

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009019.D
 Acq On : 23 May 2022 20:10
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 24 01:51:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	120602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	199505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	205573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138512	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	52663	42.429	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.860%
35) Dibromofluoromethane	7.716	113	56370	45.438	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.880%
50) Toluene-d8	10.179	98	186972	40.852	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.700%
62) 4-Bromofluorobenzene	12.477	95	99899	54.110	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	58767	53.277	ug/l	99
3) Chloromethane	2.107	50	96694	61.189	ug/l	99
4) Vinyl Chloride	2.247	62	142893	61.034	ug/l	96
5) Bromomethane	2.638	94	119474	52.060	ug/l	97
6) Chloroethane	2.784	64	99165	59.788	ug/l	96
7) Trichlorofluoromethane	3.119	101	104643	52.632	ug/l	92
8) Diethyl Ether	3.528	74	33854	54.455	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.887	101	64749	52.988	ug/l	93
10) Methyl Iodide	4.082	142	71267	56.481	ug/l	91
11) Tert butyl alcohol	4.948	59	32894	261.271	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	59250	52.232	ug/l	83
13) Acrolein	3.723	56	4820	116.310	ug/l	98
14) Allyl chloride	4.473	41	87304	51.070	ug/l #	83
15) Acrylonitrile	5.149	53	98162	282.004	ug/l	97
16) Acetone	3.942	43	68968	266.937	ug/l	90
17) Carbon Disulfide	4.186	76	191863	51.772	ug/l	100
18) Methyl Acetate	4.473	43	43846	54.497	ug/l #	86
19) Methyl tert-butyl Ether	5.210	73	184784	54.272	ug/l	96
20) Methylene Chloride	4.710	84	79104	55.728	ug/l	86
21) trans-1,2-Dichloroethene	5.210	96	76819	52.761	ug/l	87
22) Diisopropyl ether	6.113	45	226200	55.077	ug/l #	97
23) Vinyl Acetate	6.058	43	782178	287.913	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	130601	53.166	ug/l	99
25) 2-Butanone	6.984	43	131061	284.006	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	112160	49.566	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	87309	53.195	ug/l	87
28) Bromochloromethane	7.332	49	45694	54.194	ug/l #	91
29) Tetrahydrofuran	7.344	42	89888	286.752	ug/l #	84
30) Chloroform	7.503	83	139736	52.698	ug/l	99
31) Cyclohexane	7.783	56	122748	50.551	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	127268	52.903	ug/l	98
36) 1,1-Dichloropropene	7.911	75	112993	53.519	ug/l	98
37) Ethyl Acetate	7.070	43	60804	55.520	ug/l	97
38) Carbon Tetrachloride	7.899	117	116711	52.844	ug/l	97
39) Methylcyclohexane	9.179	83	146465	53.745	ug/l	89
40) Benzene	8.155	78	328411	53.943	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	84569	149.642	ug/l #	43
42) 1,2-Dichloroethane	8.234	62	98587	55.147	ug/l	93
43) Isopropyl Acetate	8.271	43	120397	59.123	ug/l #	93
44) Trichloroethene	8.935	130	83578	51.847	ug/l	91
45) 1,2-Dichloropropane	9.210	63	80263	54.905	ug/l	96
46) Dibromomethane	9.301	93	51213	55.096	ug/l	95
47) Bromodichloromethane	9.490	83	117740	55.424	ug/l	97
48) Methyl methacrylate	9.289	41	55339	60.859	ug/l	89
49) 1,4-Dioxane	9.289	88	14182	1141.351	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	341973	303.437	ug/l	91
52) Toluene	10.240	92	234338	55.079	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	125816	55.772	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	131339	54.157	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	71438	54.933	ug/l	98
56) Ethyl methacrylate	10.508	69	99355	59.758	ug/l #	85
57) 1,3-Dichloropropane	10.789	76	120097	56.613	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	195864	272.299	ug/l	96
59) 2-Hexanone	10.831	43	244058	316.291	ug/l	89
60) Dibromochloromethane	10.984	129	88234	55.971	ug/l	98
61) 1,2-Dibromoethane	11.087	107	73137	56.755	ug/l	98
64) Tetrachloroethene	10.715	164	74025	49.472	ug/l	95
65) Chlorobenzene	11.514	112	249793	52.941	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	93195	53.942	ug/l	97
67) Ethyl Benzene	11.593	91	464348	54.609	ug/l	97
68) m/p-Xylenes	11.703	106	397014	115.014	ug/l	91
69) o-Xylene	12.026	106	181644	56.667	ug/l	91
70) Styrene	12.044	104	325902	59.120	ug/l	94
71) Bromoform	12.209	173	65344	57.054	ug/l #	99
73) Isopropylbenzene	12.325	105	498070	48.089	ug/l	99
74) N-amyl acetate	12.142	43	131039	54.837	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	102789	48.178	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	131031	88.091	ug/l #	100
77) Bromobenzene	12.605	156	113807	47.402	ug/l	94
78) n-propylbenzene	12.666	91	624341	52.176	ug/l	99
79) 2-Chlorotoluene	12.758	91	343296	49.736	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	447932	51.598	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	34952	48.229	ug/l	88
82) 4-Chlorotoluene	12.849	91	381264	51.644	ug/l	97
83) tert-Butylbenzene	13.075	119	392934	51.019	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	454961	52.793	ug/l	97
85) sec-Butylbenzene	13.252	105	618812	52.514	ug/l	100
86) p-Isopropyltoluene	13.373	119	461693	46.984	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	247519	48.330	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	268092	52.104	ug/l	98
89) n-Butylbenzene	13.697	91	479859	53.378	ug/l	100
90) Hexachloroethane	13.959	117	91349	49.606	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	236530	52.319	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11436	34.525	ug/l	66
93) 1,2,4-Trichlorobenzene	15.007	180	117993	47.556	ug/l	99
94) Hexachlorobutadiene	15.111	225	62957	46.556	ug/l	97
95) Naphthalene	15.239	128	257719	51.706	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	105089	48.741	ug/l	99

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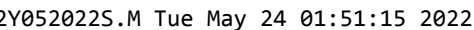
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

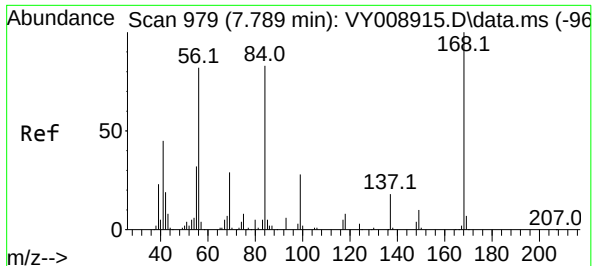
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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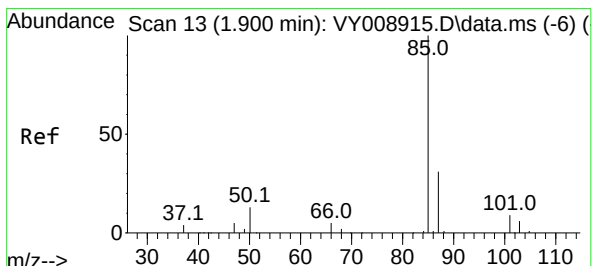
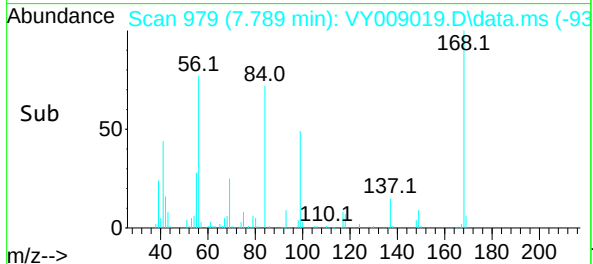
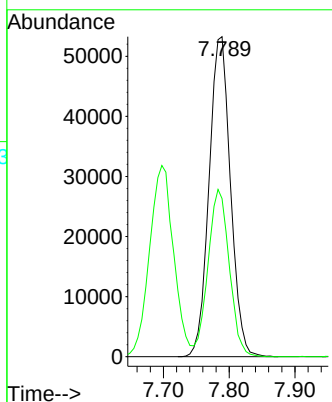
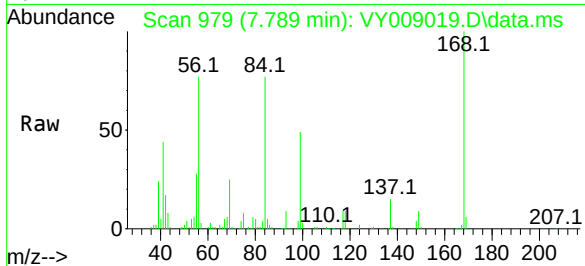




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009019.D
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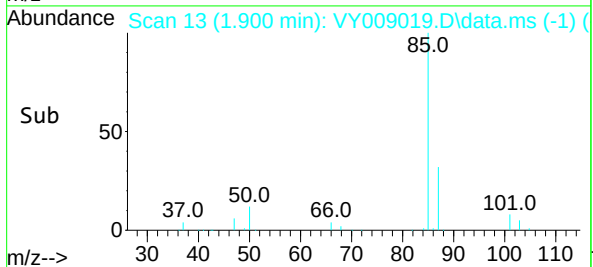
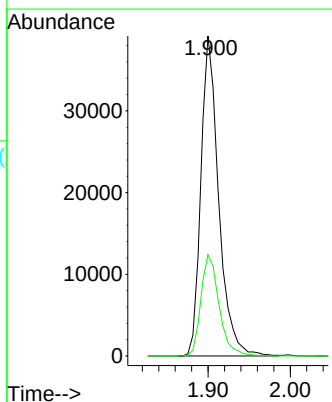
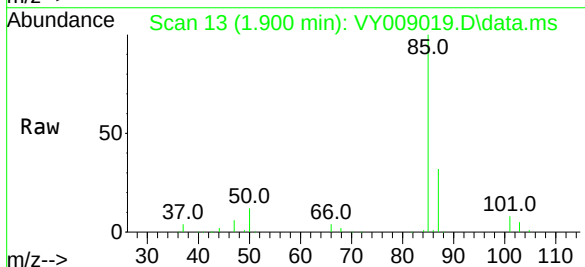
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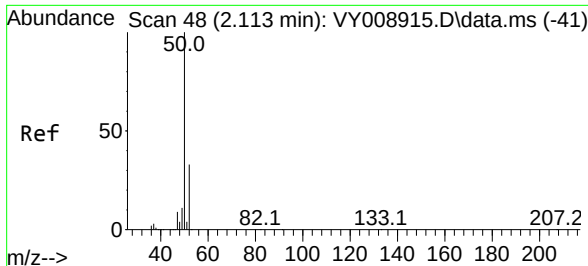
Tgt Ion:168 Resp: 120602
Ion Ratio Lower Upper
168 100
99 49.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 53.277 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 85 Resp: 58767
Ion Ratio Lower Upper
85 100
87 31.6 16.1 48.2

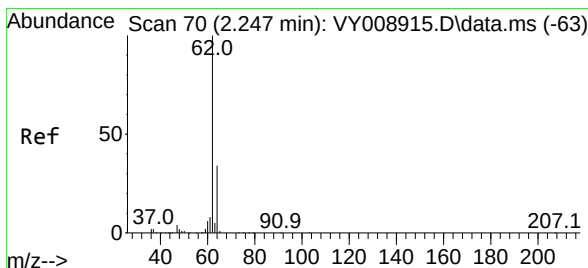
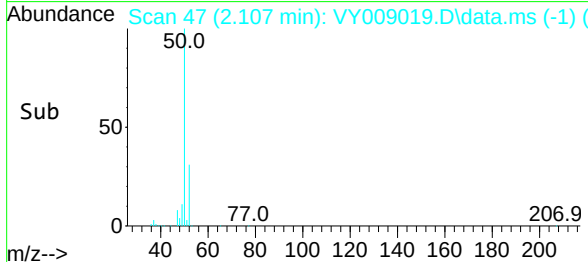
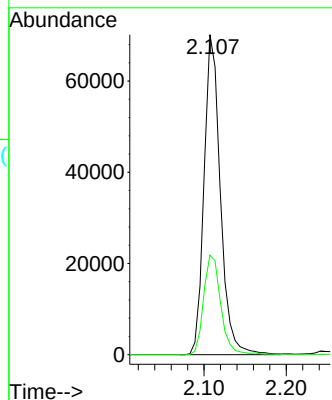
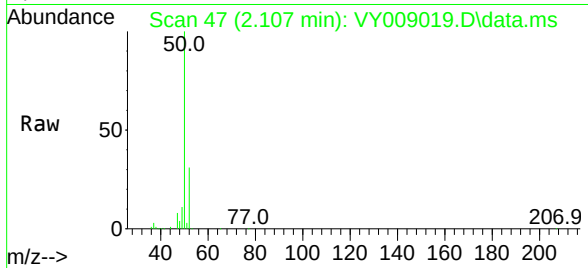




#3
Chloromethane
Concen: 61.189 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

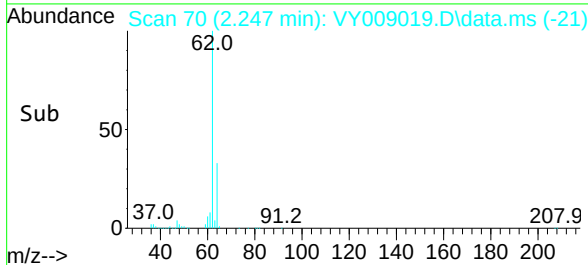
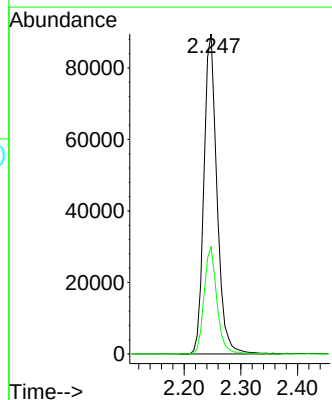
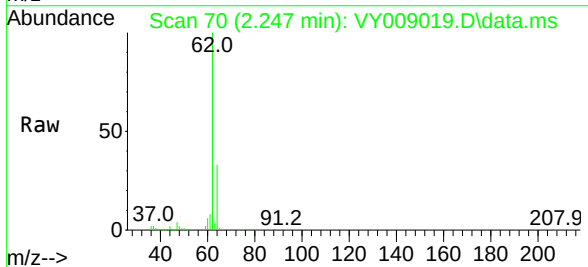
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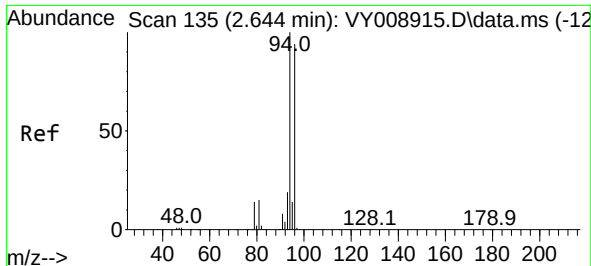
Tgt Ion: 50 Resp: 96694
Ion Ratio Lower Upper
50 100
52 31.1 24.6 37.0



#4
Vinyl Chloride
Concen: 61.034 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 62 Resp: 142893
Ion Ratio Lower Upper
62 100
64 33.4 25.0 37.6

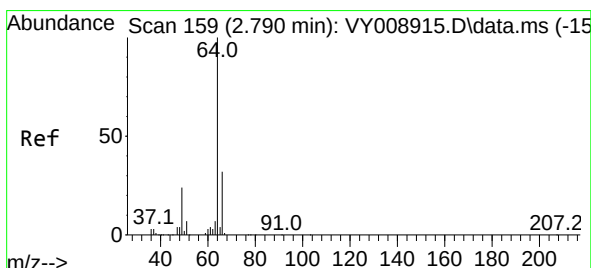
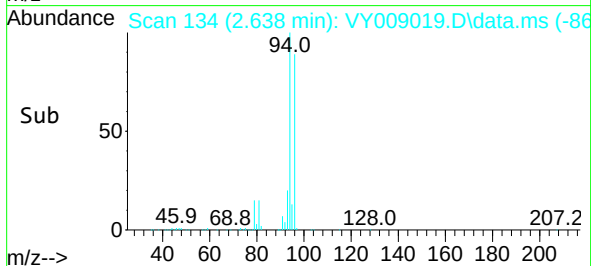
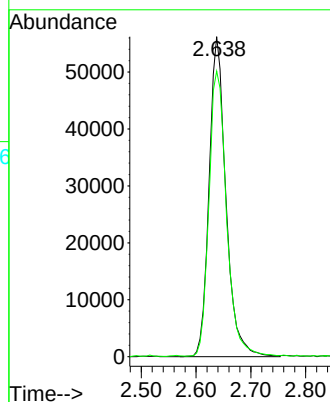
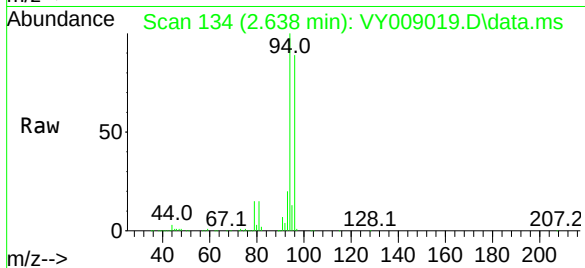




#5
Bromomethane
Concen: 52.060 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

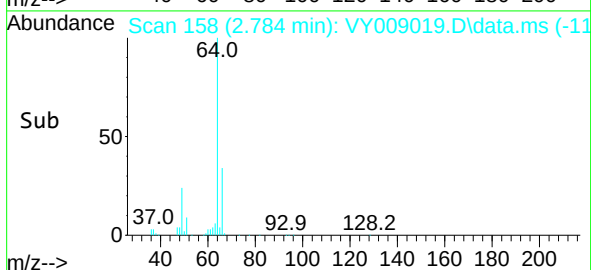
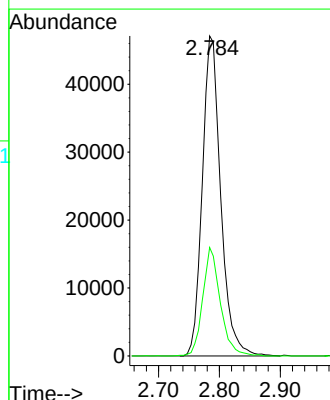
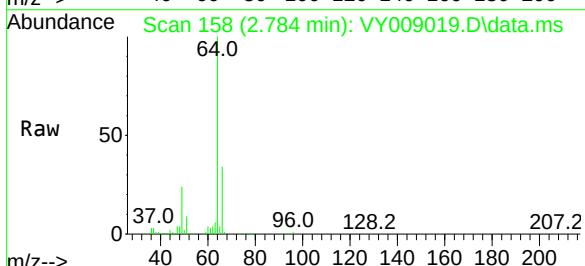
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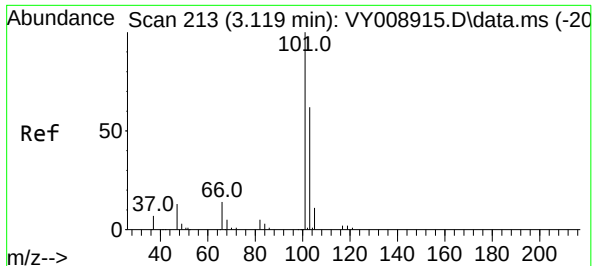
Tgt Ion: 94 Resp: 119474
Ion Ratio Lower Upper
94 100
96 89.0 73.5 110.3



#6
Chloroethane
Concen: 59.788 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 64 Resp: 99165
Ion Ratio Lower Upper
64 100
66 33.9 25.4 38.0

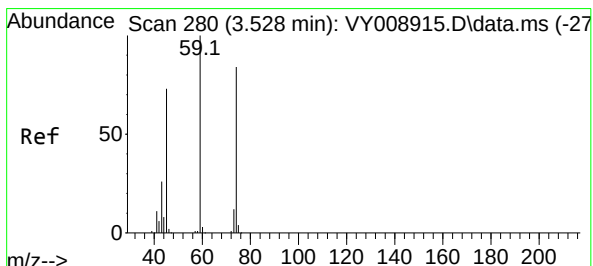
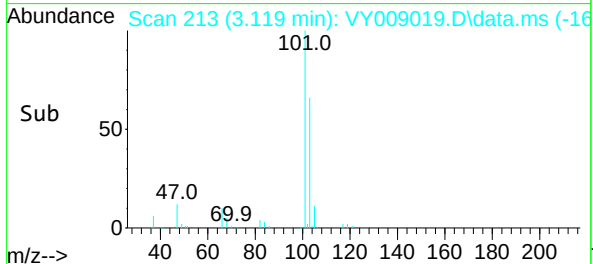
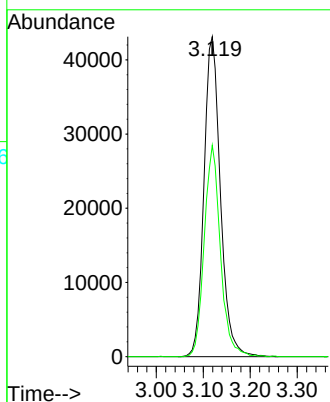
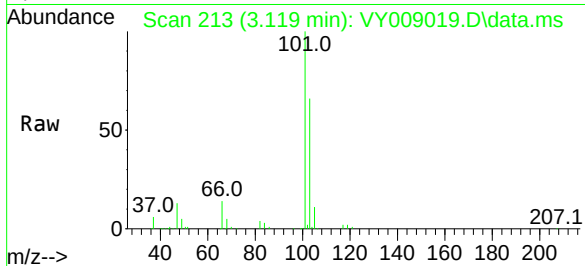




#7
Trichlorofluoromethane
Concen: 52.632 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

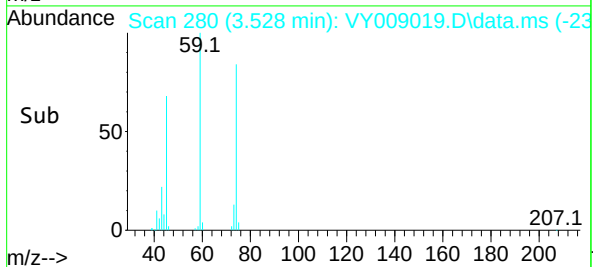
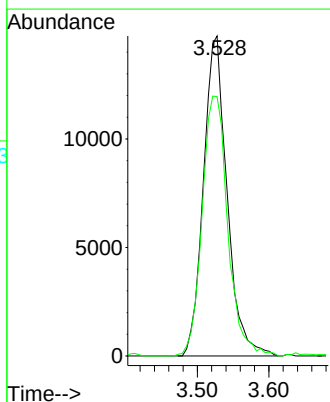
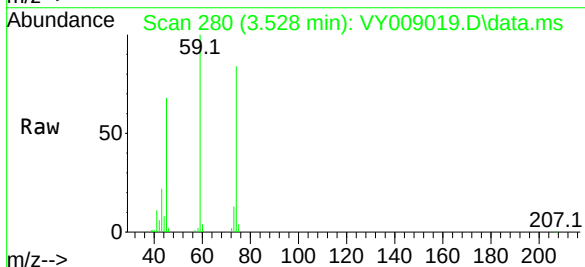
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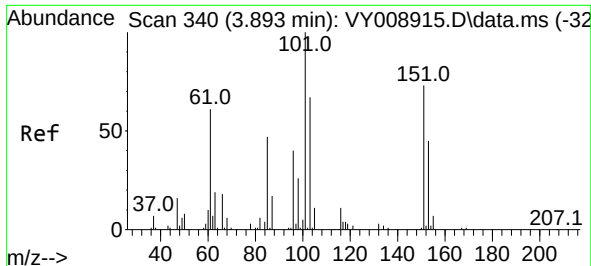
Tgt Ion:101 Resp: 104643
Ion Ratio Lower Upper
101 100
103 66.1 48.0 72.0



#8
Diethyl Ether
Concen: 54.455 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 74 Resp: 33854
Ion Ratio Lower Upper
74 100
45 88.3 55.1 165.5

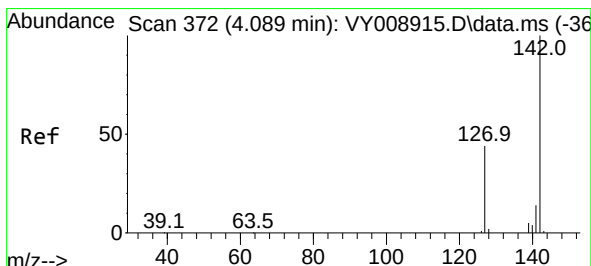
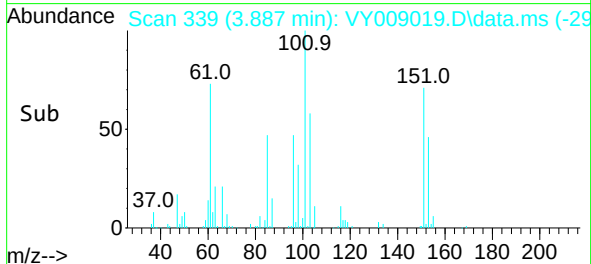
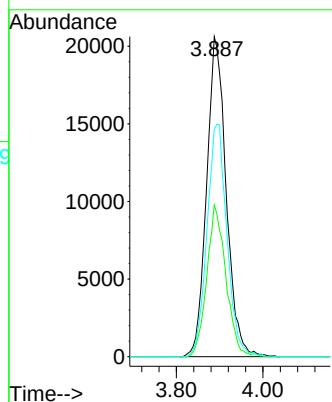
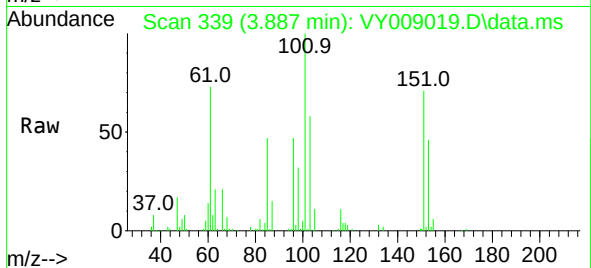




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.988 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

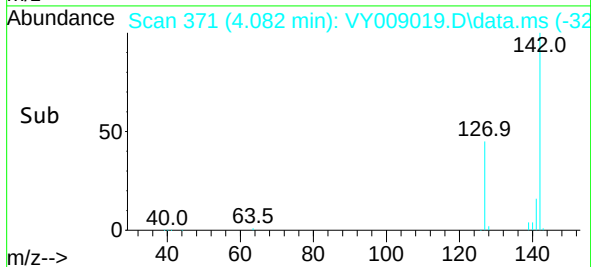
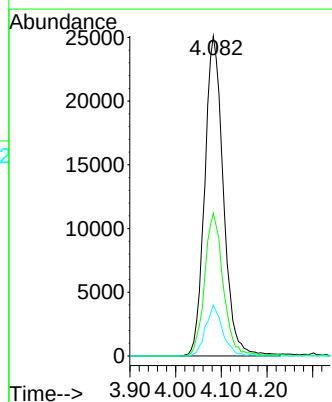
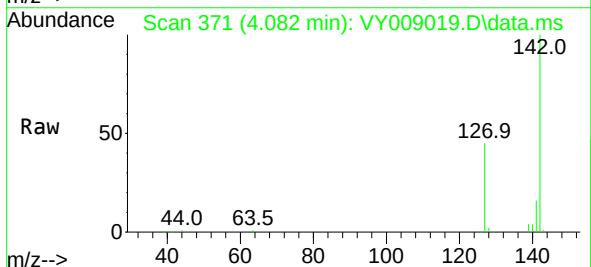
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

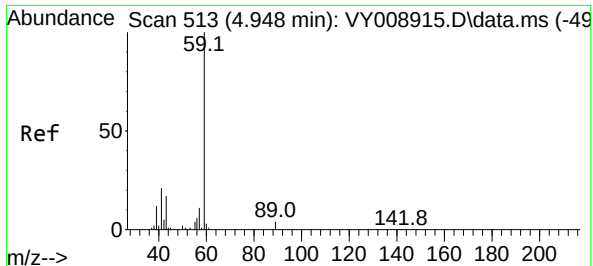
Tgt Ion:101 Resp: 64749
Ion Ratio Lower Upper
101 100
85 46.0 40.6 60.8
151 74.2 64.9 97.3



#10
Methyl Iodide
Concen: 56.481 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.007 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion:142 Resp: 71267
Ion Ratio Lower Upper
142 100
127 44.4 41.5 62.3
141 14.5 11.9 17.9

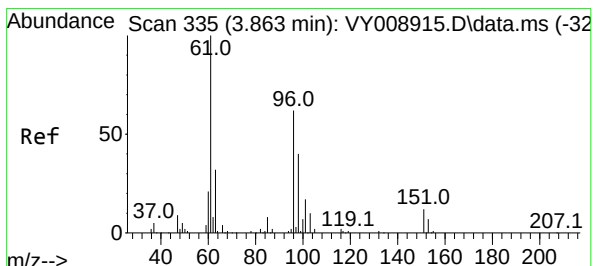
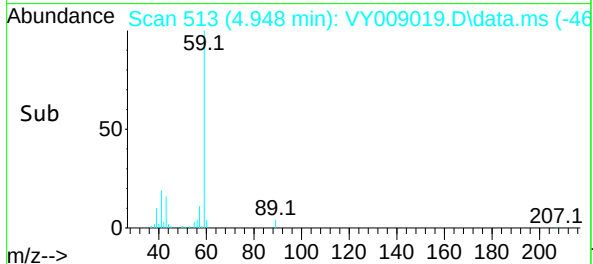
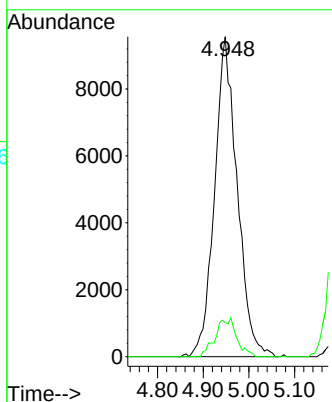
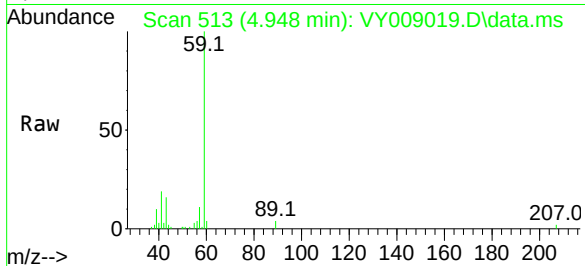




#11
Tert butyl alcohol
Concen: 261.271 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

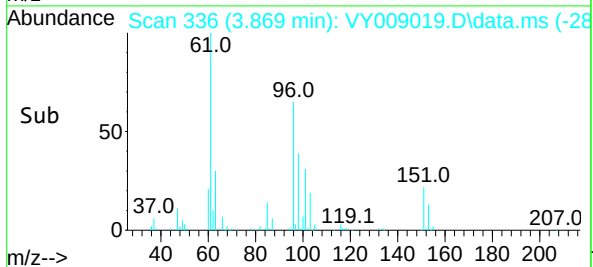
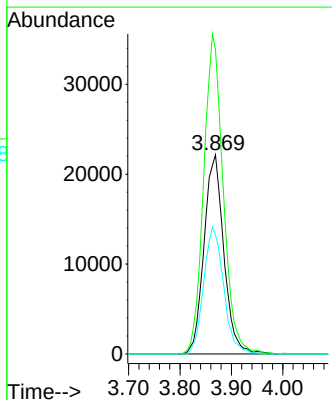
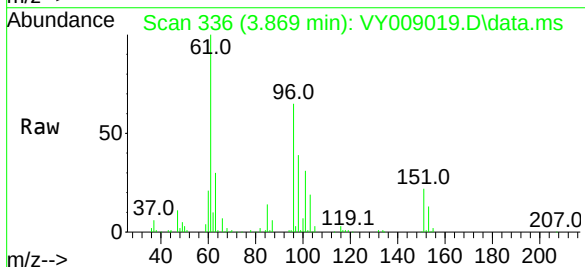
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

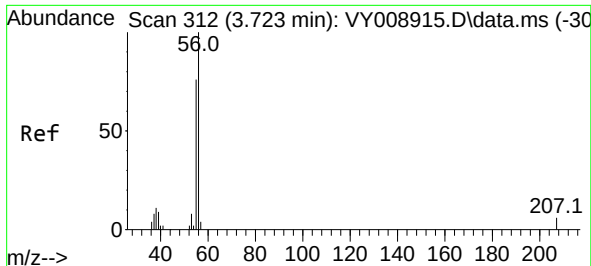
Tgt Ion: 59 Resp: 32894
Ion Ratio Lower Upper
59 100
57 11.3 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 52.232 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 96 Resp: 59250
Ion Ratio Lower Upper
96 100
61 152.9 145.8 218.6
98 59.9 52.5 78.7

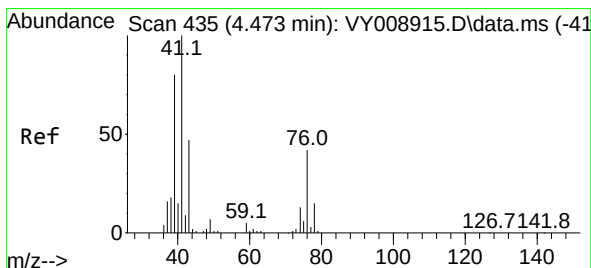
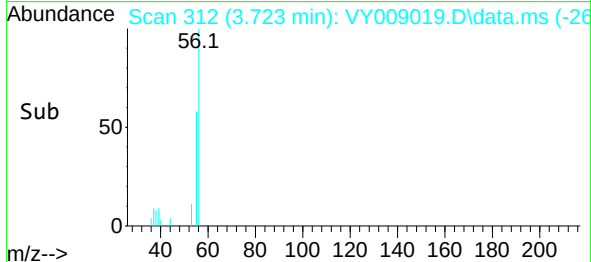
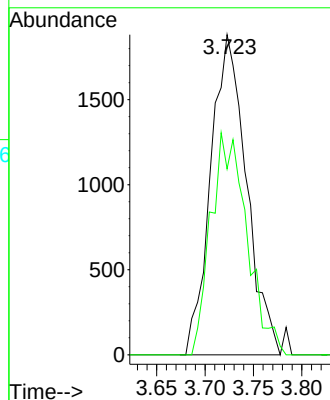
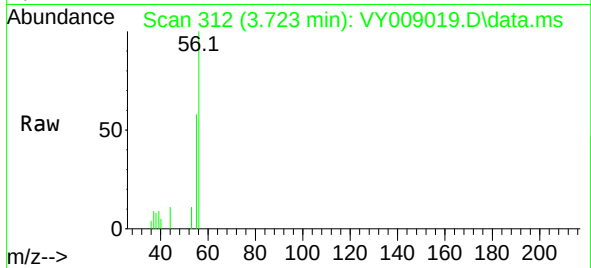




#13
Acrolein
Concen: 116.310 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

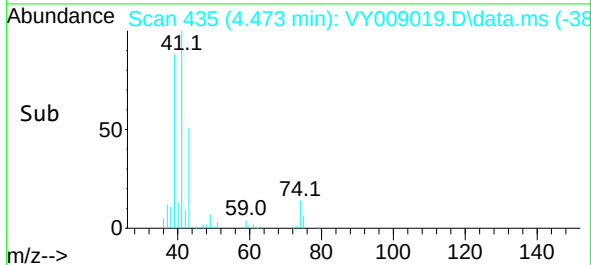
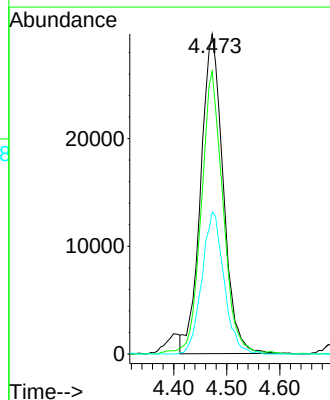
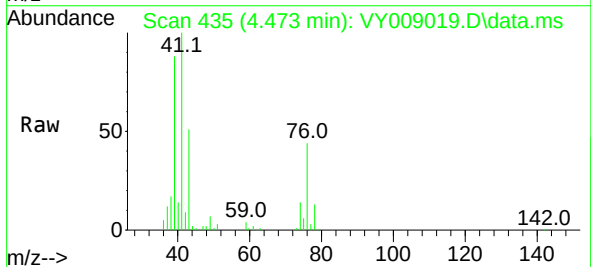
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

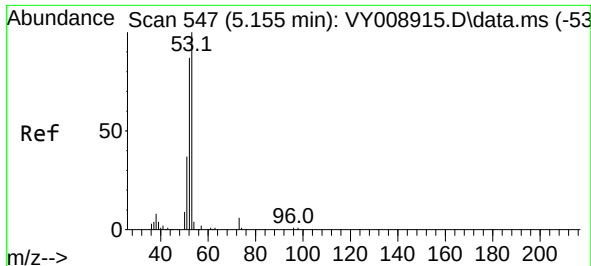
Tgt Ion: 56 Resp: 4820
Ion Ratio Lower Upper
56 100
55 70.2 57.6 86.4



#14
Allyl chloride
Concen: 51.070 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 41 Resp: 87304
Ion Ratio Lower Upper
41 100
39 85.6 58.8 88.2
76 43.7 25.1 37.7#

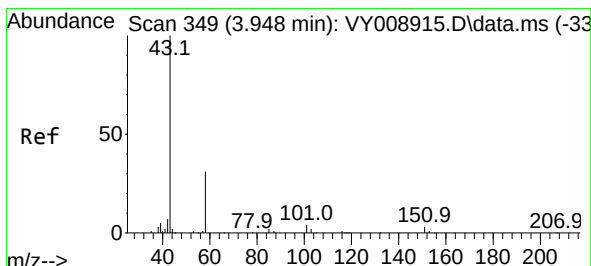
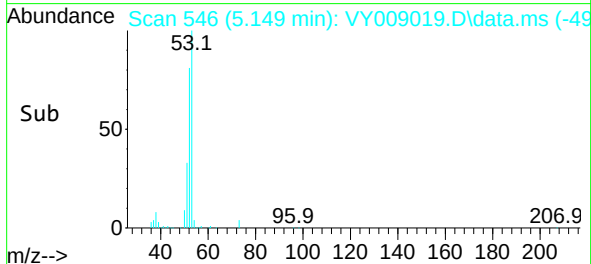
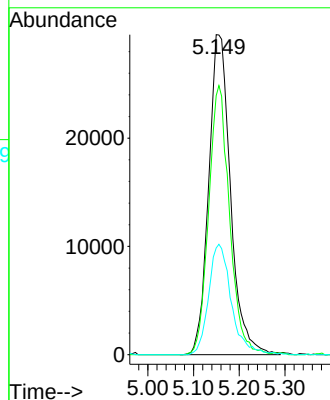
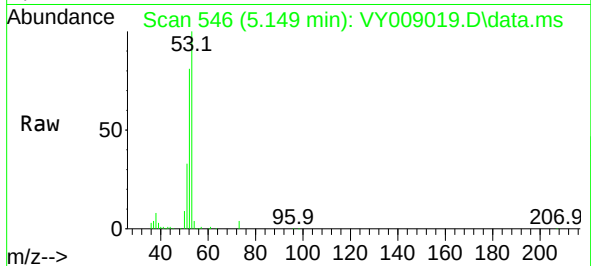




#15
Acrylonitrile
Concen: 282.004 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

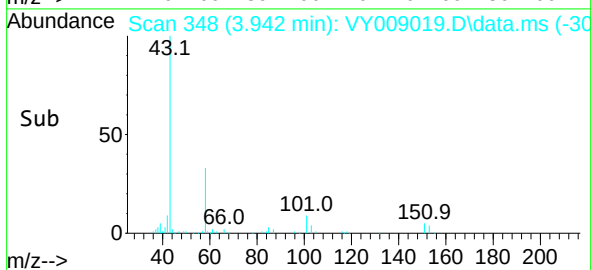
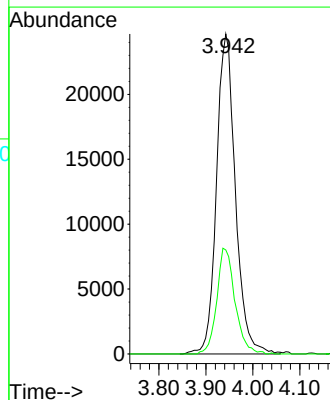
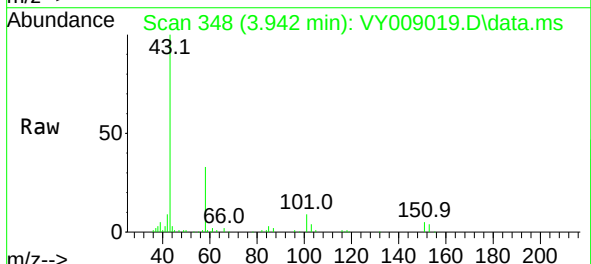
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

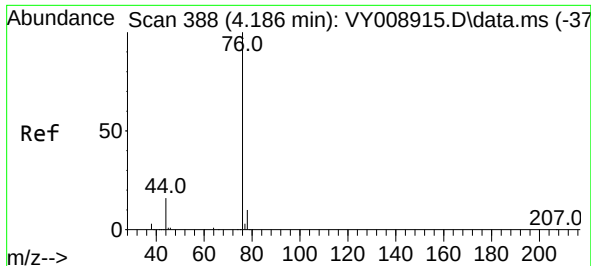
Tgt Ion: 53 Resp: 98162
Ion Ratio Lower Upper
53 100
52 80.3 67.0 100.4
51 36.0 29.8 44.6



#16
Acetone
Concen: 266.937 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 43 Resp: 68968
Ion Ratio Lower Upper
43 100
58 32.5 22.0 33.0

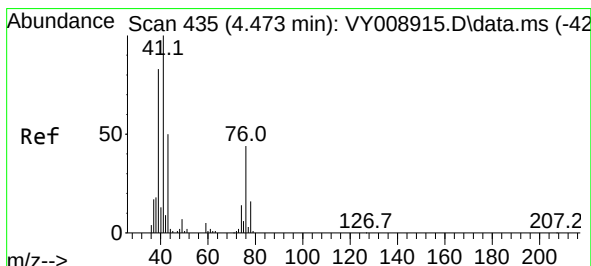
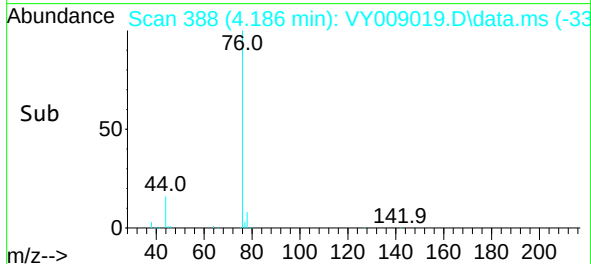
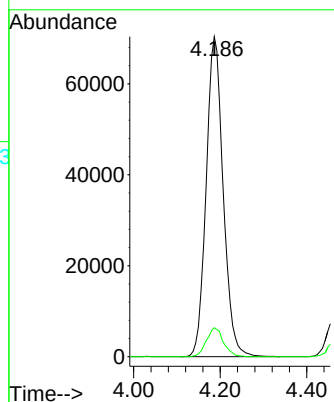
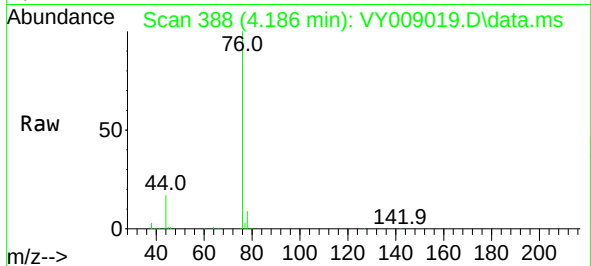




#17
Carbon Disulfide
Concen: 51.772 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

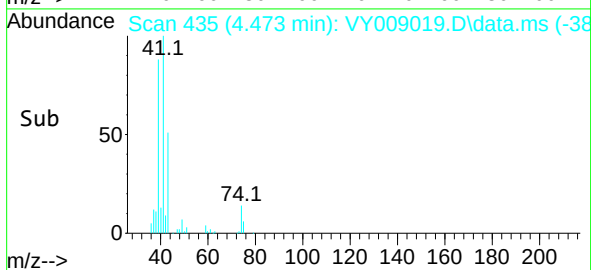
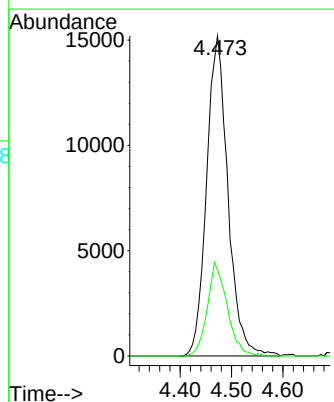
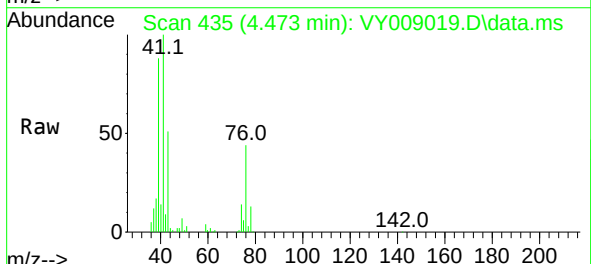
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

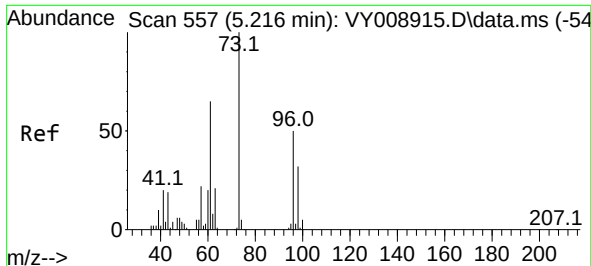
Tgt Ion: 76 Resp: 191863
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 54.497 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 43 Resp: 43846
Ion Ratio Lower Upper
43 100
74 27.2 16.6 24.8#

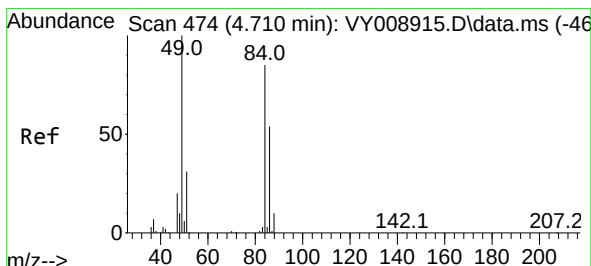
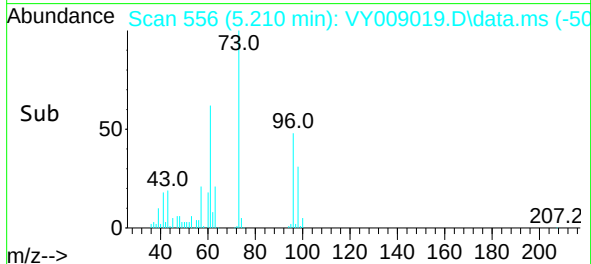
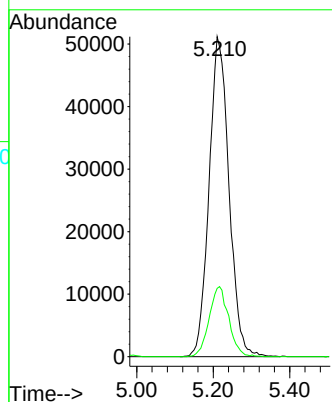
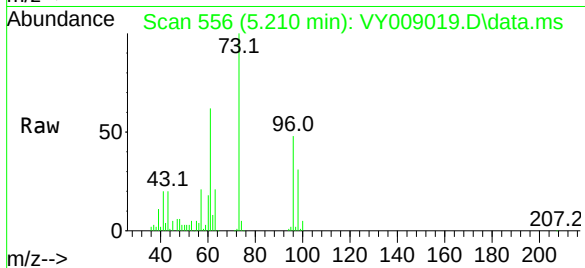




#19
Methyl tert-butyl Ether
Concen: 54.272 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

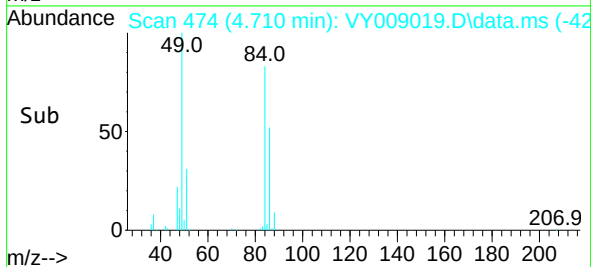
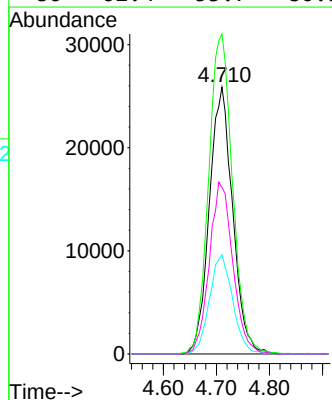
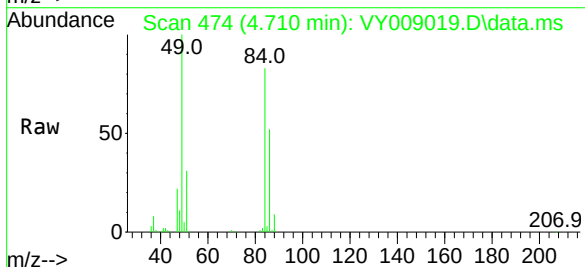
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

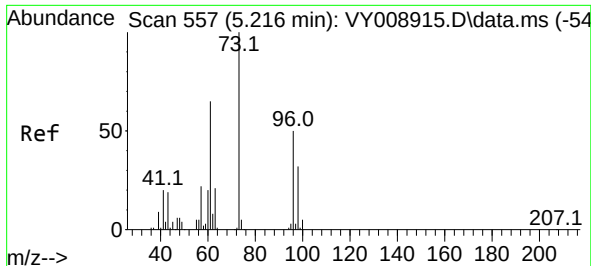
Tgt Ion: 73 Resp: 184784
Ion Ratio Lower Upper
73 100
57 21.4 18.6 27.8



#20
Methylene Chloride
Concen: 55.728 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

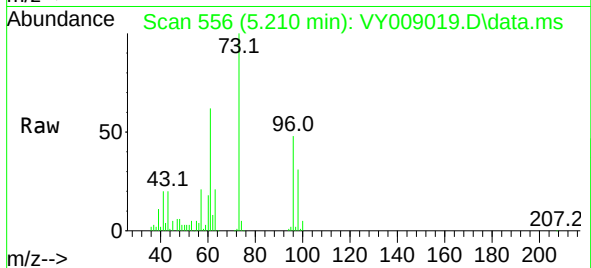
Tgt Ion: 84 Resp: 79104
Ion Ratio Lower Upper
84 100
49 119.8 114.4 171.6
51 37.2 35.3 52.9
86 62.4 53.7 80.5



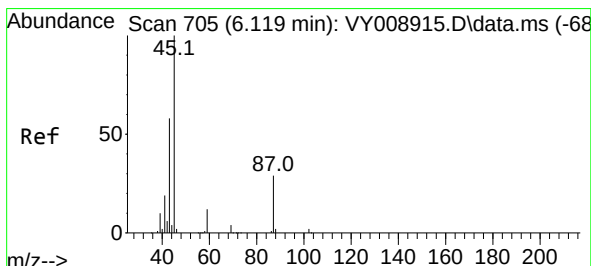
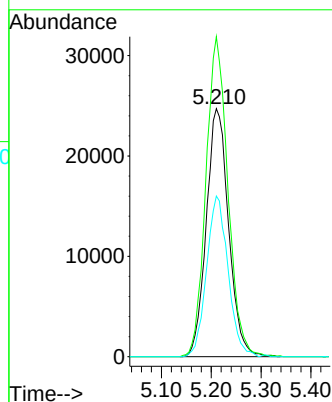
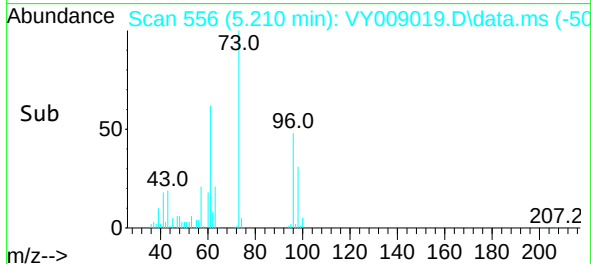


#21
trans-1,2-Dichloroethene
Concen: 52.761 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

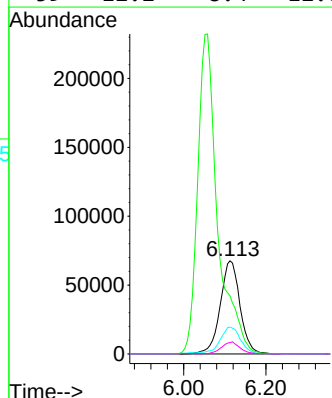
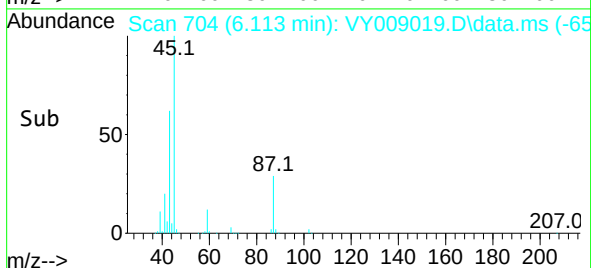
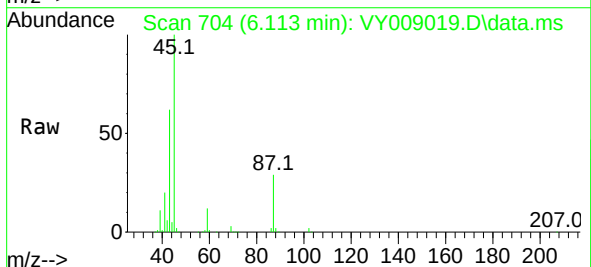


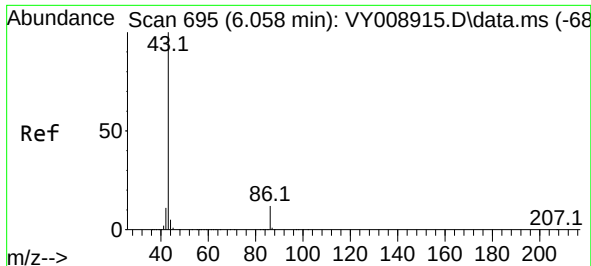
Tgt Ion: 96 Resp: 76819
Ion Ratio Lower Upper
96 100
61 129.0 120.5 180.7
98 64.8 49.8 74.8



#22
Diisopropyl ether
Concen: 55.077 ug/l
RT: 6.113 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 45 Resp: 226200
Ion Ratio Lower Upper
45 100
43 62.1 49.3 73.9
87 28.9 19.2 28.8#
59 12.2 8.4 12.6

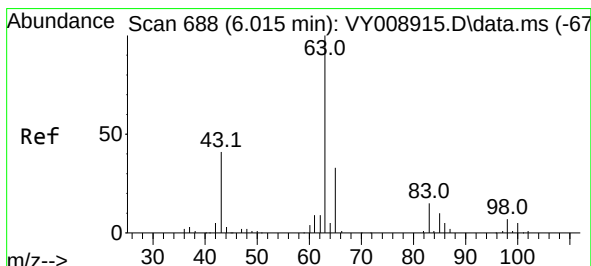
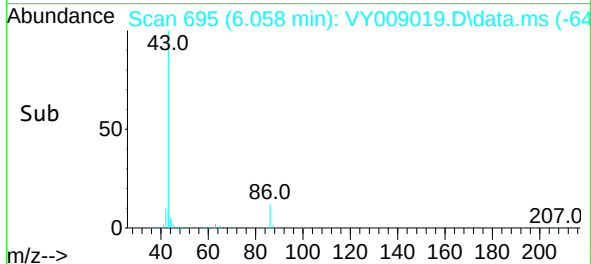
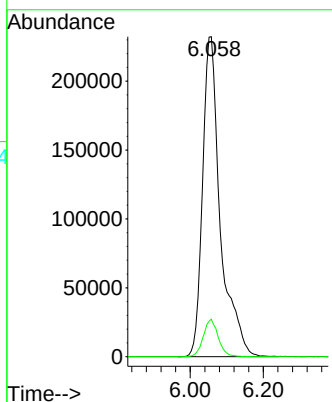
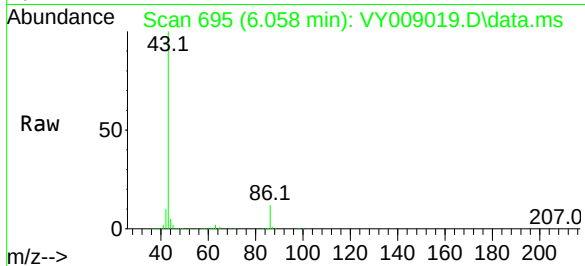




#23
 Vinyl Acetate
 Concen: 287.913 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY009019.D
 Acq: 23 May 2022 20:10

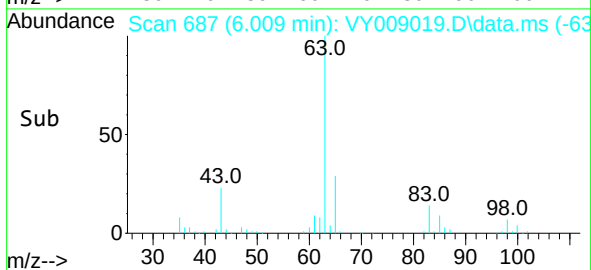
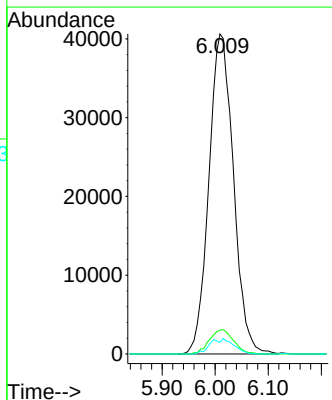
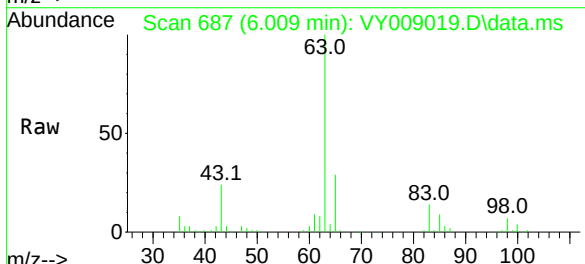
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

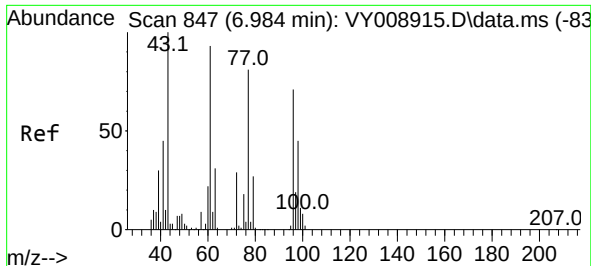
Tgt Ion: 43 Resp: 782178
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 53.166 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY009019.D
 Acq: 23 May 2022 20:10

Tgt Ion: 63 Resp: 130601
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 3.6 2.0 5.8

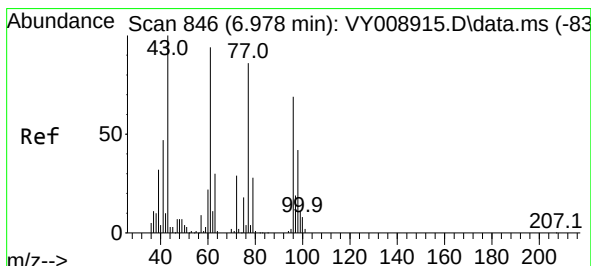
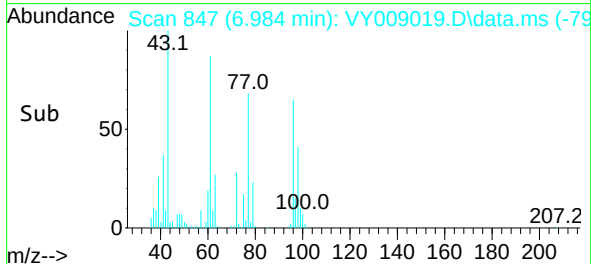
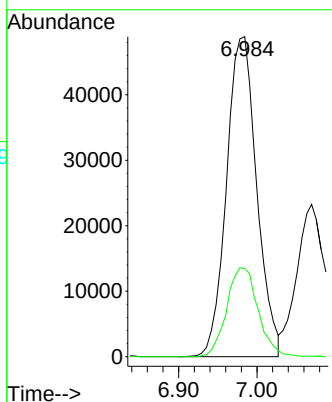
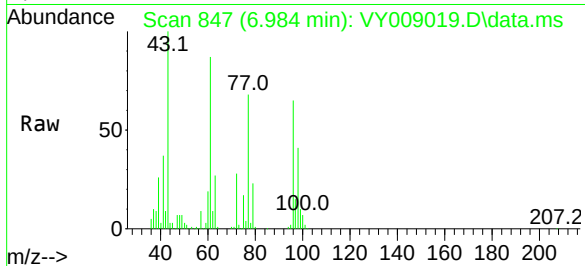




#25
2-Butanone
Concen: 284.006 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

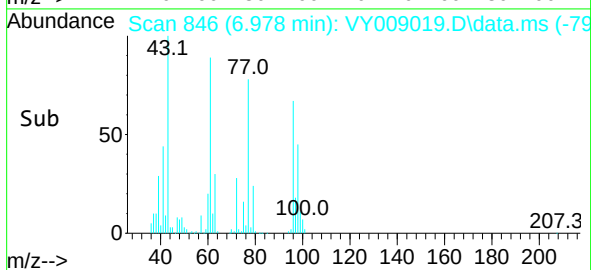
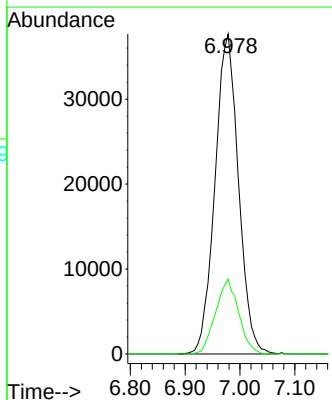
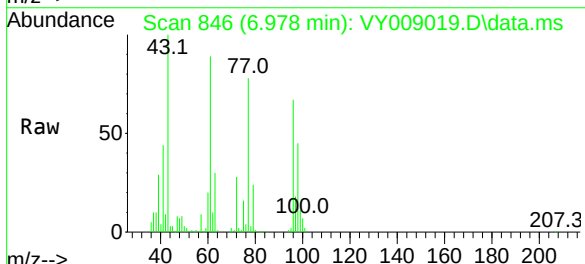
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

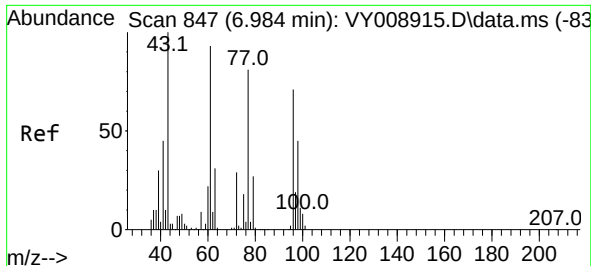
Tgt Ion: 43 Resp: 131061
Ion Ratio Lower Upper
43 100
72 27.5 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 49.566 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 77 Resp: 112160
Ion Ratio Lower Upper
77 100
97 22.9 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 53.195 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

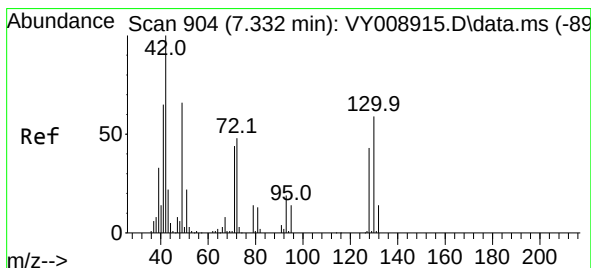
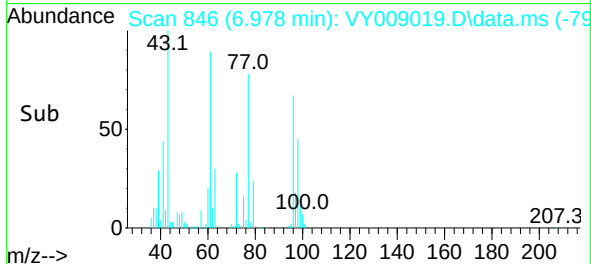
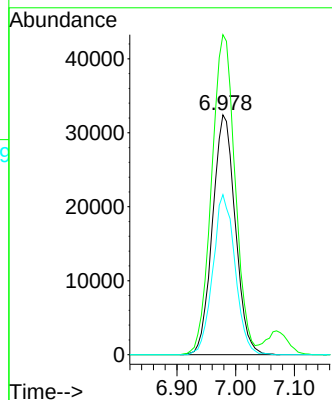
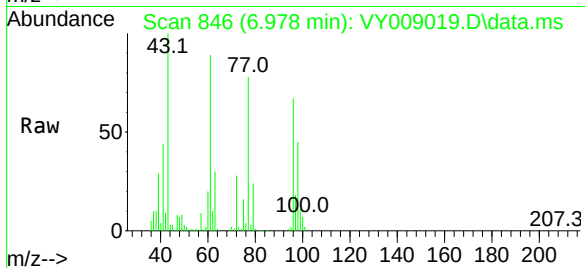
Tgt Ion: 96 Resp: 87309

Ion Ratio Lower Upper

96 100

61 137.4 0.0 319.8

98 65.1 0.0 127.0



#28

Bromochloromethane

Concen: 54.194 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

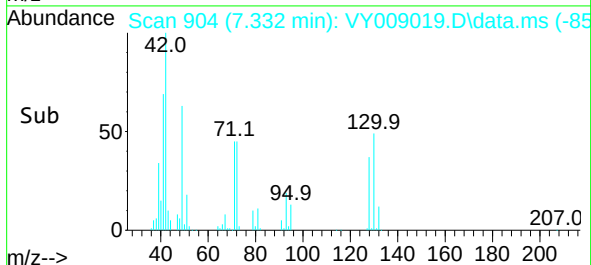
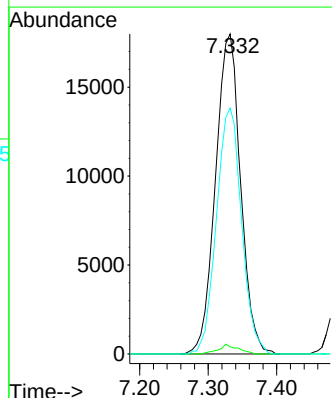
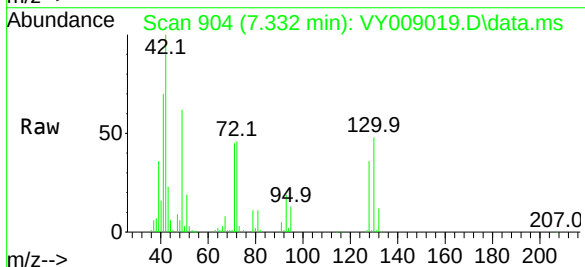
Tgt Ion: 49 Resp: 45694

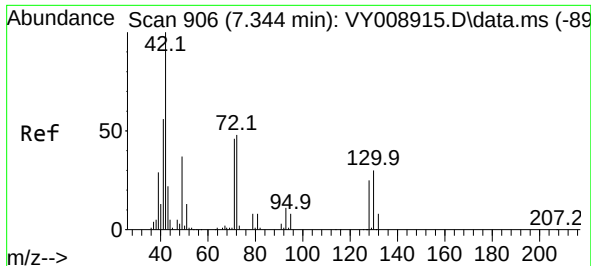
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.2#

130 76.9 55.4 83.0





#29

Tetrahydrofuran

Concen: 286.752 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

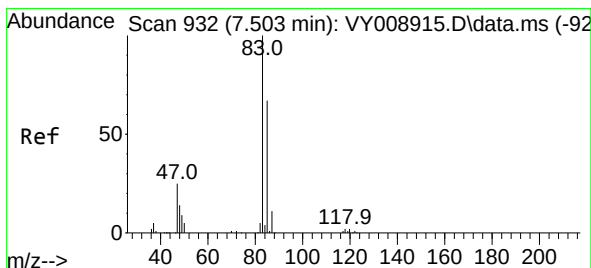
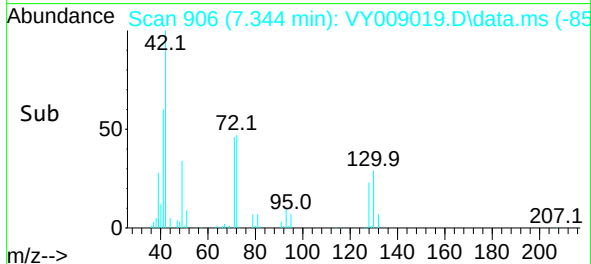
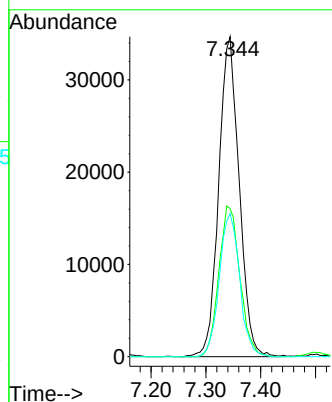
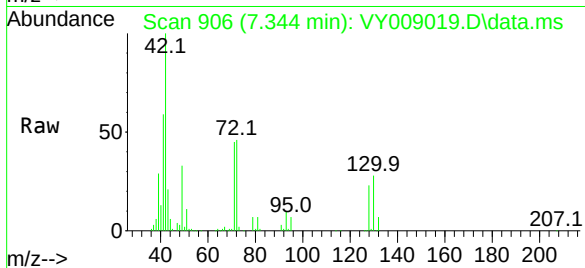
Tgt Ion: 42 Resp: 89888

Ion Ratio Lower Upper

42 100

72 48.5 30.3 45.5#

71 44.6 29.0 43.4#



#30

Chloroform

Concen: 52.698 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY009019.D

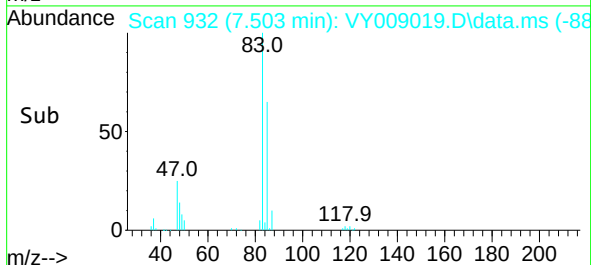
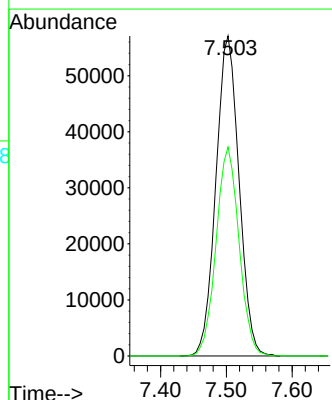
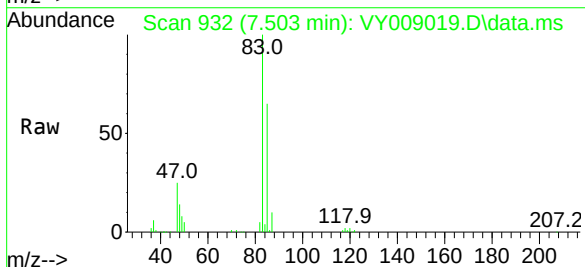
Acq: 23 May 2022 20:10

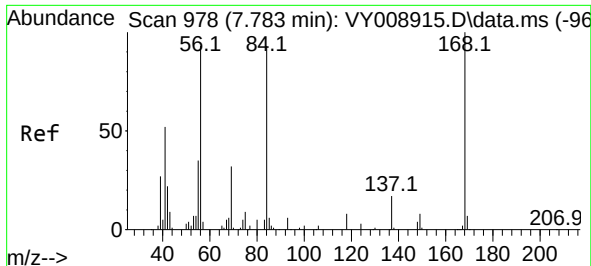
Tgt Ion: 83 Resp: 139736

Ion Ratio Lower Upper

83 100

85 65.3 51.8 77.6

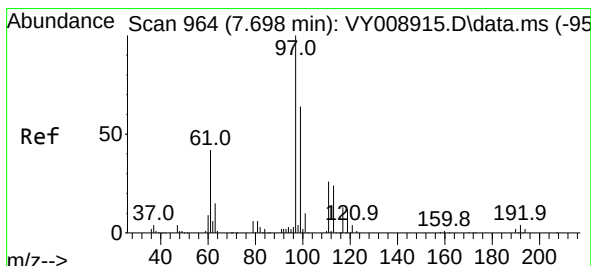
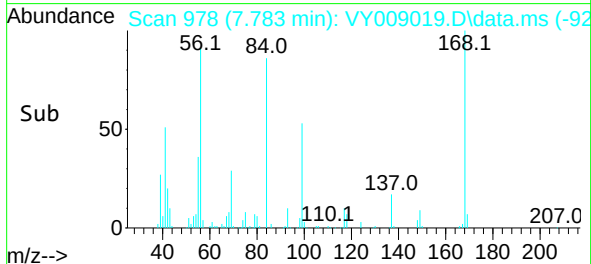
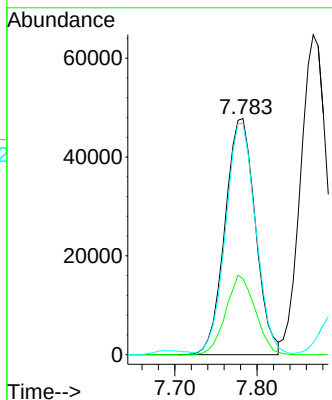
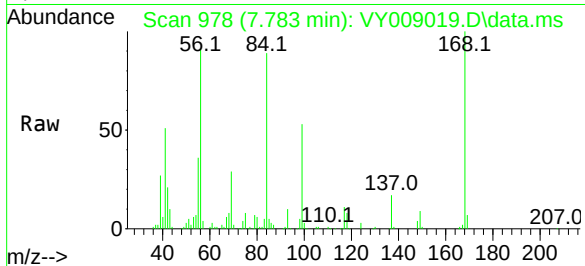




#31
Cyclohexane
Concen: 50.551 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

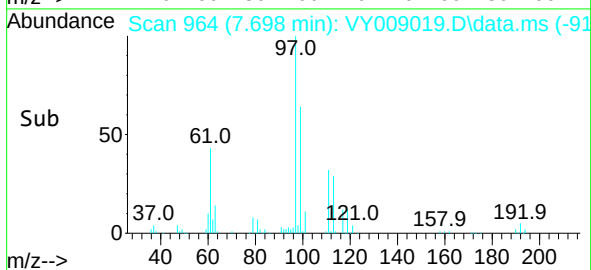
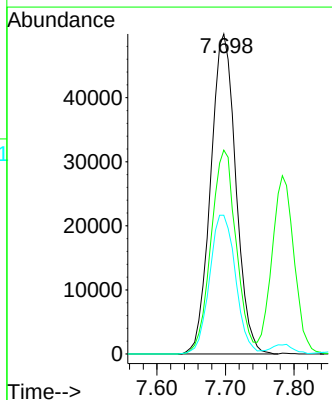
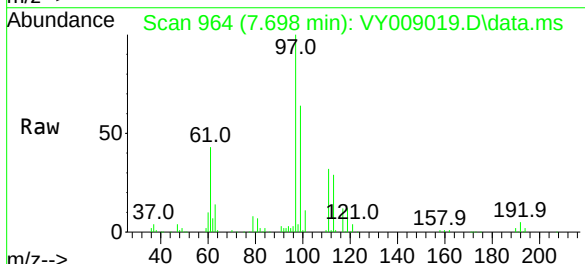
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

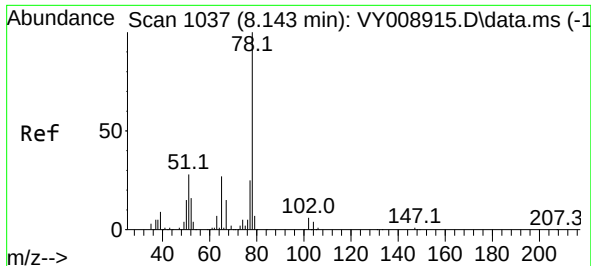
Tgt Ion: 56 Resp: 122748
Ion Ratio Lower Upper
56 100
69 32.1 26.7 40.1
84 96.4 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 52.903 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 97 Resp: 127268
Ion Ratio Lower Upper
97 100
99 64.1 50.7 76.1
61 44.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 42.429 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

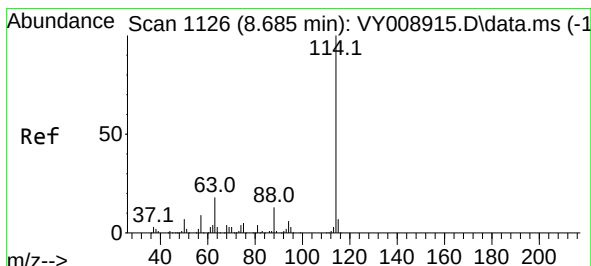
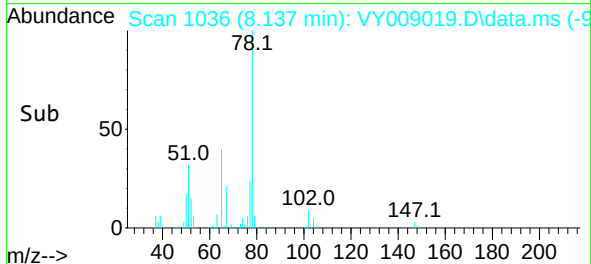
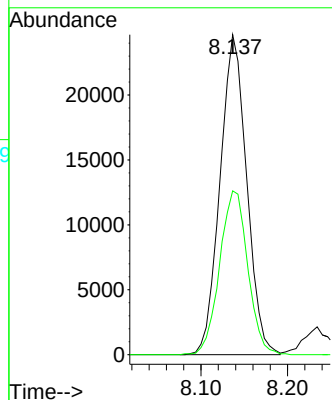
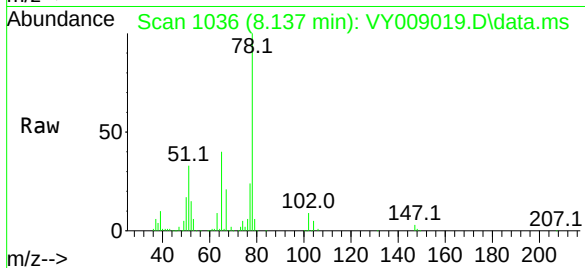
VSTDCCC050EC

Tgt Ion: 65 Resp: 52663

Ion Ratio Lower Upper

65 100

67 54.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

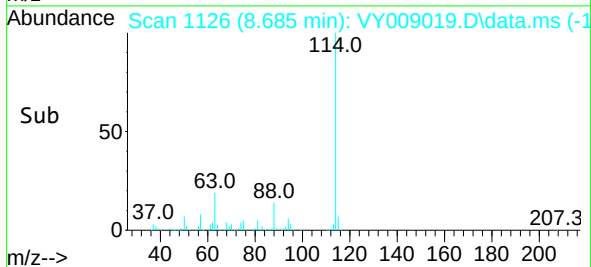
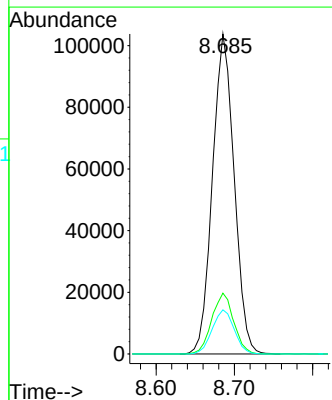
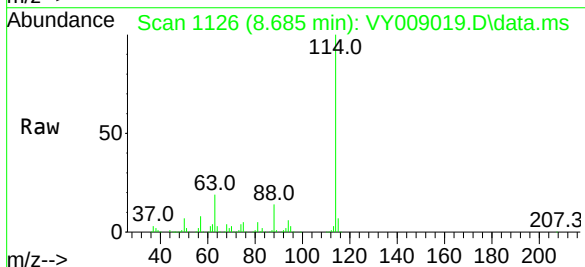
Tgt Ion: 114 Resp: 199505

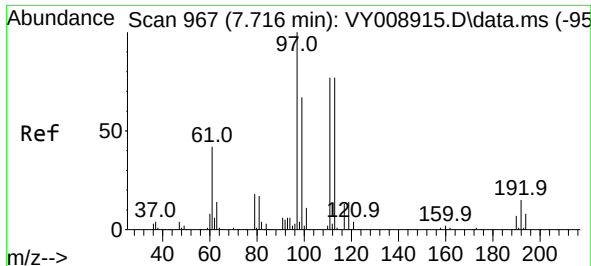
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 13.8 0.0 31.8

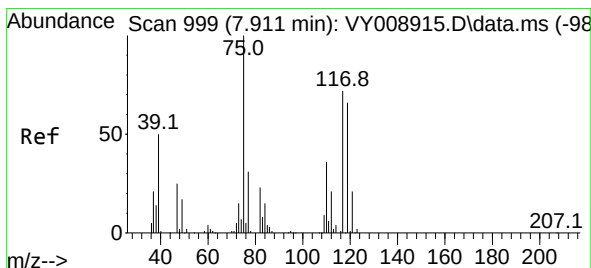
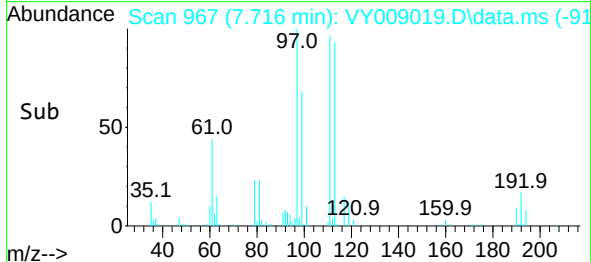
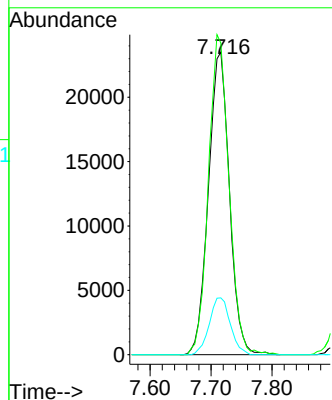
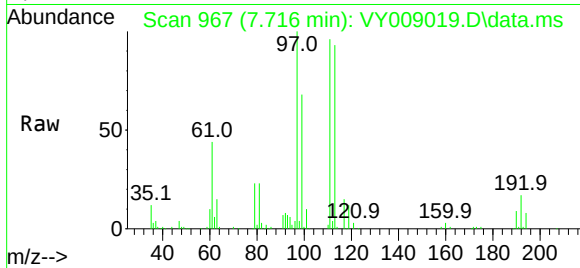




#35
Dibromofluoromethane
Concen: 45.438 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

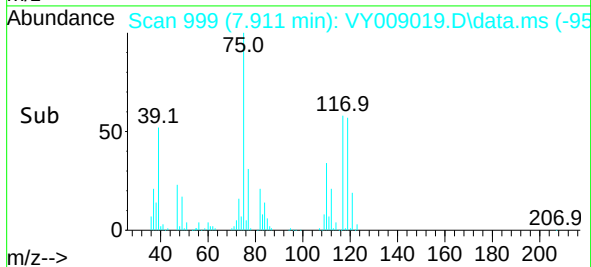
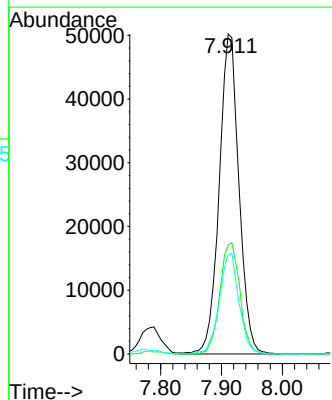
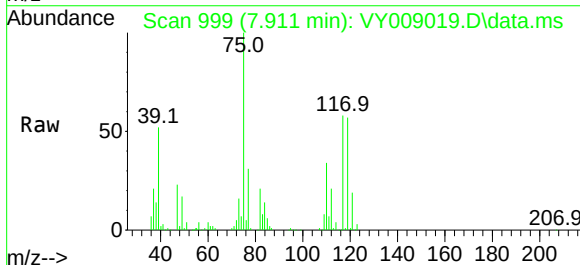
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

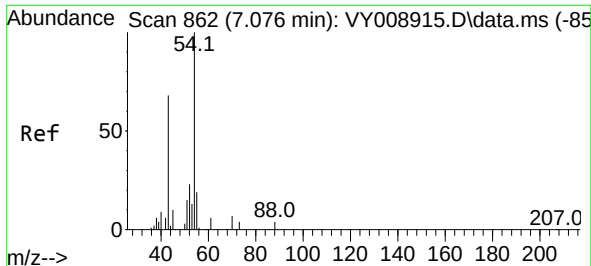
Tgt Ion:113 Resp: 56370
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 53.519 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 75 Resp: 112993
Ion Ratio Lower Upper
75 100
110 35.4 17.1 51.2
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 55.520 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

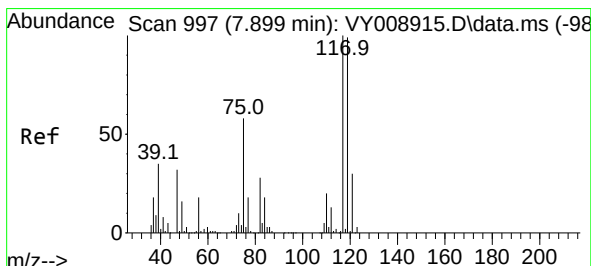
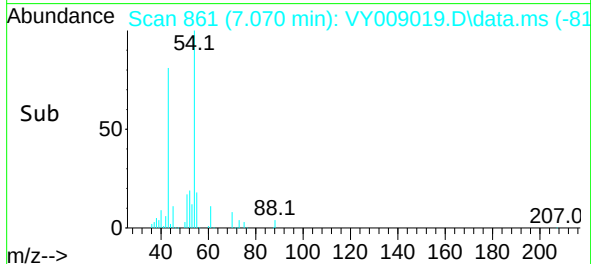
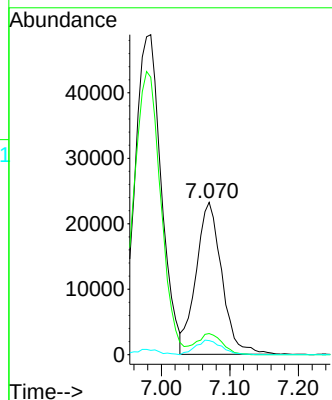
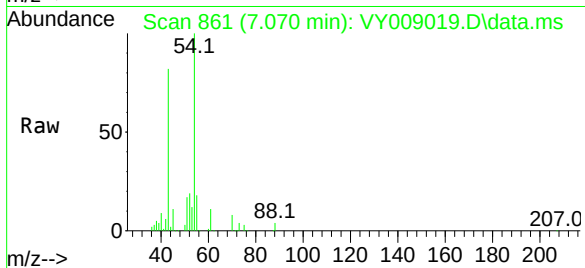
Tgt Ion: 43 Resp: 60804

Ion Ratio Lower Upper

43 100

61 13.5 9.7 14.5

70 9.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 52.844 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

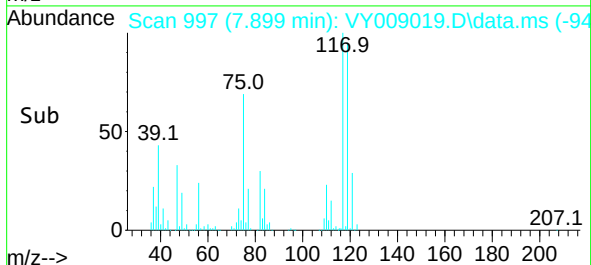
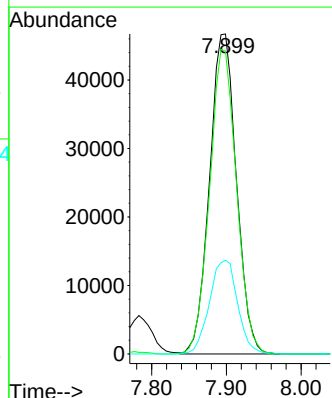
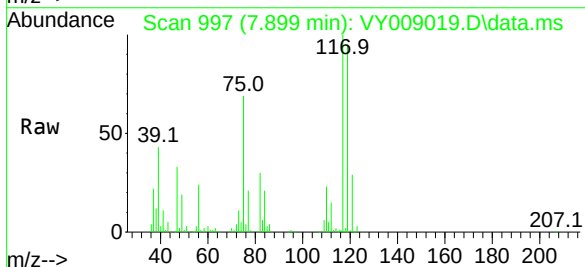
Tgt Ion: 117 Resp: 116711

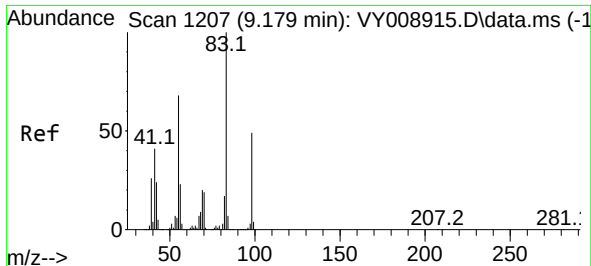
Ion Ratio Lower Upper

117 100

119 94.7 77.9 116.9

121 29.3 24.8 37.2





#39

Methylcyclohexane

Concen: 53.745 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

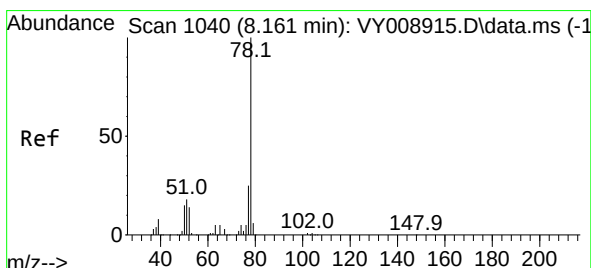
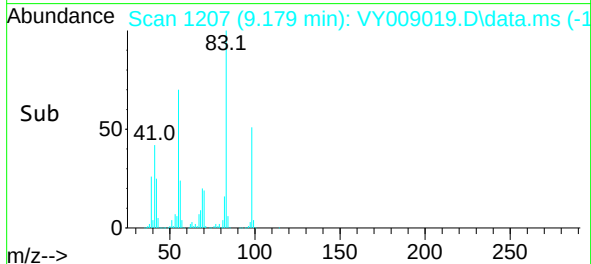
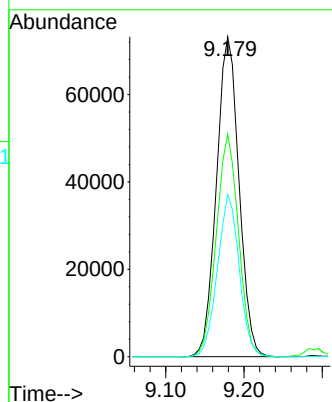
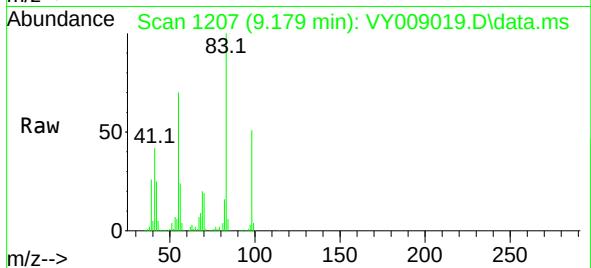
Tgt Ion: 83 Resp: 146465

Ion Ratio Lower Upper

83 100

55 69.6 66.5 99.7

98 50.7 37.9 56.9



#40

Benzene

Concen: 53.943 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY009019.D

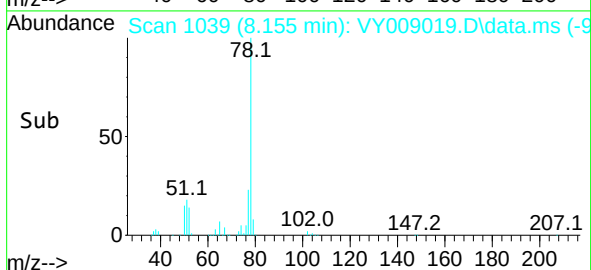
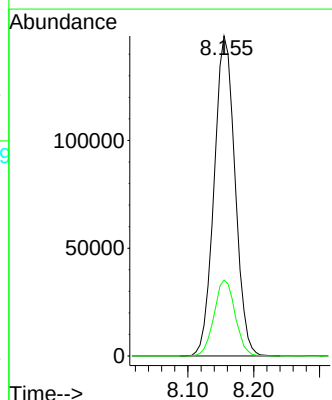
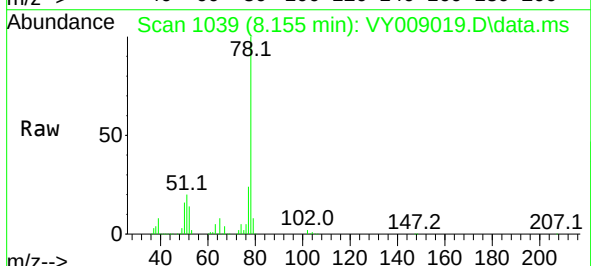
Acq: 23 May 2022 20:10

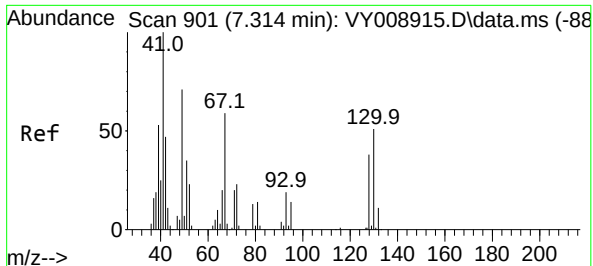
Tgt Ion: 78 Resp: 328411

Ion Ratio Lower Upper

78 100

77 23.7 20.4 30.6

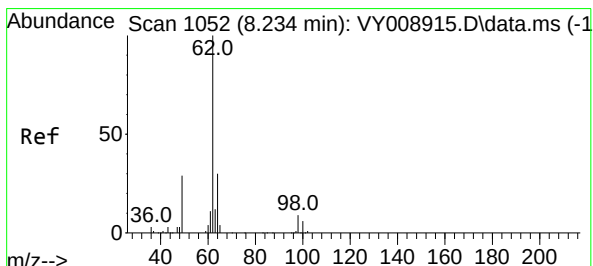
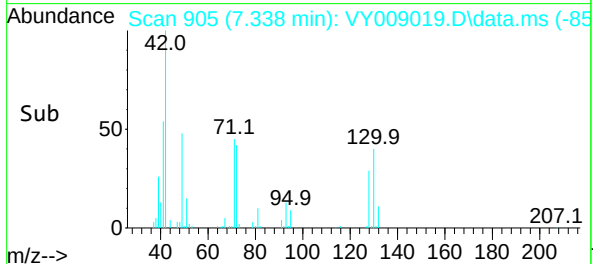
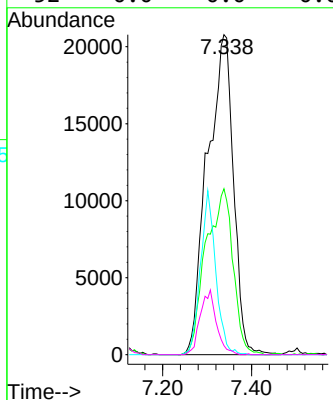
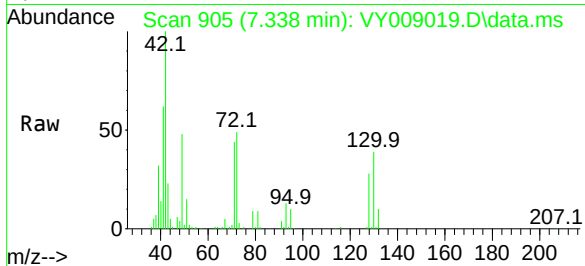




#41
Methacrylonitrile
Concen: 149.642 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.024 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

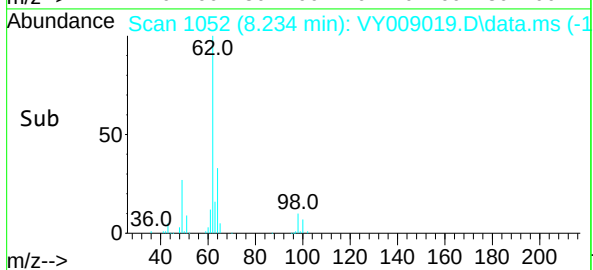
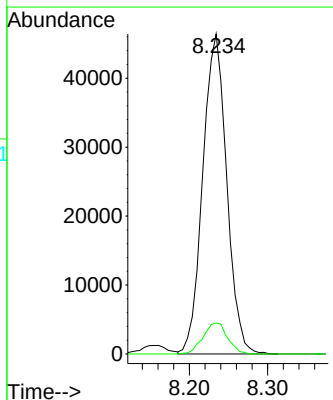
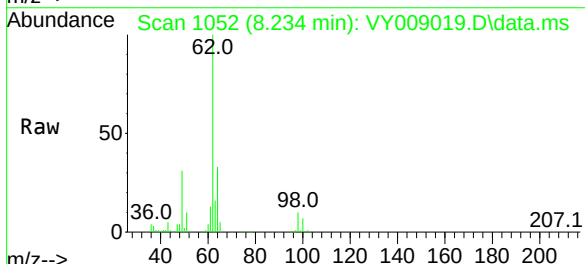
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

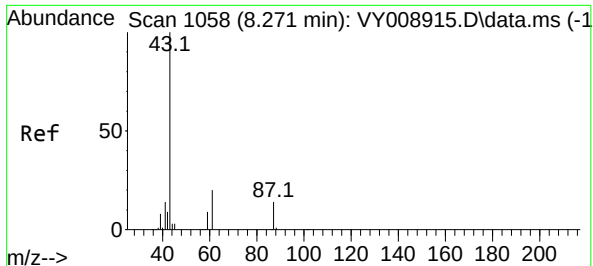
Tgt Ion: 41 Resp: 84569
Ion Ratio Lower Upper
41 100
39 53.7 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 55.147 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 62 Resp: 98587
Ion Ratio Lower Upper
62 100
98 9.9 0.0 14.8

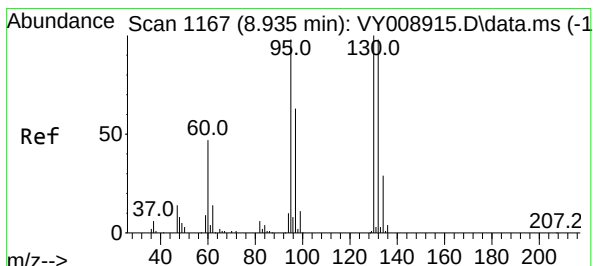
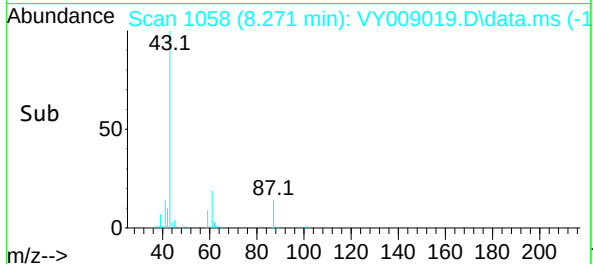
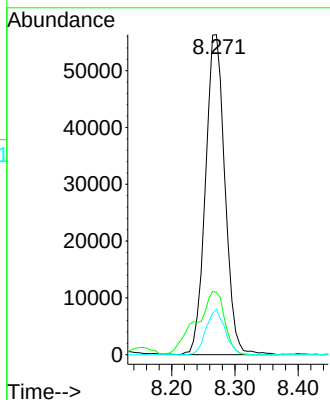
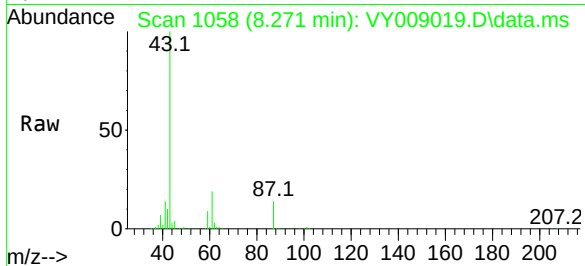




#43
Isopropyl Acetate
Concen: 59.123 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

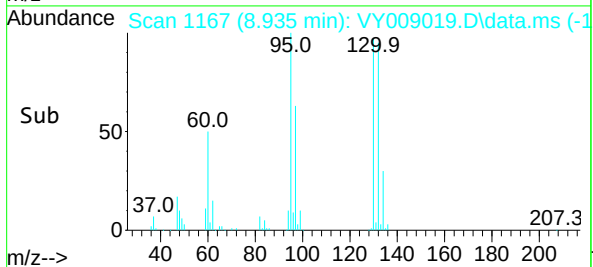
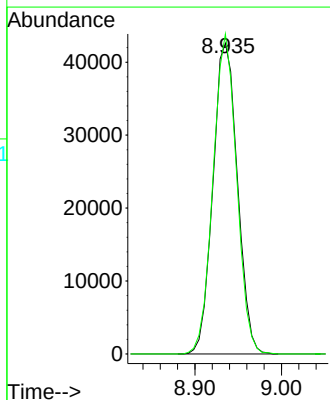
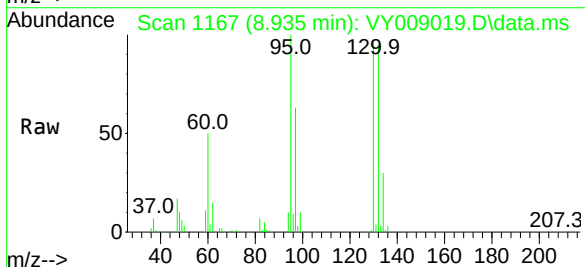
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

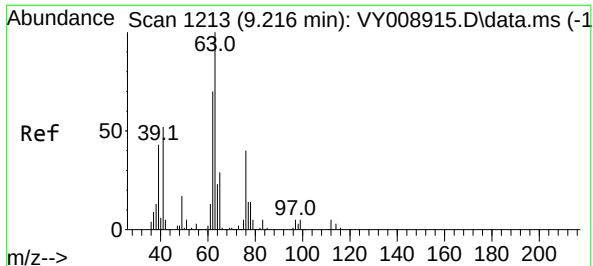
Tgt Ion: 43 Resp: 120397
Ion Ratio Lower Upper
43 100
61 28.9 20.2 30.2
87 13.7 8.9 13.3#



#44
Trichloroethene
Concen: 51.847 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion:130 Resp: 83578
Ion Ratio Lower Upper
130 100
95 103.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 54.905 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

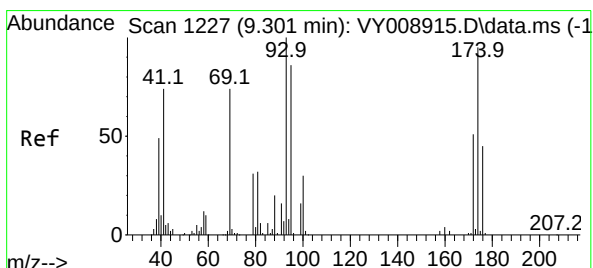
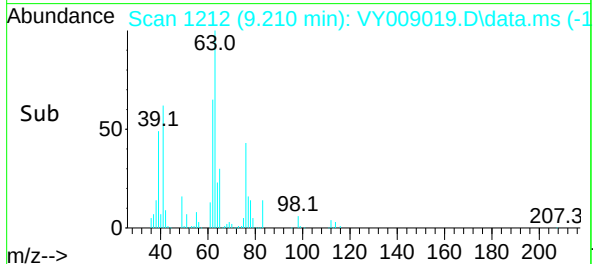
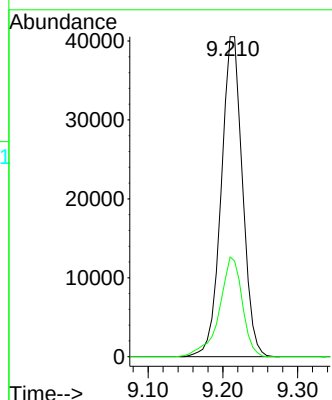
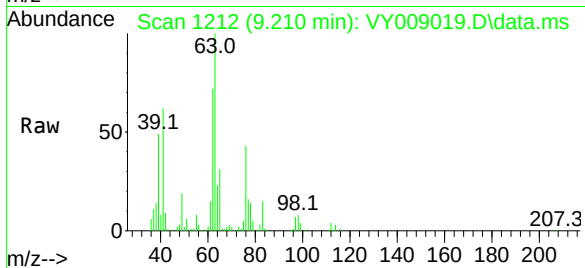
VSTDCCC050EC

Tgt Ion: 63 Resp: 80263

Ion Ratio Lower Upper

63 100

65 31.2 23.0 34.6



#46

Dibromomethane

Concen: 55.096 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

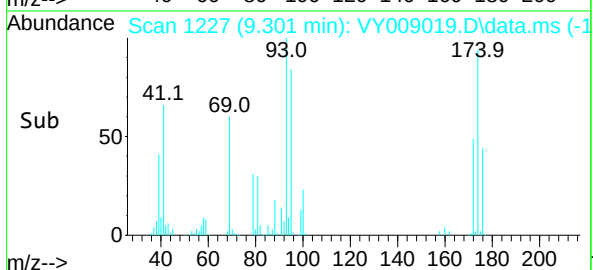
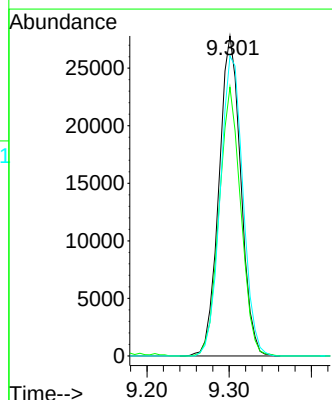
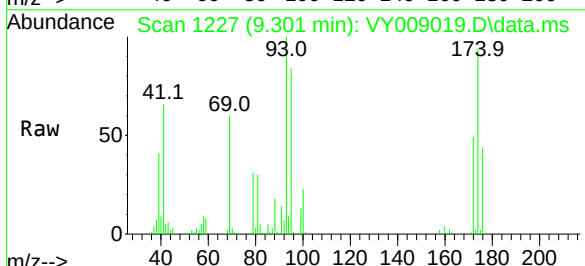
Tgt Ion: 93 Resp: 51213

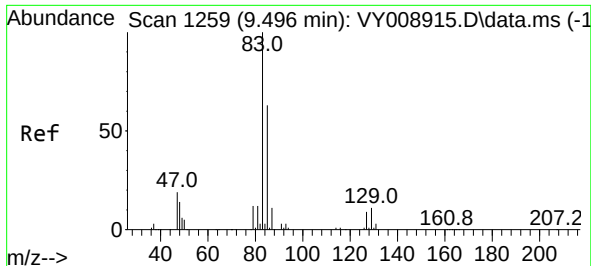
Ion Ratio Lower Upper

93 100

95 83.3 64.3 96.5

174 97.2 83.4 125.0

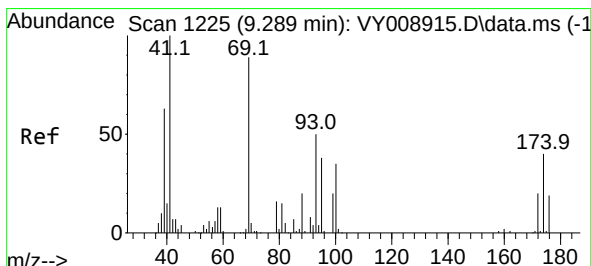
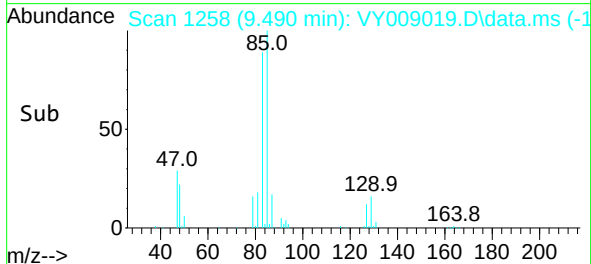
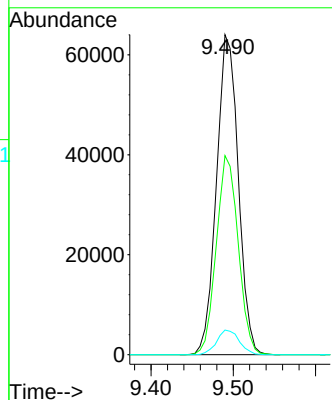
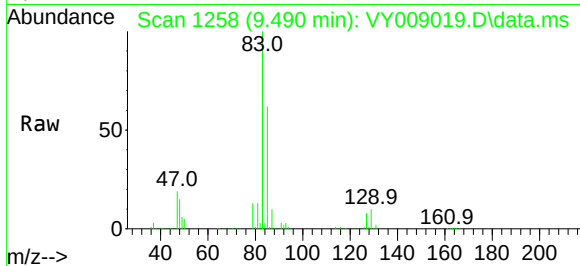




#47
Bromodichloromethane
Concen: 55.424 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

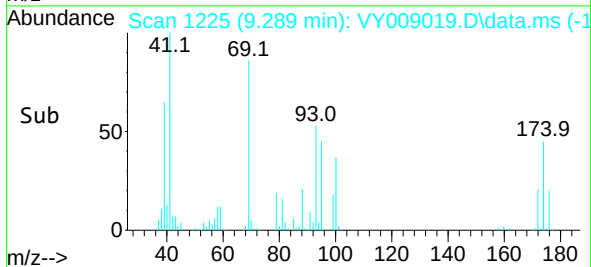
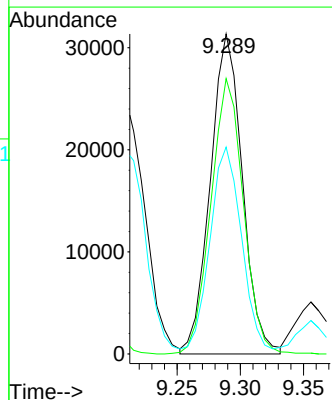
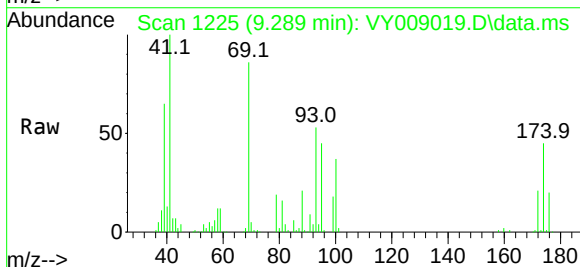
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

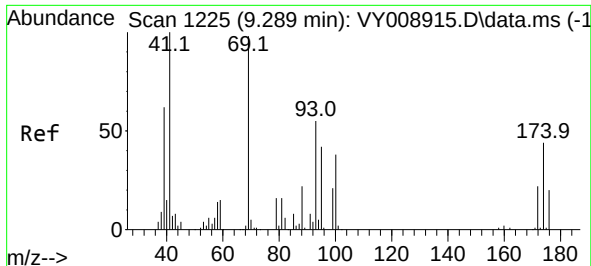
Tgt Ion: 83 Resp: 117740
Ion Ratio Lower Upper
83 100
85 62.2 51.9 77.9
127 7.7 6.6 10.0



#48
Methyl methacrylate
Concen: 60.859 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 41 Resp: 55339
Ion Ratio Lower Upper
41 100
69 86.9 58.2 87.2
39 61.3 47.4 71.0





#49

1,4-Dioxane

Concen: 1141.351 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

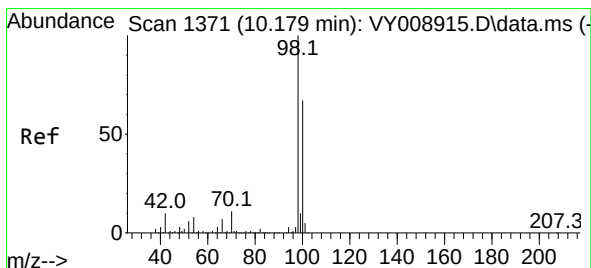
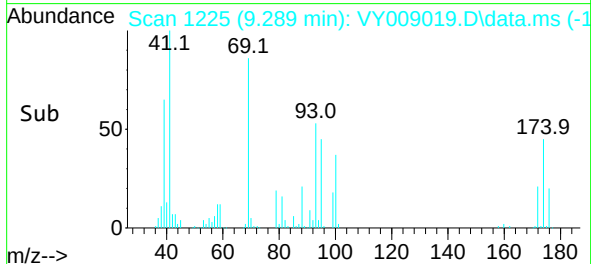
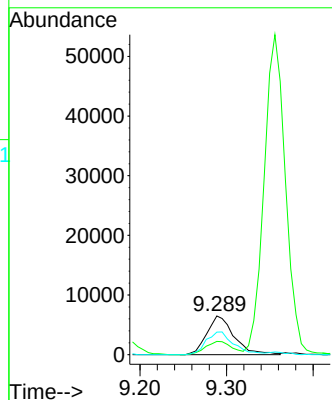
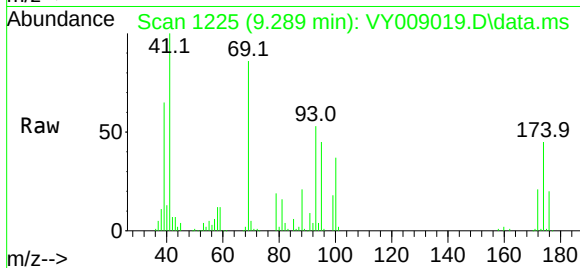
Tgt Ion: 88 Resp: 14182

Ion Ratio Lower Upper

88 100

43 33.5 32.8 49.2

58 59.5 59.8 89.6#



#50

Toluene-d8

Concen: 40.852 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009019.D

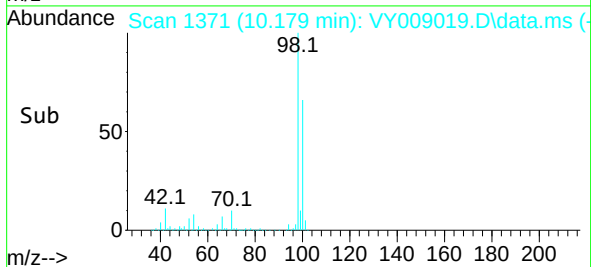
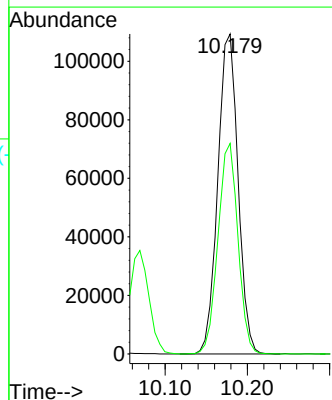
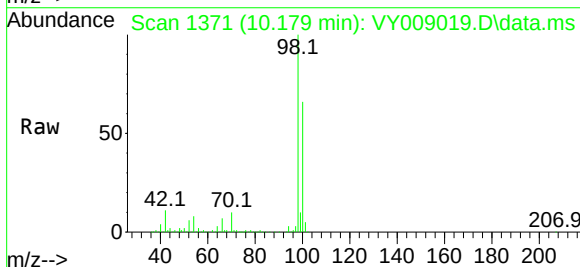
Acq: 23 May 2022 20:10

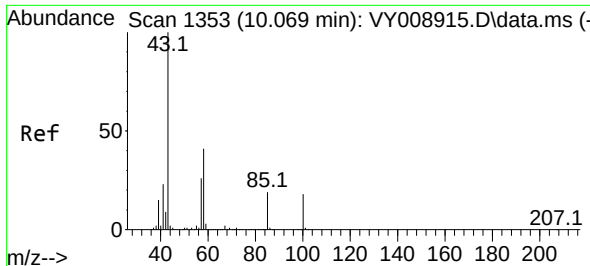
Tgt Ion: 98 Resp: 186972

Ion Ratio Lower Upper

98 100

100 65.0 50.2 75.2

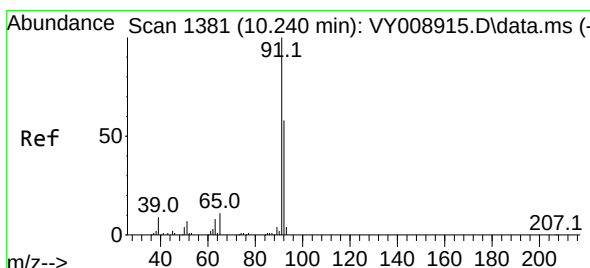
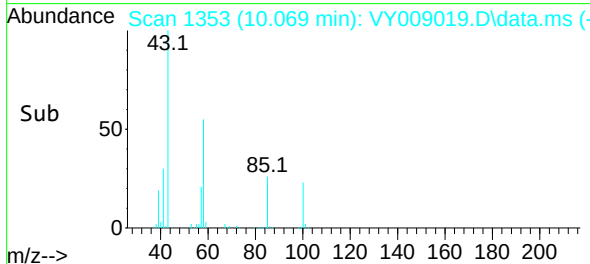
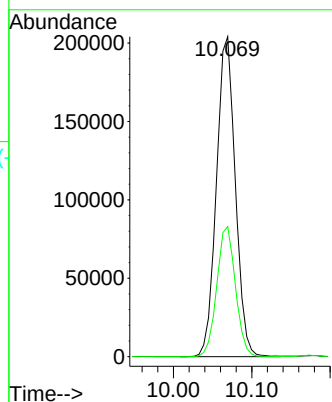
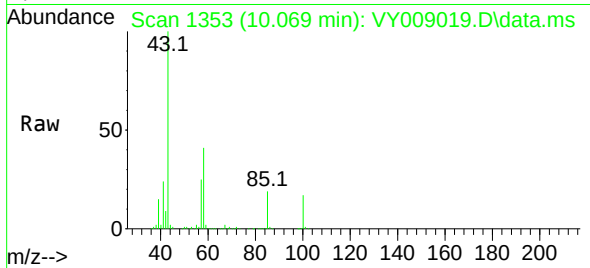




#51
4-Methyl-2-Pentanone
Concen: 303.437 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

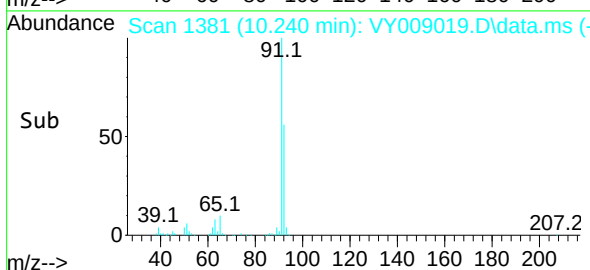
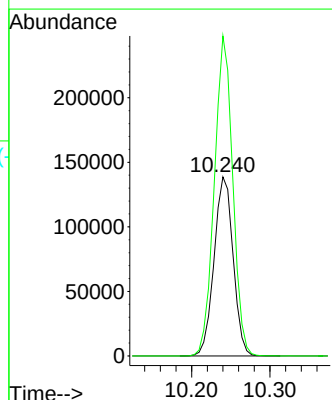
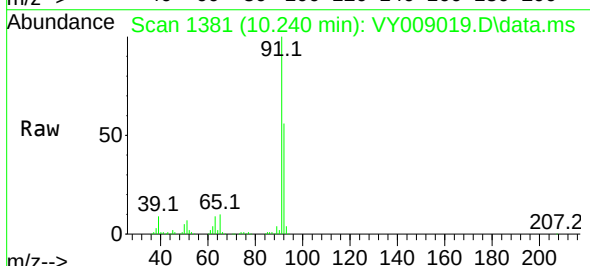
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

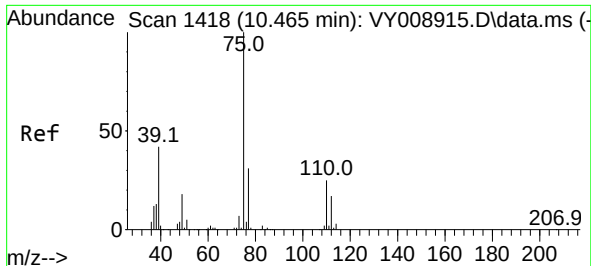
Tgt Ion: 43 Resp: 341973
Ion Ratio Lower Upper
43 100
58 40.2 28.1 42.1



#52
Toluene
Concen: 55.079 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 92 Resp: 234338
Ion Ratio Lower Upper
92 100
91 172.9 142.6 213.8

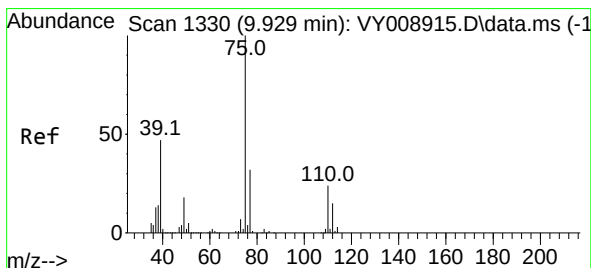
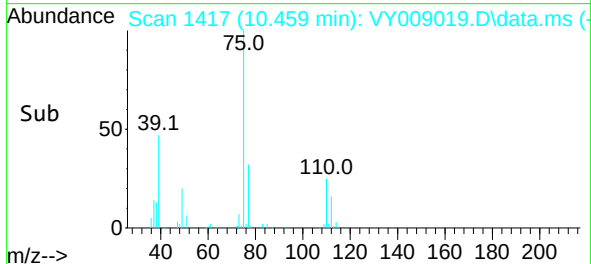
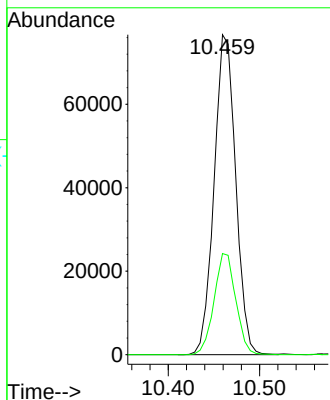
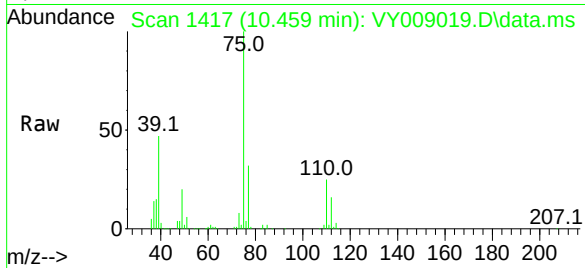




#53
t-1,3-Dichloropropene
Concen: 55.772 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

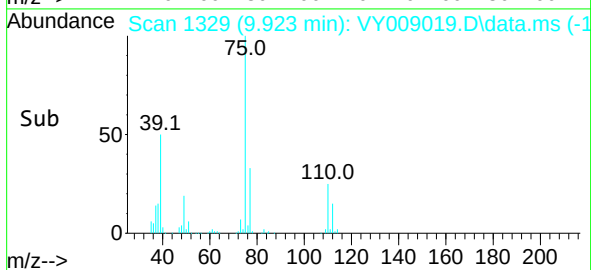
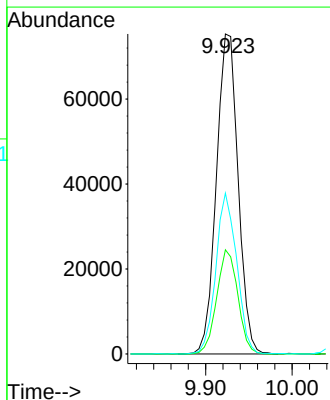
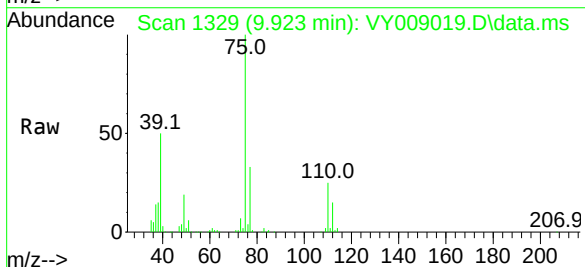
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

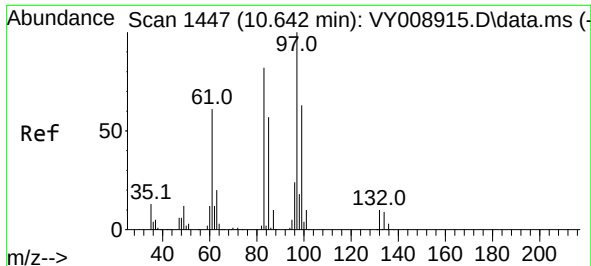
Tgt Ion: 75 Resp: 125816
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 54.157 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 75 Resp: 131339
Ion Ratio Lower Upper
75 100
77 32.6 25.6 38.4
39 50.2 47.6 71.4

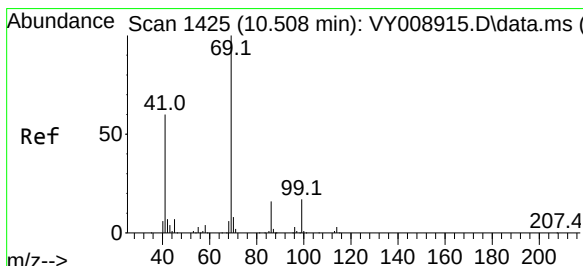
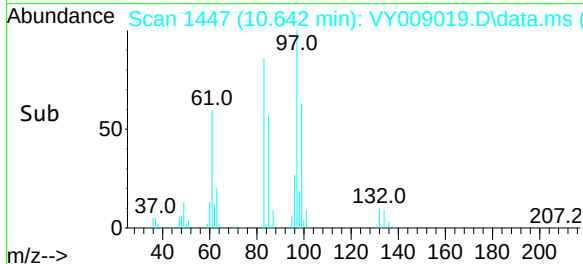
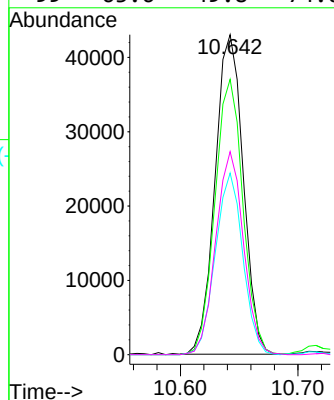
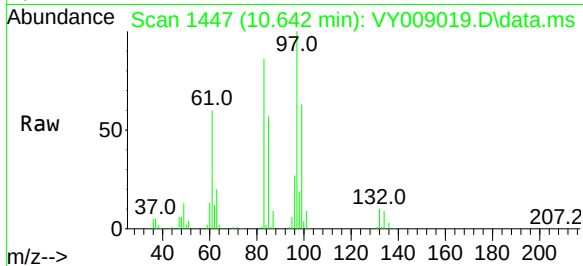




#55
1,1,2-Trichloroethane
Concen: 54.933 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

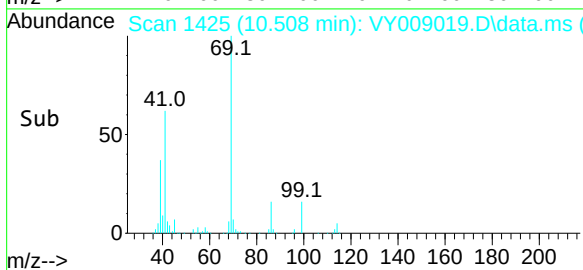
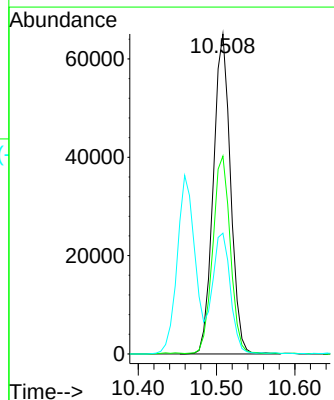
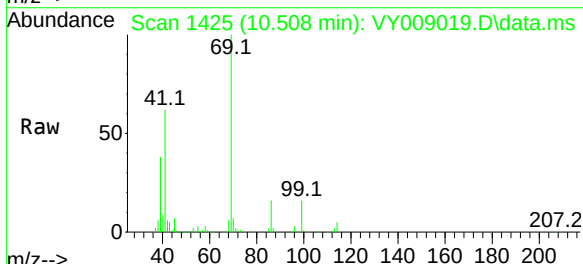
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

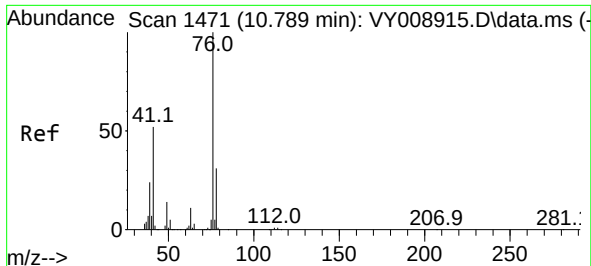
Tgt Ion: 97	Resp: 71438
Ion Ratio	Lower Upper
97 100	
83 86.2	69.8 104.8
85 56.8	44.3 66.5
99 63.6	49.8 74.6



#56
Ethyl methacrylate
Concen: 59.758 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 69	Resp: 99355
Ion Ratio	Lower Upper
69 100	
41 62.8	63.4 95.0#
39 39.3	35.8 53.8





#57

1,3-Dichloropropane

Concen: 56.613 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

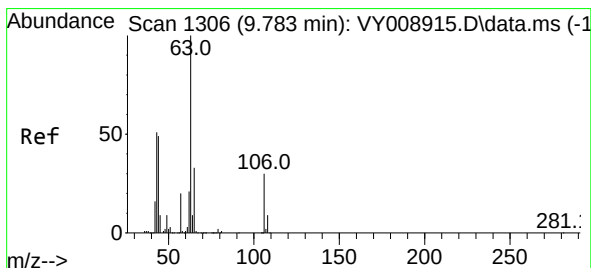
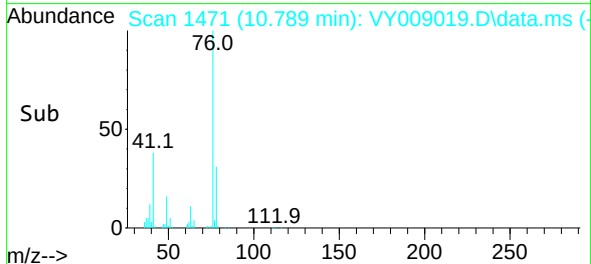
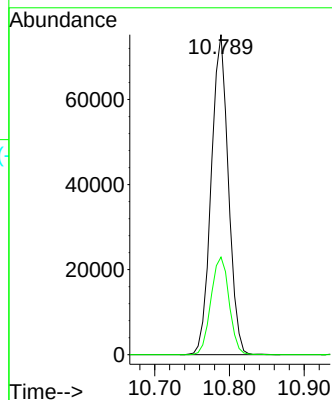
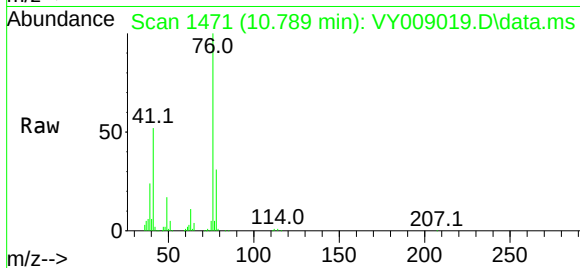
VSTDCCC050EC

Tgt Ion: 76 Resp: 120097

Ion Ratio Lower Upper

76 100

78 32.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 272.299 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY009019.D

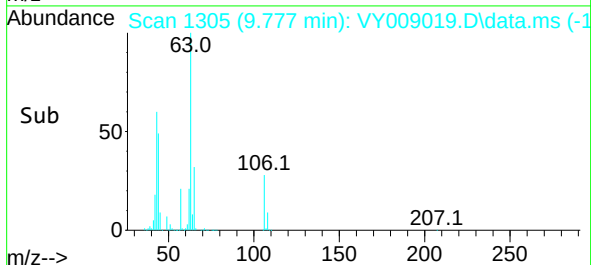
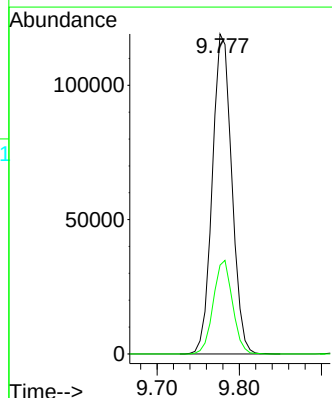
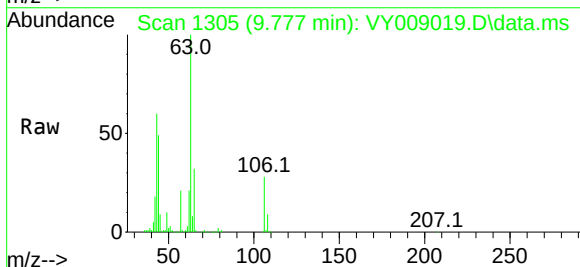
Acq: 23 May 2022 20:10

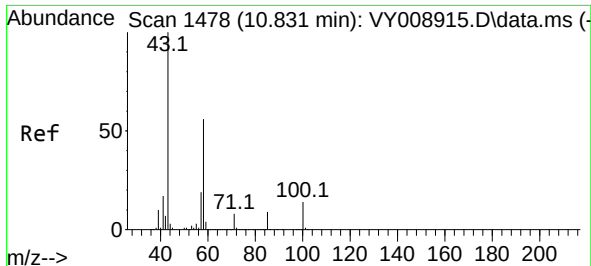
Tgt Ion: 63 Resp: 195864

Ion Ratio Lower Upper

63 100

106 28.8 21.5 32.3

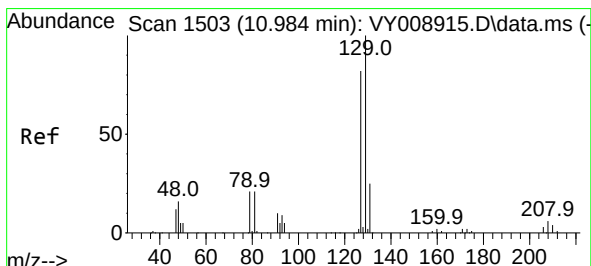
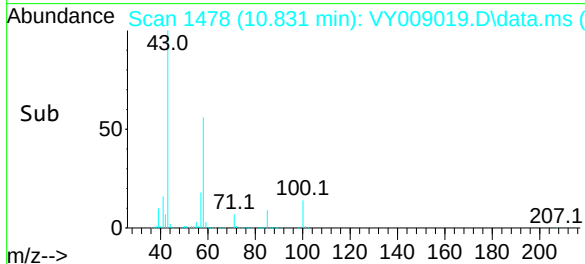
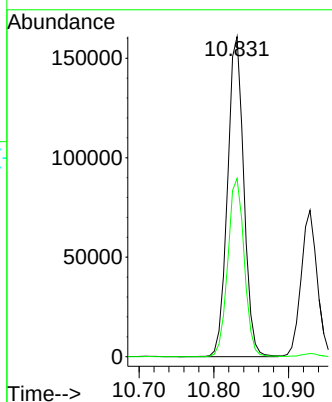
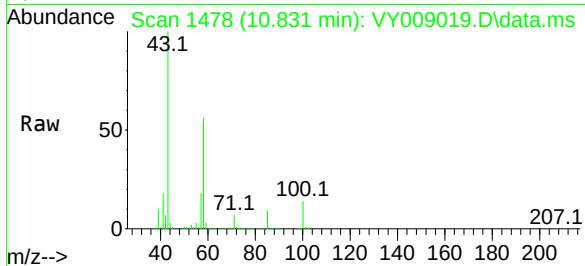




#59
2-Hexanone
Concen: 316.291 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

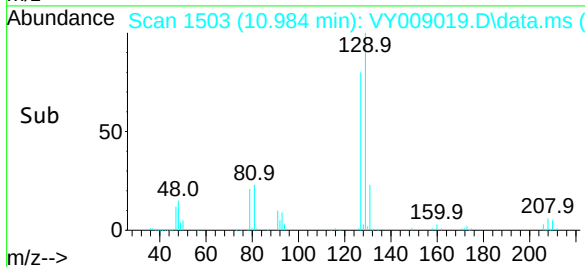
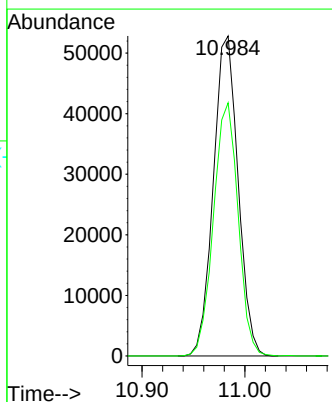
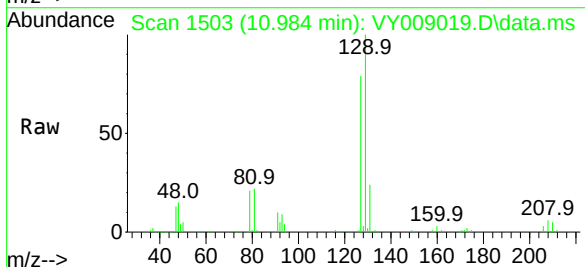
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

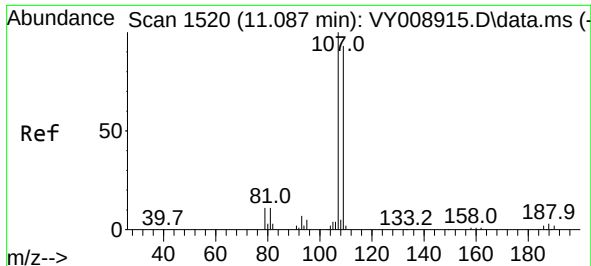
Tgt Ion: 43 Resp: 244058
Ion Ratio Lower Upper
43 100
58 56.2 24.4 73.4



#60
Dibromochloromethane
Concen: 55.971 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 129 Resp: 88234
Ion Ratio Lower Upper
129 100
127 78.7 38.7 116.1

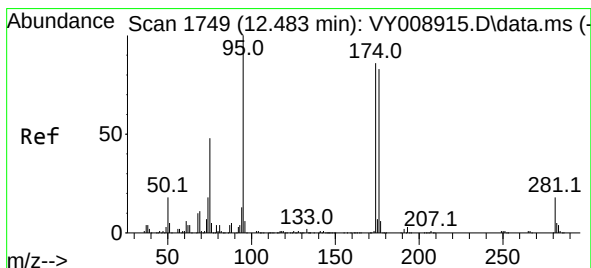
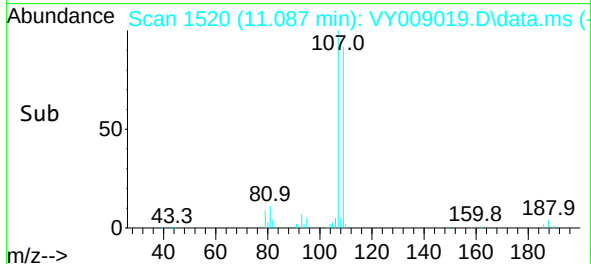
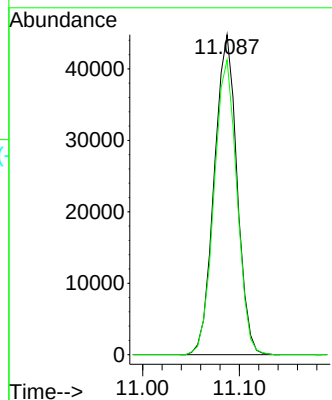
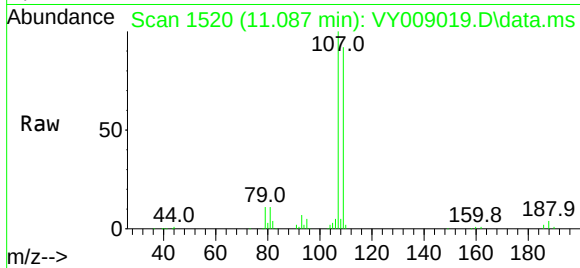




#61
1,2-Dibromoethane
Concen: 56.755 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

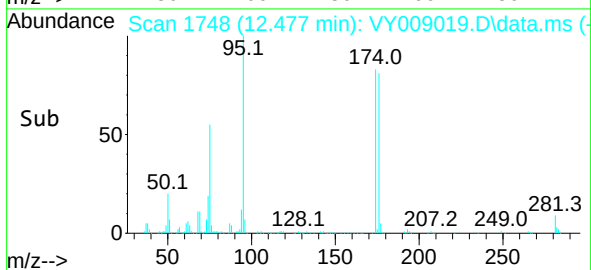
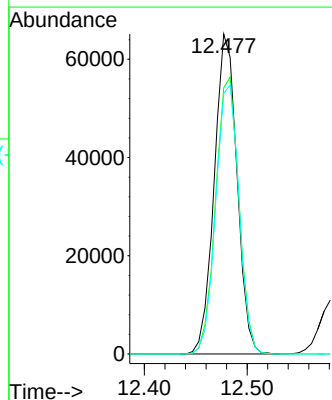
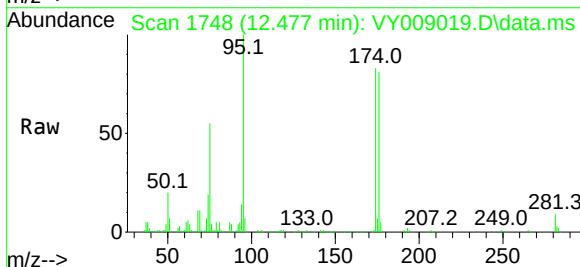
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

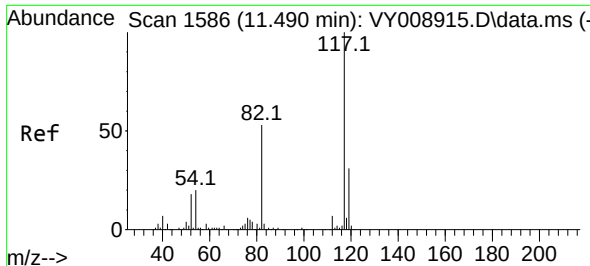
Tgt Ion:107 Resp: 73137
Ion Ratio Lower Upper
107 100
109 92.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 54.110 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 95 Resp: 99899
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 85.9 0.0 175.8

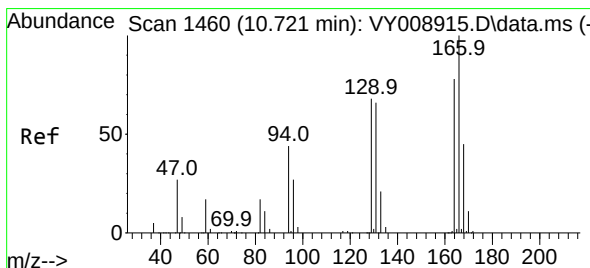
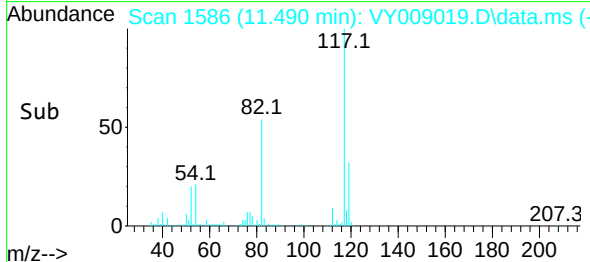
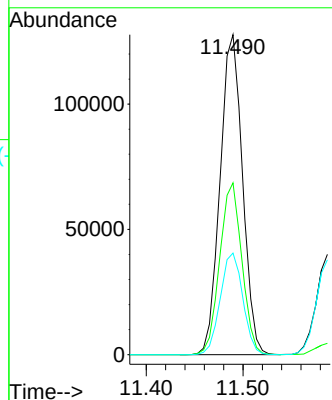
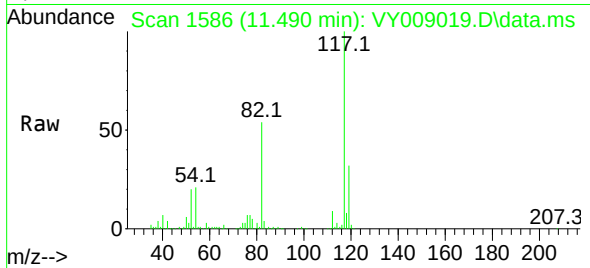




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

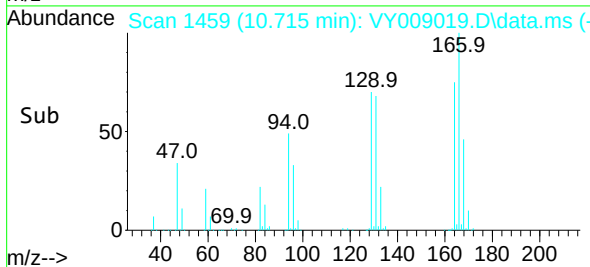
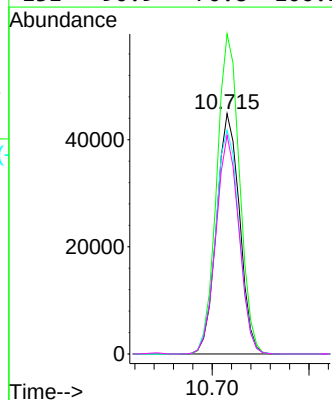
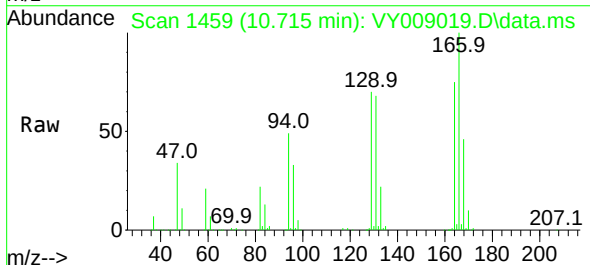
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

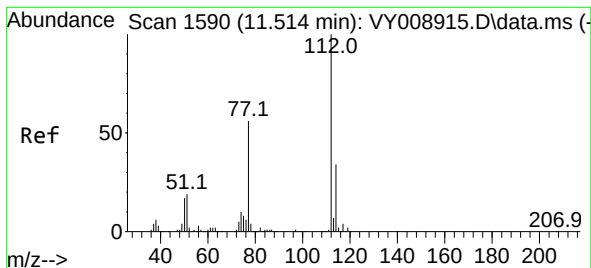
Tgt Ion:117 Resp: 205573
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 49.472 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion:164 Resp: 74025
Ion Ratio Lower Upper
164 100
166 133.1 100.4 150.6
129 93.1 71.4 107.0
131 90.9 70.8 106.2





#65

Chlorobenzene

Concen: 52.941 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

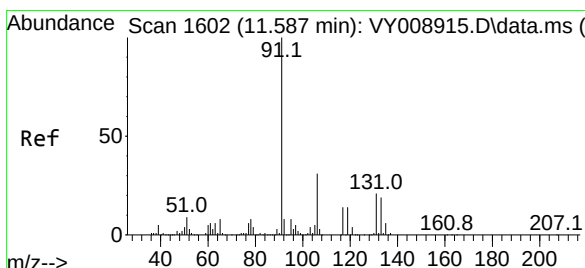
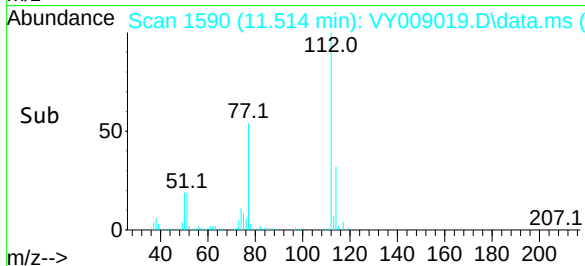
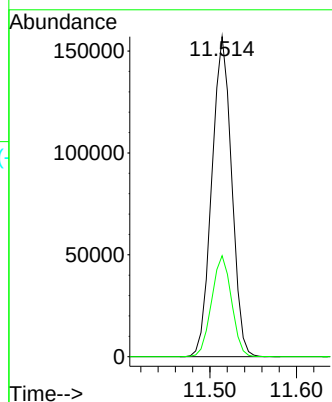
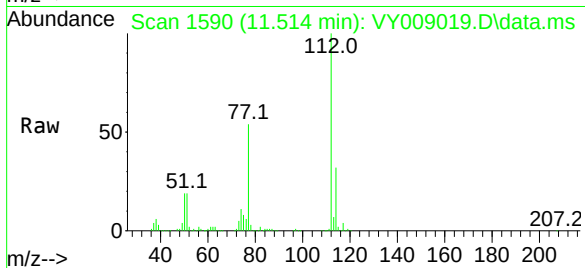
VSTDCCC050EC

Tgt Ion:112 Resp: 249793

Ion Ratio Lower Upper

112 100

114 31.5 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 53.942 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

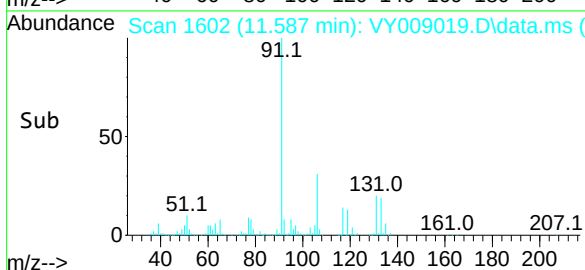
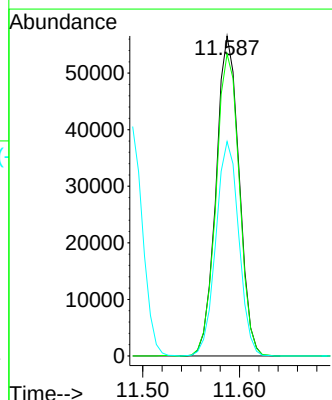
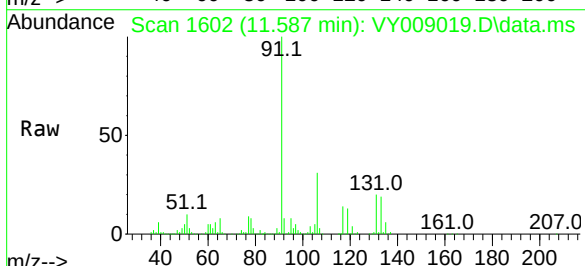
Tgt Ion:131 Resp: 93195

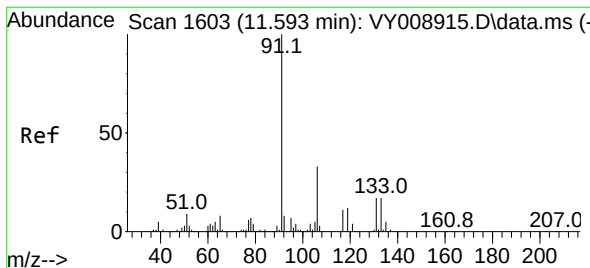
Ion Ratio Lower Upper

131 100

133 95.9 47.9 143.6

119 66.9 30.8 92.3

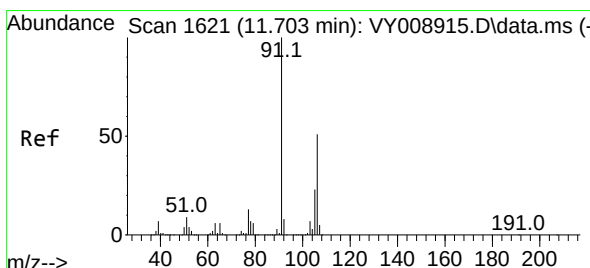
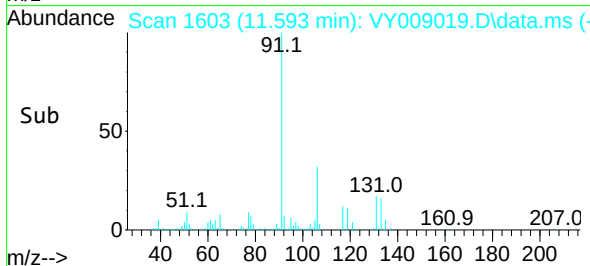
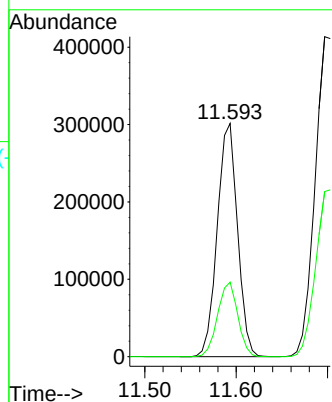
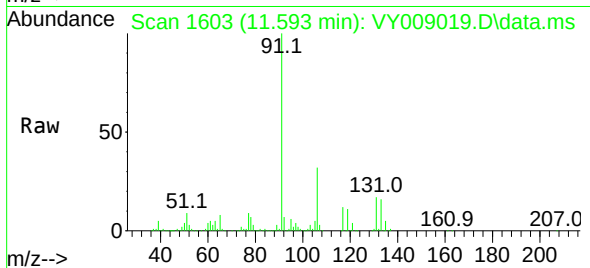




#67
Ethyl Benzene
Concen: 54.609 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

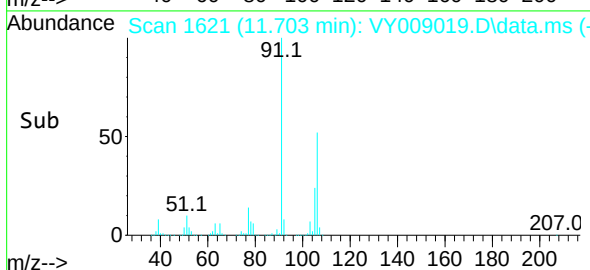
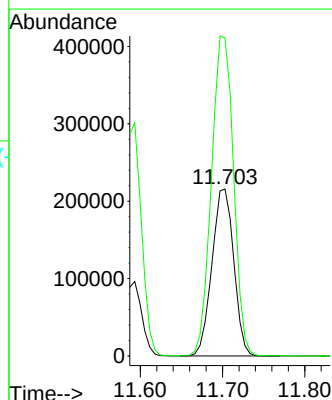
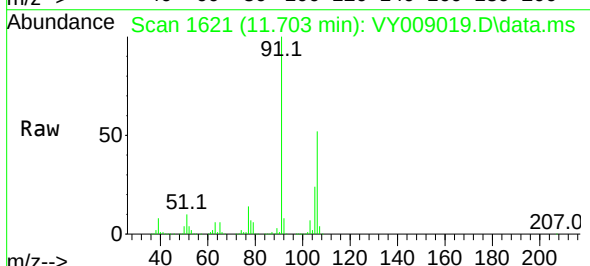
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

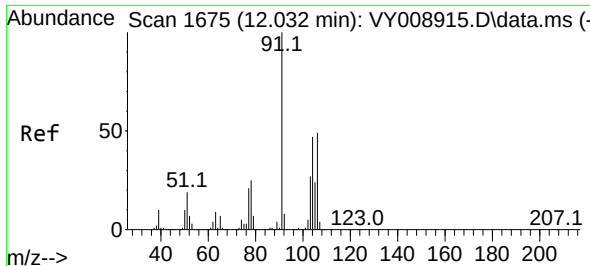
Tgt Ion: 91 Resp: 464348
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7



#68
m/p-Xylenes
Concen: 115.014 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 106 Resp: 397014
Ion Ratio Lower Upper
106 100
91 194.0 166.6 249.8

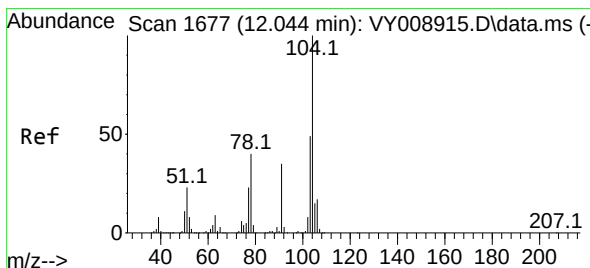
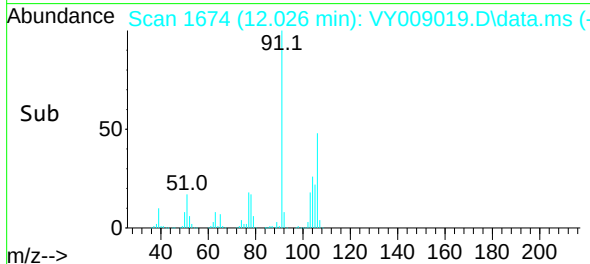
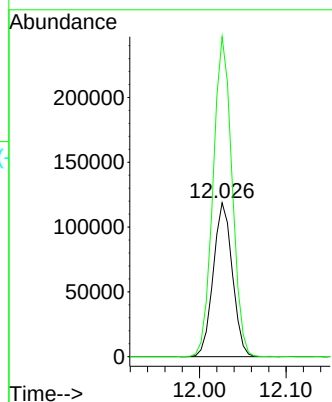
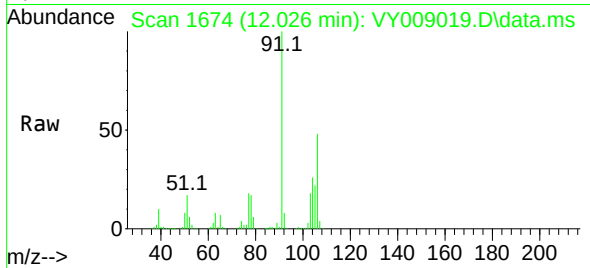




#69
o-Xylene
Concen: 56.667 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

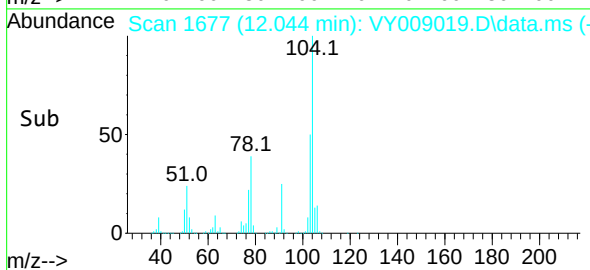
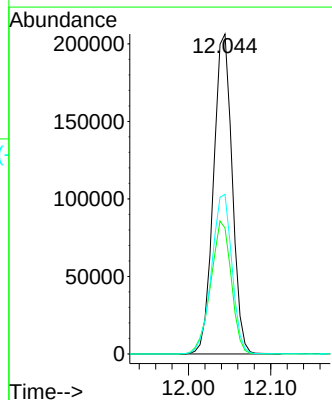
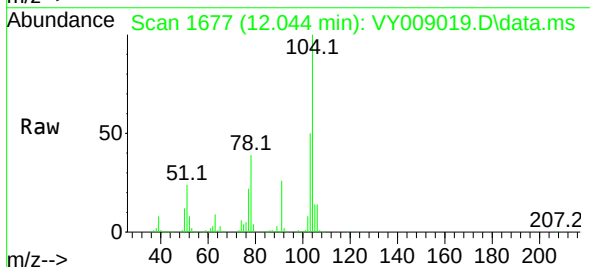
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

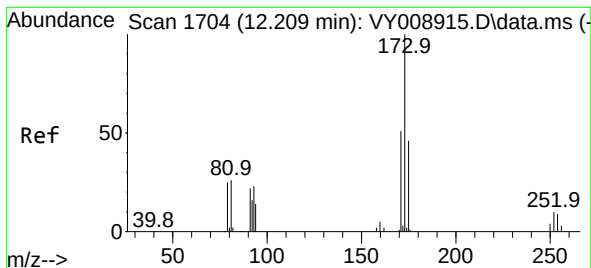
Tgt Ion:106 Resp: 181644
Ion Ratio Lower Upper
106 100
91 206.8 110.3 331.0



#70
Styrene
Concen: 59.120 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion:104 Resp: 325902
Ion Ratio Lower Upper
104 100
78 45.7 42.4 63.6
103 54.4 44.4 66.6





#71

Bromoform

Concen: 57.054 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

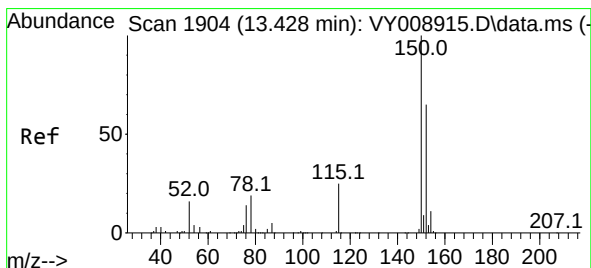
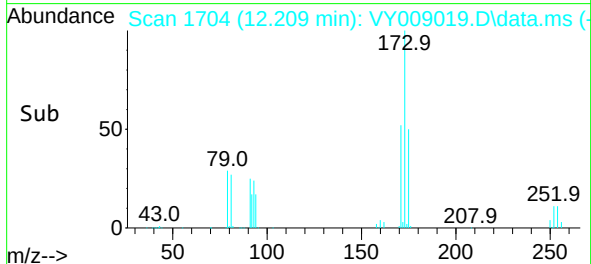
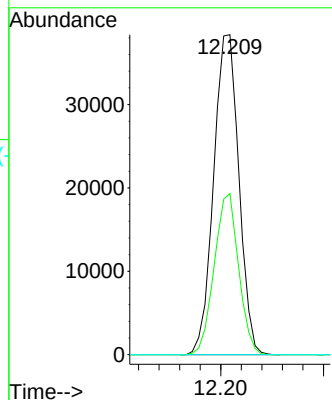
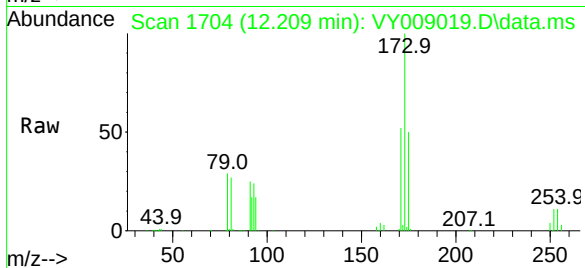
Tgt Ion:173 Resp: 65344

Ion Ratio Lower Upper

173 100

175 48.5 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

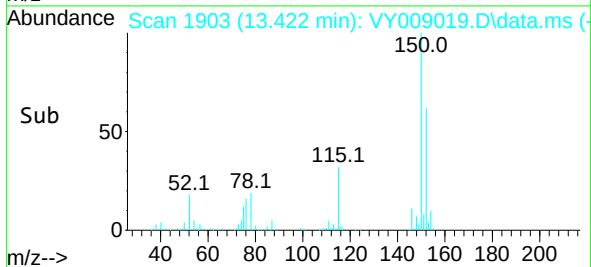
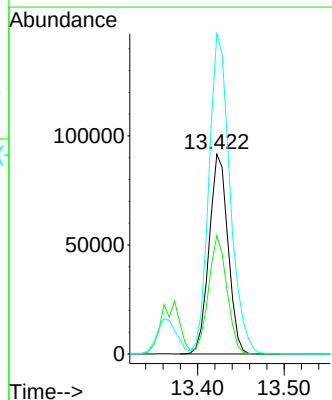
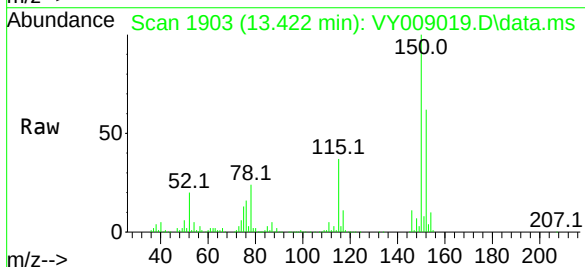
Tgt Ion:152 Resp: 138512

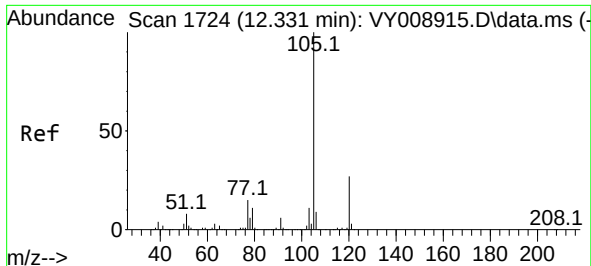
Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 178.9 0.0 347.6

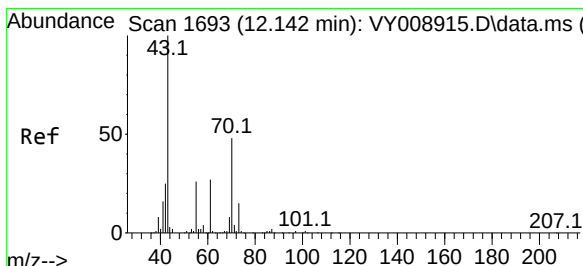
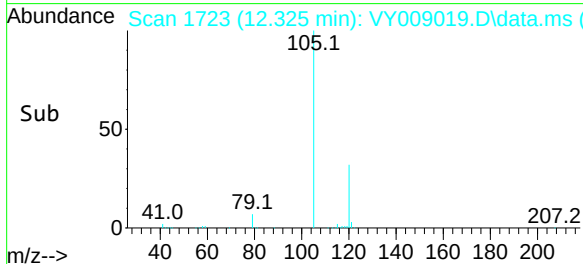
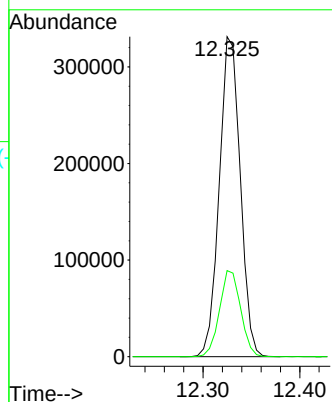
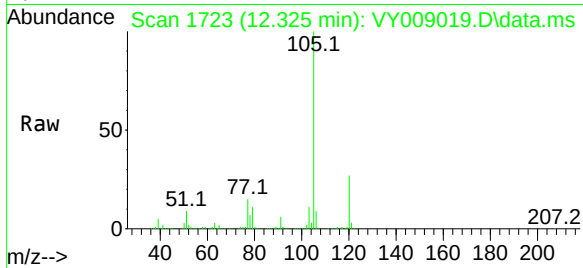




#73
Isopropylbenzene
Concen: 48.089 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

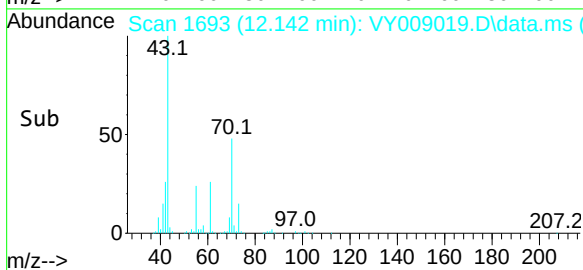
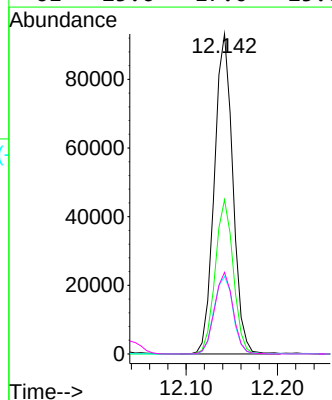
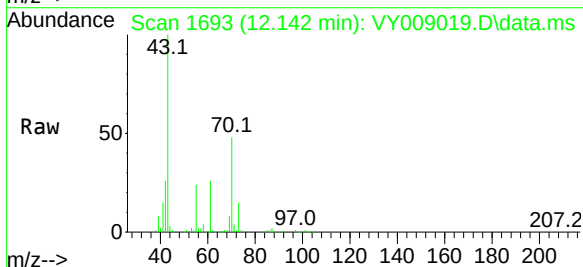
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC0050EC

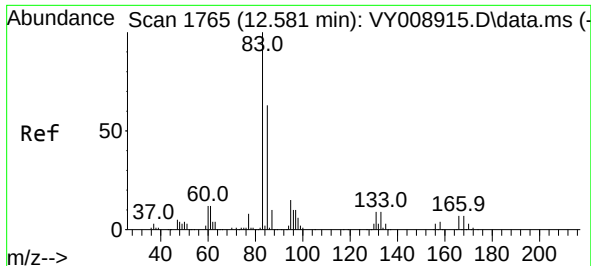
Tgt Ion:105 Resp: 498070
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-ethyl acetate
Concen: 54.837 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 43 Resp: 131039
Ion Ratio Lower Upper
43 100
70 47.2 28.7 43.1#
55 25.1 17.3 25.9
61 25.6 17.0 25.6#

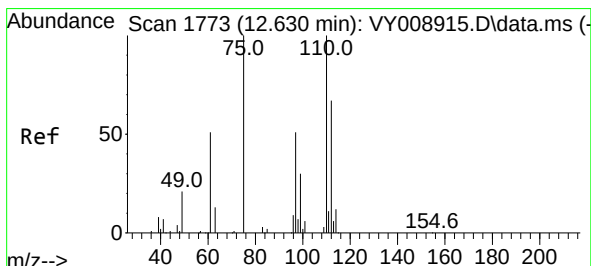
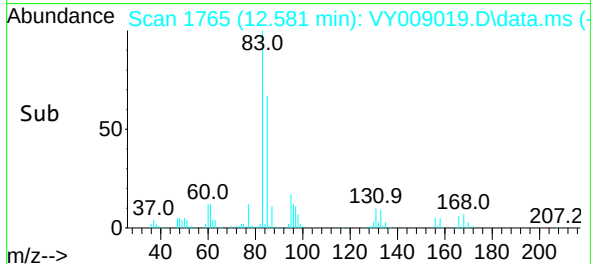
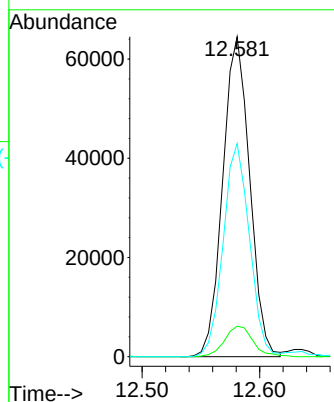
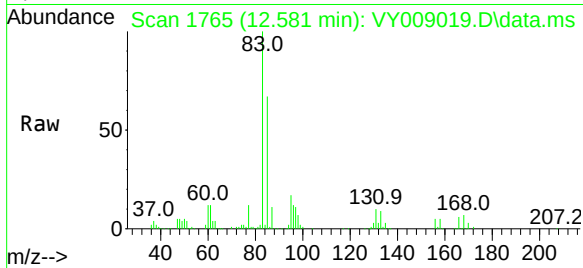




#75
1,1,2,2-Tetrachloroethane
Concen: 48.178 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

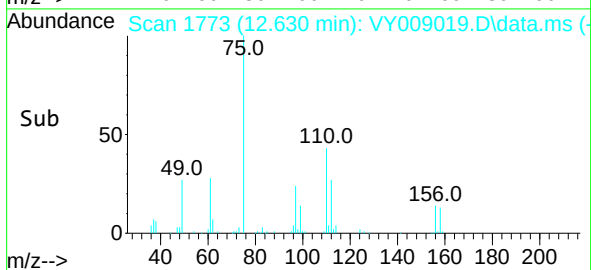
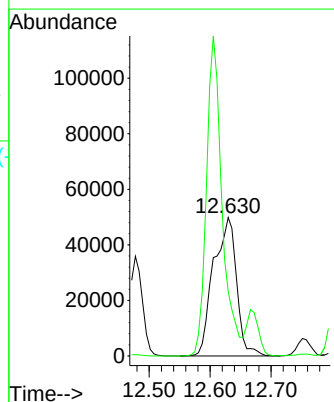
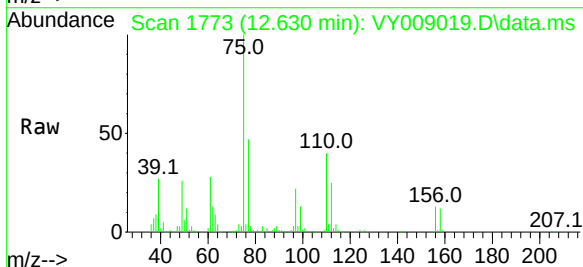
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

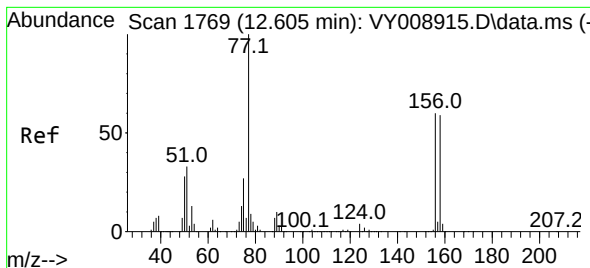
Tgt Ion: 83 Resp: 102789
Ion Ratio Lower Upper
83 100
131 10.1 5.6 16.8
85 65.0 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 88.091 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 75 Resp: 131031
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.402 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

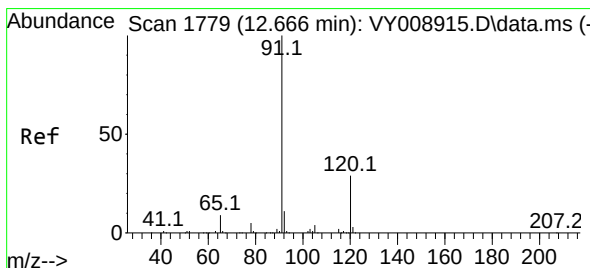
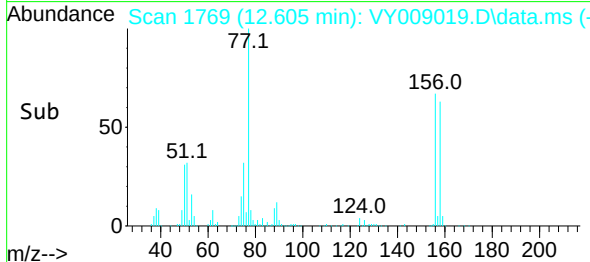
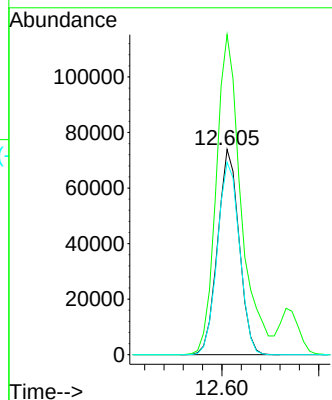
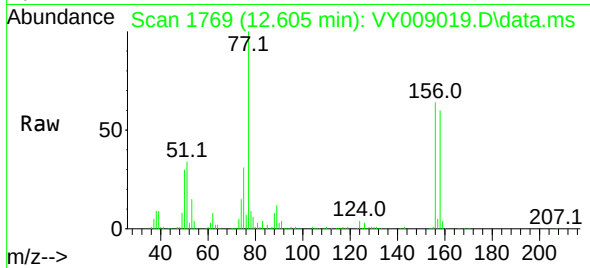
Tgt Ion:156 Resp: 113807

Ion Ratio Lower Upper

156 100

77 179.1 95.5 286.4

158 96.6 48.0 144.0



#78

n-propylbenzene

Concen: 52.176 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009019.D

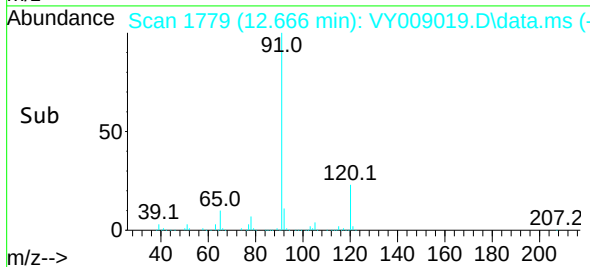
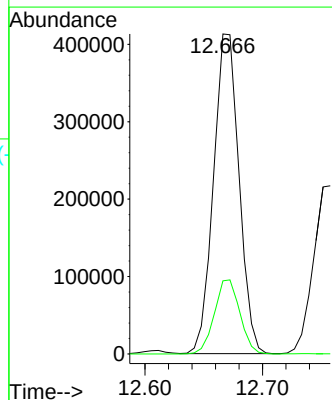
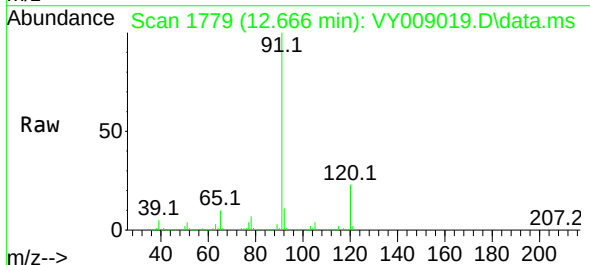
Acq: 23 May 2022 20:10

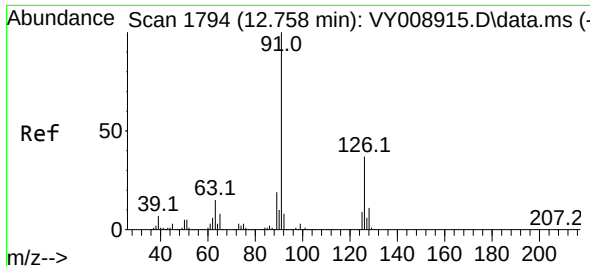
Tgt Ion: 91 Resp: 624341

Ion Ratio Lower Upper

91 100

120 23.1 11.3 33.9

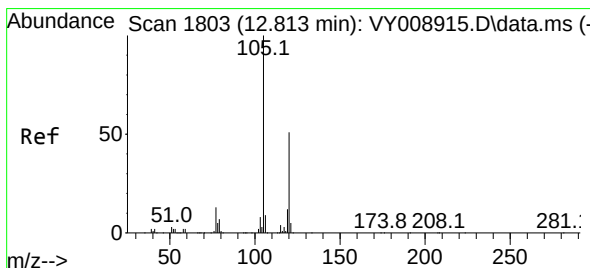
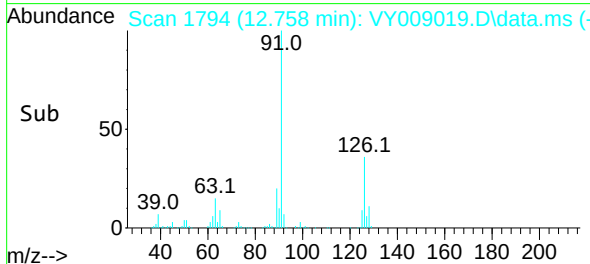
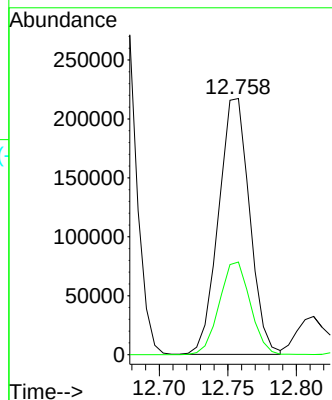
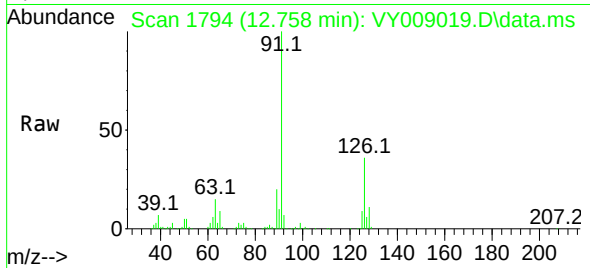




#79
2-Chlorotoluene
Concen: 49.736 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

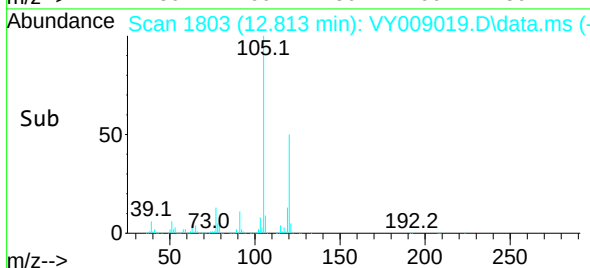
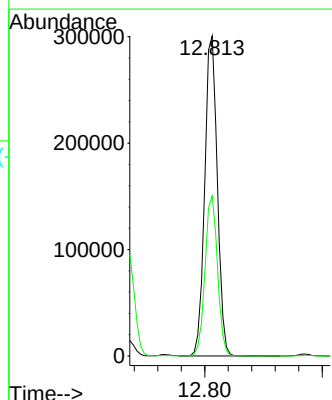
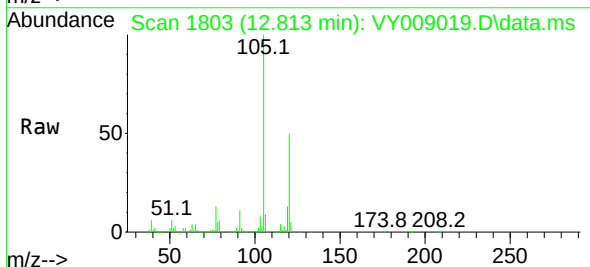
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

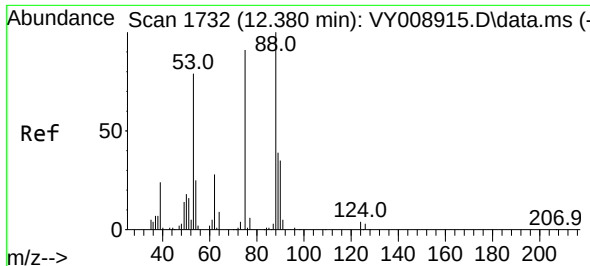
Tgt Ion: 91 Resp: 343296
Ion Ratio Lower Upper
91 100
126 36.1 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 51.598 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 105 Resp: 447932
Ion Ratio Lower Upper
105 100
120 49.7 24.4 73.4

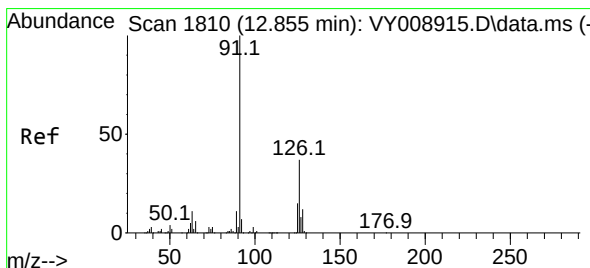
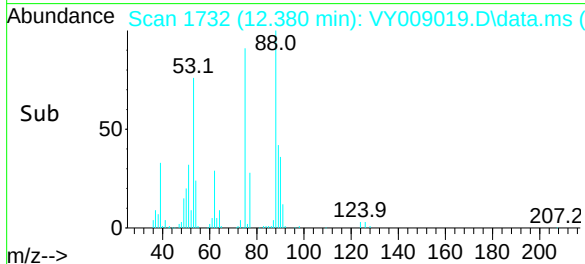
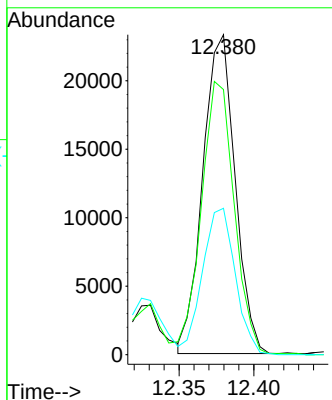
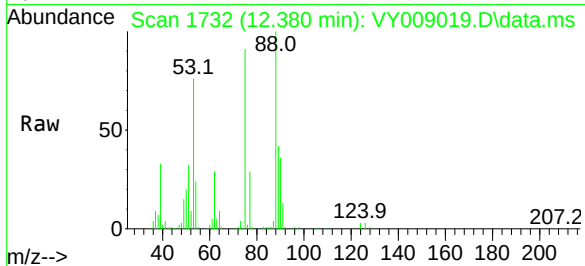




#81
trans-1,4-Dichloro-2-butene
Concen: 48.229 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

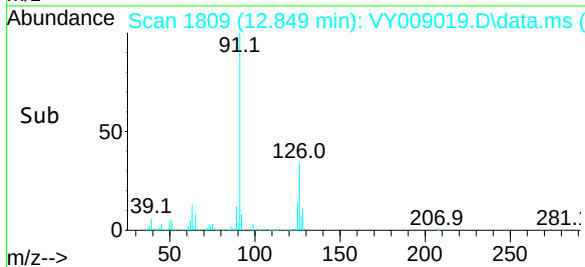
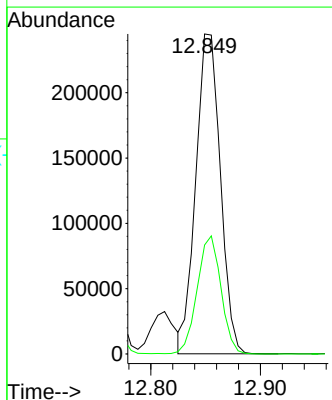
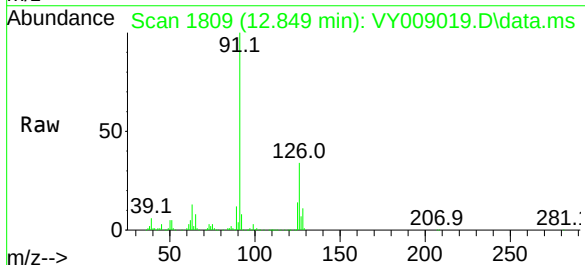
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

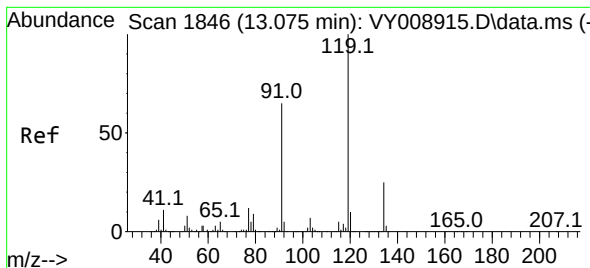
Tgt Ion: 75 Resp: 34952
Ion Ratio Lower Upper
75 100
53 88.4 85.3 127.9
89 46.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 51.644 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 91 Resp: 381264
Ion Ratio Lower Upper
91 100
126 35.7 17.0 51.0

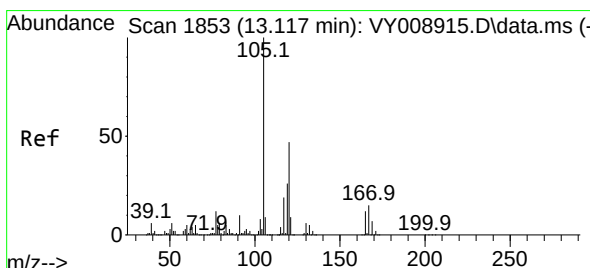
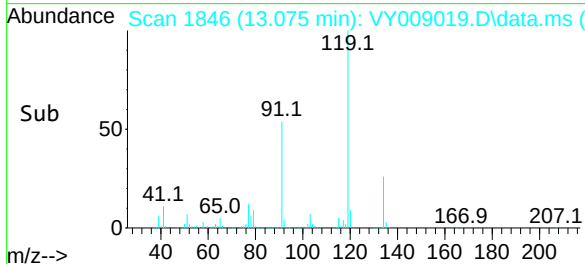
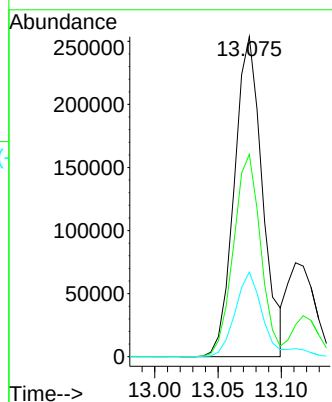
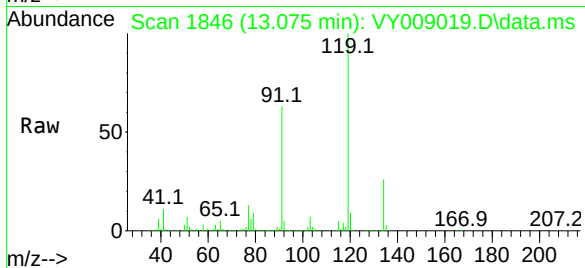




#83
tert-Butylbenzene
Concen: 51.019 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

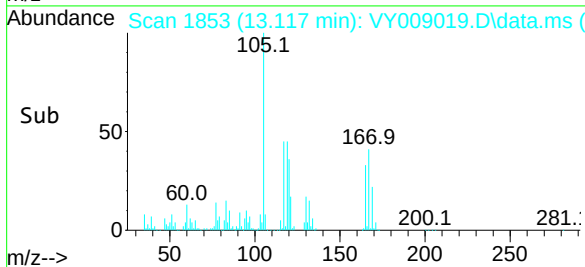
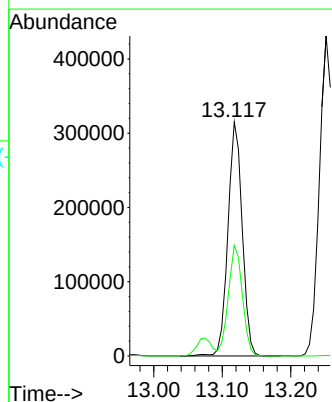
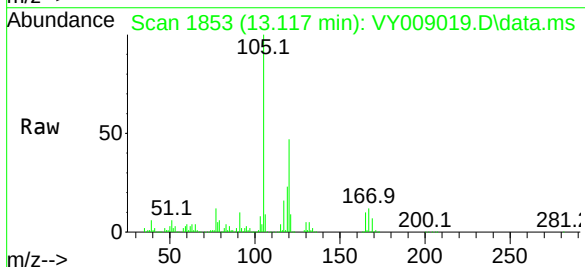
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

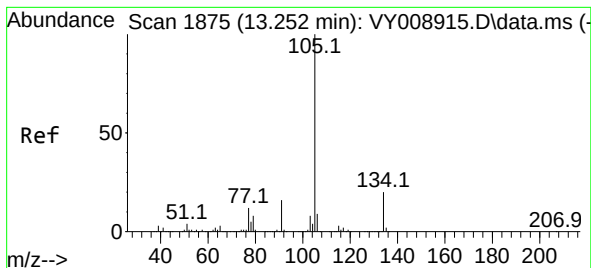
Tgt Ion:119 Resp: 392934
Ion Ratio Lower Upper
119 100
91 61.0 34.8 104.4
134 26.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 52.793 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion:105 Resp: 454961
Ion Ratio Lower Upper
105 100
120 46.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 52.514 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. -0.001 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

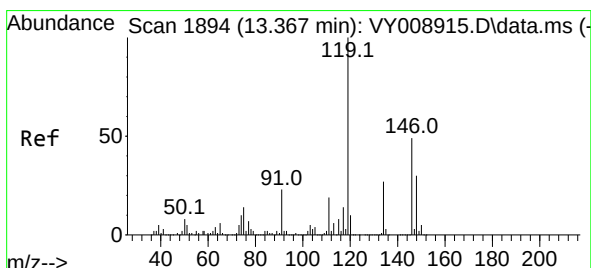
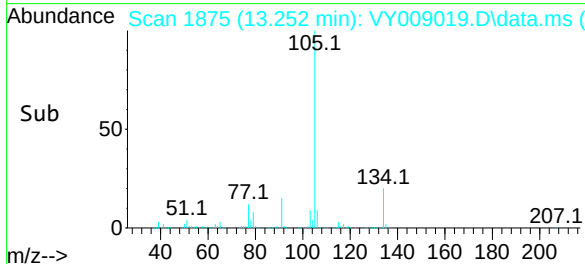
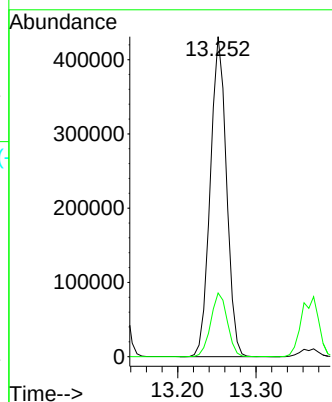
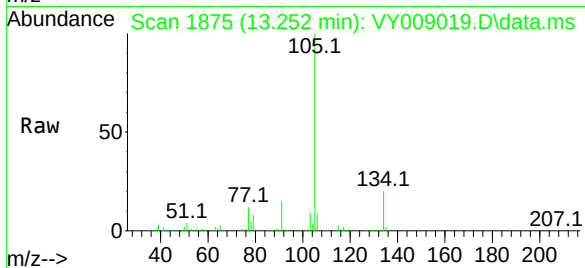
VSTDCCC050EC

Tgt Ion:105 Resp: 618812

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 46.984 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

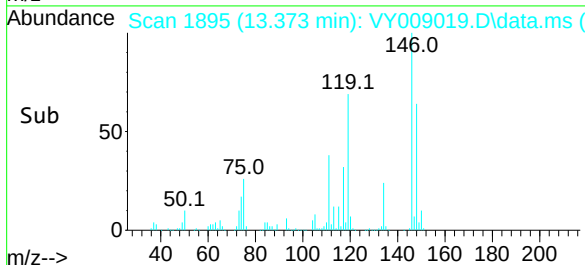
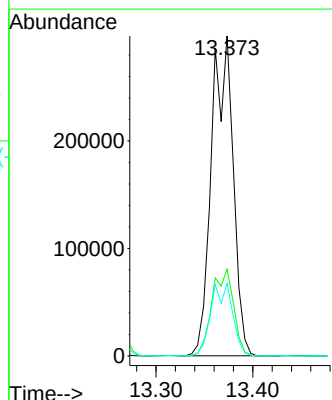
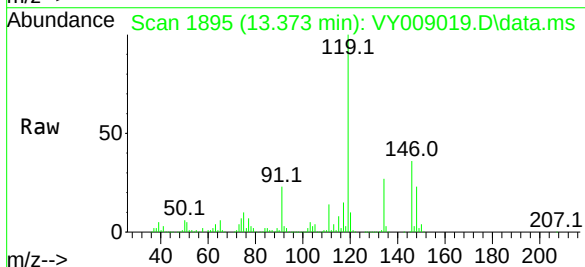
Tgt Ion:119 Resp: 461693

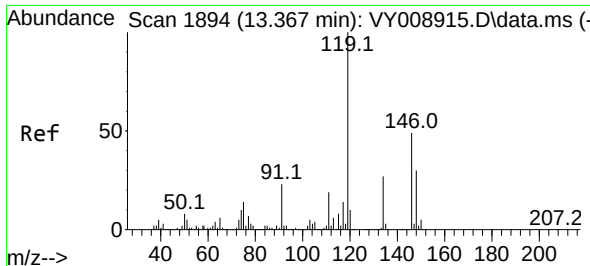
Ion Ratio Lower Upper

119 100

134 27.3 13.2 39.5

91 22.6 12.4 37.2

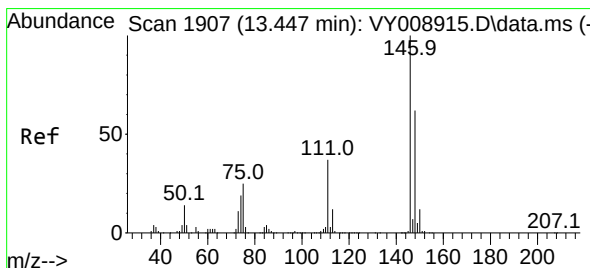
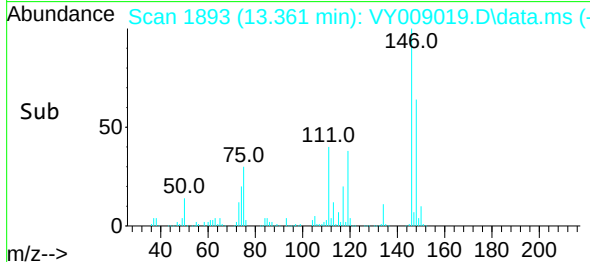
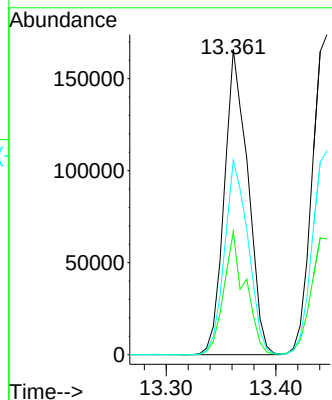
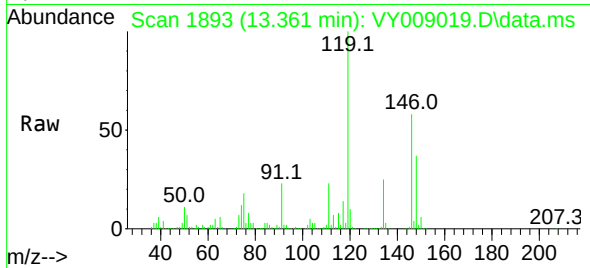




#87
1,3-Dichlorobenzene
Concen: 48.330 ug/l
RT: 13.361 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

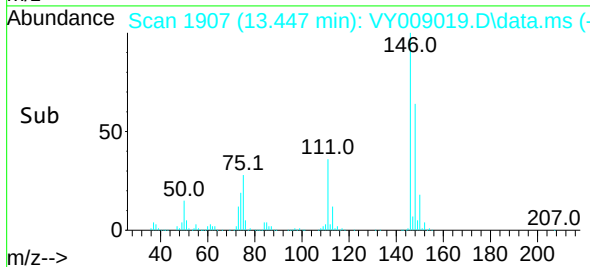
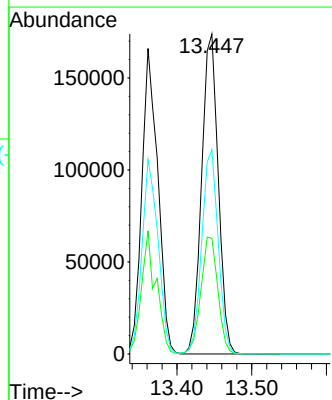
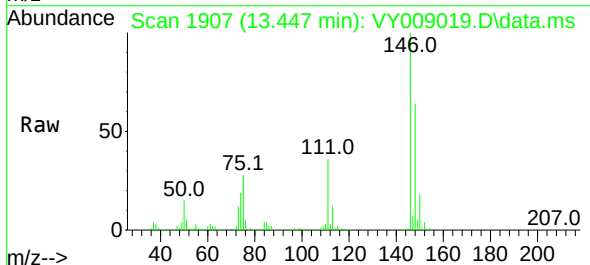
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

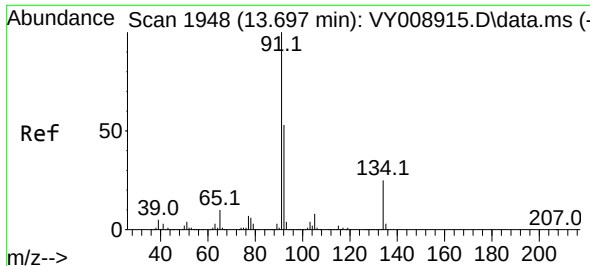
Tgt Ion:146 Resp: 247519
Ion Ratio Lower Upper
146 100
111 37.0 19.5 58.5
148 64.0 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 52.104 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion:146 Resp: 268092
Ion Ratio Lower Upper
146 100
111 37.3 19.3 57.8
148 63.2 32.6 97.8

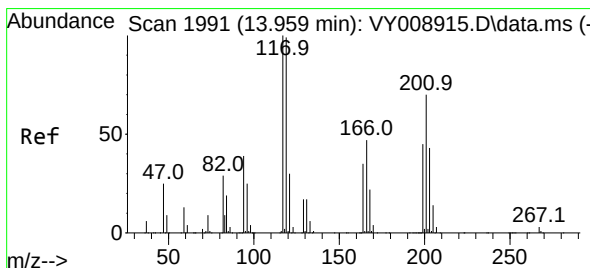
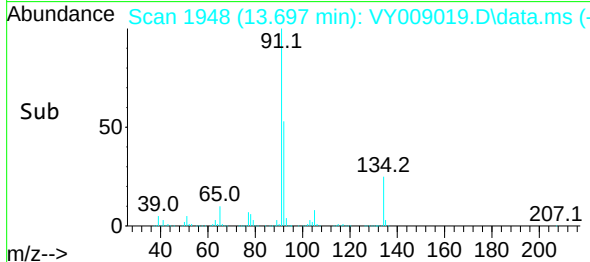
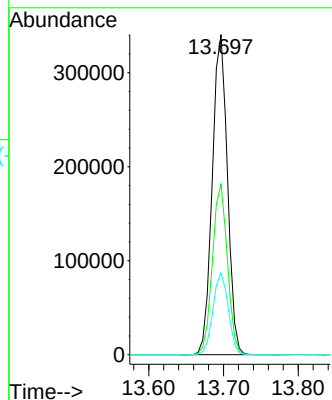
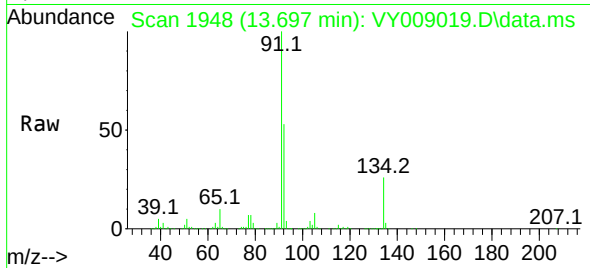




#89
n-Butylbenzene
Concen: 53.378 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

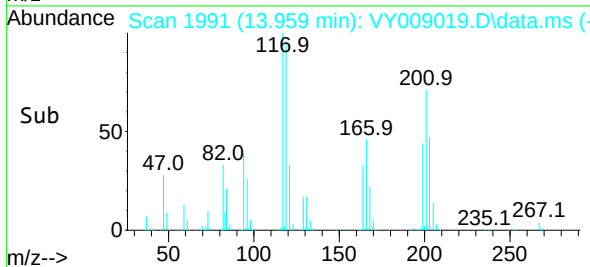
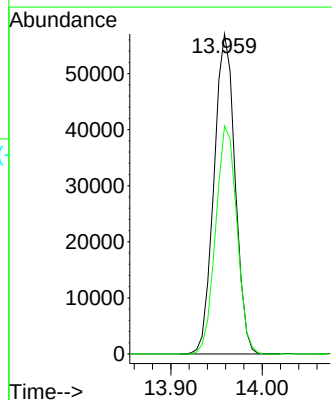
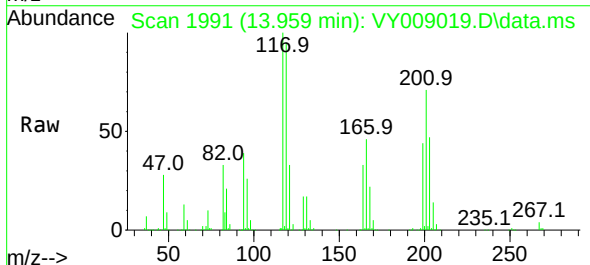
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

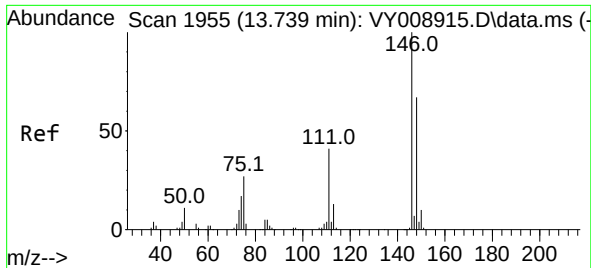
Tgt Ion: 91 Resp: 479859
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.9
134 25.7 13.0 38.9



#90
Hexachloroethane
Concen: 49.606 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 117 Resp: 91349
Ion Ratio Lower Upper
117 100
201 71.9 43.0 128.8

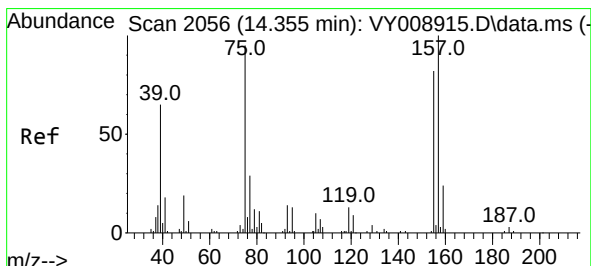
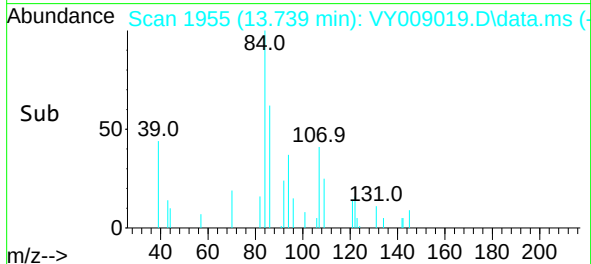
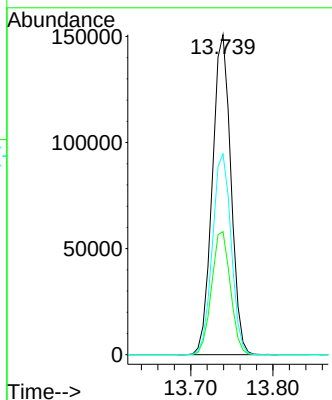
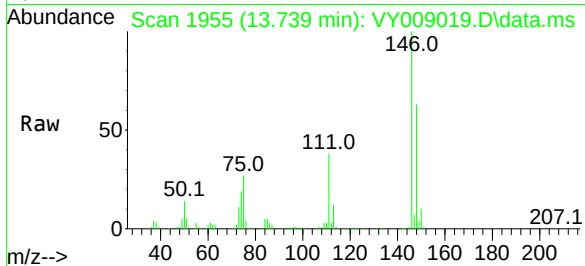




#91
1,2-Dichlorobenzene
Concen: 52.319 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

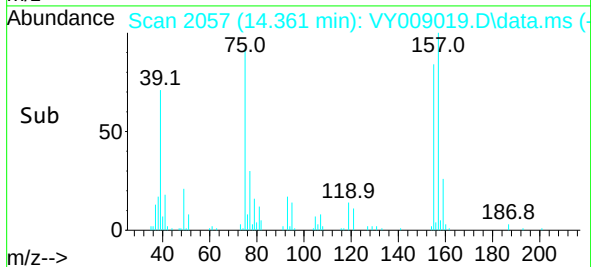
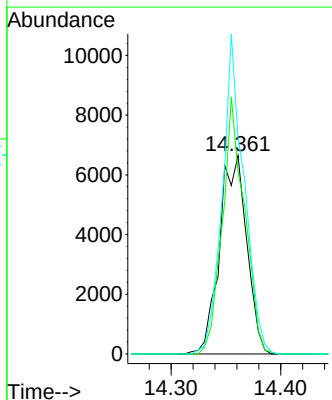
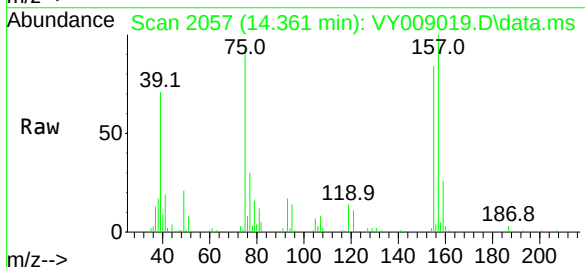
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

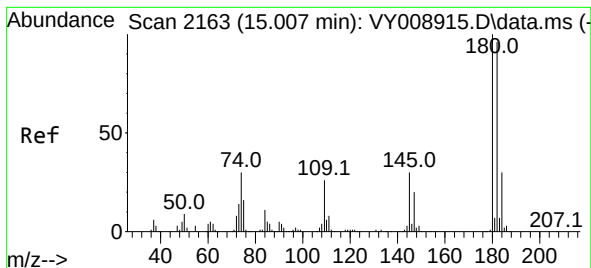
Tgt Ion:146 Resp: 236530
Ion Ratio Lower Upper
146 100
111 38.9 20.3 60.9
148 63.3 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 34.525 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY009019.D
Acq: 23 May 2022 20:10

Tgt Ion: 75 Resp: 11436
Ion Ratio Lower Upper
75 100
155 105.3 38.0 113.9
157 128.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 47.556 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

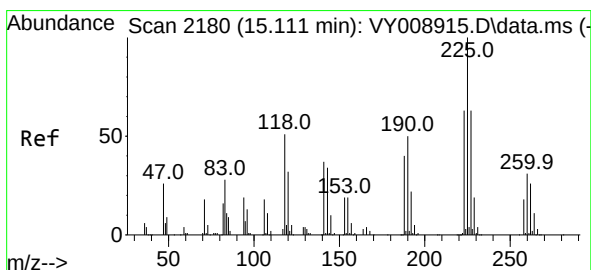
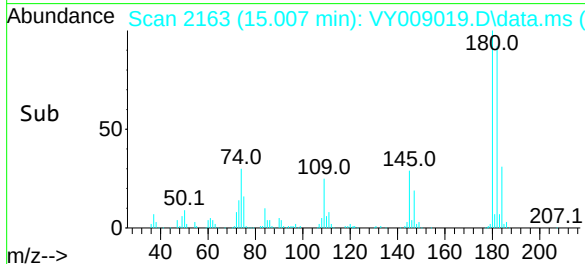
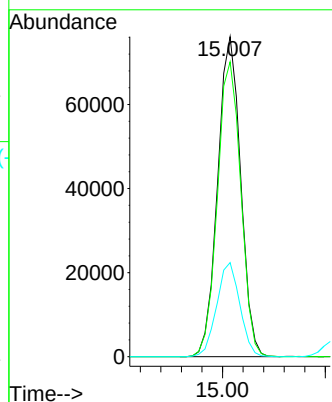
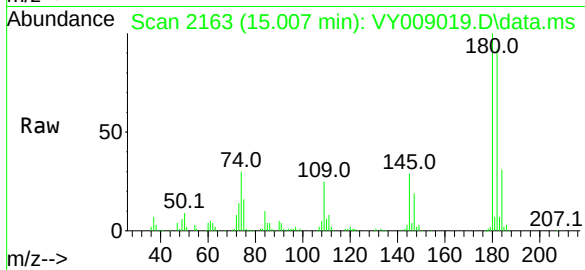
Tgt Ion:180 Resp: 117993

Ion Ratio Lower Upper

180 100

182 93.9 47.3 141.9

145 29.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 46.556 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

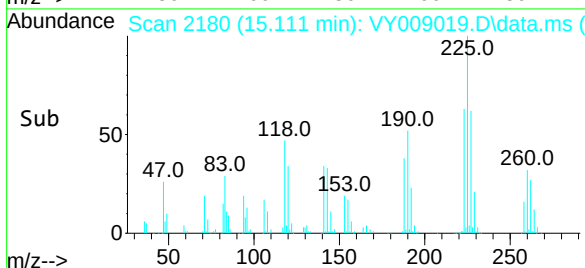
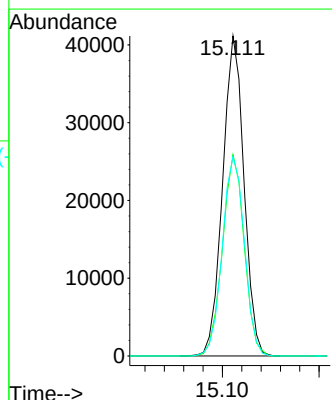
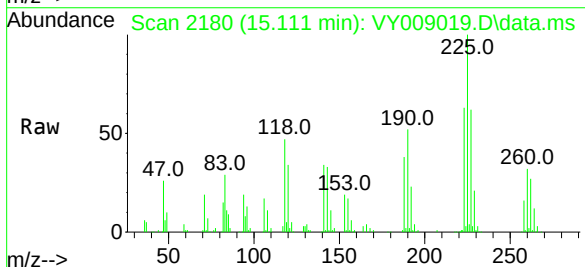
Tgt Ion:225 Resp: 62957

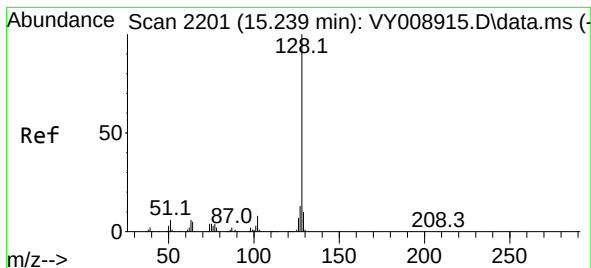
Ion Ratio Lower Upper

225 100

223 64.0 30.8 92.3

227 64.6 31.6 94.7





#95

Naphthalene

Concen: 51.706 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

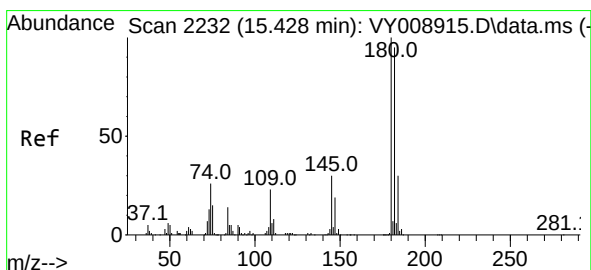
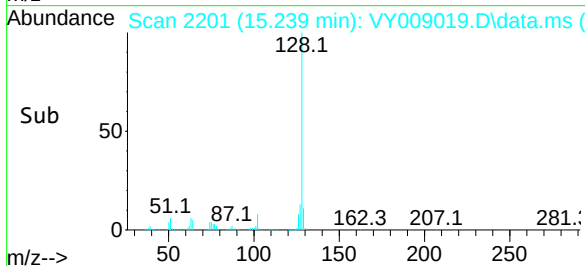
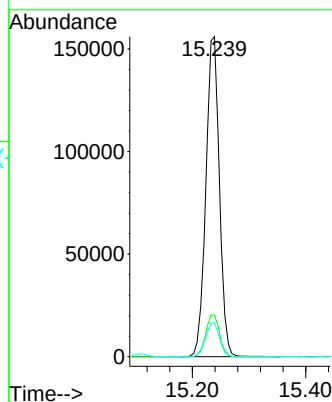
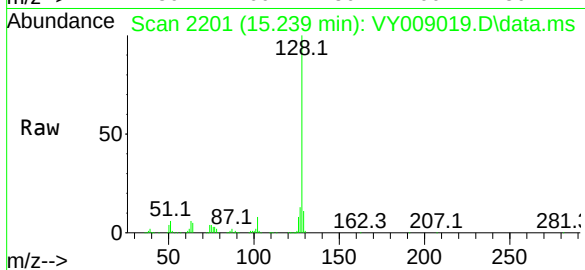
Tgt Ion:128 Resp: 257719

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 48.741 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY009019.D

Acq: 23 May 2022 20:10

Tgt Ion:180 Resp: 105089

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.9

145 31.2 15.3 45.9

