

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009191.D
 Acq On : 16 Jun 2022 09:53
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Jun 16 15:40:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	199640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	324665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	292618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136710	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107070	51.342	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.680%	
35) Dibromofluoromethane	7.716	113	107042	52.587	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.180%	
50) Toluene-d8	10.179	98	403476	52.071	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.140%	
62) 4-Bromofluorobenzene	12.483	95	139990	50.841	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.680%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	61741	40.855	ug/l	99
3) Chloromethane	2.113	50	83568	44.634	ug/l	94
4) Vinyl Chloride	2.247	62	92924	47.282	ug/l	98
5) Bromomethane	2.643	94	62328	45.143	ug/l	91
6) Chloroethane	2.790	64	59494	48.377	ug/l	96
7) Trichlorofluoromethane	3.119	101	162604	51.795	ug/l	95
8) Diethyl Ether	3.527	74	56934	47.796	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	91375	47.337	ug/l	95
10) Methyl Iodide	4.082	142	118001	47.855	ug/l #	88
11) Tert butyl alcohol	4.936	59	77273	233.556	ug/l	98
12) 1,1-Dichloroethene	3.869	96	87898	46.269	ug/l	81
13) Acrolein	3.729	56	12159	207.637	ug/l	98
14) Allyl chloride	4.472	41	167371	48.822	ug/l	91
15) Acrylonitrile	5.155	53	157069	246.532	ug/l	97
16) Acetone	3.942	43	149933	285.416	ug/l	91
17) Carbon Disulfide	4.186	76	261107	47.477	ug/l	100
18) Methyl Acetate	4.472	43	73233	48.152	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	285589	49.825	ug/l	97
20) Methylene Chloride	4.704	84	110012	46.314	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	110650	49.709	ug/l	88
22) Diisopropyl ether	6.112	45	358170	50.670	ug/l	94
23) Vinyl Acetate	6.051	43	1175196	264.285	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	197736	49.506	ug/l	98
25) 2-Butanone	6.978	43	220768	265.583	ug/l	95
26) 2,2-Dichloropropane	6.972	77	176051	49.745	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	129822	49.728	ug/l	90
28) Bromochloromethane	7.332	49	91232	53.290	ug/l #	85
29) Tetrahydrofuran	7.344	42	136390	247.111	ug/l	90
30) Chloroform	7.502	83	201122	48.953	ug/l	99
31) Cyclohexane	7.777	56	181588	48.610	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	174346	48.262	ug/l	96
36) 1,1-Dichloropropene	7.911	75	153341	48.972	ug/l	97
37) Ethyl Acetate	7.069	43	93378	50.115	ug/l #	95
38) Carbon Tetrachloride	7.899	117	158114	48.835	ug/l	99
39) Methylcyclohexane	9.179	83	194423	51.504	ug/l	91
40) Benzene	8.155	78	458372	50.130	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	54330	52.132	ug/l #	42
42) 1,2-Dichloroethane	8.234	62	129192	48.447	ug/l	91
43) Isopropyl Acetate	8.271	43	171340	49.717	ug/l #	92
44) Trichloroethene	8.935	130	126624	48.447	ug/l	97
45) 1,2-Dichloropropane	9.215	63	116021	50.058	ug/l	97
46) Dibromomethane	9.301	93	66349	49.766	ug/l	99
47) Bromodichloromethane	9.496	83	157946	49.706	ug/l	97
48) Methyl methacrylate	9.289	41	78081	50.760	ug/l #	86
49) 1,4-Dioxane	9.295	88	19086	1006.393	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	447844	247.041	ug/l	91
52) Toluene	10.240	92	289895	49.654	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	168469	50.544	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	191907	50.979	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	94334	50.000	ug/l	99
56) Ethyl methacrylate	10.508	69	129671	50.699	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	160271	49.727	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	280103	252.649	ug/l	95
59) 2-Hexanone	10.831	43	318322	255.959	ug/l	89
60) Dibromochloromethane	10.983	129	112651	48.769	ug/l	99
61) 1,2-Dibromoethane	11.087	107	91507	49.765	ug/l	100
64) Tetrachloroethene	10.715	164	132496	48.875	ug/l	99
65) Chlorobenzene	11.514	112	308768	48.711	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	114642	49.384	ug/l	97
67) Ethyl Benzene	11.593	91	537449	48.589	ug/l	97
68) m/p-Xylenes	11.703	106	419114	96.109	ug/l	94
69) o-Xylene	12.026	106	202867	49.099	ug/l	92
70) Styrene	12.044	104	340213	49.084	ug/l	96
71) Bromoform	12.209	173	71700	48.356	ug/l #	97
73) Isopropylbenzene	12.331	105	521473	50.681	ug/l	99
74) N-amyl acetate	12.142	43	138862	48.381	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	101129	49.659	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	138403	91.687	ug/l #	100
77) Bromobenzene	12.605	156	127431	50.409	ug/l	93
78) n-propylbenzene	12.672	91	625672	50.256	ug/l	97
79) 2-Chlorotoluene	12.758	91	354793	50.580	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	429748	49.970	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	37583	49.618	ug/l	86
82) 4-Chlorotoluene	12.855	91	362764	49.564	ug/l	97
83) tert-Butylbenzene	13.075	119	377264	49.895	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	425963	50.462	ug/l	98
85) sec-Butylbenzene	13.251	105	556263	49.683	ug/l	99
86) p-Isopropyltoluene	13.367	119	460201	49.531	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	240384	49.303	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	241090	48.712	ug/l	98
89) n-Butylbenzene	13.696	91	429563	48.892	ug/l	98
90) Hexachloroethane	13.959	117	86472	49.358	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	219011	49.674	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17264	46.983	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	135328	48.819	ug/l	99
94) Hexachlorobutadiene	15.111	225	69592	45.676	ug/l	99
95) Naphthalene	15.239	128	292215	50.540	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	118594	48.609	ug/l	99

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QLast Update : Thu Jun 16 02:54:06 2022
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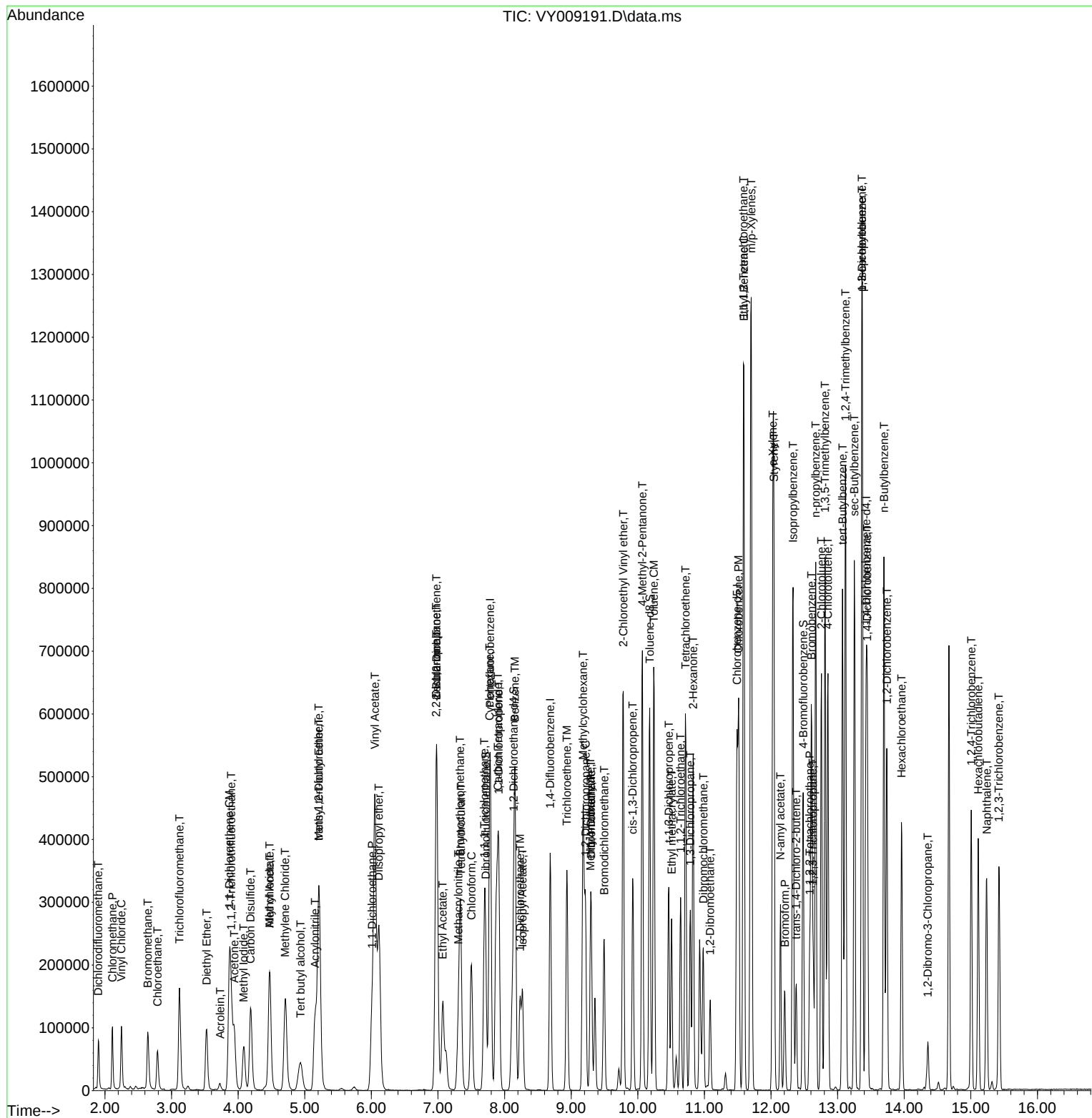
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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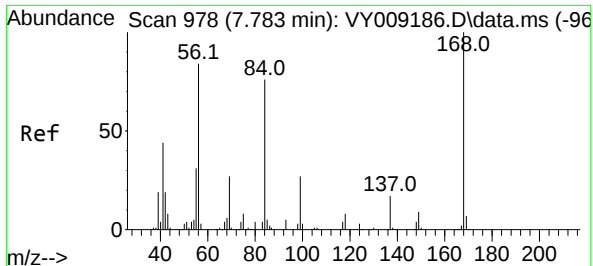
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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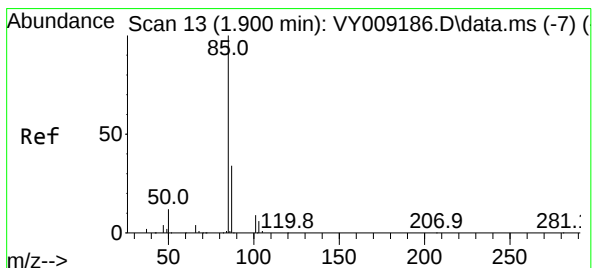
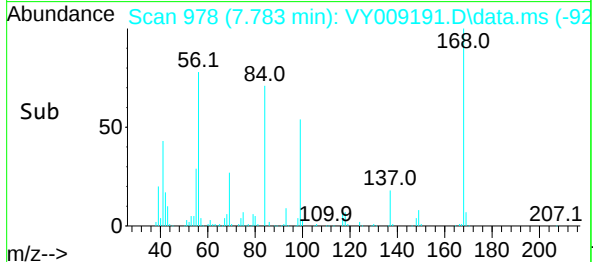
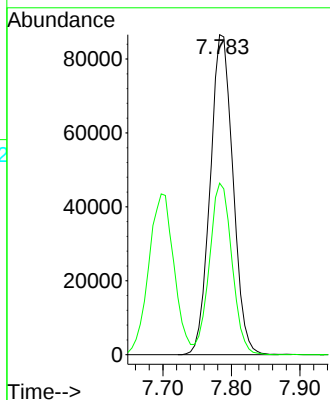
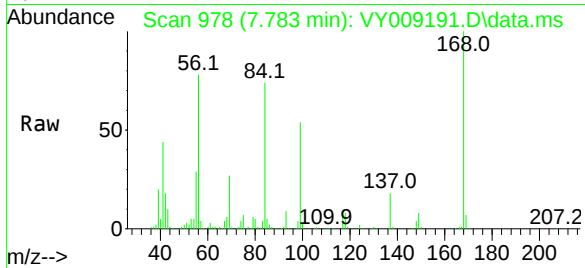




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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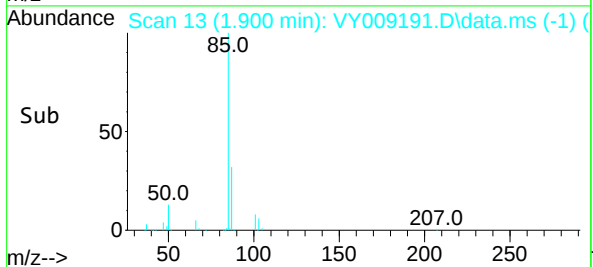
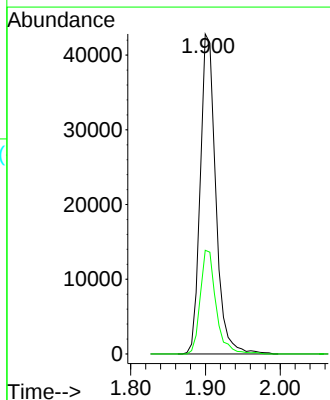
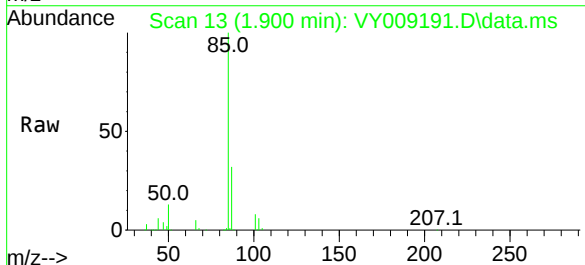
Instrument :
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ClientSampleId :
VSTDCCC050

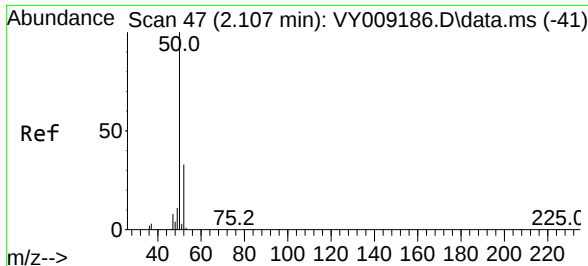
Tgt Ion:168 Resp: 199640
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 40.855 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 85 Resp: 61741
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.2

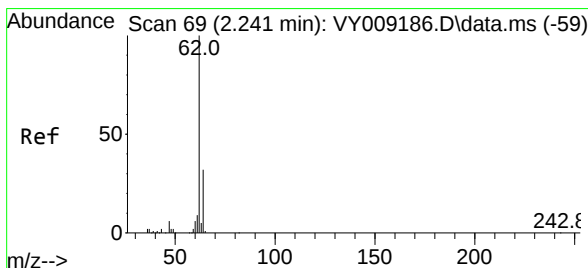
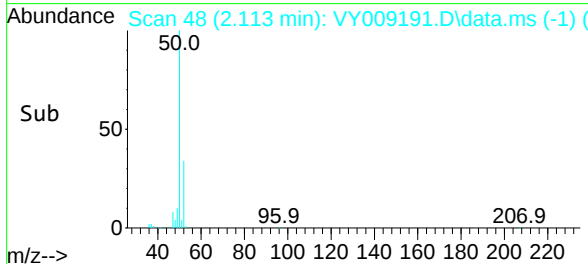
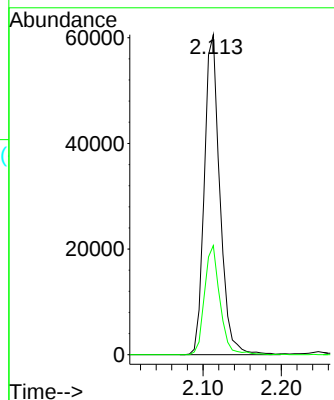
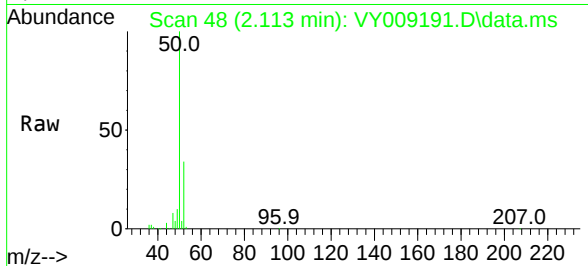




#3
Chloromethane
Concen: 44.634 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

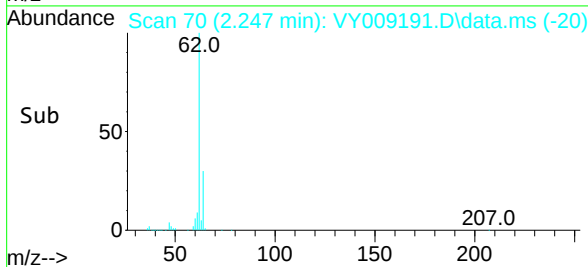
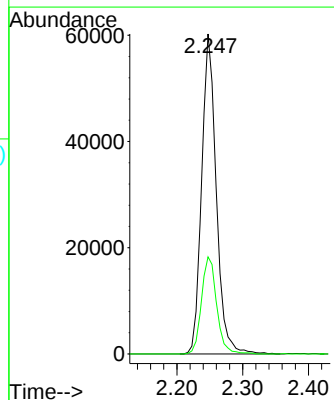
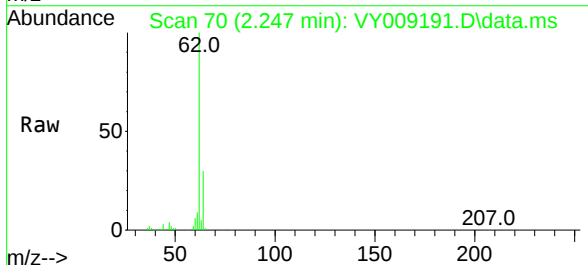
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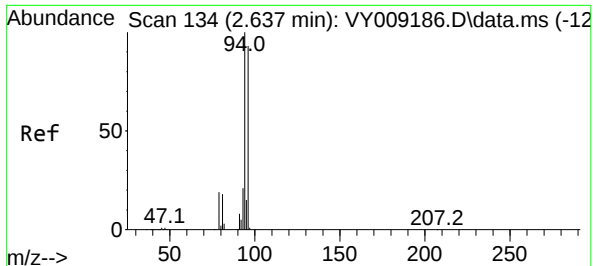
Tgt Ion: 50 Resp: 83568
Ion Ratio Lower Upper
50 100
52 34.1 24.6 37.0



#4
Vinyl Chloride
Concen: 47.282 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 62 Resp: 92924
Ion Ratio Lower Upper
62 100
64 30.4 25.0 37.6

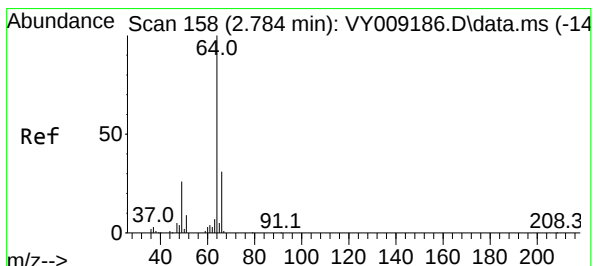
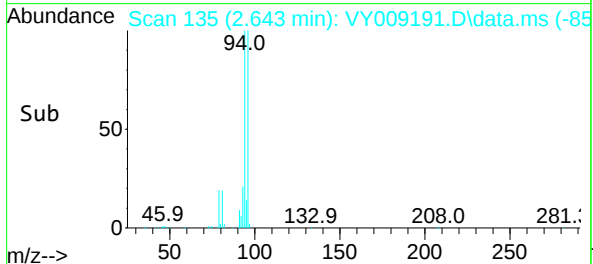
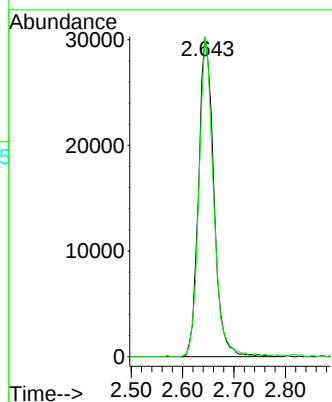
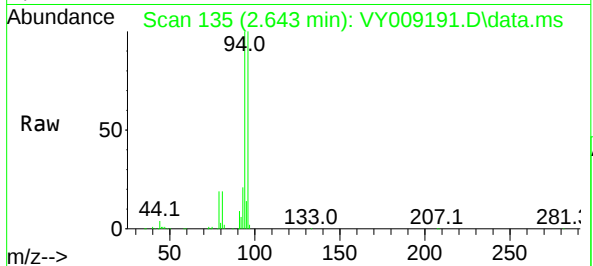




#5
Bromomethane
Concen: 45.143 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009191.D
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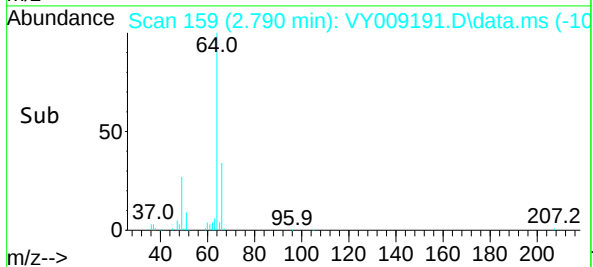
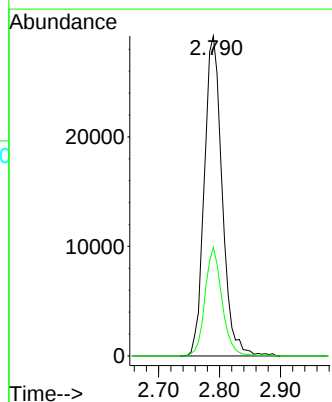
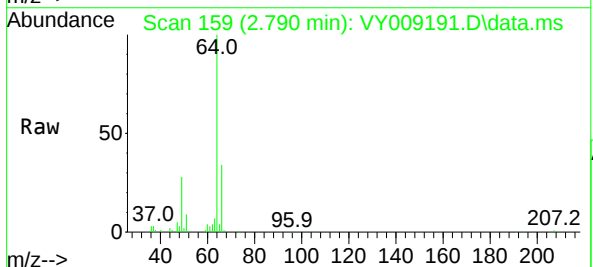
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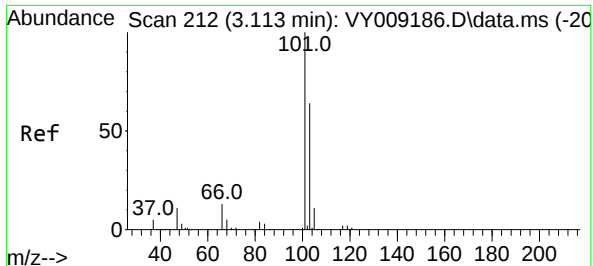
Tgt Ion: 94 Resp: 62328
Ion Ratio Lower Upper
94 100
96 100.1 73.5 110.3



#6
Chloroethane
Concen: 48.377 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 64 Resp: 59494
Ion Ratio Lower Upper
64 100
66 34.0 25.4 38.0

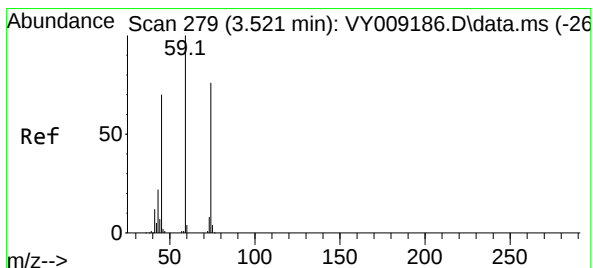
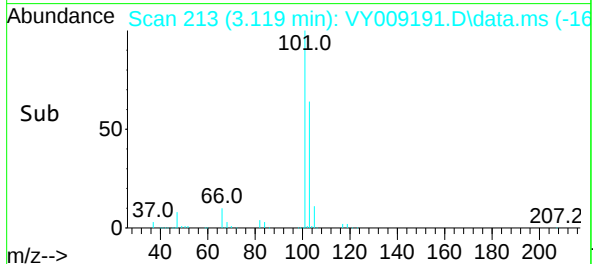
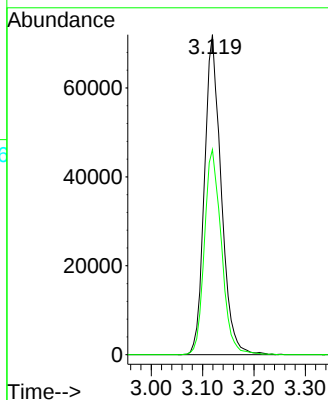
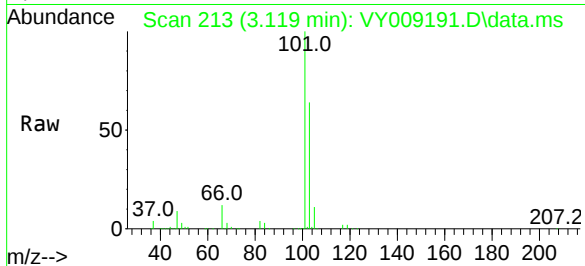




#7
Trichlorofluoromethane
Concen: 51.795 ug/l
RT: 3.119 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

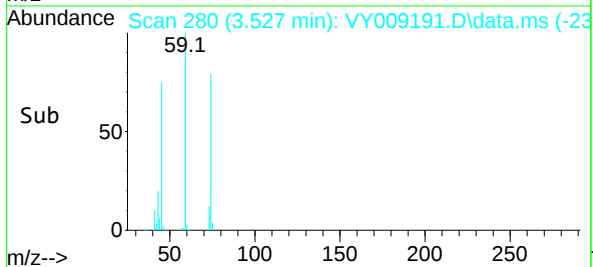
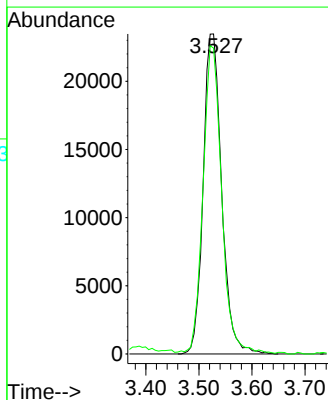
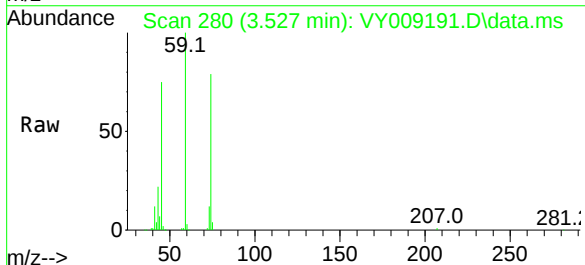
Instrument :
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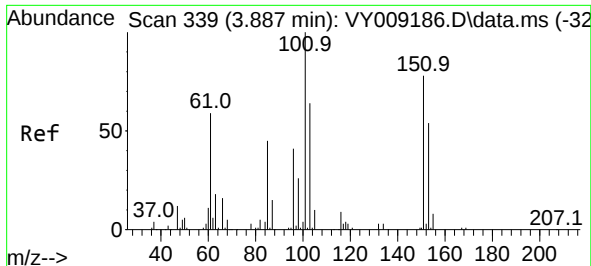
Tgt Ion:101 Resp: 162604
Ion Ratio Lower Upper
101 100
103 64.1 48.0 72.0



#8
Diethyl Ether
Concen: 47.796 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 74 Resp: 56934
Ion Ratio Lower Upper
74 100
45 96.5 55.1 165.5

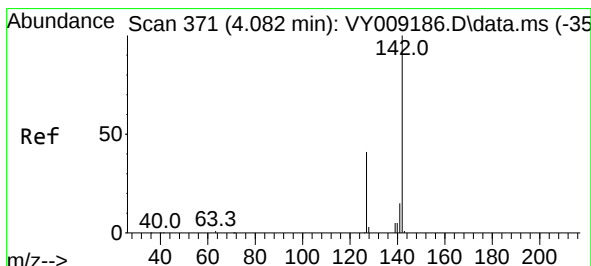
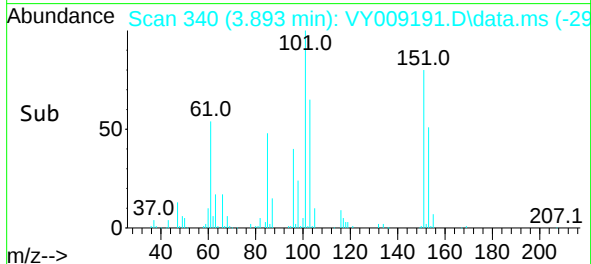
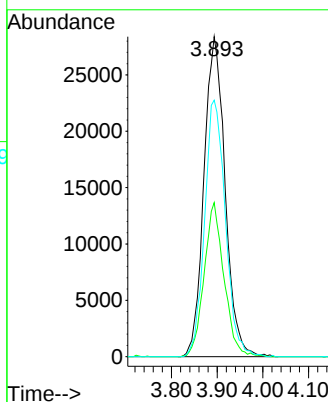
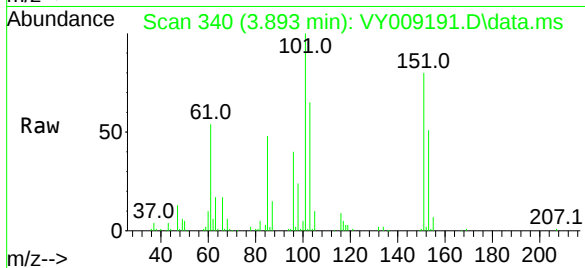




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.337 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

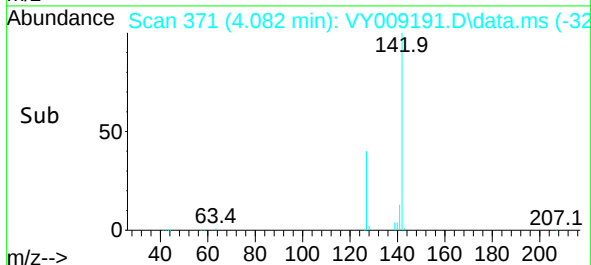
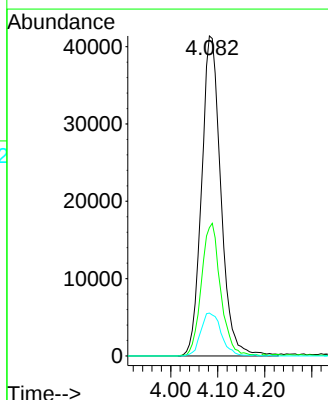
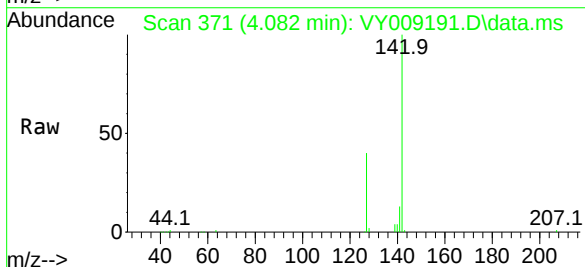
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

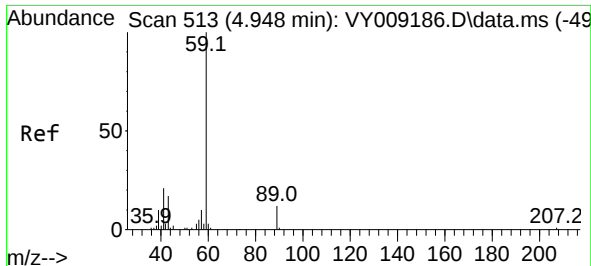
Tgt Ion:101 Resp: 91375
Ion Ratio Lower Upper
101 100
85 45.2 40.6 60.8
151 79.0 64.9 97.3



#10
Methyl Iodide
Concen: 47.855 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion:142 Resp: 118001
Ion Ratio Lower Upper
142 100
127 41.3 41.5 62.3#
141 14.3 11.9 17.9

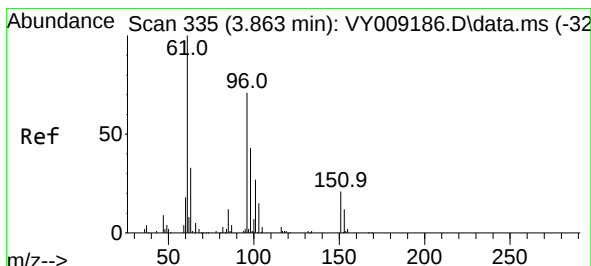
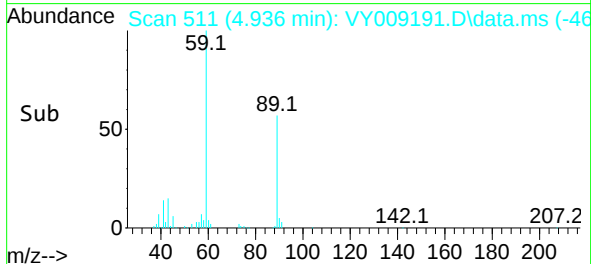
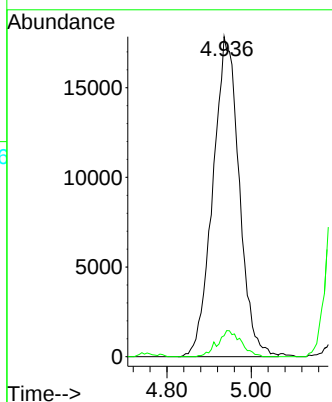
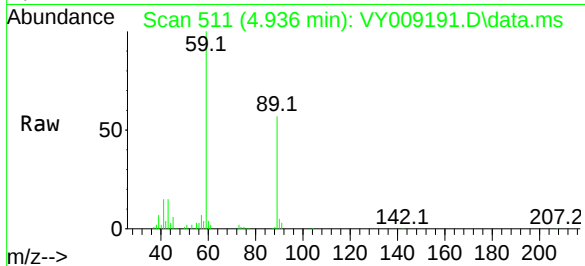




#11
Tert butyl alcohol
Concen: 233.556 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

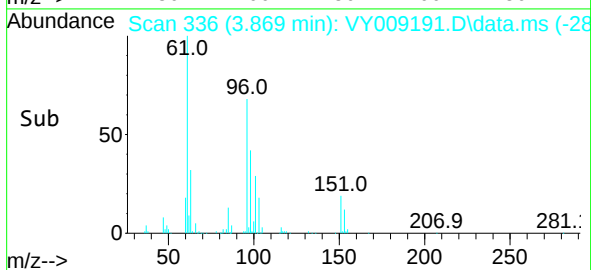
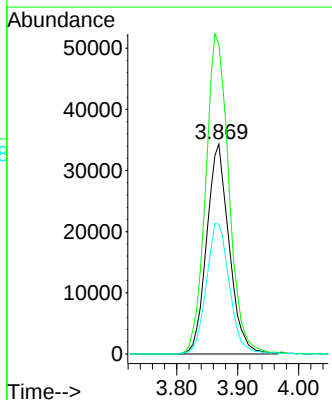
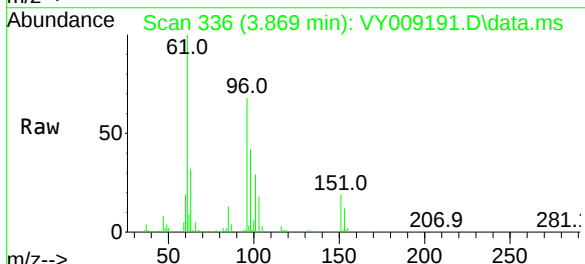
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

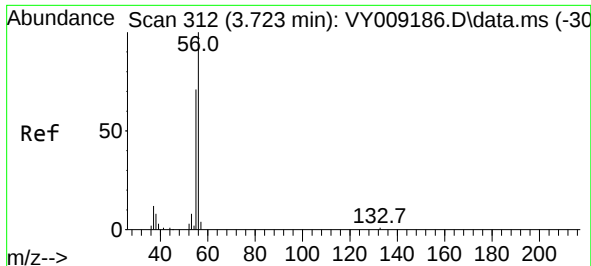
Tgt Ion: 59 Resp: 77273
Ion Ratio Lower Upper
59 100
57 7.3 6.4 9.6



#12
1,1-Dichloroethene
Concen: 46.269 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 96 Resp: 87898
Ion Ratio Lower Upper
96 100
61 147.7 145.8 218.6
98 61.9 52.5 78.7

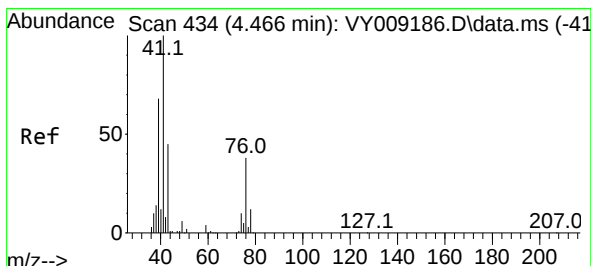
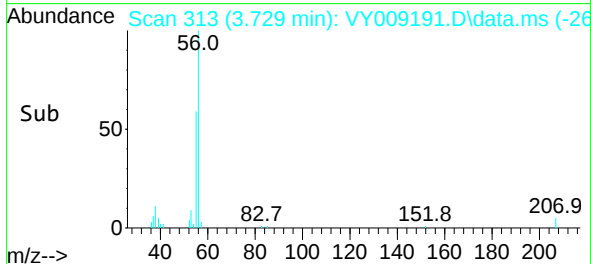
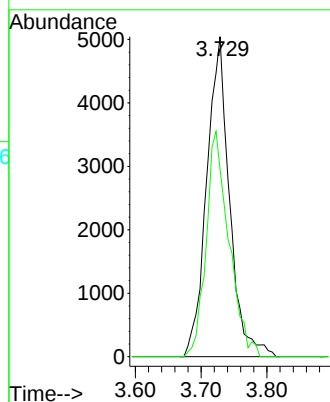
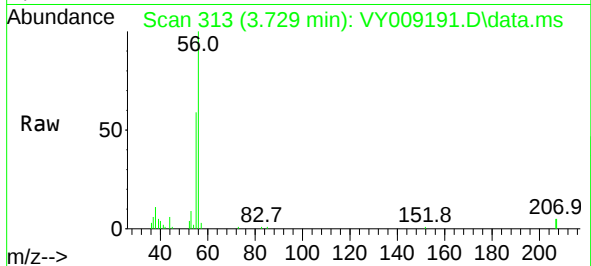




#13
Acrolein
Concen: 207.637 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

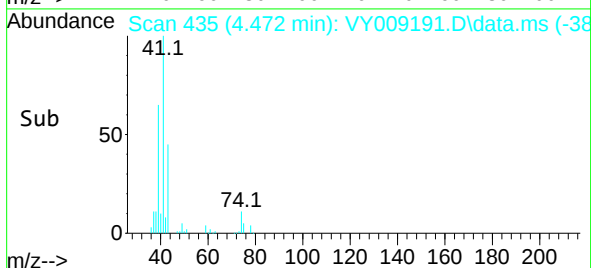
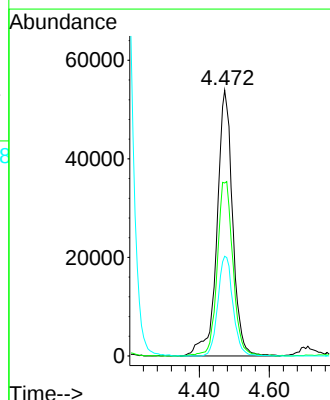
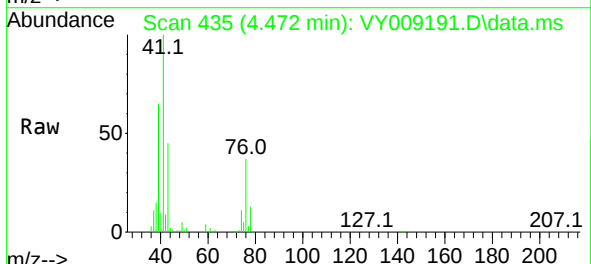
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

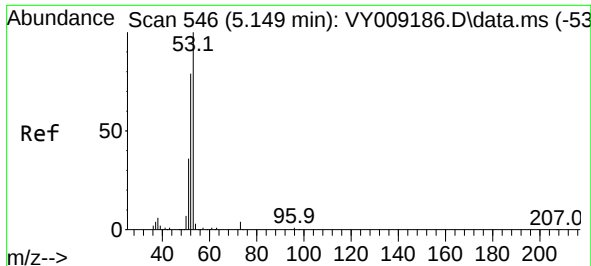
Tgt Ion: 56 Resp: 12159
Ion Ratio Lower Upper
56 100
55 70.4 57.6 86.4



#14
Allyl chloride
Concen: 48.822 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 41 Resp: 167371
Ion Ratio Lower Upper
41 100
39 65.9 58.8 88.2
76 36.1 25.1 37.7

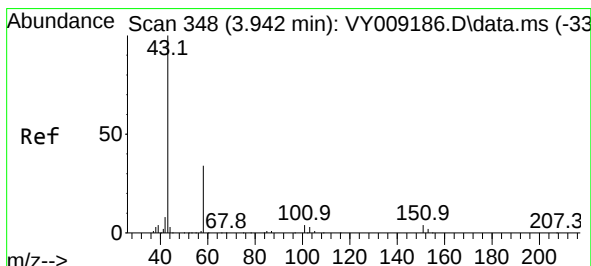
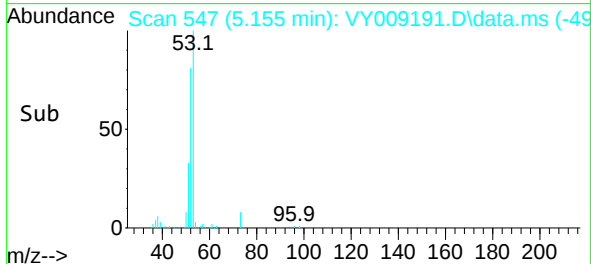
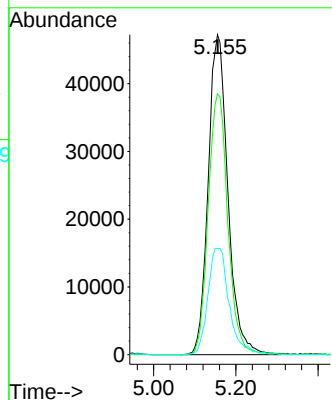
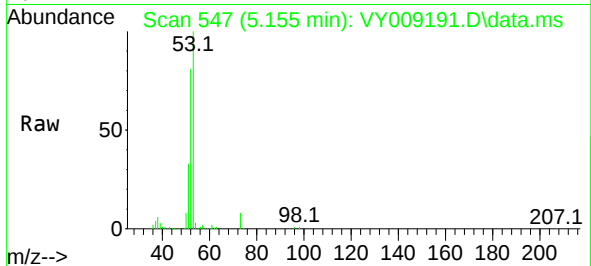




#15
Acrylonitrile
Concen: 246.532 ug/l
RT: 5.155 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

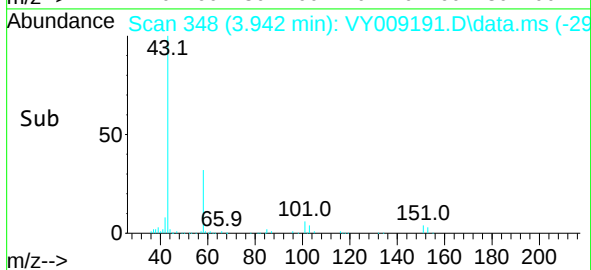
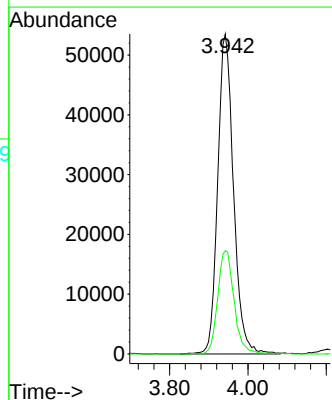
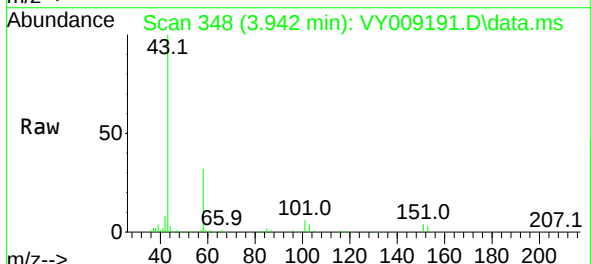
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

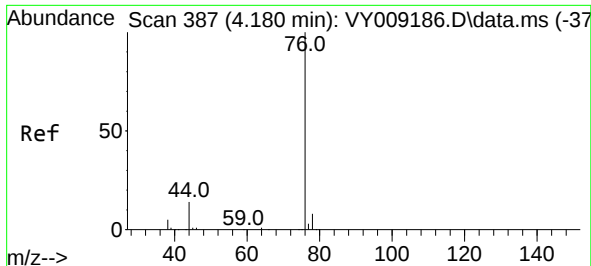
Tgt Ion: 53 Resp: 157069
Ion Ratio Lower Upper
53 100
52 81.4 67.0 100.4
51 35.6 29.8 44.6



#16
Acetone
Concen: 285.416 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 43 Resp: 149933
Ion Ratio Lower Upper
43 100
58 32.3 22.0 33.0

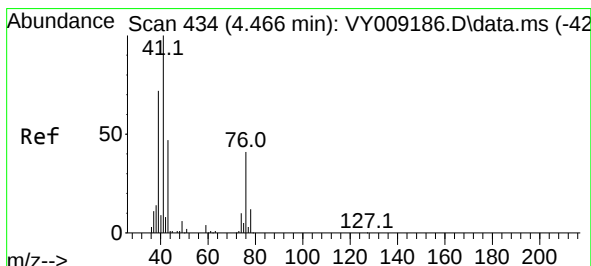
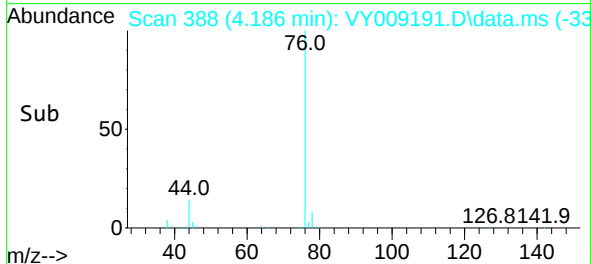
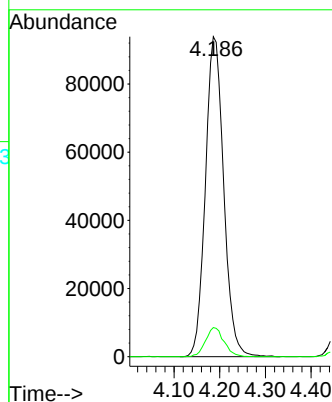
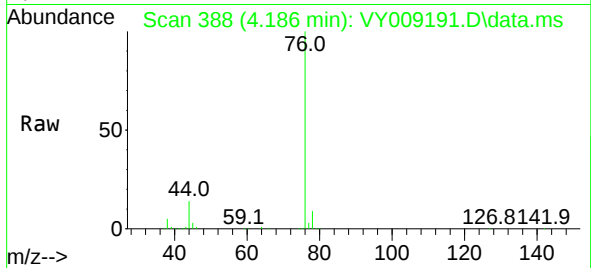




#17
Carbon Disulfide
Concen: 47.477 ug/l
RT: 4.186 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

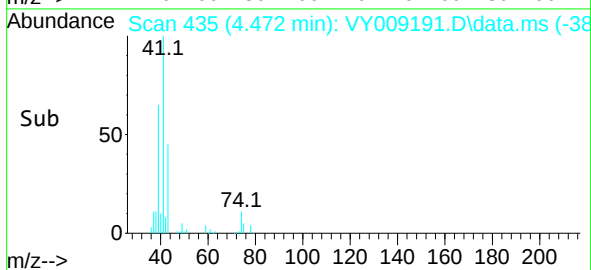
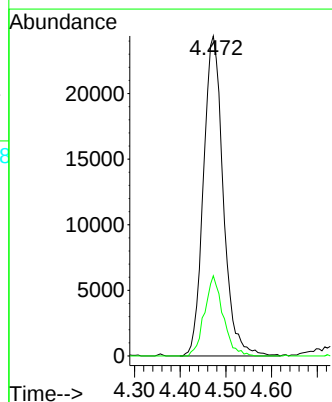
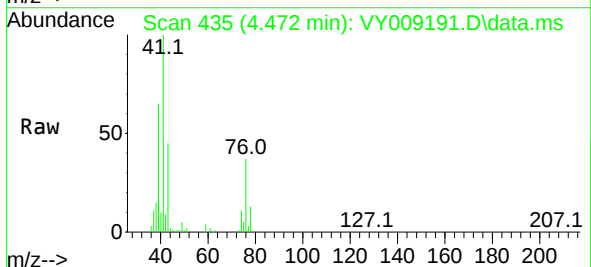
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

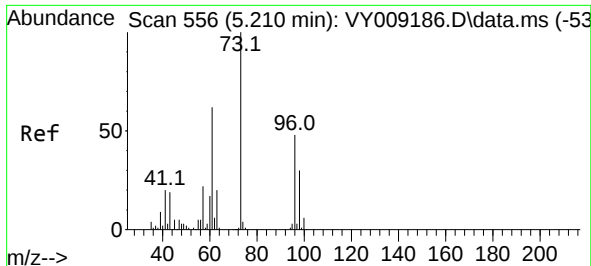
Tgt Ion: 76 Resp: 261107
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 48.152 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 43 Resp: 73233
Ion Ratio Lower Upper
43 100
74 23.5 16.6 24.8

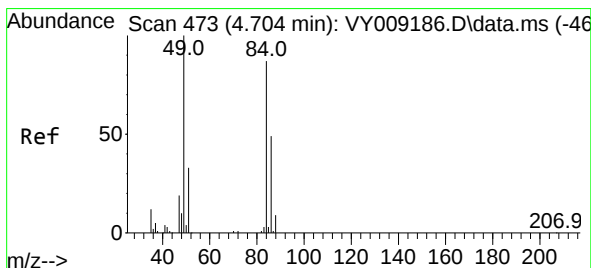
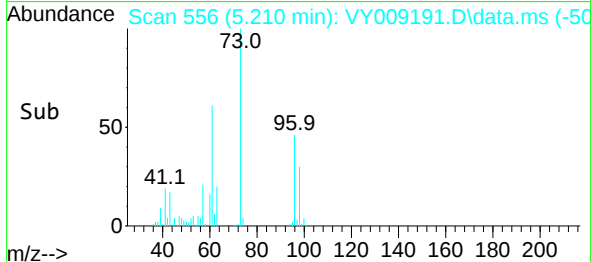
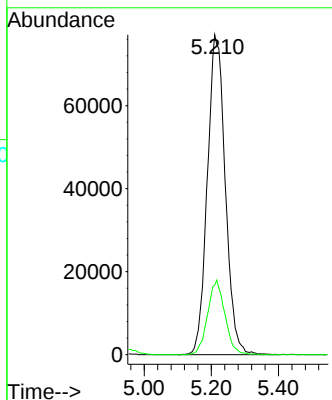
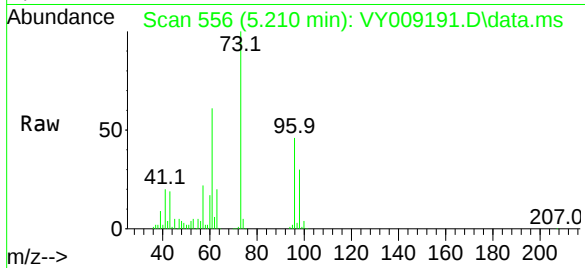




#19
Methyl tert-butyl Ether
Concen: 49.825 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

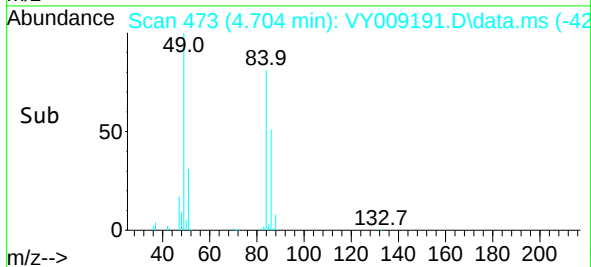
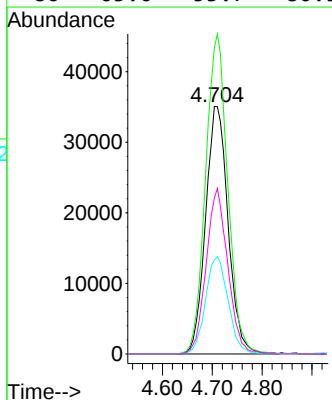
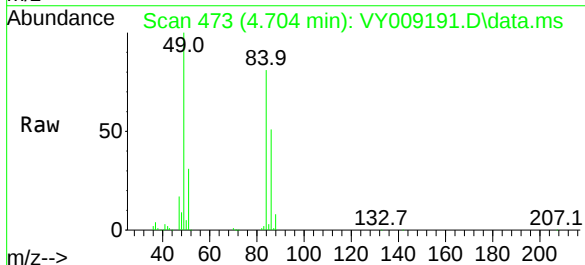
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

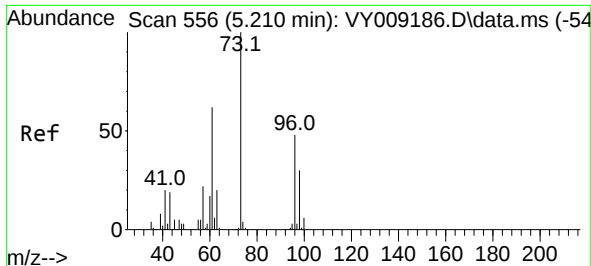
Tgt Ion: 73 Resp: 285589
Ion Ratio Lower Upper
73 100
57 21.8 18.6 27.8



#20
Methylene Chloride
Concen: 46.314 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 84 Resp: 110012
Ion Ratio Lower Upper
84 100
49 123.7 114.4 171.6
51 38.0 35.3 52.9
86 63.0 53.7 80.5

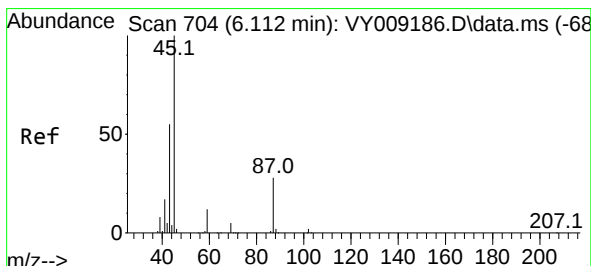
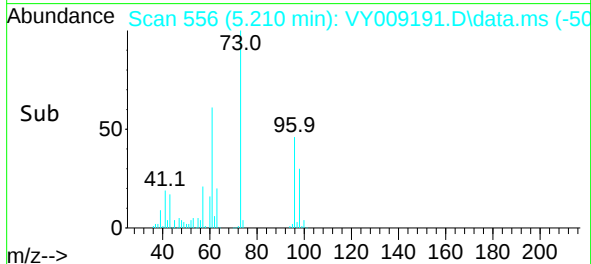
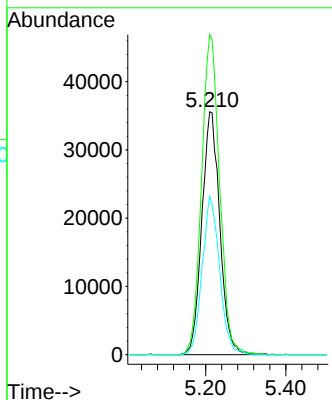
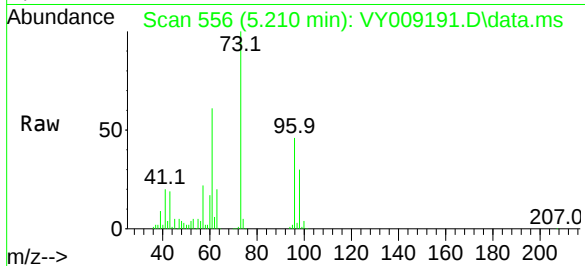




#21
trans-1,2-Dichloroethene
Concen: 49.709 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

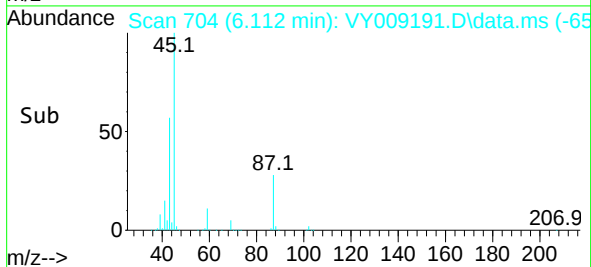
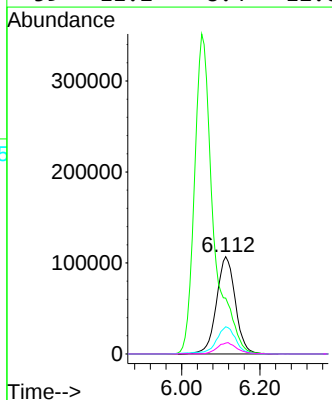
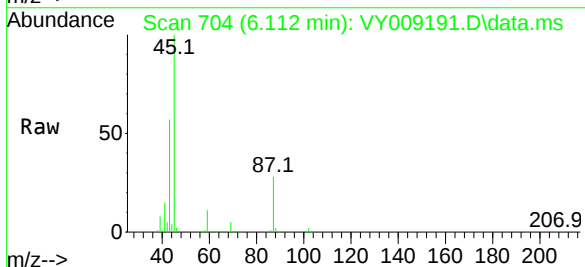
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

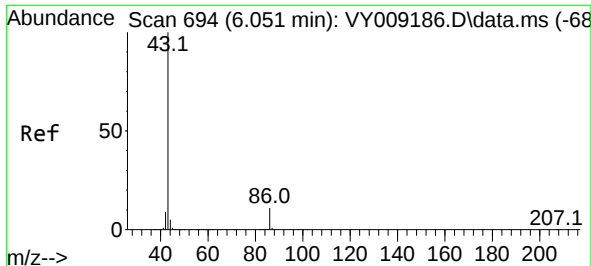
Tgt Ion: 96 Resp: 110650
Ion Ratio Lower Upper
96 100
61 131.8 120.5 180.7
98 65.2 49.8 74.8



#22
Diisopropyl ether
Concen: 50.670 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 45 Resp: 358170
Ion Ratio Lower Upper
45 100
43 57.0 49.3 73.9
87 28.0 19.2 28.8
59 11.2 8.4 12.6

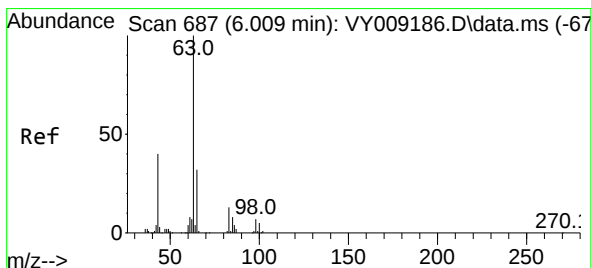
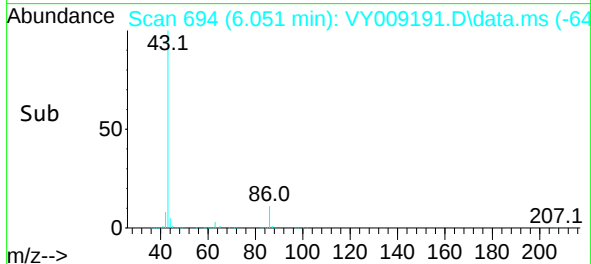
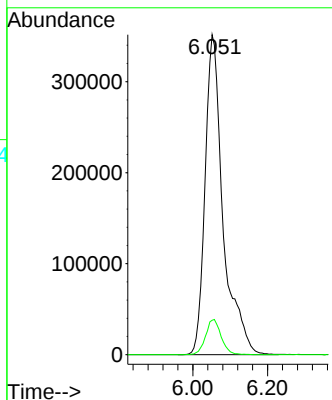
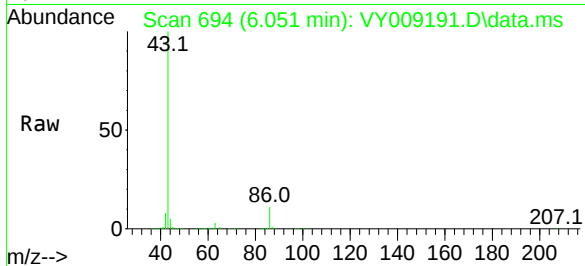




#23
 Vinyl Acetate
 Concen: 264.285 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY009191.D
 Acq: 16 Jun 2022 09:53

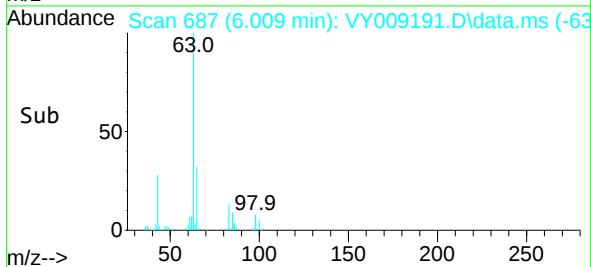
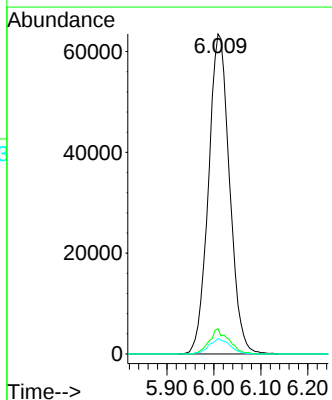
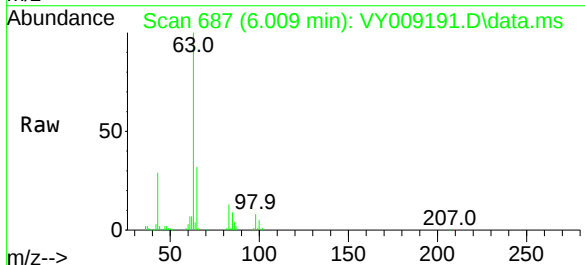
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

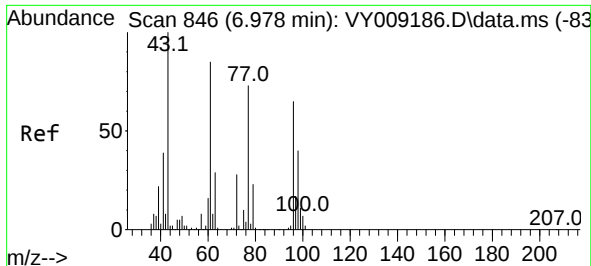
Tgt Ion: 43 Resp: 1175196
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 49.506 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY009191.D
 Acq: 16 Jun 2022 09:53

Tgt Ion: 63 Resp: 197736
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 4.8 2.0 5.8





#25

2-Butanone

Concen: 265.583 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

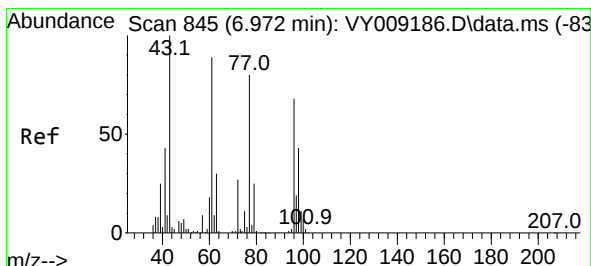
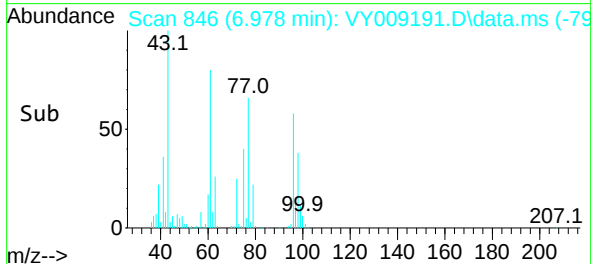
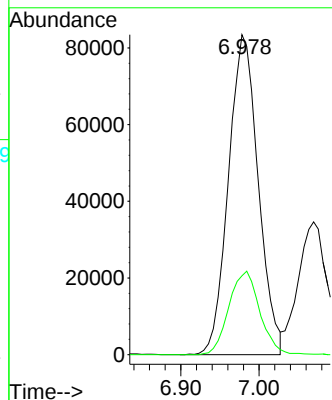
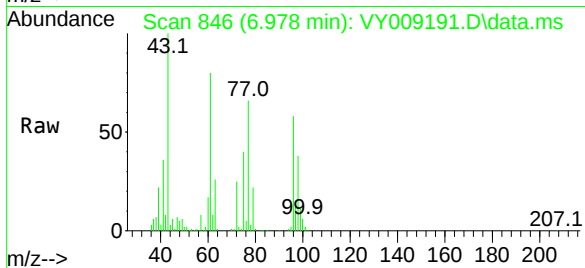
VSTDCCC050

Tgt Ion: 43 Resp: 220768

Ion Ratio Lower Upper

43 100

72 24.7 17.7 26.5



#26

2,2-Dichloropropane

Concen: 49.745 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009191.D

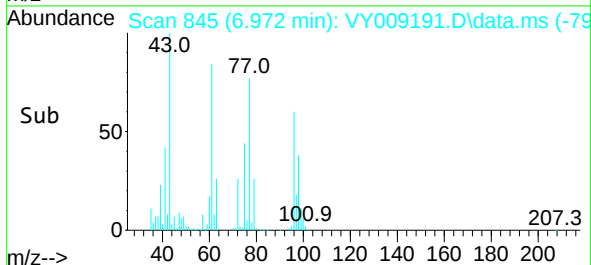
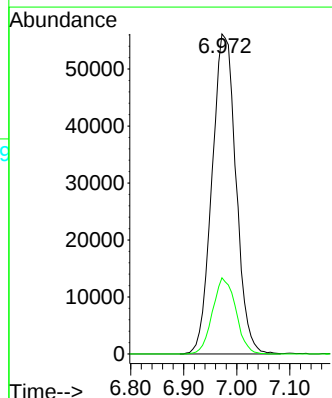
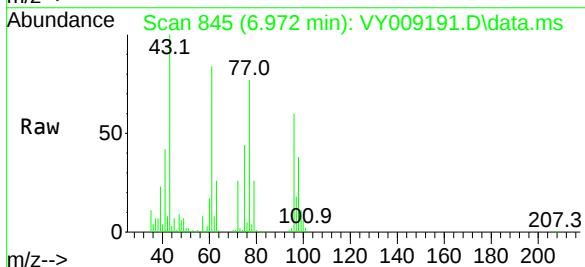
Acq: 16 Jun 2022 09:53

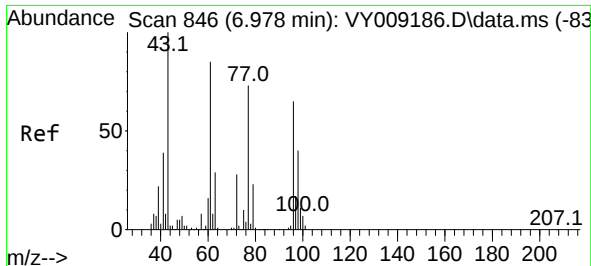
Tgt Ion: 77 Resp: 176051

Ion Ratio Lower Upper

77 100

97 23.1 10.4 31.4

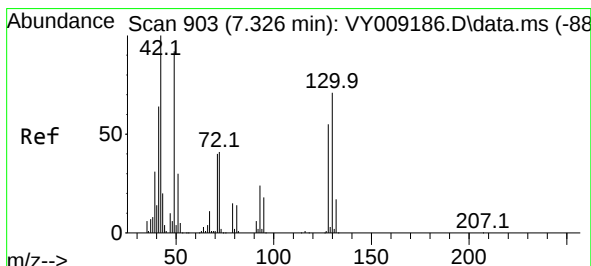
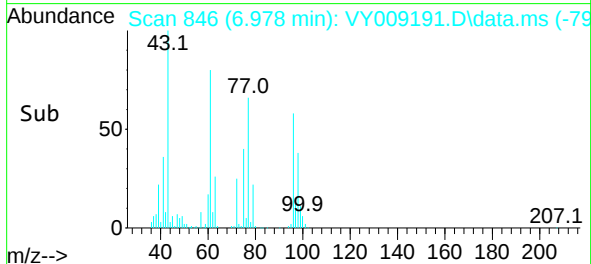
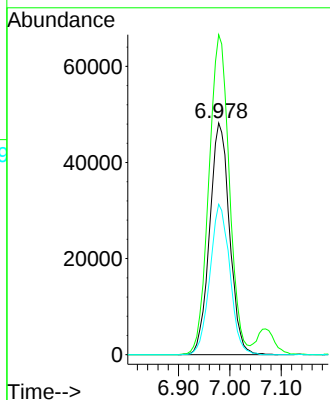
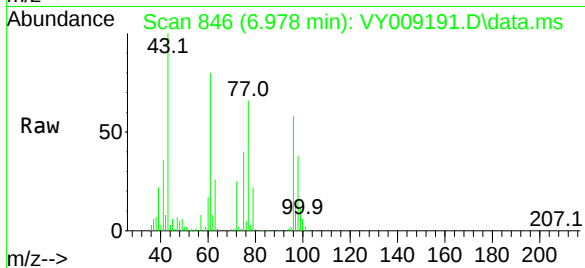




#27
 cis-1,2-Dichloroethene
 Concen: 49.728 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY009191.D
 Acq: 16 Jun 2022 09:53

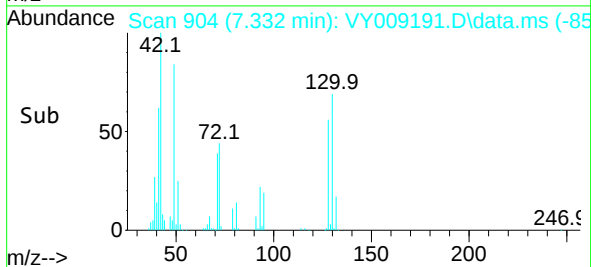
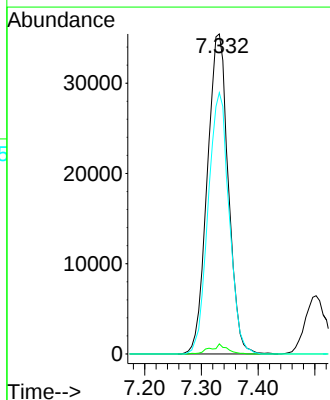
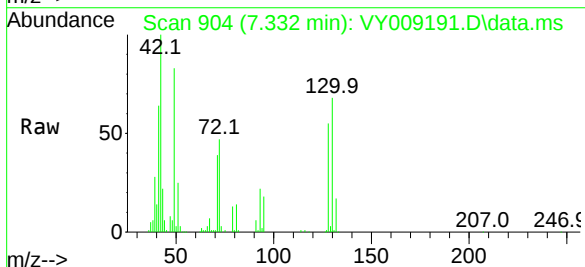
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

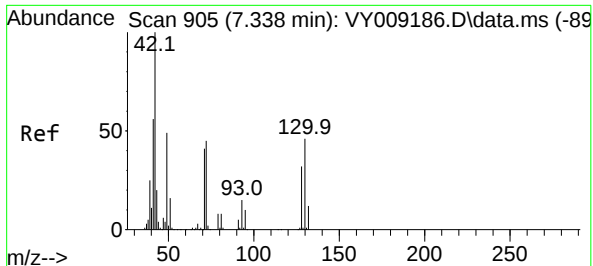
Tgt Ion: 96 Resp: 129822
 Ion Ratio Lower Upper
 96 100
 61 141.5 0.0 319.8
 98 64.9 0.0 127.0



#28
 Bromochloromethane
 Concen: 53.290 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY009191.D
 Acq: 16 Jun 2022 09:53

Tgt Ion: 49 Resp: 91232
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 2.2#
 130 81.3 55.4 83.0

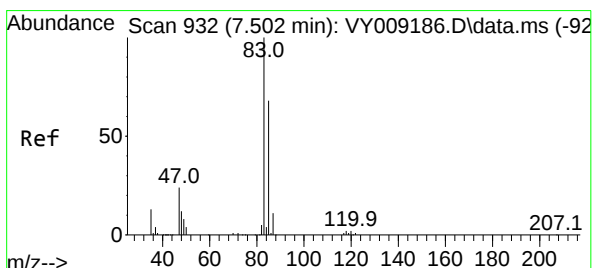
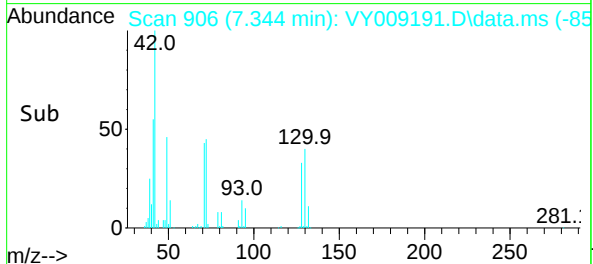
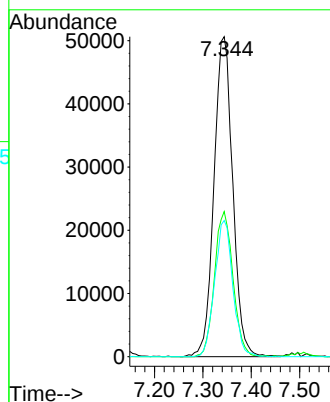
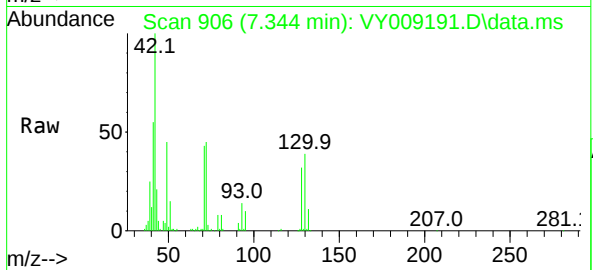




#29
Tetrahydrofuran
Concen: 247.111 ug/l
RT: 7.344 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

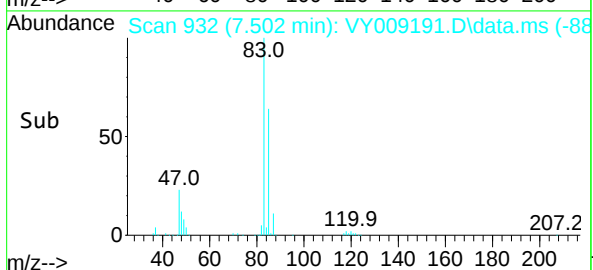
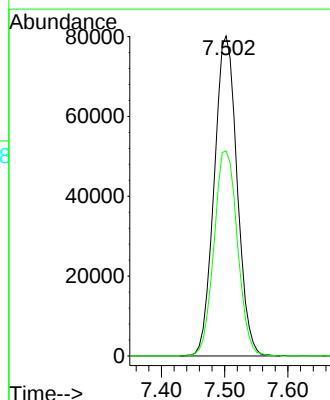
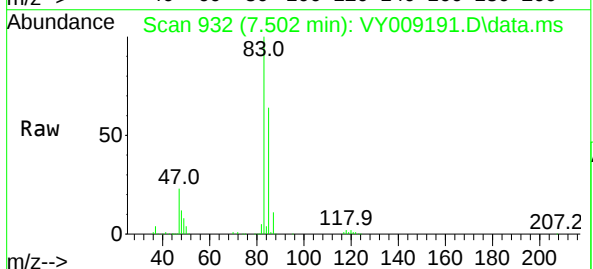
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

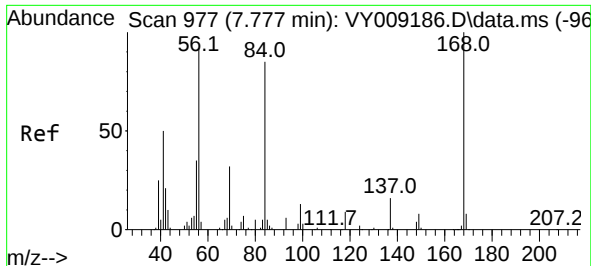
Tgt Ion: 42 Resp: 136390
Ion Ratio Lower Upper
42 100
72 44.9 30.3 45.5
71 41.3 29.0 43.4



#30
Chloroform
Concen: 48.953 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 83 Resp: 201122
Ion Ratio Lower Upper
83 100
85 64.1 51.8 77.6

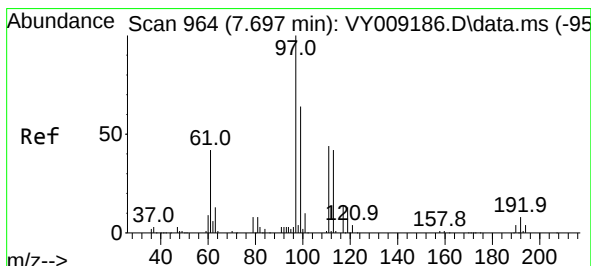
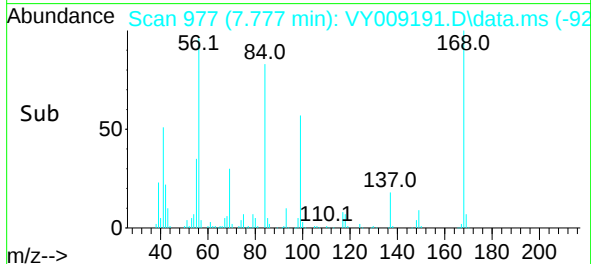
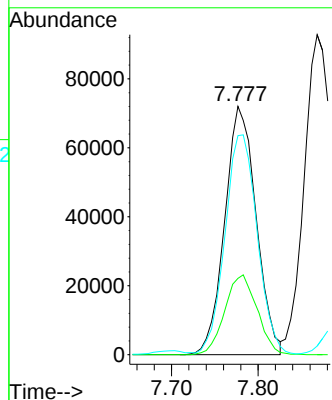
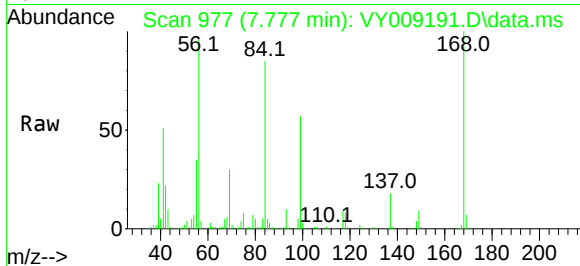




#31
Cyclohexane
Concen: 48.610 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

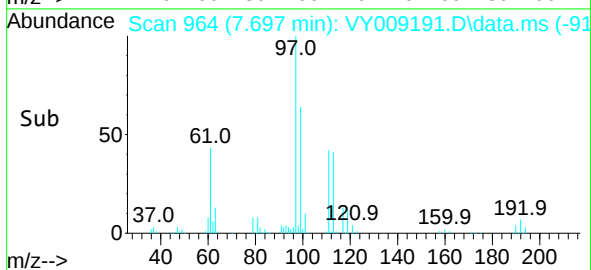
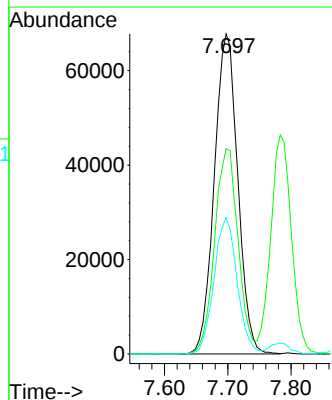
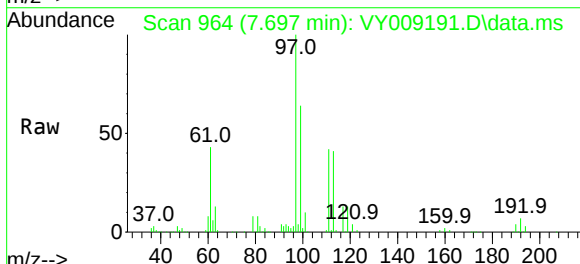
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

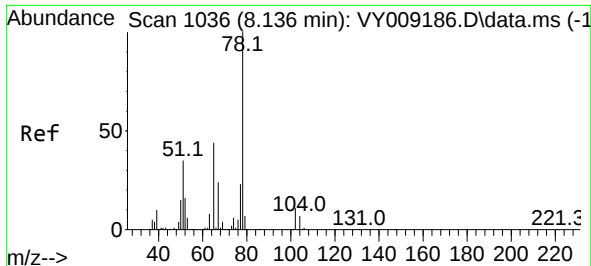
Tgt Ion: 56 Resp: 181588
Ion Ratio Lower Upper
56 100
69 30.8 26.7 40.1
84 86.9 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 48.262 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 97 Resp: 174346
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 42.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 51.342 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

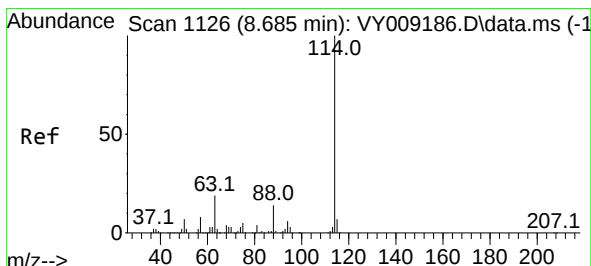
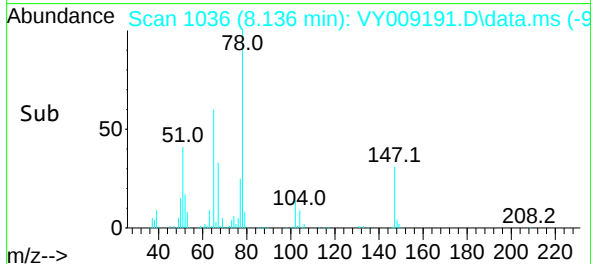
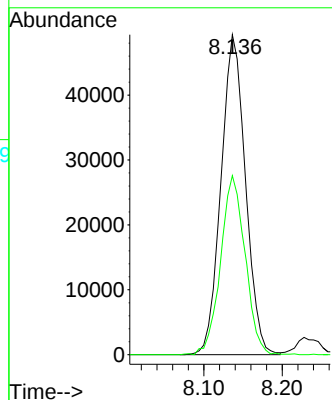
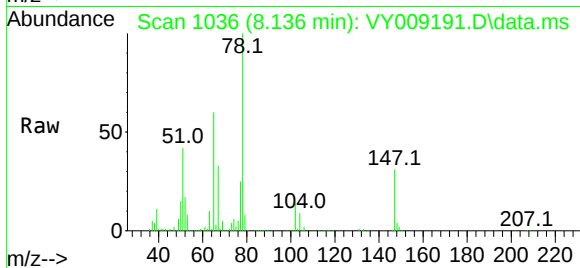
VSTDCCC050

Tgt Ion: 65 Resp: 107070

Ion Ratio Lower Upper

65 100

67 56.0 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: VY009191.D

Acq: 16 Jun 2022 09:53

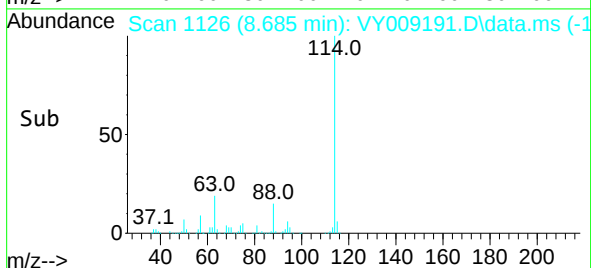
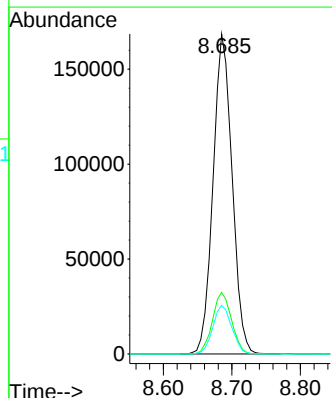
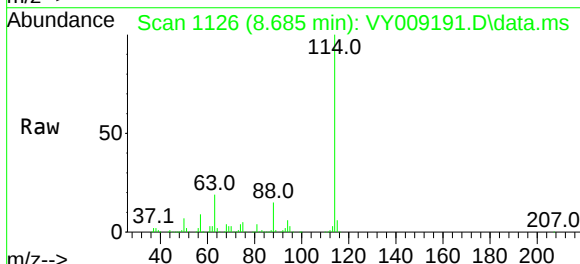
Tgt Ion: 114 Resp: 324665

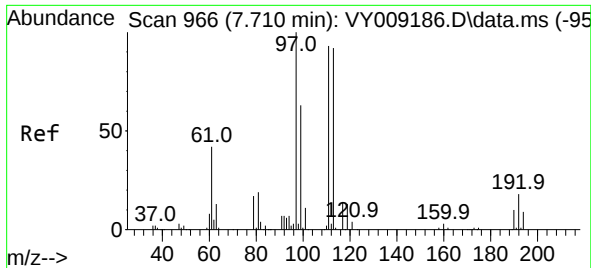
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.2 0.0 31.8

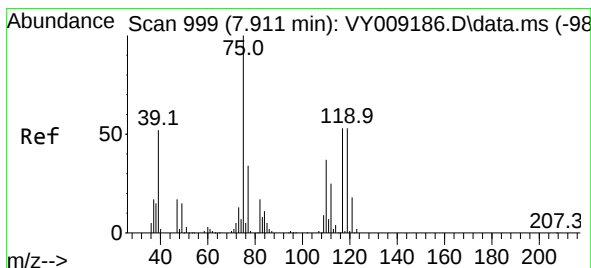
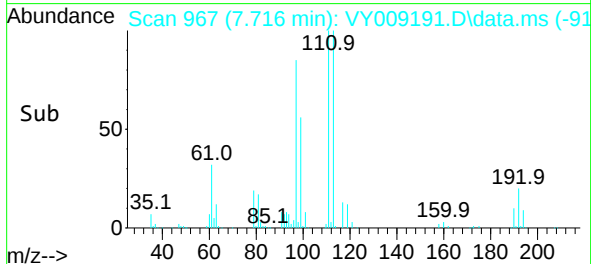
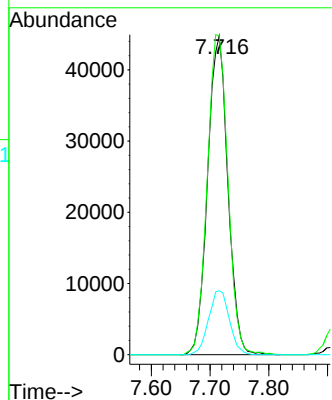
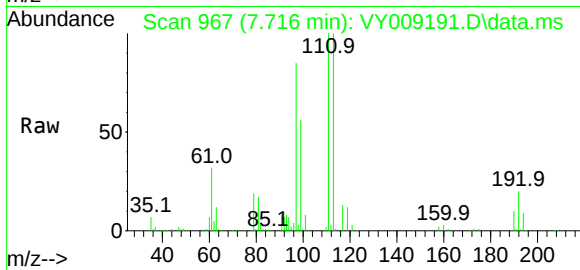




#35
Dibromofluoromethane
Concen: 52.587 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

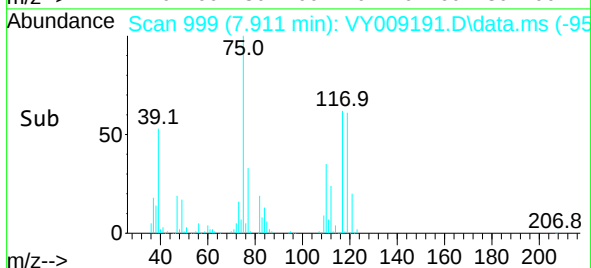
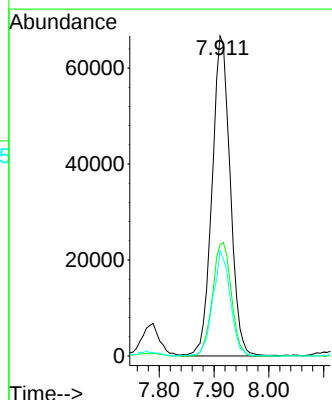
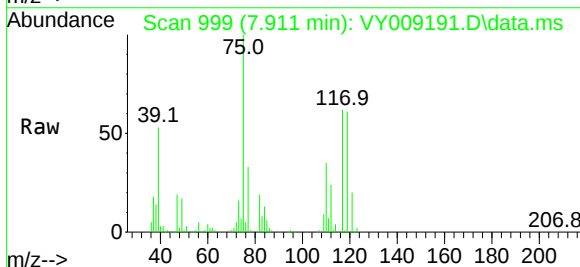
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

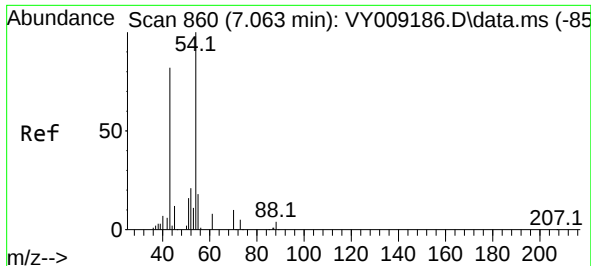
Tgt Ion:113 Resp: 107042
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 20.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 48.972 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 75 Resp: 153341
Ion Ratio Lower Upper
75 100
110 36.5 17.1 51.2
77 31.5 24.4 36.6

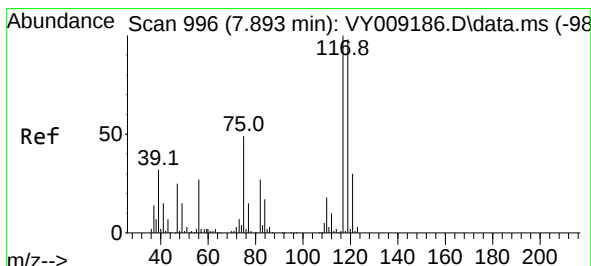
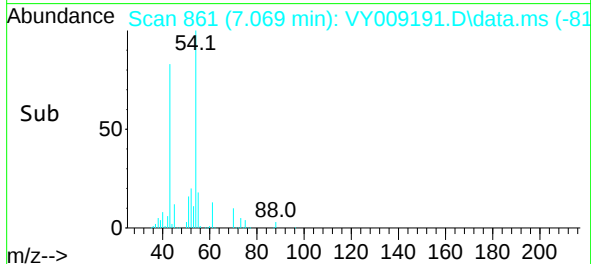
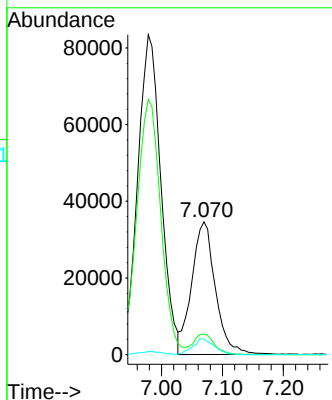
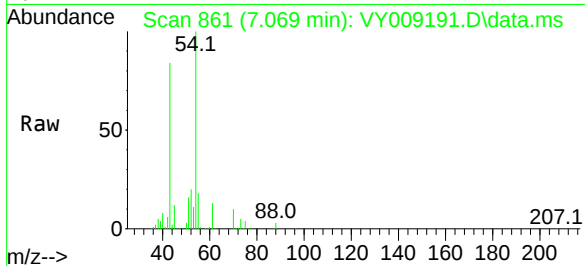




#37
Ethyl Acetate
Concen: 50.115 ug/l
RT: 7.069 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

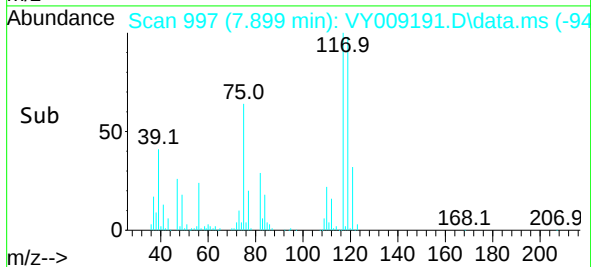
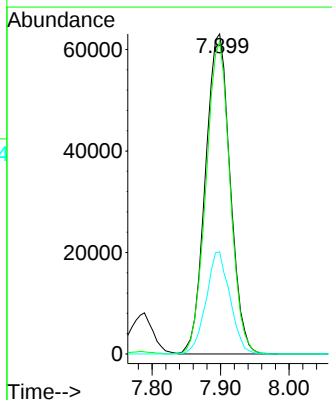
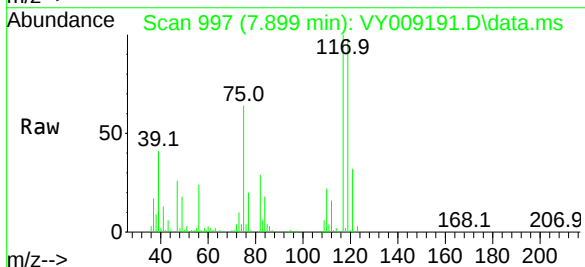
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

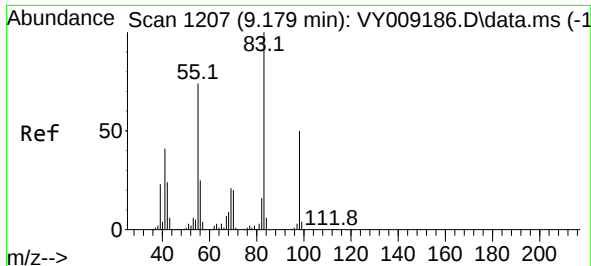
Tgt Ion: 43 Resp: 93378
Ion Ratio Lower Upper
43 100
61 14.1 9.7 14.5
70 10.9 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 48.835 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 117 Resp: 158114
Ion Ratio Lower Upper
117 100
119 97.7 77.9 116.9
121 32.0 24.8 37.2

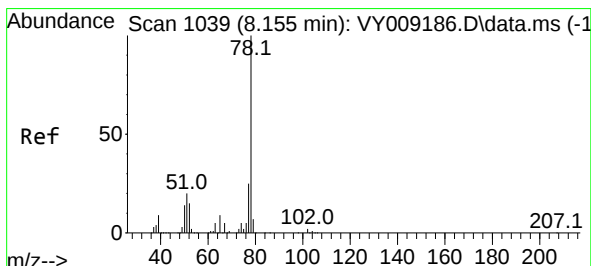
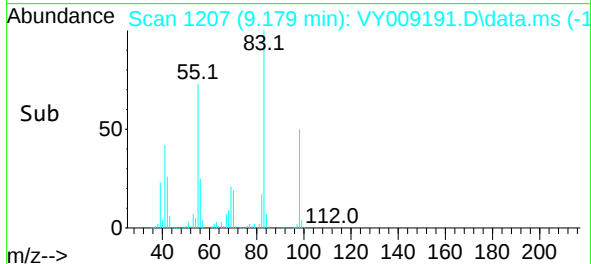
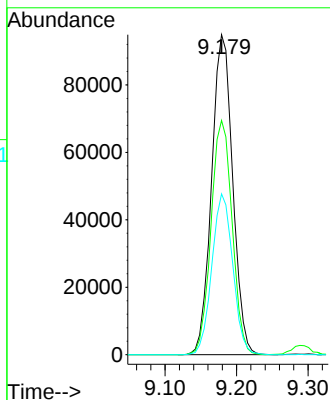
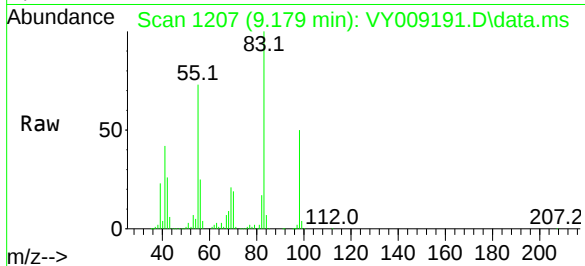




#39
Methylcyclohexane
Concen: 51.504 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

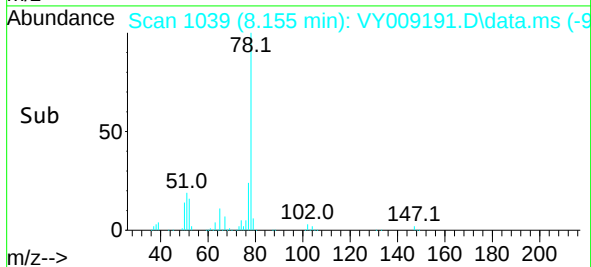
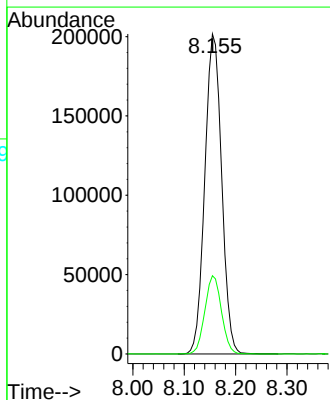
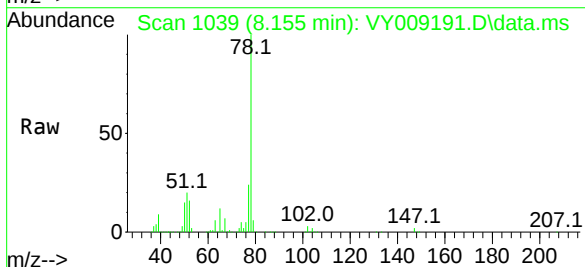
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

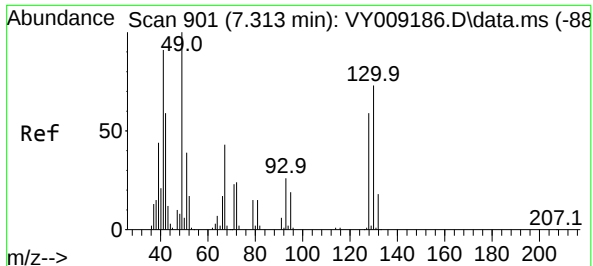
Tgt Ion: 83 Resp: 194423
Ion Ratio Lower Upper
83 100
55 73.2 66.5 99.7
98 50.3 37.9 56.9



#40
Benzene
Concen: 50.130 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 78 Resp: 458372
Ion Ratio Lower Upper
78 100
77 24.4 20.4 30.6

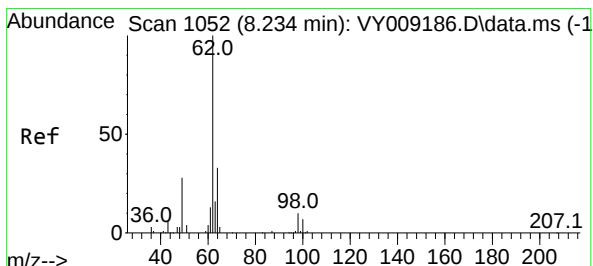
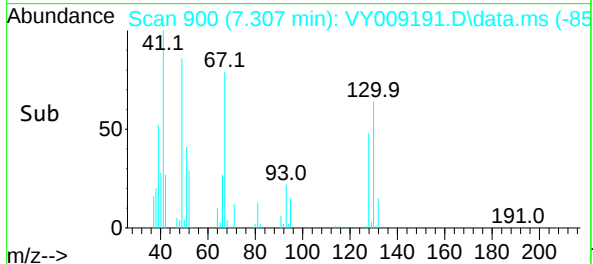
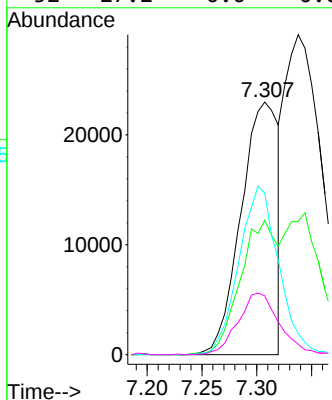
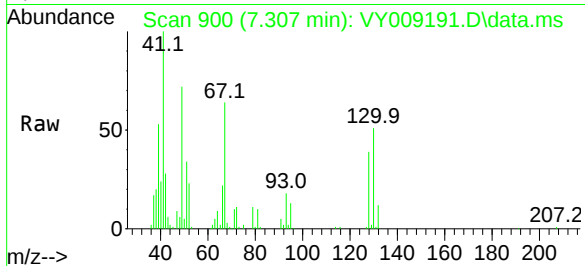




#41
Methacrylonitrile
Concen: 52.132 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

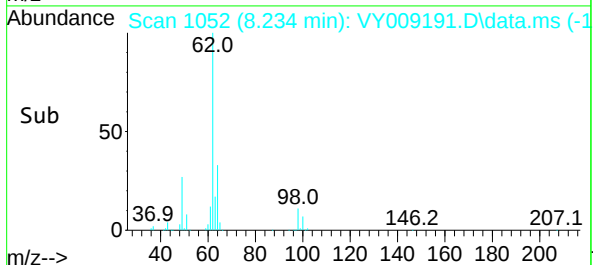
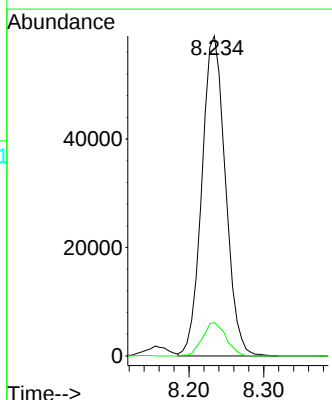
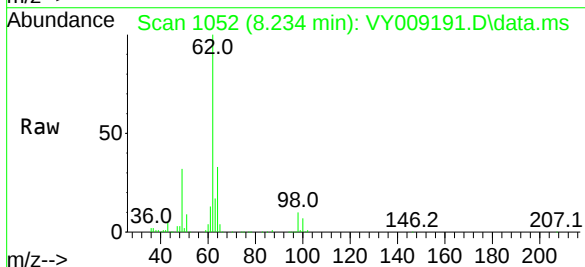
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

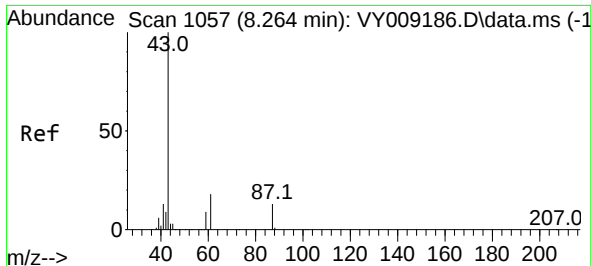
Tgt Ion: 41 Resp: 54330
Ion Ratio Lower Upper
41 100
39 52.5 92.9 139.3#
67 71.4 0.0 0.0#
52 27.2 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 48.447 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 62 Resp: 129192
Ion Ratio Lower Upper
62 100
98 10.4 0.0 14.8

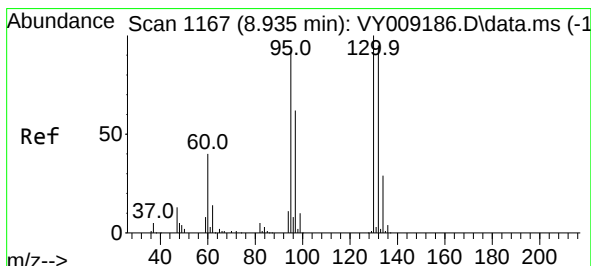
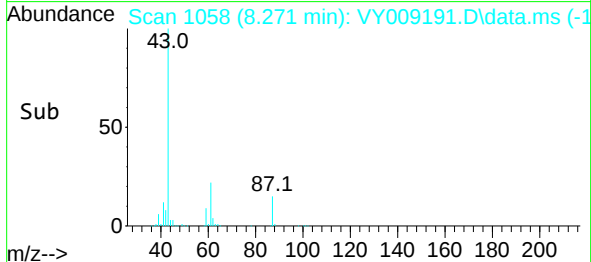
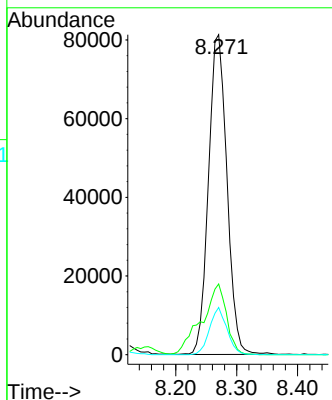
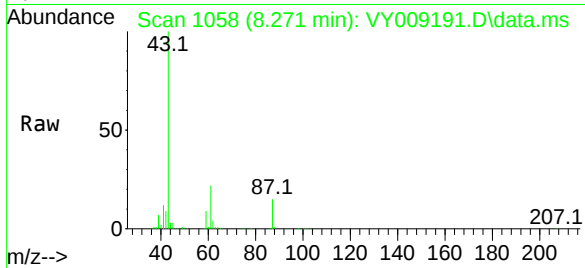




#43
Isopropyl Acetate
Concen: 49.717 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

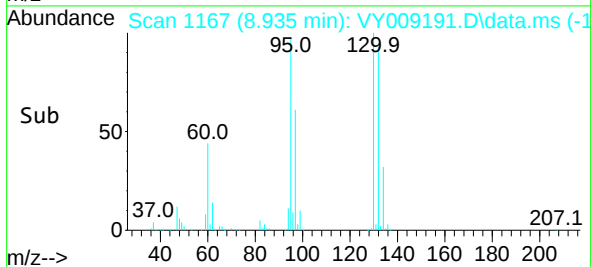
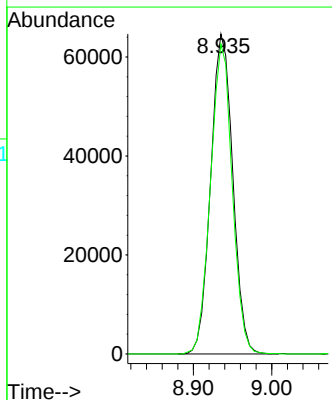
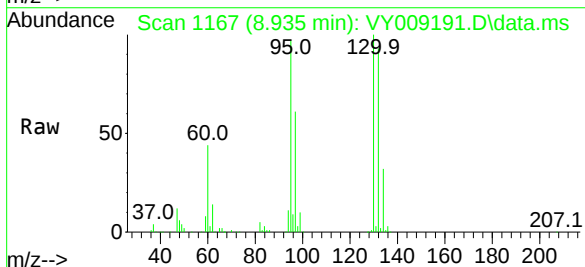
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

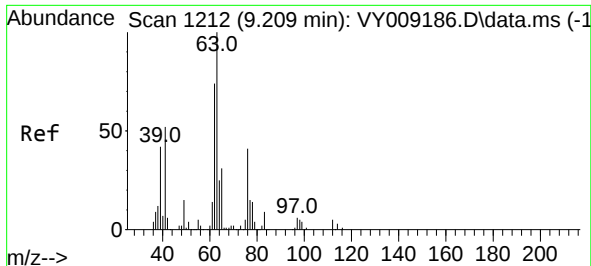
Tgt Ion: 43 Resp: 171340
Ion Ratio Lower Upper
43 100
61 29.6 20.2 30.2
87 14.0 8.9 13.3#



#44
Trichloroethene
Concen: 48.447 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion:130 Resp: 126624
Ion Ratio Lower Upper
130 100
95 96.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 50.058 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

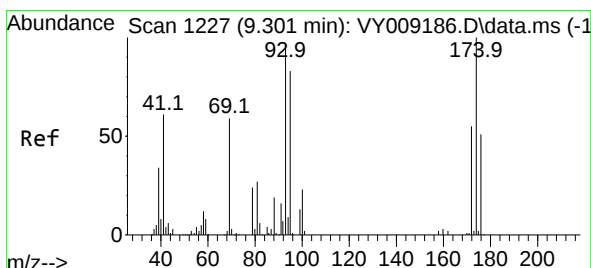
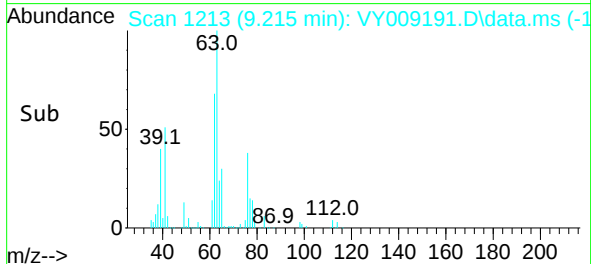
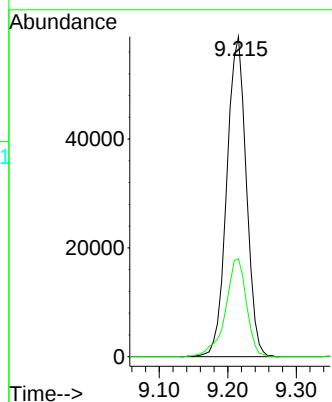
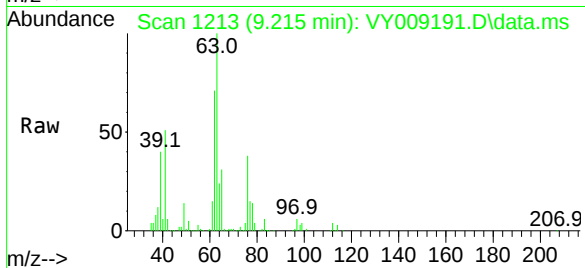
VSTDCCC050

Tgt Ion: 63 Resp: 116021

Ion Ratio Lower Upper

63 100

65 30.6 23.0 34.6



#46

Dibromomethane

Concen: 49.766 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

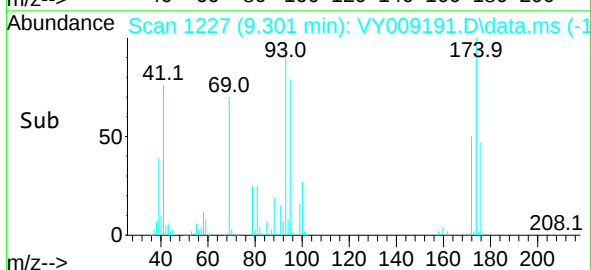
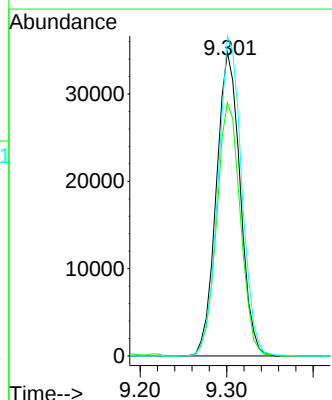
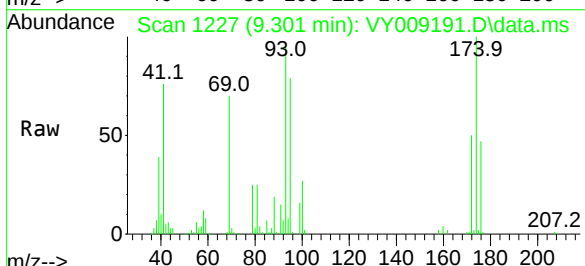
Tgt Ion: 93 Resp: 66349

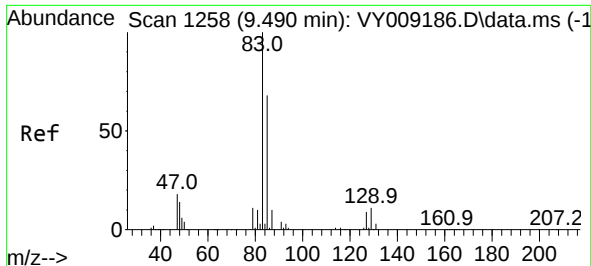
Ion Ratio Lower Upper

93 100

95 82.9 64.3 96.5

174 104.6 83.4 125.0

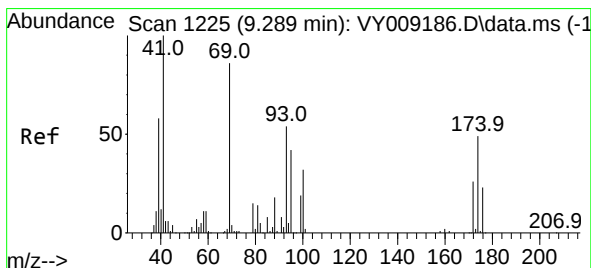
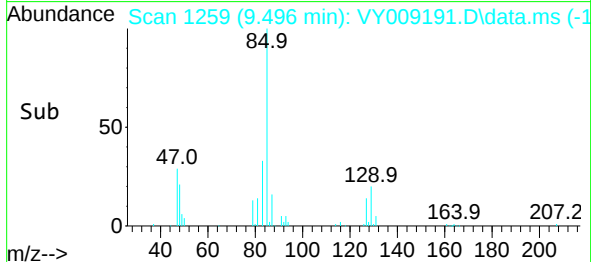
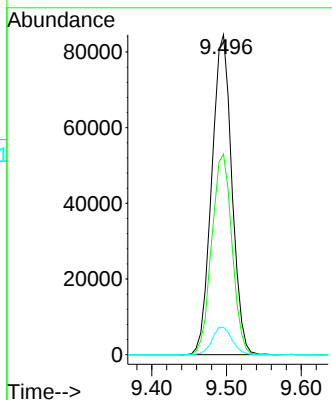
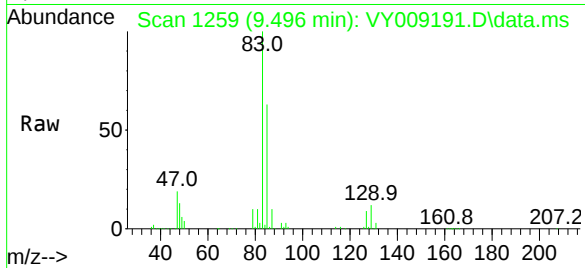




#47
Bromodichloromethane
Concen: 49.706 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

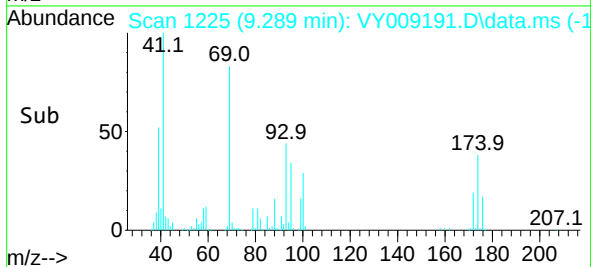
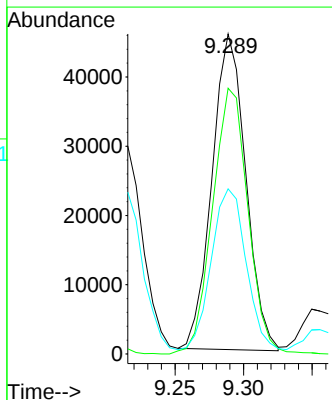
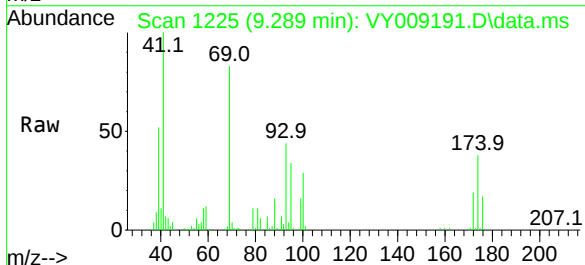
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

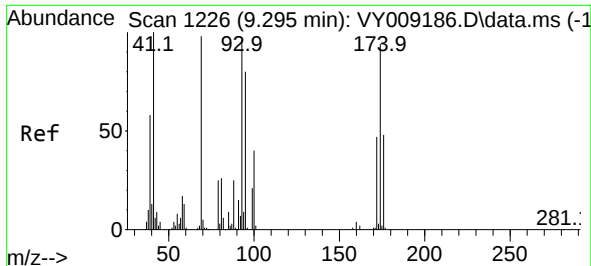
Tgt Ion: 83 Resp: 157946
Ion Ratio Lower Upper
83 100
85 62.7 51.9 77.9
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 50.760 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 41 Resp: 78081
Ion Ratio Lower Upper
41 100
69 88.2 58.2 87.2#
39 52.9 47.4 71.0





#49

1,4-Dioxane

Concen: 1006.393 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

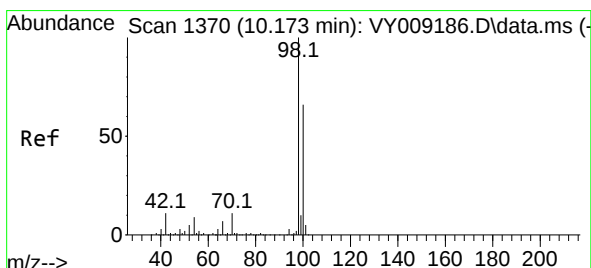
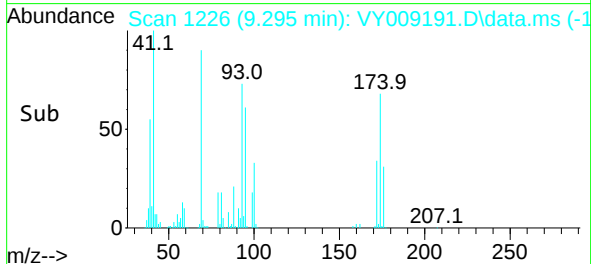
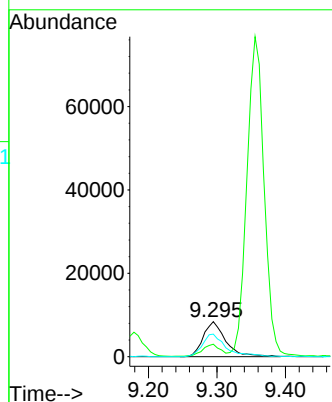
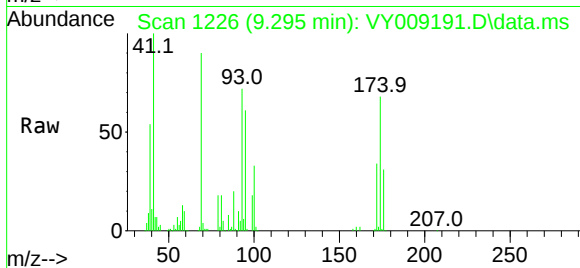
Tgt Ion: 88 Resp: 19086

Ion Ratio Lower Upper

88 100

43 28.0 32.8 49.2#

58 68.7 59.8 89.6



#50

Toluene-d8

Concen: 52.071 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY009191.D

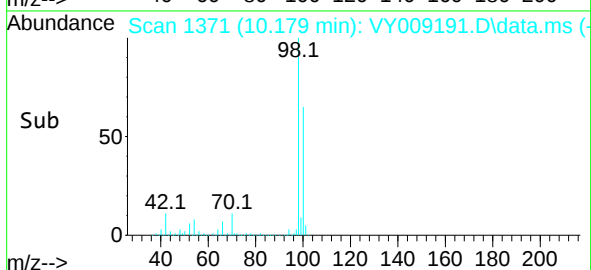
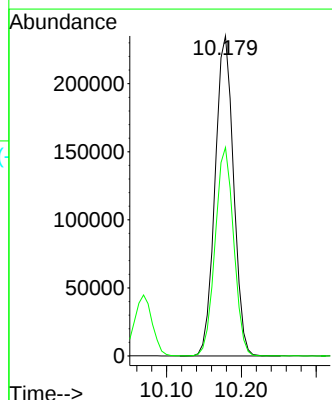
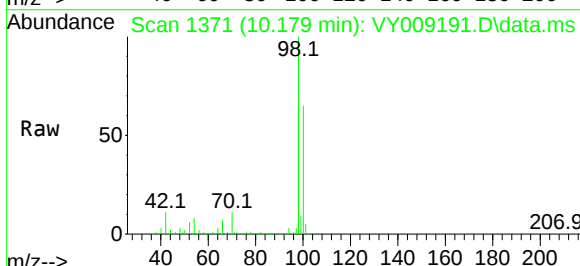
Acq: 16 Jun 2022 09:53

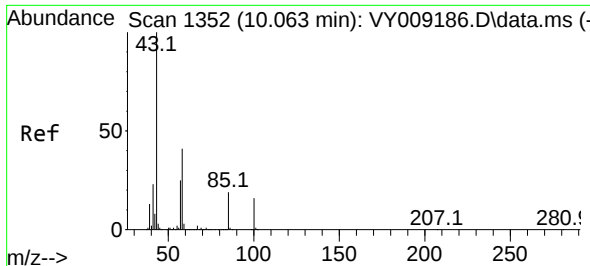
Tgt Ion: 98 Resp: 403476

Ion Ratio Lower Upper

98 100

100 65.3 50.2 75.2

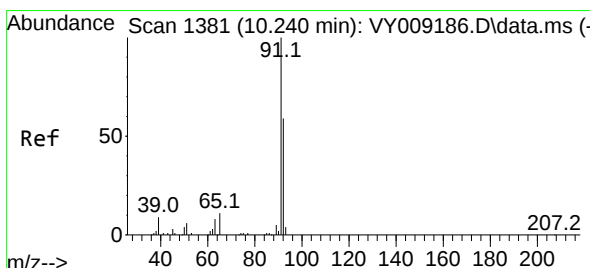
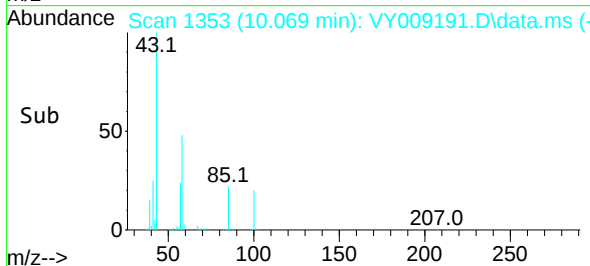
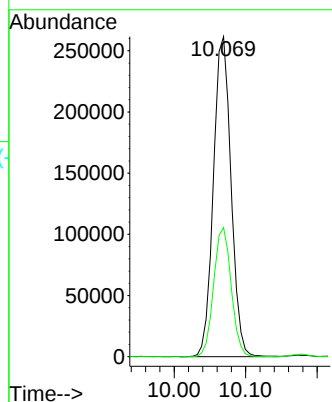
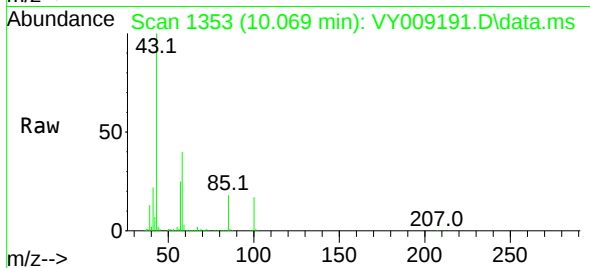




#51
4-Methyl-2-Pentanone
Concen: 247.041 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

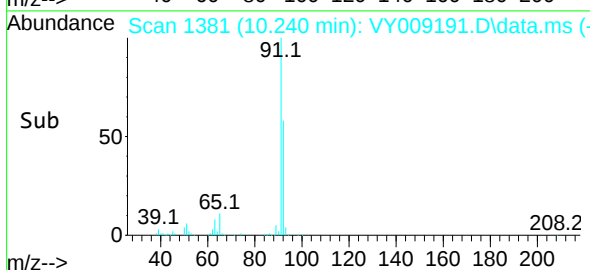
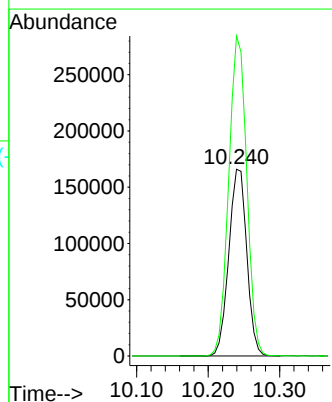
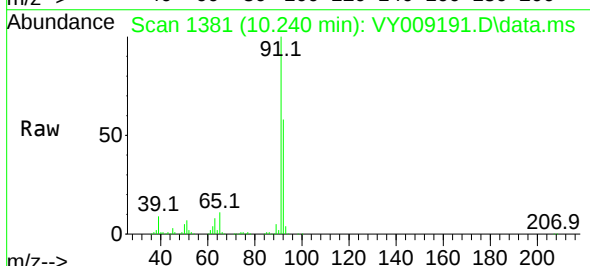
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

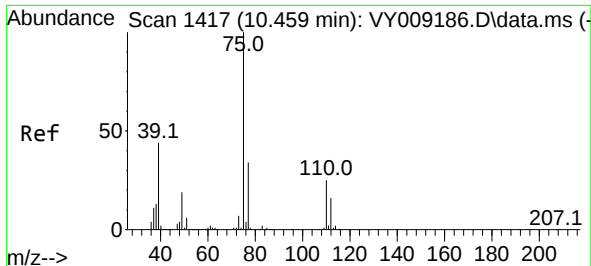
Tgt Ion: 43 Resp: 447844
Ion Ratio Lower Upper
43 100
58 40.2 28.1 42.1



#52
Toluene
Concen: 49.654 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 92 Resp: 289895
Ion Ratio Lower Upper
92 100
91 171.5 142.6 213.8

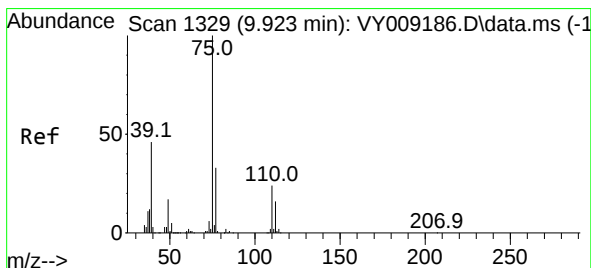
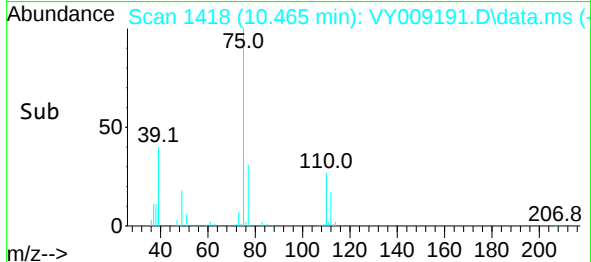
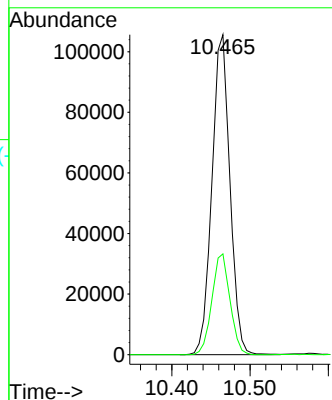
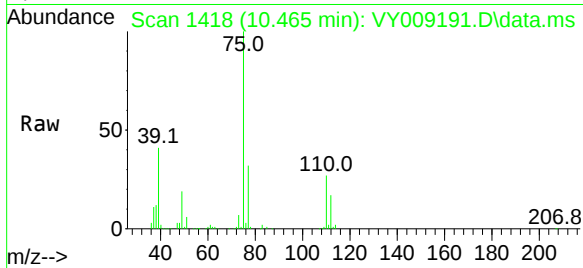




#53
t-1,3-Dichloropropene
Concen: 50.544 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

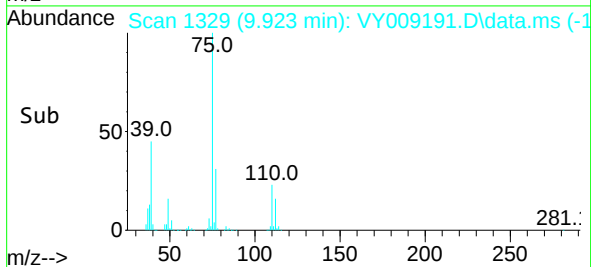
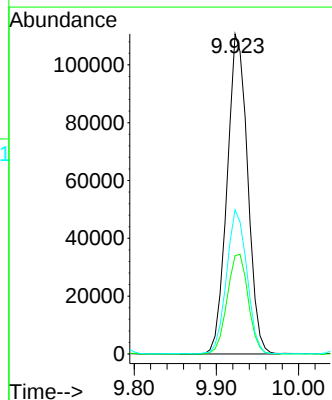
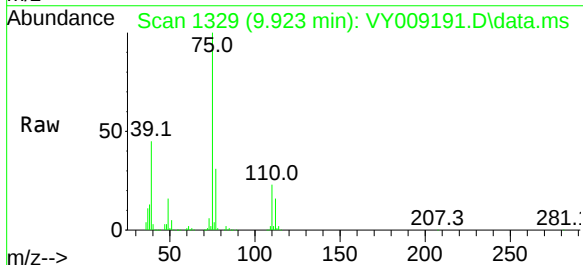
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

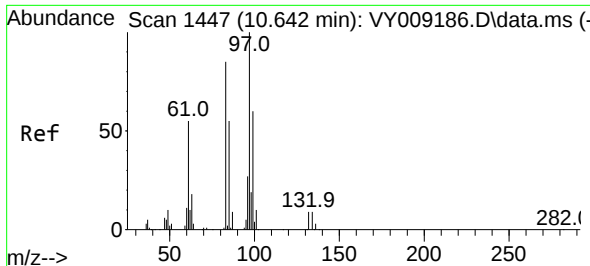
Tgt Ion: 75 Resp: 168469
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 50.979 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 75 Resp: 191907
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4
39 44.9 47.6 71.4#

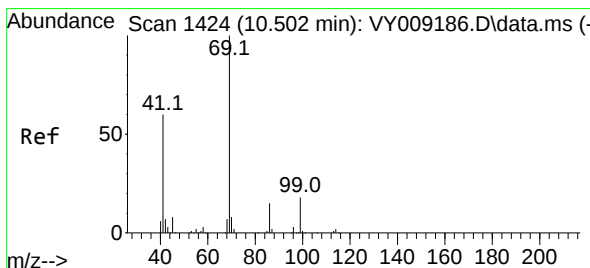
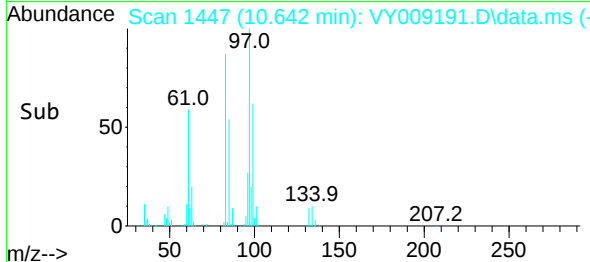
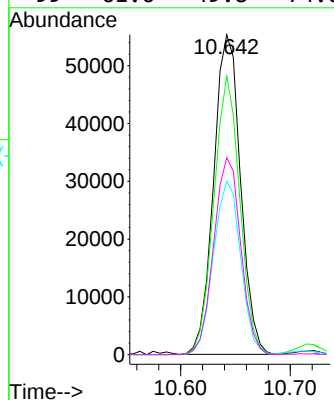
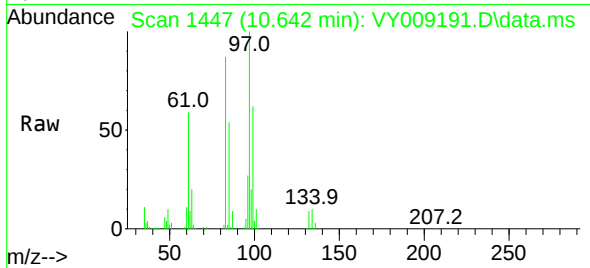




#55
1,1,2-Trichloroethane
Concen: 50.000 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

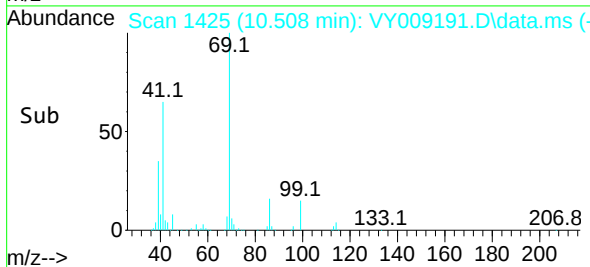
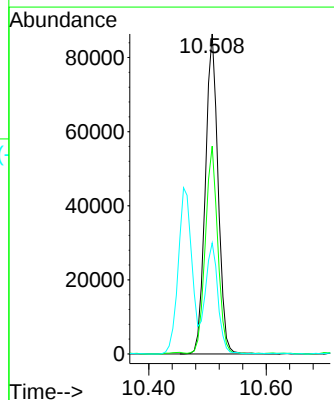
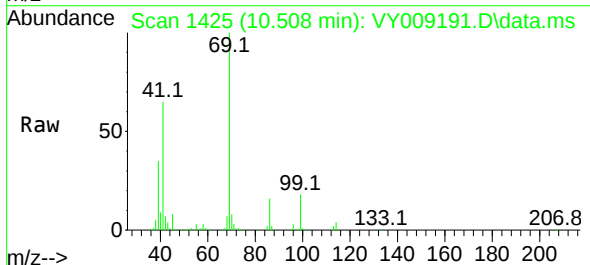
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

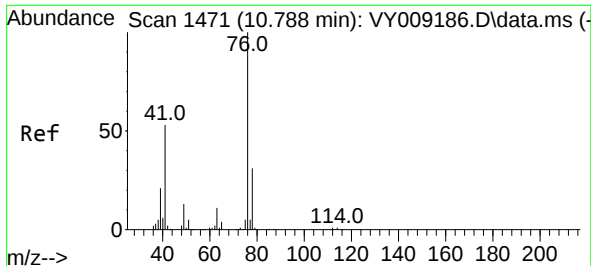
Tgt Ion: 97	Resp: 94334
Ion Ratio	Lower Upper
97 100	
83 87.1	69.8 104.8
85 54.2	44.3 66.5
99 61.6	49.8 74.6



#56
Ethyl methacrylate
Concen: 50.699 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 69	Resp: 129671
Ion Ratio	Lower Upper
69 100	
41 63.4	63.4 95.0
39 34.5	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 49.727 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

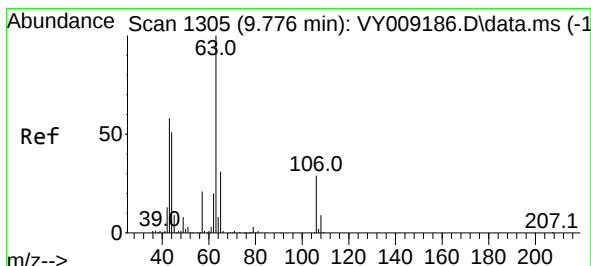
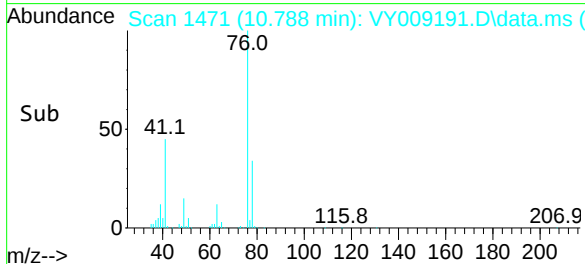
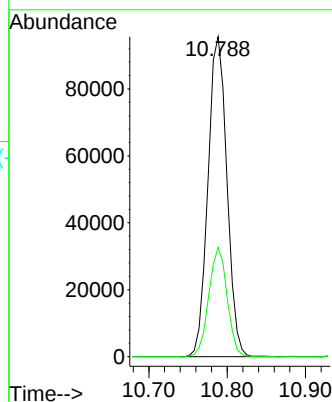
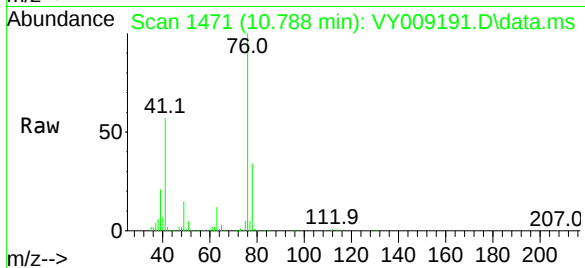
VSTDCCC050

Tgt Ion: 76 Resp: 160271

Ion Ratio Lower Upper

76 100

78 33.0 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 252.649 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY009191.D

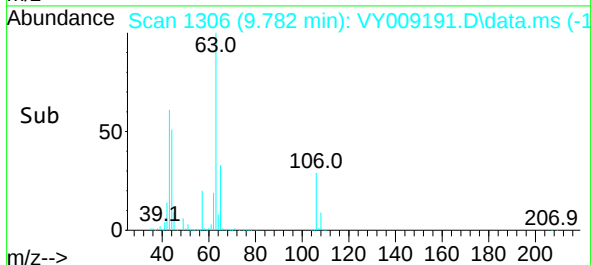
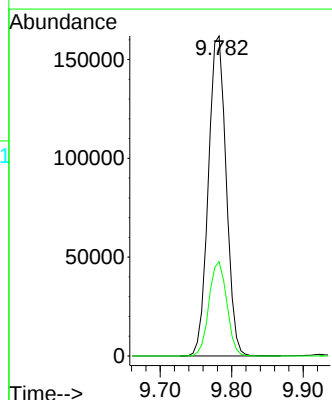
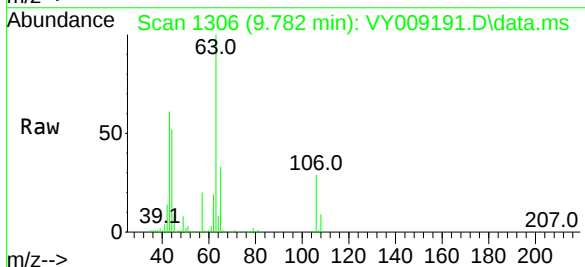
Acq: 16 Jun 2022 09:53

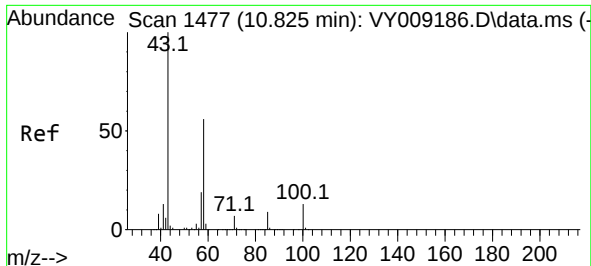
Tgt Ion: 63 Resp: 280103

Ion Ratio Lower Upper

63 100

106 29.5 21.5 32.3

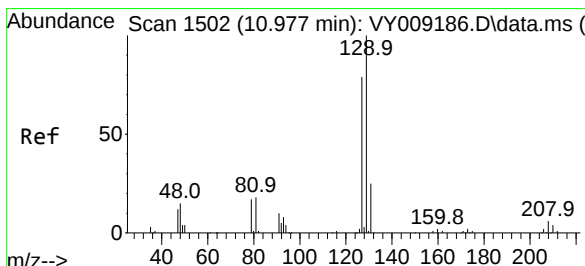
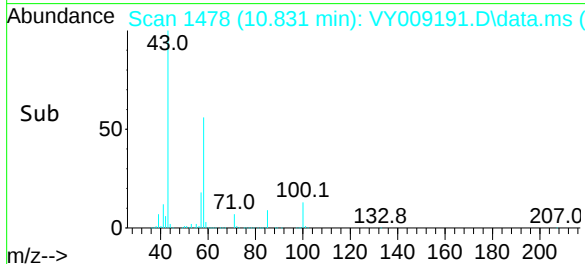
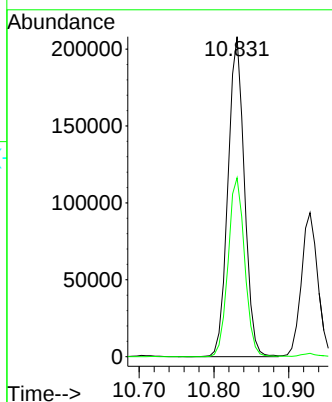
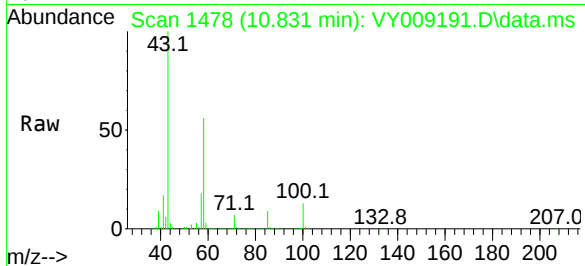




#59
2-Hexanone
Concen: 255.959 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

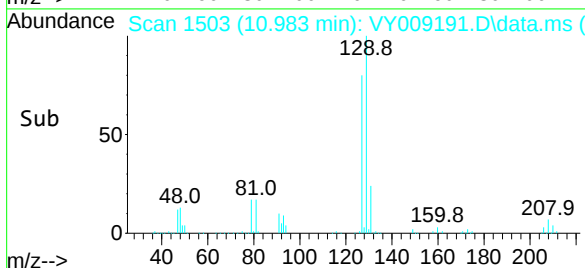
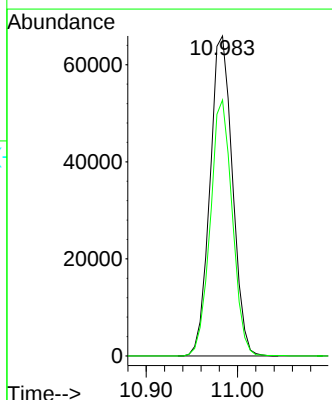
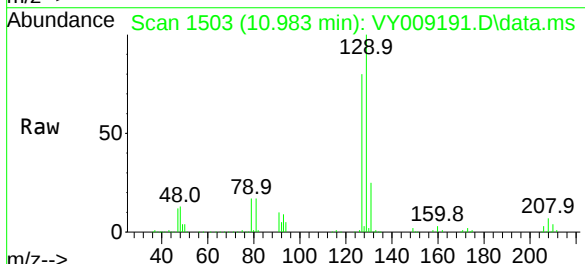
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

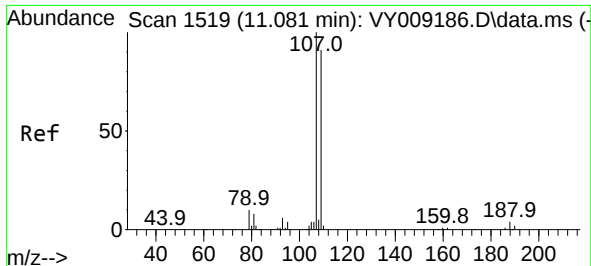
Tgt Ion: 43 Resp: 318322
Ion Ratio Lower Upper
43 100
58 56.2 24.4 73.4



#60
Dibromochloromethane
Concen: 48.769 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 129 Resp: 112651
Ion Ratio Lower Upper
129 100
127 78.1 38.7 116.1

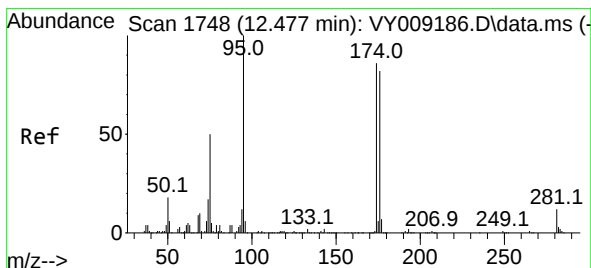
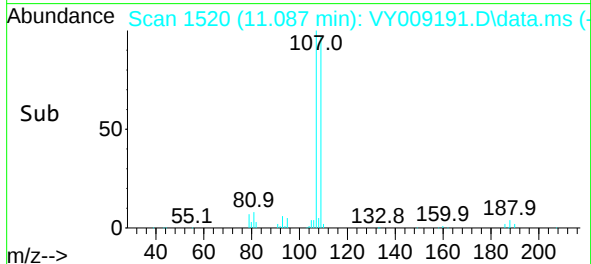
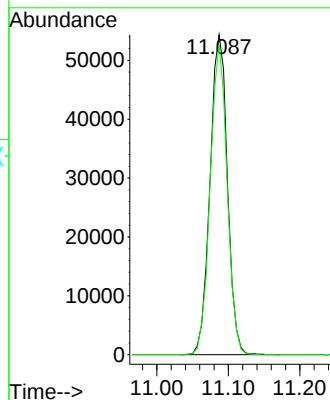
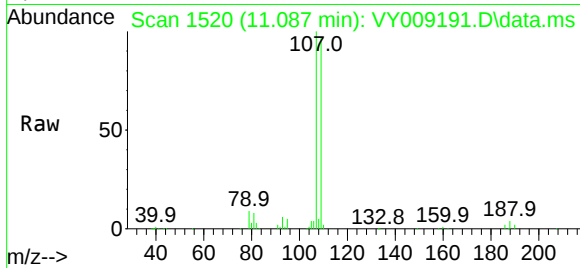




#61
1,2-Dibromoethane
Concen: 49.765 ug/l
RT: 11.087 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

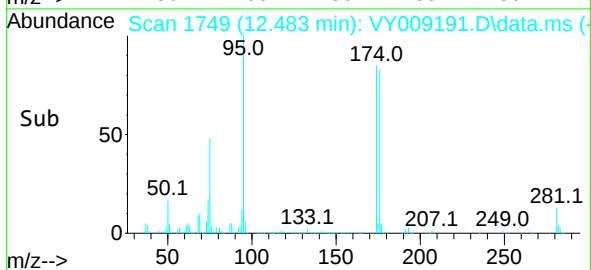
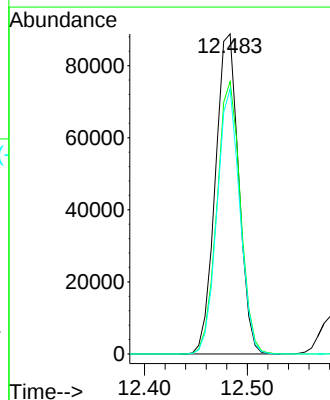
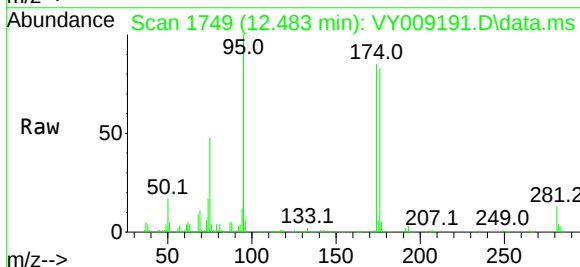
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

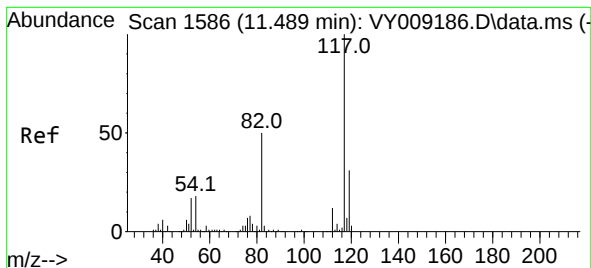
Tgt Ion:107 Resp: 91507
Ion Ratio Lower Upper
107 100
109 94.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 50.841 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 95 Resp: 139990
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 80.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

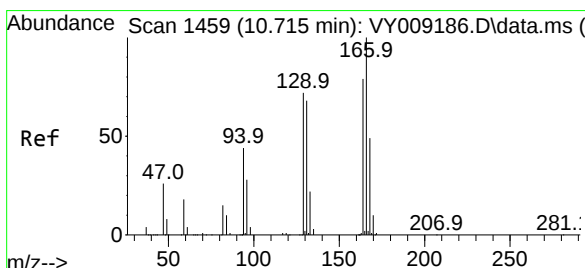
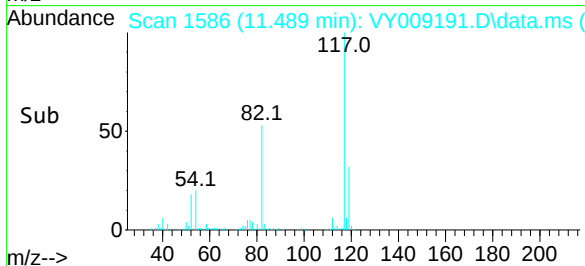
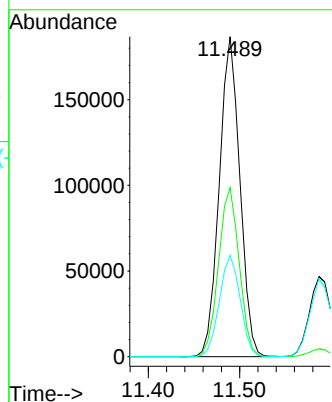
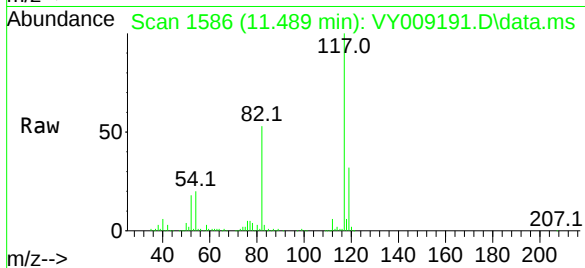
Tgt Ion:117 Resp: 292618

Ion Ratio Lower Upper

117 100

82 52.8 43.0 64.4

119 31.7 25.4 38.0



#64

Tetrachloroethene

Concen: 48.875 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

Tgt Ion:164 Resp: 132496

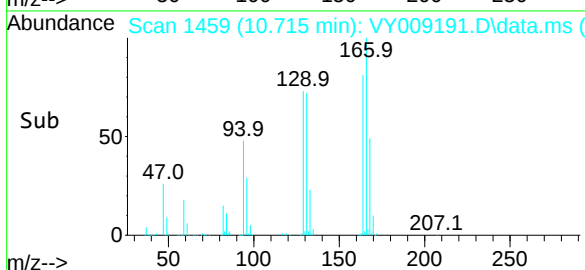
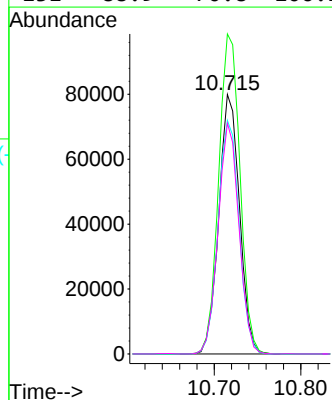
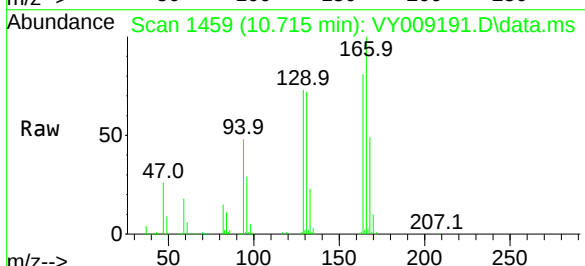
Ion Ratio Lower Upper

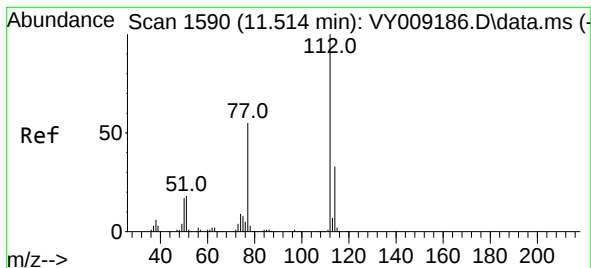
164 100

166 123.3 100.4 150.6

129 90.0 71.4 107.0

131 88.9 70.8 106.2





#65

Chlorobenzene

Concen: 48.711 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

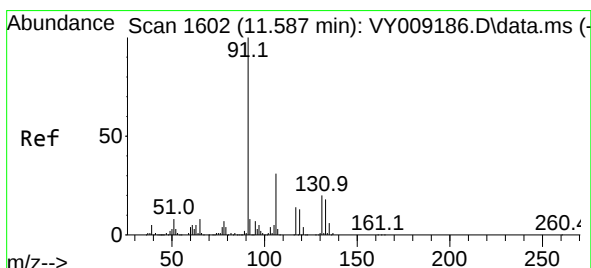
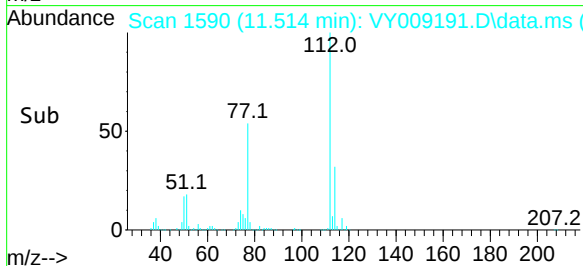
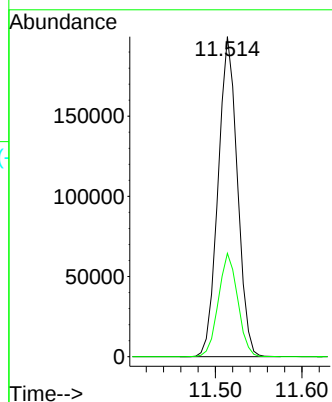
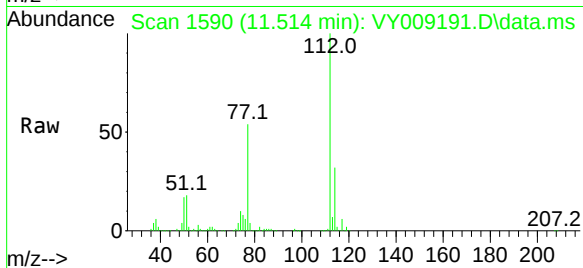
VSTDCCC050

Tgt Ion:112 Resp: 308768

Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 49.384 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

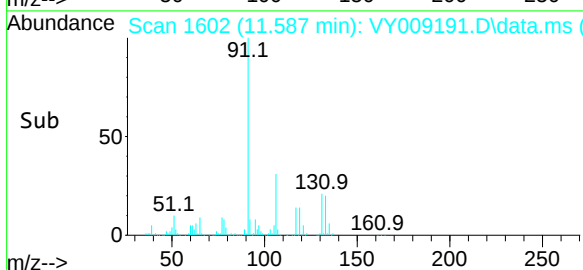
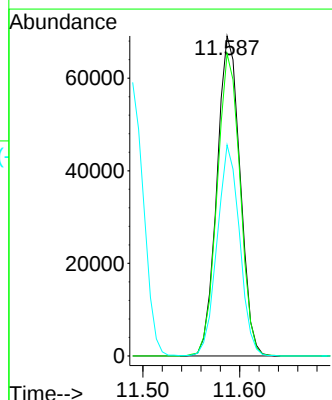
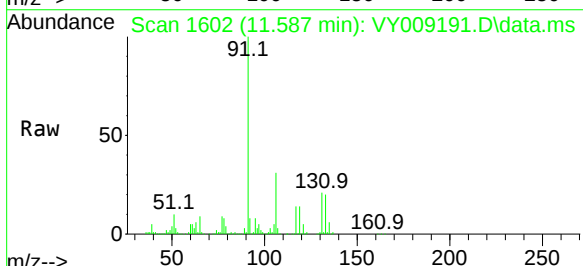
Tgt Ion:131 Resp: 114642

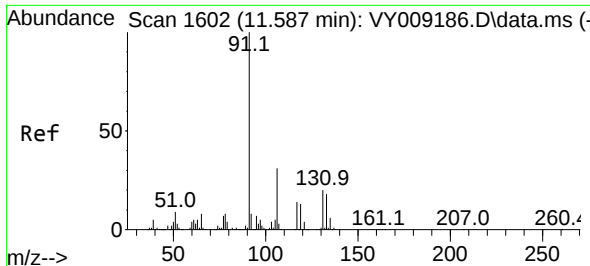
Ion Ratio Lower Upper

131 100

133 93.8 47.9 143.6

119 64.1 30.8 92.3

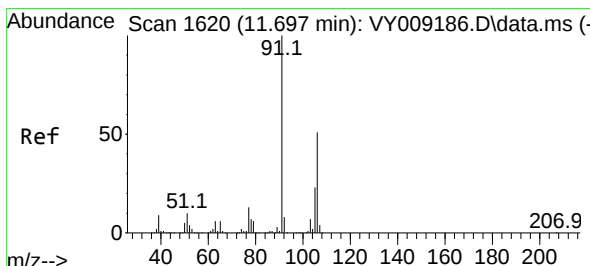
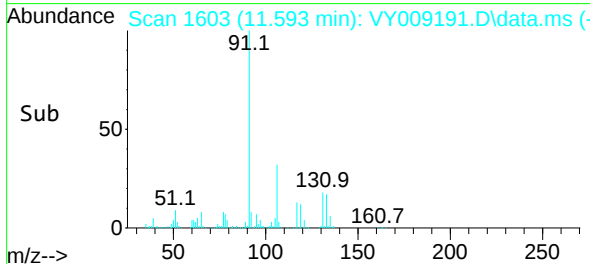
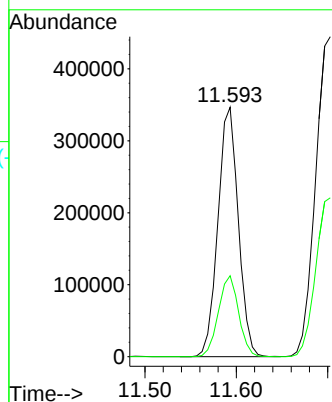
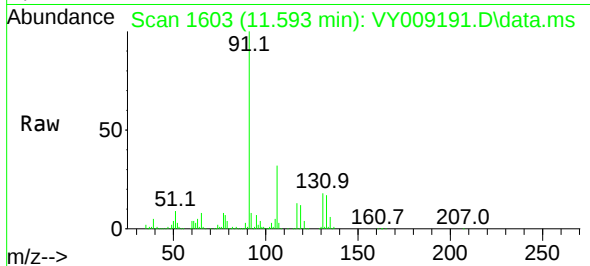




#67
Ethyl Benzene
Concen: 48.589 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

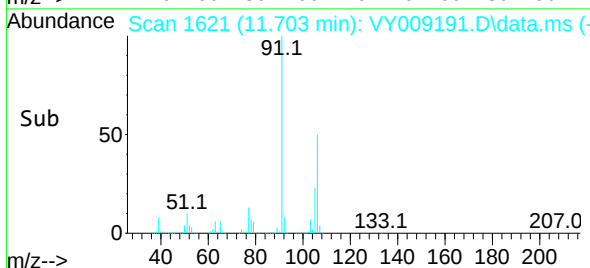
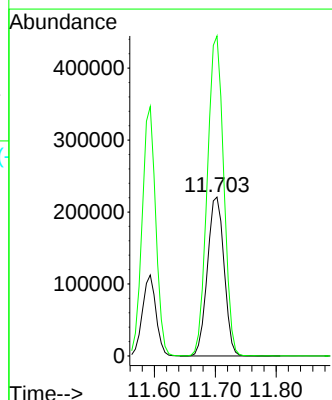
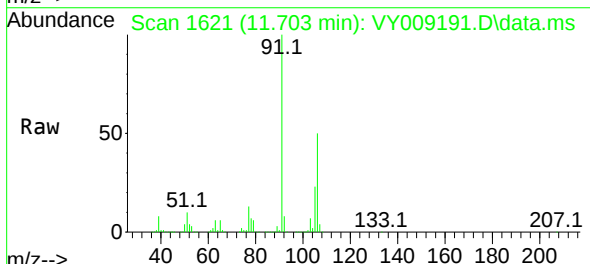
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

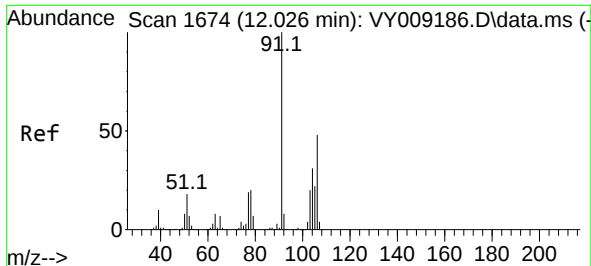
Tgt Ion: 91 Resp: 537449
Ion Ratio Lower Upper
91 100
106 32.5 24.5 36.7



#68
m/p-Xylenes
Concen: 96.109 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 106 Resp: 419114
Ion Ratio Lower Upper
106 100
91 198.4 166.6 249.8

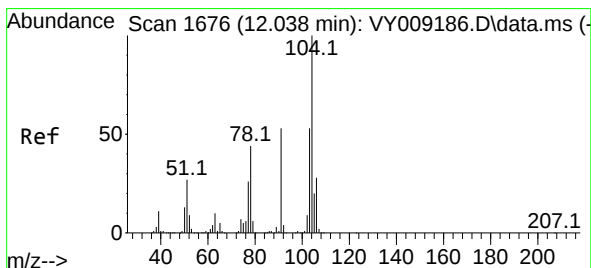
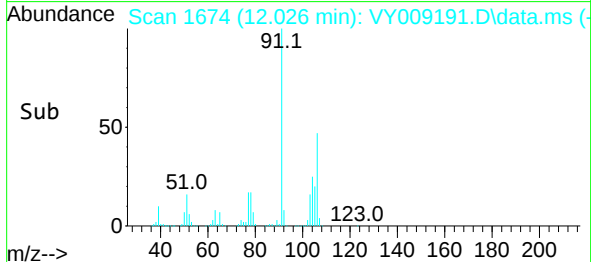
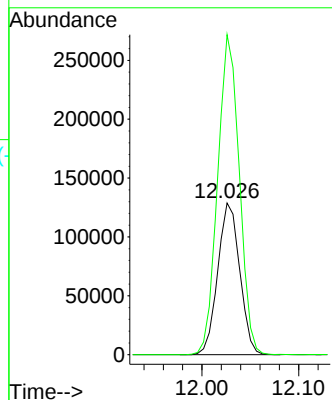
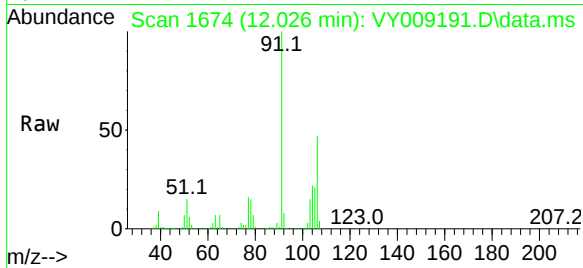




#69
o-Xylene
Concen: 49.099 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

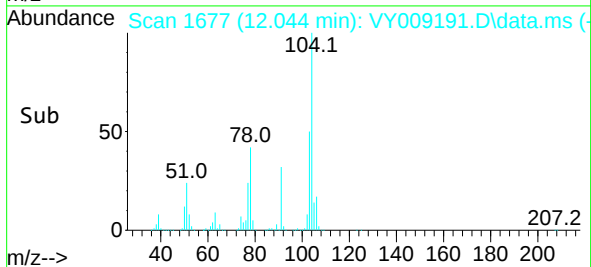
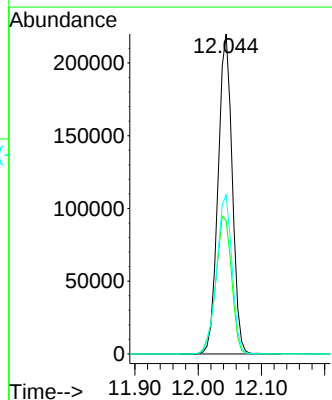
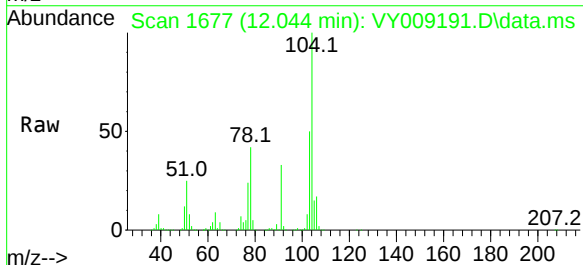
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

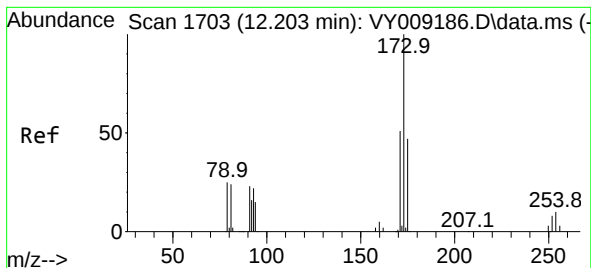
Tgt Ion:106 Resp: 202867
Ion Ratio Lower Upper
106 100
91 208.0 110.3 331.0



#70
Styrene
Concen: 49.084 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion:104 Resp: 340213
Ion Ratio Lower Upper
104 100
78 48.2 42.4 63.6
103 54.0 44.4 66.6





#71

Bromoform

Concen: 48.356 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

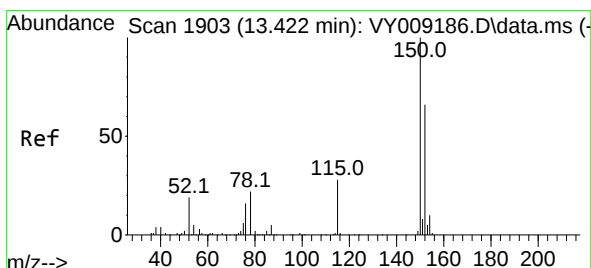
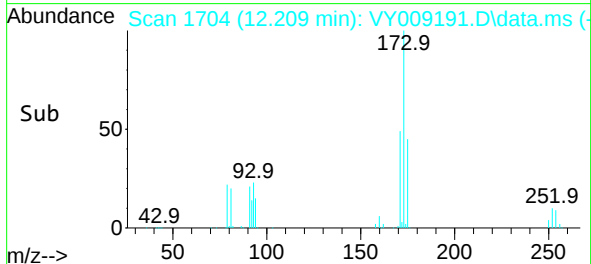
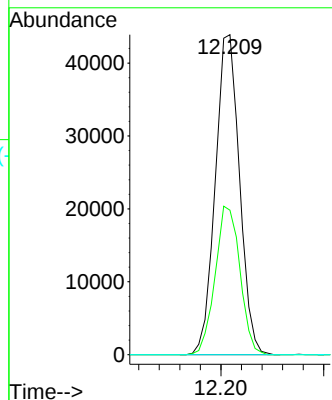
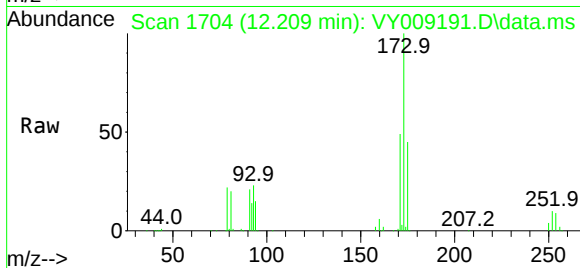
Tgt Ion:173 Resp: 71700

Ion Ratio Lower Upper

173 100

175 47.5 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

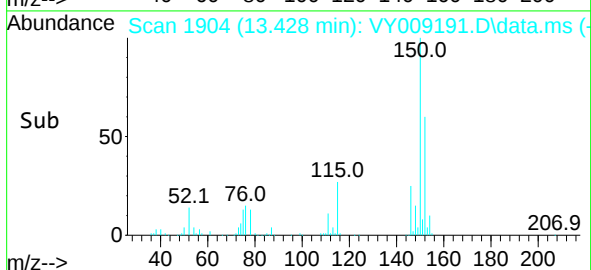
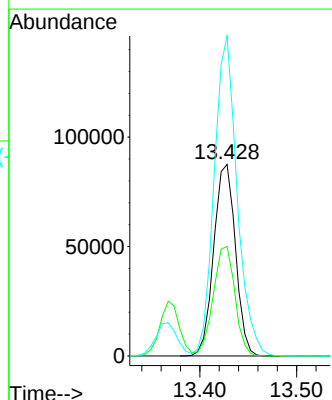
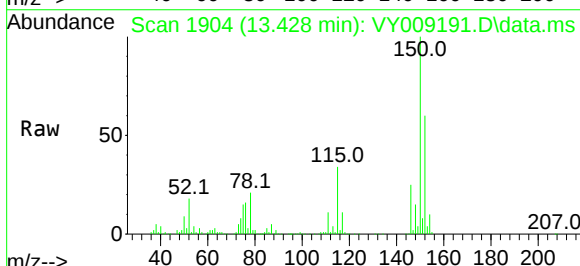
Tgt Ion:152 Resp: 136710

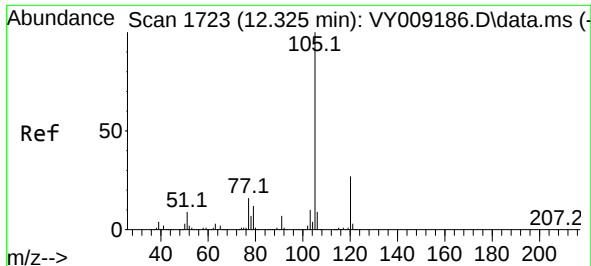
Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 176.1 0.0 347.6

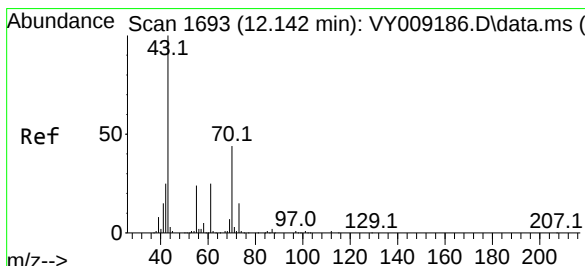
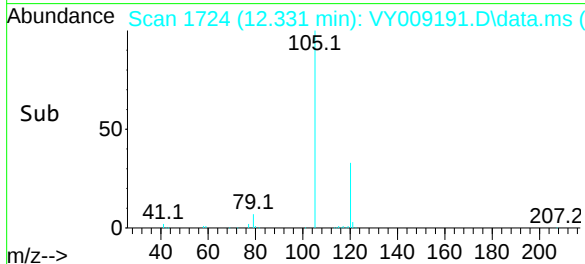
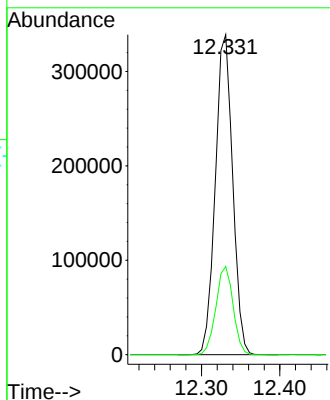
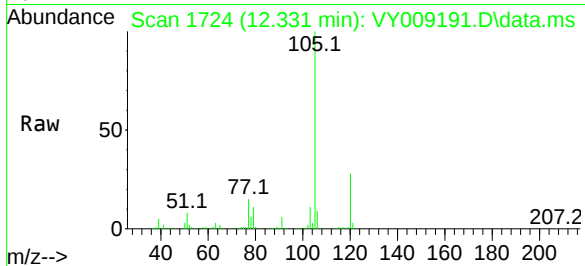




#73
Isopropylbenzene
Concen: 50.681 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

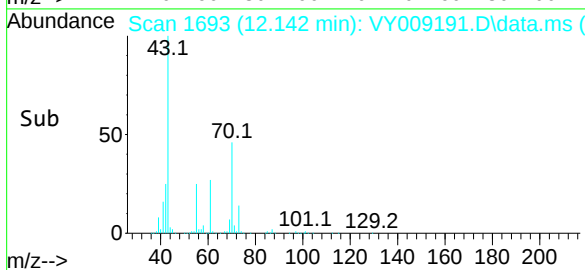
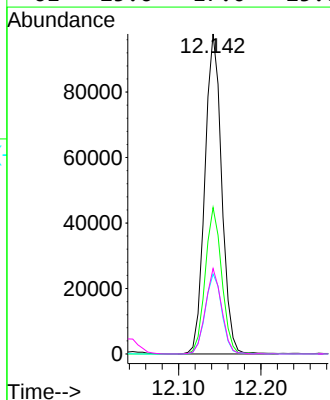
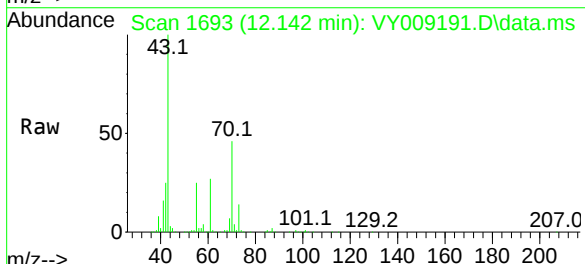
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

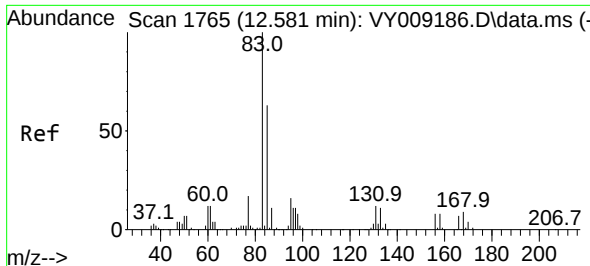
Tgt Ion:105 Resp: 521473
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2



#74
N-ethyl acetate
Concen: 48.381 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 43 Resp: 138862
Ion Ratio Lower Upper
43 100
70 44.9 28.7 43.1#
55 24.8 17.3 25.9
61 25.6 17.0 25.6#

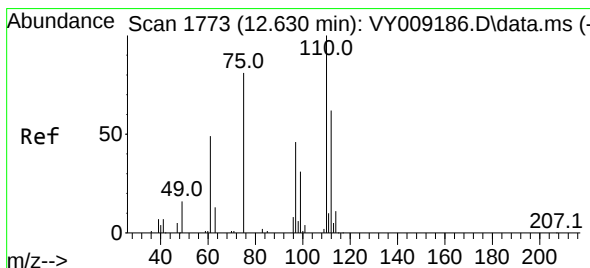
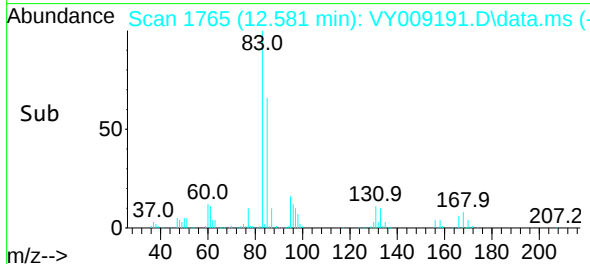
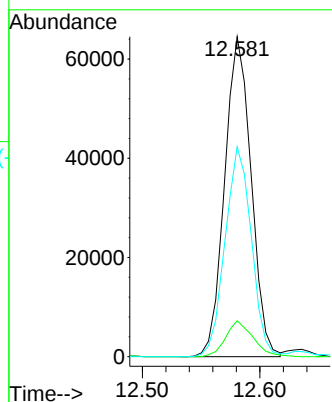
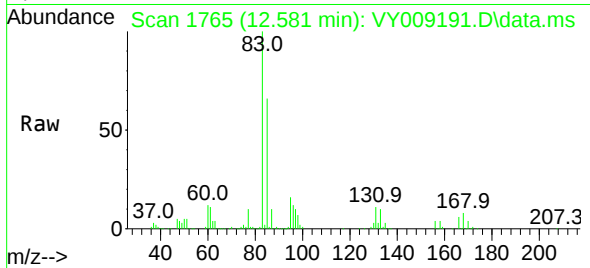




#75
1,1,2,2-Tetrachloroethane
Concen: 49.659 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

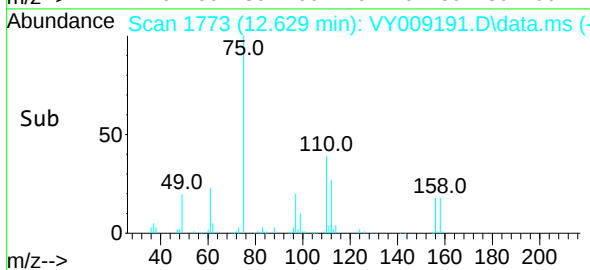
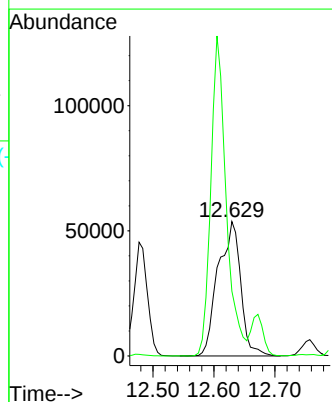
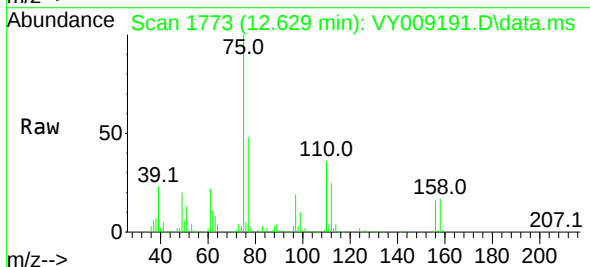
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

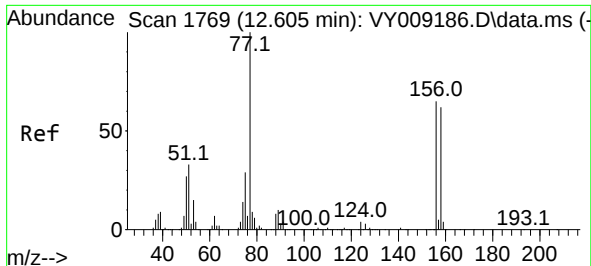
Tgt Ion: 83 Resp: 101129
Ion Ratio Lower Upper
83 100
131 11.5 5.6 16.8
85 65.1 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 91.687 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 75 Resp: 138403
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

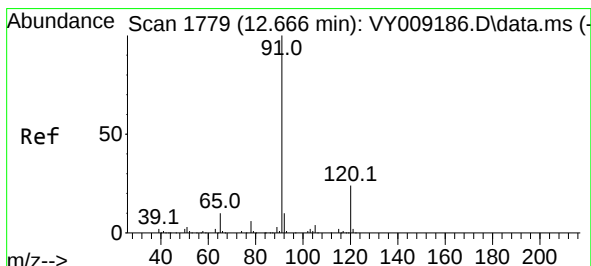
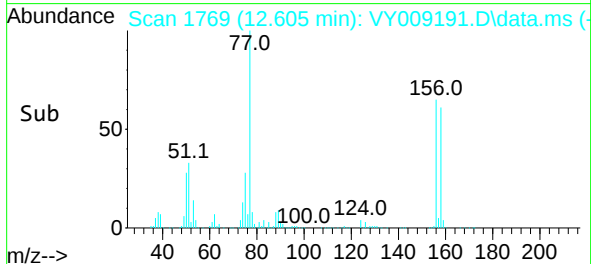
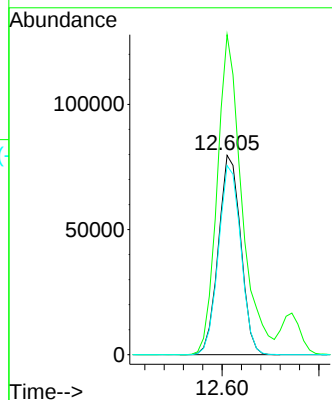
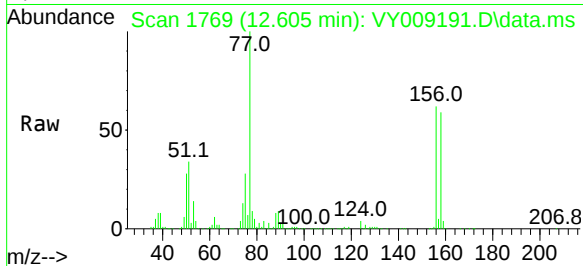




#77
Bromobenzene
Concen: 50.409 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

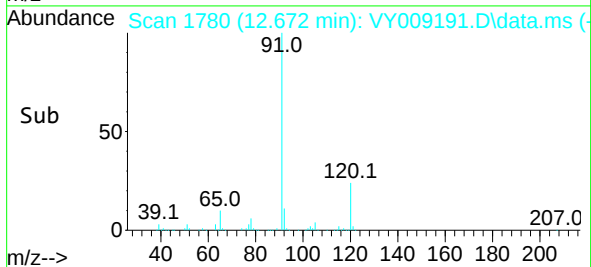
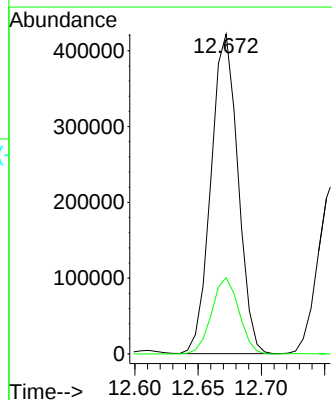
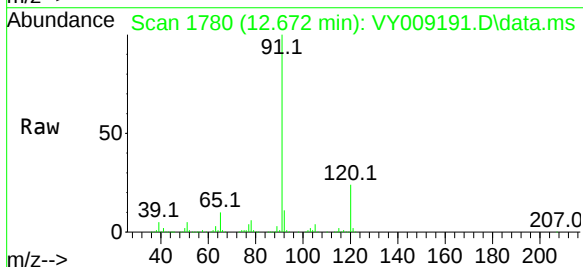
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

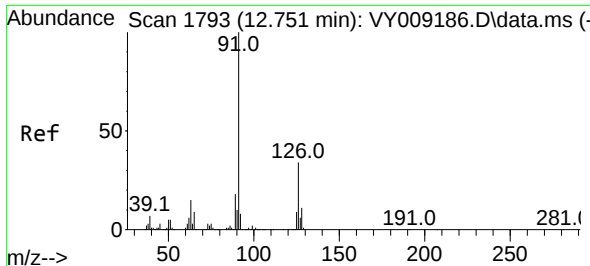
Tgt Ion:156 Resp: 127431
Ion Ratio Lower Upper
156 100
77 176.7 95.5 286.4
158 95.5 48.0 144.0



#78
n-propylbenzene
Concen: 50.256 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 91 Resp: 625672
Ion Ratio Lower Upper
91 100
120 24.0 11.3 33.9





#79

2-Chlorotoluene

Concen: 50.580 ug/l

RT: 12.758 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

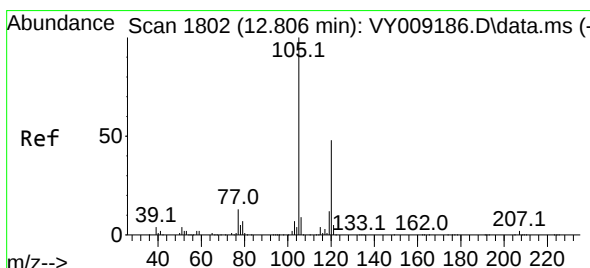
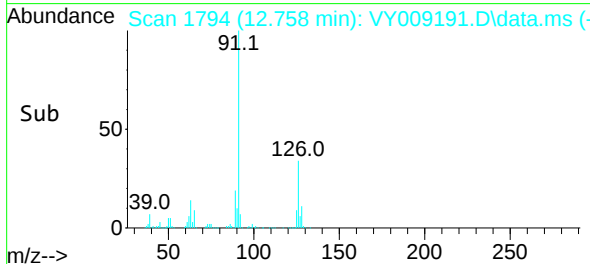
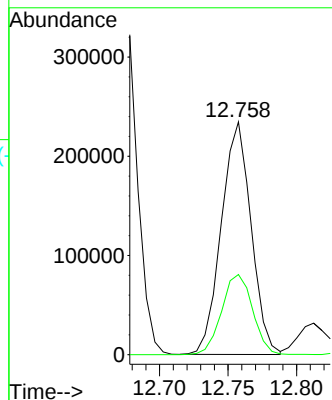
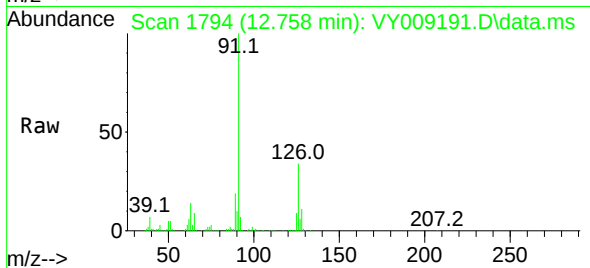
VSTDCCC050

Tgt Ion: 91 Resp: 354793

Ion Ratio Lower Upper

91 100

126 35.9 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 49.970 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY009191.D

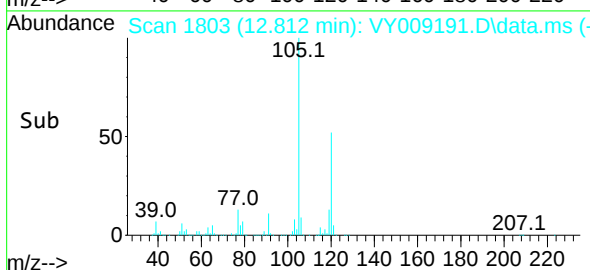
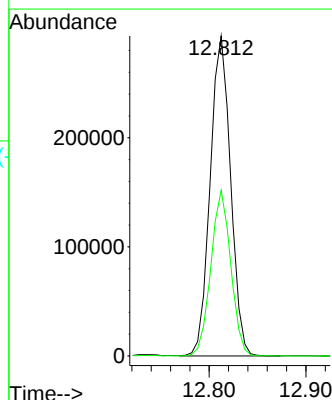
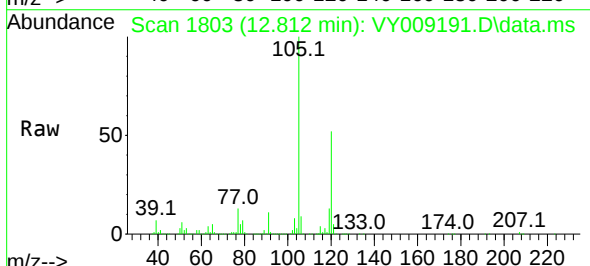
Acq: 16 Jun 2022 09:53

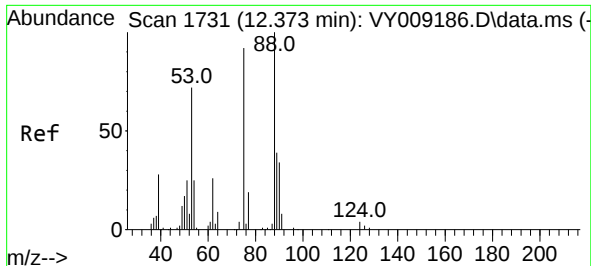
Tgt Ion: 105 Resp: 429748

Ion Ratio Lower Upper

105 100

120 50.6 24.4 73.4

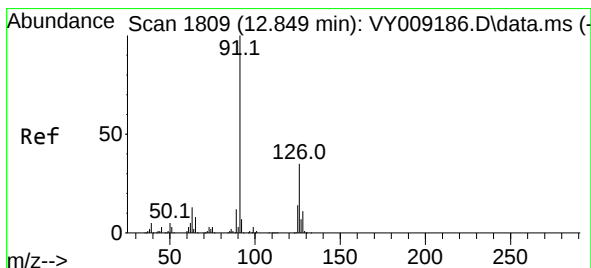
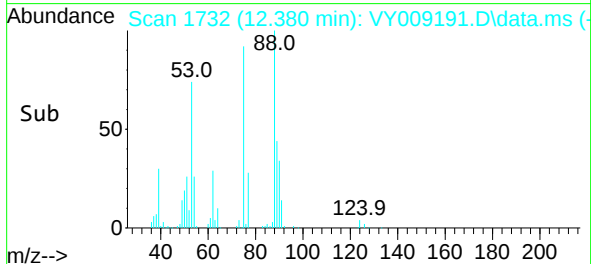
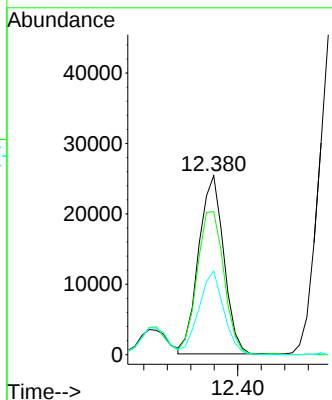
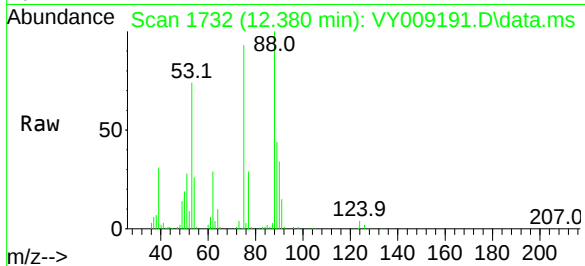




#81
trans-1,4-Dichloro-2-butene
Concen: 49.618 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

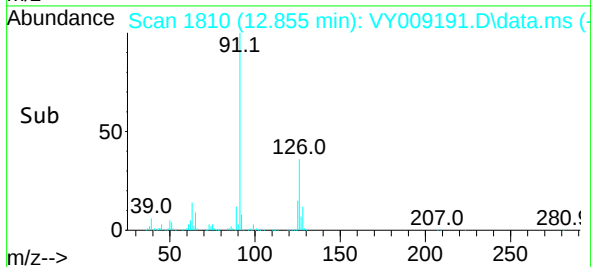
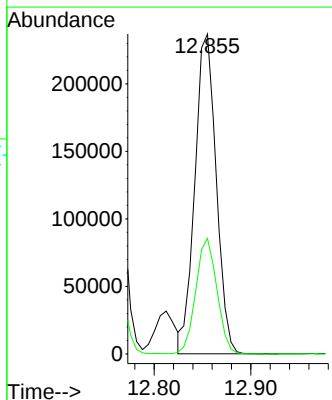
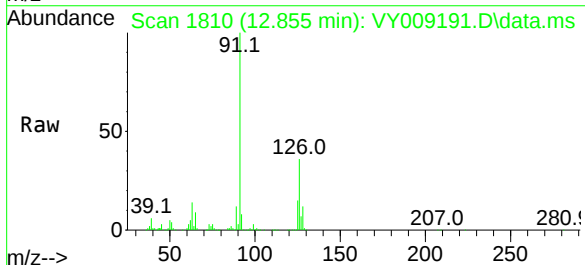
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

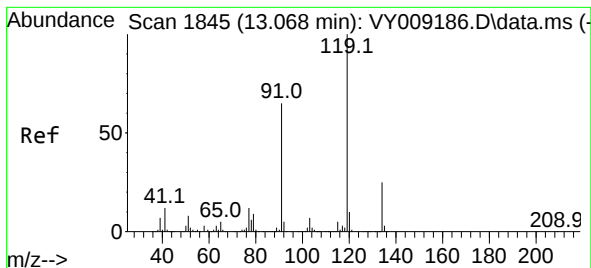
Tgt Ion: 75 Resp: 37583
Ion Ratio Lower Upper
75 100
53 85.6 85.3 127.9
89 46.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 49.564 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 91 Resp: 362764
Ion Ratio Lower Upper
91 100
126 35.9 17.0 51.0





#83

tert-Butylbenzene

Concen: 49.895 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

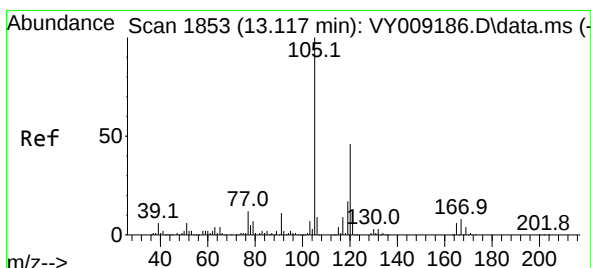
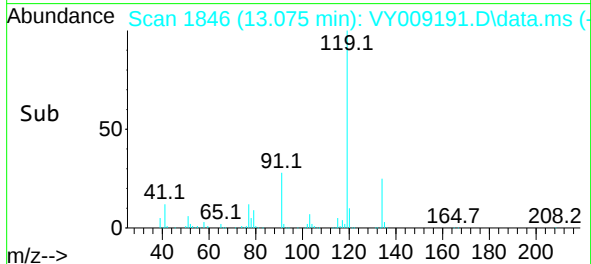
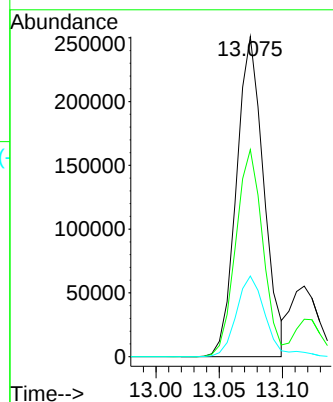
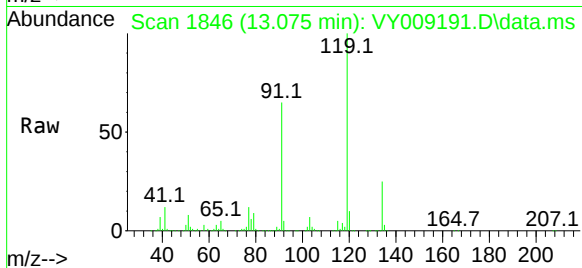
Tgt Ion:119 Resp: 377264

Ion Ratio Lower Upper

119 100

91 64.2 34.8 104.4

134 27.0 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 50.462 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY009191.D

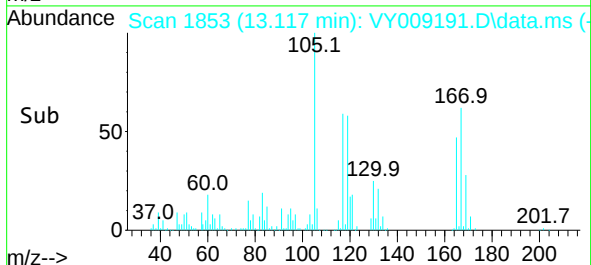
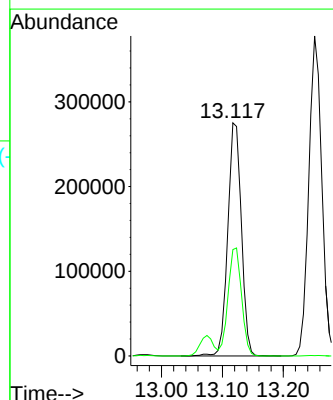
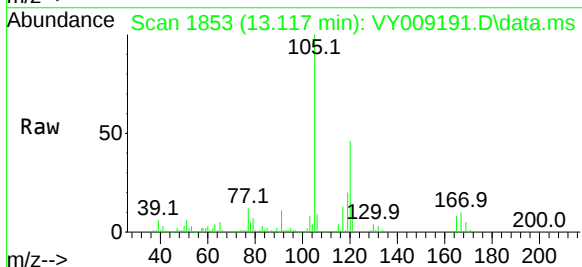
Acq: 16 Jun 2022 09:53

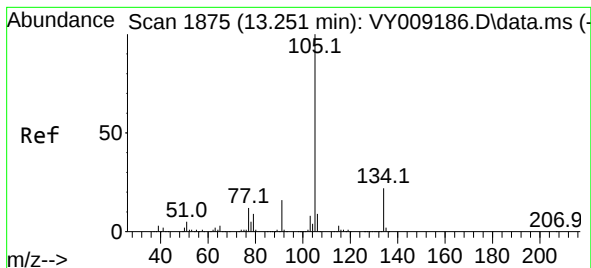
Tgt Ion:105 Resp: 425963

Ion Ratio Lower Upper

105 100

120 46.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 49.683 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

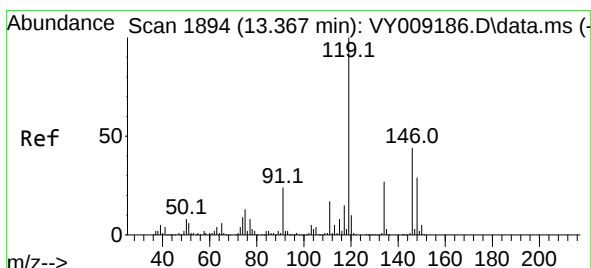
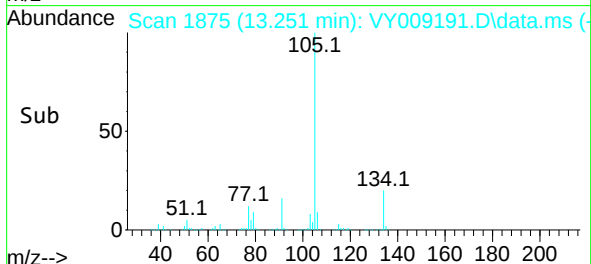
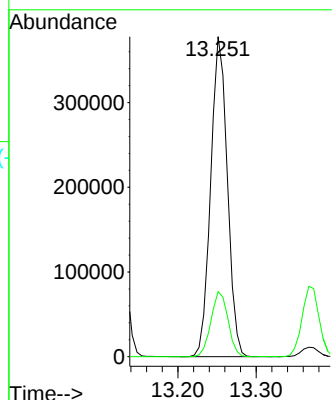
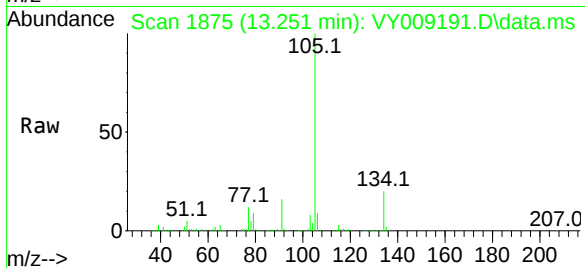
VSTDCCC050

Tgt Ion:105 Resp: 556263

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.4



#86

p-Isopropyltoluene

Concen: 49.531 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

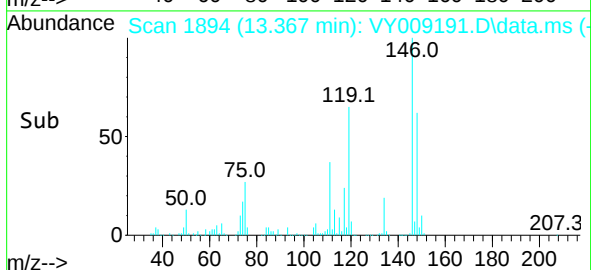
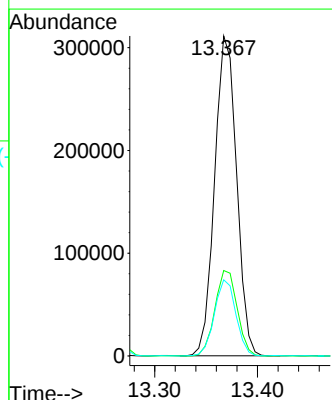
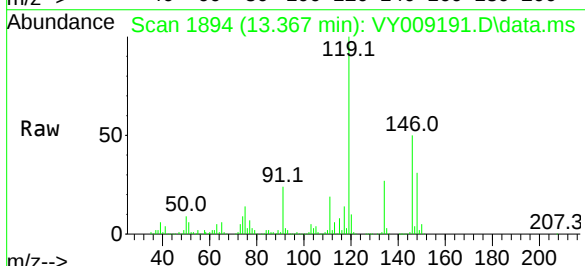
Tgt Ion:119 Resp: 460201

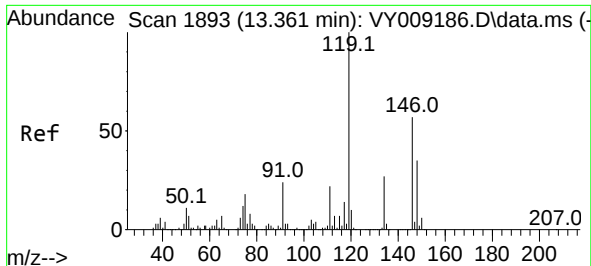
Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.5

91 23.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.303 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

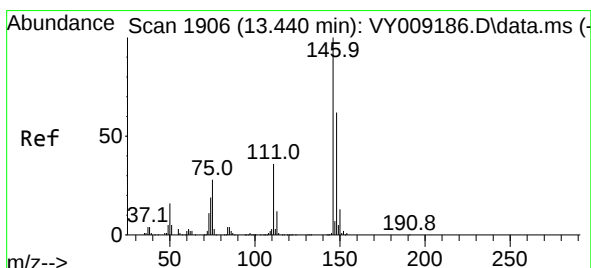
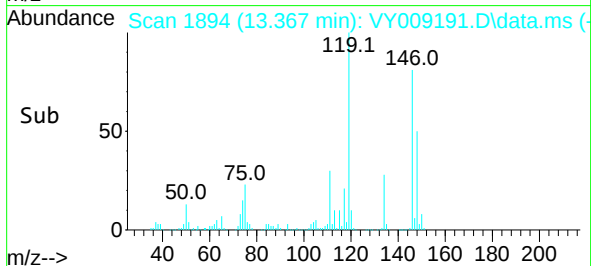
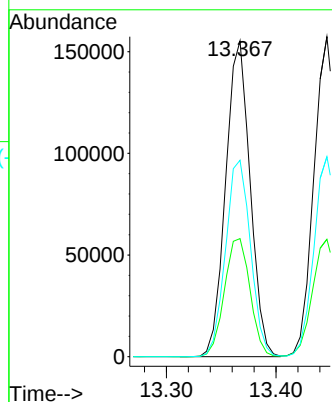
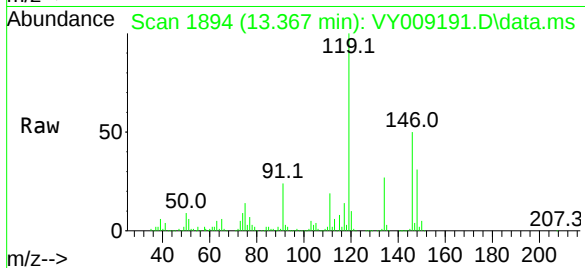
Tgt Ion:146 Resp: 240384

Ion Ratio Lower Upper

146 100

111 39.3 19.5 58.5

148 63.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 48.712 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

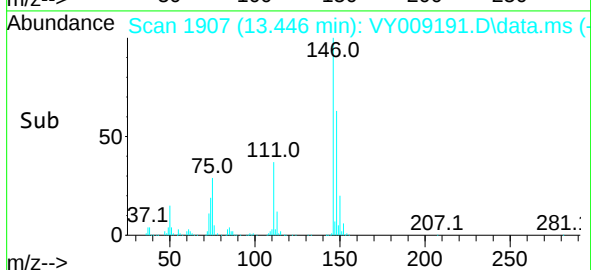
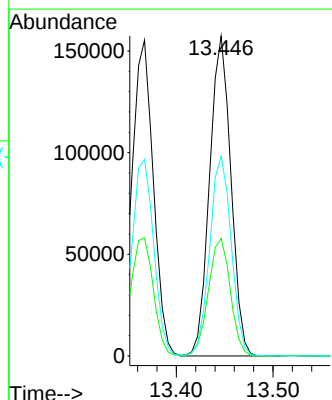
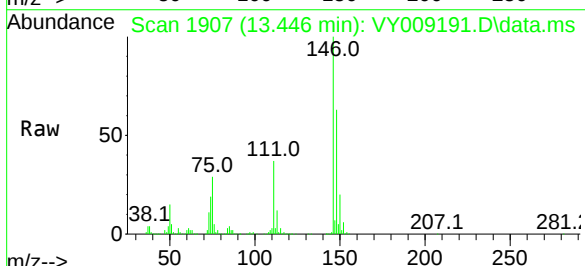
Tgt Ion:146 Resp: 241090

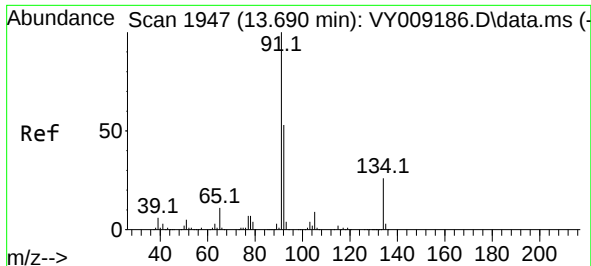
Ion Ratio Lower Upper

146 100

111 37.8 19.3 57.8

148 63.2 32.6 97.8

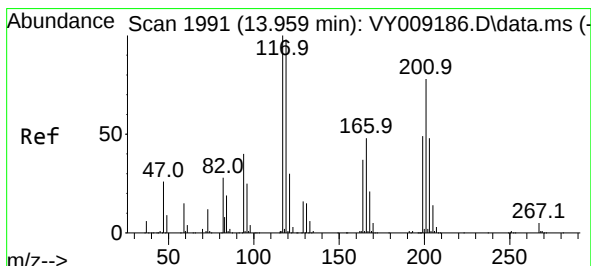
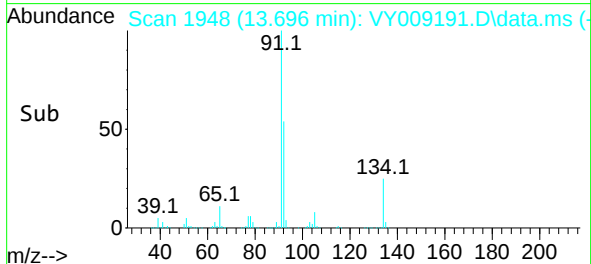
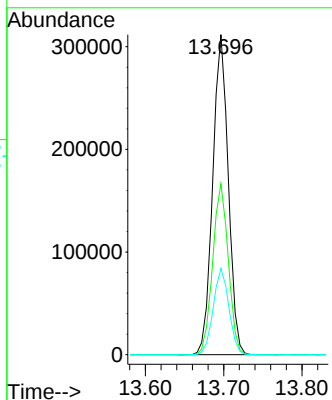
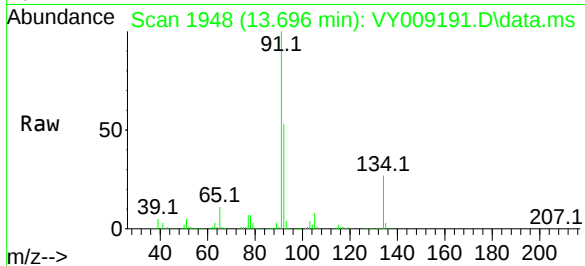




#89
n-Butylbenzene
Concen: 48.892 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

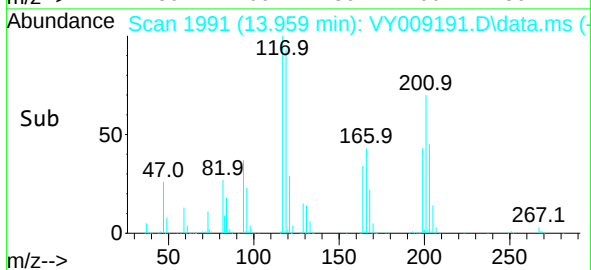
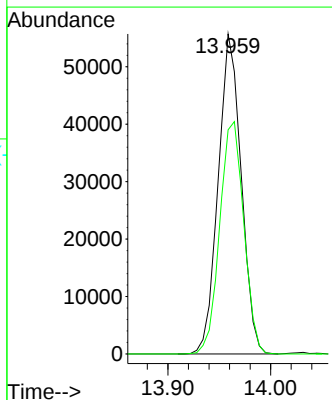
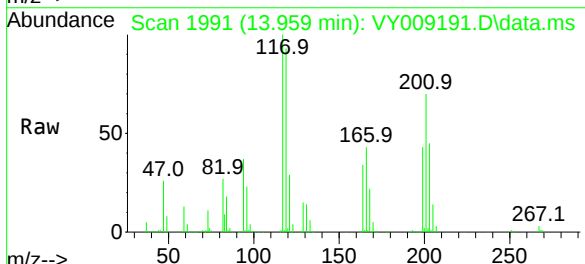
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

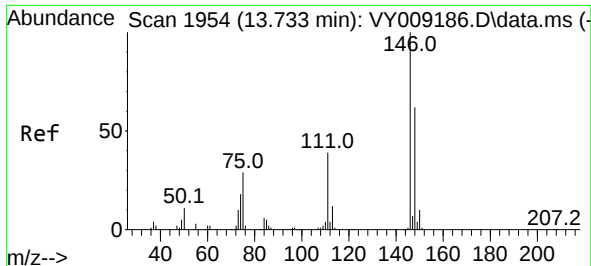
Tgt Ion: 91 Resp: 429563
Ion Ratio Lower Upper
91 100
92 53.6 26.3 78.9
134 27.1 13.0 38.9



#90
Hexachloroethane
Concen: 49.358 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY009191.D
Acq: 16 Jun 2022 09:53

Tgt Ion: 117 Resp: 86472
Ion Ratio Lower Upper
117 100
201 76.0 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 49.674 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

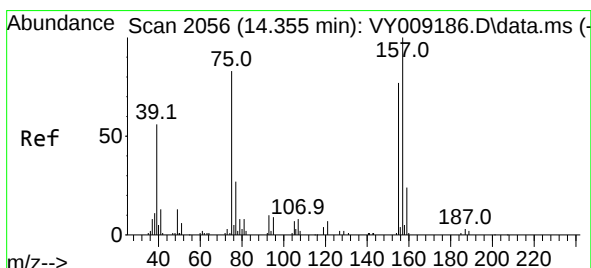
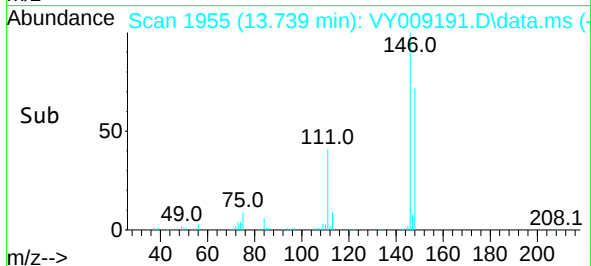
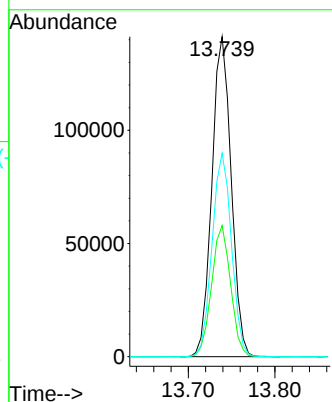
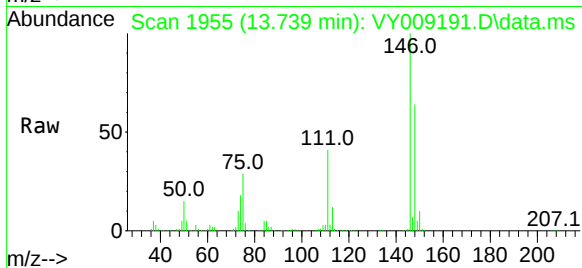
Tgt Ion:146 Resp: 219011

Ion Ratio Lower Upper

146 100

111 40.4 20.3 60.9

148 64.0 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.983 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

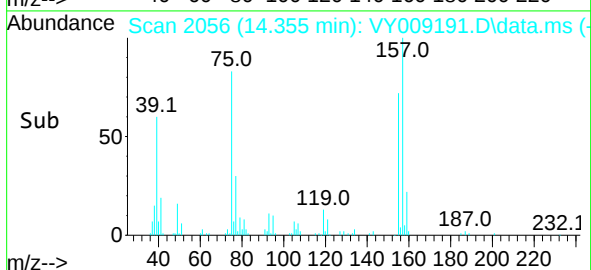
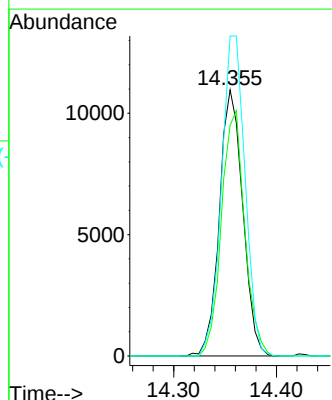
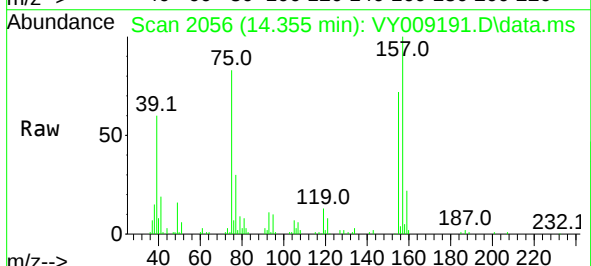
Tgt Ion: 75 Resp: 17264

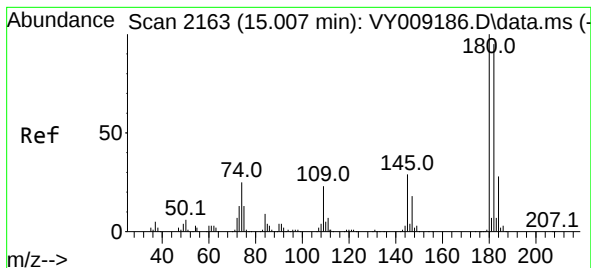
Ion Ratio Lower Upper

75 100

155 91.8 38.0 113.9

157 121.5 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 48.819 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

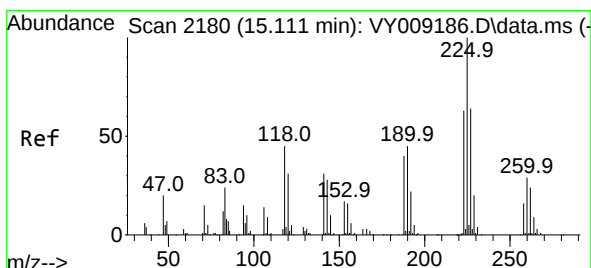
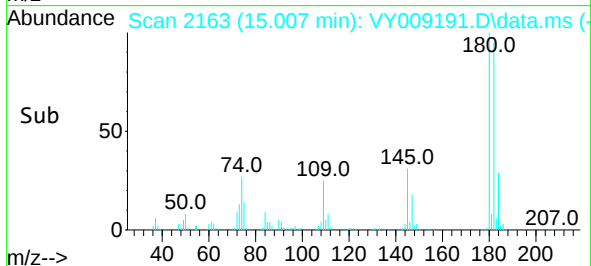
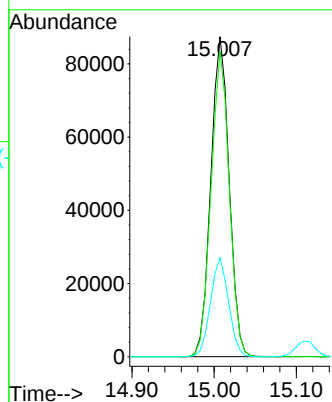
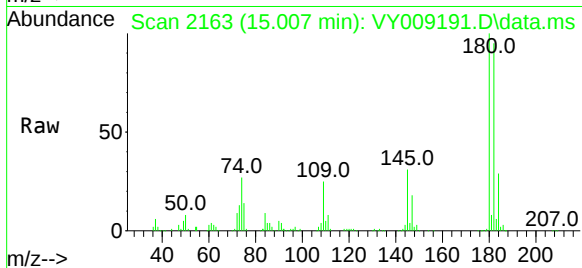
Tgt Ion:180 Resp: 135328

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 30.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 45.676 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

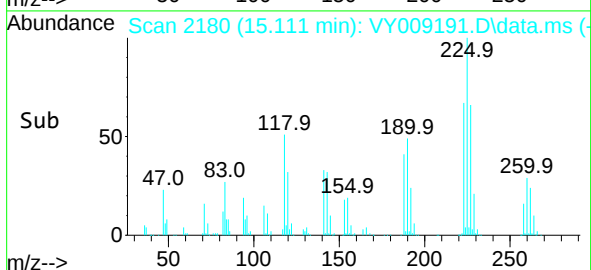
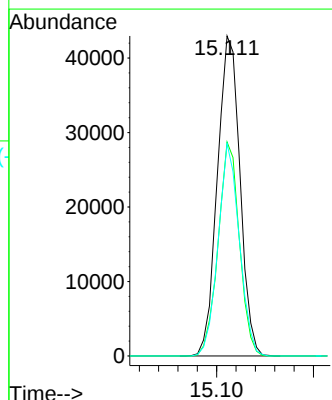
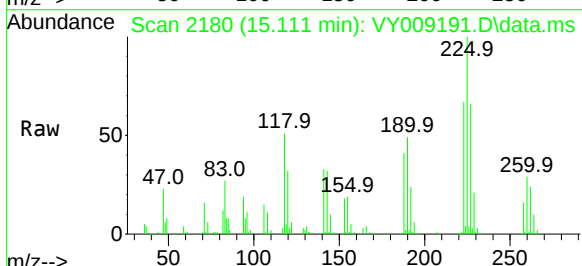
Tgt Ion:225 Resp: 69592

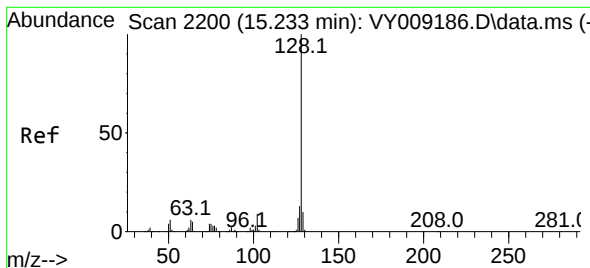
Ion Ratio Lower Upper

225 100

223 62.7 30.8 92.3

227 62.2 31.6 94.7





#95

Naphthalene

Concen: 50.540 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

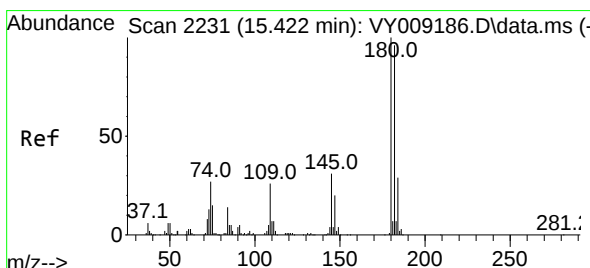
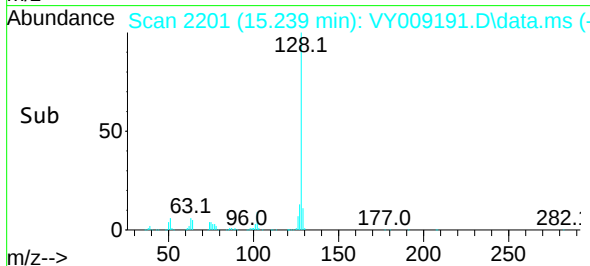
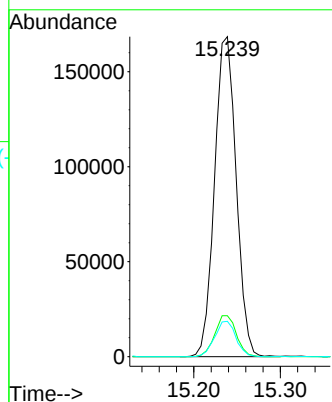
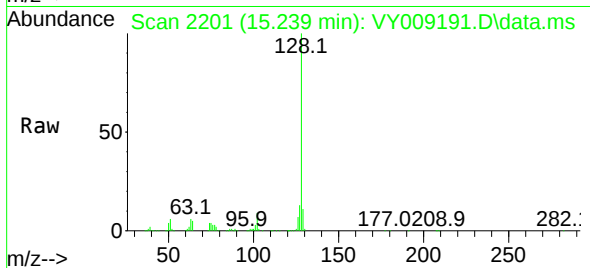
Tgt Ion:128 Resp: 292215

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 48.609 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009191.D

Acq: 16 Jun 2022 09:53

Tgt Ion:180 Resp: 118594

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.9

145 32.2 15.3 45.9

