concen: 44.718 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY010027.D

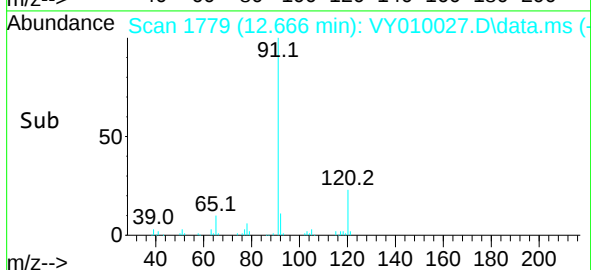
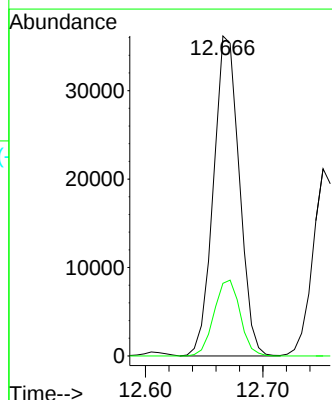
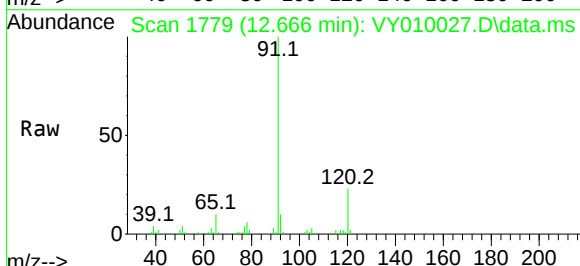
Acq: 15 Aug 2022 02:51

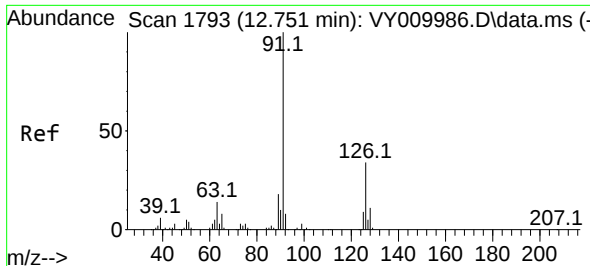
Tgt Ion: 91 Resp: 55258

Ion Ratio Lower Upper

91 100

120 23.9 11.9 35.5

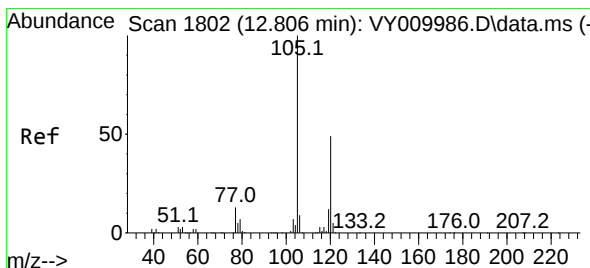
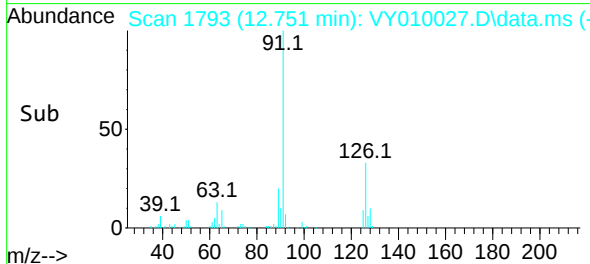
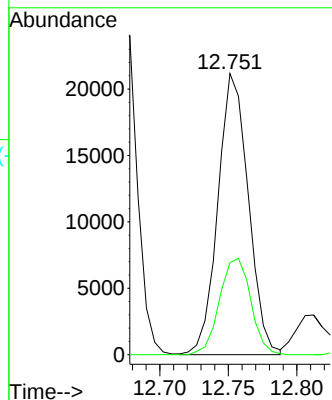
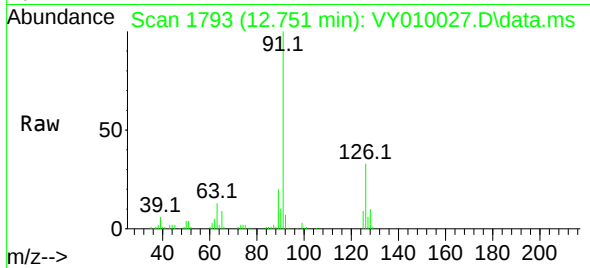




#79
2-Chlorotoluene
Concen: 46.596 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

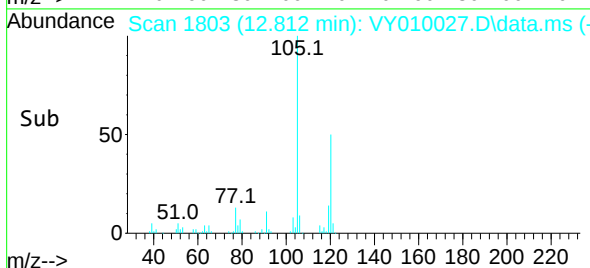
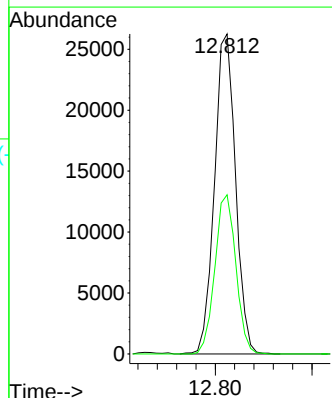
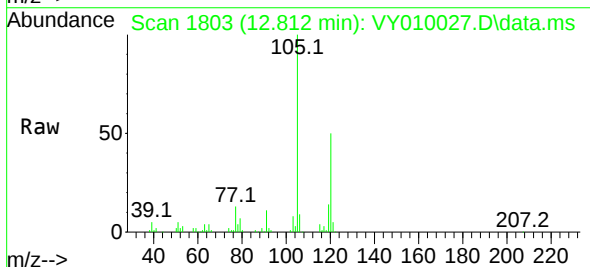
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

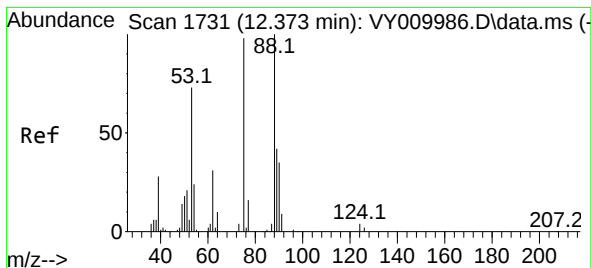
Tgt Ion: 91 Resp: 32706
Ion Ratio Lower Upper
91 100
126 35.1 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 49.216 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion: 105 Resp: 39592
Ion Ratio Lower Upper
105 100
120 49.7 25.3 75.8

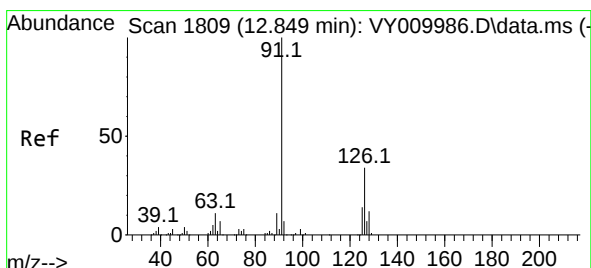
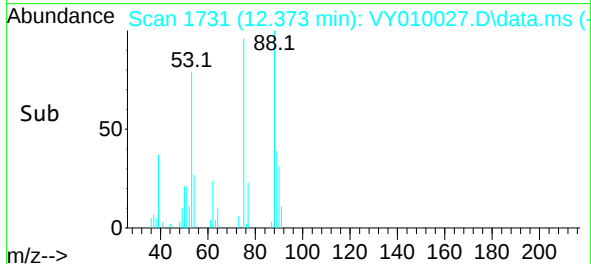
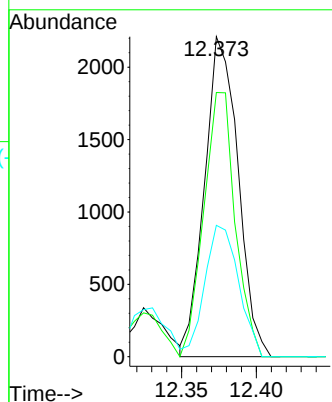
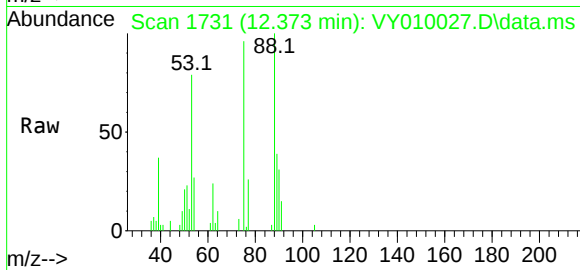




#81
trans-1,4-Dichloro-2-butene
Concen: 44.149 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

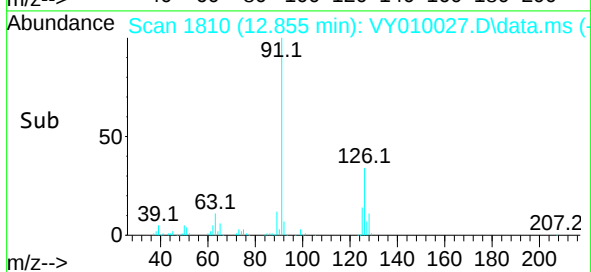
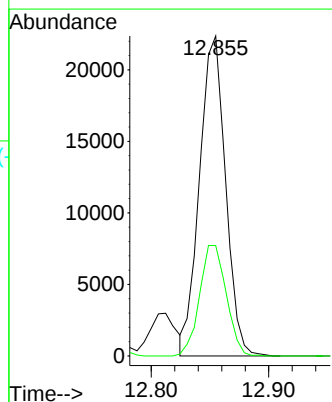
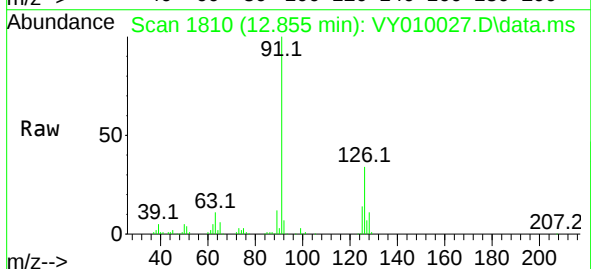
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

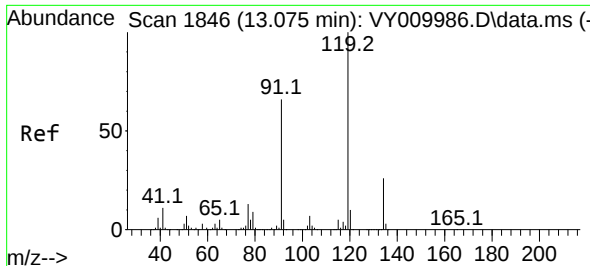
Tgt Ion: 75 Resp: 3443
Ion Ratio Lower Upper
75 100
53 77.7 71.4 107.2
89 41.5 38.1 57.1



#82
4-Chlorotoluene
Concen: 47.134 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion: 91 Resp: 34464
Ion Ratio Lower Upper
91 100
126 35.5 18.0 54.0

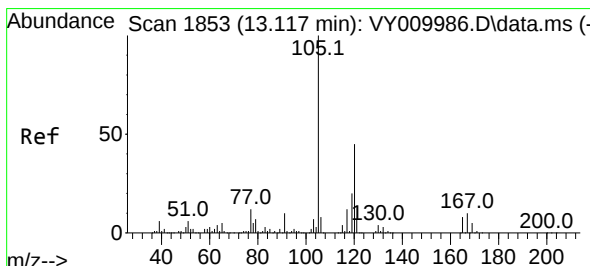
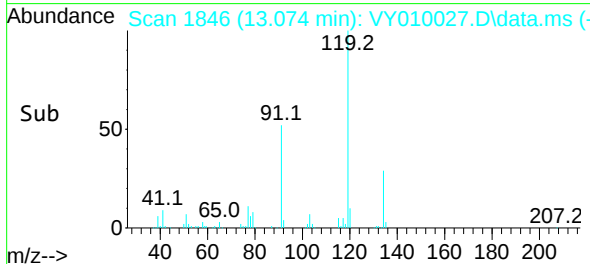
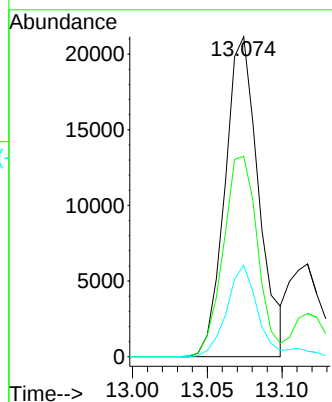
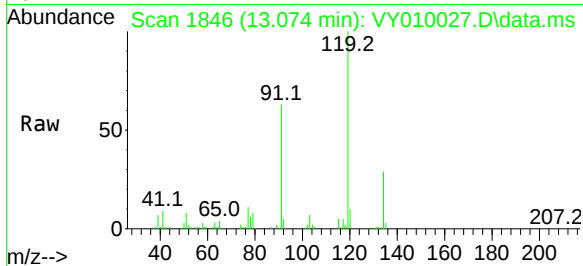




#83
 tert-Butylbenzene
 Concen: 46.880 ug/l
 RT: 13.074 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VY010027.D
 Acq: 15 Aug 2022 02:51

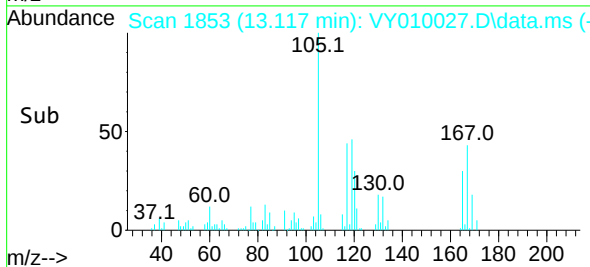
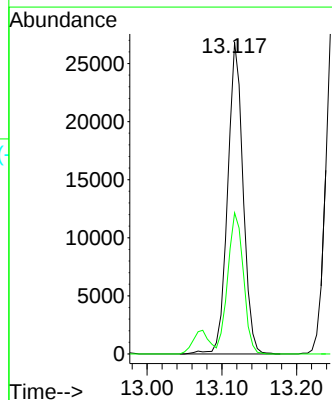
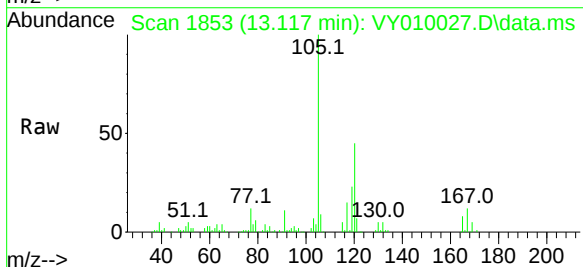
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

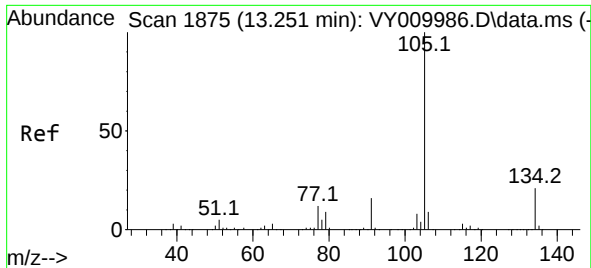
Tgt Ion:119 Resp: 33149
 Ion Ratio Lower Upper
 119 100
 91 63.8 32.0 96.0
 134 27.6 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 47.746 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VY010027.D
 Acq: 15 Aug 2022 02:51

Tgt Ion:105 Resp: 38570
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.4 70.3

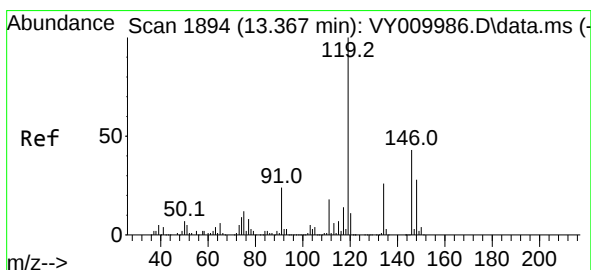
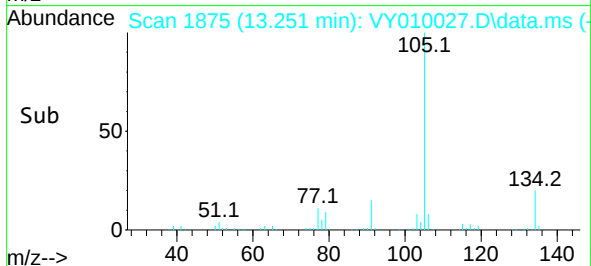
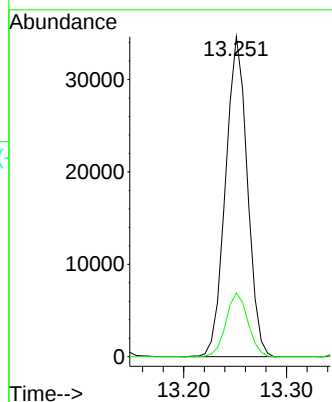
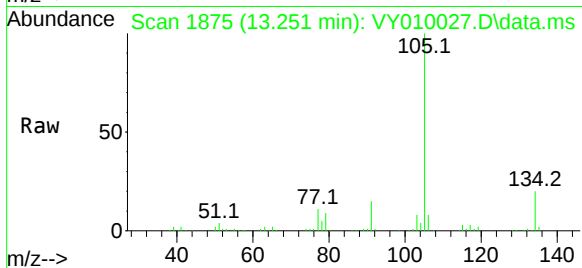




#85
 sec-Butylbenzene
 Concen: 47.100 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY010027.D
 Acq: 15 Aug 2022 02:51

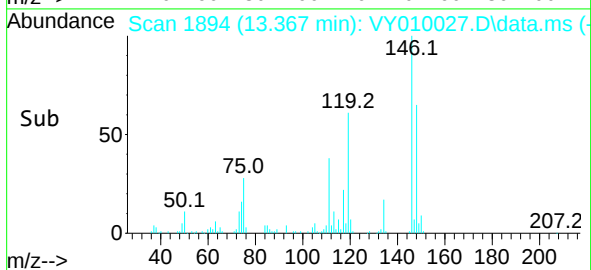
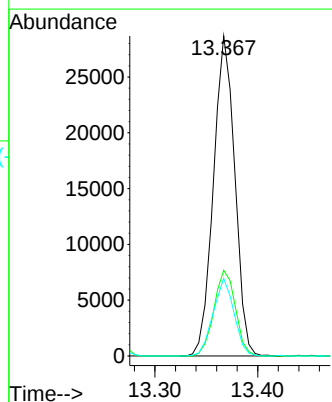
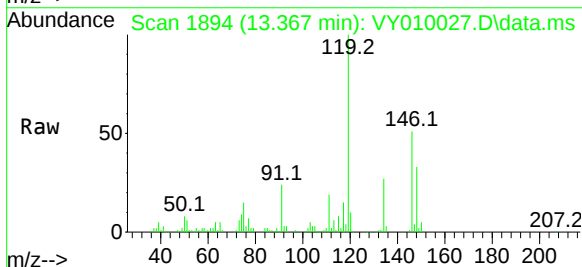
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

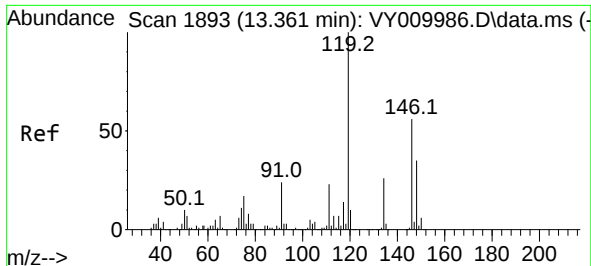
Tgt Ion:105 Resp: 51025
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 48.366 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY010027.D
 Acq: 15 Aug 2022 02:51

Tgt Ion:119 Resp: 41360
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 23.6 11.6 34.8

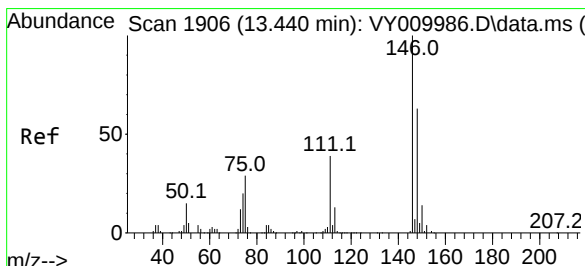
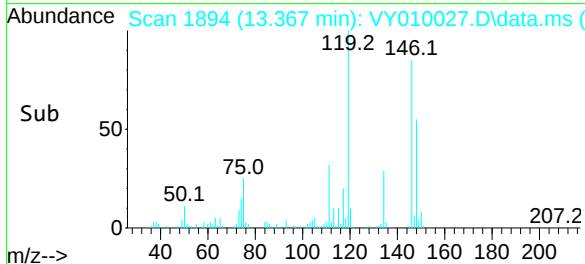
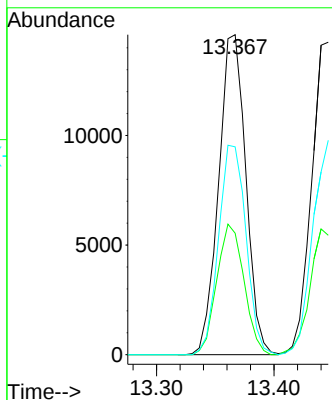
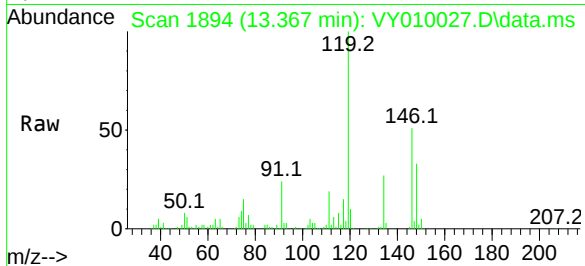




#87
 1,3-Dichlorobenzene
 Concen: 50.045 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY010027.D
 Acq: 15 Aug 2022 02:51

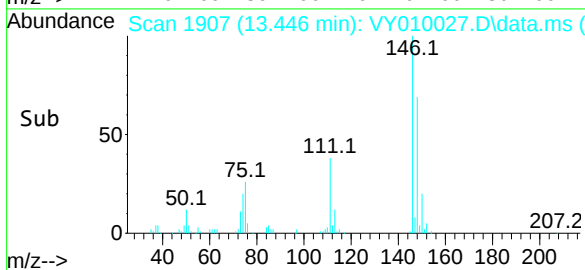
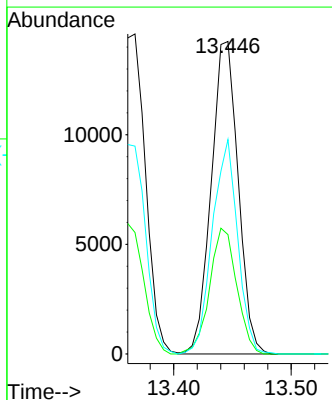
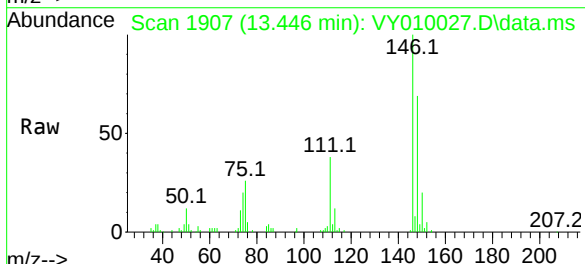
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

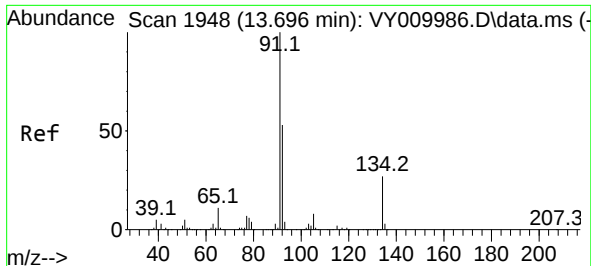
Tgt Ion:146 Resp: 23496
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.1 57.3
 148 66.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 46.671 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY010027.D
 Acq: 15 Aug 2022 02:51

Tgt Ion:146 Resp: 22779
 Ion Ratio Lower Upper
 146 100
 111 40.4 18.9 56.9
 148 64.4 31.6 95.0

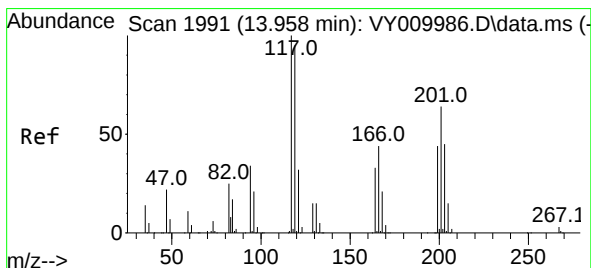
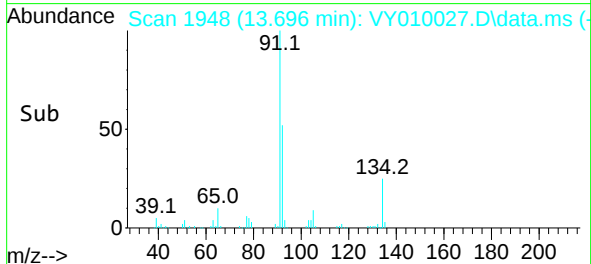
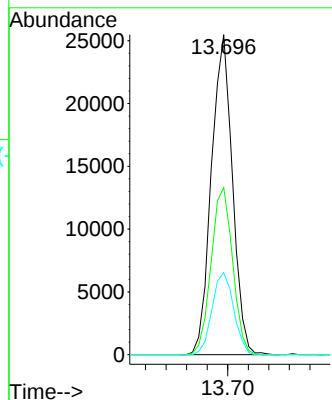
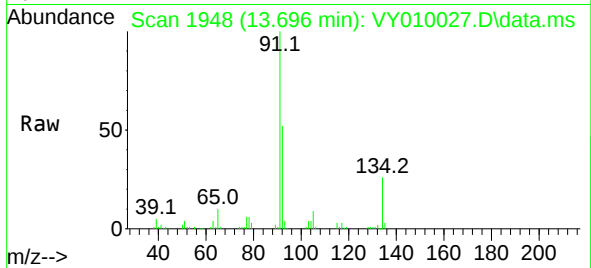




#89
n-Butylbenzene
Concen: 43.785 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

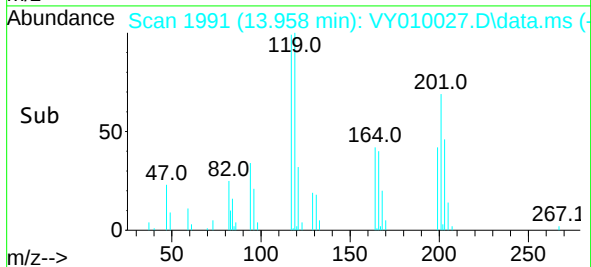
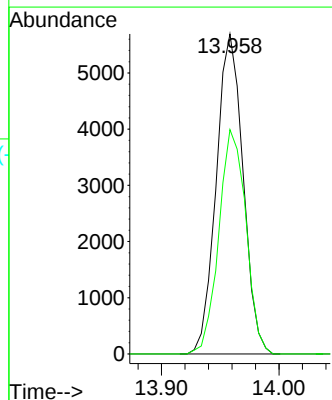
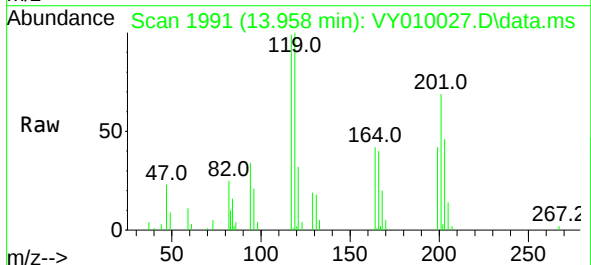
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

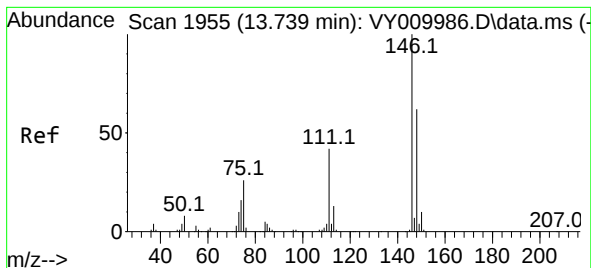
Tgt Ion: 91 Resp: 36151
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.7
134 26.3 14.0 41.9



#90
Hexachloroethane
Concen: 49.171 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010027.D
Acq: 15 Aug 2022 02:51

Tgt Ion: 117 Resp: 9017
Ion Ratio Lower Upper
117 100
201 70.9 38.8 116.3





#91

1,2-Dichlorobenzene

Concen: 52.586 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

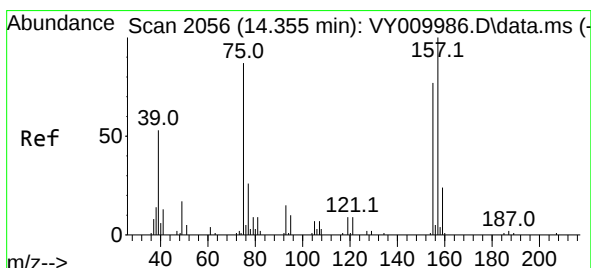
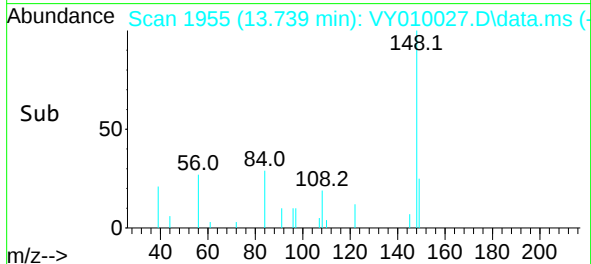
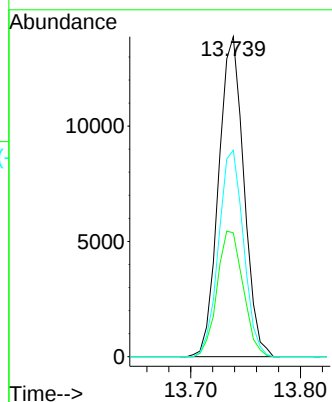
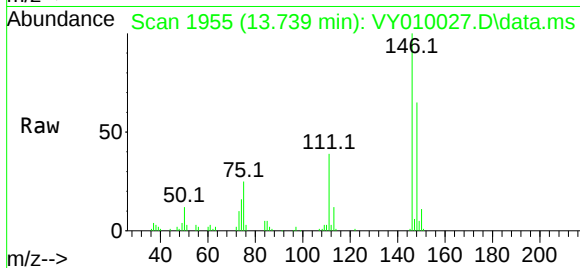
Tgt Ion:146 Resp: 22208

Ion Ratio Lower Upper

146 100

111 40.5 19.7 59.1

148 63.7 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.208 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

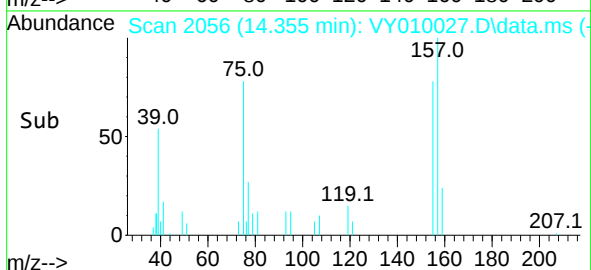
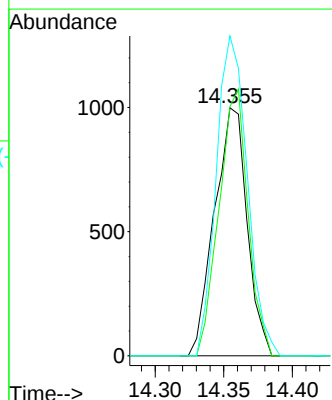
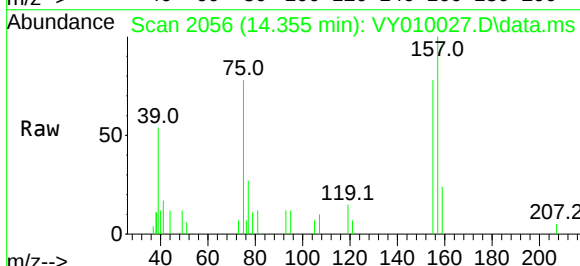
Tgt Ion: 75 Resp: 1650

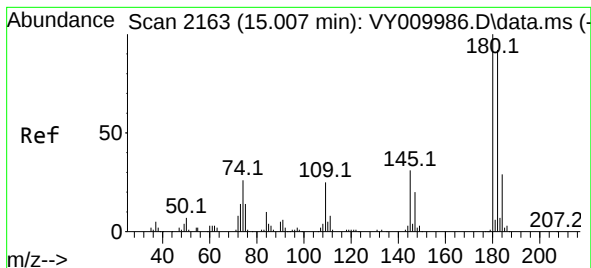
Ion Ratio Lower Upper

75 100

155 95.7 46.4 139.1

157 122.8 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 39.295 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

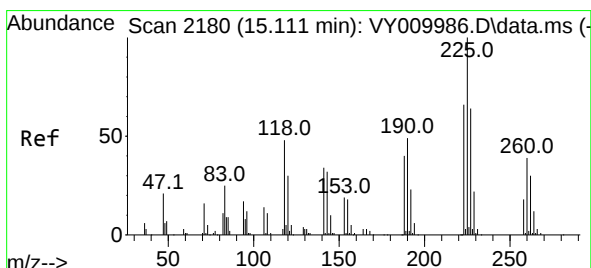
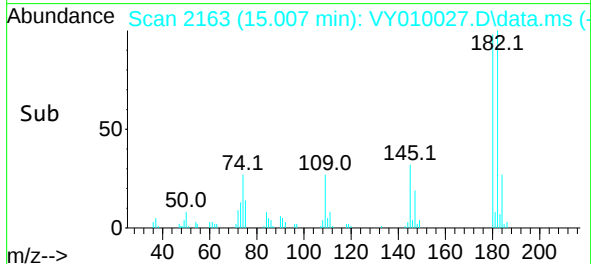
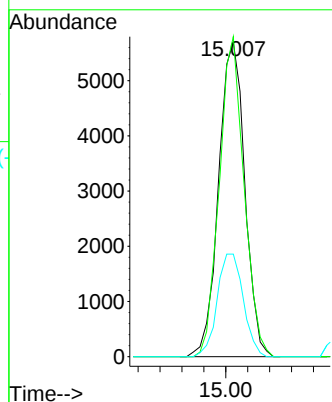
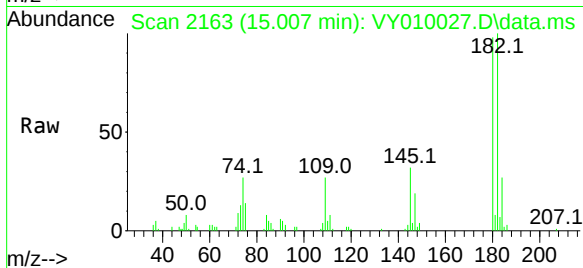
Tgt Ion:180 Resp: 9442

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.9

145 32.5 15.1 45.3



#94

Hexachlorobutadiene

Concen: 48.506 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

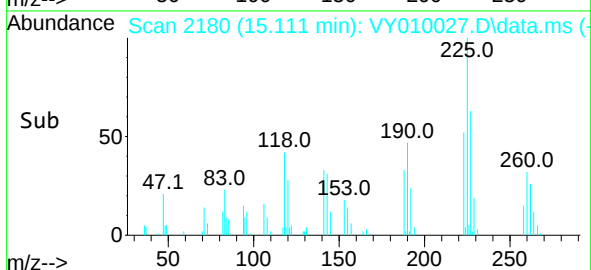
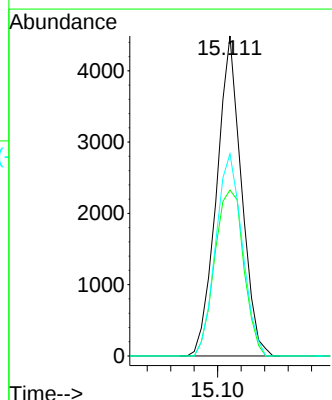
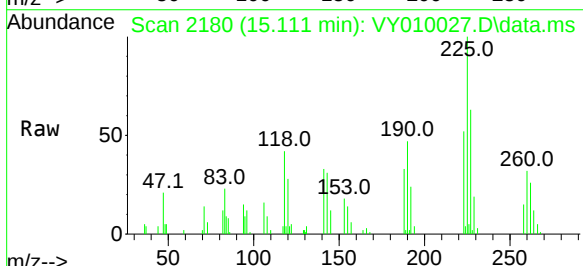
Tgt Ion:225 Resp: 6582

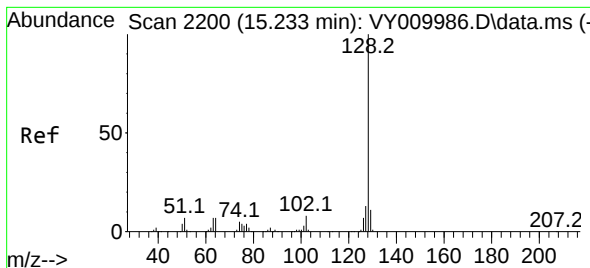
Ion Ratio Lower Upper

225 100

223 60.6 30.8 92.3

227 67.3 31.9 95.5





#95

Naphthalene

Concen: 34.561 ug/l

RT: 15.232 min Scan# 2200

Delta R.T. -0.001 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

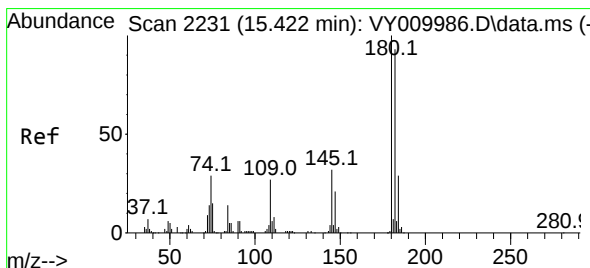
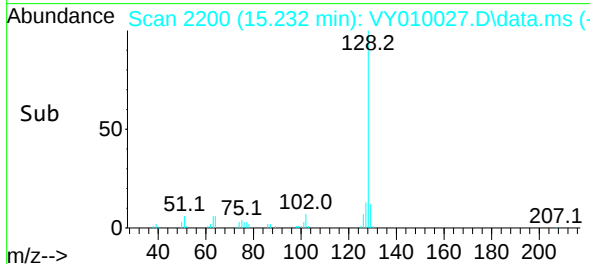
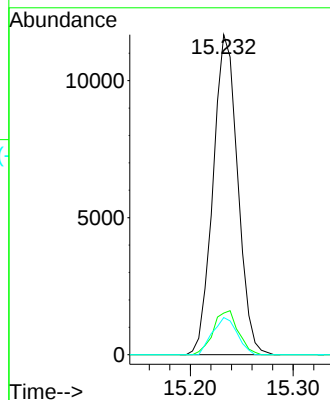
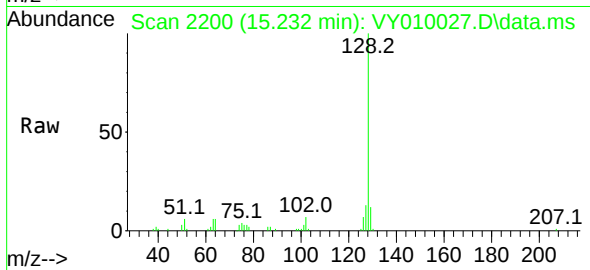
Tgt Ion:128 Resp: 19441

Ion Ratio Lower Upper

128 100

127 13.9 10.6 15.8

129 11.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 40.544 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010027.D

Acq: 15 Aug 2022 02:51

Tgt Ion:180 Resp: 8713

Ion Ratio Lower Upper

180 100

182 91.4 47.0 141.0

145 32.0 15.6 46.7

