

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062122\
 Data File : VY009251.D
 Acq On : 21 Jun 2022 12:10
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Jun 21 13:33:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 13:33:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	155079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	230993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116848	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	17517	10.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.620%#
35) Dibromofluoromethane	7.710	113	16037	10.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.200%#
50) Toluene-d8	10.179	98	65012	10.775	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	21.560%#
62) 4-Bromofluorobenzene	12.477	95	22974	10.732	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	21.460%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	12634	10.897	ug/l	95
3) Chloromethane	2.113	50	15399	10.693	ug/l	99
4) Vinyl Chloride	2.247	62	18128	11.935	ug/l	95
5) Bromomethane	2.644	94	12876	12.058	ug/l	99
6) Chloroethane	2.790	64	11749	12.325	ug/l	97
7) Trichlorofluoromethane	3.119	101	26558	10.969	ug/l	98
8) Diethyl Ether	3.527	74	9230	10.076	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	16823	11.235	ug/l	92
10) Methyl Iodide	4.082	142	18335	9.625	ug/l	90
11) Tert butyl alcohol	4.942	59	15750	60.805	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	15914	10.906	ug/l	87
13) Acrolein	3.723	56	2433	39.575	ug/l	91
14) Allyl chloride	4.472	41	28663	10.869	ug/l	94
15) Acrylonitrile	5.161	53	25785	52.421	ug/l	96
16) Acetone	3.948	43	22662	55.796	ug/l	99
17) Carbon Disulfide	4.186	76	44824	10.651	ug/l	95
18) Methyl Acetate	4.472	43	14723	10.900	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	44457	10.017	ug/l	96
20) Methylene Chloride	4.704	84	34283	16.272	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	18659	10.858	ug/l	95
22) Diisopropyl ether	6.119	45	60137	10.913	ug/l	97
23) Vinyl Acetate	6.051	43	183861	53.348	ug/l	97
24) 1,1-Dichloroethane	6.009	63	33397	10.770	ug/l	98
25) 2-Butanone	6.972	43	35673	55.330	ug/l	92
26) 2,2-Dichloropropane	6.978	77	31884	11.535	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	21336	10.532	ug/l	94
28) Bromochloromethane	7.326	49	13819	10.392	ug/l	96
29) Tetrahydrofuran	7.338	42	22740	53.366	ug/l	96
30) Chloroform	7.502	83	34114	10.676	ug/l	98
31) Cyclohexane	7.777	56	32396	11.201	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	29737	10.625	ug/l	97
36) 1,1-Dichloropropene	7.917	75	26025	10.744	ug/l	99
37) Ethyl Acetate	7.070	43	15799	10.948	ug/l #	92
38) Carbon Tetrachloride	7.899	117	26666	10.618	ug/l	96
39) Methylcyclohexane	9.173	83	30606	10.452	ug/l	96
40) Benzene	8.155	78	76676	10.748	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	8050	10.320	ug/l #	30
42) 1,2-Dichloroethane	8.234	62	21689	10.472	ug/l	89
43) Isopropyl Acetate	8.264	43	28172	10.551	ug/l	92
44) Trichloroethene	8.935	130	21417	10.533	ug/l	95
45) 1,2-Dichloropropane	9.209	63	20050	11.069	ug/l #	83
46) Dibromomethane	9.301	93	11083	10.698	ug/l	96
47) Bromodichloromethane	9.496	83	26211	10.585	ug/l	98
48) Methyl methacrylate	9.289	41	12386	10.470	ug/l	93
49) 1,4-Dioxane	9.295	88	3214	220.214	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	76452	54.518	ug/l	95
52) Toluene	10.240	92	48847	10.746	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	26284	10.128	ug/l	91
54) cis-1,3-Dichloropropene	9.929	75	31205	10.614	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	15560	10.597	ug/l	95
56) Ethyl methacrylate	10.508	69	19507	9.847	ug/l	89
57) 1,3-Dichloropropane	10.788	76	27262	10.898	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	41644	48.107	ug/l	96
59) 2-Hexanone	10.831	43	50933	52.902	ug/l	91
60) Dibromochloromethane	10.977	129	18516	10.299	ug/l	100
61) 1,2-Dibromoethane	11.087	107	15261	10.744	ug/l	99
64) Tetrachloroethene	10.715	164	23104	10.833	ug/l	93
65) Chlorobenzene	11.514	112	53267	10.680	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	19284	10.552	ug/l	96
67) Ethyl Benzene	11.593	91	91808	10.550	ug/l	98
68) m/p-Xylenes	11.703	106	73600	21.471	ug/l	91
69) o-Xylene	12.026	106	34244	10.515	ug/l	93
70) Styrene	12.044	104	56368	10.337	ug/l	96
71) Bromoform	12.203	173	11844	10.183	ug/l #	98
73) Isopropylbenzene	12.331	105	91244	10.374	ug/l	99
74) N-amyl acetate	12.142	43	24276	9.982	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	18147	10.487	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	23893	18.454	ug/l #	100
77) Bromobenzene	12.605	156	22309	10.349	ug/l	96
78) n-propylbenzene	12.672	91	111207	10.458	ug/l	98
79) 2-Chlorotoluene	12.758	91	62352	10.392	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	76723	10.461	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	6276	9.737	ug/l	87
82) 4-Chlorotoluene	12.855	91	66186	10.579	ug/l	98
83) tert-Butylbenzene	13.075	119	66294	10.310	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	75351	10.468	ug/l	97
85) sec-Butylbenzene	13.251	105	100456	10.511	ug/l	97
86) p-Isopropyltoluene	13.367	119	82087	10.354	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	45137	10.868	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	44763	10.637	ug/l	99
89) n-Butylbenzene	13.696	91	78089	10.438	ug/l	98
90) Hexachloroethane	13.959	117	15917	10.597	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	39916	10.655	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3066	9.971	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	22708	9.676	ug/l	98
94) Hexachlorobutadiene	15.111	225	12975	10.054	ug/l	96
95) Naphthalene	15.239	128	43373	8.909	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	18979	9.254	ug/l	97

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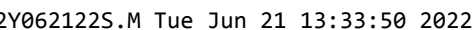
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MSVOA_Y
ClientSampleId :
VSTDICC010

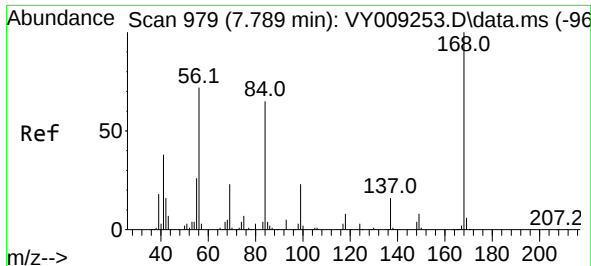
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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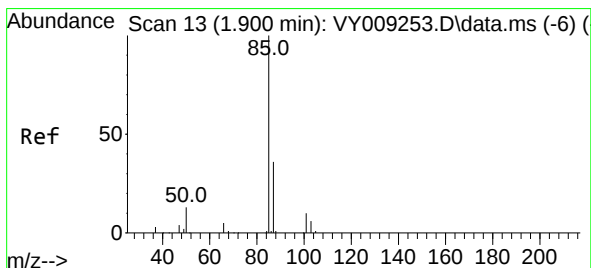
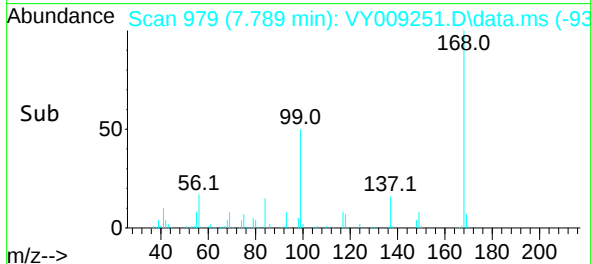
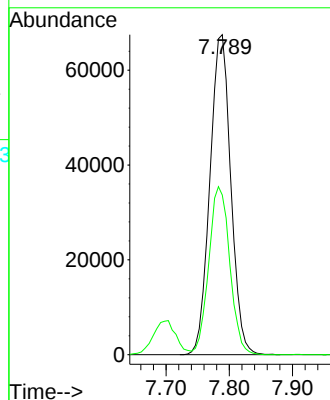
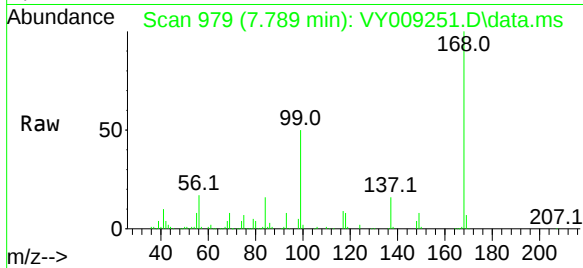




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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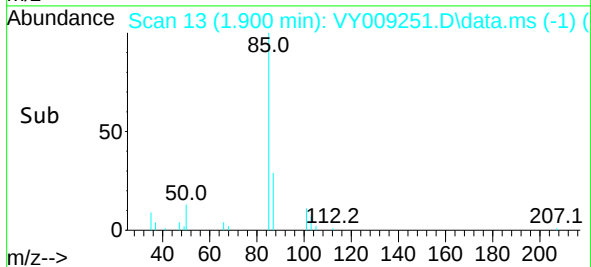
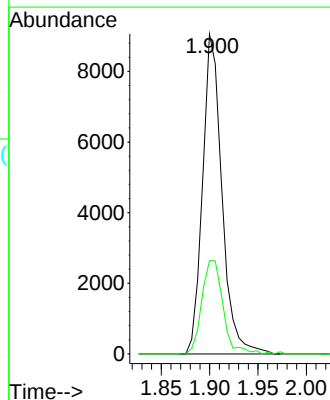
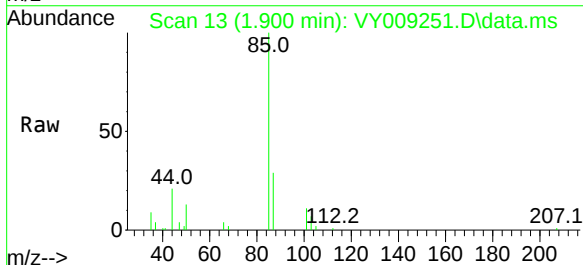
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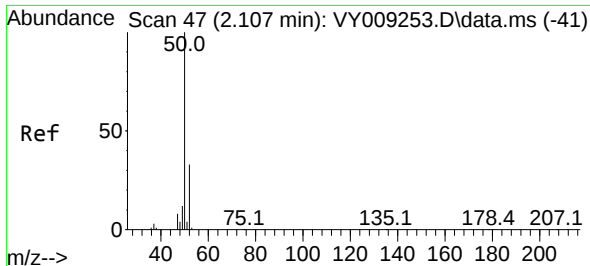
Tgt Ion:168 Resp: 155079
Ion Ratio Lower Upper
168 100
99 49.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 10.897 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 85 Resp: 12634
Ion Ratio Lower Upper
85 100
87 29.2 16.1 48.2

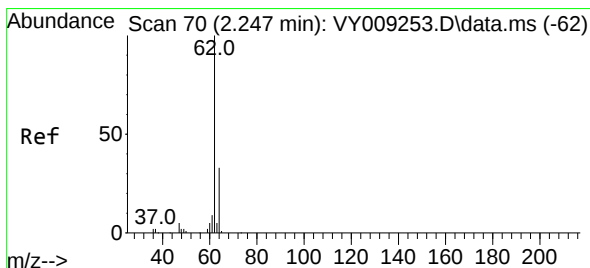
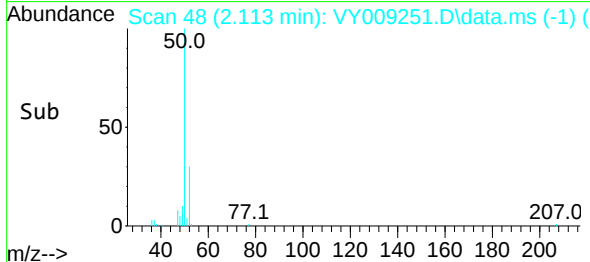
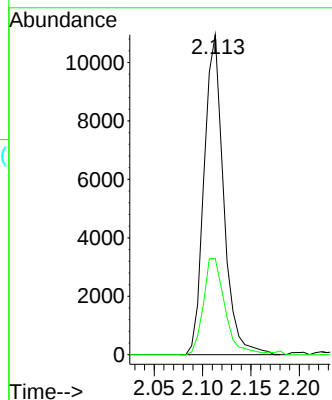
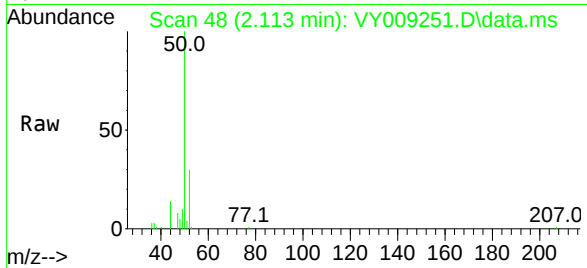




#3
Chloromethane
Concen: 10.693 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

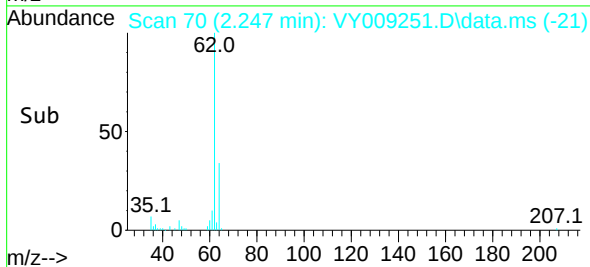
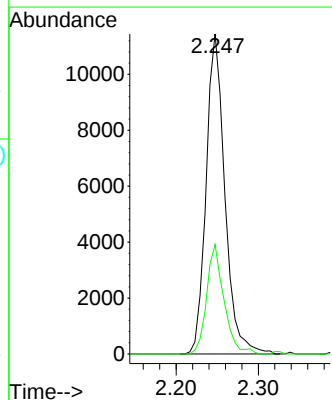
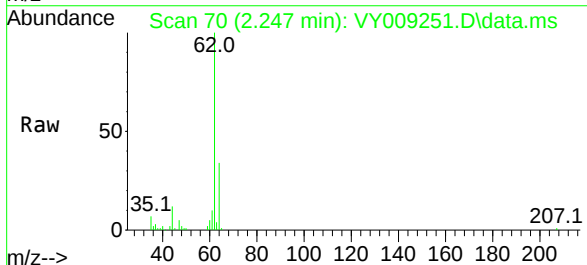
Instrument :
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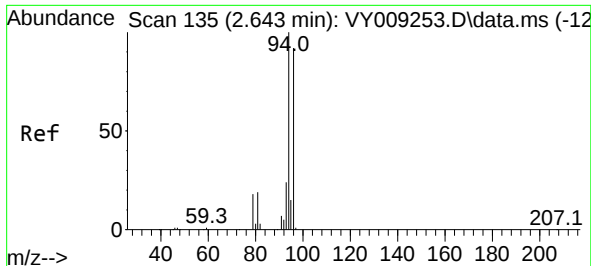
Tgt Ion: 50 Resp: 15399
Ion Ratio Lower Upper
50 100
52 30.1 24.6 37.0



#4
Vinyl Chloride
Concen: 11.935 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 62 Resp: 18128
Ion Ratio Lower Upper
62 100
64 34.2 25.0 37.6

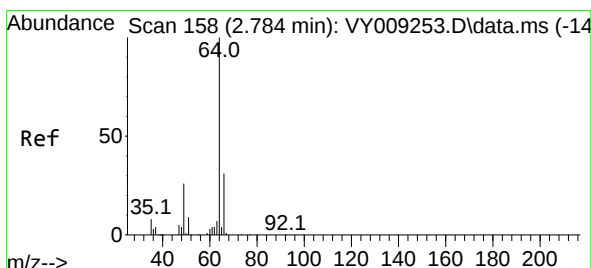
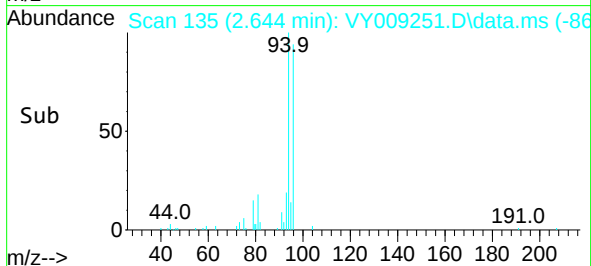
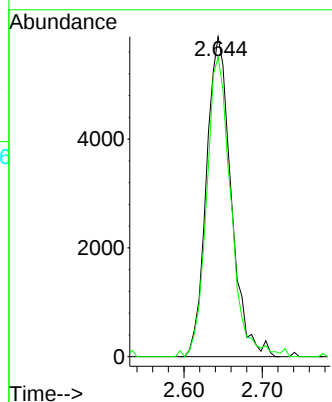
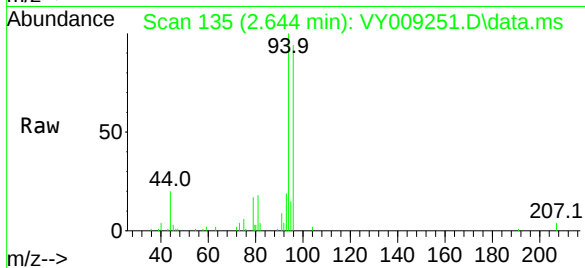




#5
Bromomethane
Concen: 12.058 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

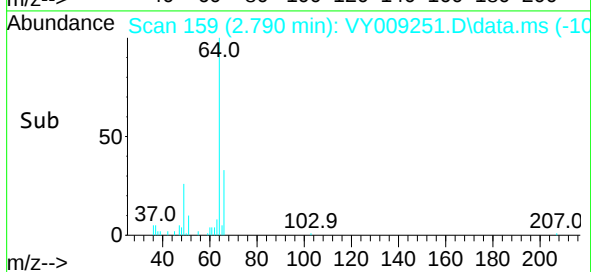
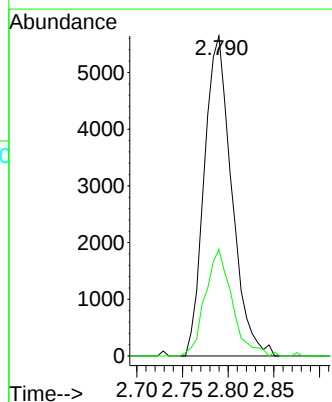
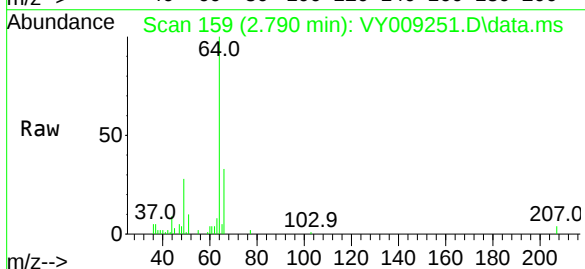
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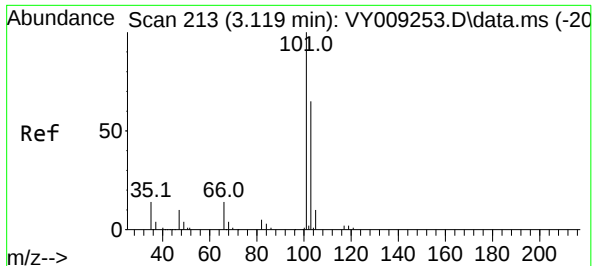
Tgt Ion: 94 Resp: 12876
Ion Ratio Lower Upper
94 100
96 92.6 73.5 110.3



#6
Chloroethane
Concen: 12.325 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 64 Resp: 11749
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.0

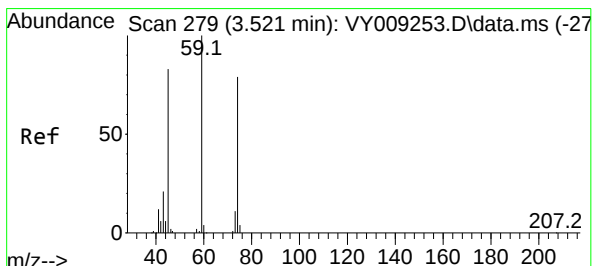
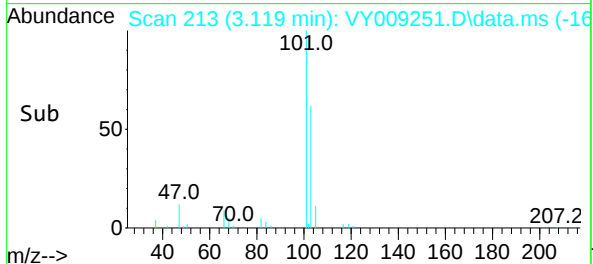
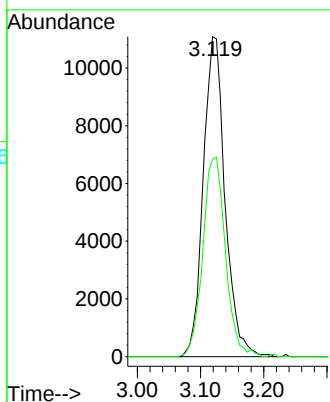
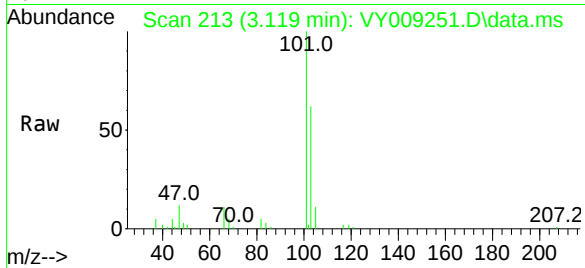




#7
 Trichlorofluoromethane
 Concen: 10.969 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY009251.D
 Acq: 21 Jun 2022 12:10

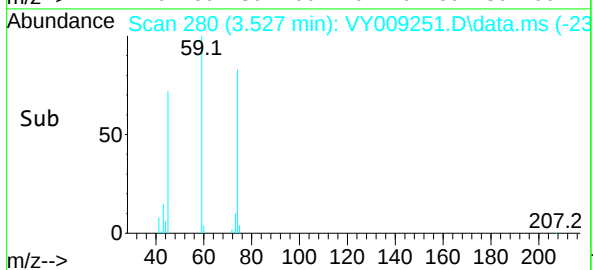
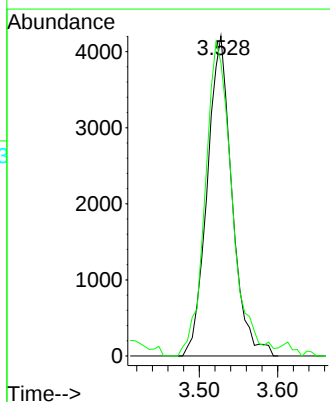
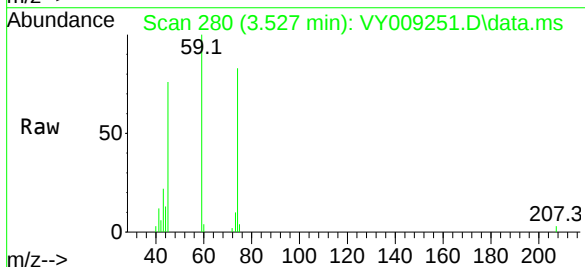
Instrument :
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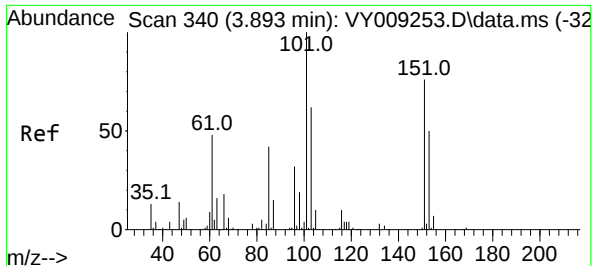
Tgt Ion:101 Resp: 26558
 Ion Ratio Lower Upper
 101 100
 103 61.7 48.0 72.0



#8
 Diethyl Ether
 Concen: 10.076 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 9230
 Ion Ratio Lower Upper
 74 100
 45 106.8 55.1 165.5

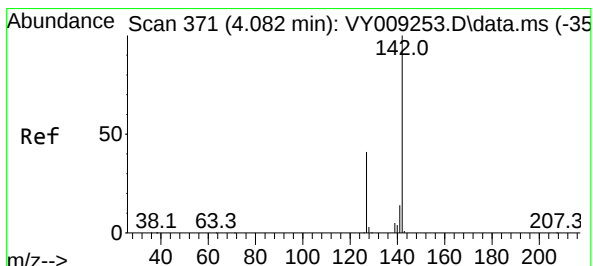
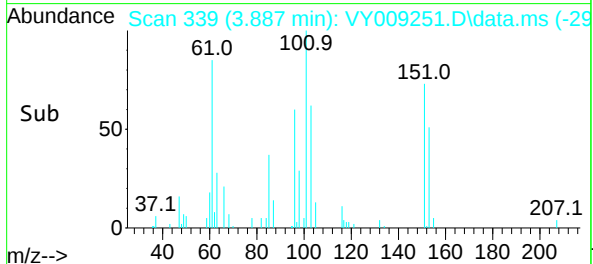
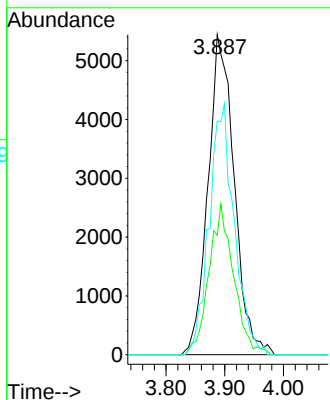
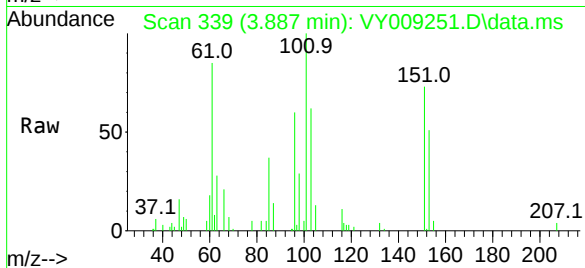




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.235 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

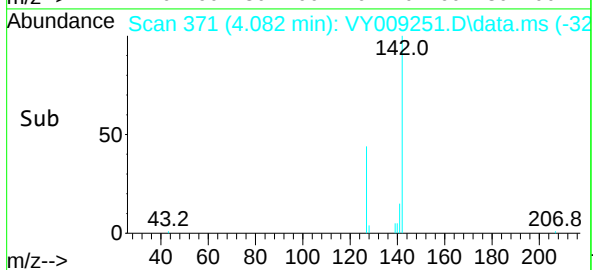
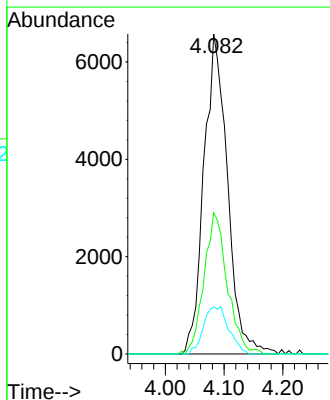
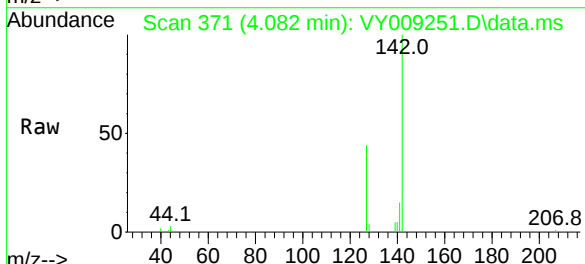
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MSVOA_Y
ClientSampleId :
VSTDIC010

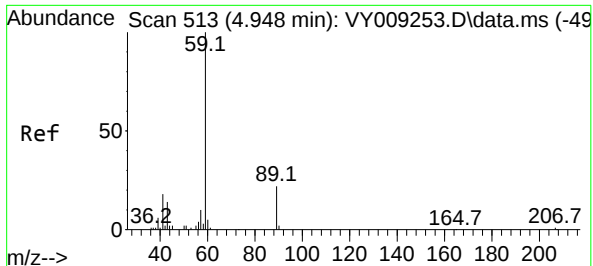
Tgt Ion:101 Resp: 16823
Ion Ratio Lower Upper
101 100
85 44.3 40.6 60.8
151 75.1 64.9 97.3



#10
Methyl Iodide
Concen: 9.625 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion:142 Resp: 18335
Ion Ratio Lower Upper
142 100
127 43.5 41.5 62.3
141 15.8 11.9 17.9





#11

Tert butyl alcohol

Concen: 60.805 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

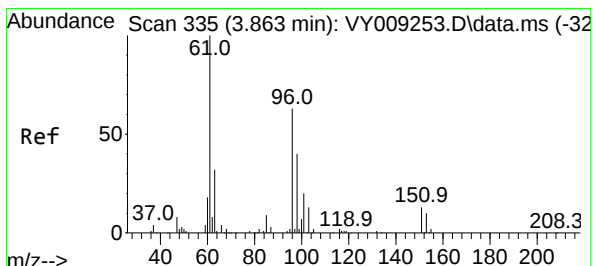
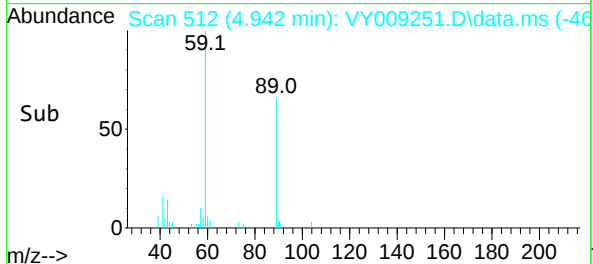
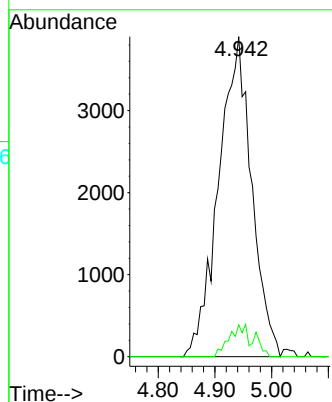
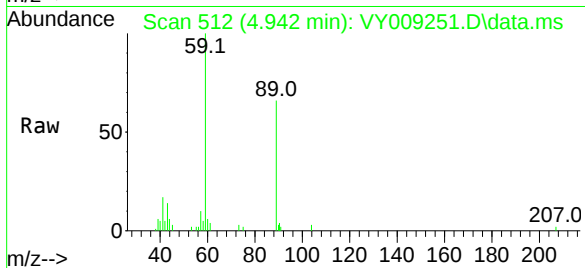
VSTDIC010

Tgt Ion: 59 Resp: 15750

Ion Ratio Lower Upper

59 100

57 5.8 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 10.906 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.000 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

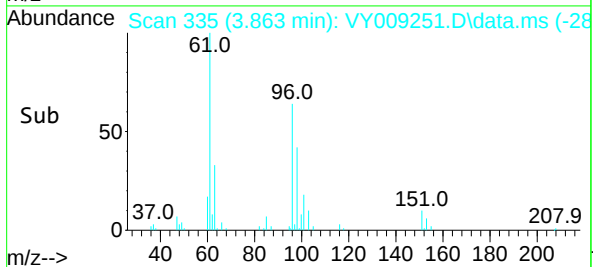
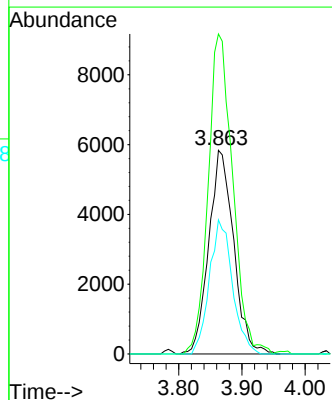
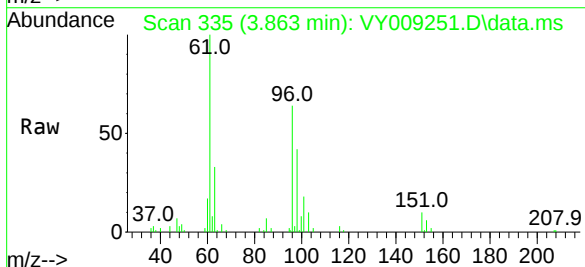
Tgt Ion: 96 Resp: 15914

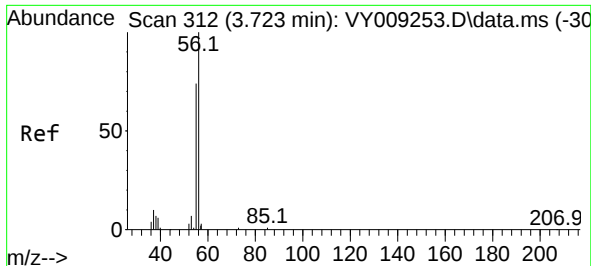
Ion Ratio Lower Upper

96 100

61 157.1 145.8 218.6

98 65.8 52.5 78.7

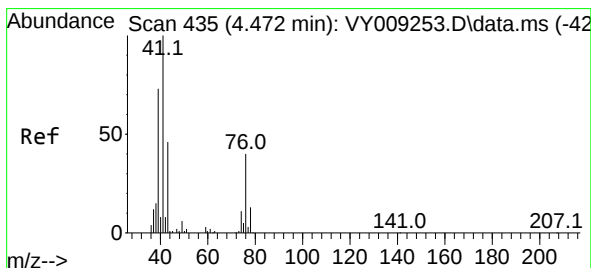
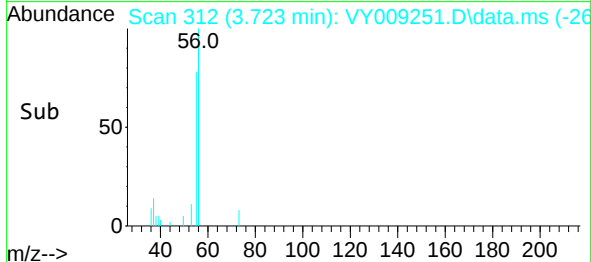
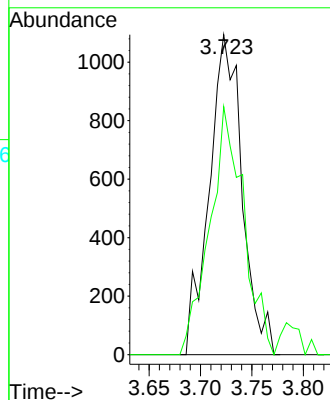
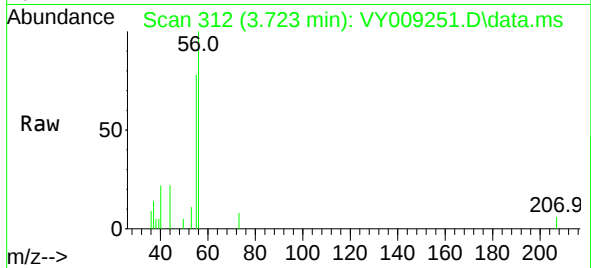




#13
Acrolein
Concen: 39.575 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

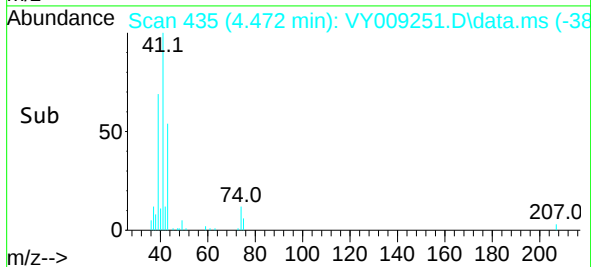
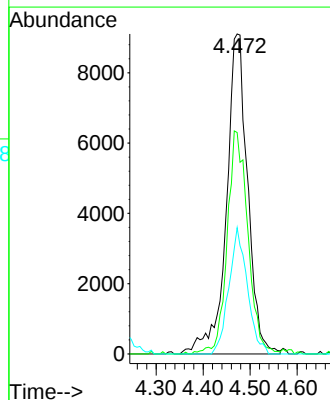
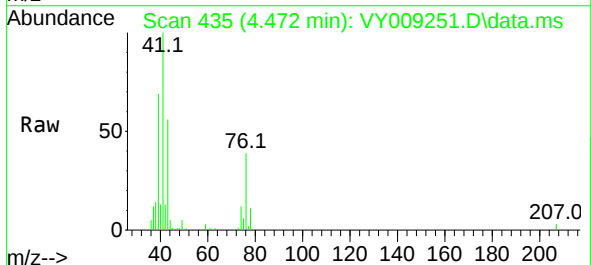
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

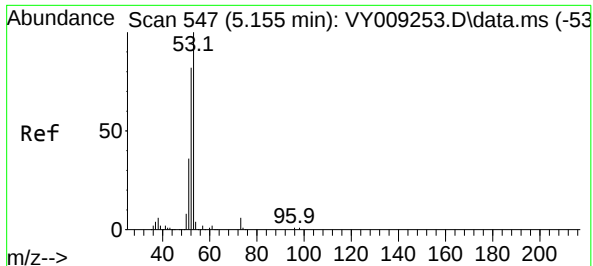
Tgt Ion: 56 Resp: 2433
Ion Ratio Lower Upper
56 100
55 79.9 57.6 86.4



#14
Allyl chloride
Concen: 10.869 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 41 Resp: 28663
Ion Ratio Lower Upper
41 100
39 67.6 58.8 88.2
76 34.2 25.1 37.7

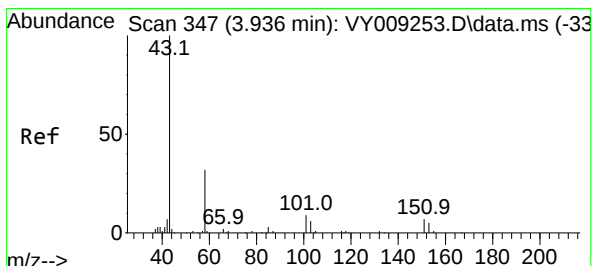
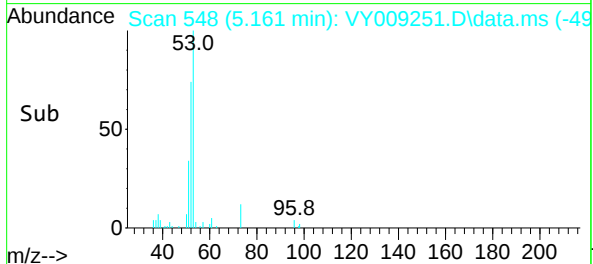
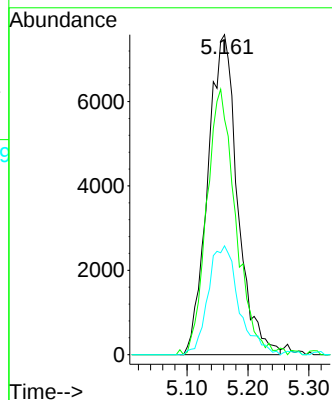
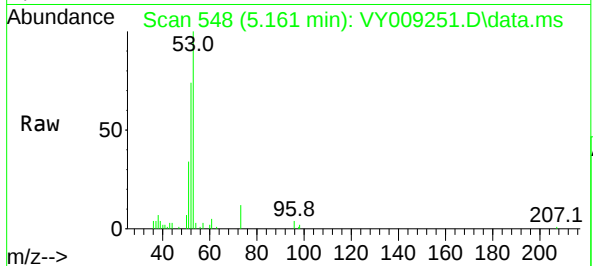




#15
Acrylonitrile
Concen: 52.421 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

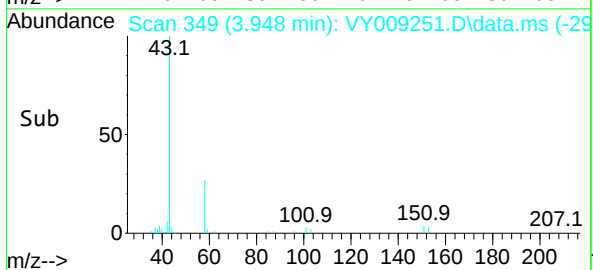
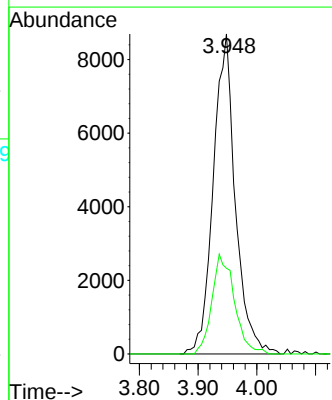
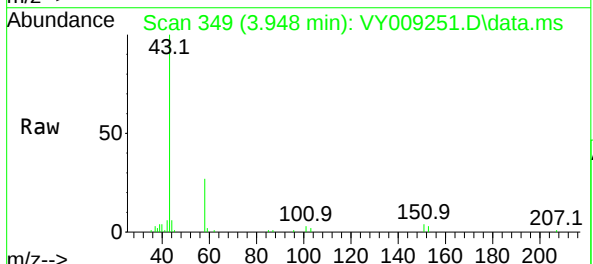
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

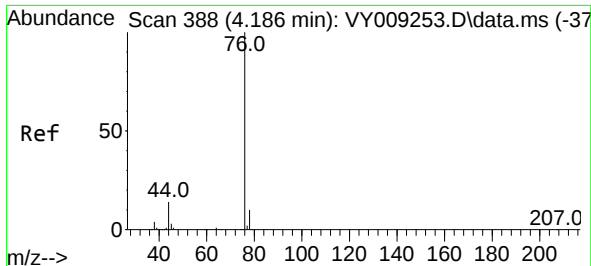
Tgt Ion: 53 Resp: 25785
Ion Ratio Lower Upper
53 100
52 80.4 67.0 100.4
51 35.0 29.8 44.6



#16
Acetone
Concen: 55.796 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 43 Resp: 22662
Ion Ratio Lower Upper
43 100
58 26.8 22.0 33.0

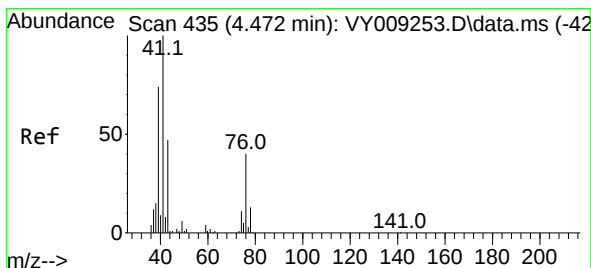
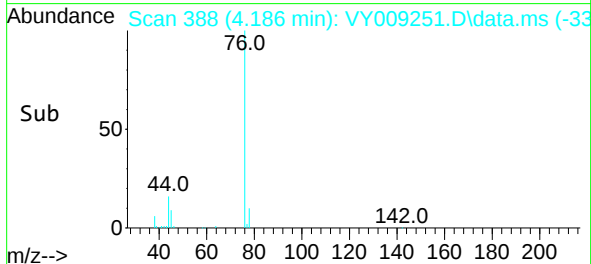
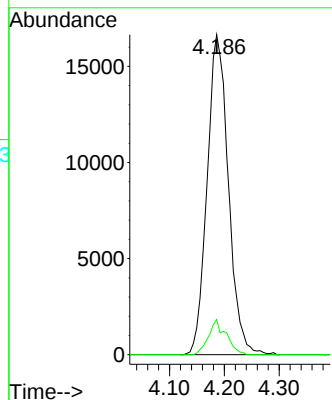
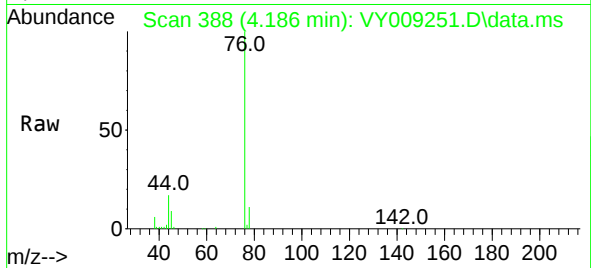




#17
Carbon Disulfide
Concen: 10.651 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

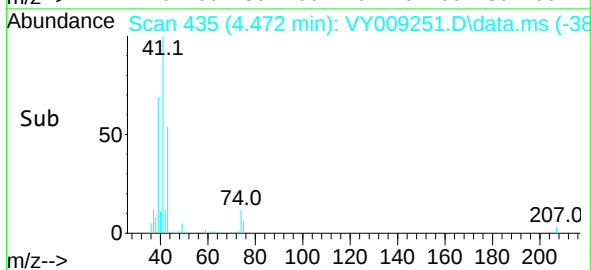
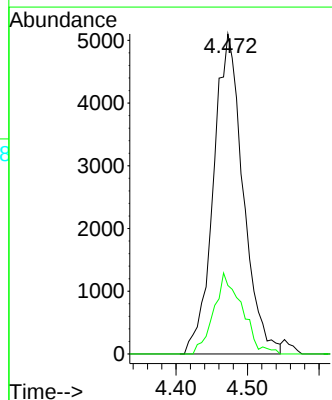
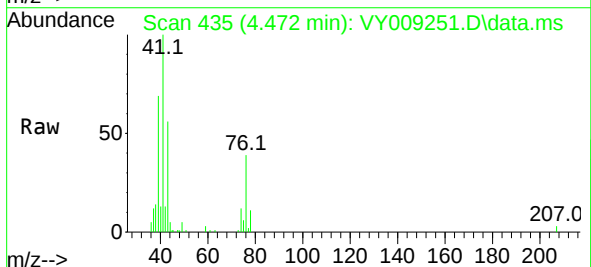
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

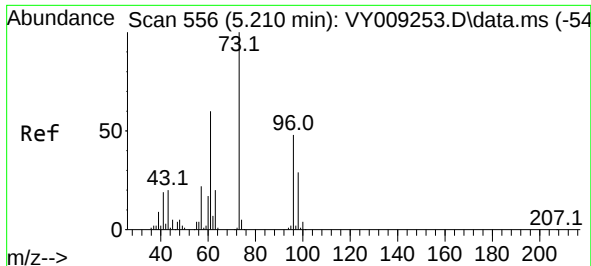
Tgt Ion: 76 Resp: 44824
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.0



#18
Methyl Acetate
Concen: 10.900 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 43 Resp: 14723
Ion Ratio Lower Upper
43 100
74 24.0 16.6 24.8

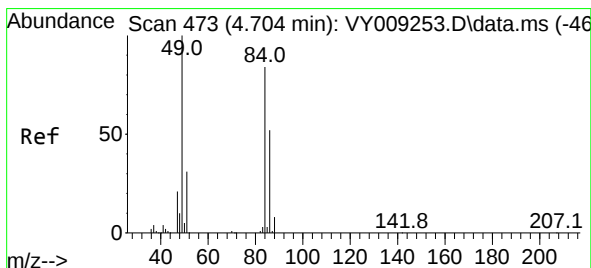
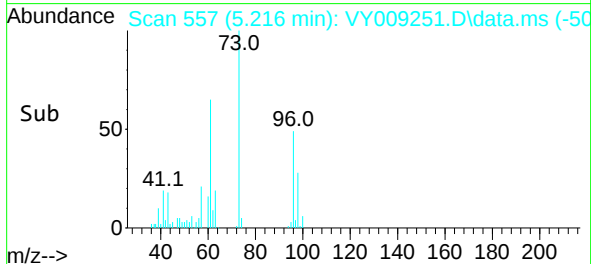
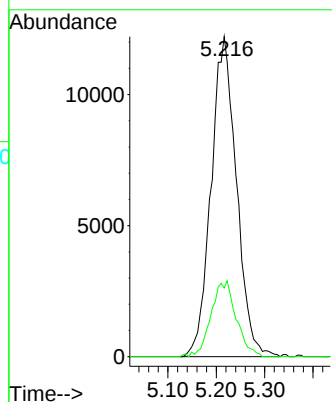
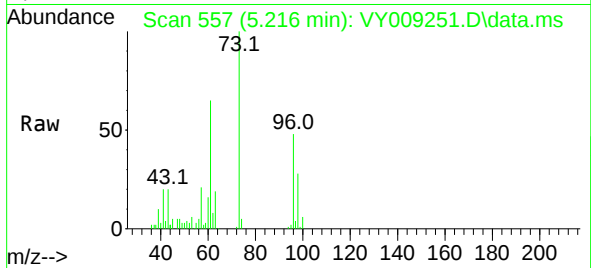




#19
Methyl tert-butyl Ether
Concen: 10.017 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

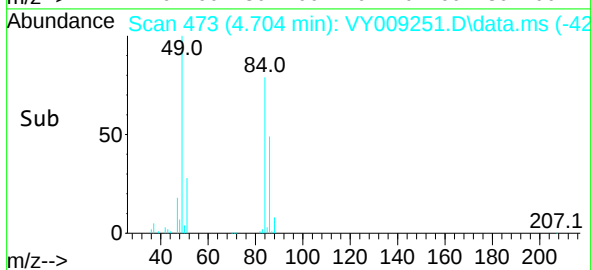
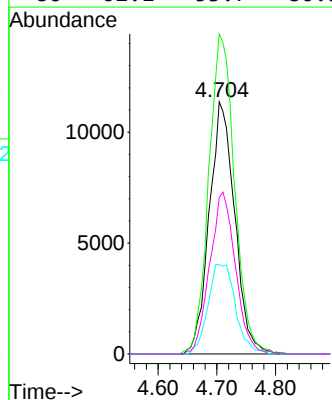
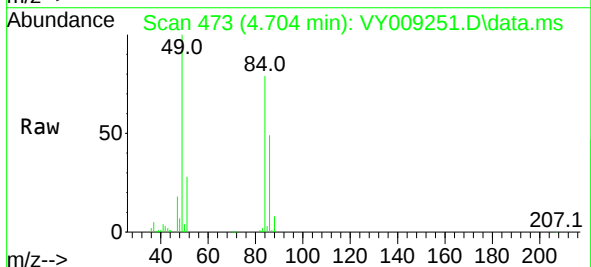
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

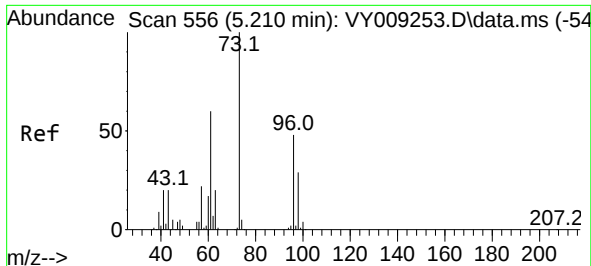
Tgt Ion: 73 Resp: 44457
Ion Ratio Lower Upper
73 100
57 21.5 18.6 27.8



#20
Methylene Chloride
Concen: 16.272 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 84 Resp: 34283
Ion Ratio Lower Upper
84 100
49 126.9 114.4 171.6
51 35.4 35.3 52.9
86 62.1 53.7 80.5

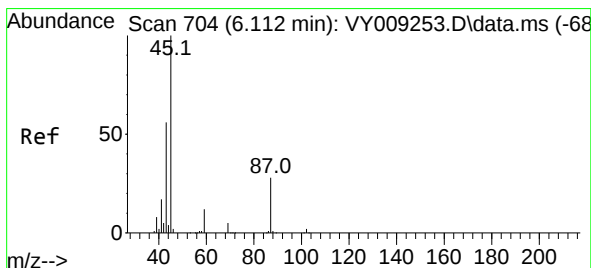
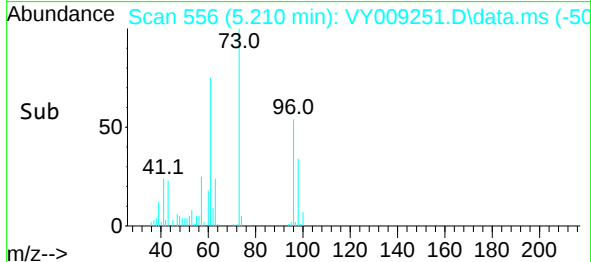
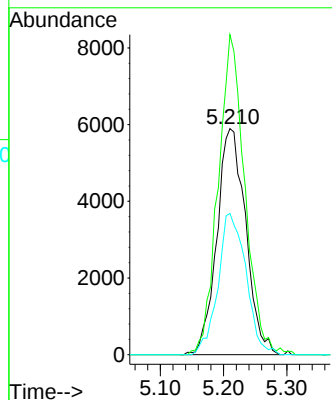
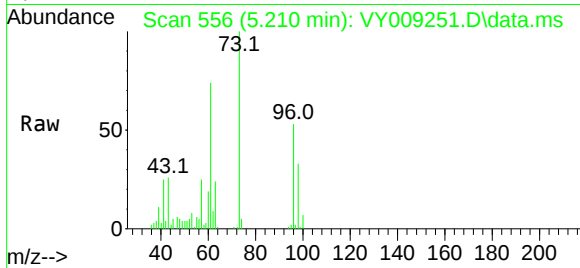




#21
trans-1,2-Dichloroethene
Concen: 10.858 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

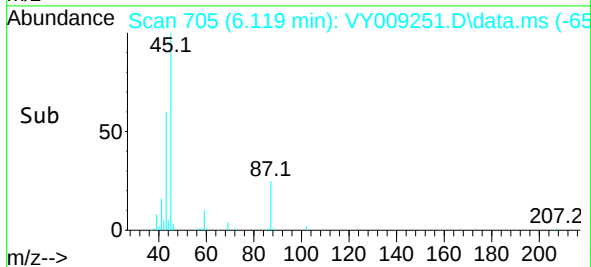
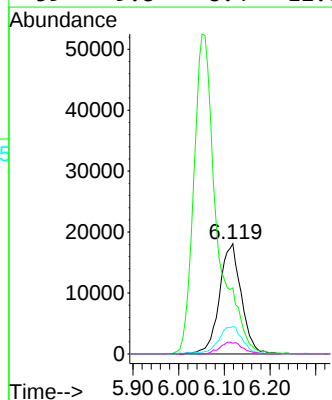
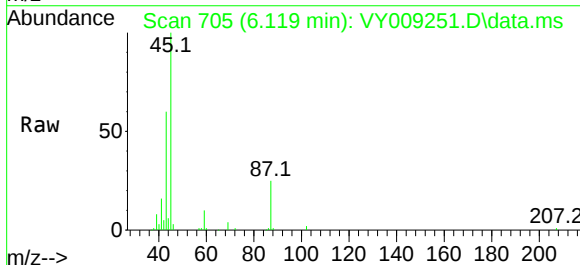
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

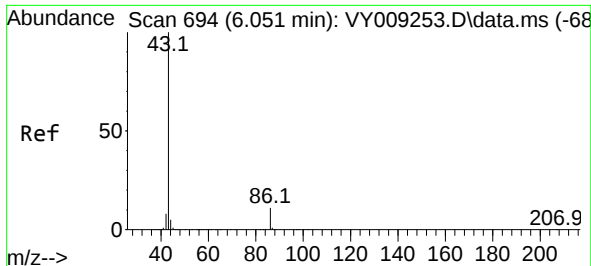
Tgt Ion: 96 Resp: 18659
Ion Ratio Lower Upper
96 100
61 141.5 120.5 180.7
98 62.5 49.8 74.8



#22
Diisopropyl ether
Concen: 10.913 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 45 Resp: 60137
Ion Ratio Lower Upper
45 100
43 59.0 49.3 73.9
87 24.7 19.2 28.8
59 9.8 8.4 12.6

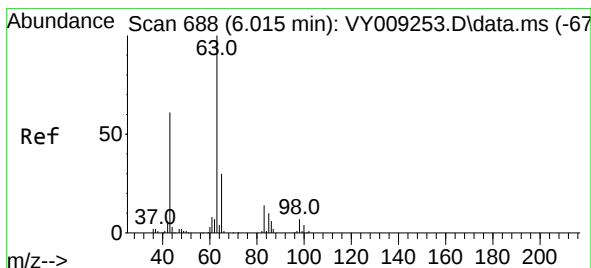
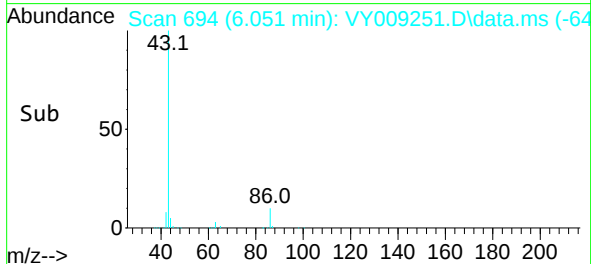
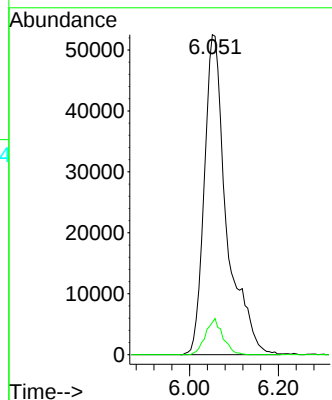
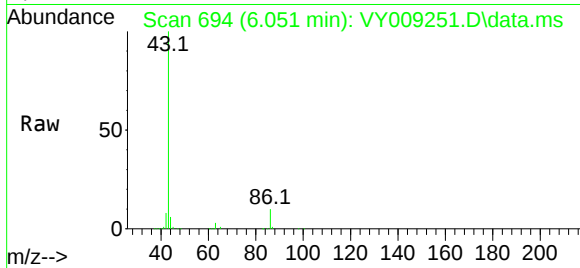




#23
 Vinyl Acetate
 Concen: 53.348 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009251.D
 Acq: 21 Jun 2022 12:10

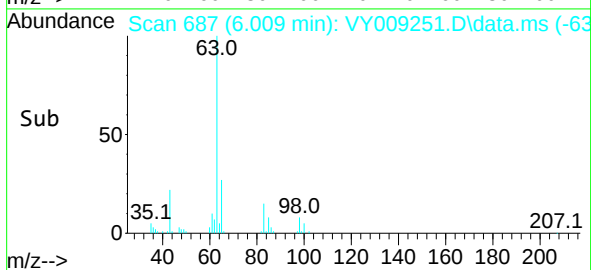
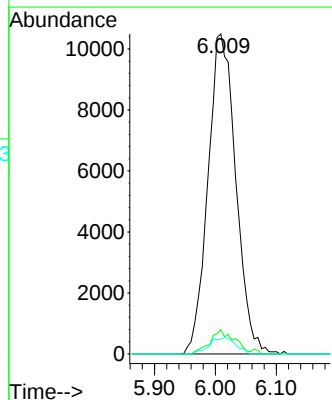
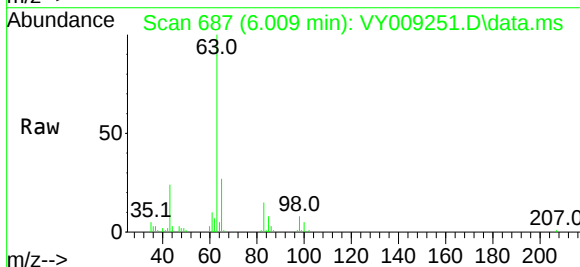
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

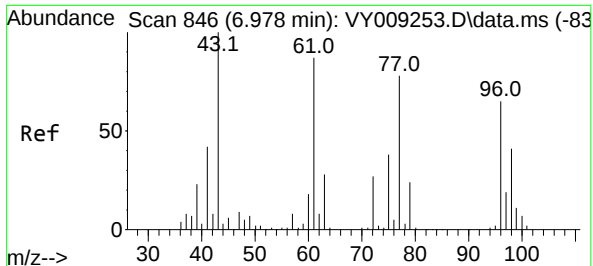
Tgt Ion: 43 Resp: 183861
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 10.770 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY009251.D
 Acq: 21 Jun 2022 12:10

Tgt Ion: 63 Resp: 33397
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 4.7 2.0 5.8





#25

2-Butanone

Concen: 55.330 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

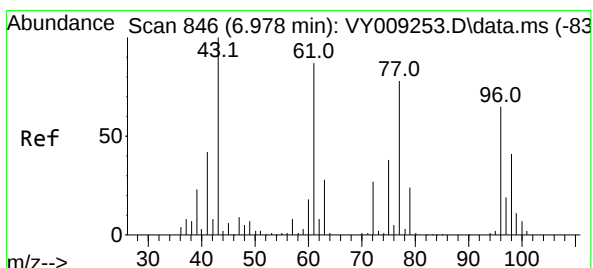
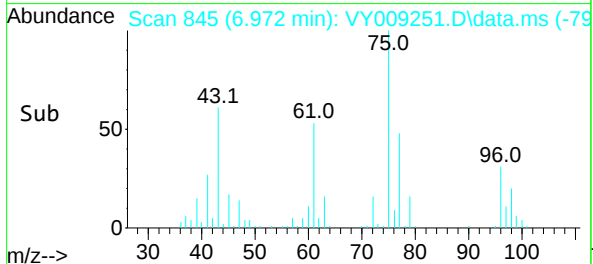
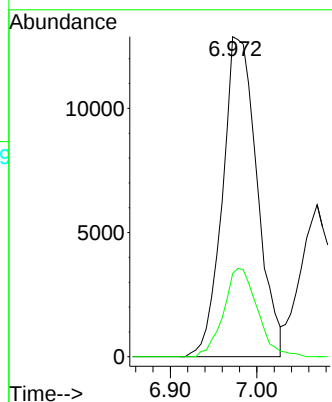
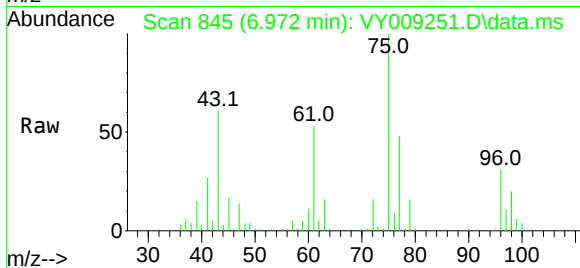
VSTDIC010

Tgt Ion: 43 Resp: 35673

Ion Ratio Lower Upper

43 100

72 26.0 17.7 26.5



#26

2,2-Dichloropropane

Concen: 11.535 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009251.D

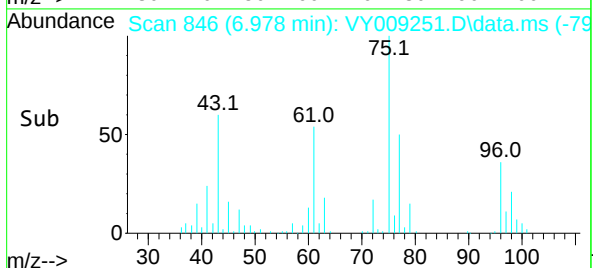
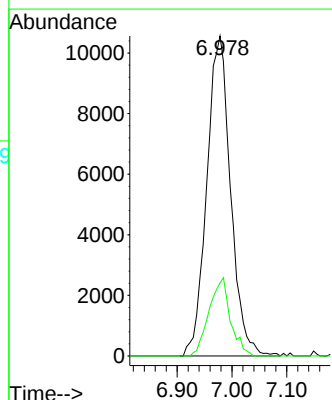
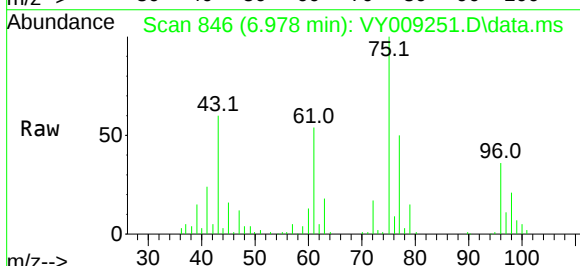
Acq: 21 Jun 2022 12:10

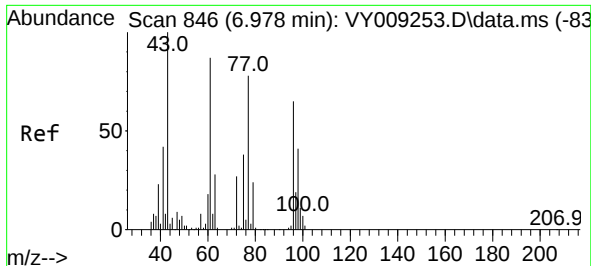
Tgt Ion: 77 Resp: 31884

Ion Ratio Lower Upper

77 100

97 21.9 10.4 31.4

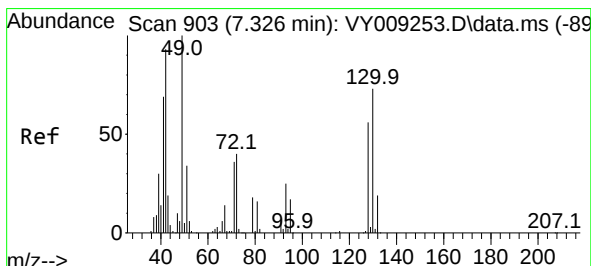
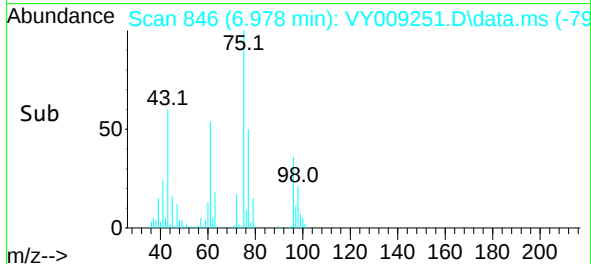
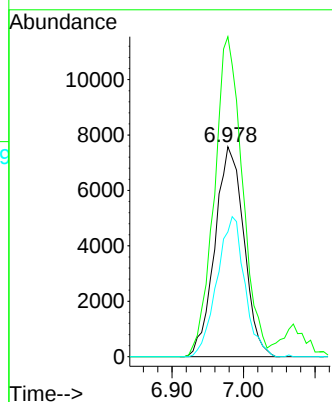
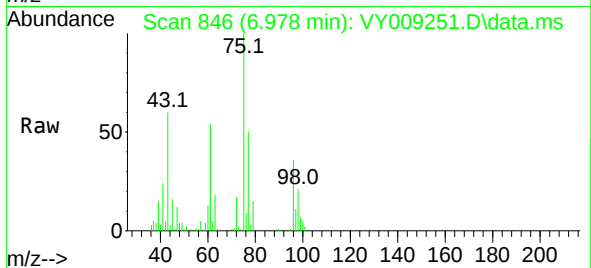




#27
 cis-1,2-Dichloroethene
 Concen: 10.532 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY009251.D
 Acq: 21 Jun 2022 12:10

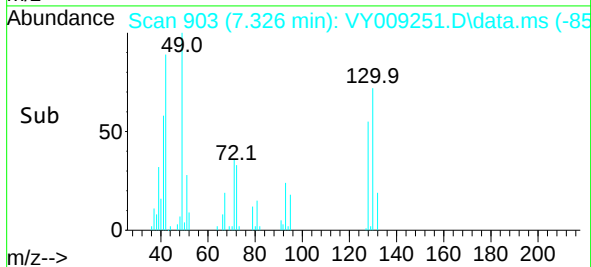
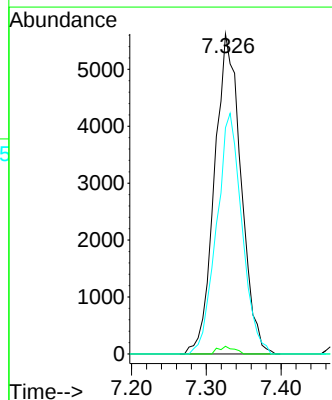
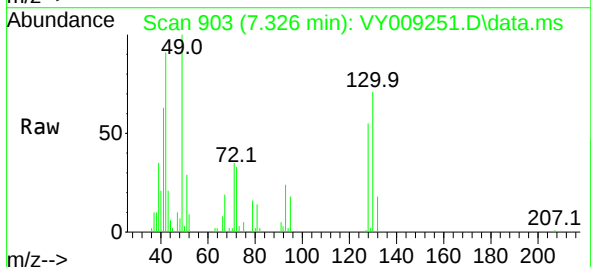
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

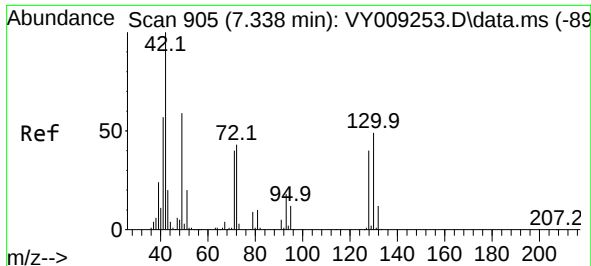
Tgt Ion: 96 Resp: 21336
 Ion Ratio Lower Upper
 96 100
 61 148.7 0.0 319.8
 98 63.8 0.0 127.0



#28
 Bromochloromethane
 Concen: 10.392 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VY009251.D
 Acq: 21 Jun 2022 12:10

Tgt Ion: 49 Resp: 13819
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 2.2
 130 72.5 55.4 83.0





#29

Tetrahydrofuran

Concen: 53.366 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

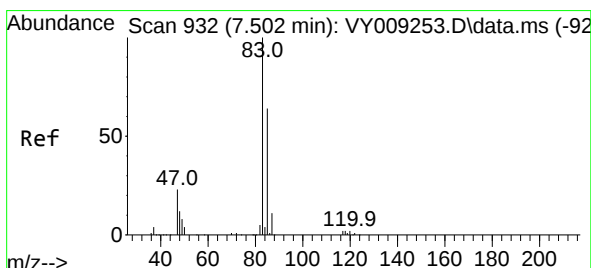
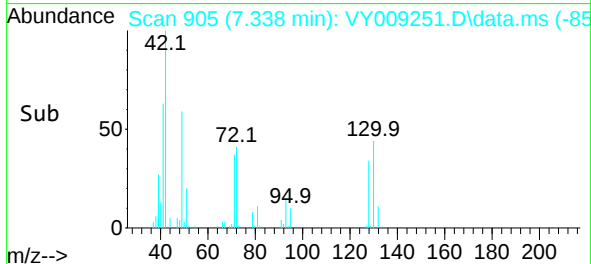
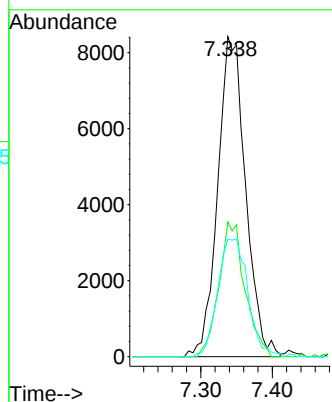
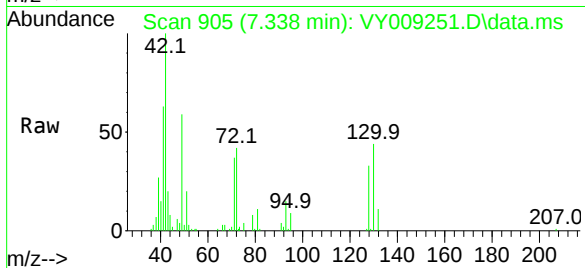
Tgt Ion: 42 Resp: 22740

Ion Ratio Lower Upper

42 100

72 39.5 30.3 45.5

71 39.8 29.0 43.4



#30

Chloroform

Concen: 10.676 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY009251.D

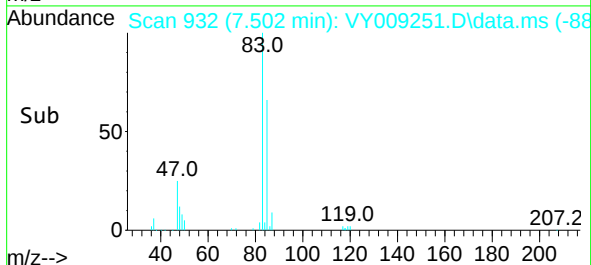
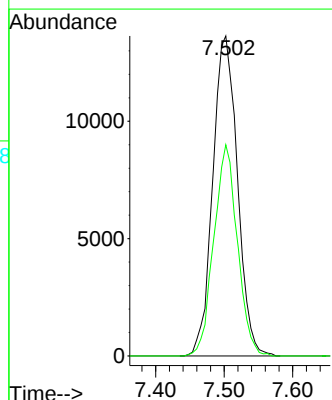
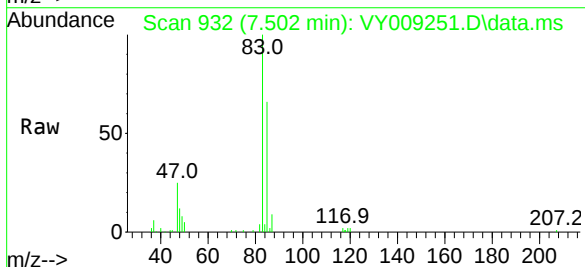
Acq: 21 Jun 2022 12:10

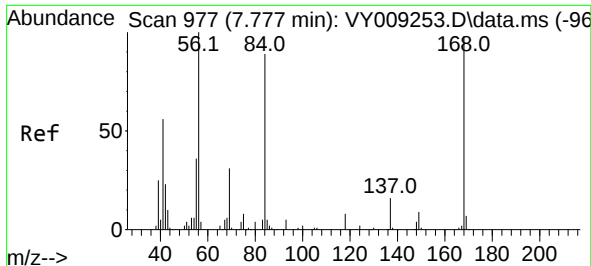
Tgt Ion: 83 Resp: 34114

Ion Ratio Lower Upper

83 100

85 66.0 51.8 77.6

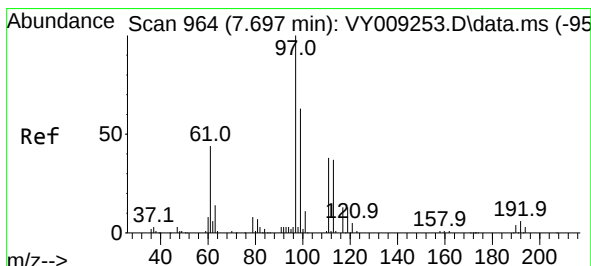
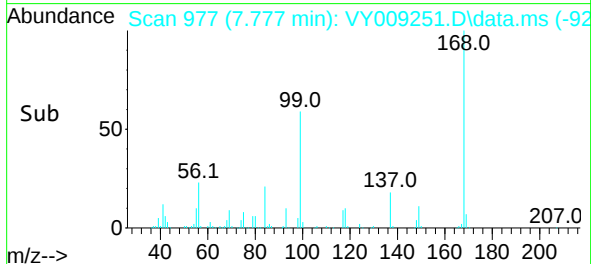
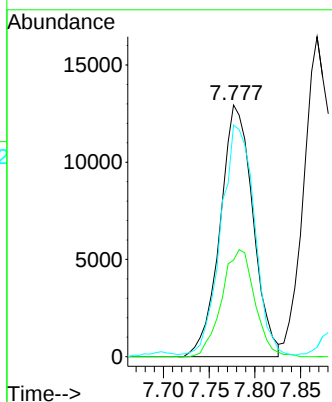
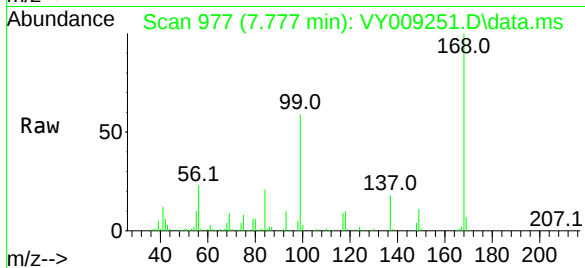




#31
Cyclohexane
Concen: 11.201 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

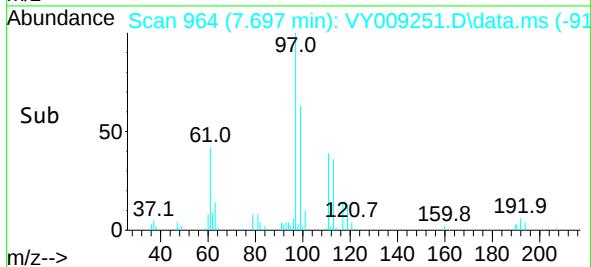
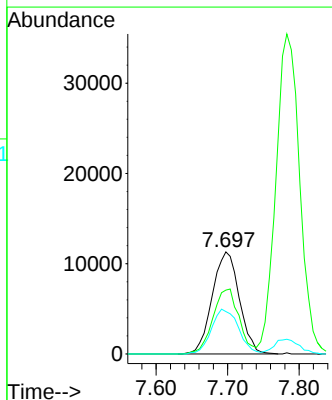
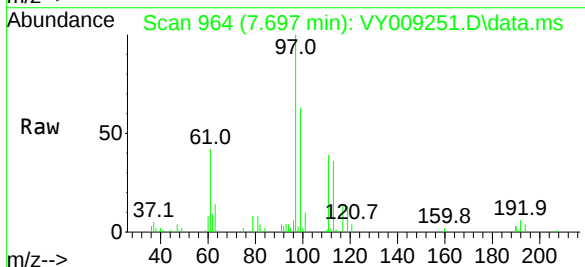
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

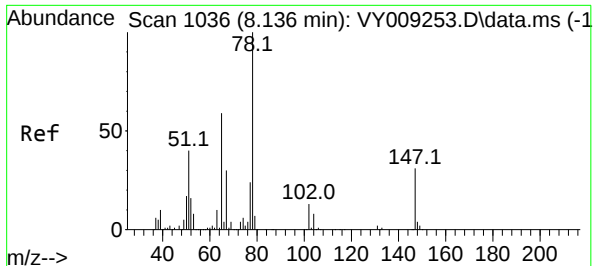
Tgt Ion: 56 Resp: 32396
Ion Ratio Lower Upper
56 100
69 38.4 26.7 40.1
84 91.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 10.625 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 97 Resp: 29737
Ion Ratio Lower Upper
97 100
99 61.7 50.7 76.1
61 43.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 10.807 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

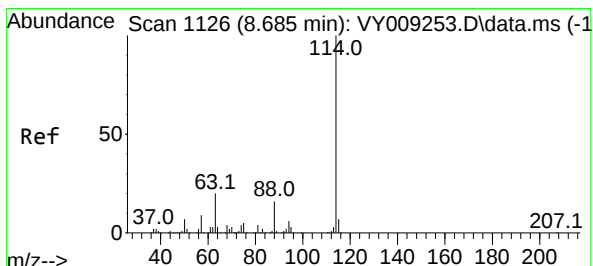
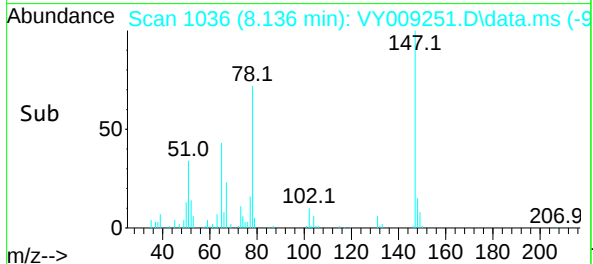
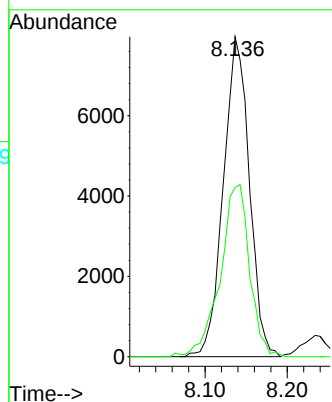
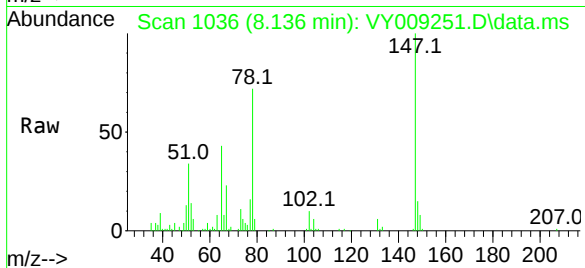
VSTDIC010

Tgt Ion: 65 Resp: 17517

Ion Ratio Lower Upper

65 100

67 60.7 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: VY009251.D

Acq: 21 Jun 2022 12:10

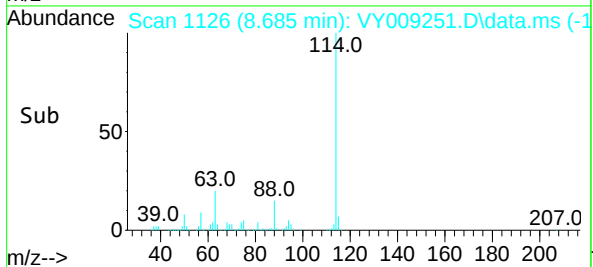
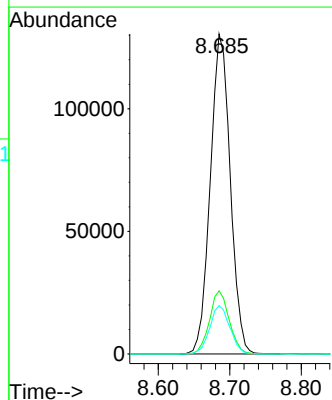
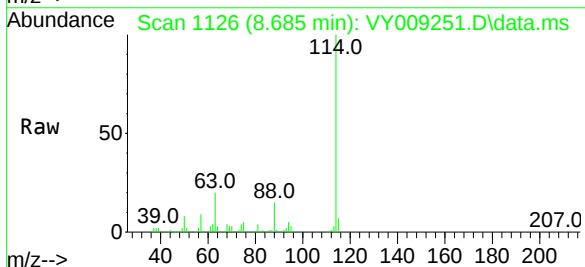
Tgt Ion: 114 Resp: 252994

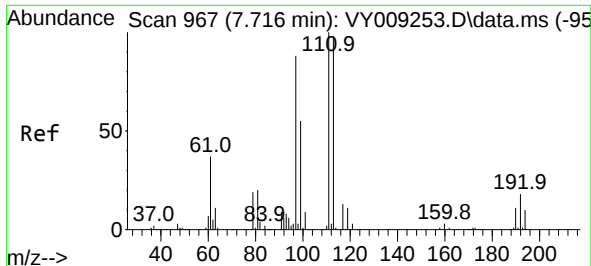
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.1 0.0 31.8

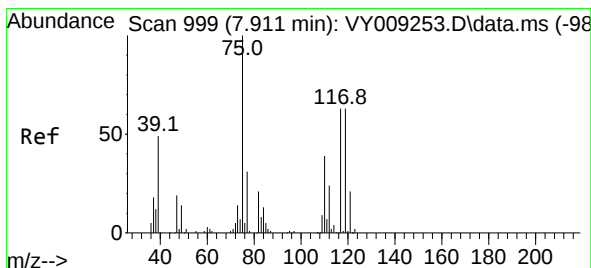
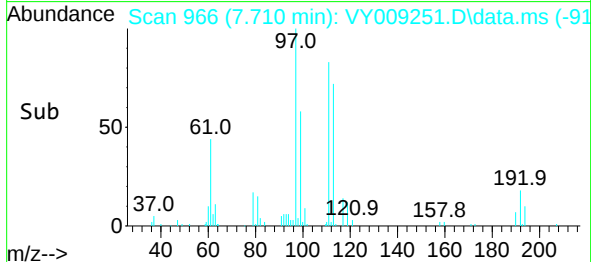
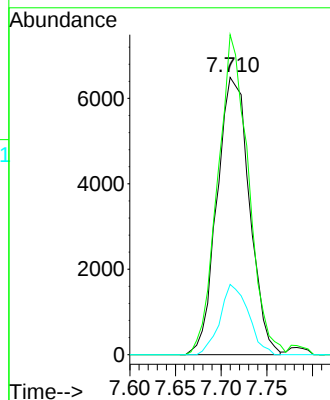
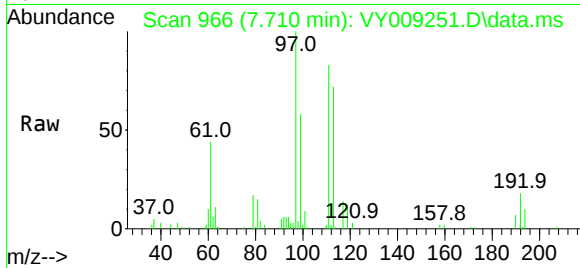




#35
Dibromofluoromethane
Concen: 10.098 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

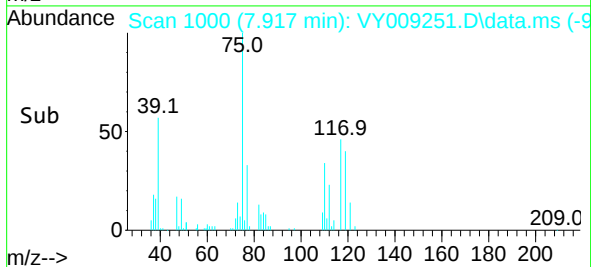
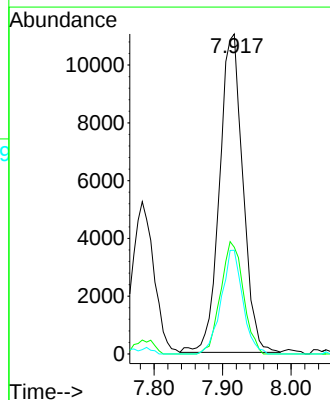
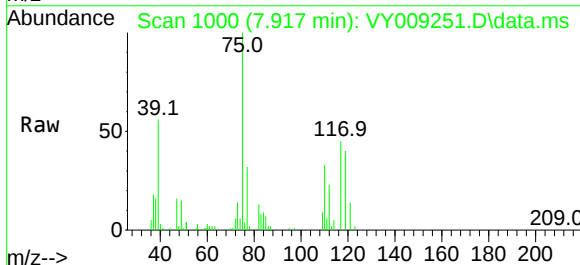
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

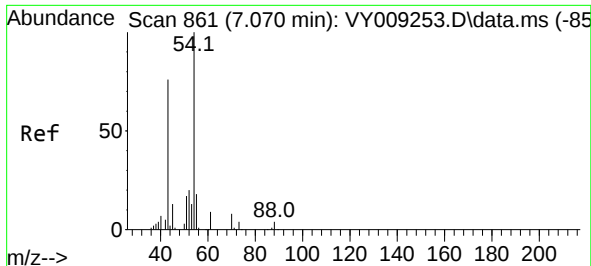
Tgt Ion:113 Resp: 16037
Ion Ratio Lower Upper
113 100
111 108.9 82.6 124.0
192 22.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 10.744 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 75 Resp: 26025
Ion Ratio Lower Upper
75 100
110 34.4 17.1 51.2
77 30.0 24.4 36.6

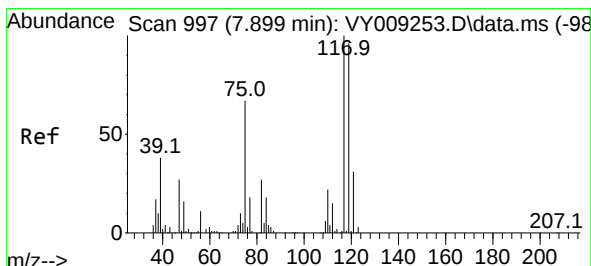
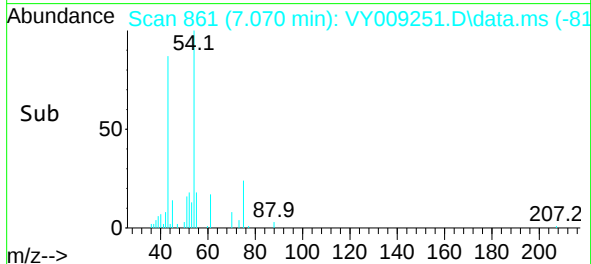
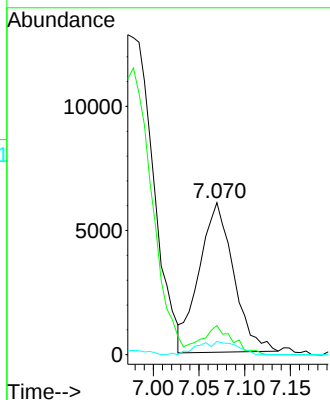
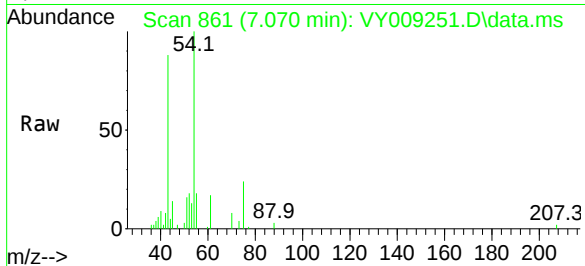




#37
Ethyl Acetate
Concen: 10.948 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

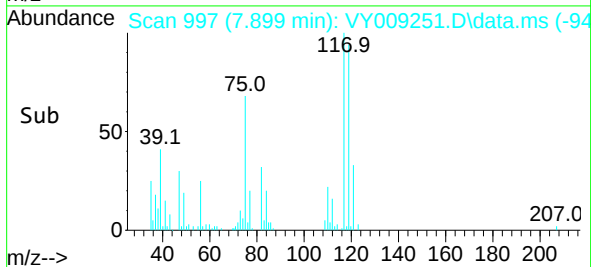
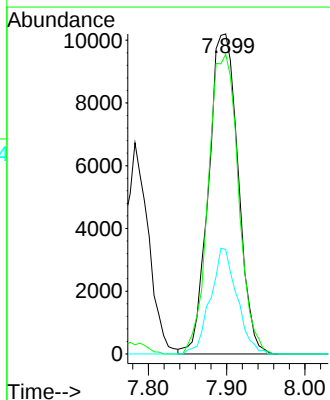
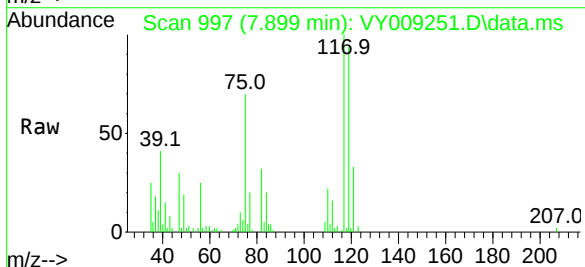
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

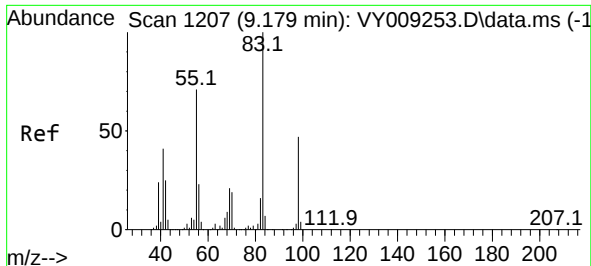
Tgt Ion: 43 Resp: 15799
Ion Ratio Lower Upper
43 100
61 16.8 9.7 14.5#
70 10.1 7.1 10.7



#38
Carbon Tetrachloride
Concen: 10.618 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 117 Resp: 26666
Ion Ratio Lower Upper
117 100
119 93.7 77.9 116.9
121 32.7 24.8 37.2





#39

Methylcyclohexane

Concen: 10.452 ug/l

RT: 9.173 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

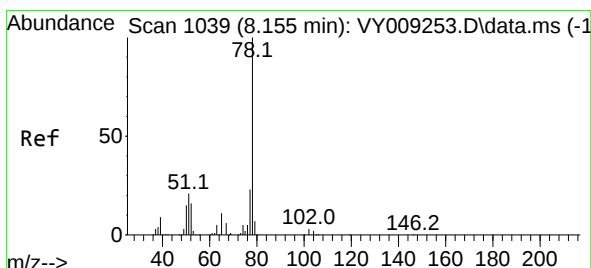
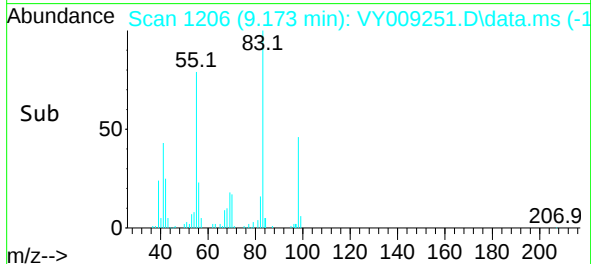
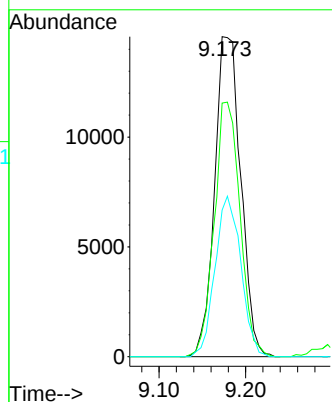
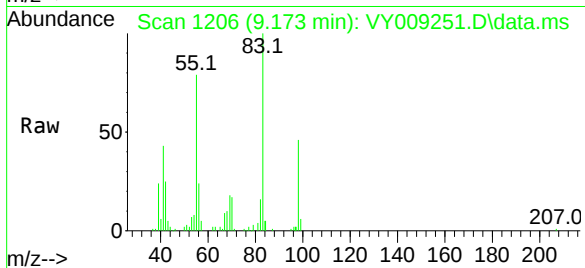
Tgt Ion: 83 Resp: 30606

Ion Ratio Lower Upper

83 100

55 79.3 66.5 99.7

98 45.8 37.9 56.9



#40

Benzene

Concen: 10.748 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY009251.D

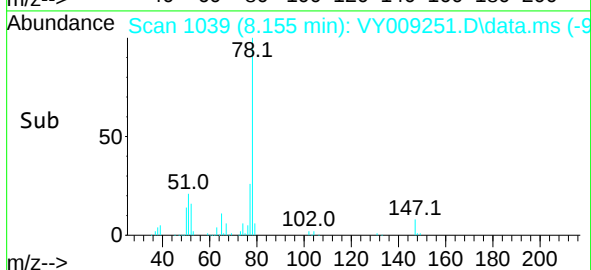
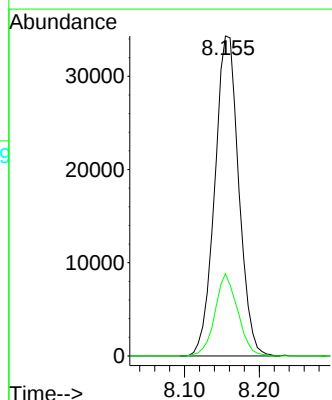
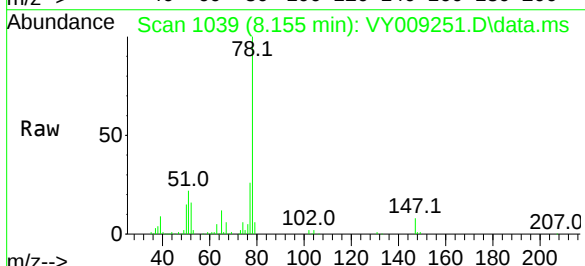
Acq: 21 Jun 2022 12:10

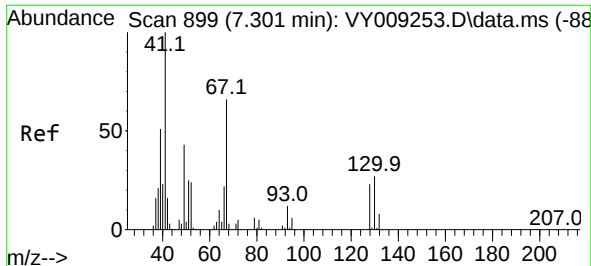
Tgt Ion: 78 Resp: 76676

Ion Ratio Lower Upper

78 100

77 25.7 20.4 30.6

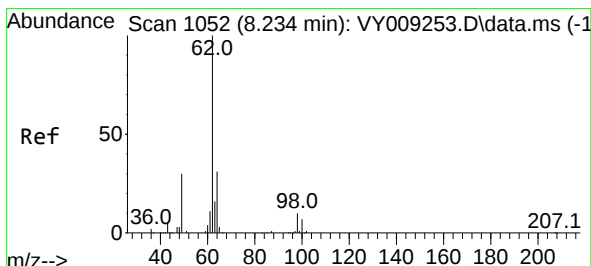
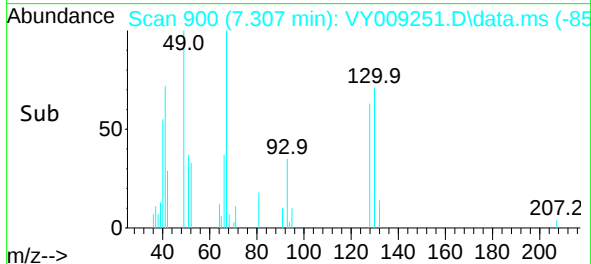
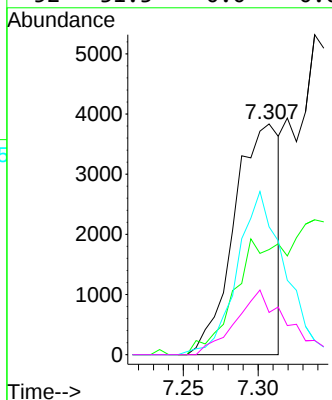
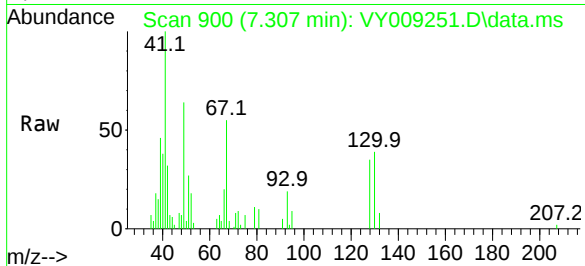




#41
Methacrylonitrile
Concen: 10.320 ug/l
RT: 7.307 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

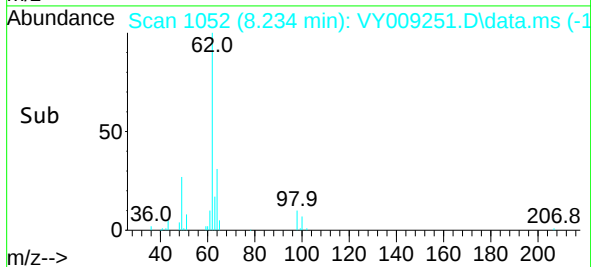
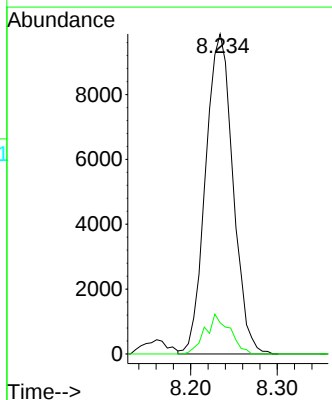
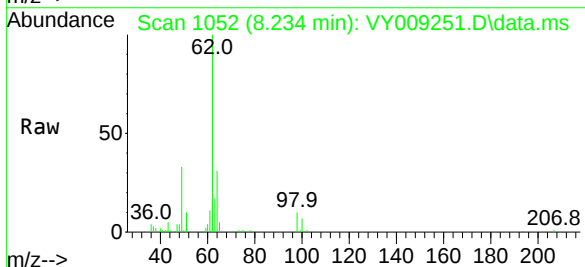
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

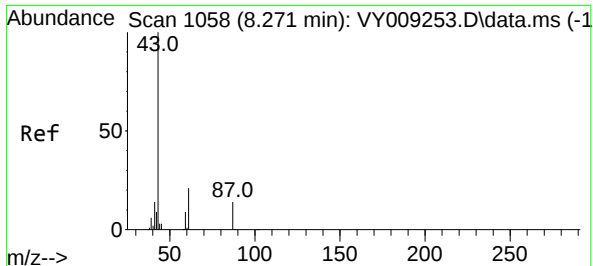
Tgt Ion: 41 Resp: 8050
Ion Ratio Lower Upper
41 100
39 40.3 92.9 139.3#
67 75.6 0.0 0.0#
52 31.3 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 10.472 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 62 Resp: 21689
Ion Ratio Lower Upper
62 100
98 11.1 0.0 14.8





#43

Isopropyl Acetate

Concen: 10.551 ug/l

RT: 8.264 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

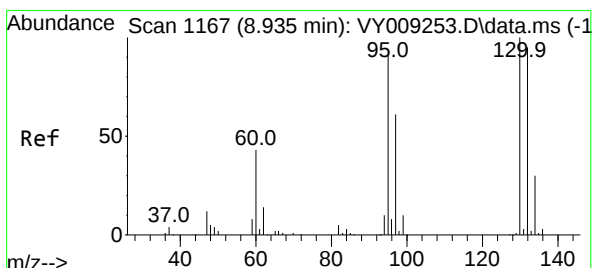
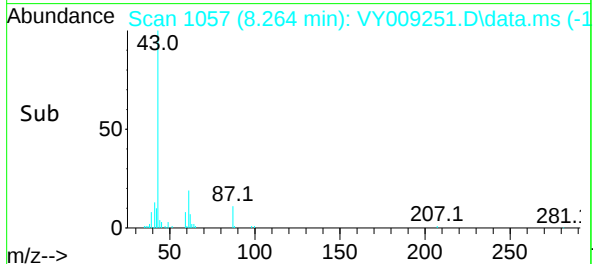
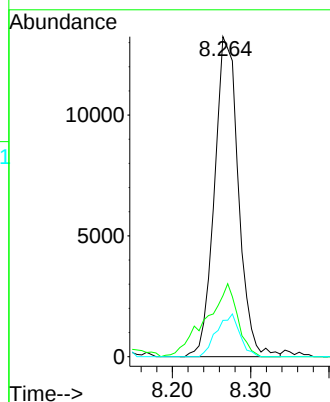
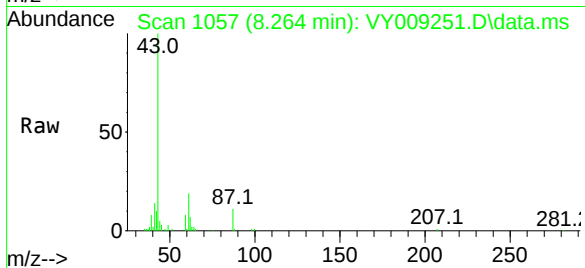
Tgt Ion: 43 Resp: 28172

Ion Ratio Lower Upper

43 100

61 30.0 20.2 30.2

87 12.8 8.9 13.3



#44

Trichloroethene

Concen: 10.533 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY009251.D

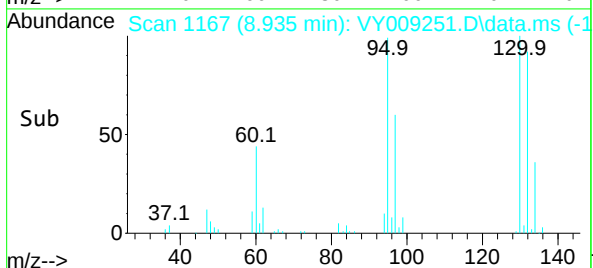
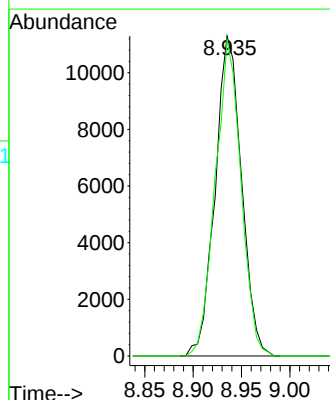
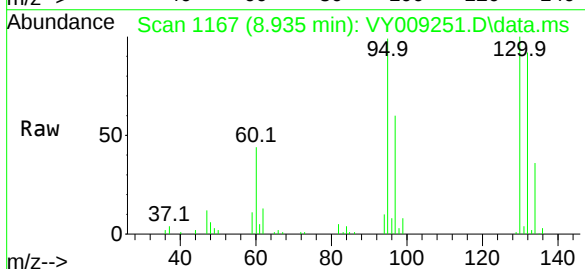
Acq: 21 Jun 2022 12:10

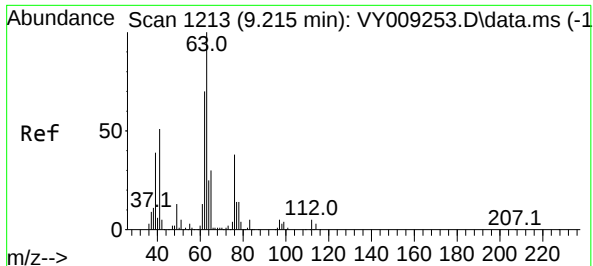
Tgt Ion:130 Resp: 21417

Ion Ratio Lower Upper

130 100

95 98.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 11.069 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

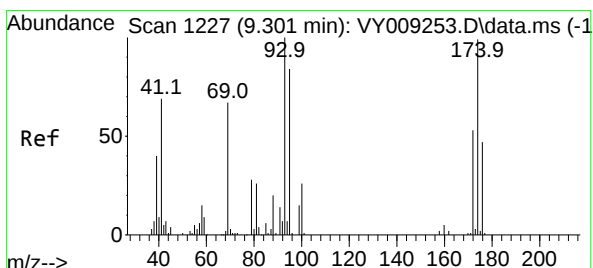
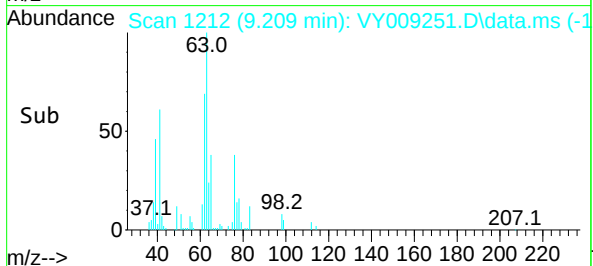
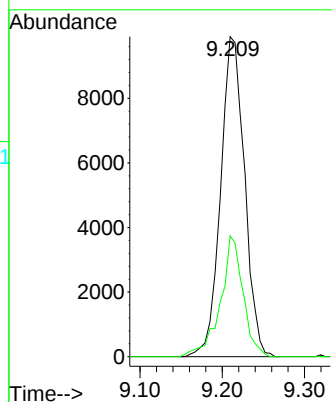
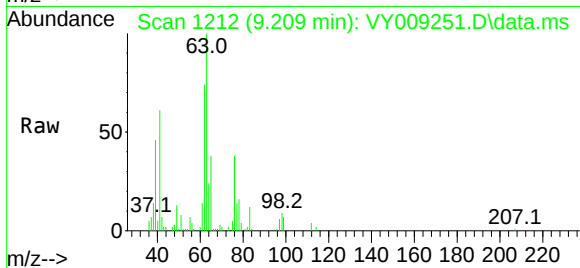
VSTDICC010

Tgt Ion: 63 Resp: 20050

Ion Ratio Lower Upper

63 100

65 37.7 23.0 34.6#



#46

Dibromomethane

Concen: 10.698 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

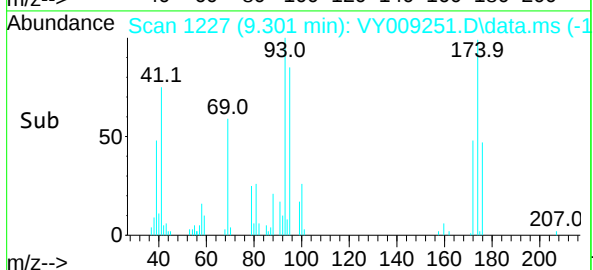
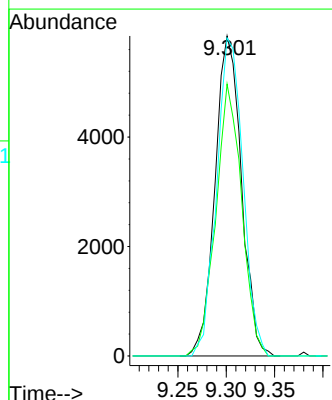
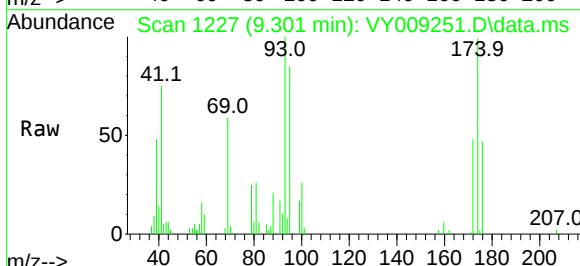
Tgt Ion: 93 Resp: 11083

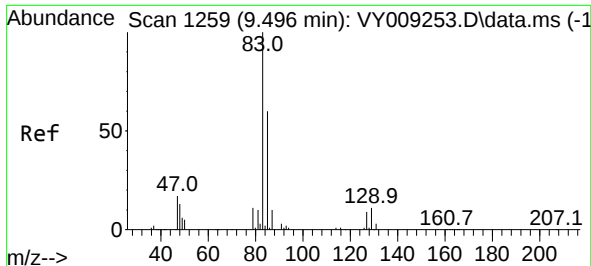
Ion Ratio Lower Upper

93 100

95 83.4 64.3 96.5

174 99.4 83.4 125.0

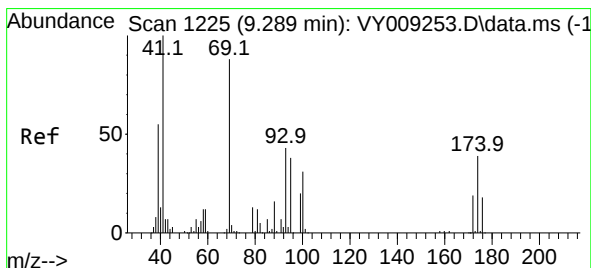
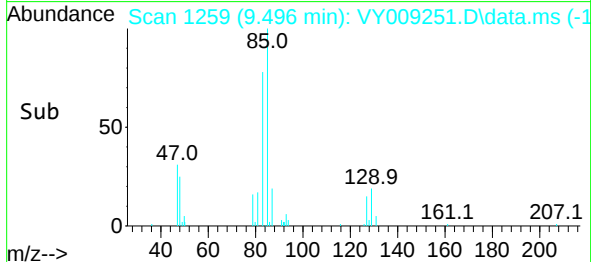
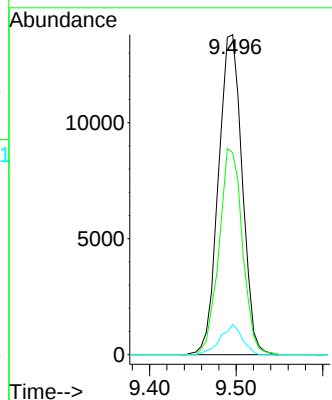
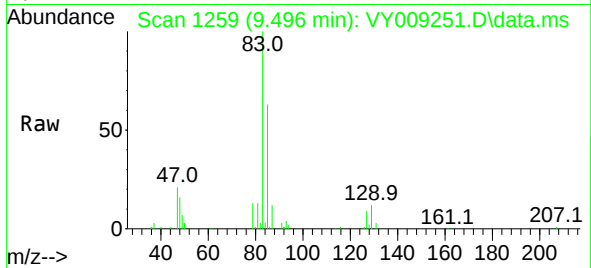




#47
Bromodichloromethane
Concen: 10.585 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

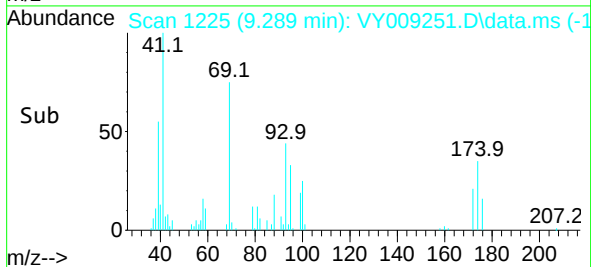
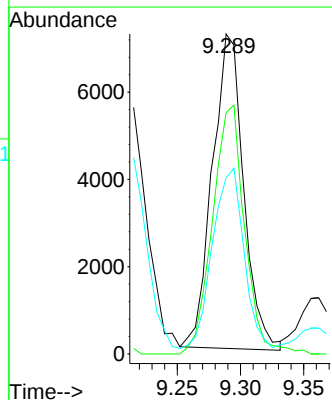
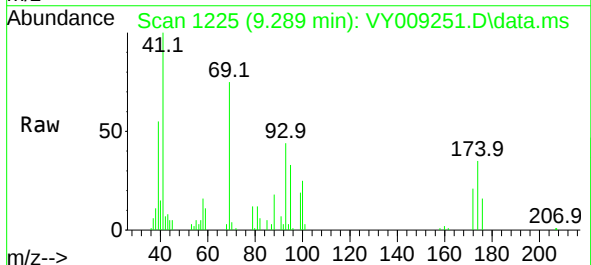
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

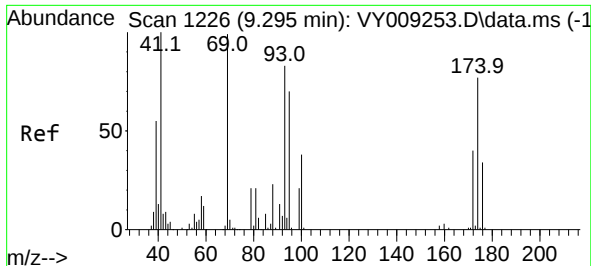
Tgt Ion: 83 Resp: 26211
Ion Ratio Lower Upper
83 100
85 63.1 51.9 77.9
127 9.4 6.6 10.0



#48
Methyl methacrylate
Concen: 10.470 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 41 Resp: 12386
Ion Ratio Lower Upper
41 100
69 81.2 58.2 87.2
39 61.6 47.4 71.0





#49

1,4-Dioxane

Concen: 220.214 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

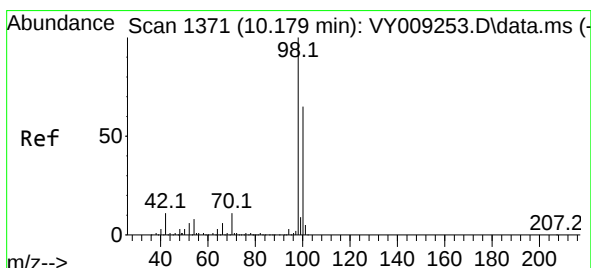
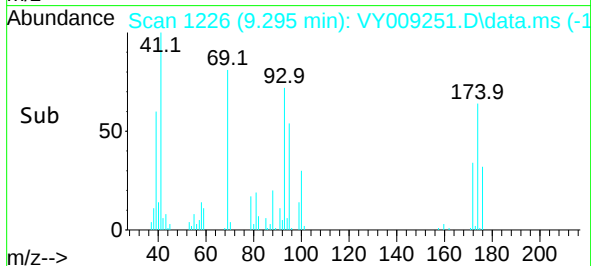
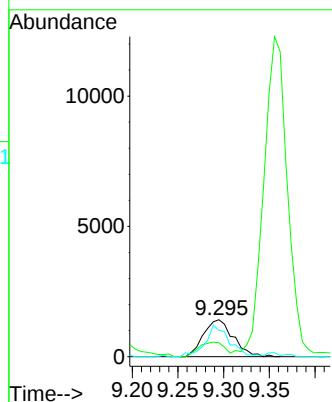
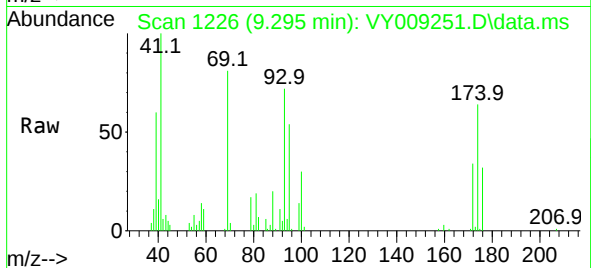
Tgt Ion: 88 Resp: 3214

Ion Ratio Lower Upper

88 100

43 33.8 32.8 49.2

58 68.8 59.8 89.6



#50

Toluene-d8

Concen: 10.775 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY009251.D

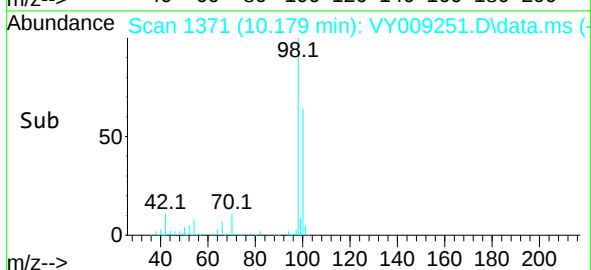
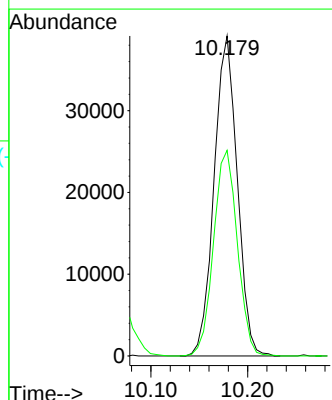
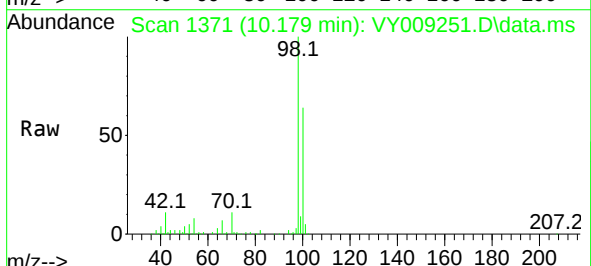
Acq: 21 Jun 2022 12:10

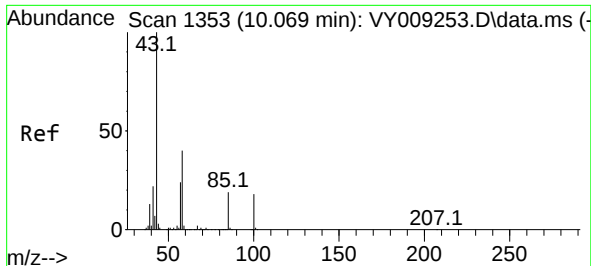
Tgt Ion: 98 Resp: 65012

Ion Ratio Lower Upper

98 100

100 66.2 50.2 75.2

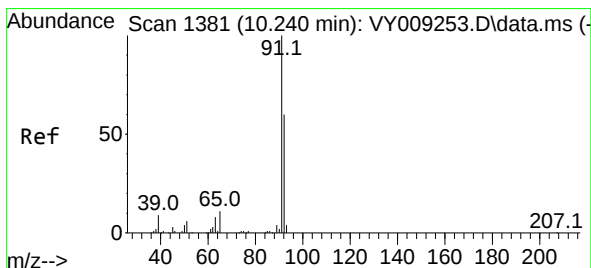
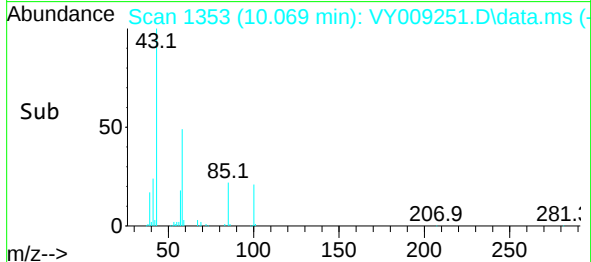
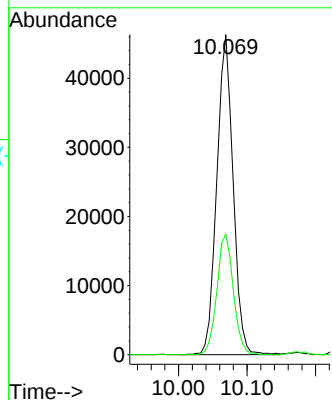
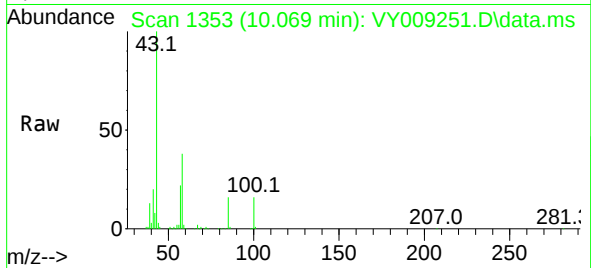




#51
4-Methyl-2-Pentanone
Concen: 54.518 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

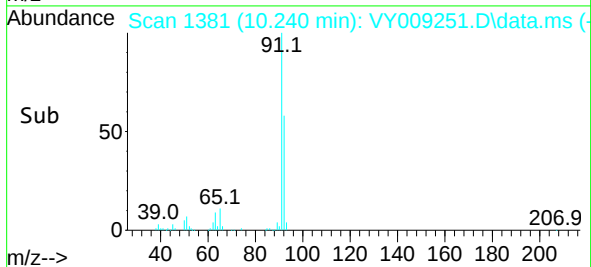
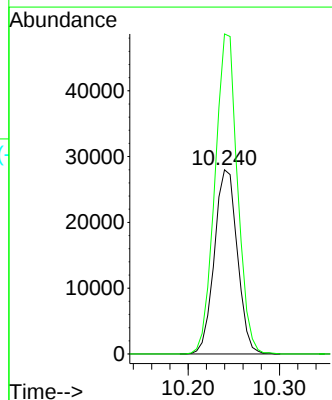
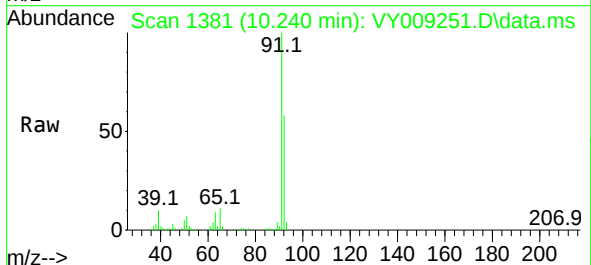
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

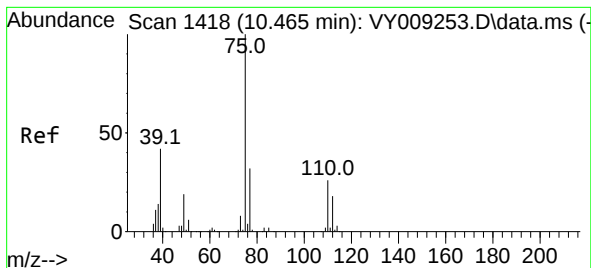
Tgt Ion: 43 Resp: 76452
Ion Ratio Lower Upper
43 100
58 38.0 28.1 42.1



#52
Toluene
Concen: 10.746 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 92 Resp: 48847
Ion Ratio Lower Upper
92 100
91 171.1 142.6 213.8

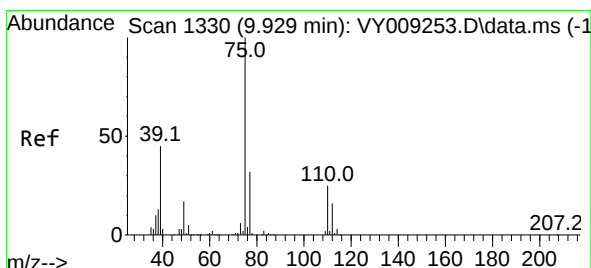
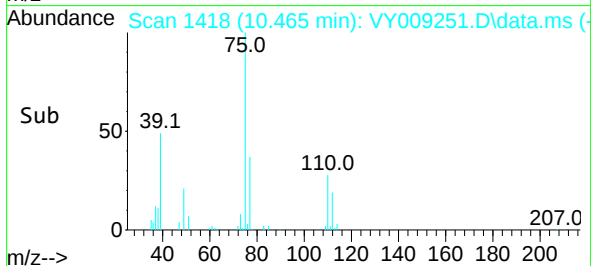
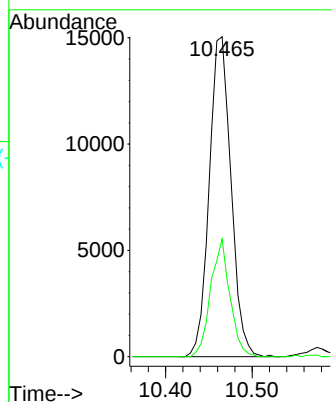
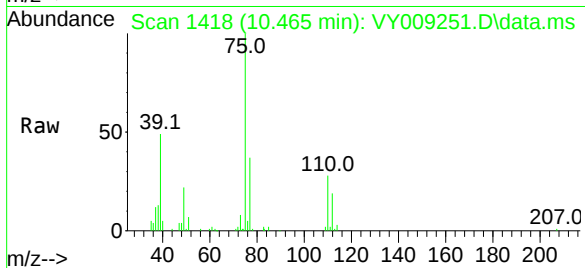




#53
 t-1,3-Dichloropropene
 Concen: 10.128 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY009251.D
 Acq: 21 Jun 2022 12:10

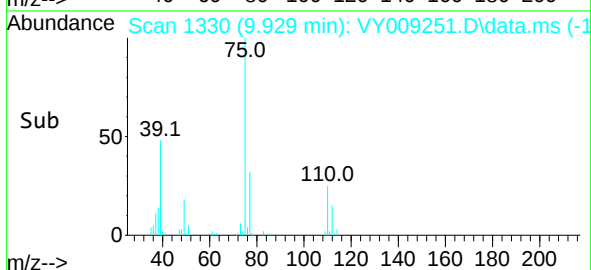
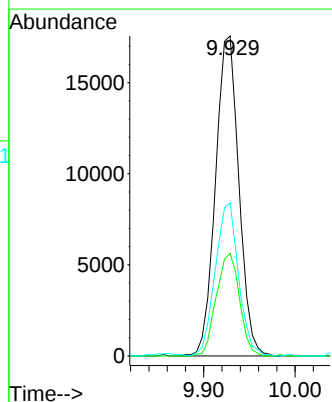
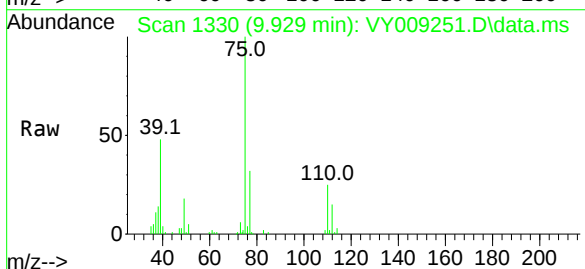
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

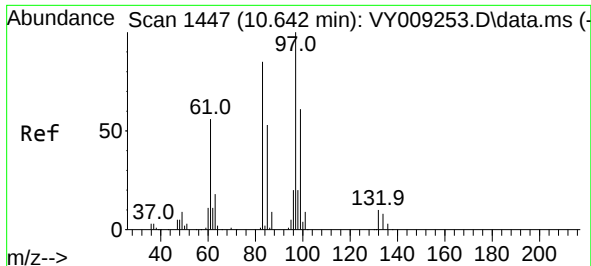
Tgt Ion: 75 Resp: 26284
 Ion Ratio Lower Upper
 75 100
 77 36.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 10.614 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY009251.D
 Acq: 21 Jun 2022 12:10

Tgt Ion: 75 Resp: 31205
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.6 38.4
 39 47.9 47.6 71.4

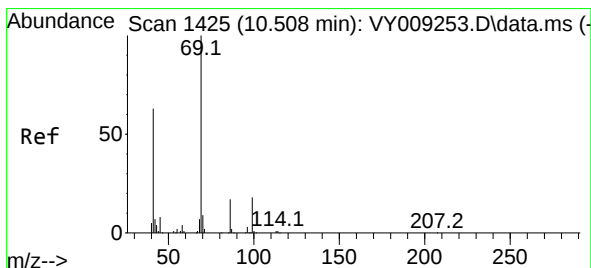
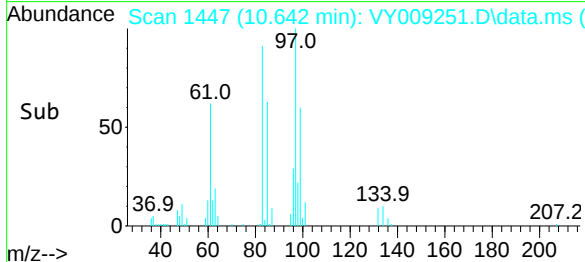
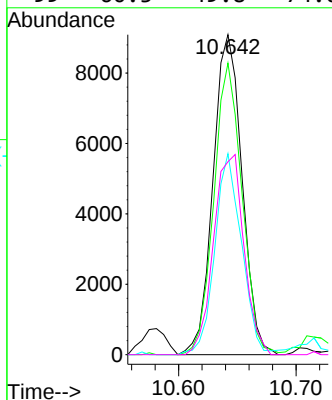
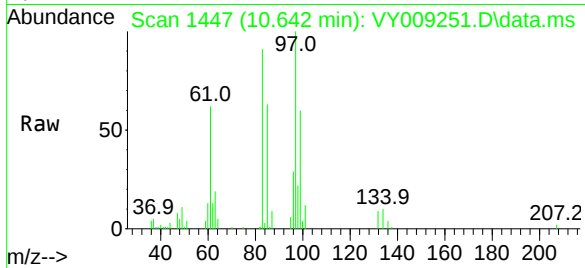




#55
1,1,2-Trichloroethane
Concen: 10.597 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

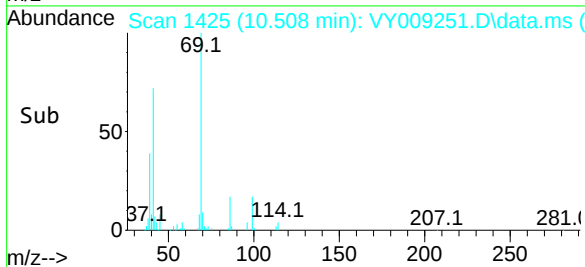
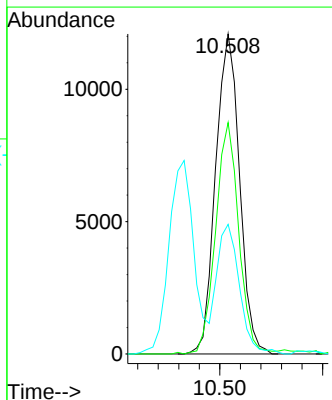
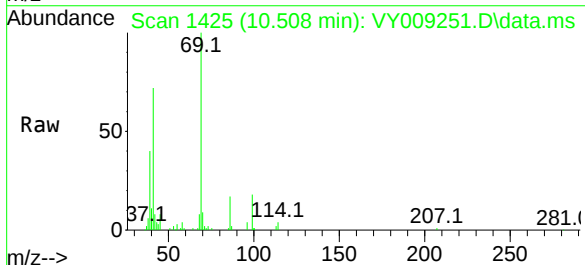
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

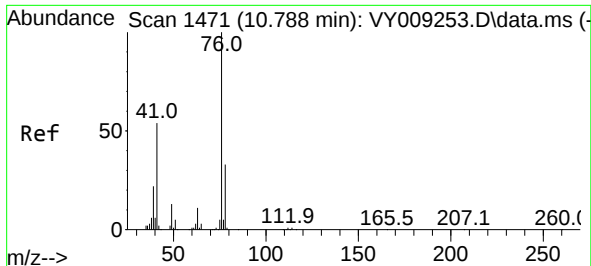
Tgt Ion: 97	Resp: 15560
Ion Ratio	Lower Upper
97 100	
83 91.1	69.8 104.8
85 62.8	44.3 66.5
99 60.3	49.8 74.6



#56
Ethyl methacrylate
Concen: 9.847 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 69	Resp: 19507
Ion Ratio	Lower Upper
69 100	
41 70.0	63.4 95.0
39 37.9	35.8 53.8





#57

1,3-Dichloropropane

Concen: 10.898 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

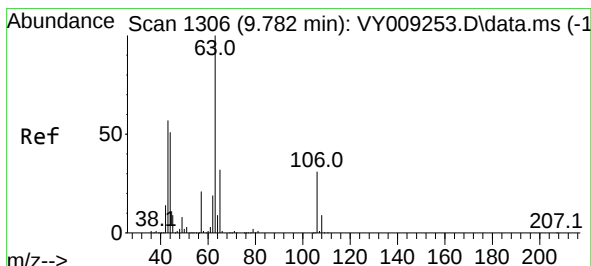
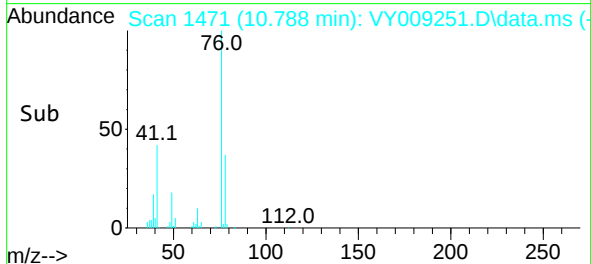
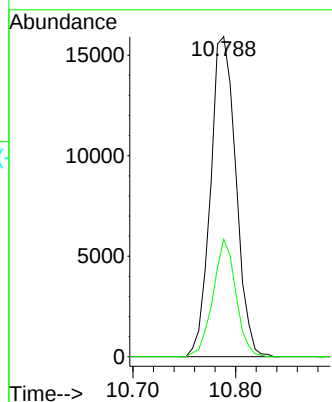
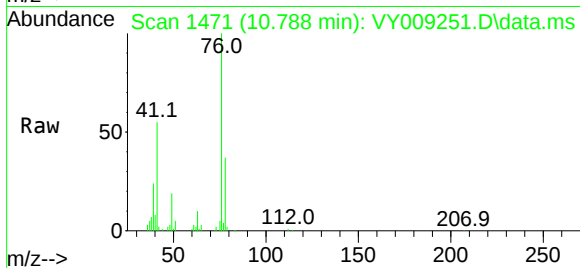
VSTDIC010

Tgt Ion: 76 Resp: 27262

Ion Ratio Lower Upper

76 100

78 33.0 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 48.107 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY009251.D

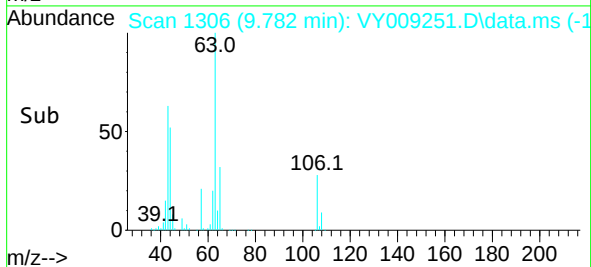
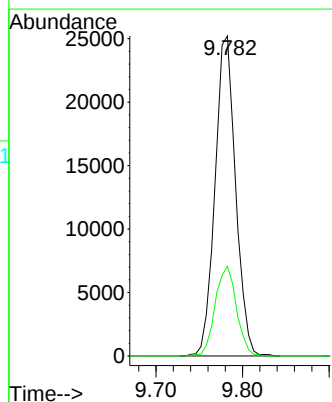
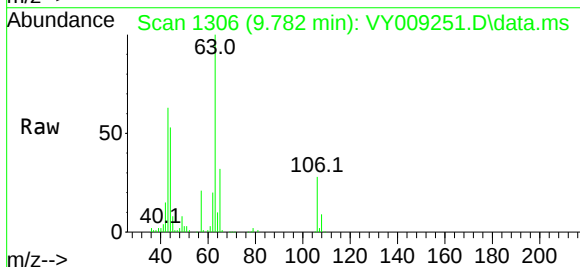
Acq: 21 Jun 2022 12:10

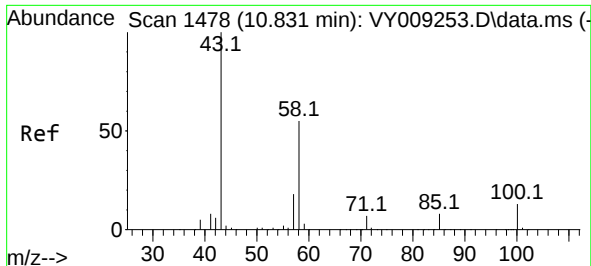
Tgt Ion: 63 Resp: 41644

Ion Ratio Lower Upper

63 100

106 28.8 21.5 32.3

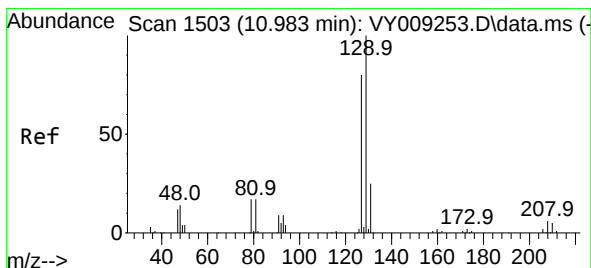
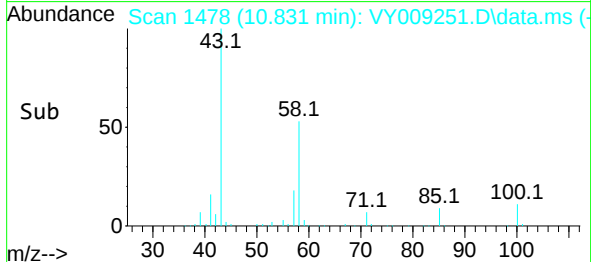
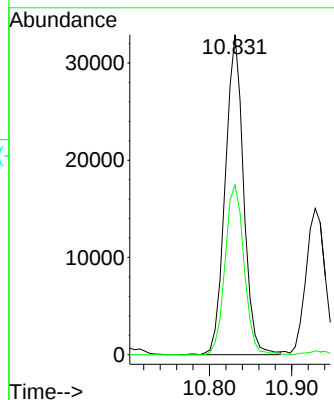
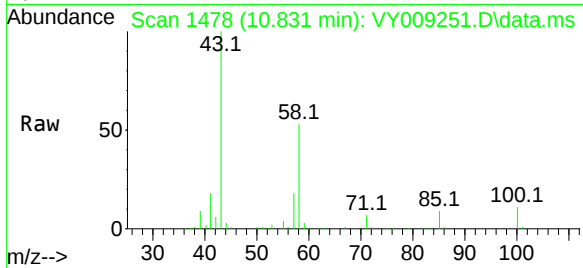




#59
2-Hexanone
Concen: 52.902 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

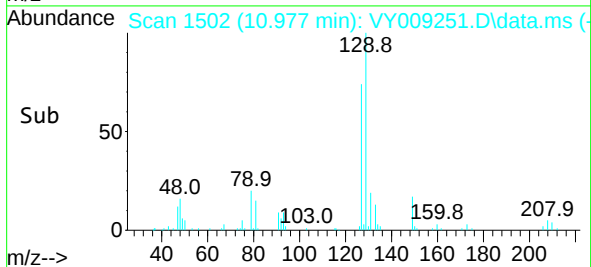
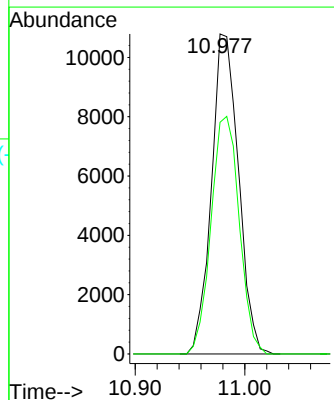
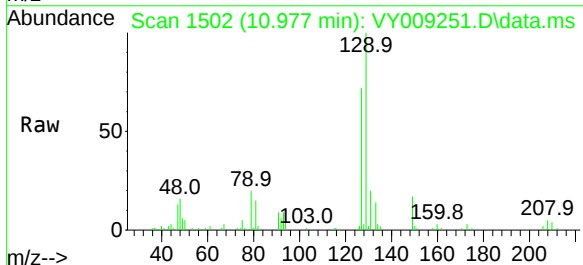
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

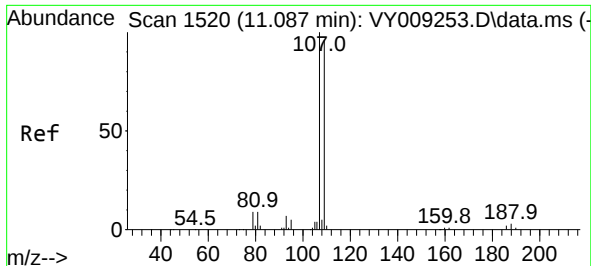
Tgt Ion: 43 Resp: 50933
Ion Ratio Lower Upper
43 100
58 55.0 24.4 73.4



#60
Dibromochloromethane
Concen: 10.299 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 129 Resp: 18516
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1

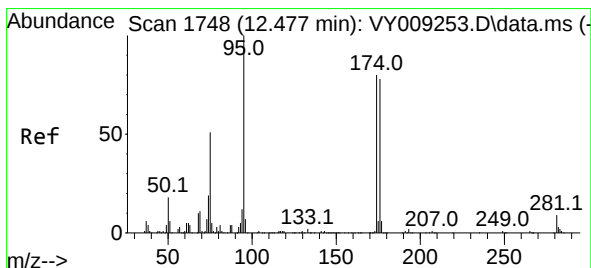
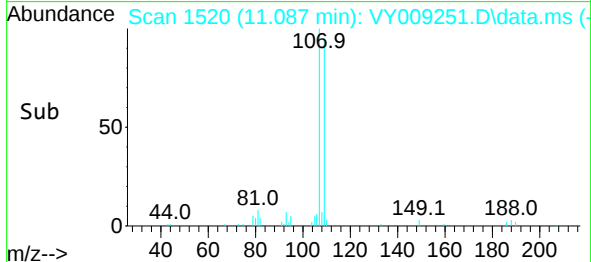
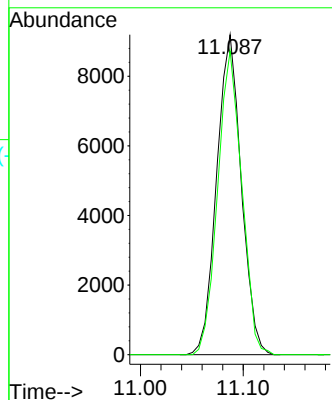
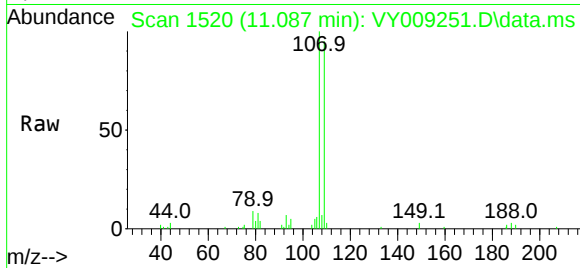




#61
1,2-Dibromoethane
Concen: 10.744 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

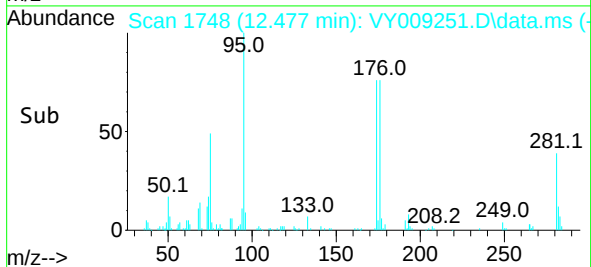
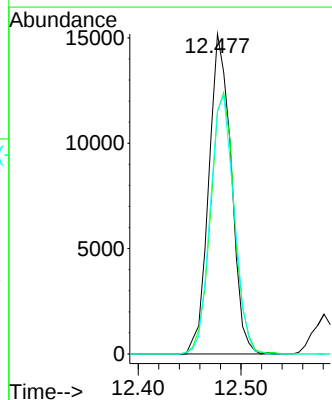
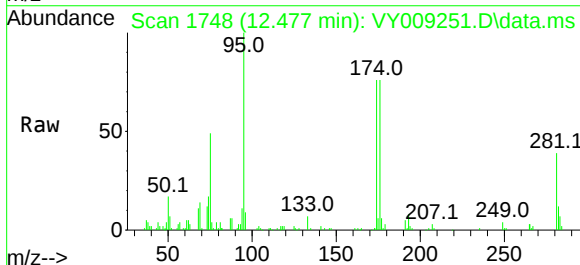
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

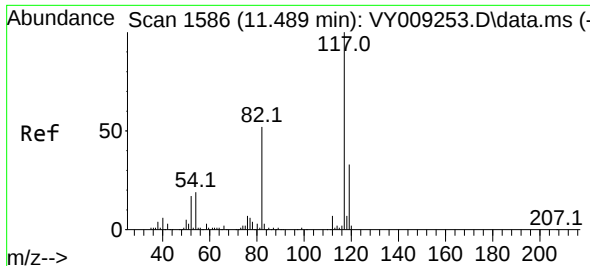
Tgt Ion:107 Resp: 15261
Ion Ratio Lower Upper
107 100
109 92.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 10.732 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 95 Resp: 22974
Ion Ratio Lower Upper
95 100
174 86.7 0.0 177.0
176 86.1 0.0 175.8

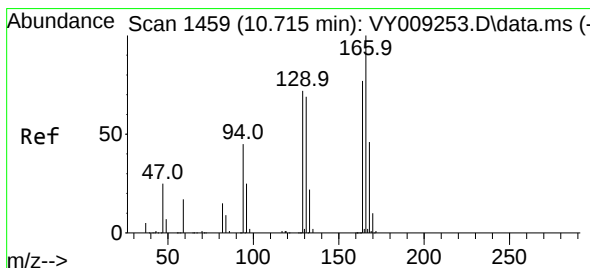
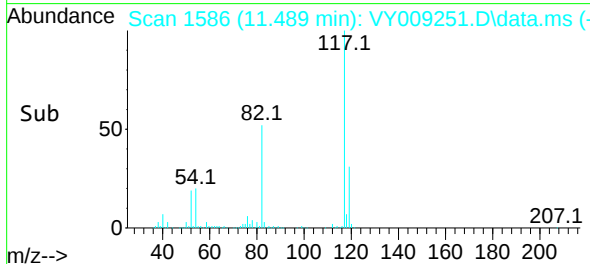
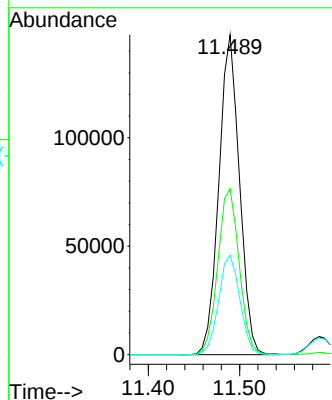
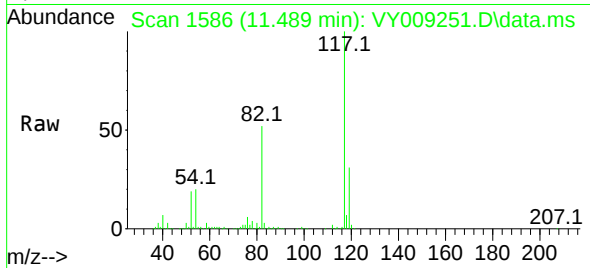




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

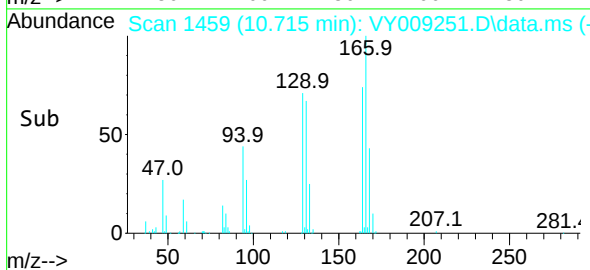
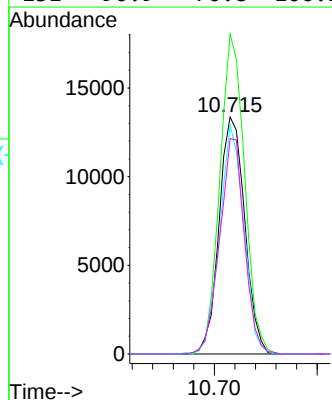
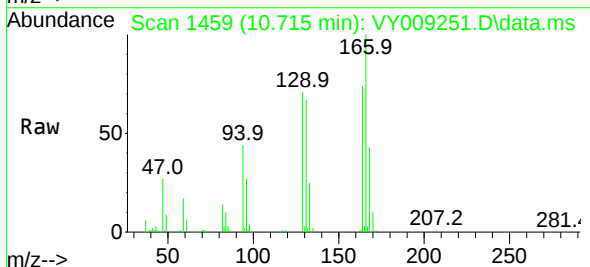
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

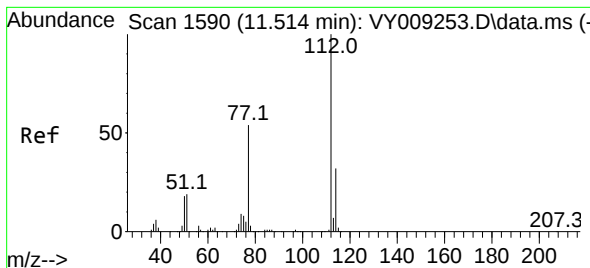
Tgt Ion:117 Resp: 230993
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 31.1 25.4 38.0



#64
Tetrachloroethene
Concen: 10.833 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion:164 Resp: 23104
Ion Ratio Lower Upper
164 100
166 135.1 100.4 150.6
129 96.5 71.4 107.0
131 90.9 70.8 106.2





#65

Chlorobenzene

Concen: 10.680 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

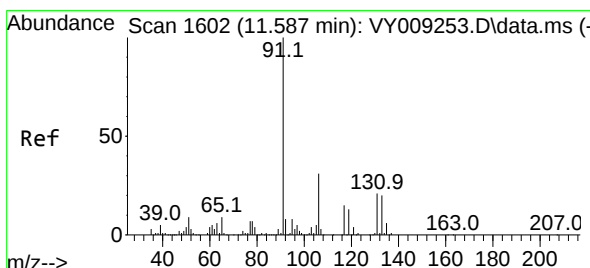
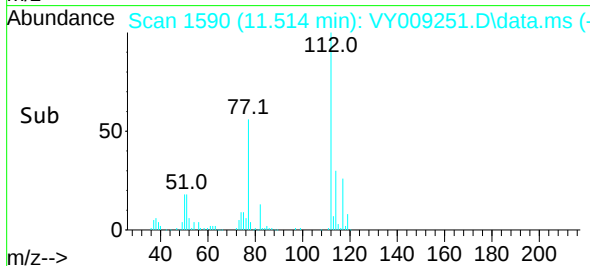
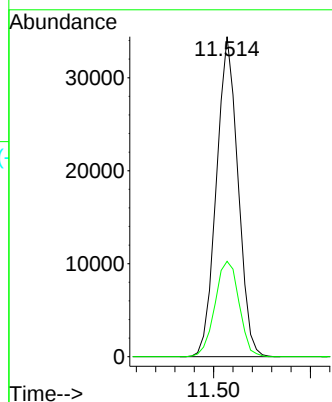
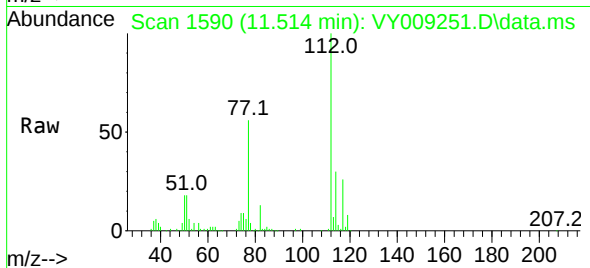
VSTDIC010

Tgt Ion:112 Resp: 53267

Ion Ratio Lower Upper

112 100

114 29.8 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 10.552 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

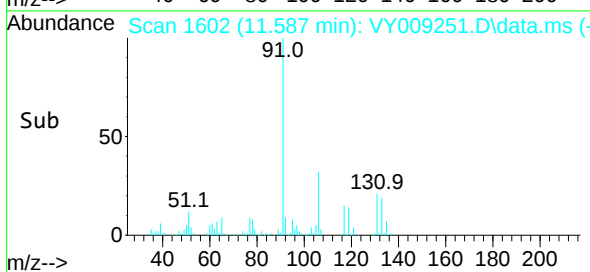
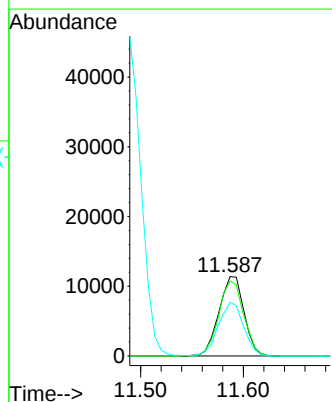
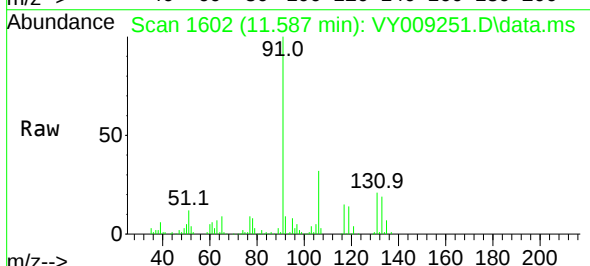
Tgt Ion:131 Resp: 19284

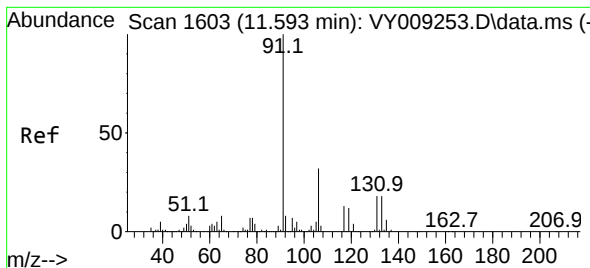
Ion Ratio Lower Upper

131 100

133 94.3 47.9 143.6

119 67.7 30.8 92.3





#67

Ethyl Benzene

Concen: 10.550 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

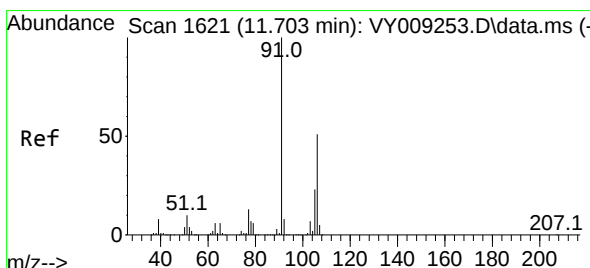
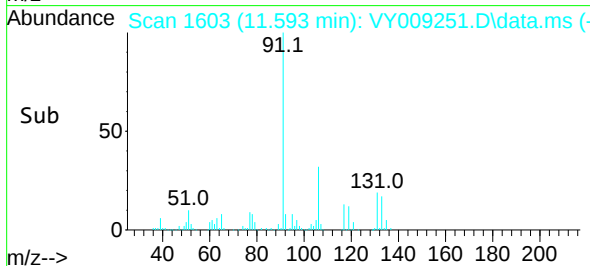
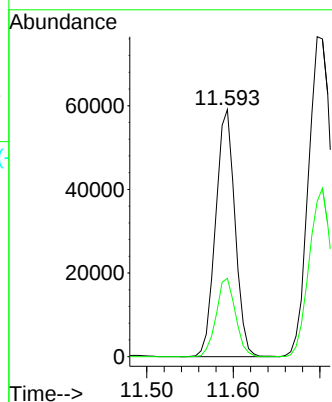
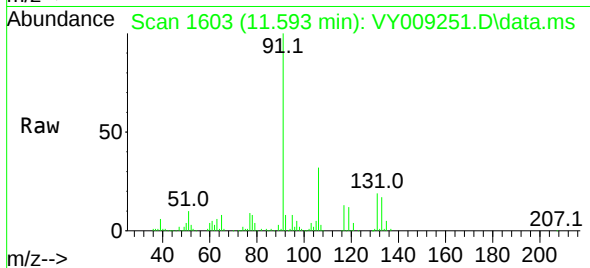
VSTDIC010

Tgt Ion: 91 Resp: 91808

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 21.471 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY009251.D

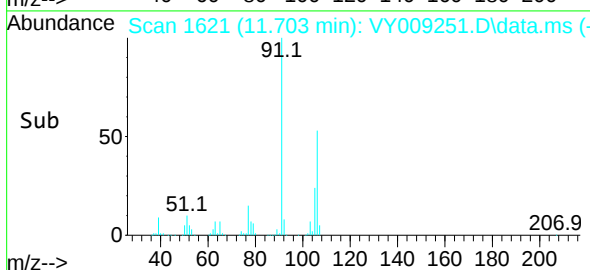
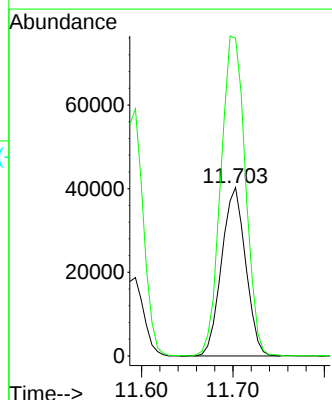
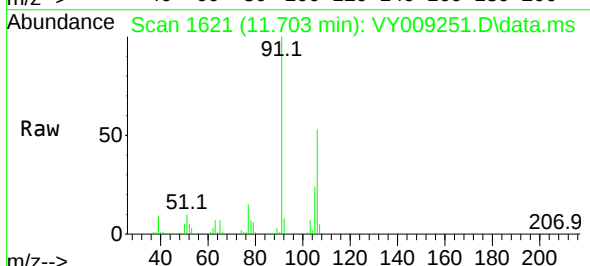
Acq: 21 Jun 2022 12:10

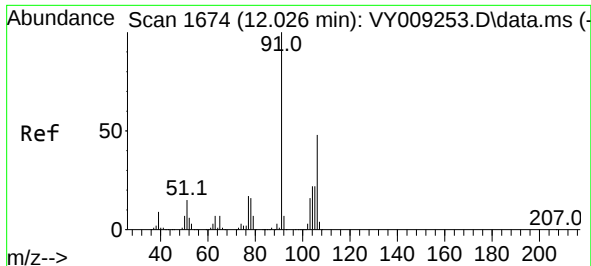
Tgt Ion:106 Resp: 73600

Ion Ratio Lower Upper

106 100

91 194.6 166.6 249.8

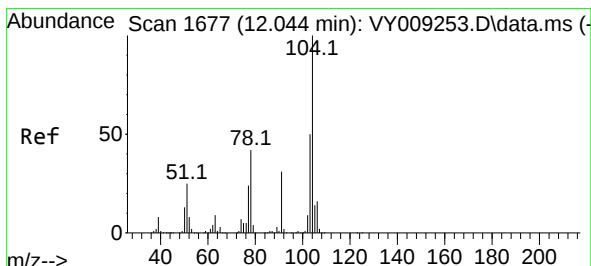
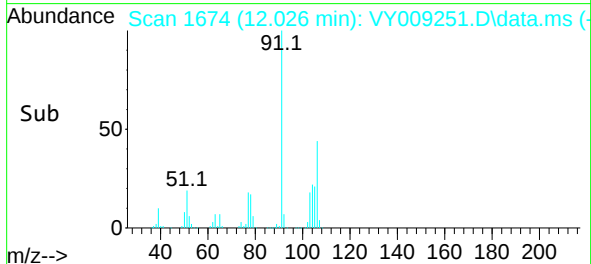
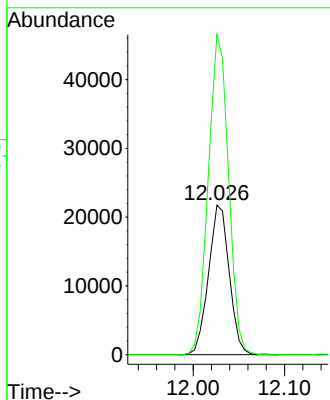
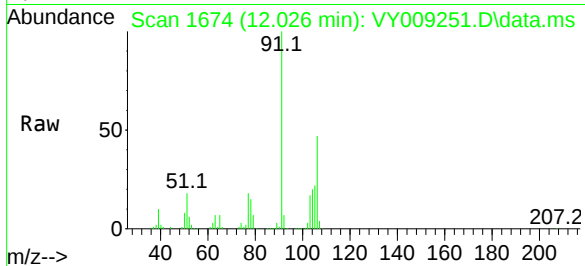




#69
o-Xylene
Concen: 10.515 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

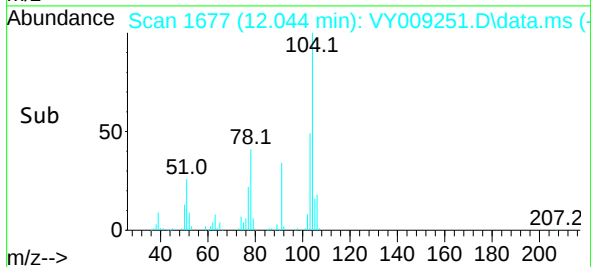
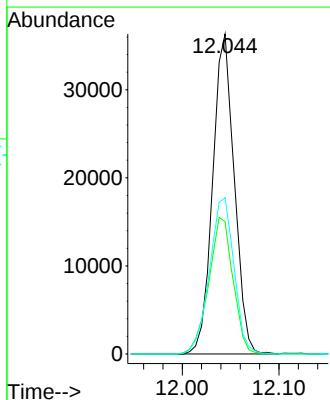
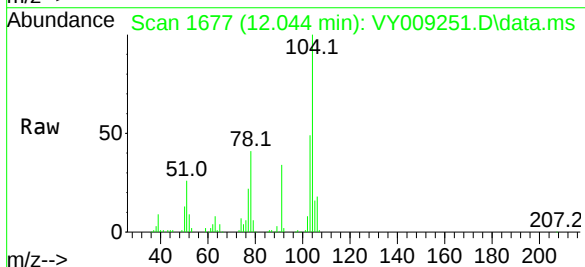
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

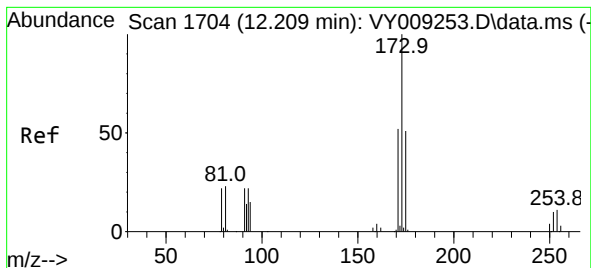
Tgt Ion:106 Resp: 34244
Ion Ratio Lower Upper
106 100
91 209.2 110.3 331.0



#70
Styrene
Concen: 10.337 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion:104 Resp: 56368
Ion Ratio Lower Upper
104 100
78 48.0 42.4 63.6
103 55.3 44.4 66.6





#71

Bromoform

Concen: 10.183 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

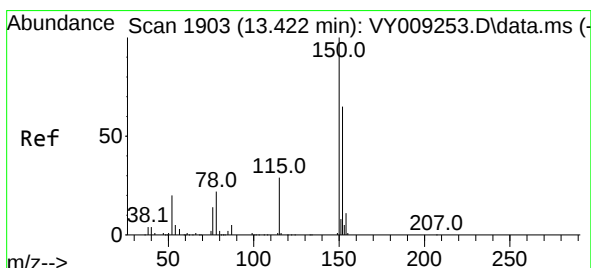
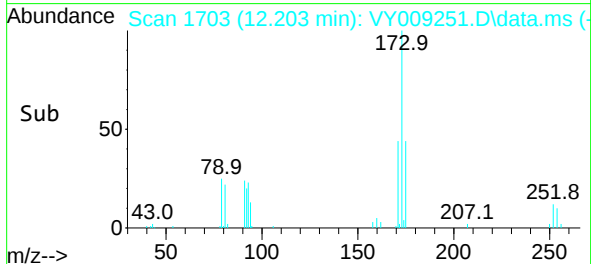
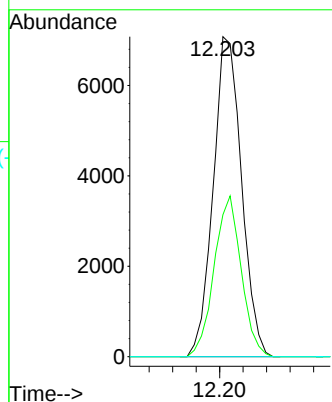
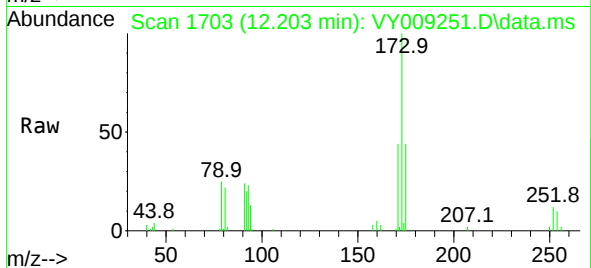
Tgt Ion:173 Resp: 11844

Ion Ratio Lower Upper

173 100

175 48.0 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: VY009251.D

Acq: 21 Jun 2022 12:10

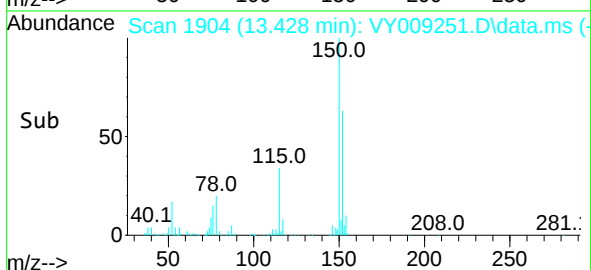
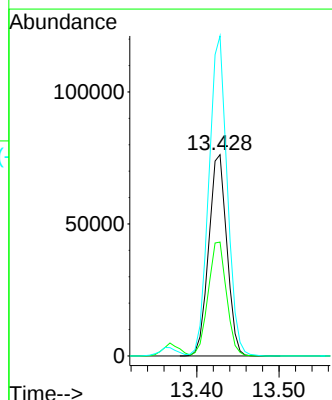
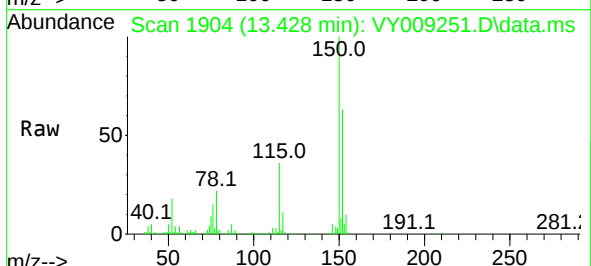
Tgt Ion:152 Resp: 116848

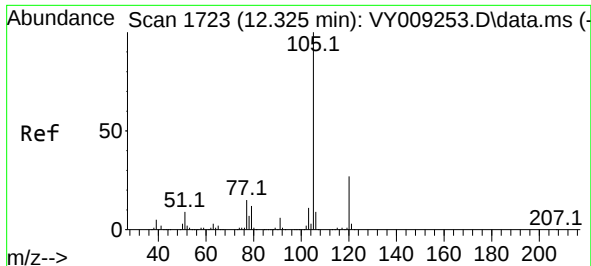
Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 161.0 0.0 347.6

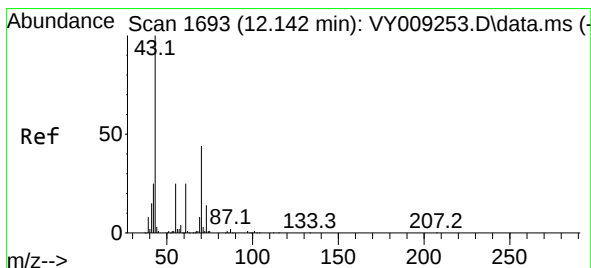
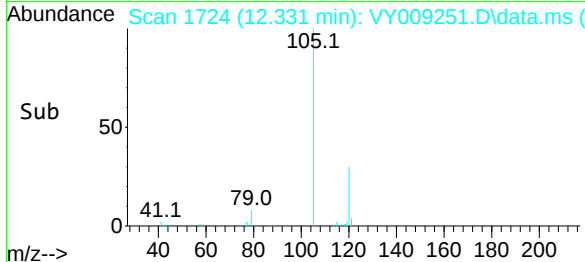
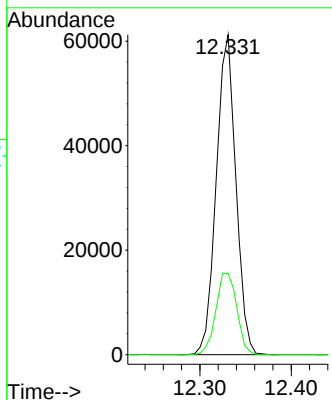
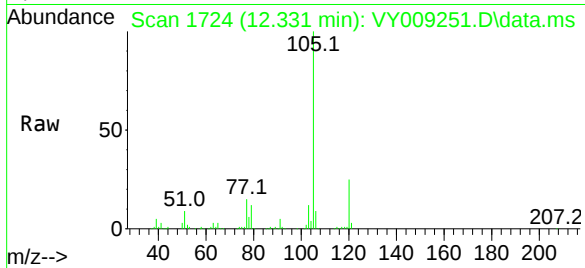




#73
Isopropylbenzene
Concen: 10.374 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

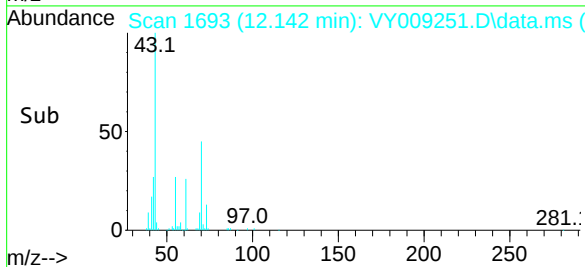
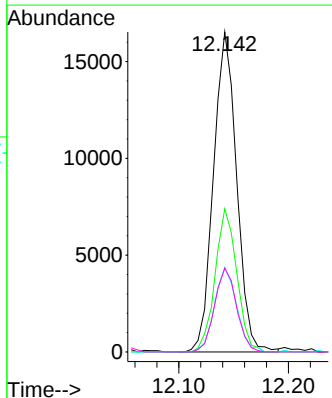
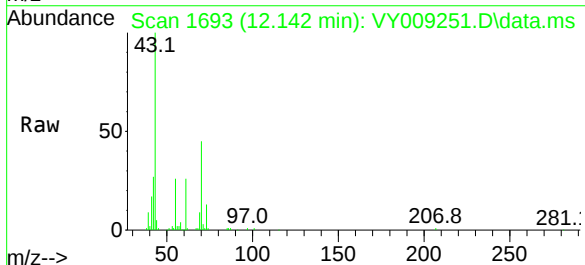
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

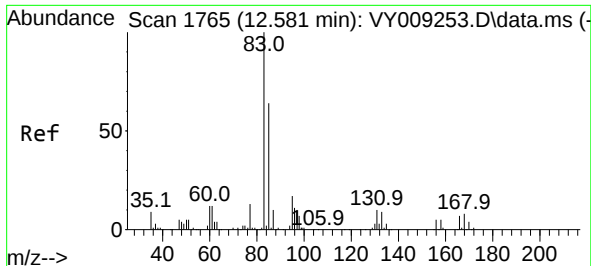
Tgt Ion:105 Resp: 91244
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2



#74
N-ethyl acetate
Concen: 9.982 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 43 Resp: 24276
Ion Ratio Lower Upper
43 100
70 42.0 28.7 43.1
55 25.4 17.3 25.9
61 24.9 17.0 25.6

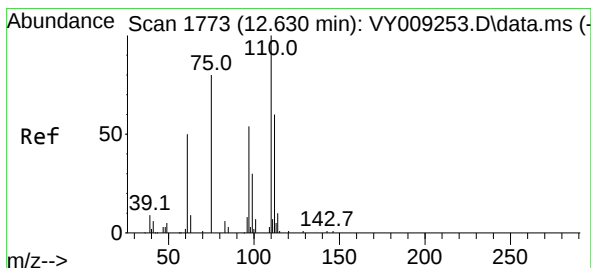
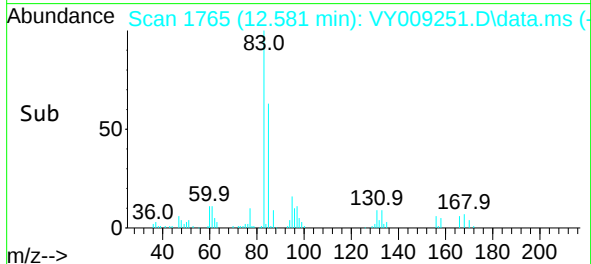
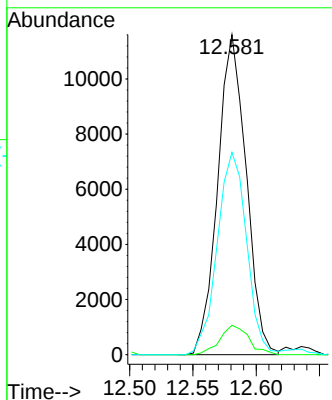
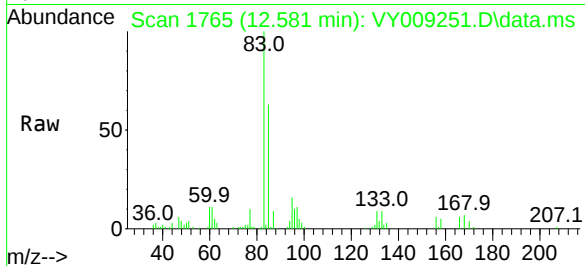




#75
 1,1,2,2-Tetrachloroethane
 Concen: 10.487 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY009251.D
 Acq: 21 Jun 2022 12:10

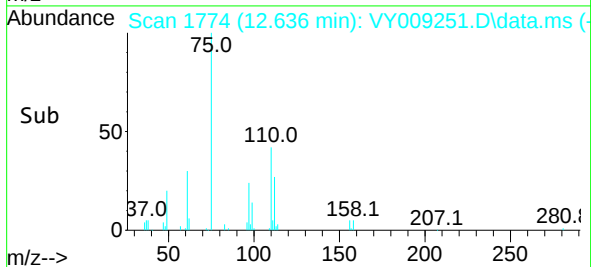
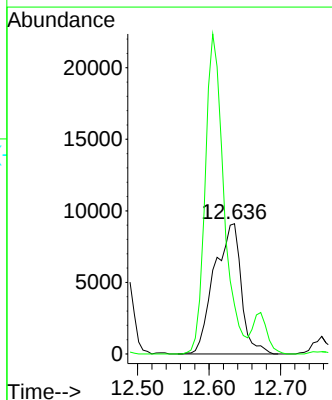
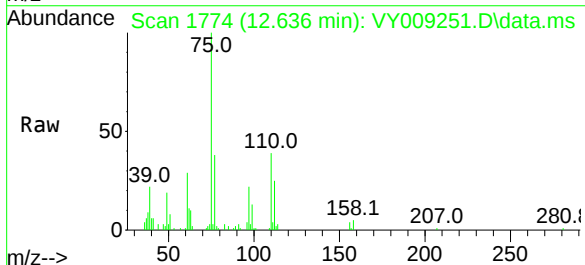
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

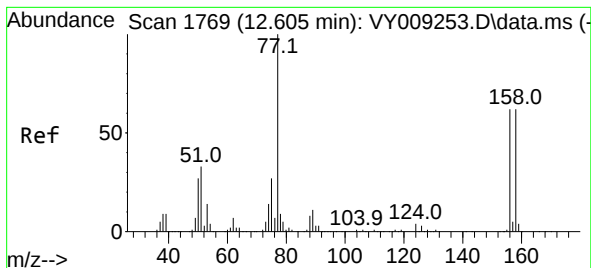
Tgt Ion: 83 Resp: 18147
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.6 16.8
 85 65.2 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 18.454 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.006 min
 Lab File: VY009251.D
 Acq: 21 Jun 2022 12:10

Tgt Ion: 75 Resp: 23893
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.349 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

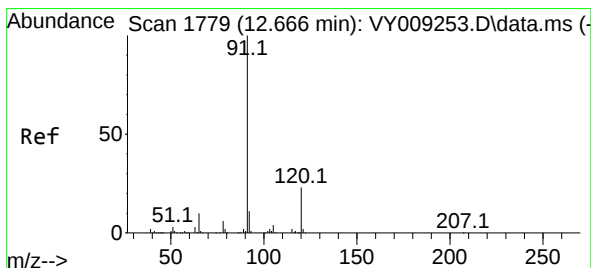
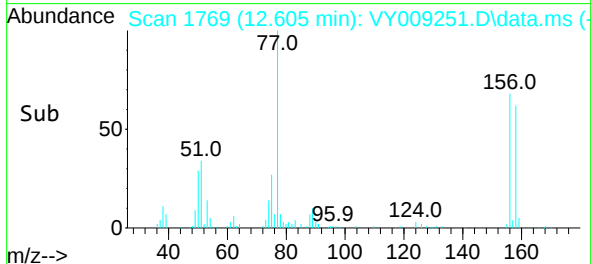
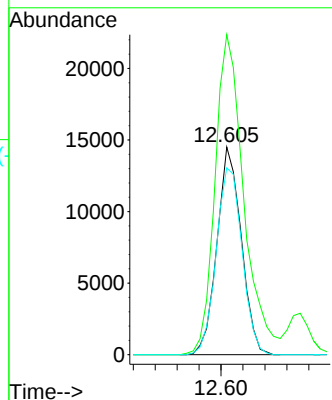
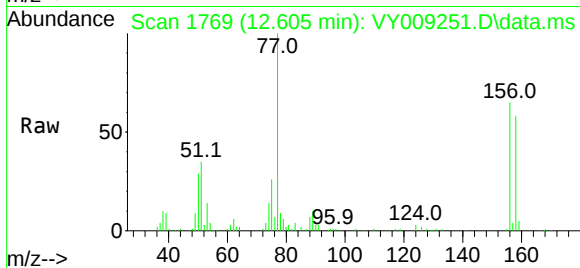
Tgt Ion:156 Resp: 22309

Ion Ratio Lower Upper

156 100

77 183.0 95.5 286.4

158 96.2 48.0 144.0



#78

n-propylbenzene

Concen: 10.458 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY009251.D

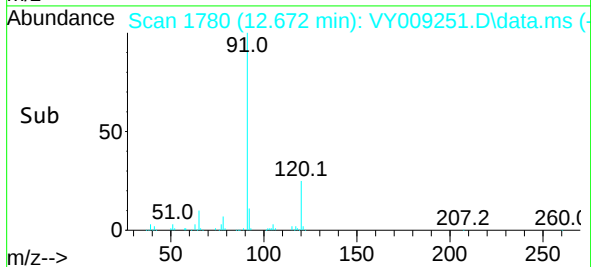
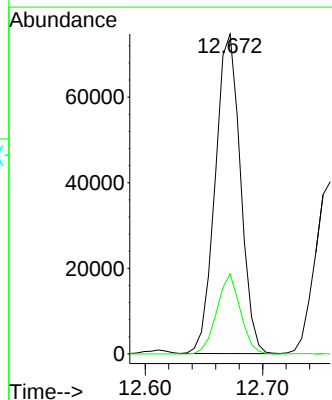
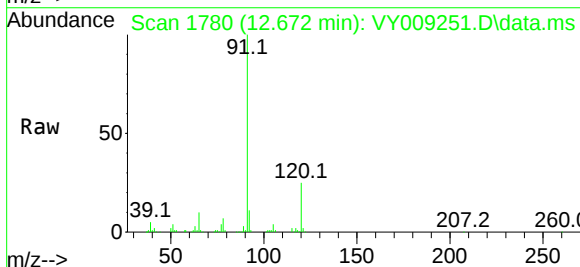
Acq: 21 Jun 2022 12:10

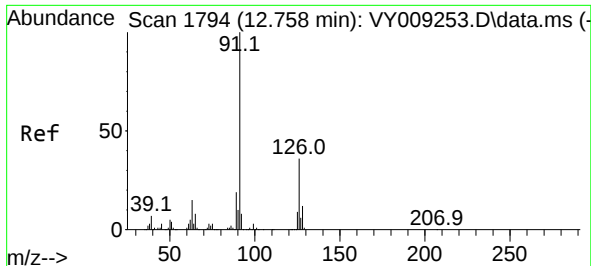
Tgt Ion: 91 Resp: 111207

Ion Ratio Lower Upper

91 100

120 23.4 11.3 33.9

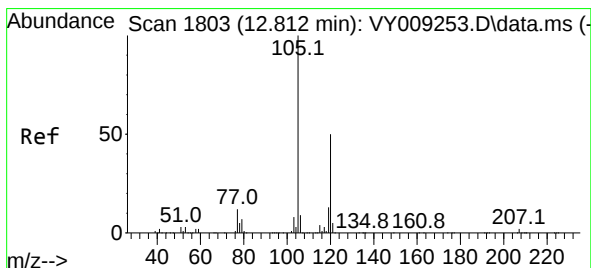
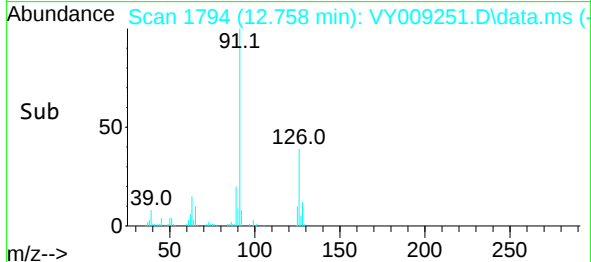
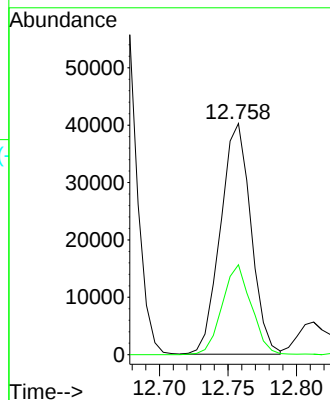
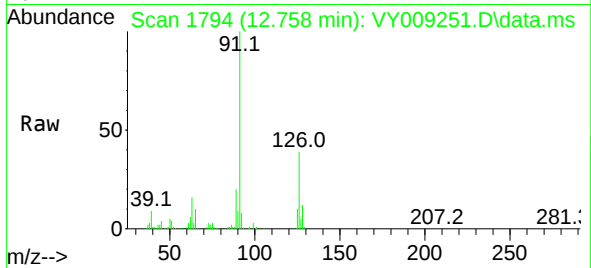




#79
2-Chlorotoluene
Concen: 10.392 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

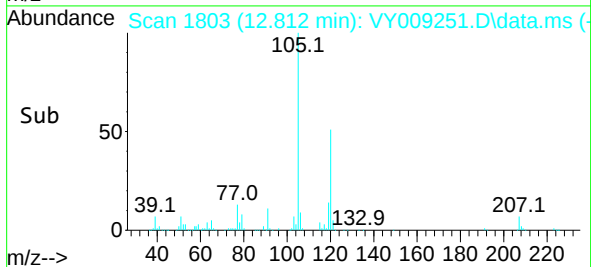
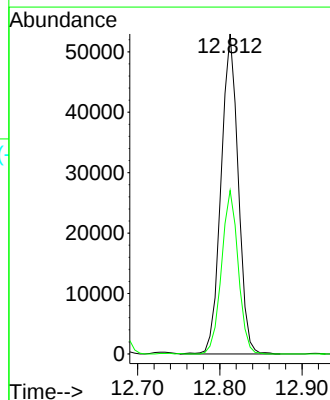
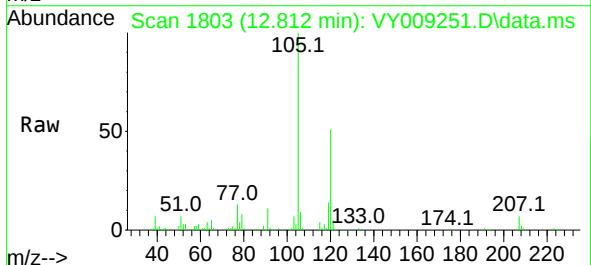
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

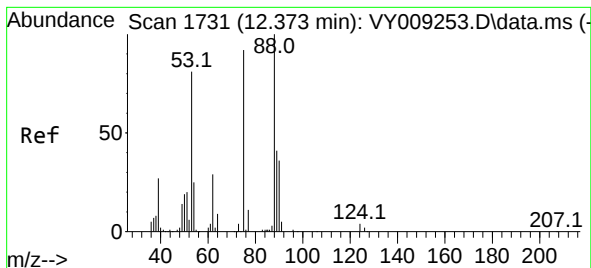
Tgt Ion: 91 Resp: 62352
Ion Ratio Lower Upper
91 100
126 37.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 10.461 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 105 Resp: 76723
Ion Ratio Lower Upper
105 100
120 49.6 24.4 73.4

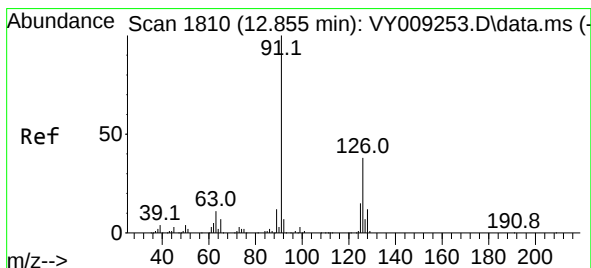
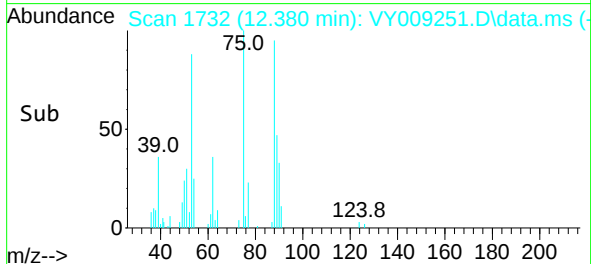
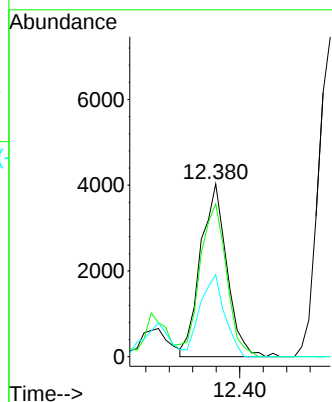
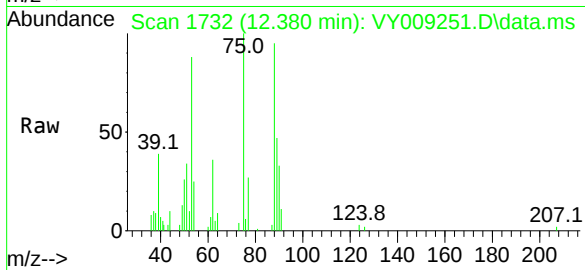




#81
trans-1,4-Dichloro-2-butene
Concen: 9.737 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

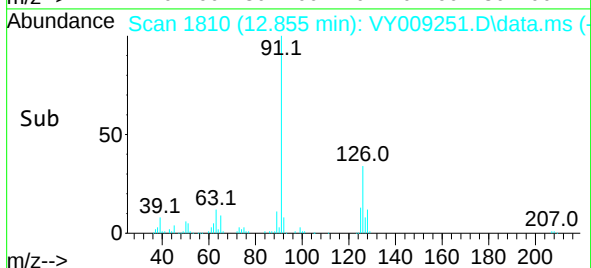
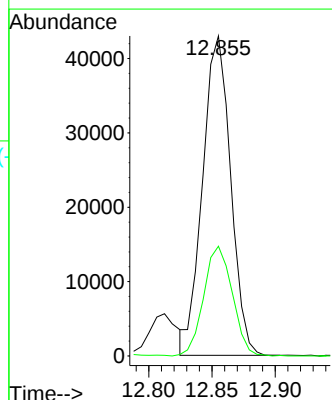
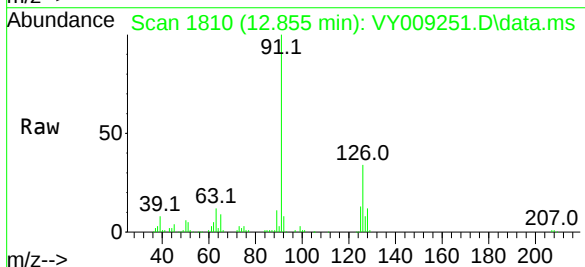
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

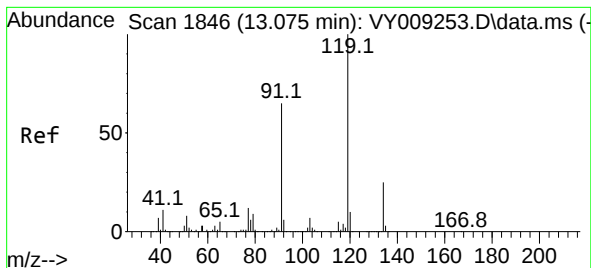
Tgt Ion: 75 Resp: 6276
Ion Ratio Lower Upper
75 100
53 88.7 85.3 127.9
89 43.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 10.579 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 91 Resp: 66186
Ion Ratio Lower Upper
91 100
126 35.1 17.0 51.0





#83

tert-Butylbenzene

Concen: 10.310 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

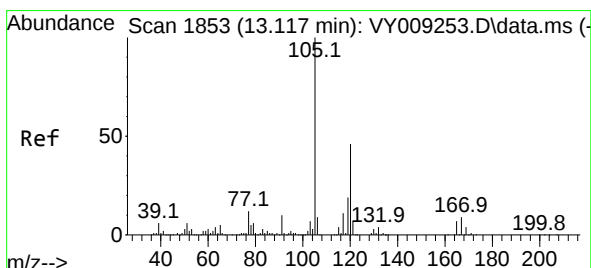
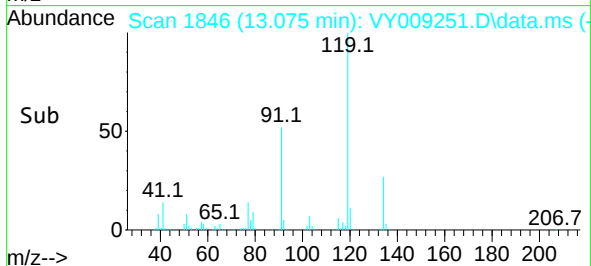
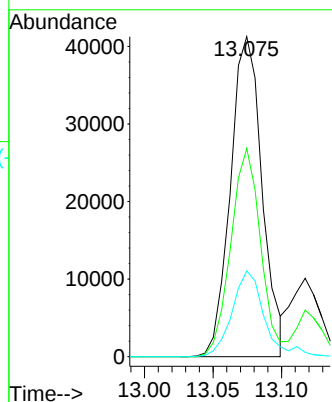
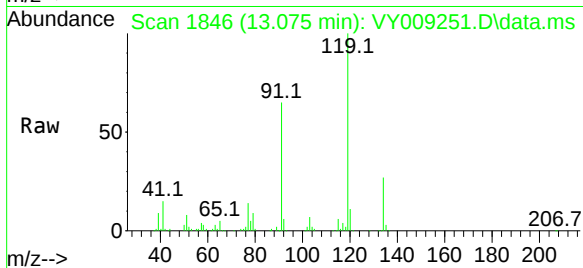
Tgt Ion:119 Resp: 66294

Ion Ratio Lower Upper

119 100

91 60.9 34.8 104.4

134 27.4 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 10.468 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009251.D

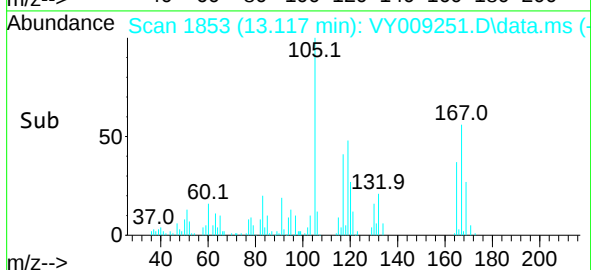
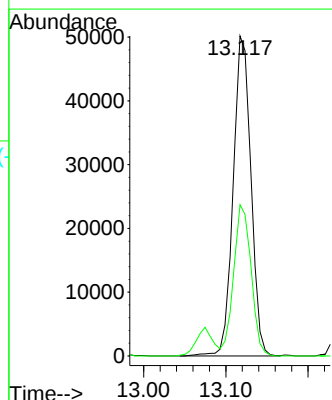
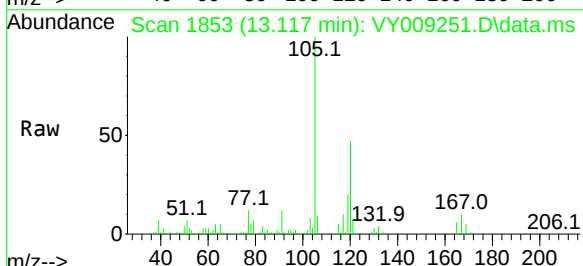
Acq: 21 Jun 2022 12:10

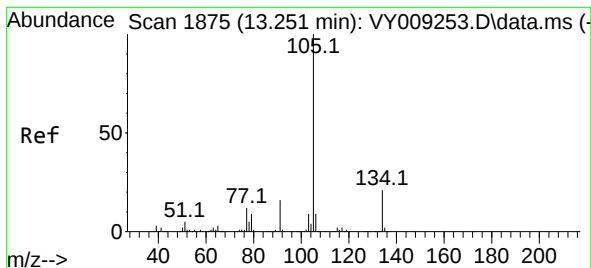
Tgt Ion:105 Resp: 75351

Ion Ratio Lower Upper

105 100

120 46.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 10.511 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

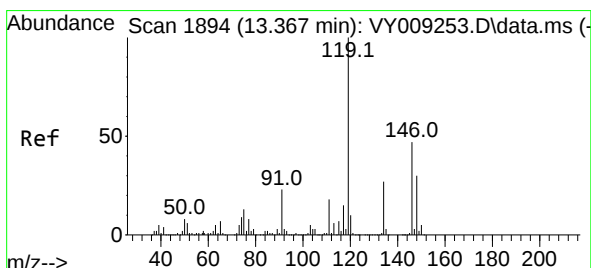
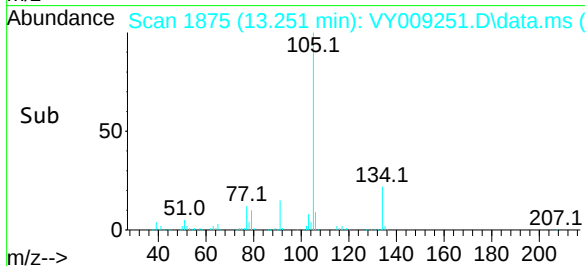
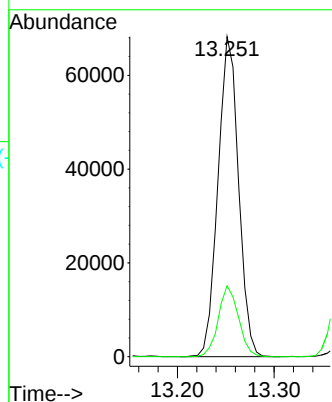
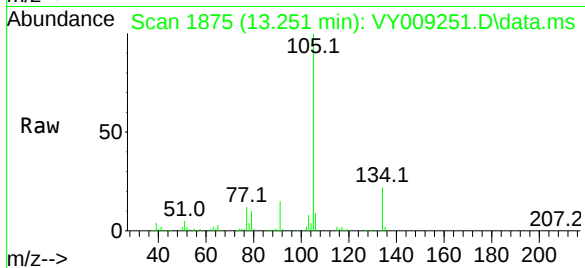
VSTDIC010

Tgt Ion:105 Resp: 100456

Ion Ratio Lower Upper

105 100

134 21.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 10.354 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

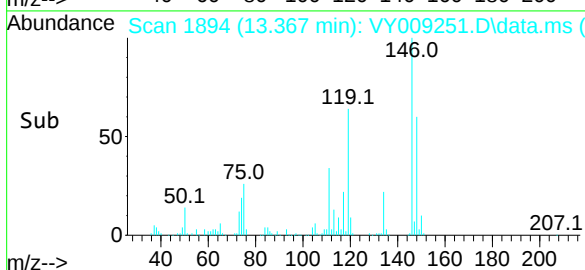
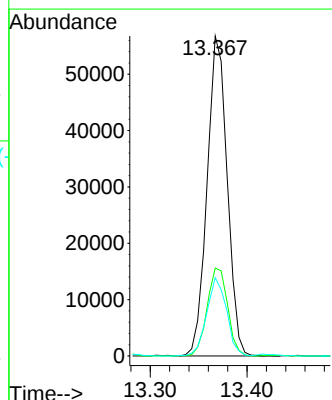
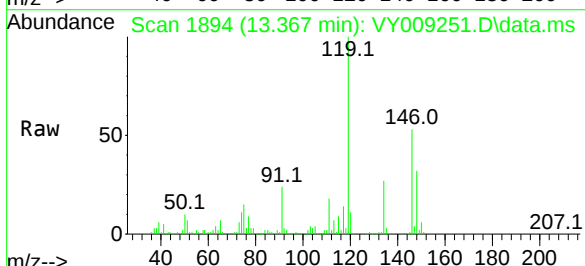
Tgt Ion:119 Resp: 82087

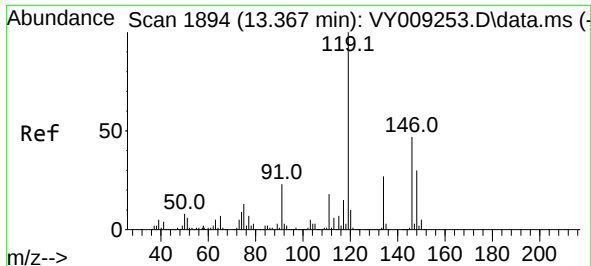
Ion Ratio Lower Upper

119 100

134 28.0 13.2 39.5

91 24.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 10.868 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

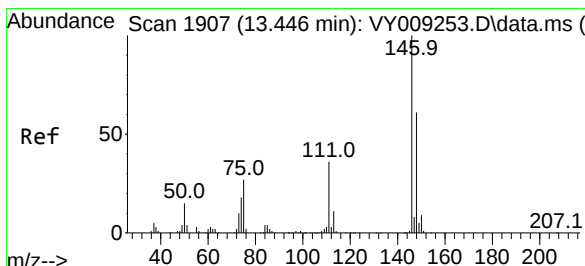
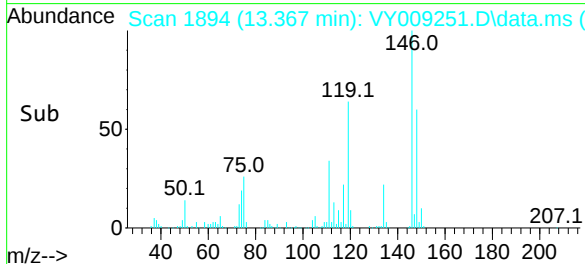
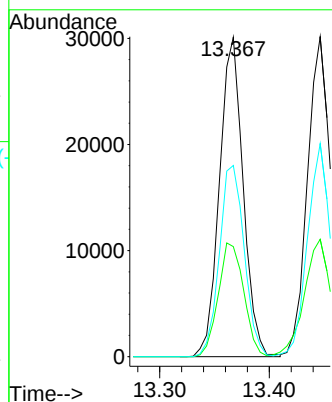
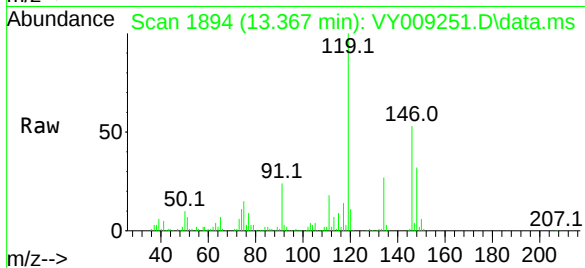
Tgt Ion:146 Resp: 45137

Ion Ratio Lower Upper

146 100

111 38.3 19.5 58.5

148 63.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 10.637 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

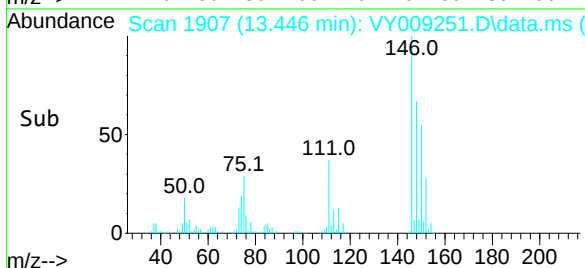
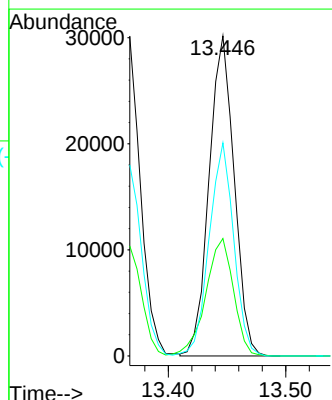
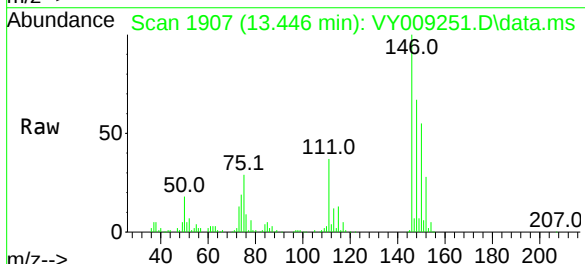
Tgt Ion:146 Resp: 44763

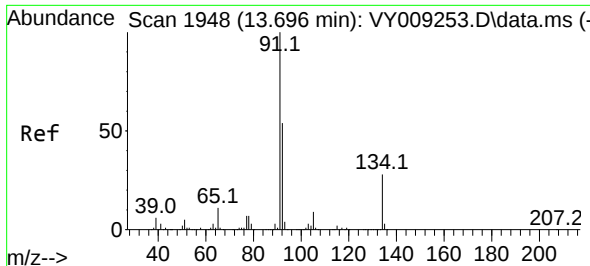
Ion Ratio Lower Upper

146 100

111 40.7 19.3 57.8

148 65.4 32.6 97.8

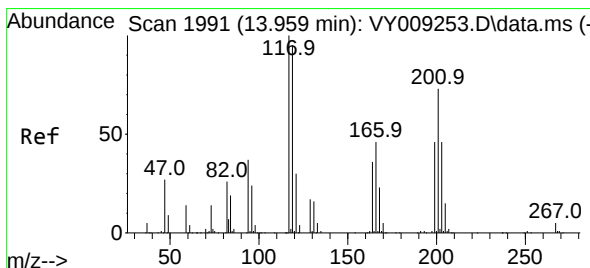
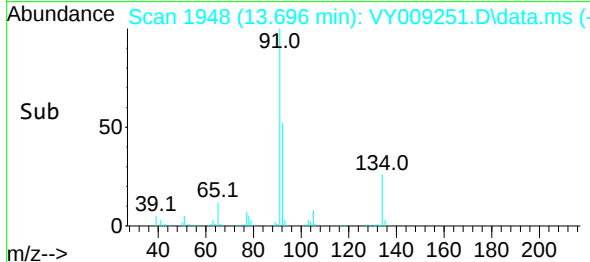
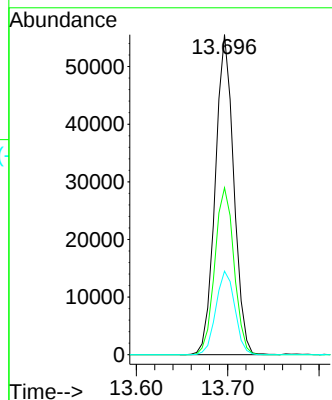
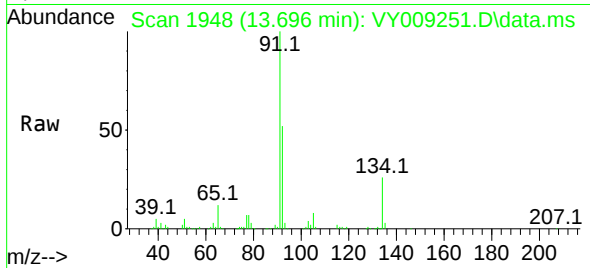




#89
n-Butylbenzene
Concen: 10.438 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

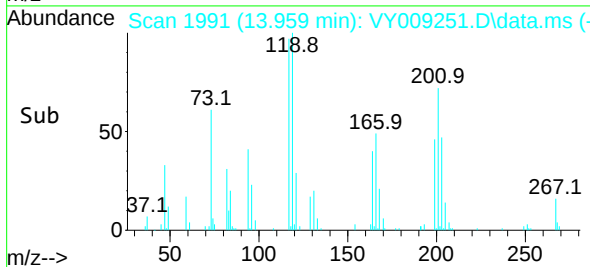
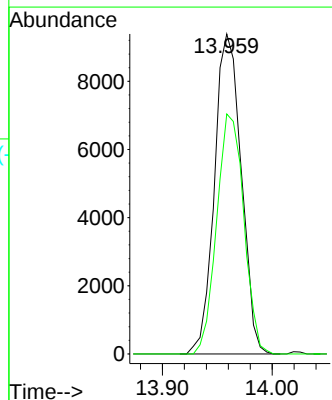
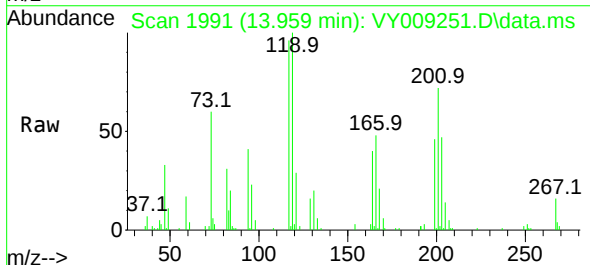
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

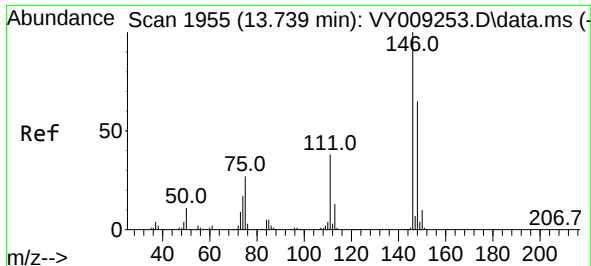
Tgt Ion: 91 Resp: 78089
Ion Ratio Lower Upper
91 100
92 54.2 26.3 78.9
134 26.7 13.0 38.9



#90
Hexachloroethane
Concen: 10.597 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion: 117 Resp: 15917
Ion Ratio Lower Upper
117 100
201 75.9 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 10.655 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

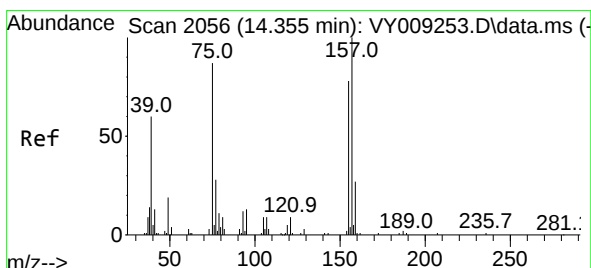
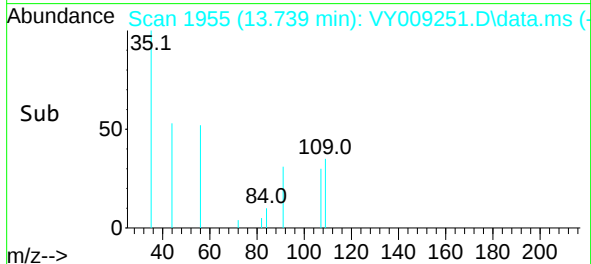
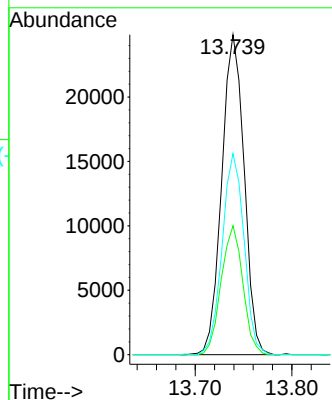
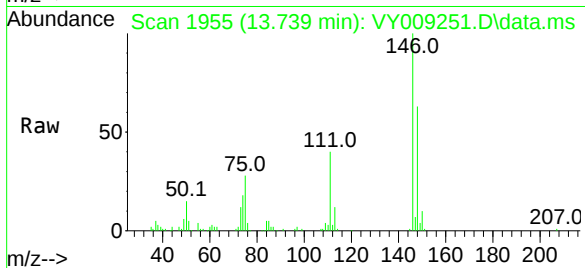
Tgt Ion:146 Resp: 39916

Ion Ratio Lower Upper

146 100

111 38.9 20.3 60.9

148 61.5 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.971 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

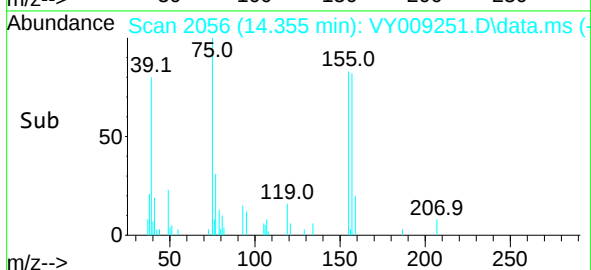
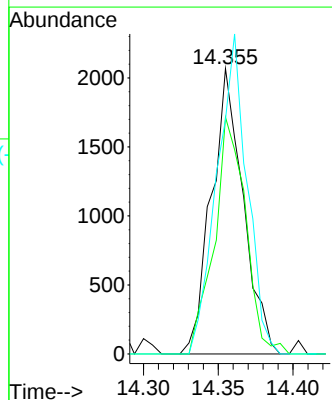
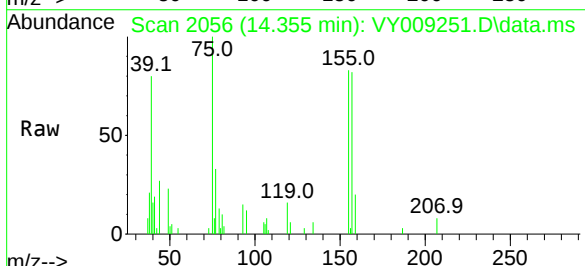
Tgt Ion: 75 Resp: 3066

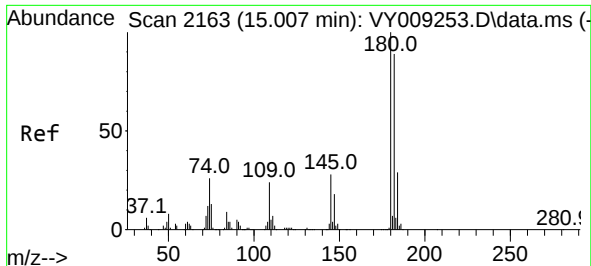
Ion Ratio Lower Upper

75 100

155 81.3 38.0 113.9

157 106.4 47.8 143.3

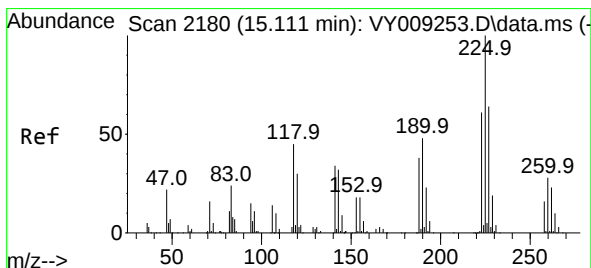
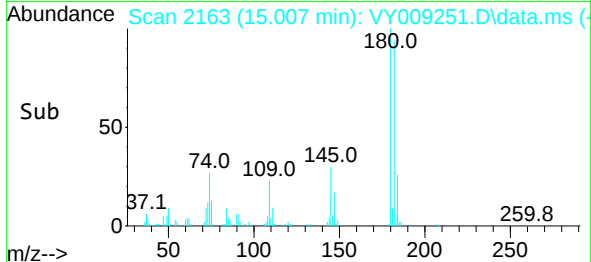
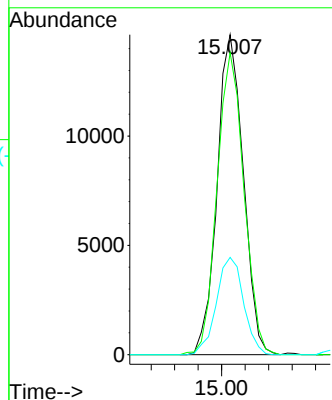
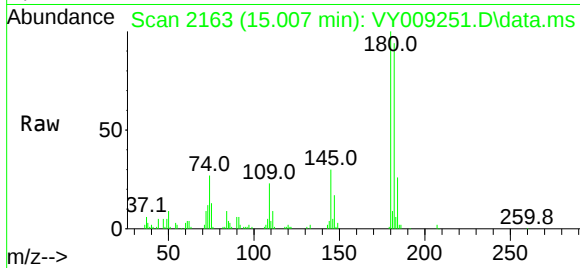




#93
1,2,4-Trichlorobenzene
Concen: 9.676 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

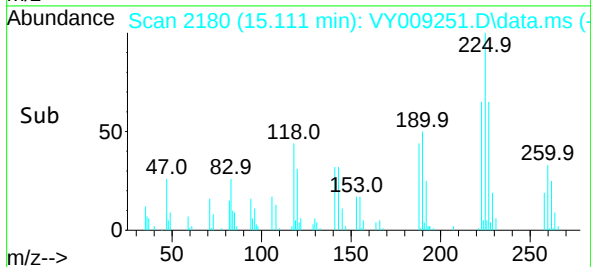
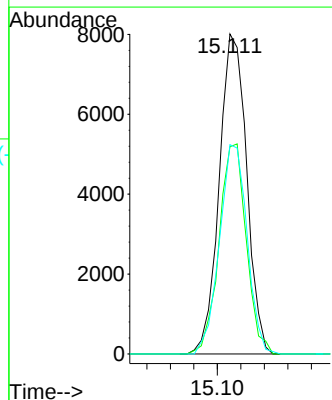
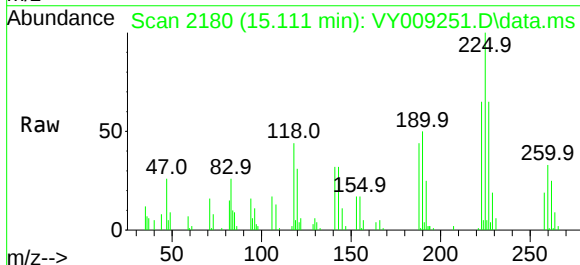
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

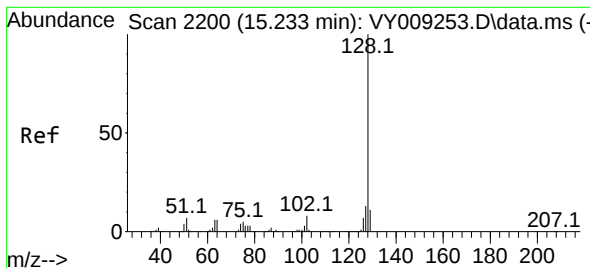
Tgt Ion:180 Resp: 22708
Ion Ratio Lower Upper
180 100
182 96.5 47.3 141.9
145 31.5 14.6 43.8



#94
Hexachlorobutadiene
Concen: 10.054 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY009251.D
Acq: 21 Jun 2022 12:10

Tgt Ion:225 Resp: 12975
Ion Ratio Lower Upper
225 100
223 65.1 30.8 92.3
227 66.0 31.6 94.7





#95

Naphthalene

Concen: 8.909 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

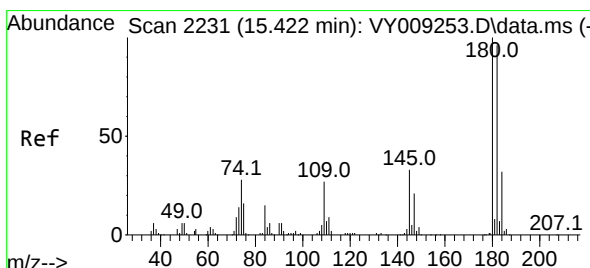
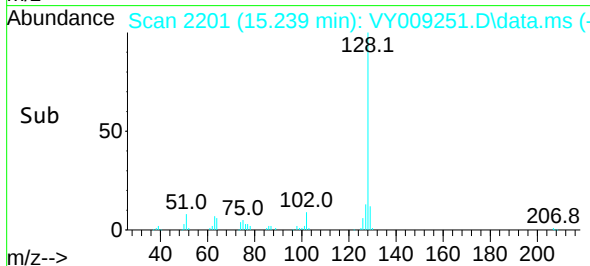
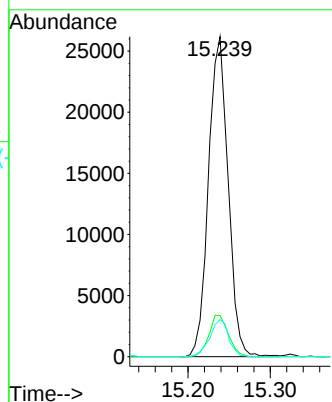
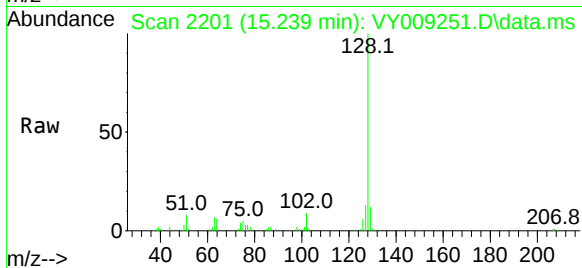
Tgt Ion:128 Resp: 43373

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 11.2 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 9.254 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY009251.D

Acq: 21 Jun 2022 12:10

Tgt Ion:180 Resp: 18979

Ion Ratio Lower Upper

180 100

182 98.1 47.3 141.9

145 30.7 15.3 45.9

