

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008912.D
 Acq On : 20 May 2022 18:39
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: May 20 22:59:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 22:58:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	127204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	208319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	192654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92753	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	7575	6.665	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	13.320%#
35) Dibromofluoromethane	7.716	113	6728	5.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.340%#
50) Toluene-d8	10.179	98	25669	5.768	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	11.540%#
62) 4-Bromofluorobenzene	12.483	95	8369	4.945	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	9.900%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	6140	5.962	ug/l	99
3) Chloromethane	2.113	50	9941	6.339	ug/l #	88
4) Vinyl Chloride	2.247	62	13764	6.183	ug/l	94
5) Bromomethane	2.643	94	13045	7.550	ug/l	100
6) Chloroethane	2.796	64	9567	5.914	ug/l	93
7) Trichlorofluoromethane	3.125	101	10973	5.358	ug/l	100
8) Diethyl Ether	3.521	74	3472	5.925	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	7072	5.749	ug/l	90
10) Methyl Iodide	4.076	142	2455	1.791	ug/l #	56
11) Tert butyl alcohol	4.948	59	3810	28.932	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	6158	5.490	ug/l #	74
13) Acrolein	3.735	56	1565	25.441	ug/l	98
14) Allyl chloride	4.485	41	9083	5.466	ug/l #	90
15) Acrylonitrile	5.161	53	9414	24.566	ug/l	97
16) Acetone	3.948	43	8474	27.913	ug/l	96
17) Carbon Disulfide	4.192	76	19671	5.773	ug/l	97
18) Methyl Acetate	4.478	43	4747	4.898	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	17579	5.741	ug/l	99
20) Methylene Chloride	4.716	84	16510	10.320	ug/l #	82
21) trans-1,2-Dichloroethene	5.216	96	7592	5.507	ug/l	85
22) Diisopropyl ether	6.118	45	20452	5.727	ug/l	97
23) Vinyl Acetate	6.057	43	66053	26.543	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	13099	5.628	ug/l	98
25) 2-Butanone	6.984	43	12991	25.985	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	12559	5.722	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	8314	5.402	ug/l	90
28) Bromochloromethane	7.338	49	4604	5.401	ug/l	90
29) Tetrahydrofuran	7.350	42	8431	25.225	ug/l #	86
30) Chloroform	7.502	83	14309	5.746	ug/l	96
31) Cyclohexane	7.783	56	14293	6.491	ug/l #	76
32) 1,1,1-Trichloroethane	7.697	97	12402	5.372	ug/l	98
36) 1,1-Dichloropropene	7.911	75	11384	5.620	ug/l	99
37) Ethyl Acetate	7.069	43	6330	5.377	ug/l	97
38) Carbon Tetrachloride	7.899	117	10995	5.087	ug/l	94
39) Methylcyclohexane	9.179	83	12906	5.264	ug/l #	85
40) Benzene	8.161	78	30817	5.420	ug/l	99

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	7511	12.113	ug/l #	53
42) 1,2-Dichloroethane	8.240	62	9590	5.744	ug/l	94
43) Isopropyl Acetate	8.270	43	10417	5.224	ug/l #	89
44) Trichloroethene	8.941	130	8331	5.417	ug/l	100
45) 1,2-Dichloropropane	9.215	63	7516	5.543	ug/l	97
46) Dibromomethane	9.301	93	4780	5.385	ug/l	87
47) Bromodichloromethane	9.490	83	10951	5.559	ug/l	87
48) Methyl methacrylate	9.295	41	4230	4.792	ug/l #	74
49) 1,4-Dioxane	9.301	88	1302	100.785	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	28039	24.064	ug/l	91
52) Toluene	10.246	92	19671	5.056	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	10455	5.079	ug/l	91
54) cis-1,3-Dichloropropene	9.929	75	11997	5.413	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	6282	5.205	ug/l	97
56) Ethyl methacrylate	10.508	69	7097	4.780	ug/l	91
57) 1,3-Dichloropropane	10.788	76	10686	5.375	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	17052	23.416	ug/l	93
59) 2-Hexanone	10.831	43	17837	21.625	ug/l	92
60) Dibromochloromethane	10.983	129	7350	5.040	ug/l	100
61) 1,2-Dibromoethane	11.087	107	6188	5.132	ug/l	96
64) Tetrachloroethene	10.715	164	6945	5.418	ug/l	93
65) Chlorobenzene	11.514	112	21265	5.269	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	7395	4.993	ug/l	95
67) Ethyl Benzene	11.593	91	36143	4.983	ug/l	99
68) m/p-Xylenes	11.703	106	26836	9.231	ug/l	97
69) o-Xylene	12.032	106	13120	4.889	ug/l	92
70) Styrene	12.044	104	20659	4.512	ug/l	93
71) Bromoform	12.209	173	4483	4.461	ug/l #	95
73) Isopropylbenzene	12.331	105	33206	5.062	ug/l	100
74) N-amyl acetate	12.142	43	8492	5.456	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	8174	5.681	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	9887	9.102	ug/l #	100
77) Bromobenzene	12.611	156	8294	5.459	ug/l	95
78) n-propylbenzene	12.672	91	41899	5.572	ug/l	99
79) 2-Chlorotoluene	12.757	91	22546	5.161	ug/l	92
80) 1,3,5-Trimethylbenzene	12.812	105	26894	5.048	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	2467	5.001	ug/l	97
82) 4-Chlorotoluene	12.855	91	24030	5.189	ug/l	99
83) tert-Butylbenzene	13.074	119	24185	5.067	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	26491	5.014	ug/l	99
85) sec-Butylbenzene	13.257	105	37548	5.048	ug/l	99
86) p-Isopropyltoluene	13.373	119	28839	4.745	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	16685	5.212	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	17729	5.603	ug/l	97
89) n-Butylbenzene	13.696	91	28583	4.992	ug/l	99
90) Hexachloroethane	13.965	117	6192	5.399	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	14995	5.372	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1219	5.024	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	8291	5.444	ug/l	97
94) Hexachlorobutadiene	15.117	225	4710	5.411	ug/l	95
95) Naphthalene	15.233	128	15735	4.697	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	7639	5.726	ug/l	96

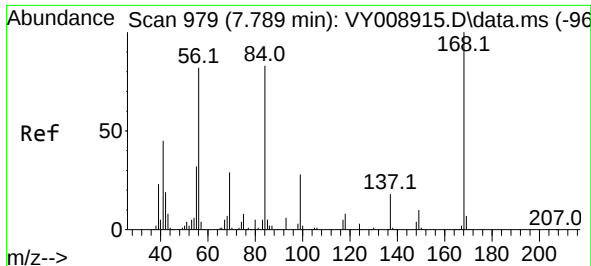
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
Data File : VY008912.D
Acq On : 20 May 2022 18:39
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Fri May 20 22:58:02 2022
Response via : Initial Calibration

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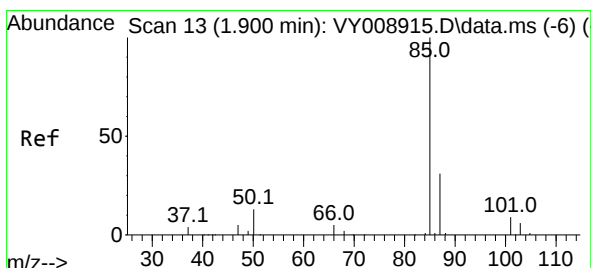
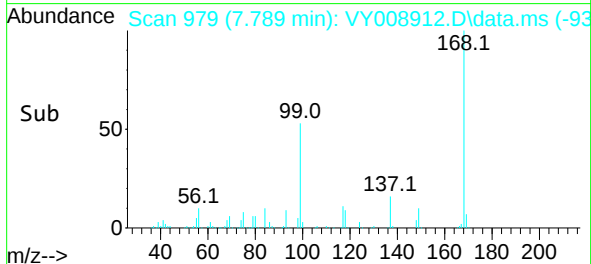
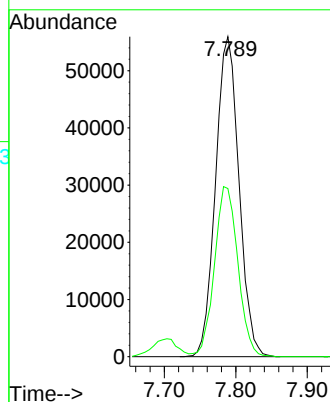
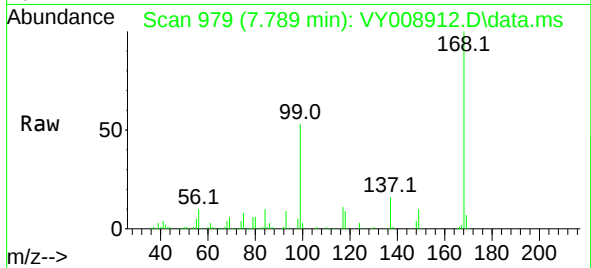
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

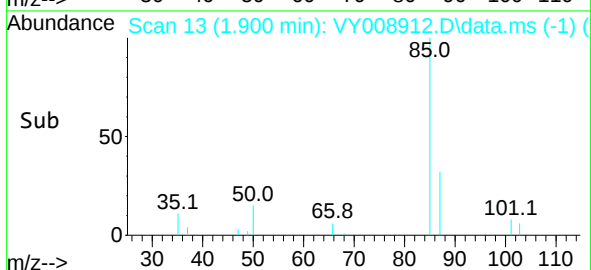
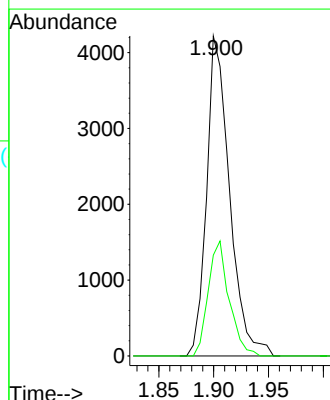
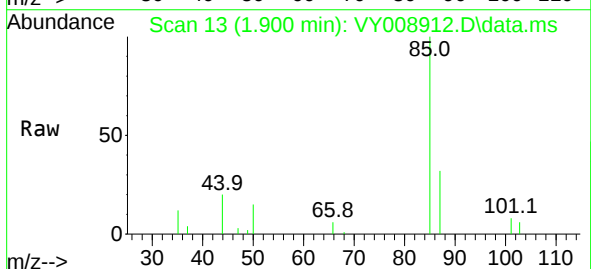
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

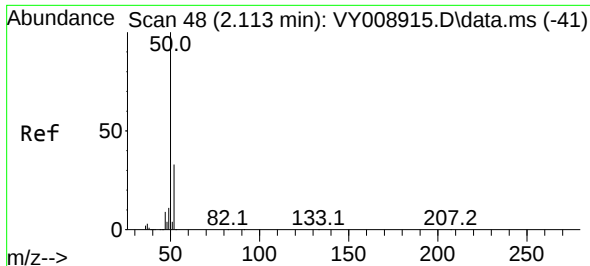
Tgt Ion:168 Resp: 127204
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 5.962 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 85 Resp: 6140
Ion Ratio Lower Upper
85 100
87 31.5 16.1 48.2

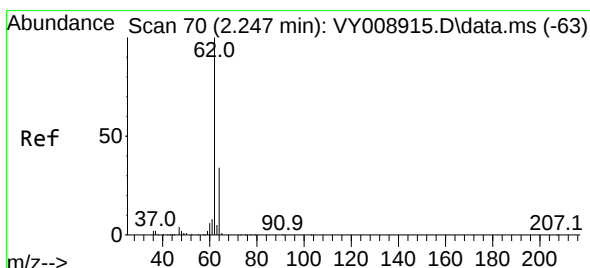
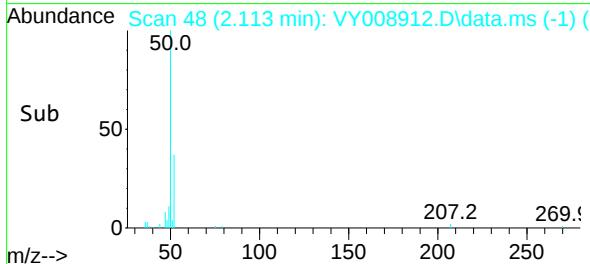
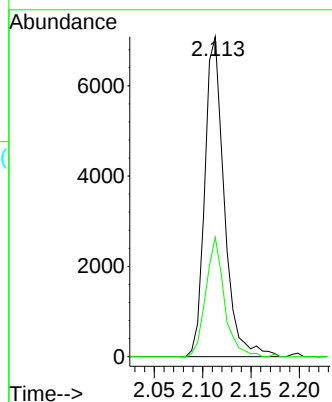
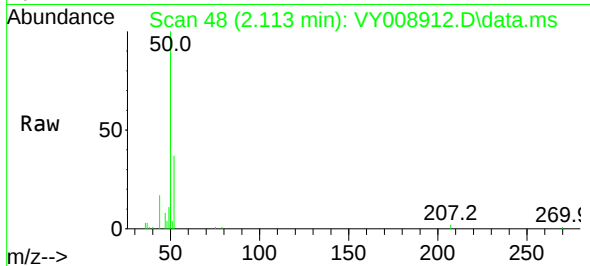




#3
Chloromethane
Concen: 6.339 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

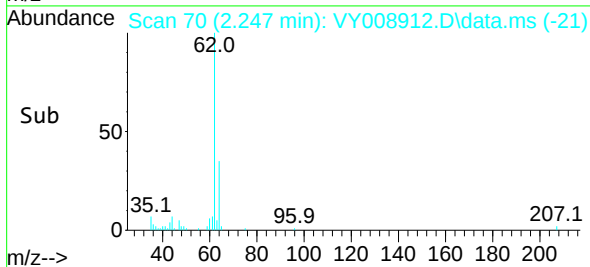
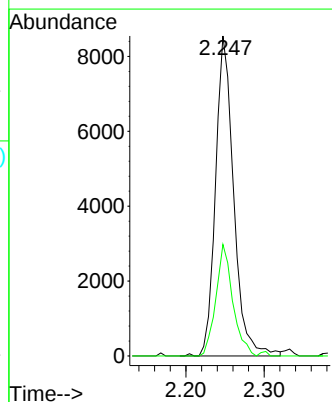
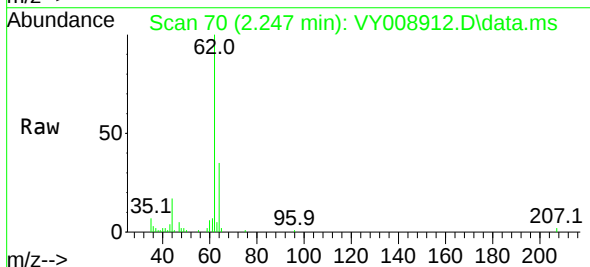
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

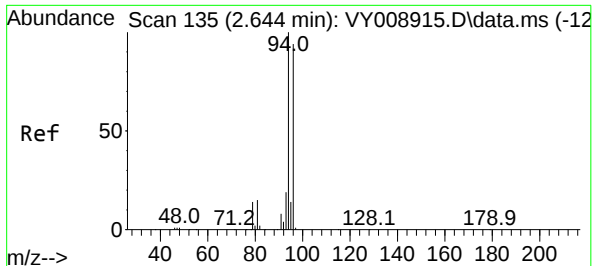
Tgt Ion: 50 Resp: 9941
Ion Ratio Lower Upper
50 100
52 37.3 24.6 37.0#



#4
Vinyl Chloride
Concen: 6.183 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 62 Resp: 13764
Ion Ratio Lower Upper
62 100
64 34.9 25.0 37.6

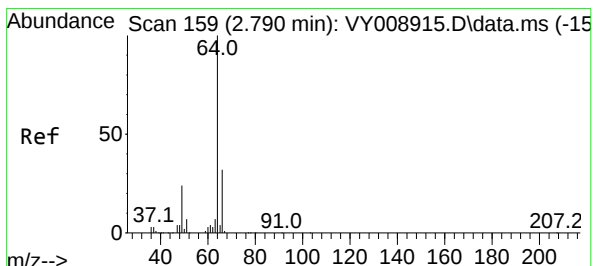
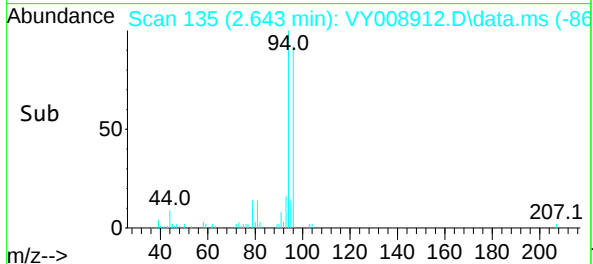
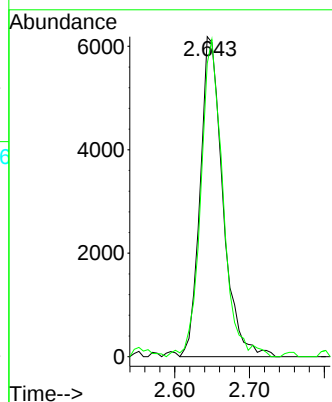
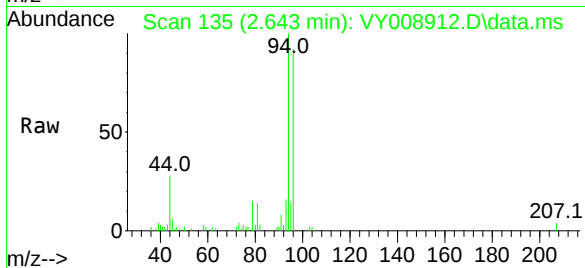




#5
Bromomethane
Concen: 7.550 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

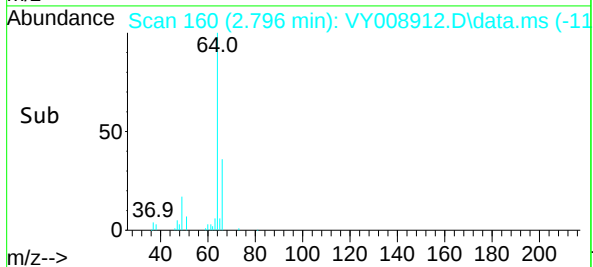
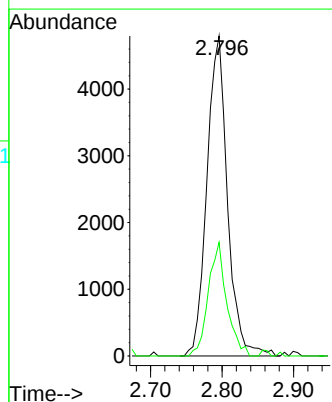
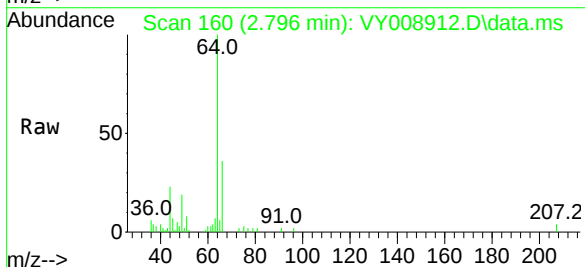
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

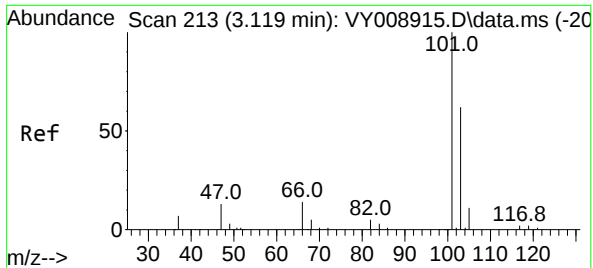
Tgt Ion: 94 Resp: 13045
Ion Ratio Lower Upper
94 100
96 91.6 73.5 110.3



#6
Chloroethane
Concen: 5.914 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 64 Resp: 9567
Ion Ratio Lower Upper
64 100
66 35.5 25.4 38.0

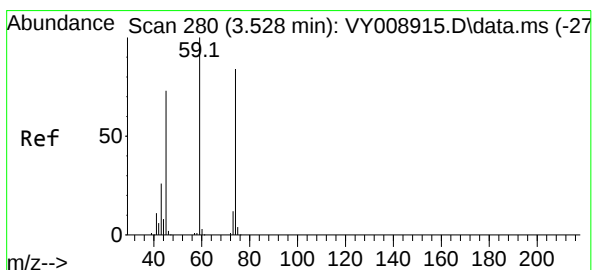
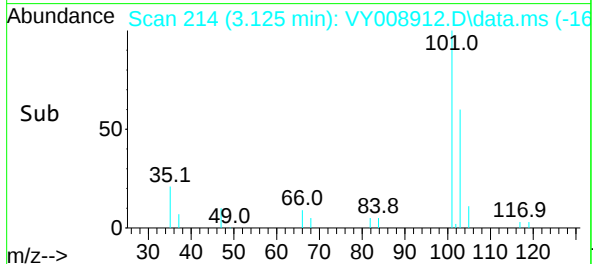
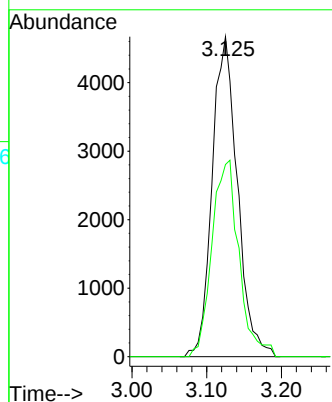
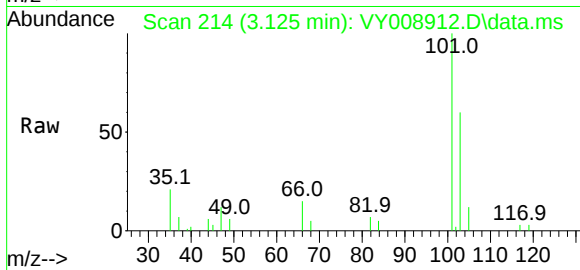




#7
Trichlorofluoromethane
Concen: 5.358 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

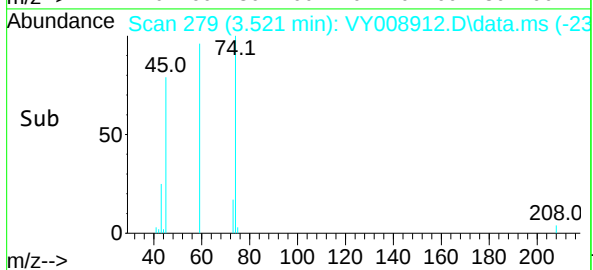
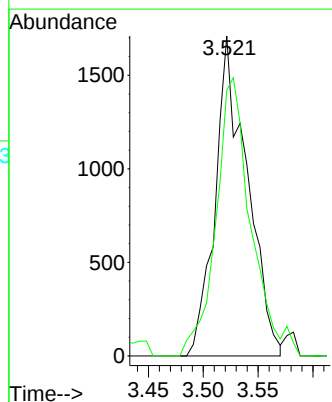
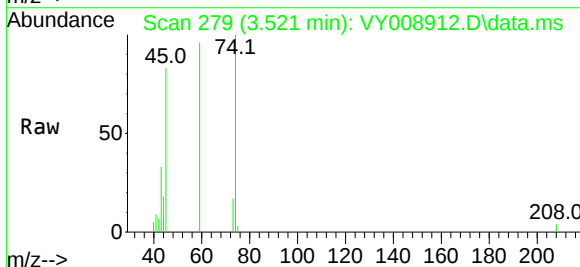
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

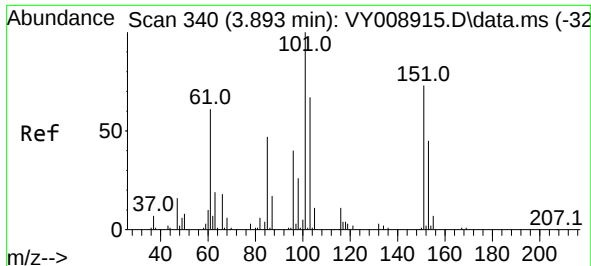
Tgt Ion:101 Resp: 10973
Ion Ratio Lower Upper
101 100
103 60.0 48.0 72.0



#8
Diethyl Ether
Concen: 5.925 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 74 Resp: 3472
Ion Ratio Lower Upper
74 100
45 94.7 55.1 165.5

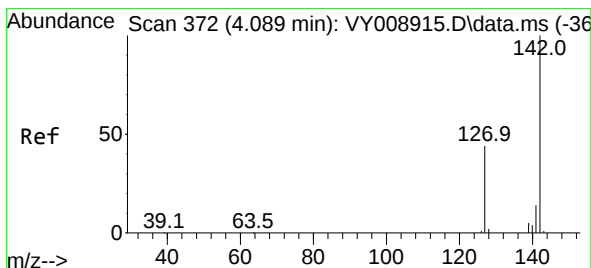
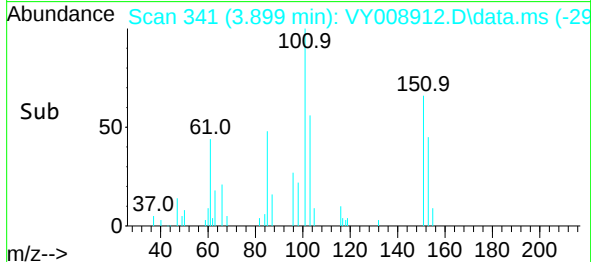
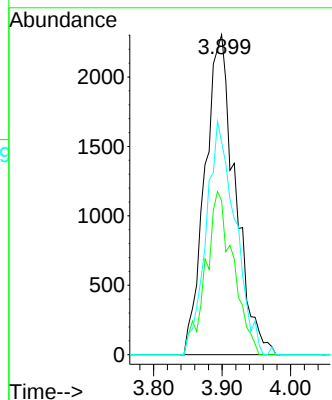
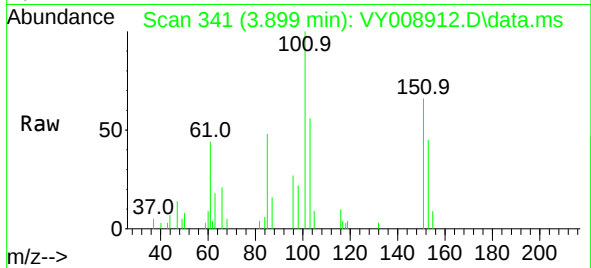




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.749 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

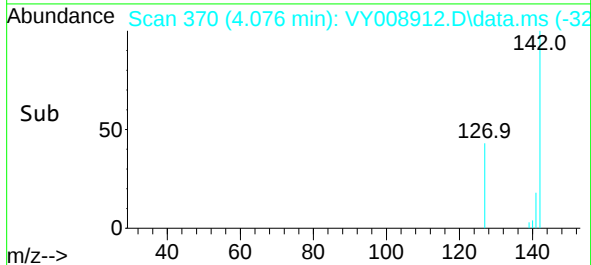
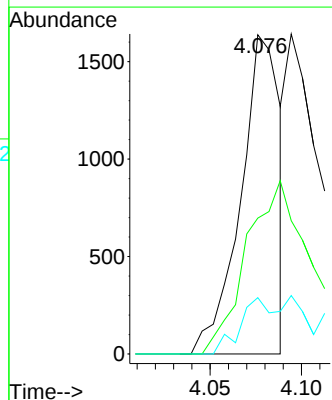
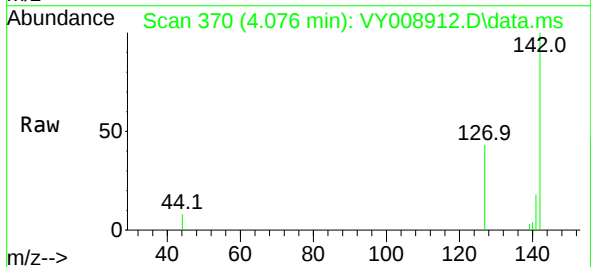
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

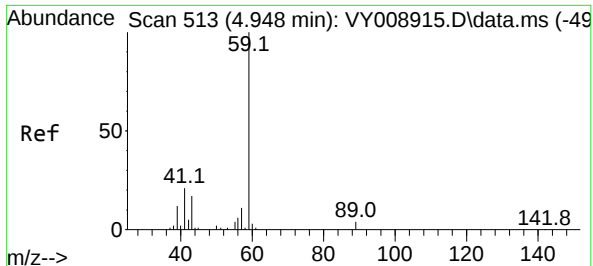
Tgt Ion:101 Resp: 7072
Ion Ratio Lower Upper
101 100
85 46.3 40.6 60.8
151 70.3 64.9 97.3



#10
Methyl Iodide
Concen: 1.791 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.012 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion:142 Resp: 2455
Ion Ratio Lower Upper
142 100
127 90.7 41.5 62.3#
141 13.4 11.9 17.9





#11

Tert butyl alcohol

Concen: 28.932 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

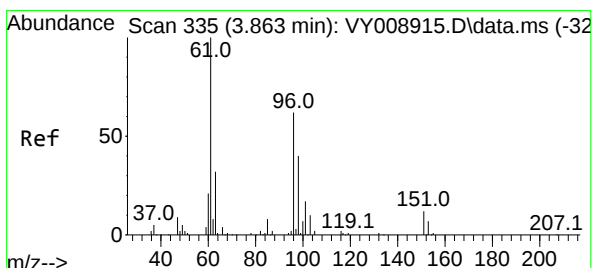
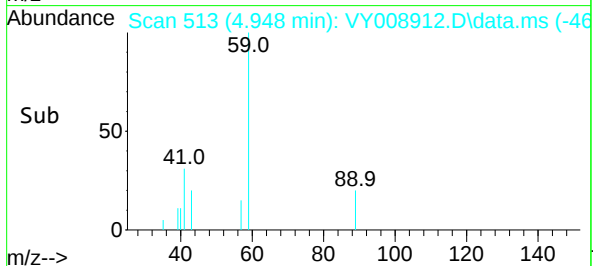
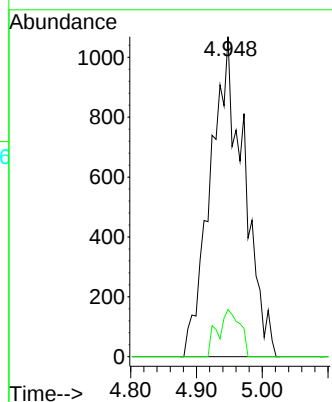
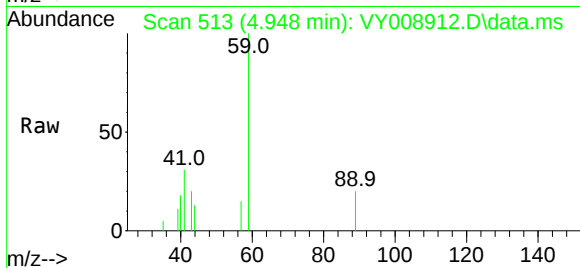
VSTDIC005

Tgt Ion: 59 Resp: 3810

Ion Ratio Lower Upper

59 100

57 9.6 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 5.490 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

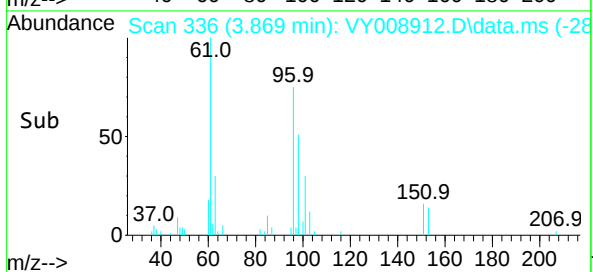
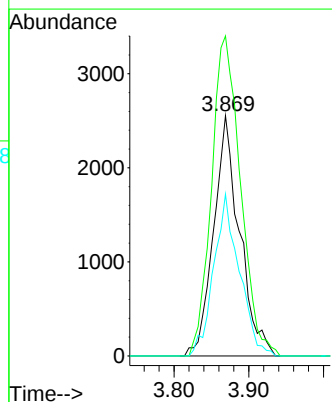
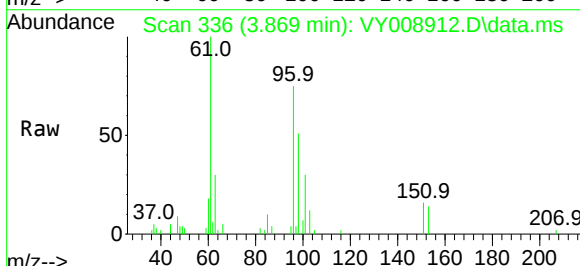
Tgt Ion: 96 Resp: 6158

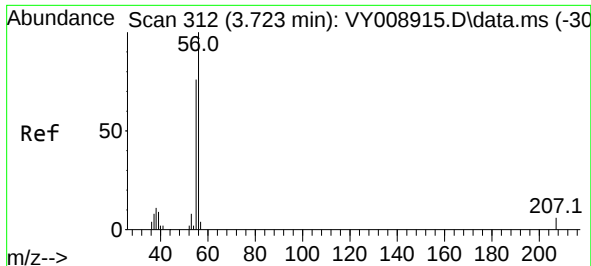
Ion Ratio Lower Upper

96 100

61 133.2 145.8 218.6#

98 67.3 52.5 78.7

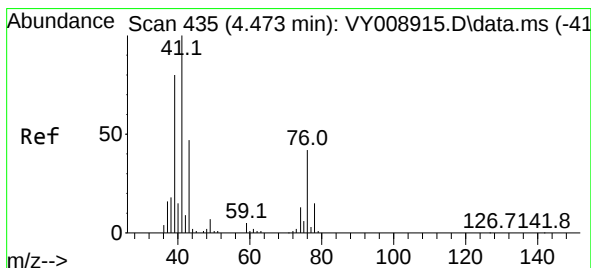
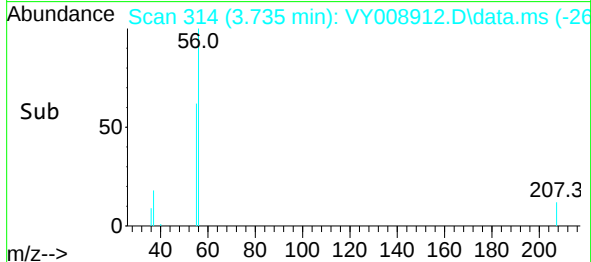
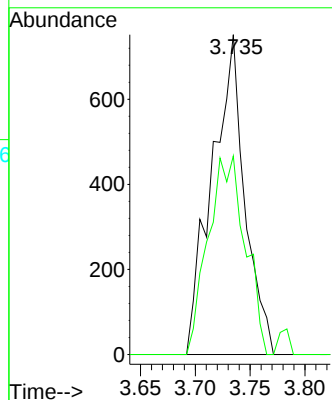
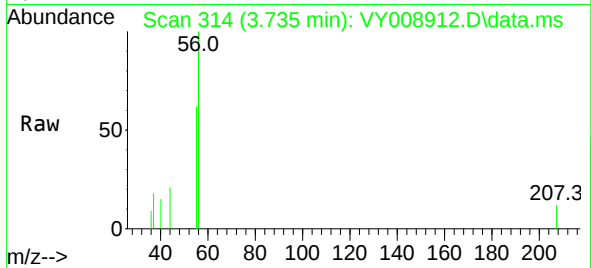




#13
Acrolein
Concen: 25.441 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

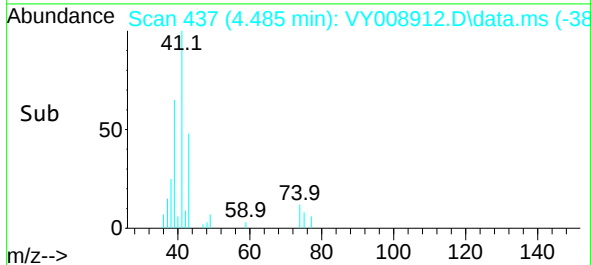
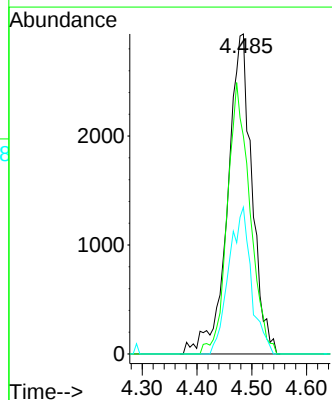
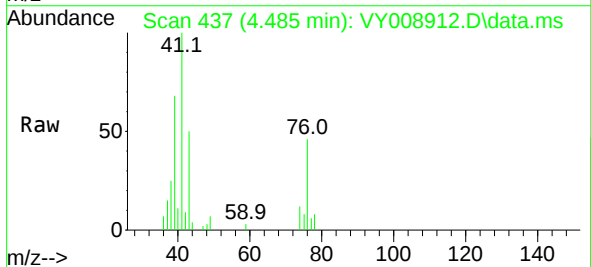
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

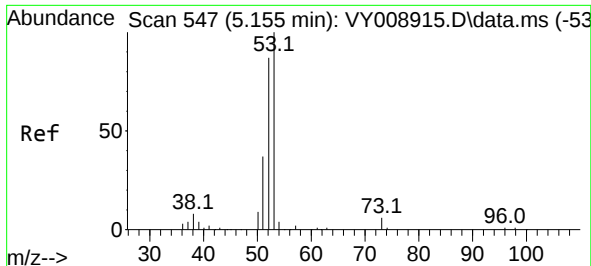
Tgt Ion: 56 Resp: 1565
Ion Ratio Lower Upper
56 100
55 70.3 57.6 86.4



#14
Allyl chloride
Concen: 5.466 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 41 Resp: 9083
Ion Ratio Lower Upper
41 100
39 78.5 58.8 88.2
76 42.3 25.1 37.7#

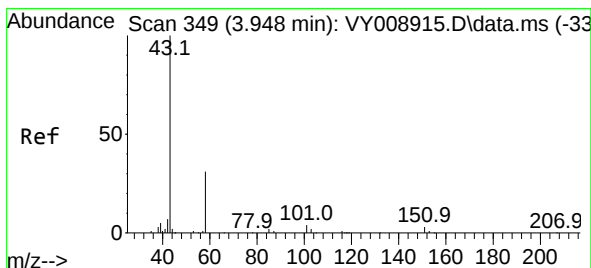
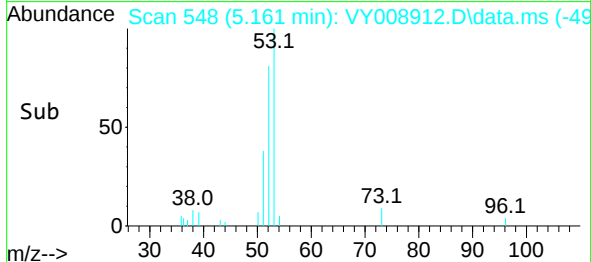
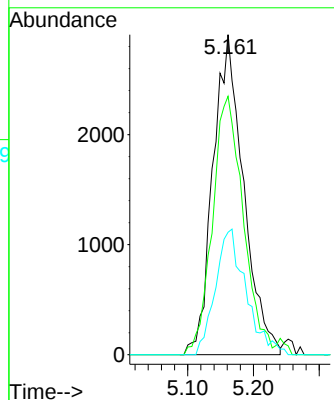
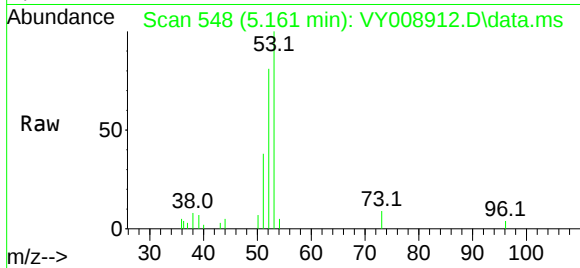




#15
Acrylonitrile
Concen: 24.566 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

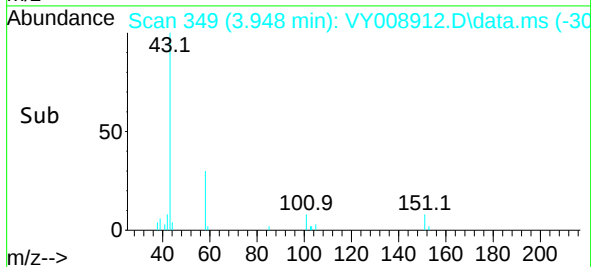
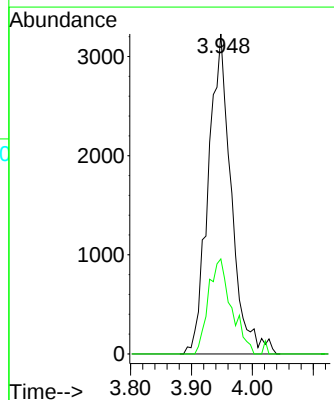
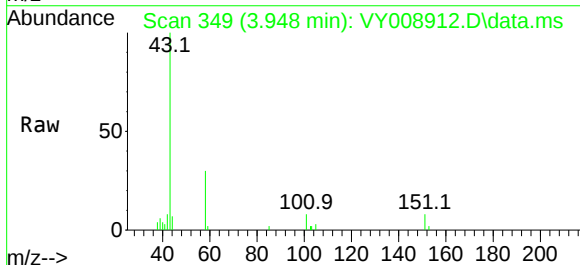
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

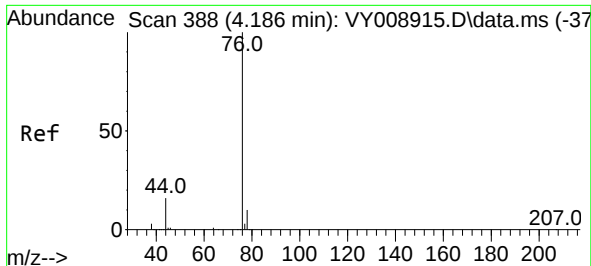
Tgt Ion: 53 Resp: 9414
Ion Ratio Lower Upper
53 100
52 81.3 67.0 100.4
51 39.2 29.8 44.6



#16
Acetone
Concen: 27.913 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 43 Resp: 8474
Ion Ratio Lower Upper
43 100
58 29.7 22.0 33.0

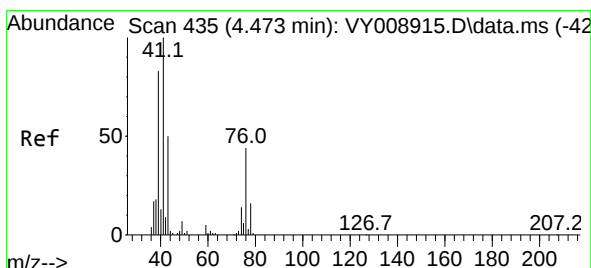
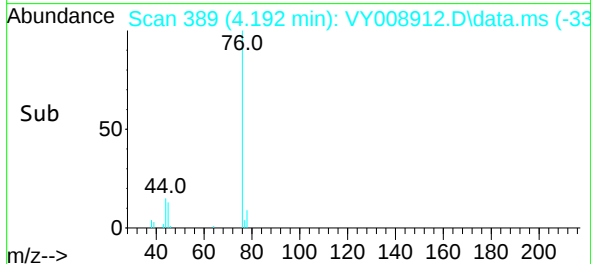
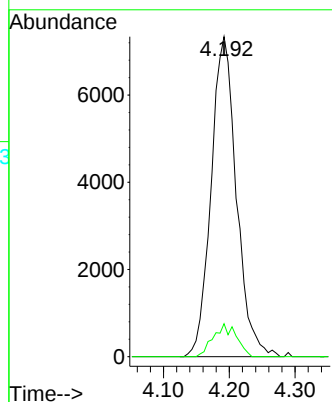
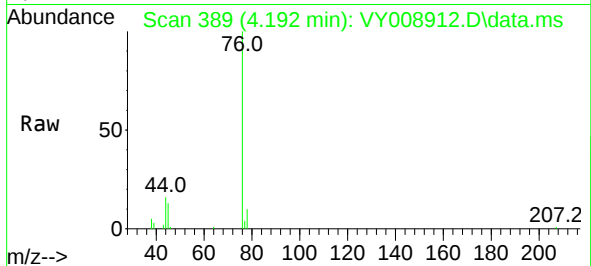




#17
Carbon Disulfide
Concen: 5.773 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

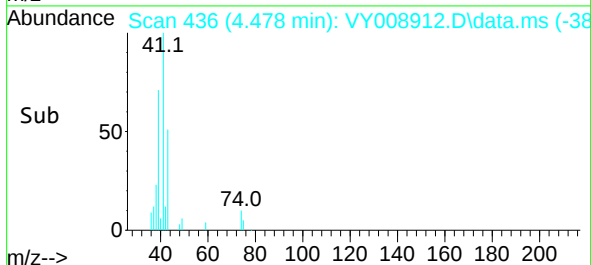
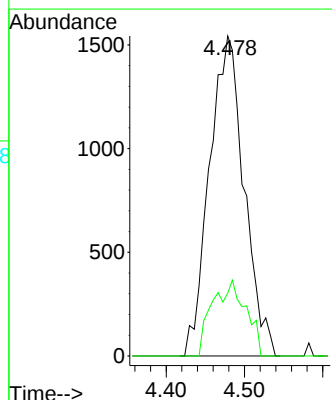
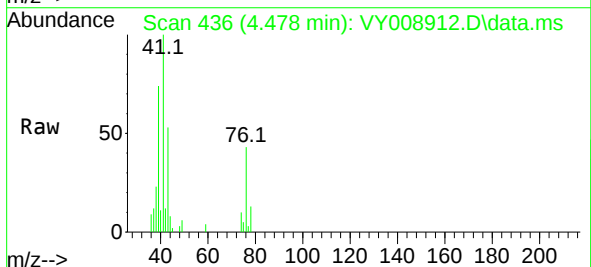
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

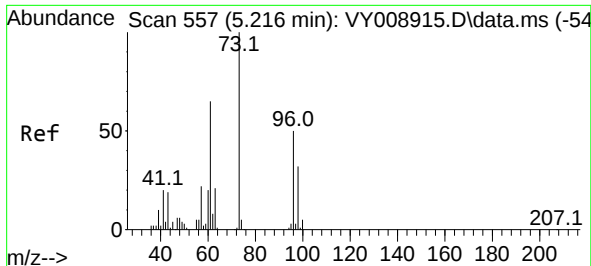
Tgt Ion: 76 Resp: 19671
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



#18
Methyl Acetate
Concen: 4.898 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 43 Resp: 4747
Ion Ratio Lower Upper
43 100
74 22.9 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 5.741 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

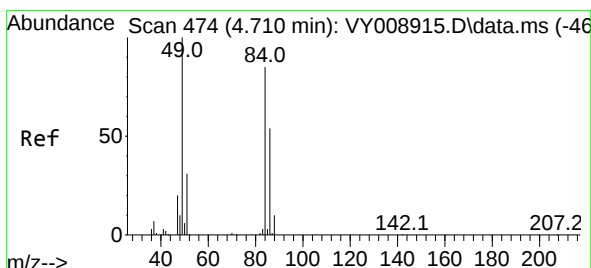
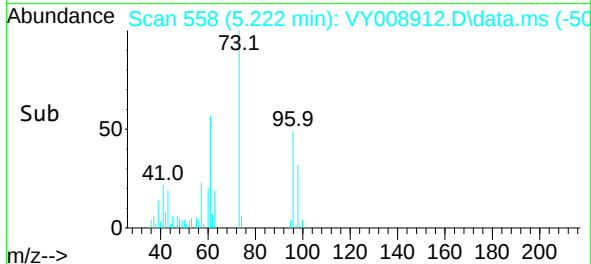
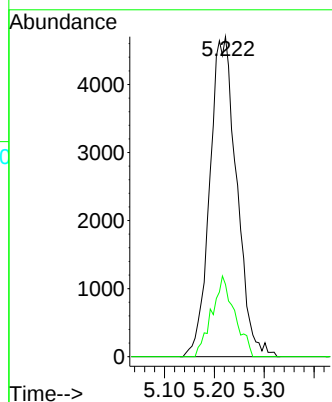
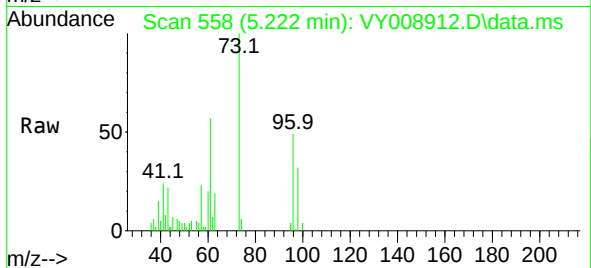
VSTDIC005

Tgt Ion: 73 Resp: 17579

Ion Ratio Lower Upper

73 100

57 22.6 18.6 27.8



#20

Methylene Chloride

Concen: 10.320 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

Tgt Ion: 84 Resp: 16510

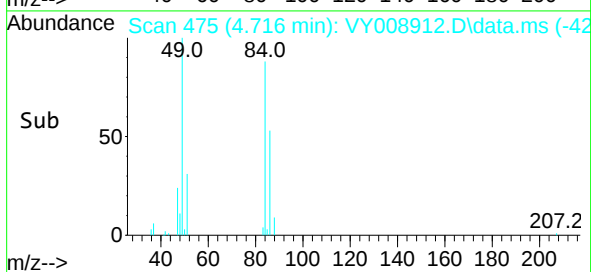
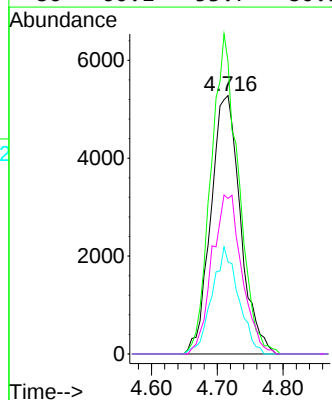
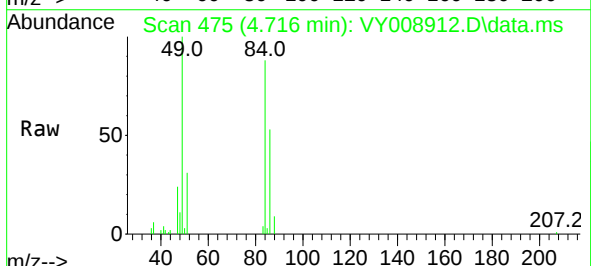
Ion Ratio Lower Upper

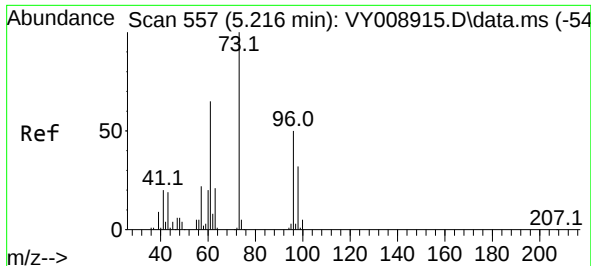
84 100

49 113.0 114.4 171.6#

51 35.6 35.3 52.9

86 60.1 53.7 80.5

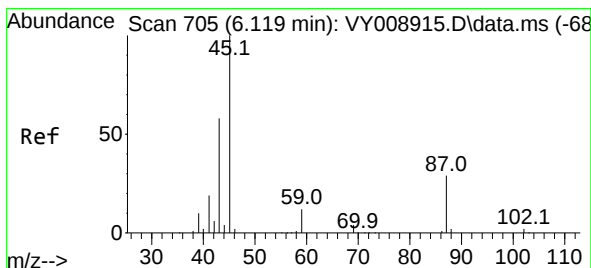
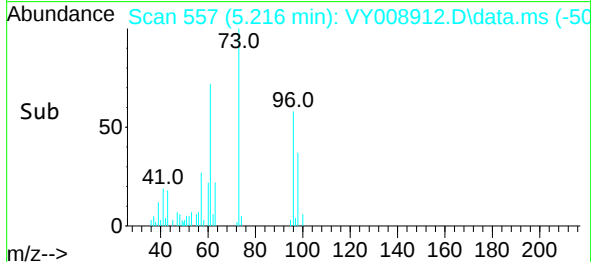
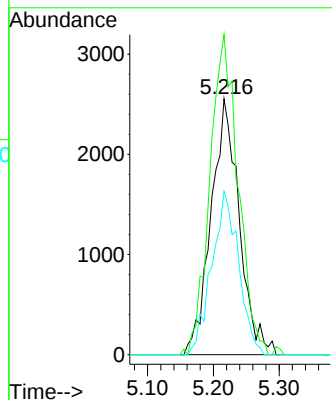
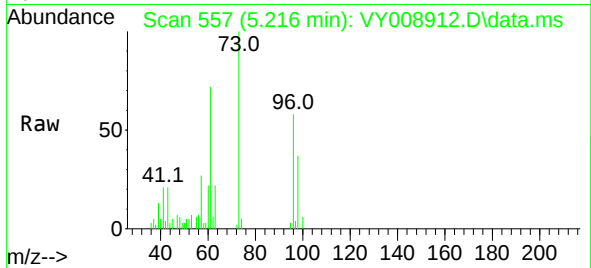




#21
trans-1,2-Dichloroethene
Concen: 5.507 ug/l
RT: 5.216 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

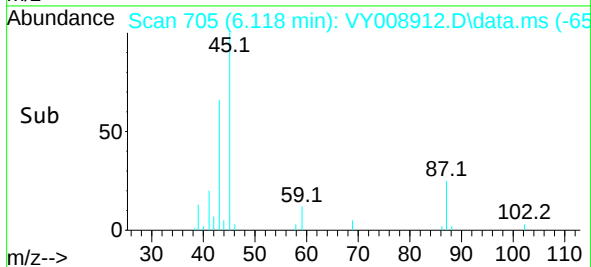
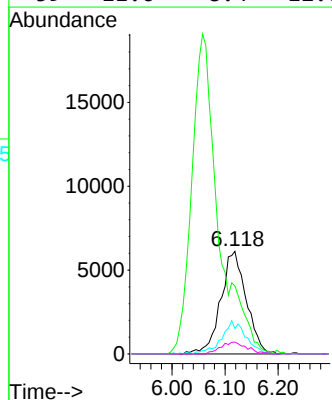
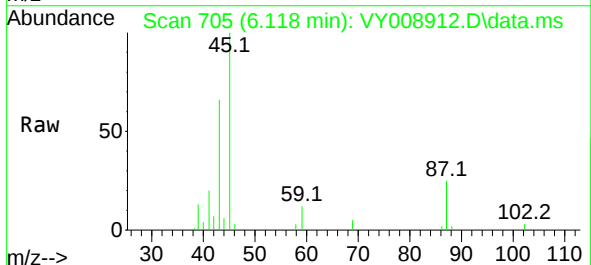
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

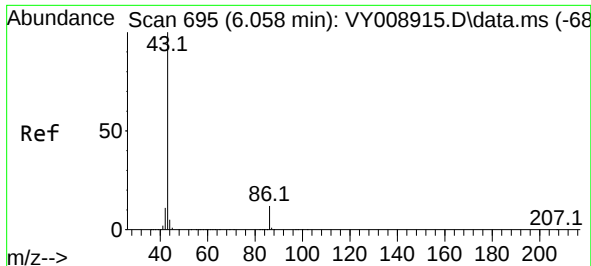
Tgt Ion: 96 Resp: 7592
Ion Ratio Lower Upper
96 100
61 125.1 120.5 180.7
98 63.9 49.8 74.8



#22
Diisopropyl ether
Concen: 5.727 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 45 Resp: 20452
Ion Ratio Lower Upper
45 100
43 64.9 49.3 73.9
87 24.8 19.2 28.8
59 11.6 8.4 12.6

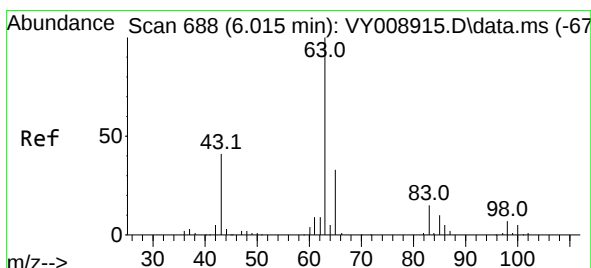
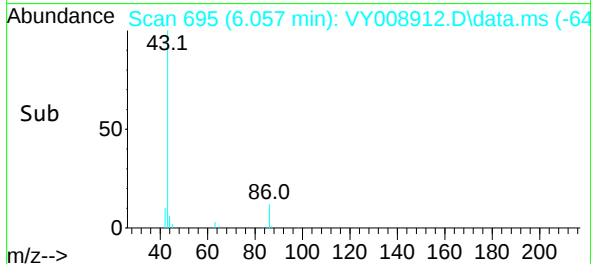
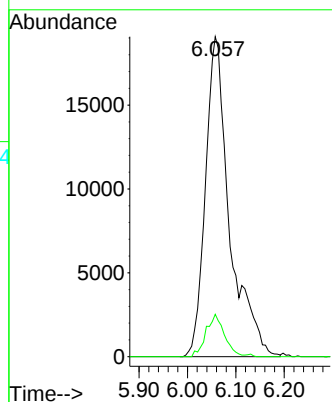
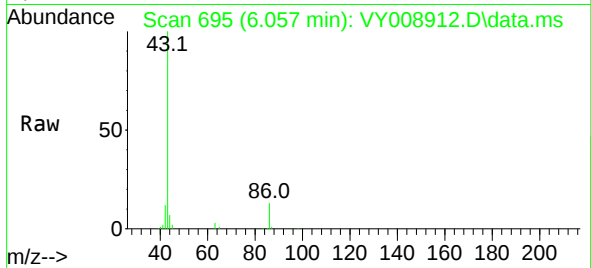




#23
 Vinyl Acetate
 Concen: 26.543 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY008912.D
 Acq: 20 May 2022 18:39

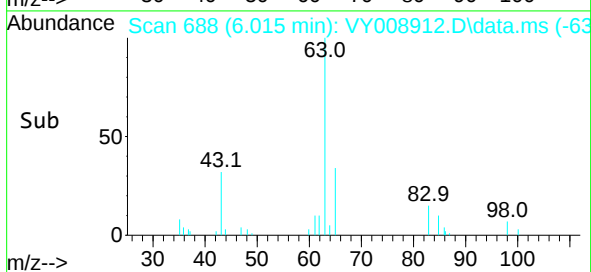
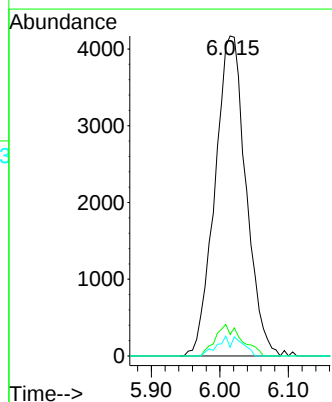
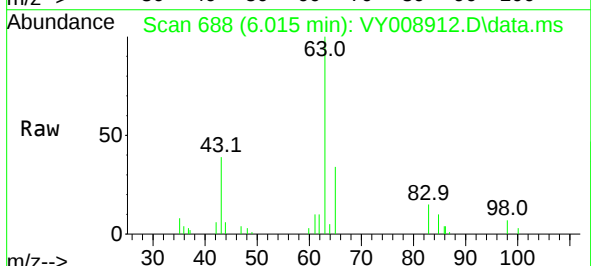
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

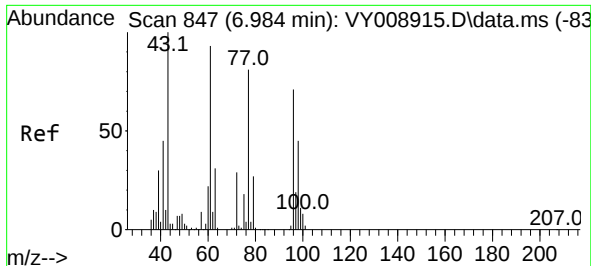
Tgt Ion: 43 Resp: 66053
 Ion Ratio Lower Upper
 43 100
 86 13.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 5.628 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY008912.D
 Acq: 20 May 2022 18:39

Tgt Ion: 63 Resp: 13099
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 2.7 2.0 5.8





#25

2-Butanone

Concen: 25.985 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

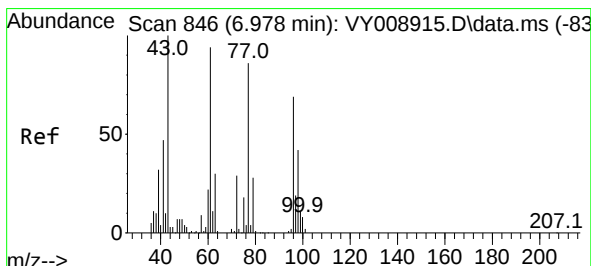
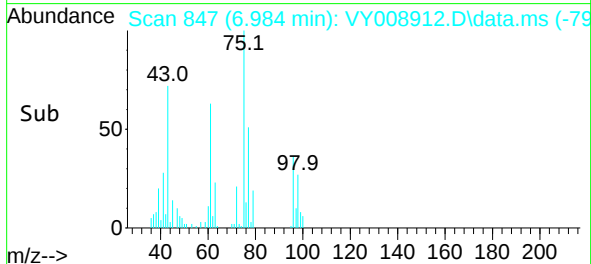
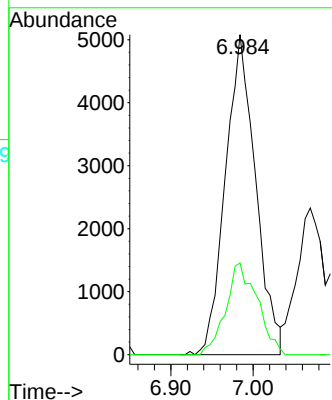
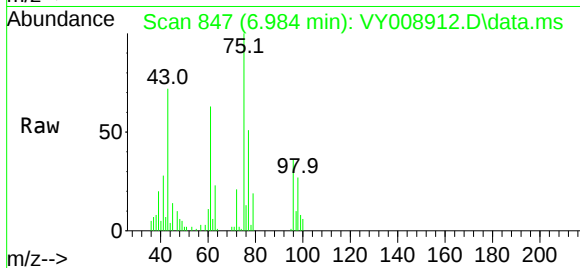
VSTDICC005

Tgt Ion: 43 Resp: 12991

Ion Ratio Lower Upper

43 100

72 28.7 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 5.722 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY008912.D

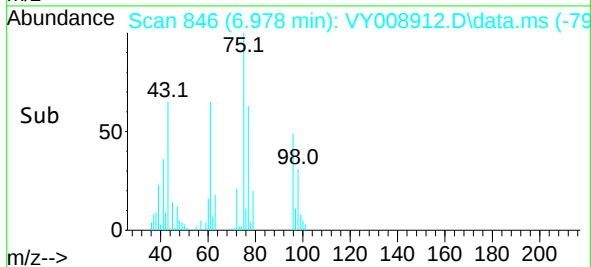
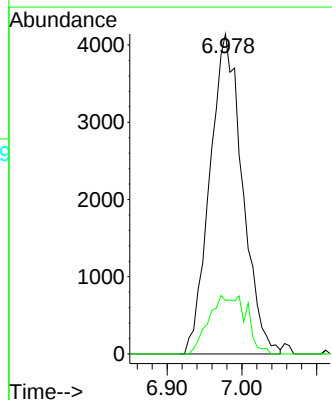
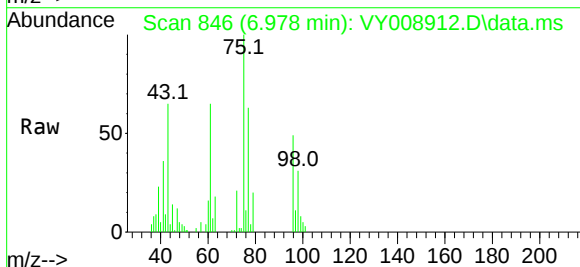
Acq: 20 May 2022 18:39

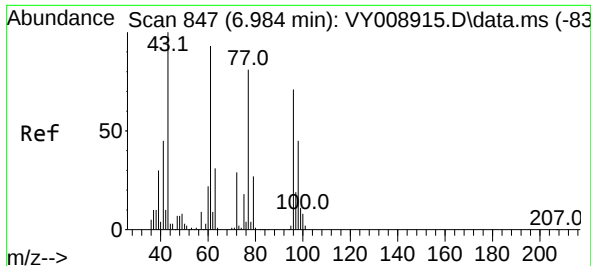
Tgt Ion: 77 Resp: 12559

Ion Ratio Lower Upper

77 100

97 21.0 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 5.402 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

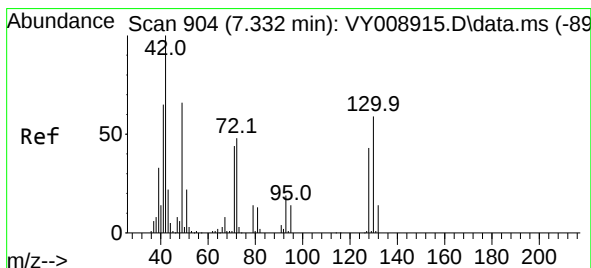
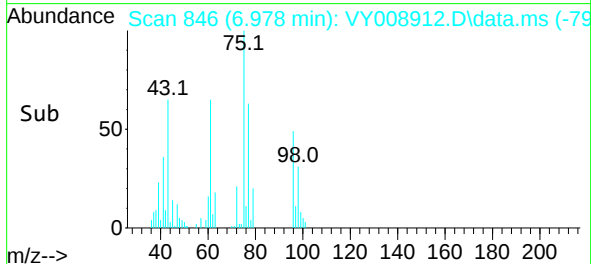
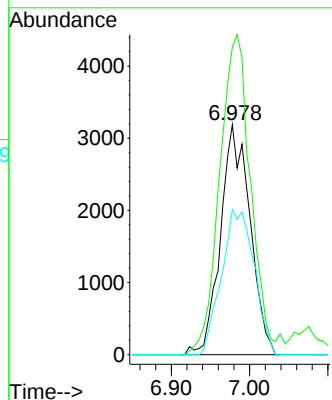
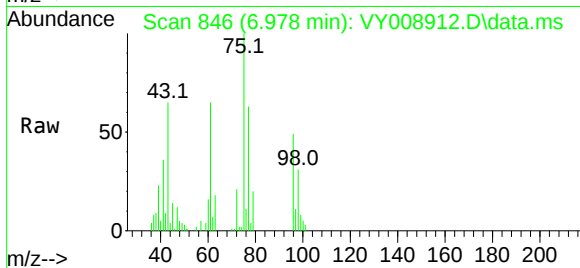
Tgt Ion: 96 Resp: 8314

Ion Ratio Lower Upper

96 100

61 145.9 0.0 319.8

98 70.2 0.0 127.0



#28

Bromochloromethane

Concen: 5.401 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

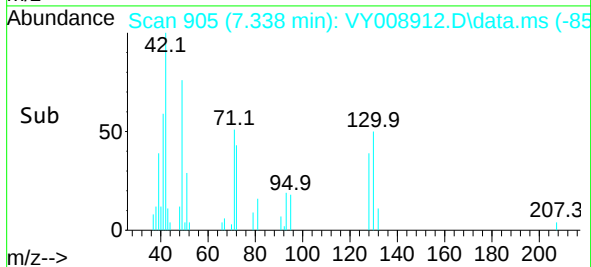
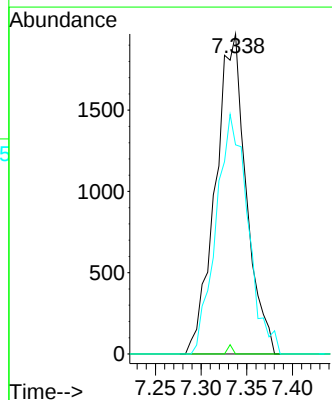
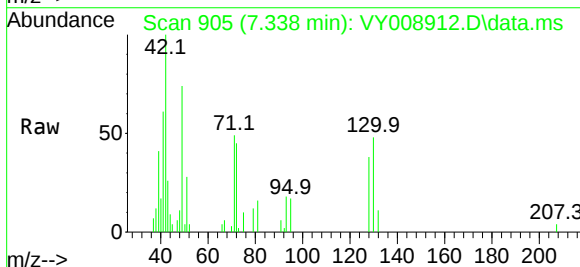
Tgt Ion: 49 Resp: 4604

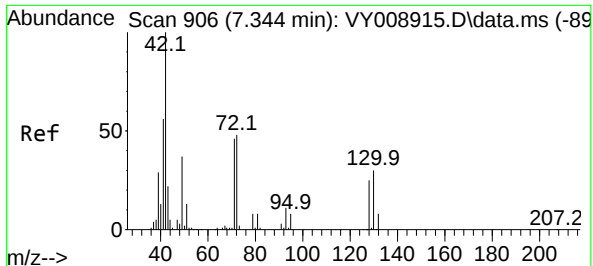
Ion Ratio Lower Upper

49 100

129 0.5 0.0 2.2

130 77.8 55.4 83.0





#29

Tetrahydrofuran

Concen: 25.225 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

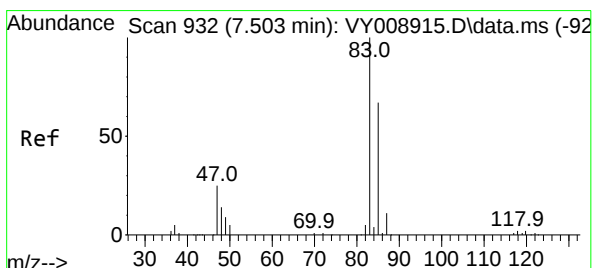
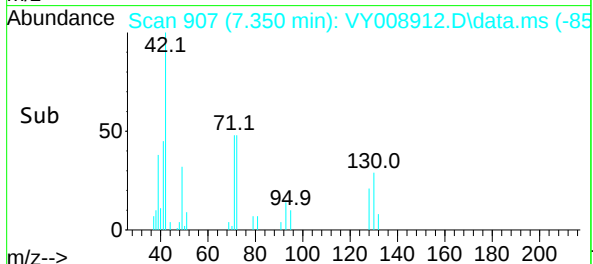
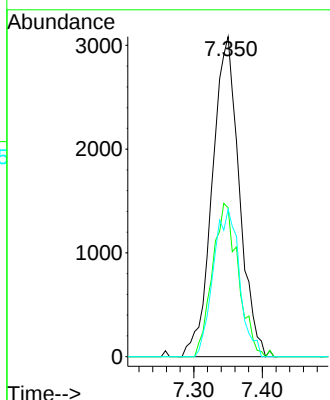
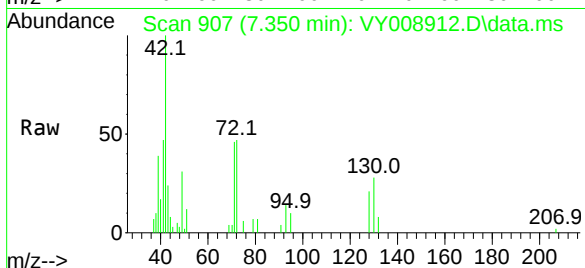
Tgt Ion: 42 Resp: 8431

Ion Ratio Lower Upper

42 100

72 45.9 30.3 45.5#

71 44.5 29.0 43.4#



#30

Chloroform

Concen: 5.746 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY008912.D

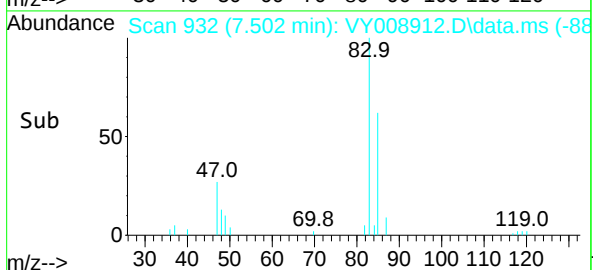
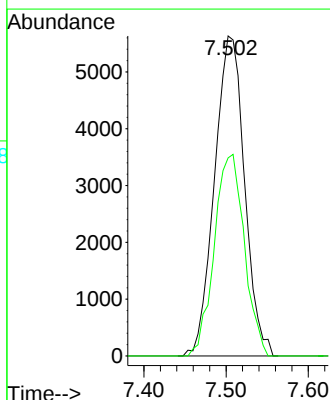
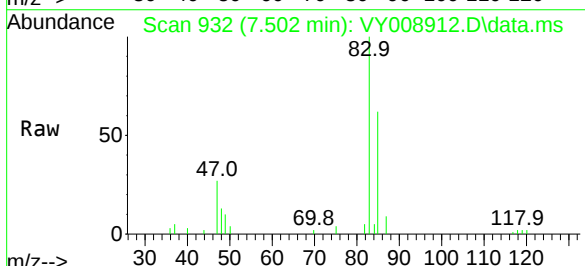
Acq: 20 May 2022 18:39

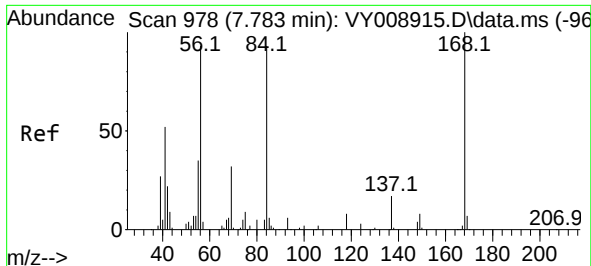
Tgt Ion: 83 Resp: 14309

Ion Ratio Lower Upper

83 100

85 61.9 51.8 77.6

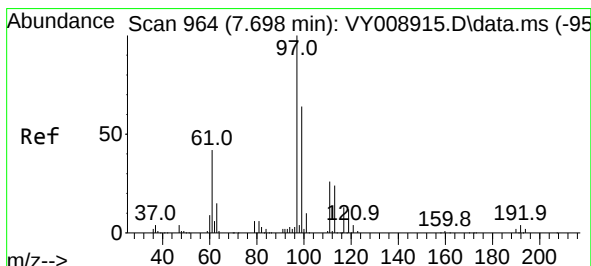
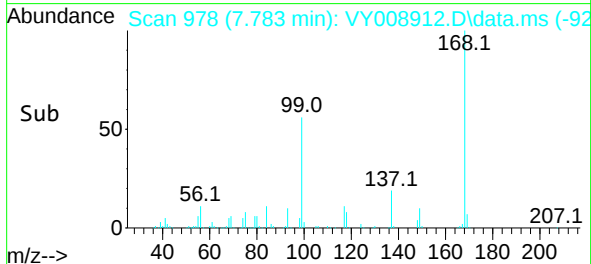
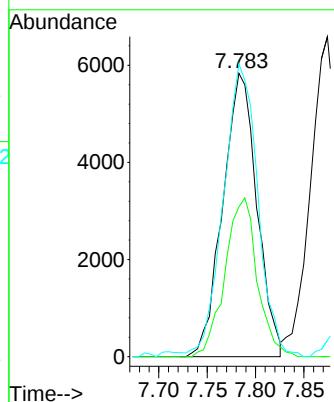
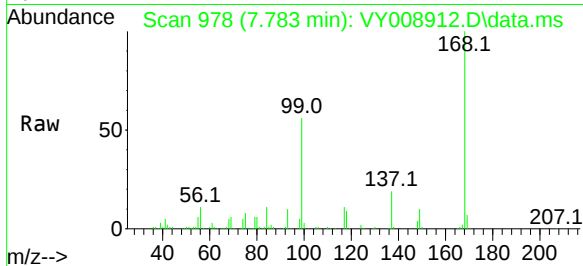




#31
Cyclohexane
Concen: 6.491 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

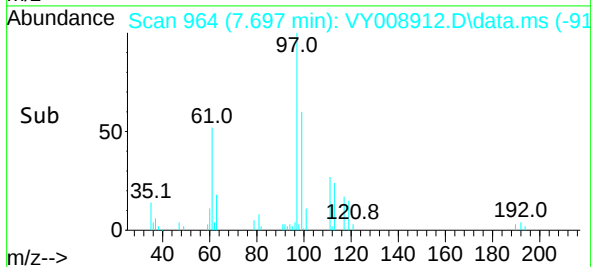
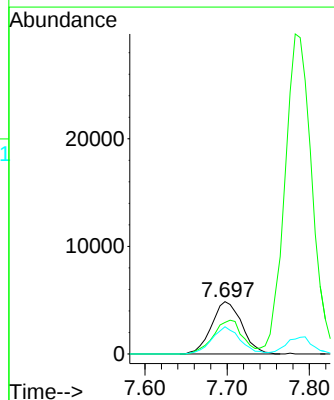
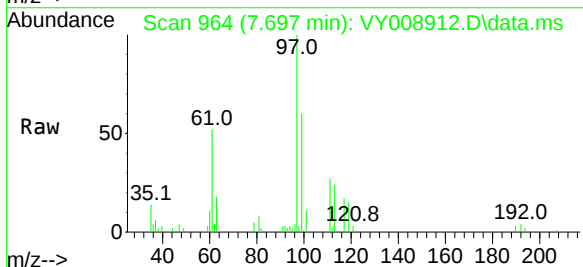
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

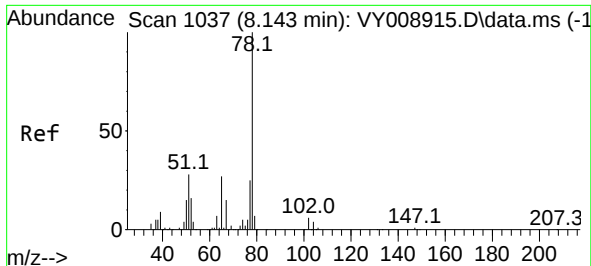
Tgt Ion: 56 Resp: 14293
Ion Ratio Lower Upper
56 100
69 52.8 26.7 40.1#
84 101.9 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 5.372 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 97 Resp: 12402
Ion Ratio Lower Upper
97 100
99 62.1 50.7 76.1
61 48.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 6.665 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

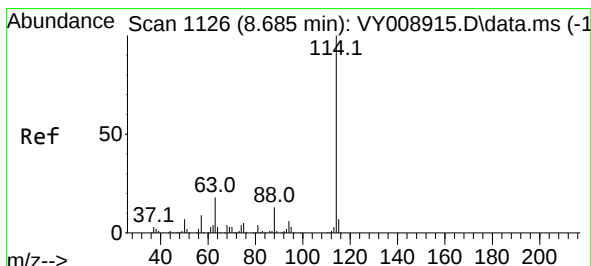
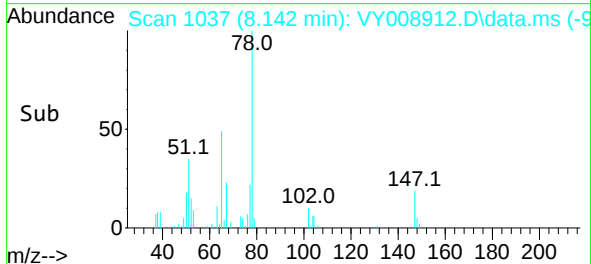
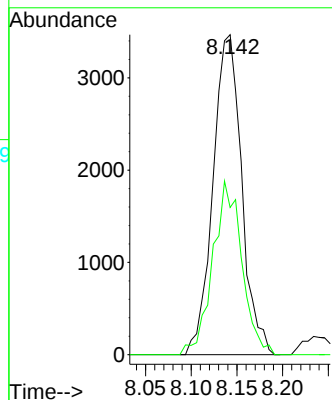
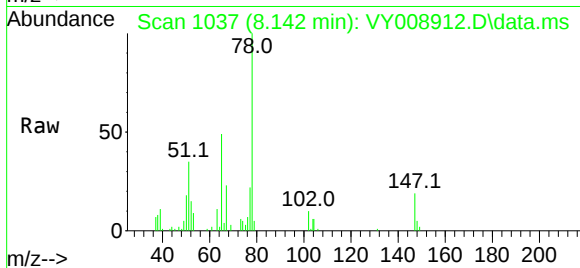
VSTDIC005

Tgt Ion: 65 Resp: 7575

Ion Ratio Lower Upper

65 100

67 54.9 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: VY008912.D

Acq: 20 May 2022 18:39

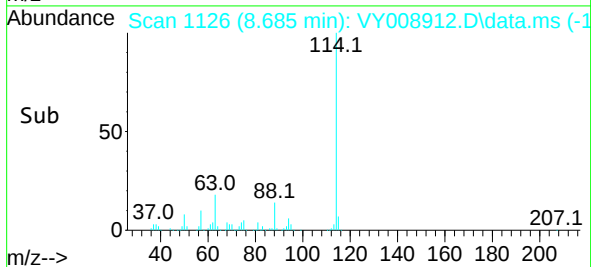
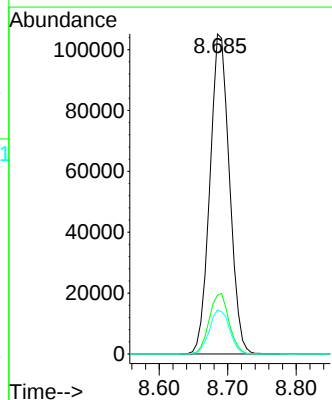
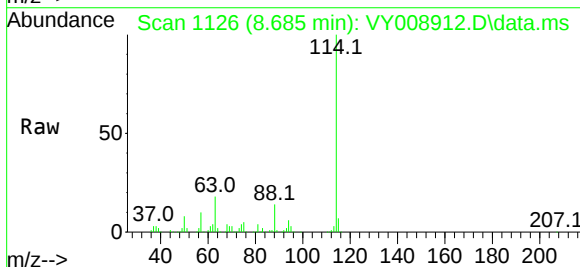
Tgt Ion: 114 Resp: 208319

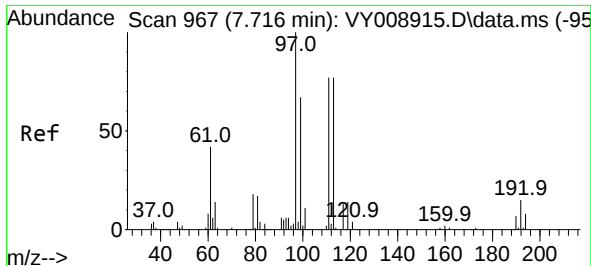
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 13.8 0.0 31.8

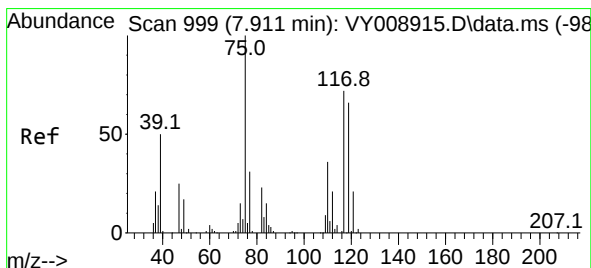
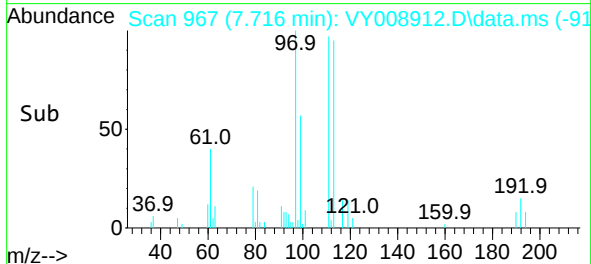
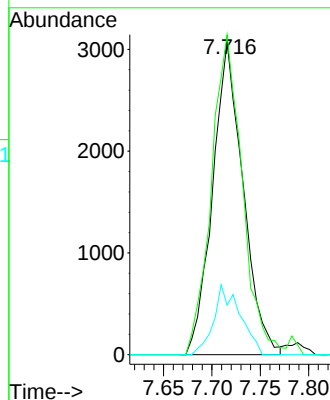
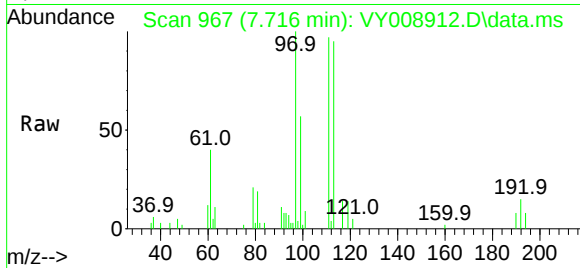




#35
Dibromofluoromethane
Concen: 5.665 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

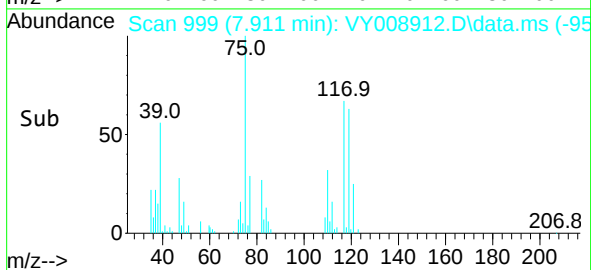
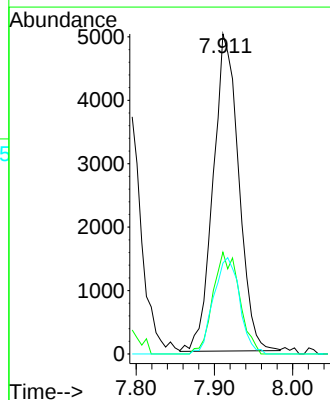
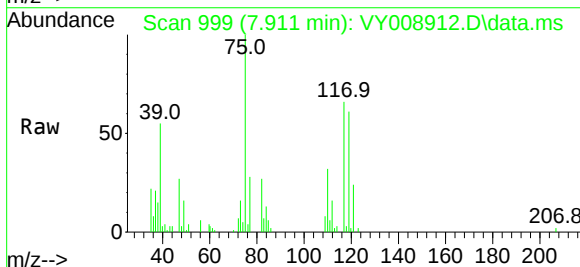
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

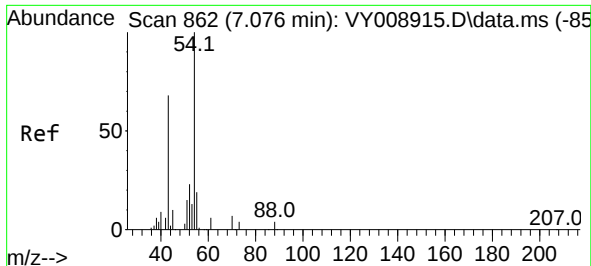
Tgt Ion:113 Resp: 6728
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 19.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.620 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 75 Resp: 11384
Ion Ratio Lower Upper
75 100
110 33.0 17.1 51.2
77 30.8 24.4 36.6

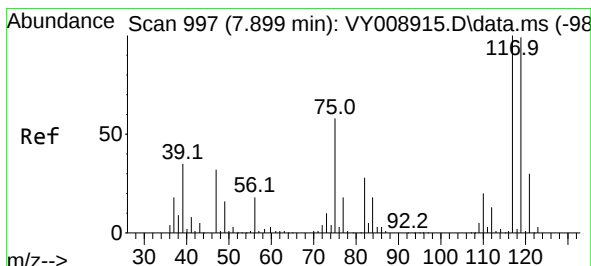
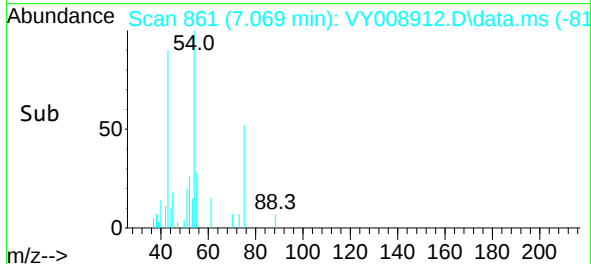
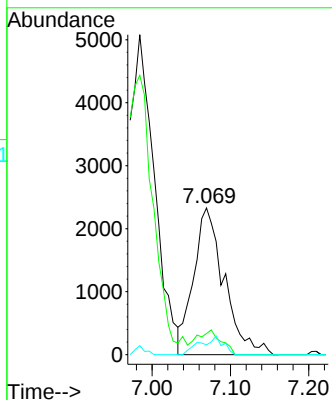
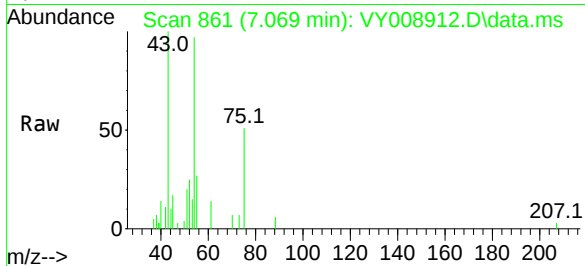




#37
Ethyl Acetate
Concen: 5.377 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

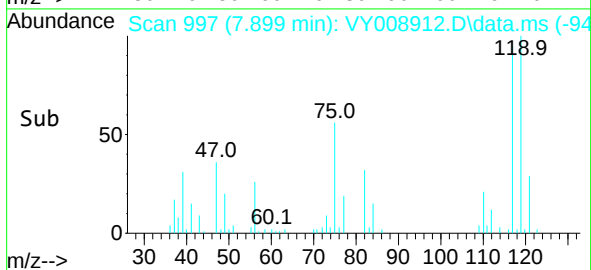
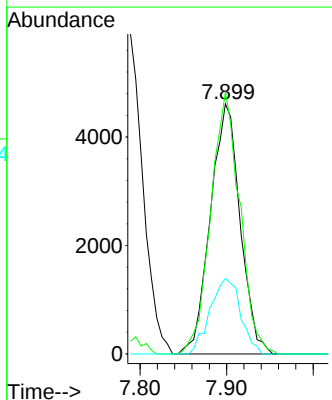
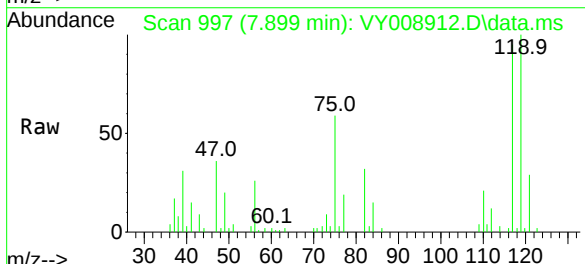
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

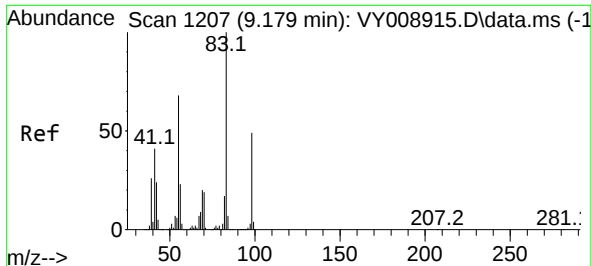
Tgt Ion: 43 Resp: 6330
Ion Ratio Lower Upper
43 100
61 13.4 9.7 14.5
70 9.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 5.087 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 117 Resp: 10995
Ion Ratio Lower Upper
117 100
119 104.8 77.9 116.9
121 30.2 24.8 37.2





#39

Methylcyclohexane

Concen: 5.264 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

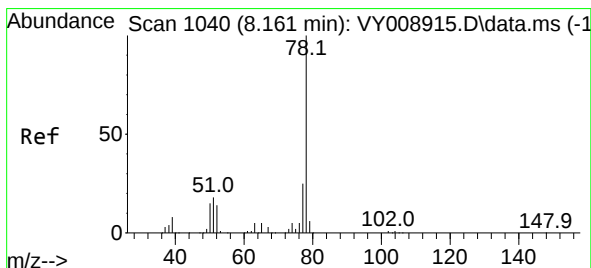
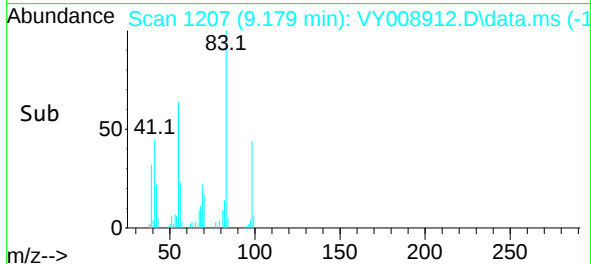
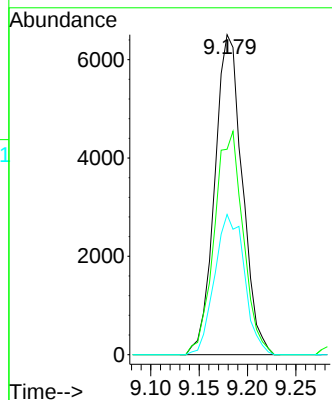
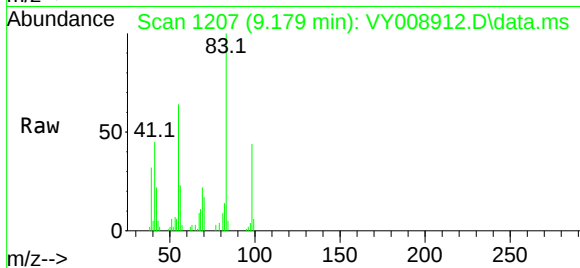
Tgt Ion: 83 Resp: 12906

Ion Ratio Lower Upper

83 100

55 64.2 66.5 99.7#

98 43.8 37.9 56.9



#40

Benzene

Concen: 5.420 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008912.D

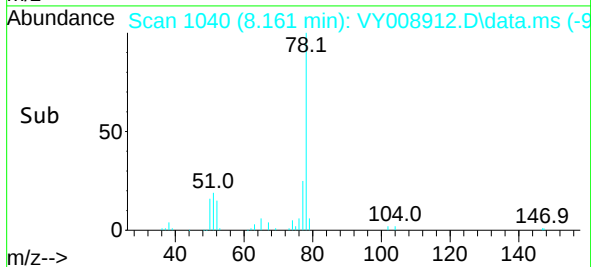
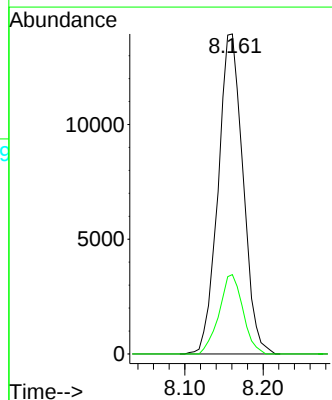
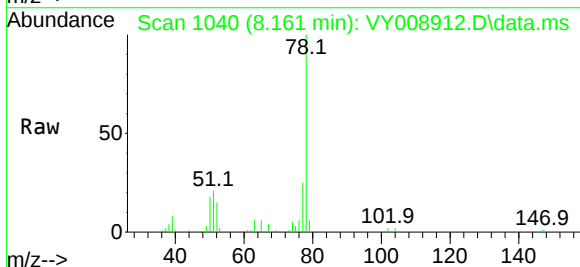
Acq: 20 May 2022 18:39

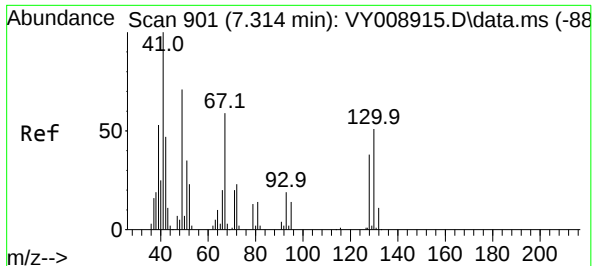
Tgt Ion: 78 Resp: 30817

Ion Ratio Lower Upper

78 100

77 24.8 20.4 30.6

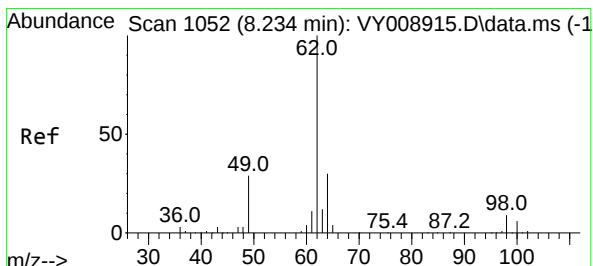
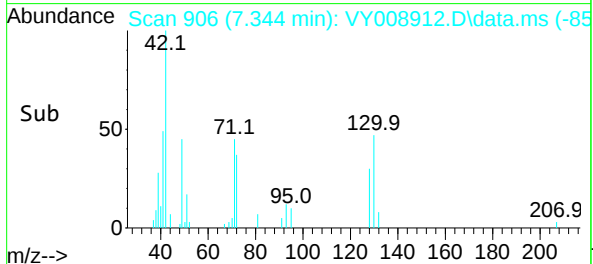
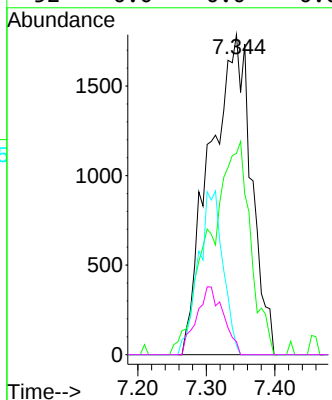
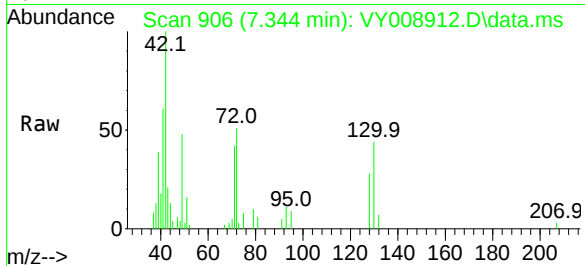




#41
Methacrylonitrile
Concen: 12.113 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

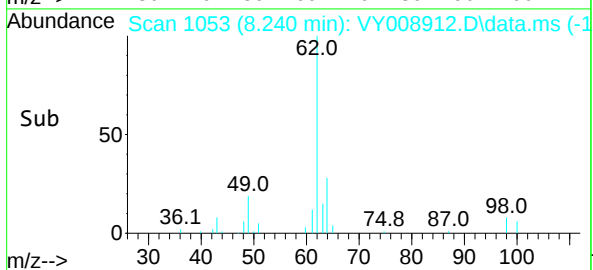
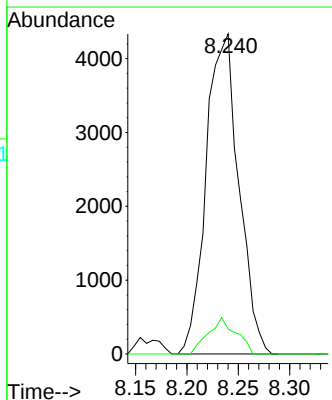
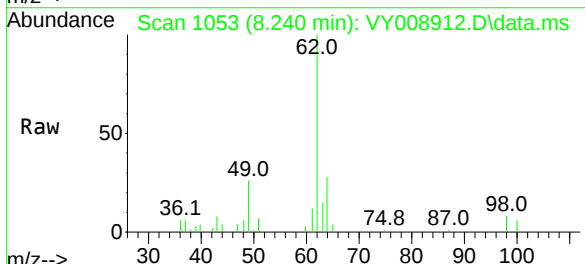
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

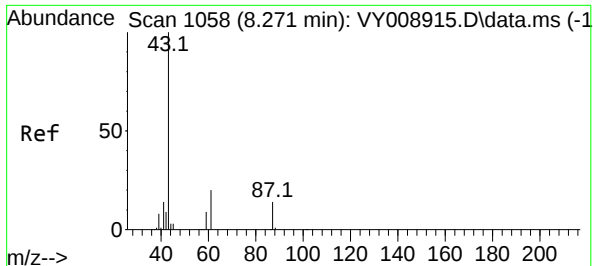
Tgt Ion: 41 Resp: 7511
Ion Ratio Lower Upper
41 100
39 65.4 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 5.744 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 62 Resp: 9590
Ion Ratio Lower Upper
62 100
98 9.6 0.0 14.8

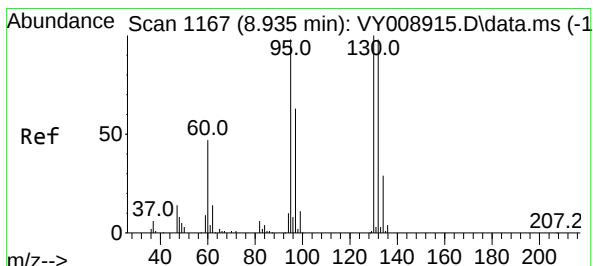
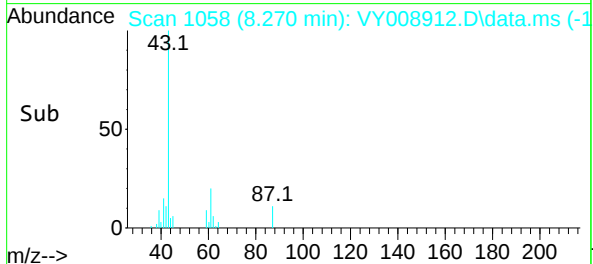
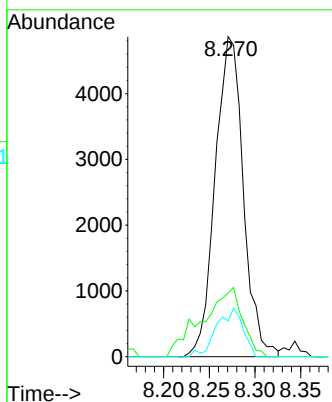
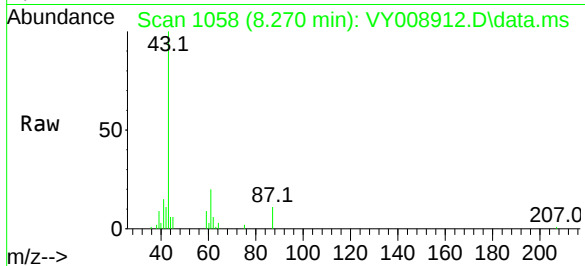




#43
Isopropyl Acetate
Concen: 5.224 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

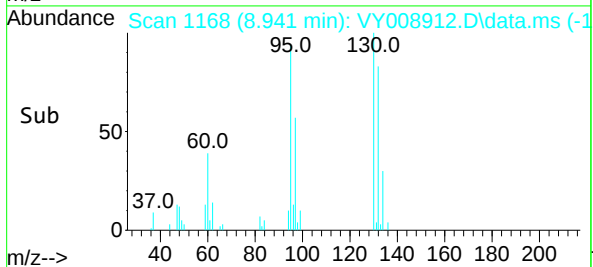
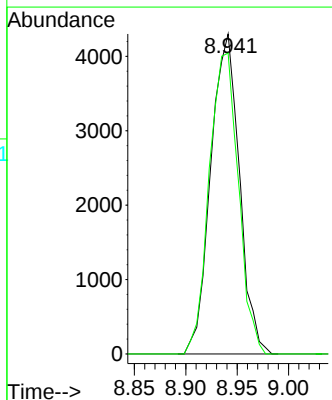
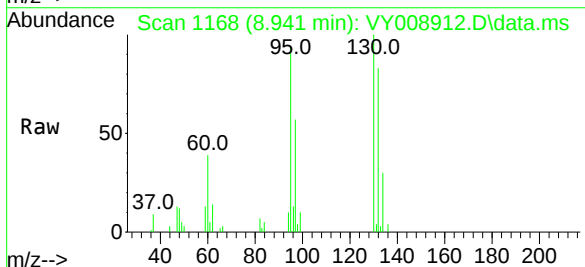
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

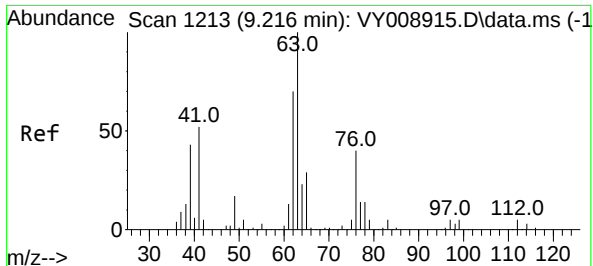
Tgt Ion: 43 Resp: 10417
Ion Ratio Lower Upper
43 100
61 31.0 20.2 30.2#
87 14.2 8.9 13.3#



#44
Trichloroethene
Concen: 5.417 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion:130 Resp: 8331
Ion Ratio Lower Upper
130 100
95 94.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 5.543 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

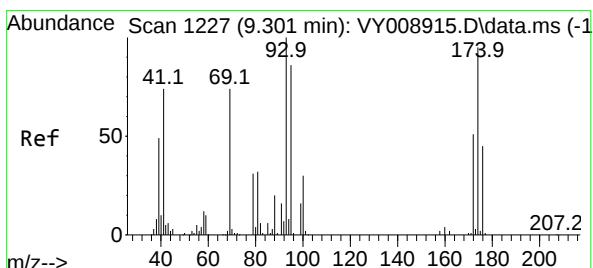
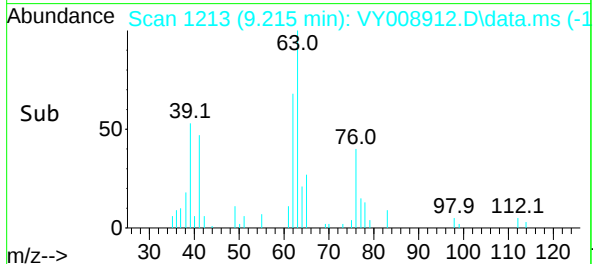
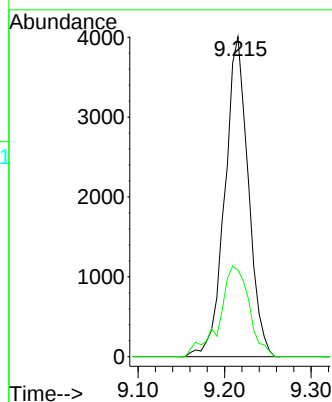
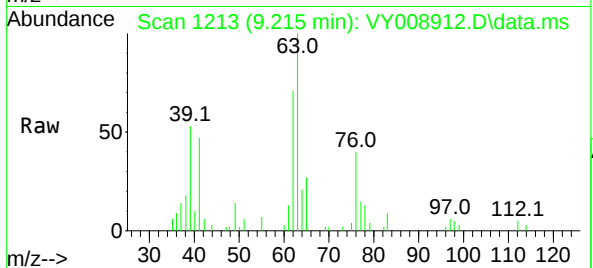
VSTDICC005

Tgt Ion: 63 Resp: 7516

Ion Ratio Lower Upper

63 100

65 27.1 23.0 34.6



#46

Dibromomethane

Concen: 5.385 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

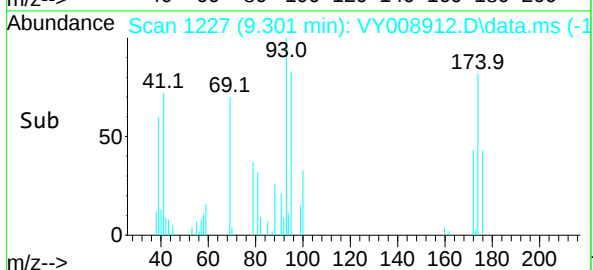
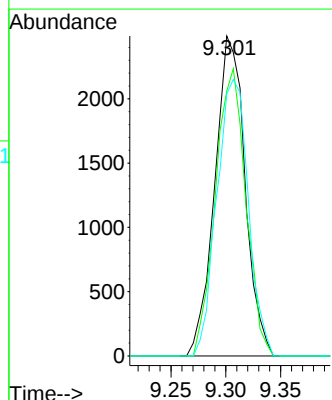
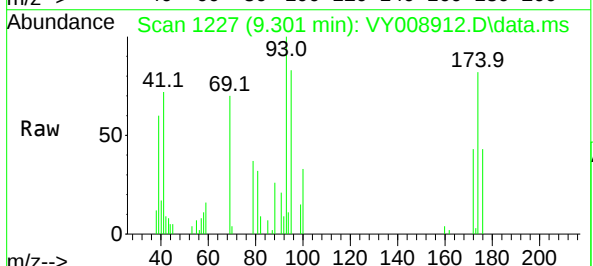
Tgt Ion: 93 Resp: 4780

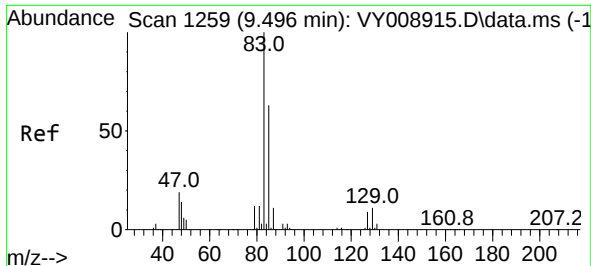
Ion Ratio Lower Upper

93 100

95 90.0 64.3 96.5

174 89.8 83.4 125.0

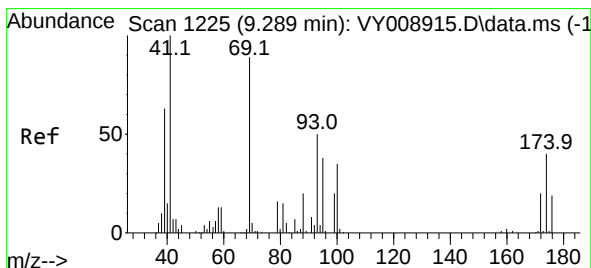
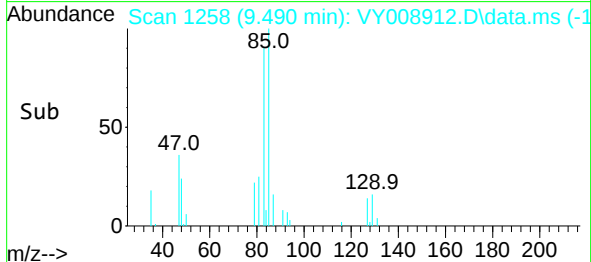
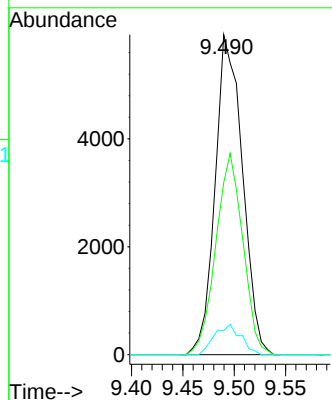
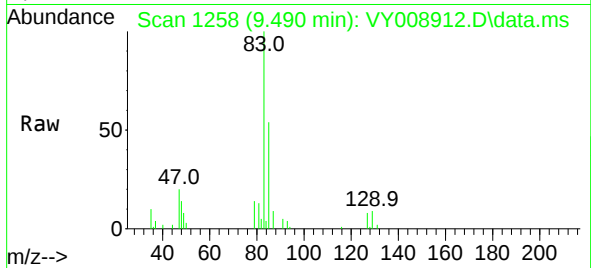




#47
Bromodichloromethane
Concen: 5.559 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

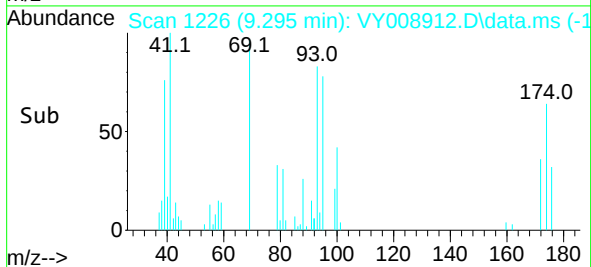
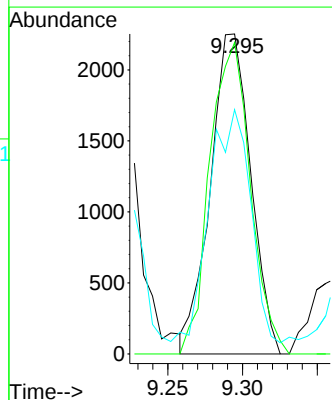
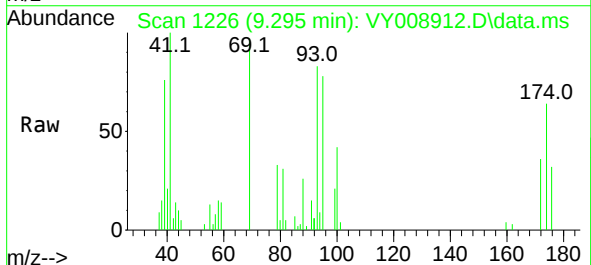
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

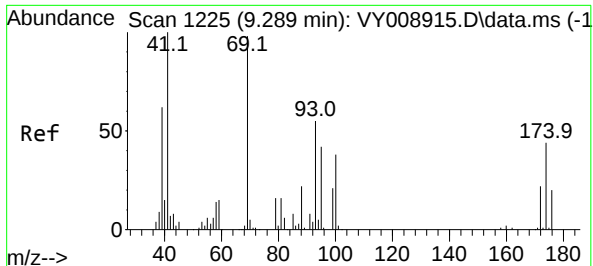
Tgt Ion: 83 Resp: 10951
Ion Ratio Lower Upper
83 100
85 53.7 51.9 77.9
127 7.5 6.6 10.0



#48
Methyl methacrylate
Concen: 4.792 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 41 Resp: 4230
Ion Ratio Lower Upper
41 100
69 97.7 58.2 87.2#
39 75.5 47.4 71.0#





#49

1,4-Dioxane

Concen: 100.785 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.012 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

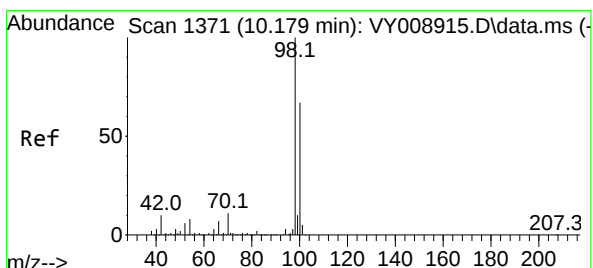
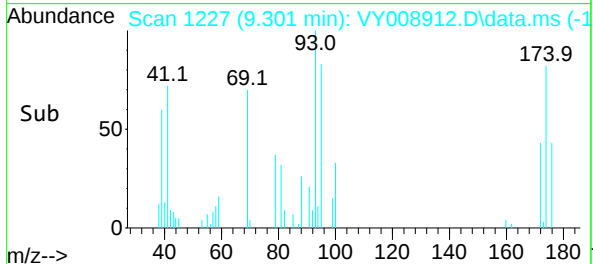
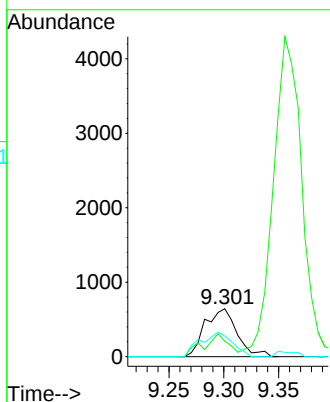
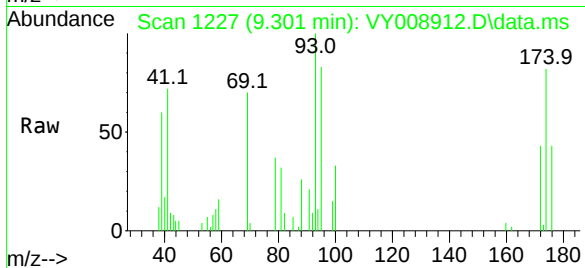
Tgt Ion: 88 Resp: 1302

Ion Ratio Lower Upper

88 100

43 37.2 32.8 49.2

58 51.3 59.8 89.6#



#50

Toluene-d8

Concen: 5.768 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008912.D

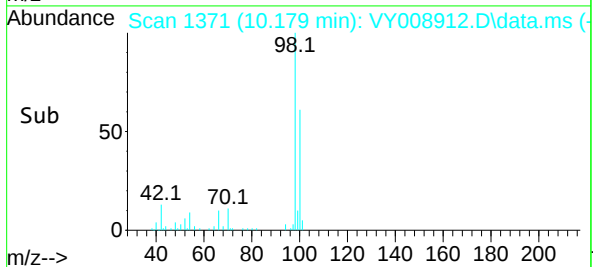
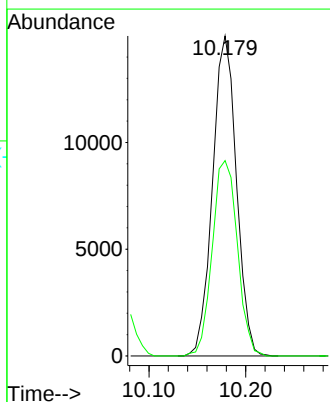
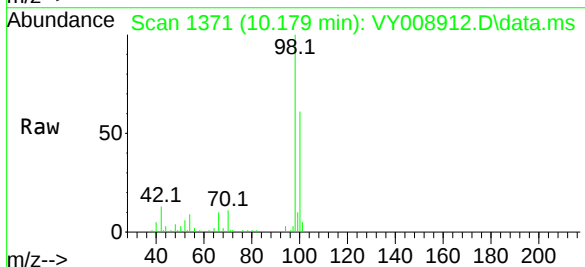
Acq: 20 May 2022 18:39

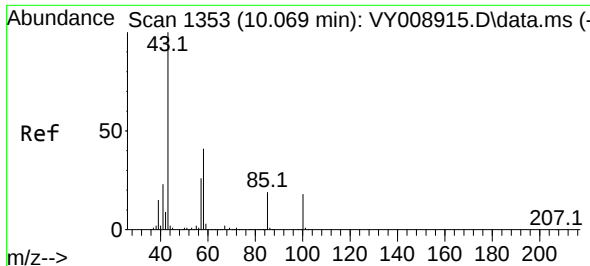
Tgt Ion: 98 Resp: 25669

Ion Ratio Lower Upper

98 100

100 64.3 50.2 75.2

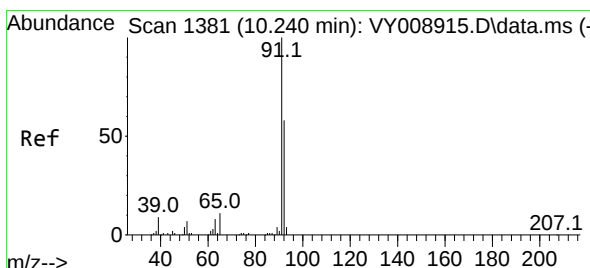
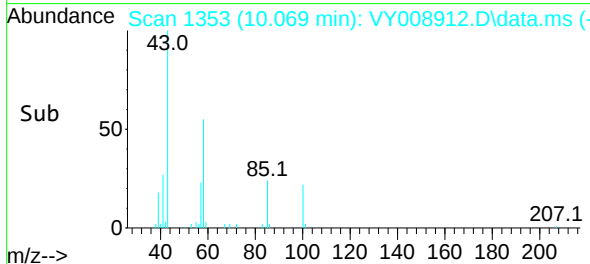
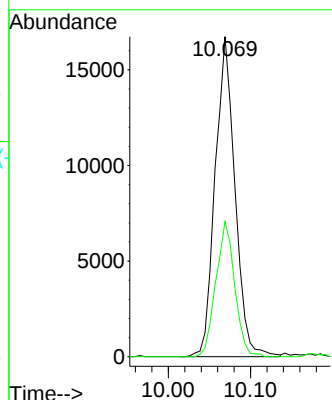
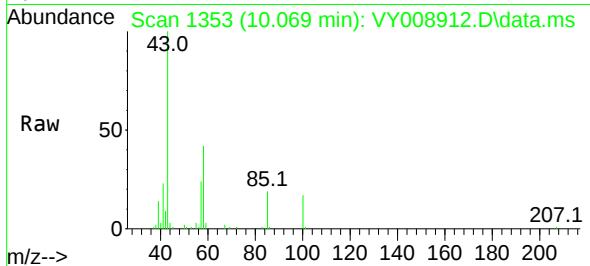




#51
4-Methyl-2-Pentanone
Concen: 24.064 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

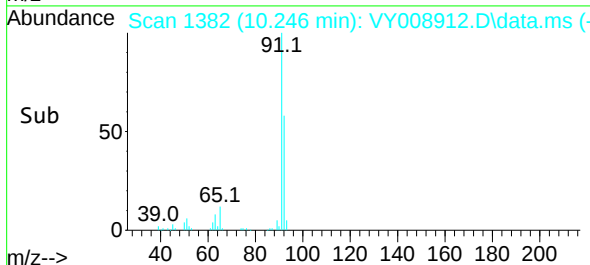
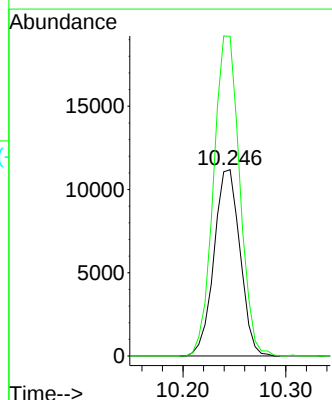
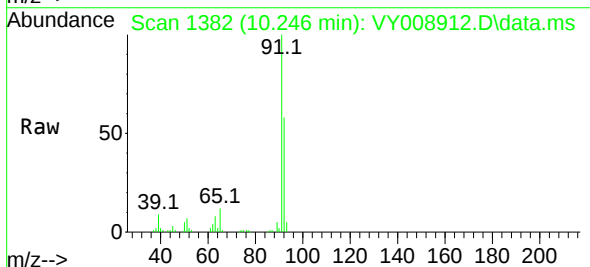
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

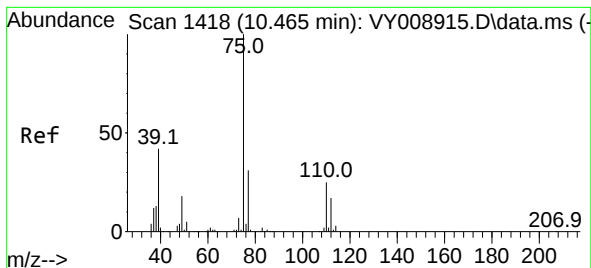
Tgt Ion: 43 Resp: 28039
Ion Ratio Lower Upper
43 100
58 40.2 28.1 42.1



#52
Toluene
Concen: 5.056 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 92 Resp: 19671
Ion Ratio Lower Upper
92 100
91 172.6 142.6 213.8

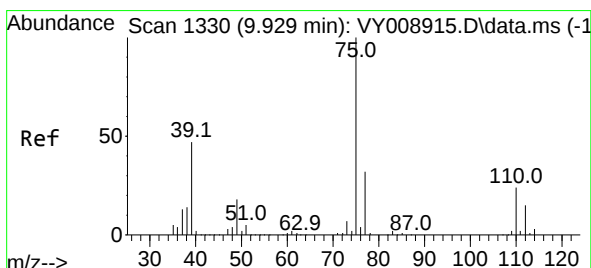
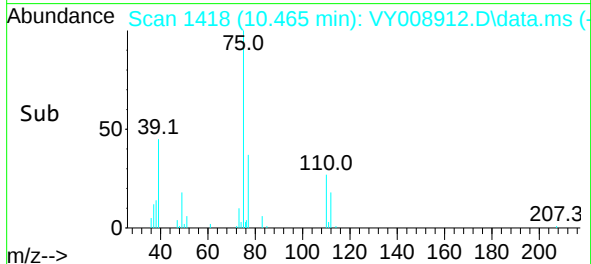
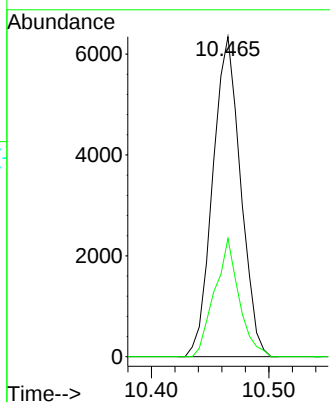
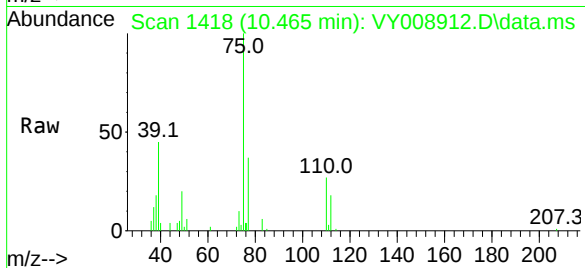




#53
t-1,3-Dichloropropene
Concen: 5.079 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

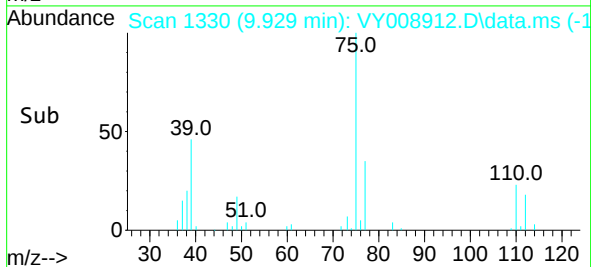
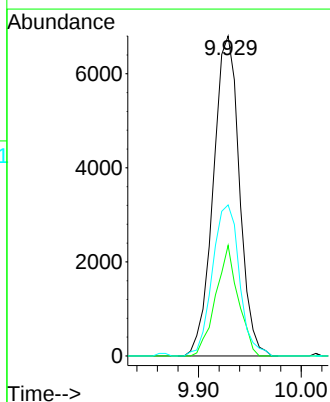
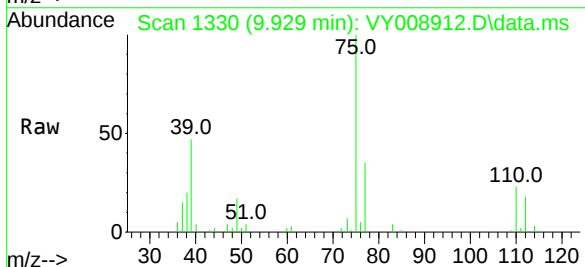
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

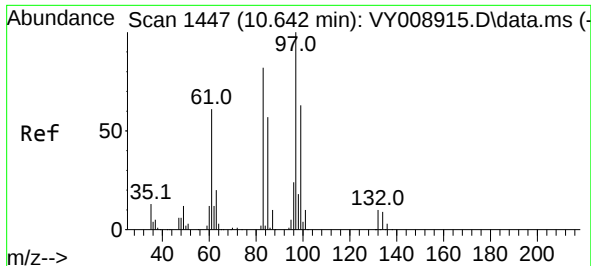
Tgt Ion: 75 Resp: 10455
Ion Ratio Lower Upper
75 100
77 37.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 5.413 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 75 Resp: 11997
Ion Ratio Lower Upper
75 100
77 34.6 25.6 38.4
39 47.2 47.6 71.4#

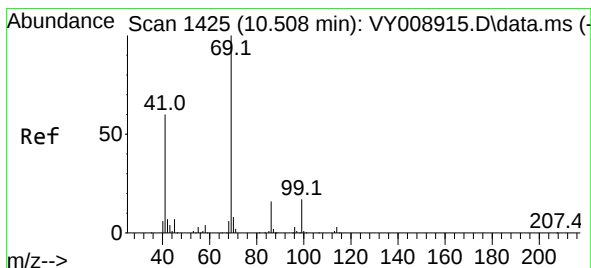
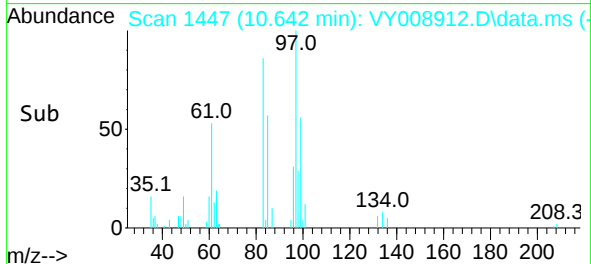
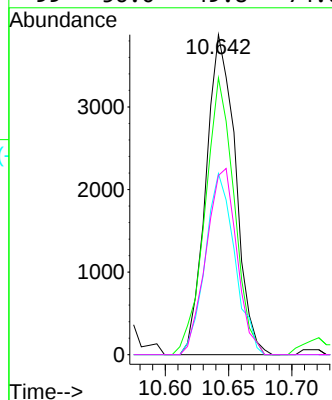
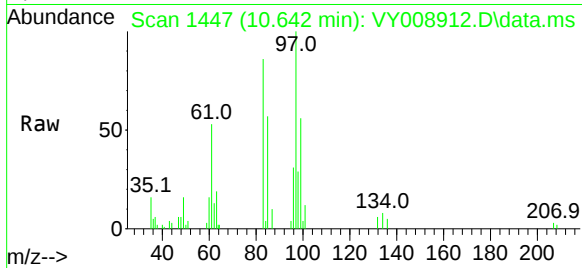




#55
1,1,2-Trichloroethane
Concen: 5.205 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

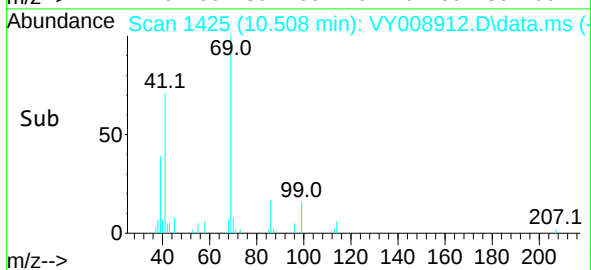
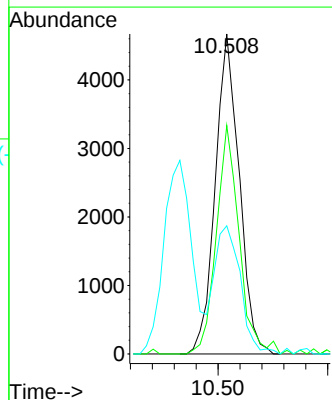
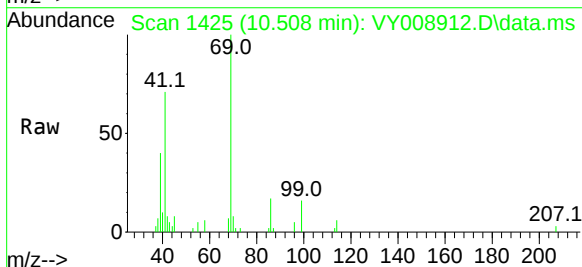
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

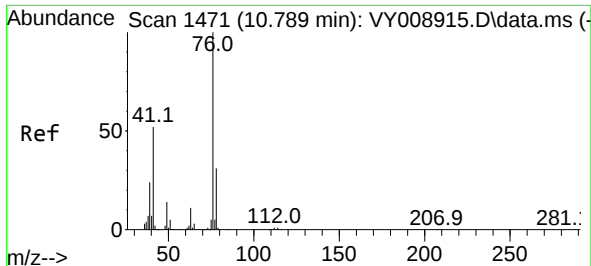
Tgt Ion: 97	Resp: 6282
Ion Ratio	Lower Upper
97 100	
83 86.5	69.8 104.8
85 56.6	44.3 66.5
99 56.0	49.8 74.6



#56
Ethyl methacrylate
Concen: 4.780 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 69	Resp: 7097		
Ion Ratio	Lower	Upper	
69 100			
41 68.2	63.4	95.0	
39 42.9	35.8	53.8	





#57

1,3-Dichloropropane

Concen: 5.375 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

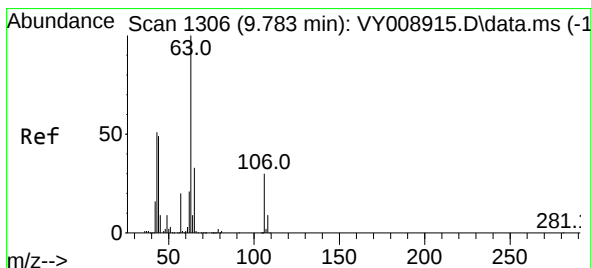
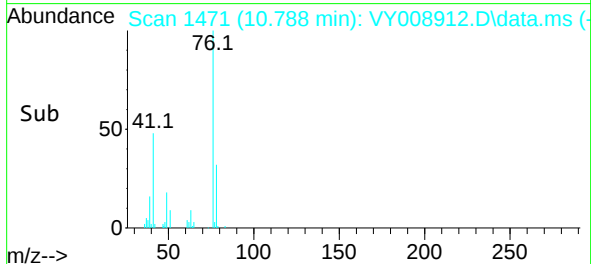
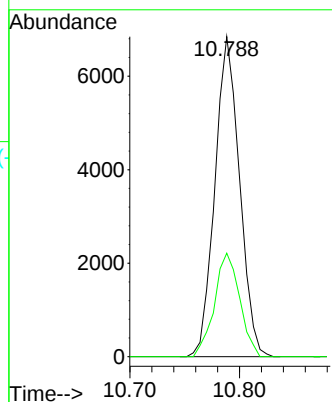
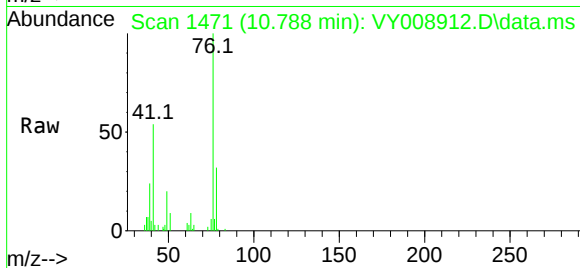
VSTDIC005

Tgt Ion: 76 Resp: 10686

Ion Ratio Lower Upper

76 100

78 33.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 23.416 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY008912.D

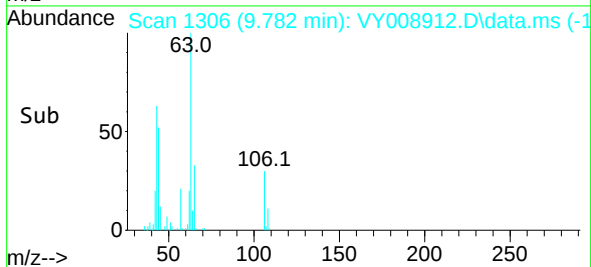
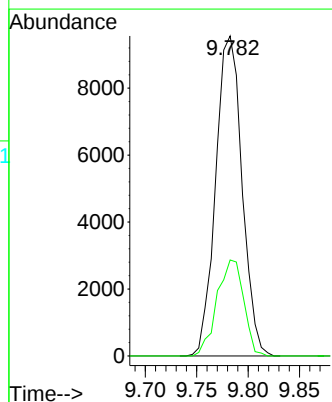
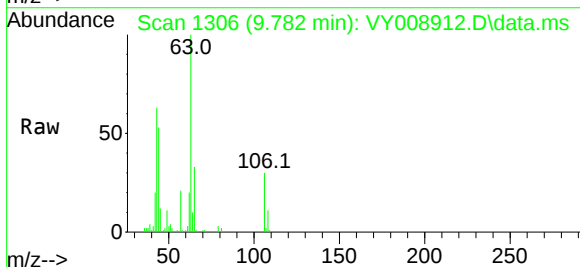
Acq: 20 May 2022 18:39

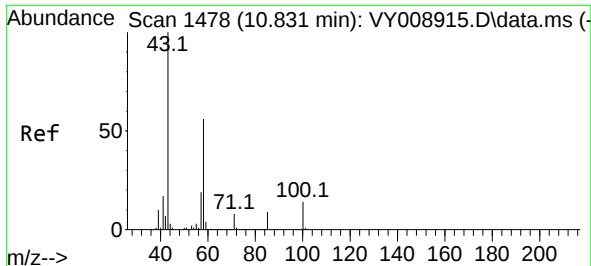
Tgt Ion: 63 Resp: 17052

Ion Ratio Lower Upper

63 100

106 30.4 21.5 32.3





#59

2-Hexanone

Concen: 21.625 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

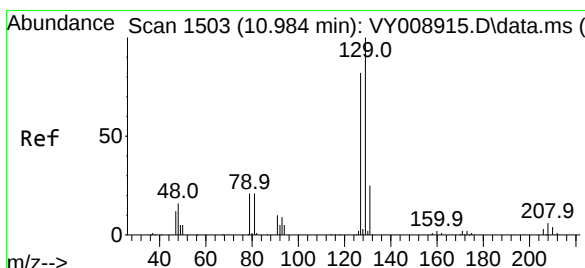
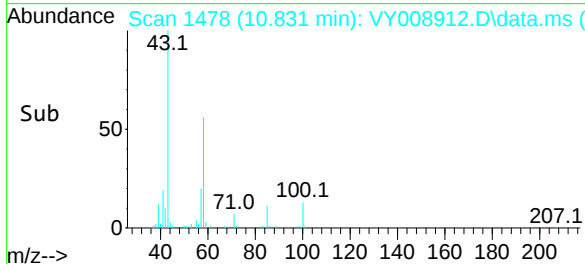
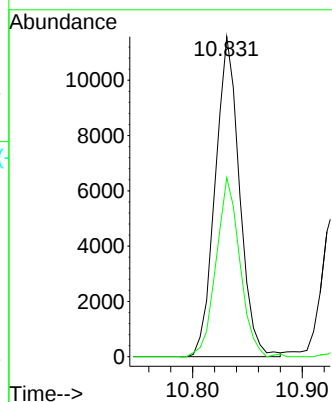
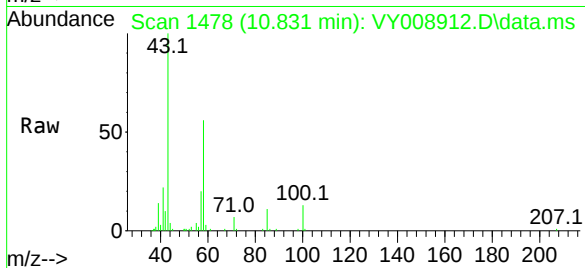
VSTDIC005

Tgt Ion: 43 Resp: 17837

Ion Ratio Lower Upper

43 100

58 54.3 24.4 73.4



#60

Dibromochloromethane

Concen: 5.040 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY008912.D

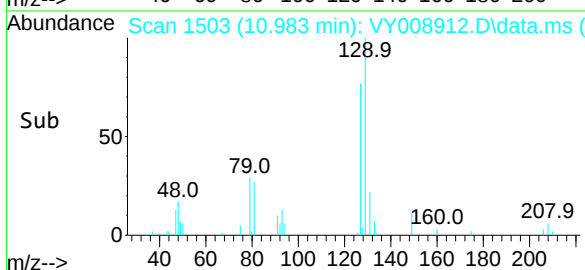
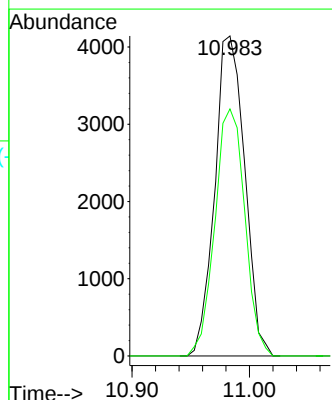
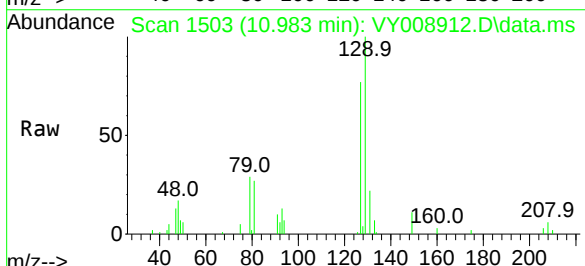
Acq: 20 May 2022 18:39

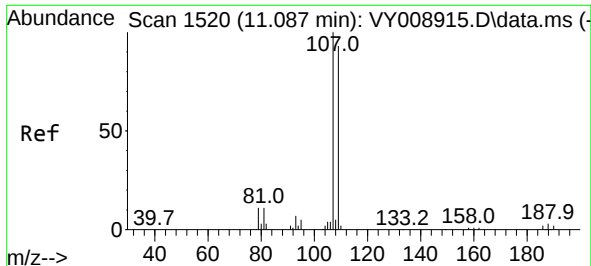
Tgt Ion: 129 Resp: 7350

Ion Ratio Lower Upper

129 100

127 77.0 38.7 116.1

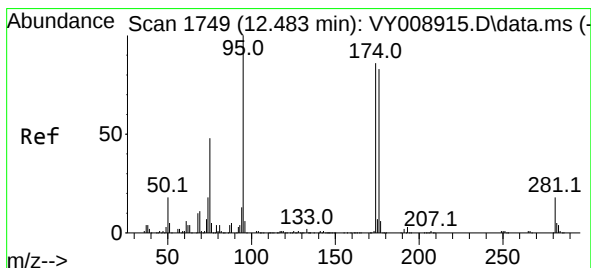
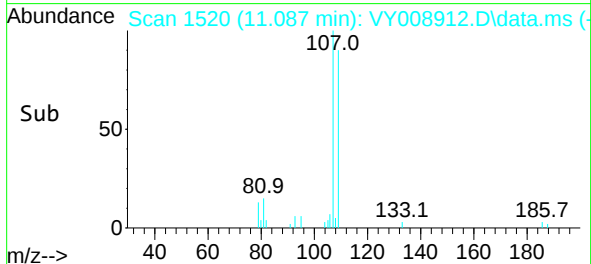
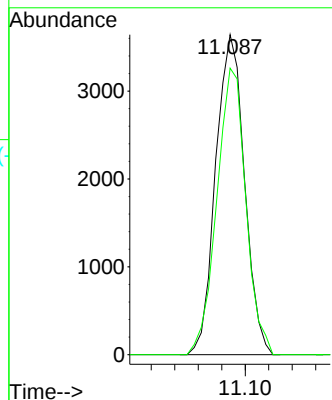
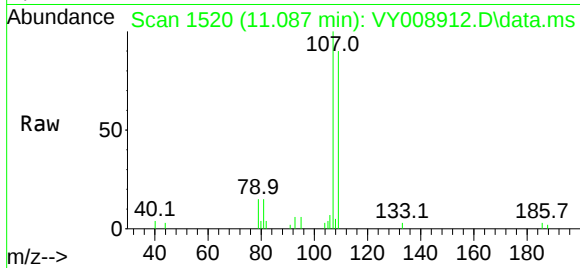




#61
1,2-Dibromoethane
Concen: 5.132 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

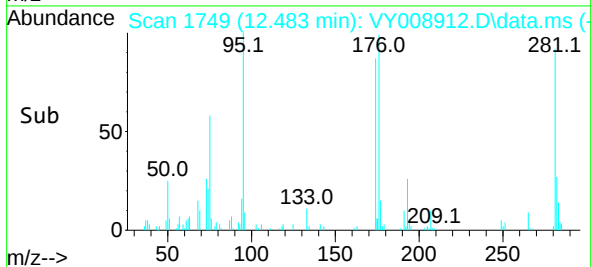
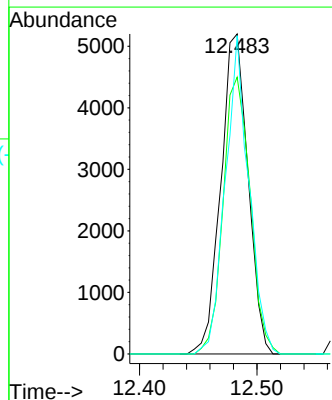
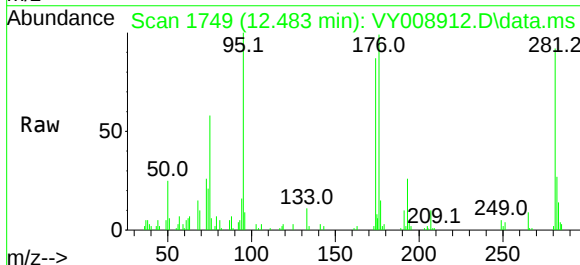
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

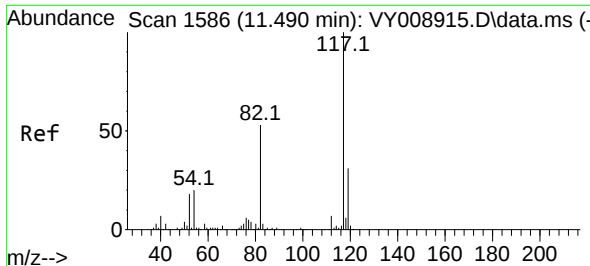
Tgt Ion:107 Resp: 6188
Ion Ratio Lower Upper
107 100
109 90.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 4.945 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 95 Resp: 8369
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 86.0 0.0 175.8

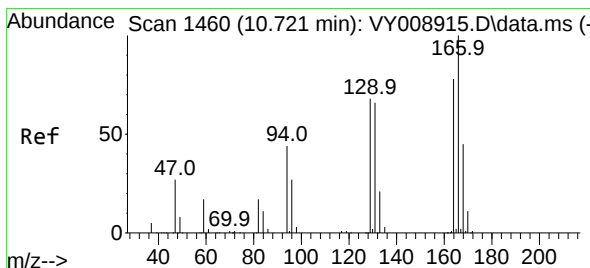
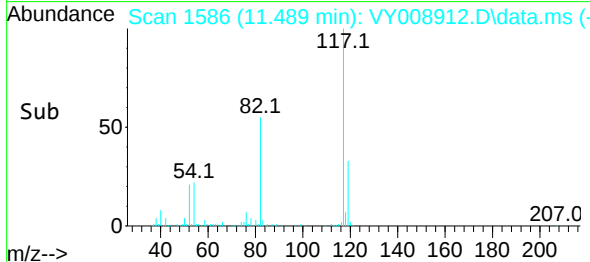
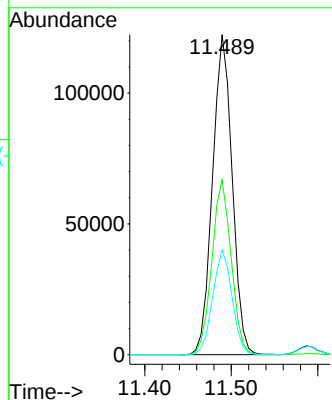
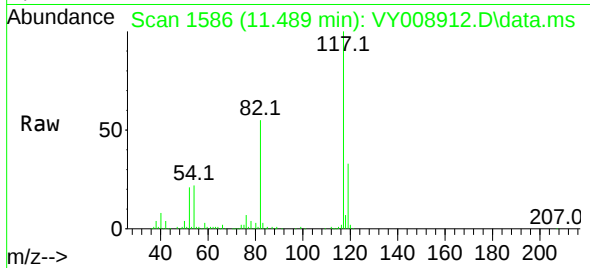




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

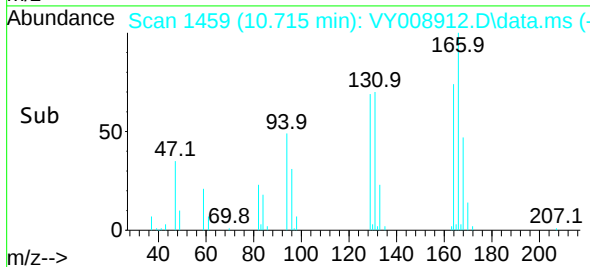
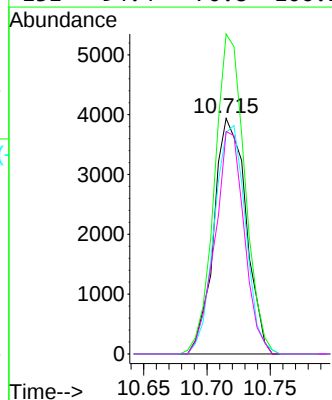
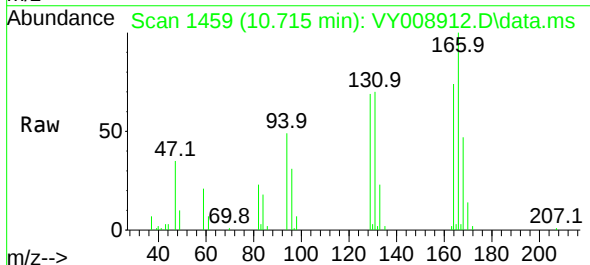
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

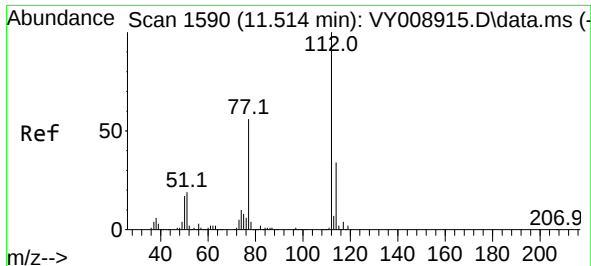
Tgt Ion:	117	Resp:	192654
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.0	64.4
119	32.7	25.4	38.0



#64
Tetrachloroethene
Concen: 5.418 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion:	164	Resp:	6945
Ion	Ratio	Lower	Upper
164	100		
166	135.9	100.4	150.6
129	94.1	71.4	107.0
131	94.4	70.8	106.2

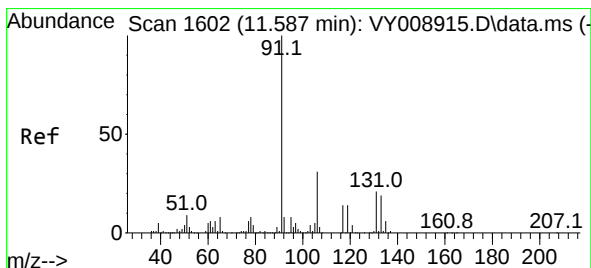
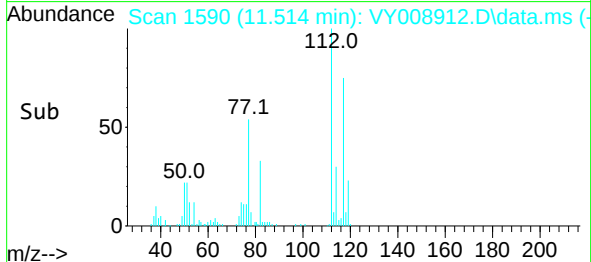
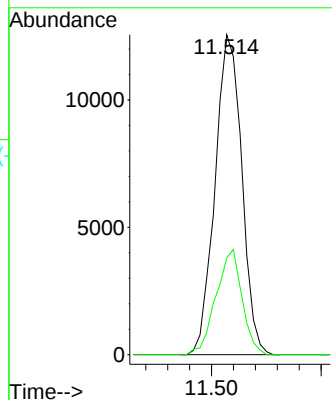
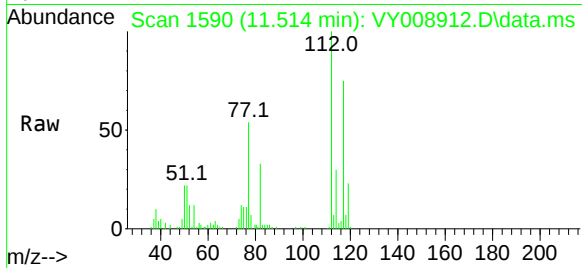




#65
Chlorobenzene
Concen: 5.269 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

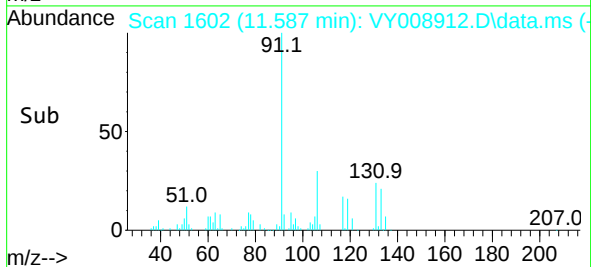
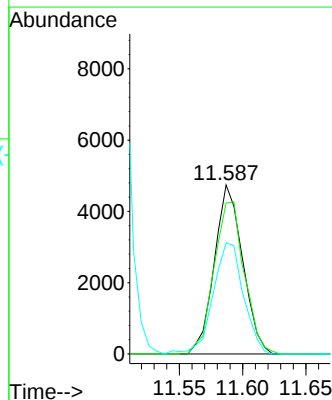
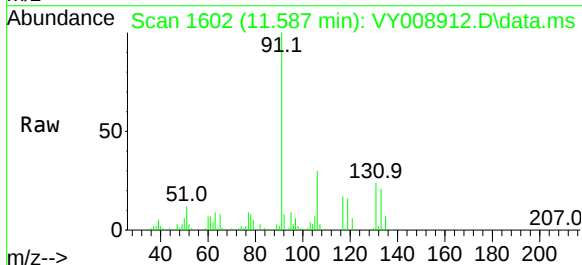
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

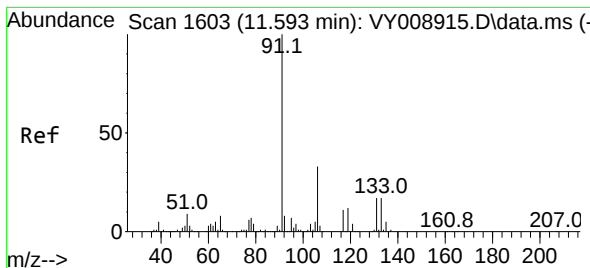
Tgt Ion:112 Resp: 21265
Ion Ratio Lower Upper
112 100
114 30.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.993 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion:131 Resp: 7395
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.6
119 70.3 30.8 92.3

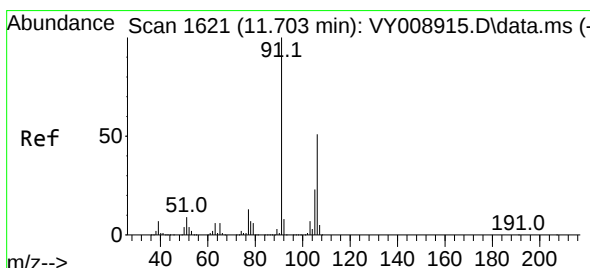
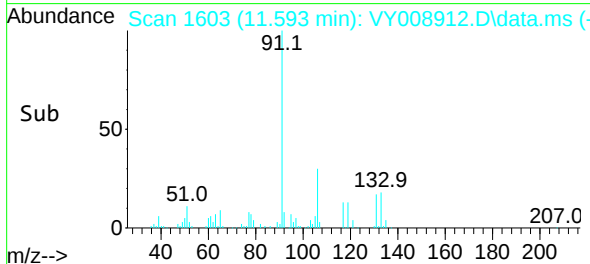
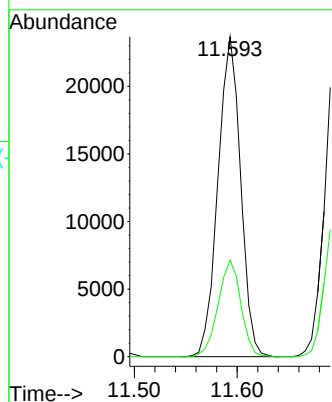
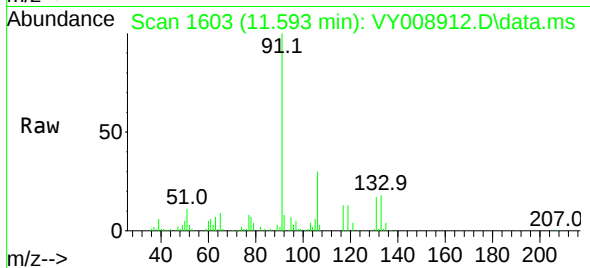




#67
Ethyl Benzene
Concen: 4.983 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

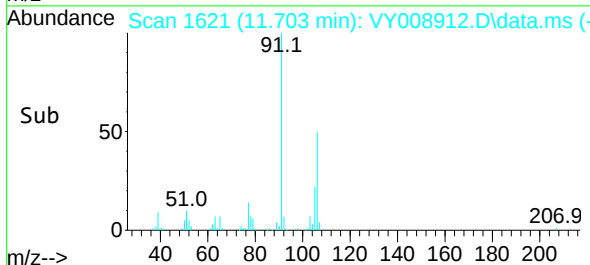
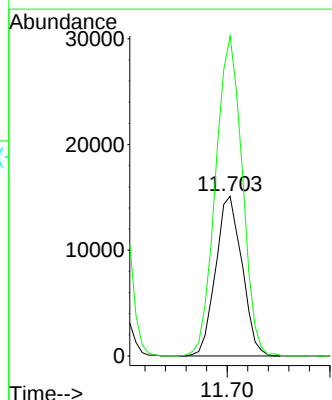
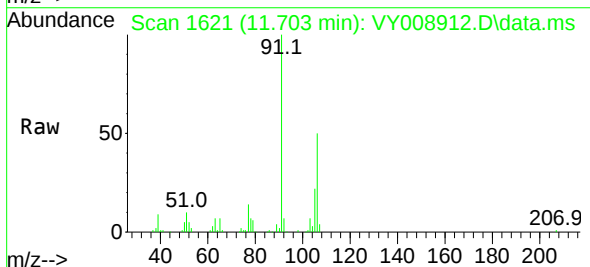
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

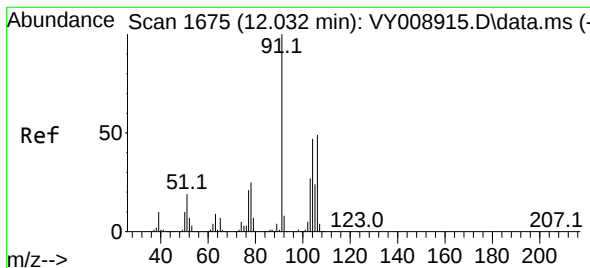
Tgt Ion: 91 Resp: 36143
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7



#68
m/p-Xylenes
Concen: 9.231 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 106 Resp: 26836
Ion Ratio Lower Upper
106 100
91 203.1 166.6 249.8

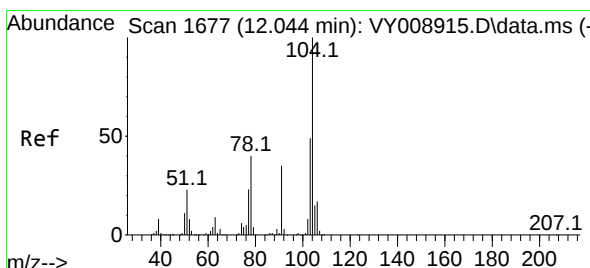
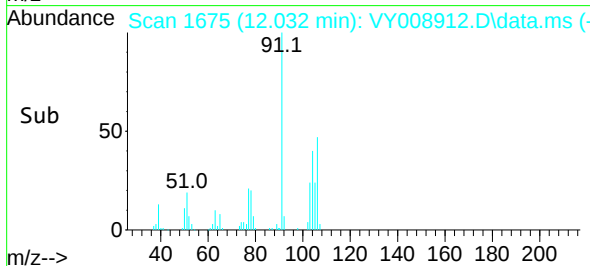
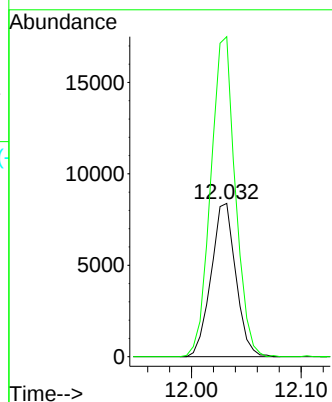
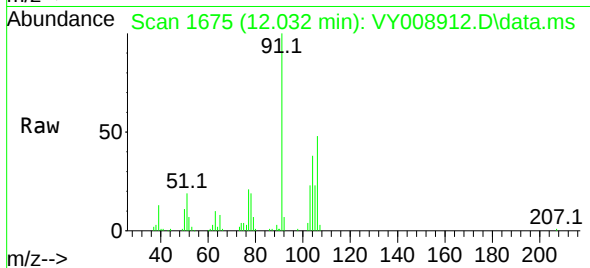




#69
o-Xylene
Concen: 4.889 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

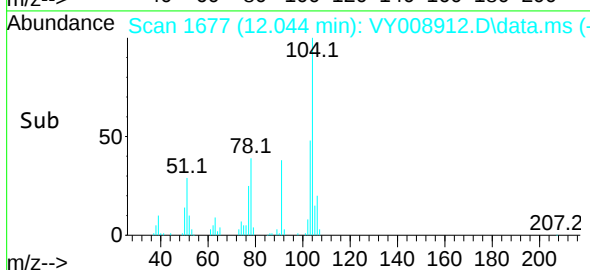
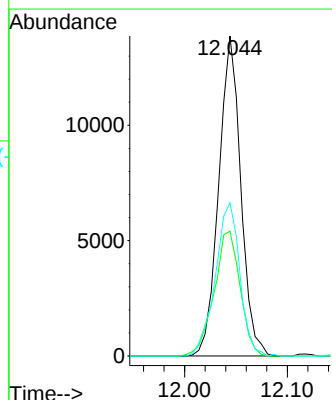
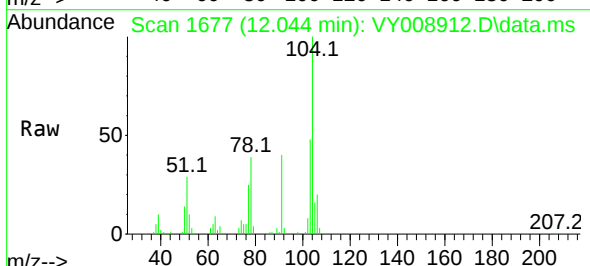
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

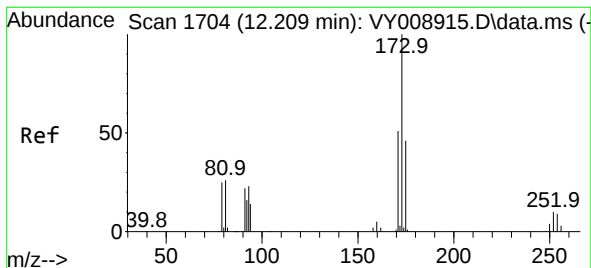
Tgt Ion:106 Resp: 13120
Ion Ratio Lower Upper
106 100
91 207.8 110.3 331.0



#70
Styrene
Concen: 4.512 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion:104 Resp: 20659
Ion Ratio Lower Upper
104 100
78 45.8 42.4 63.6
103 53.2 44.4 66.6





#71

Bromoform

Concen: 4.461 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

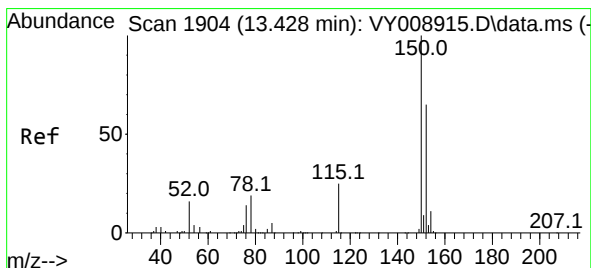
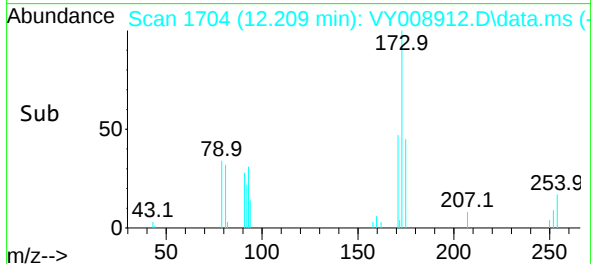
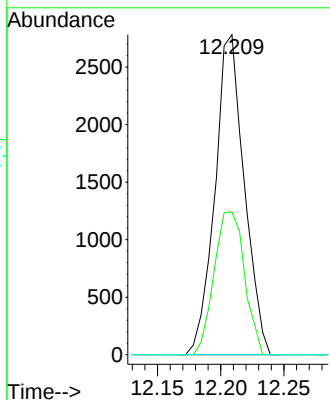
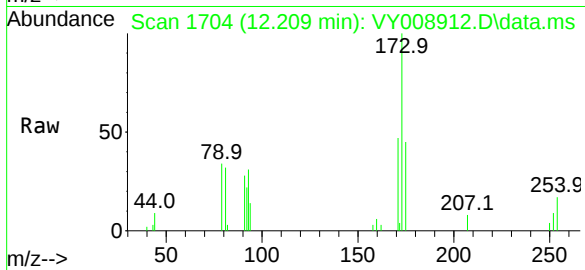
Tgt Ion:173 Resp: 4483

Ion Ratio Lower Upper

173 100

175 46.2 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. -0.000 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

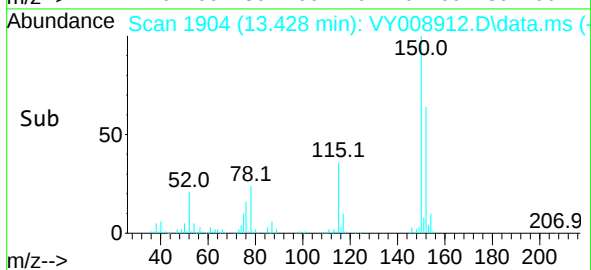
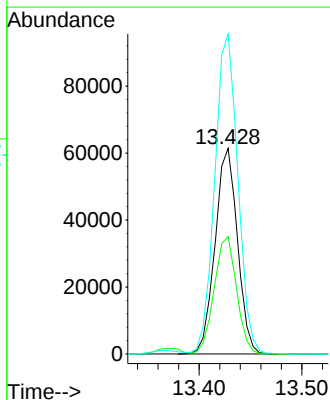
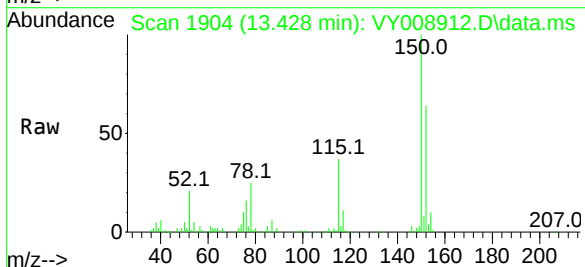
Tgt Ion:152 Resp: 92753

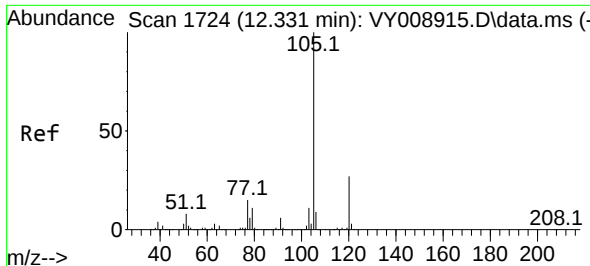
Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 160.7 0.0 347.6

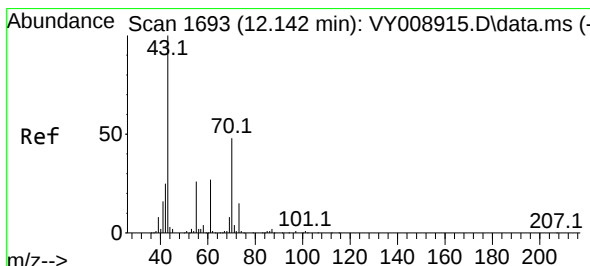
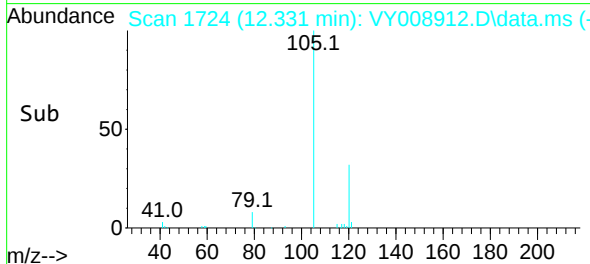
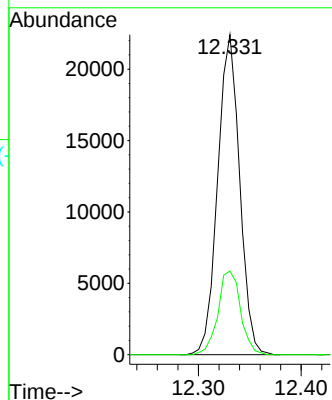
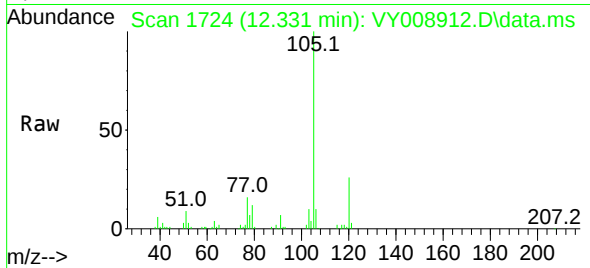




#73
Isopropylbenzene
Concen: 5.062 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

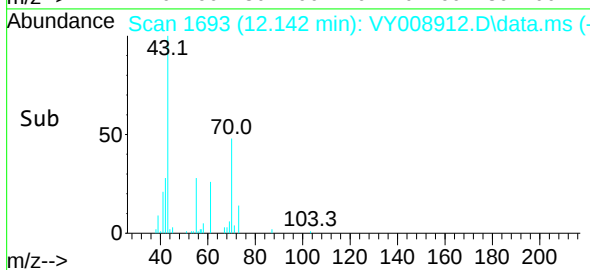
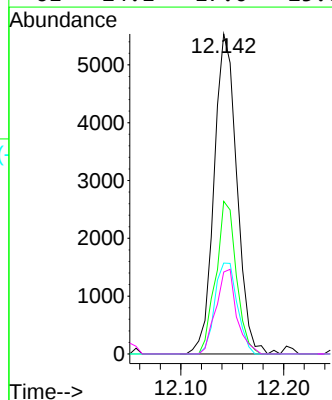
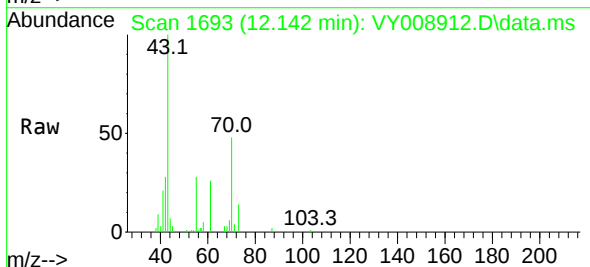
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

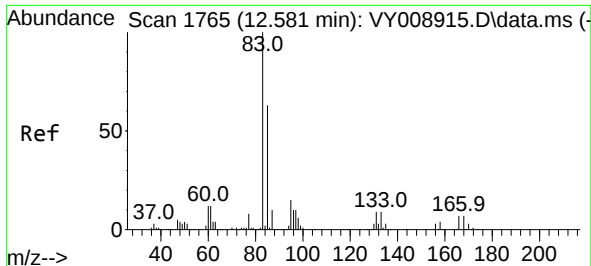
Tgt Ion:105 Resp: 33206
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 5.456 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 43 Resp: 8492
Ion Ratio Lower Upper
43 100
70 42.9 28.7 43.1
55 27.9 17.3 25.9#
61 24.1 17.0 25.6

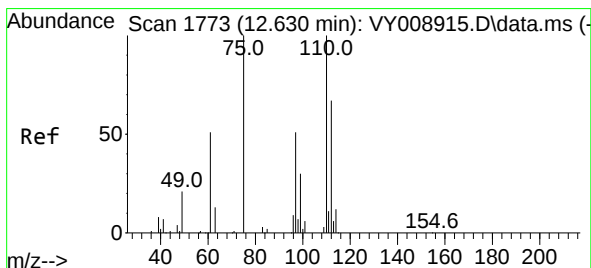
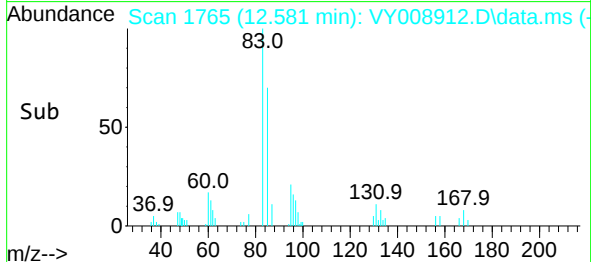
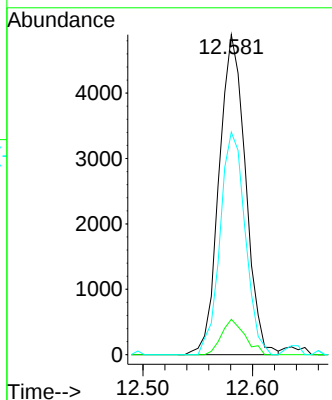
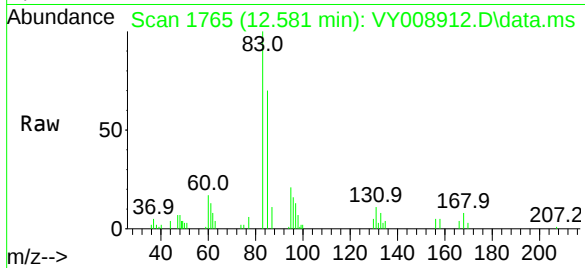




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.681 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY008912.D
 Acq: 20 May 2022 18:39

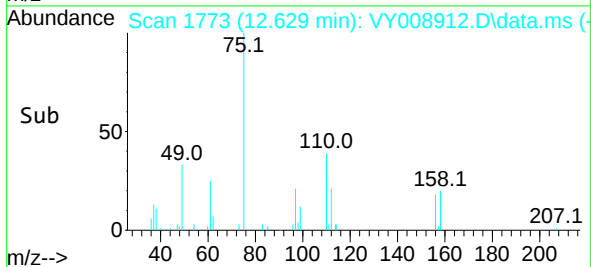
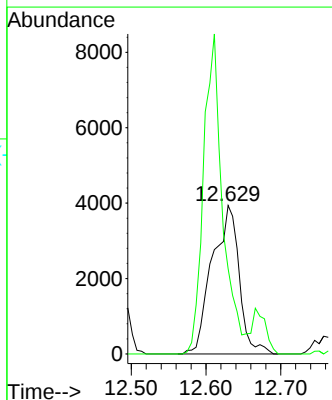
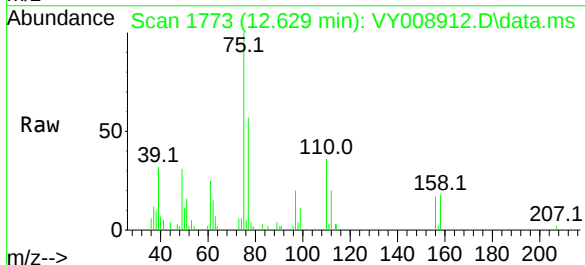
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

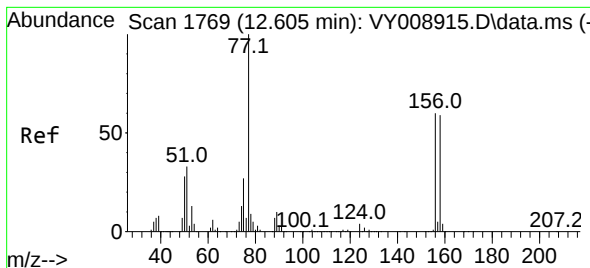
Tgt Ion: 83 Resp: 8174
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.6 16.8
 85 66.2 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 9.102 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY008912.D
 Acq: 20 May 2022 18:39

Tgt Ion: 75 Resp: 9887
 Ion Ratio Lower Upper
 75 100
 77 152.9 0.0 0.0#





#77

Bromobenzene

Concen: 5.459 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

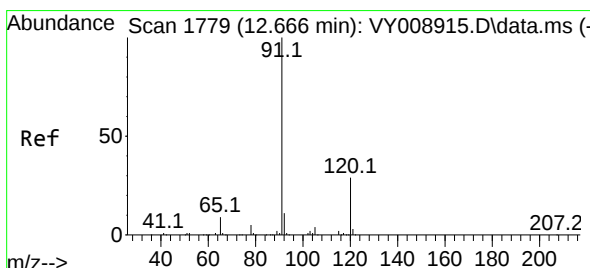
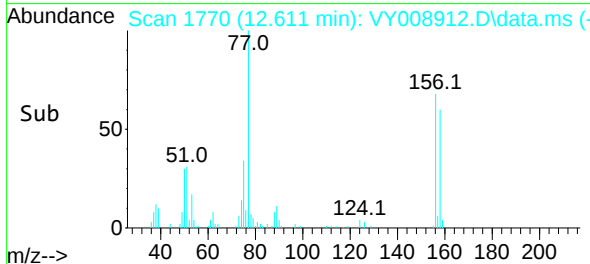
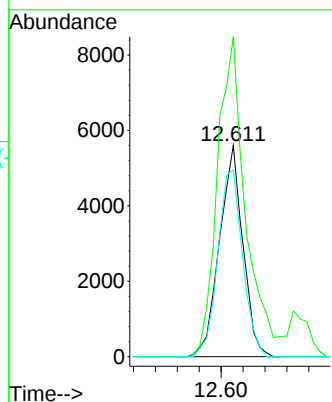
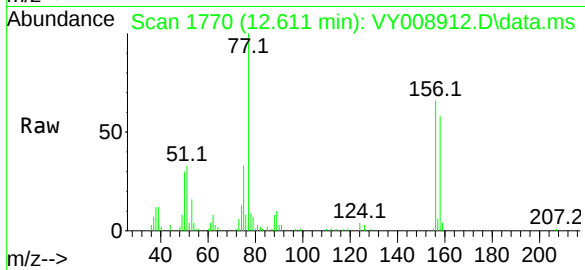
Tgt Ion:156 Resp: 8294

Ion Ratio Lower Upper

156 100

77 182.3 95.5 286.4

158 93.6 48.0 144.0



#78

n-propylbenzene

Concen: 5.572 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY008912.D

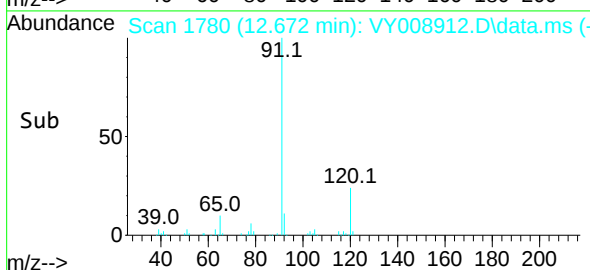
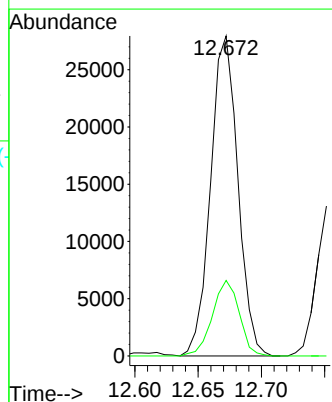
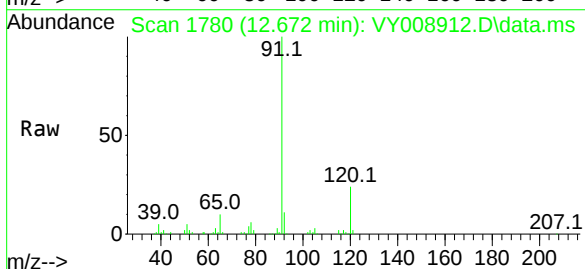
Acq: 20 May 2022 18:39

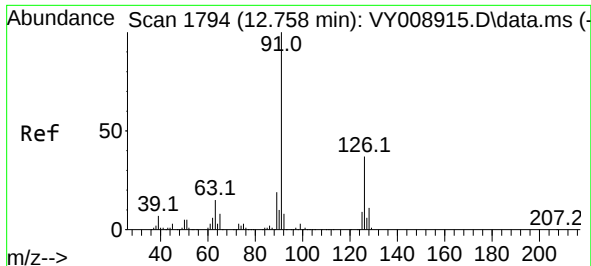
Tgt Ion: 91 Resp: 41899

Ion Ratio Lower Upper

91 100

120 23.2 11.3 33.9





#79

2-Chlorotoluene

Concen: 5.161 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

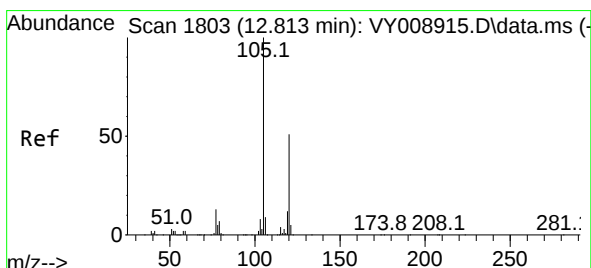
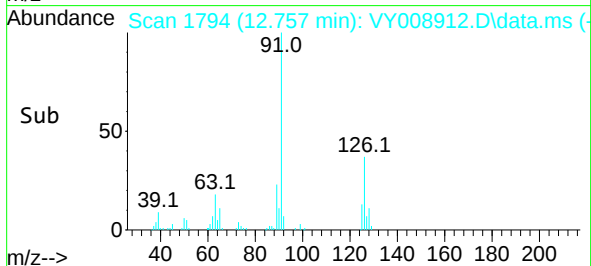
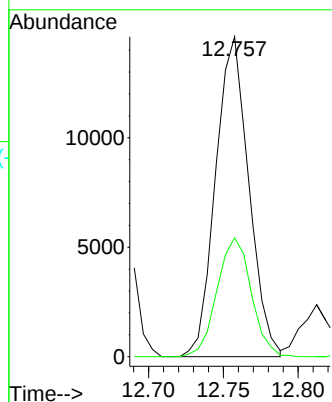
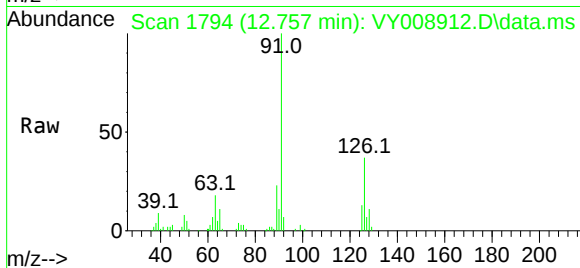
VSTDIC005

Tgt Ion: 91 Resp: 22546

Ion Ratio Lower Upper

91 100

126 38.2 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 5.048 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY008912.D

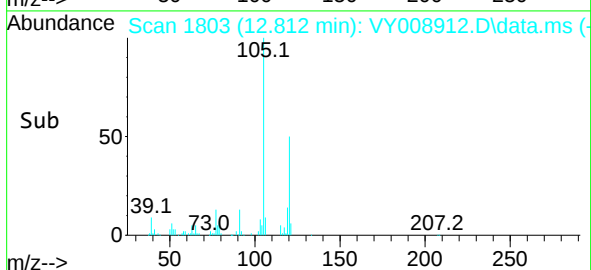
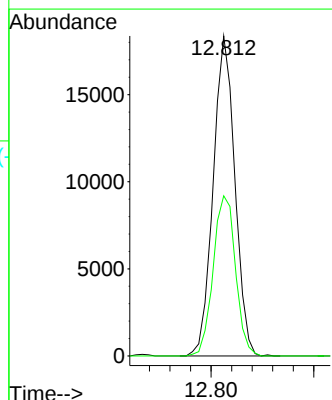
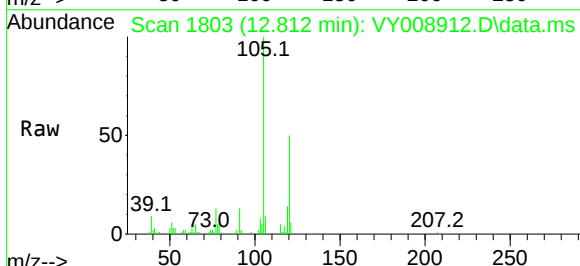
Acq: 20 May 2022 18:39

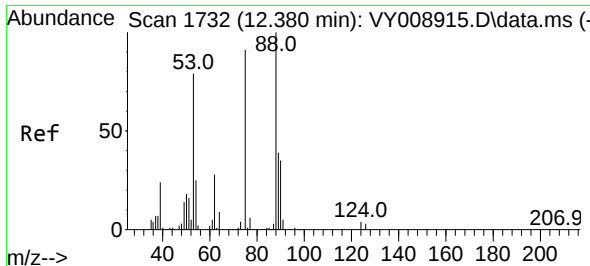
Tgt Ion: 105 Resp: 26894

Ion Ratio Lower Upper

105 100

120 51.5 24.4 73.4

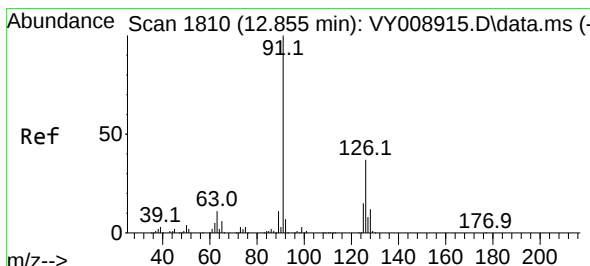
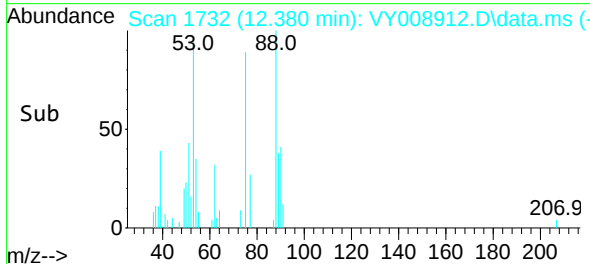
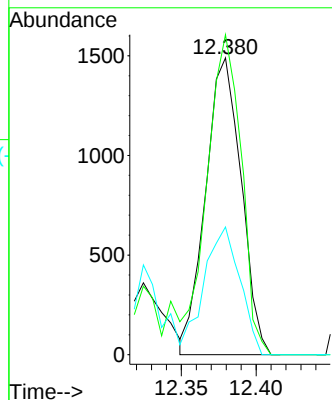
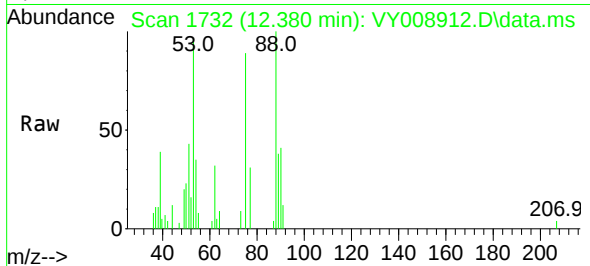




#81
trans-1,4-Dichloro-2-butene
Concen: 5.001 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

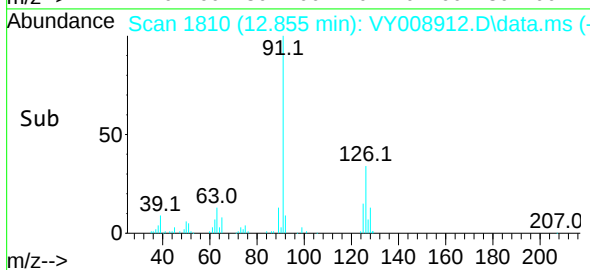
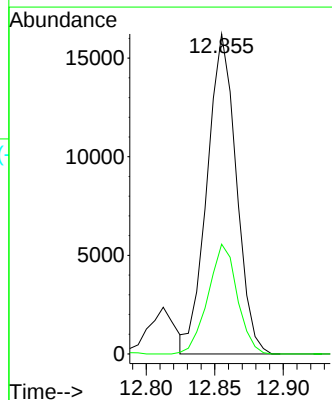
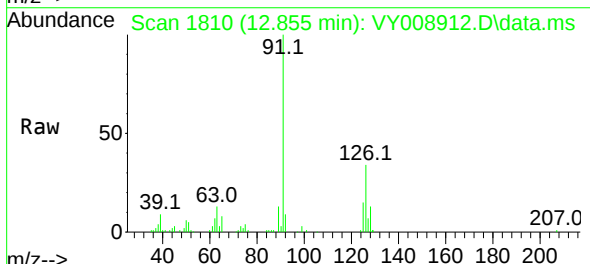
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

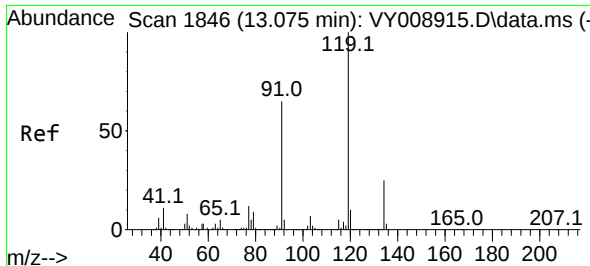
Tgt Ion: 75 Resp: 2467
Ion Ratio Lower Upper
75 100
53 103.5 85.3 127.9
89 43.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 5.189 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 91 Resp: 24030
Ion Ratio Lower Upper
91 100
126 34.4 17.0 51.0

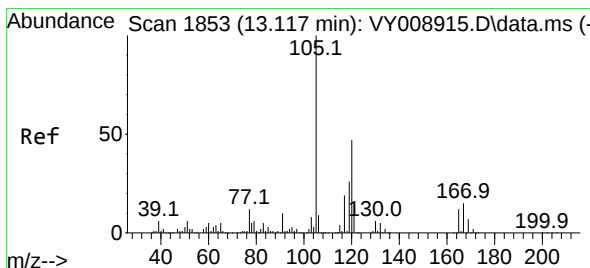
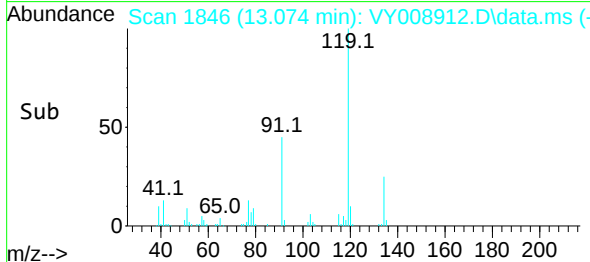
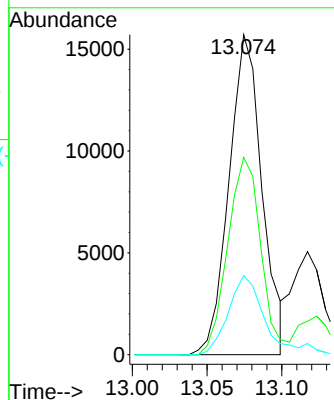
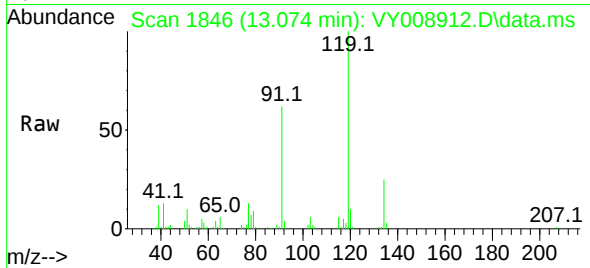




#83
tert-Butylbenzene
Concen: 5.067 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

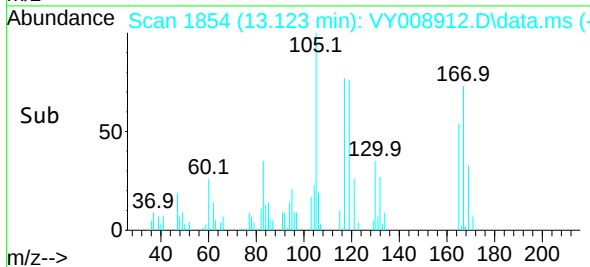
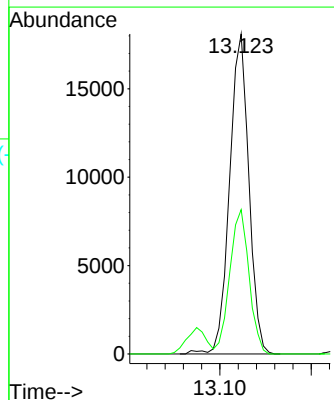
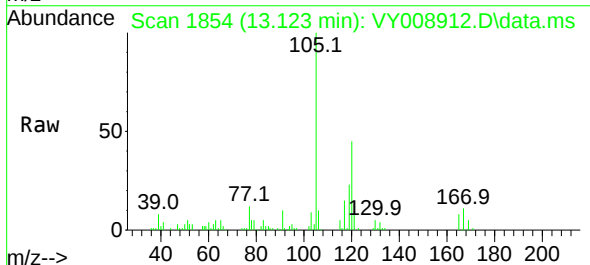
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

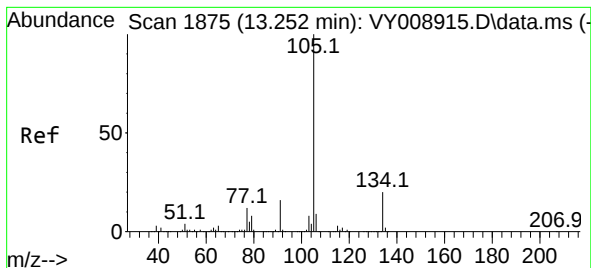
Tgt Ion:119 Resp: 24185
Ion Ratio Lower Upper
119 100
91 61.9 34.8 104.4
134 27.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 5.014 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion:105 Resp: 26491
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 5.048 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

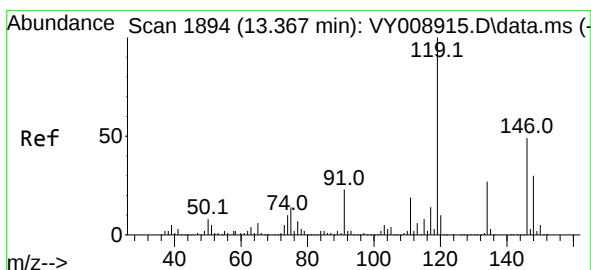
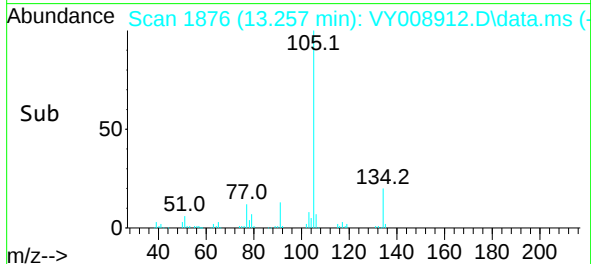
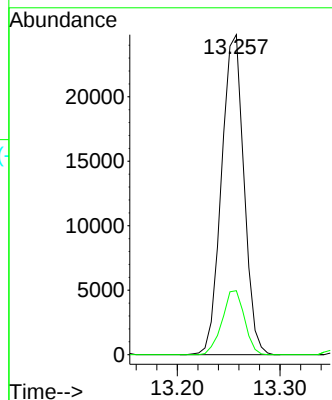
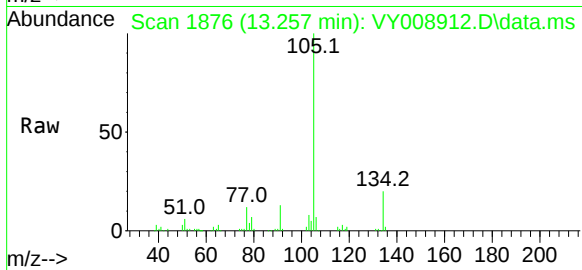
VSTDIC005

Tgt Ion:105 Resp: 37548

Ion Ratio Lower Upper

105 100

134 19.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 4.745 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

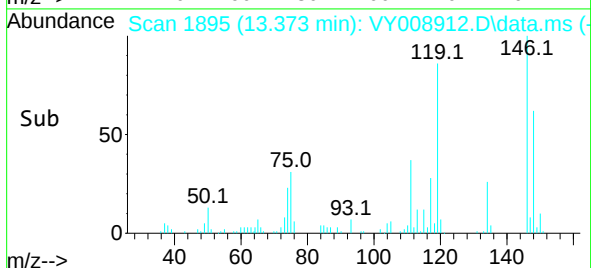
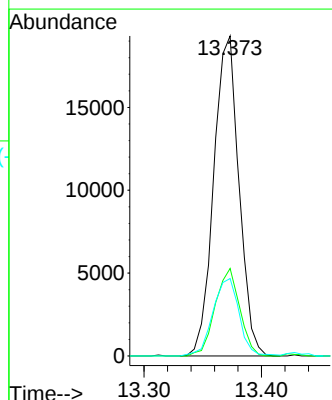
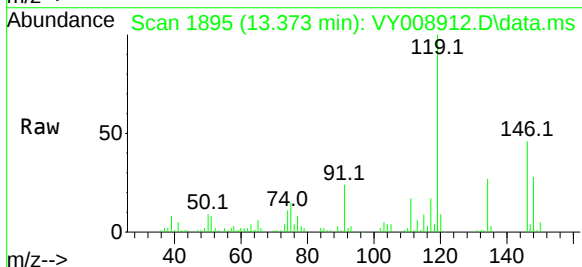
Tgt Ion:119 Resp: 28839

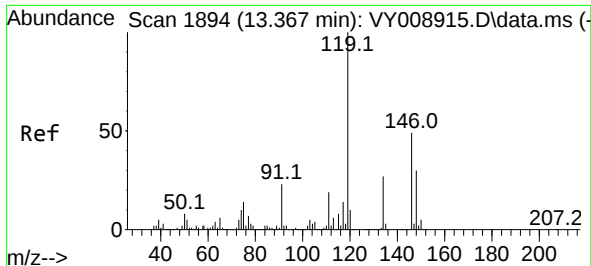
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

91 25.2 12.4 37.2

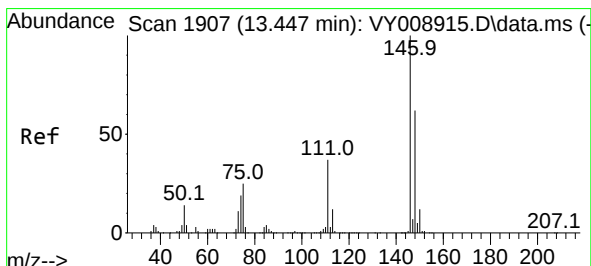
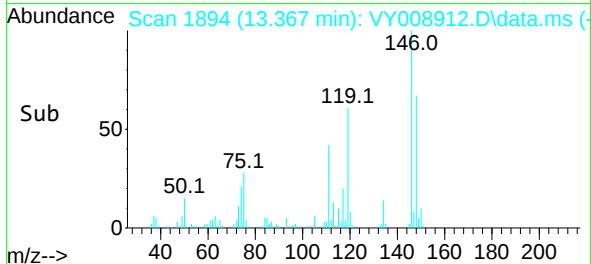
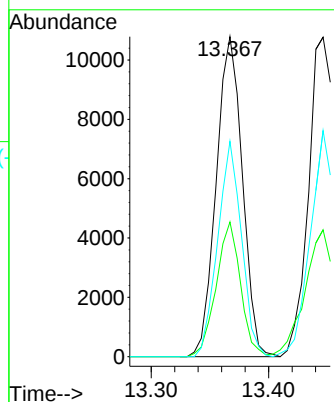
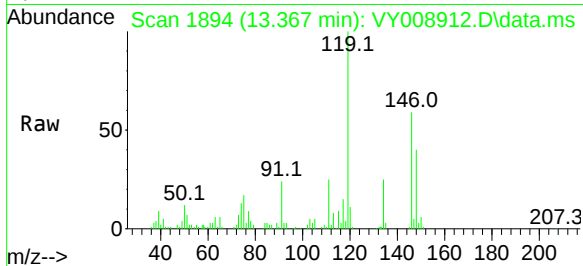




#87
1,3-Dichlorobenzene
Concen: 5.212 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

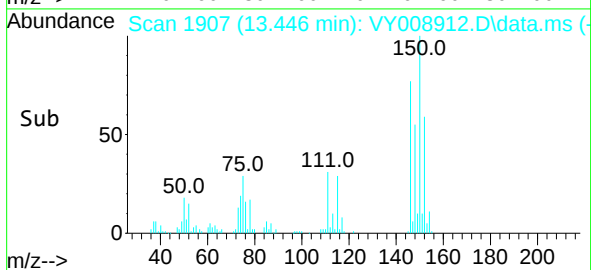
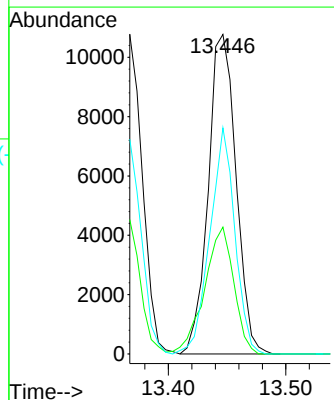
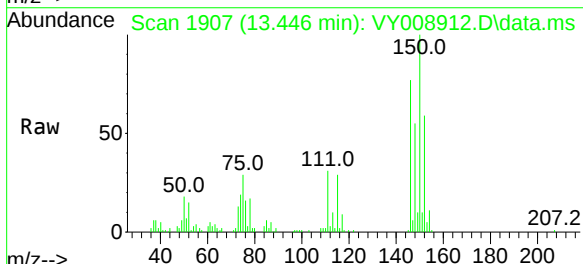
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

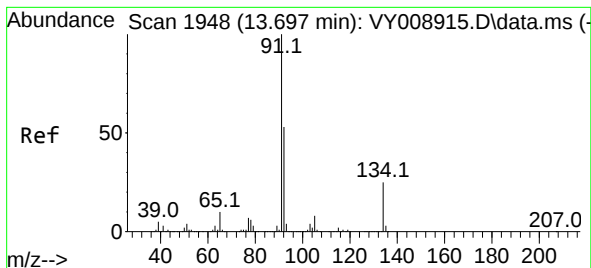
Tgt Ion:146 Resp: 16685
Ion Ratio Lower Upper
146 100
111 39.1 19.5 58.5
148 61.4 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 5.603 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion:146 Resp: 17729
Ion Ratio Lower Upper
146 100
111 41.9 19.3 57.8
148 63.6 32.6 97.8





#89

n-Butylbenzene

Concen: 4.992 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

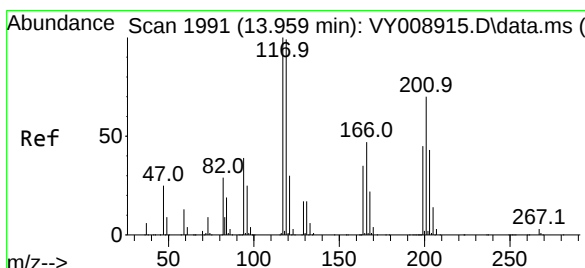
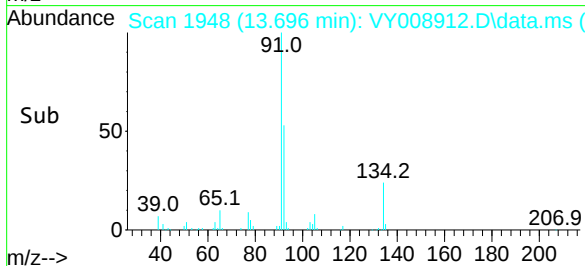
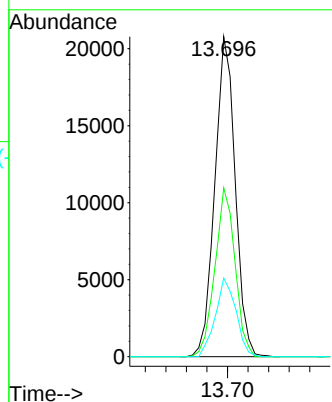
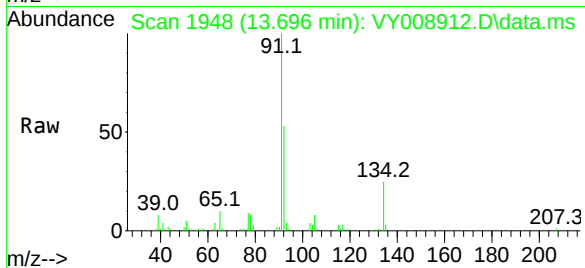
Tgt Ion: 91 Resp: 28583

Ion Ratio Lower Upper

91 100

92 52.0 26.3 78.9

134 24.7 13.0 38.9



#90

Hexachloroethane

Concen: 5.399 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY008912.D

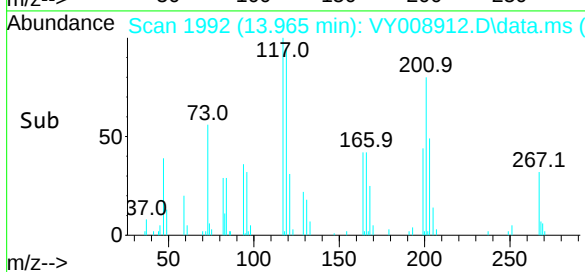
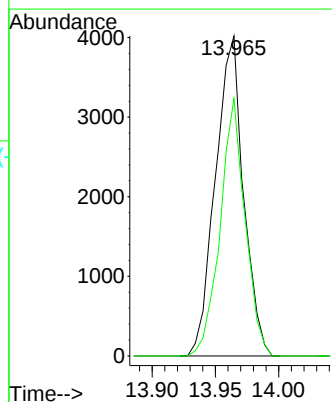
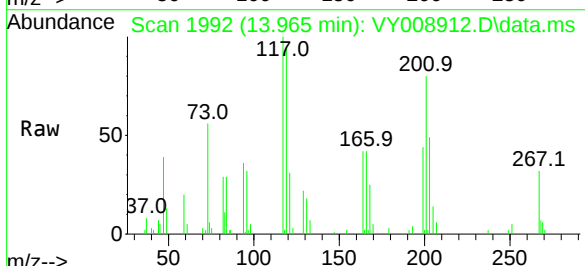
Acq: 20 May 2022 18:39

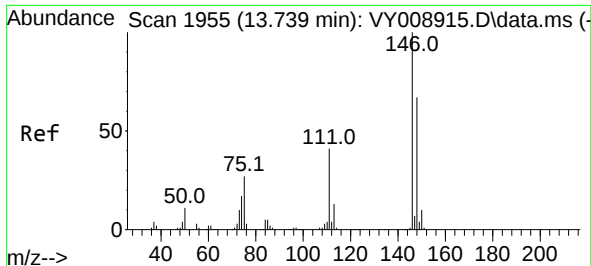
Tgt Ion: 117 Resp: 6192

Ion Ratio Lower Upper

117 100

201 71.5 43.0 128.8

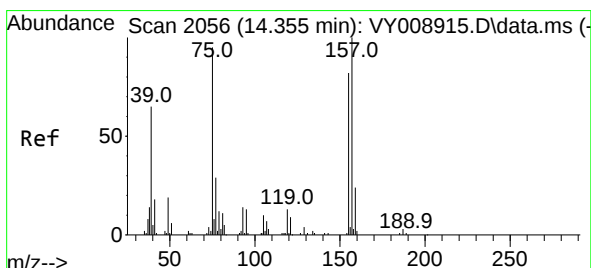
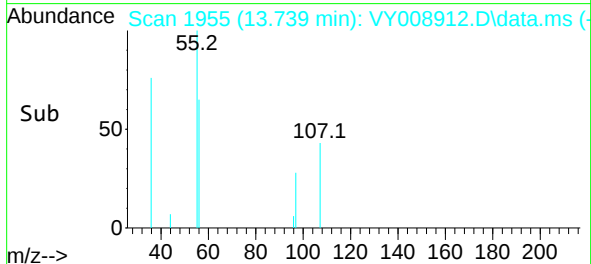
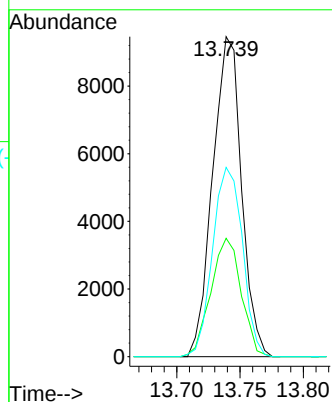
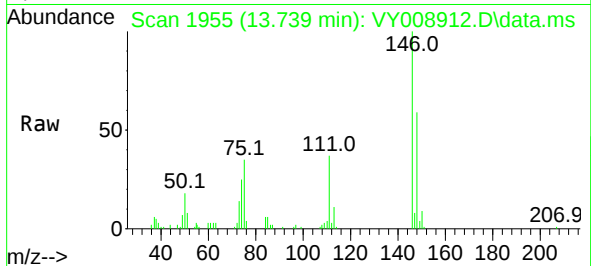




#91
1,2-Dichlorobenzene
Concen: 5.372 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

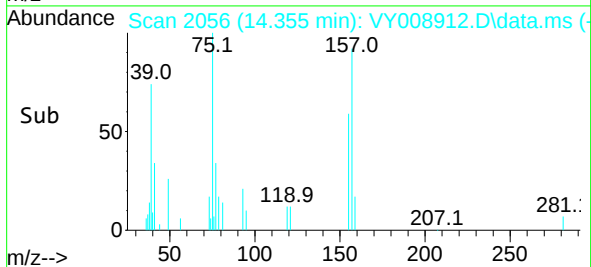
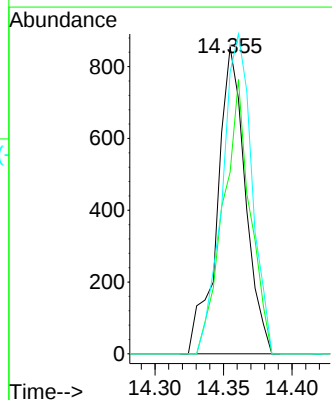
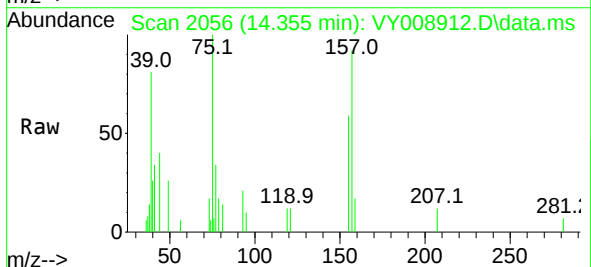
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

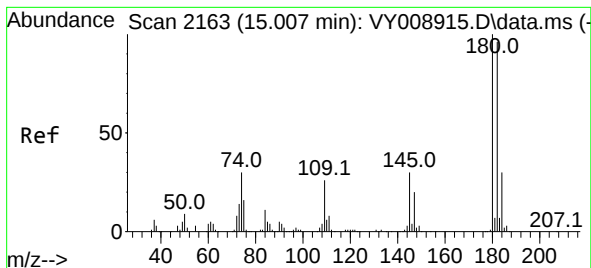
Tgt Ion:146	Resp:	14995
Ion	Ratio	Lower Upper
146	100	
111	39.0	20.3 60.9
148	61.3	32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.024 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion: 75	Resp:	1219
Ion	Ratio	Lower Upper
75	100	
155	85.5	38.0 113.9
157	109.7	47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 5.444 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

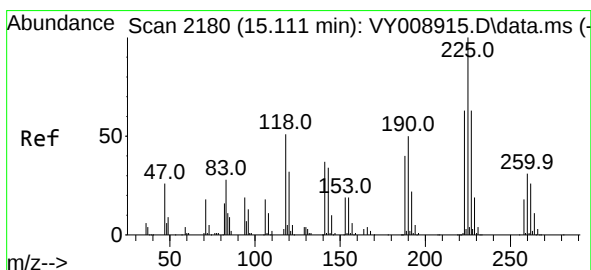
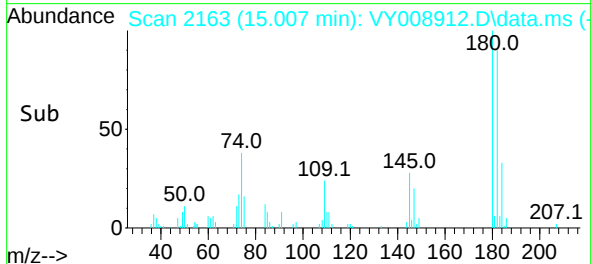
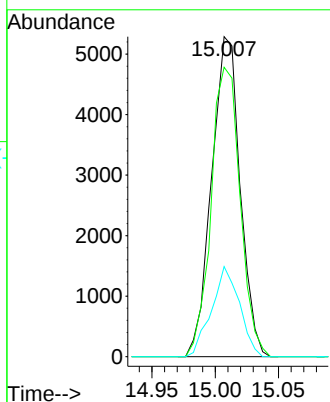
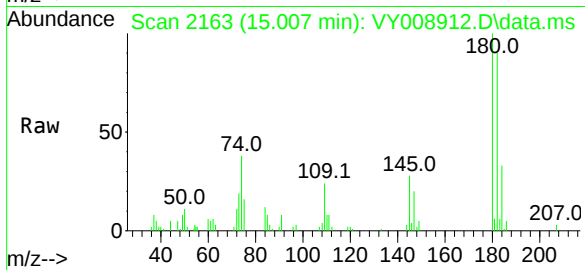
Tgt Ion:180 Resp: 8291

Ion Ratio Lower Upper

180 100

182 91.9 47.3 141.9

145 27.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 5.411 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY008912.D

Acq: 20 May 2022 18:39

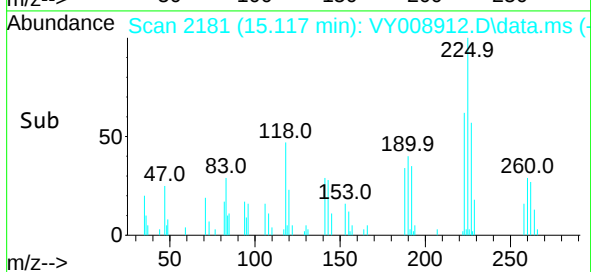
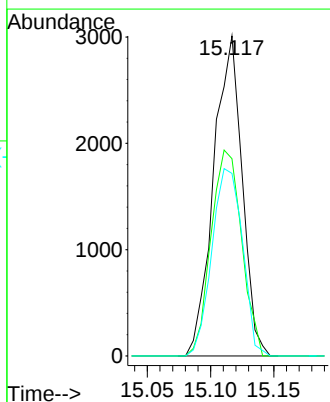
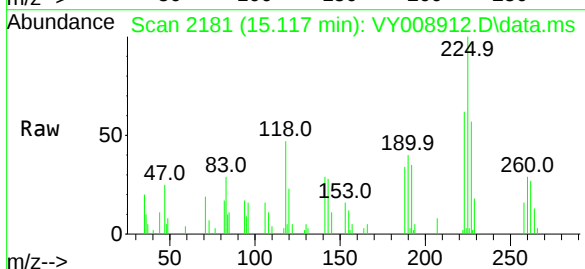
Tgt Ion:225 Resp: 4710

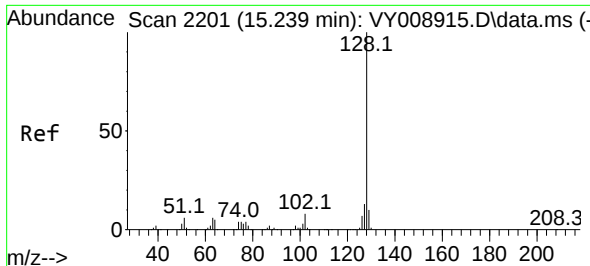
Ion Ratio Lower Upper

225 100

223 69.1 30.8 92.3

227 62.9 31.6 94.7

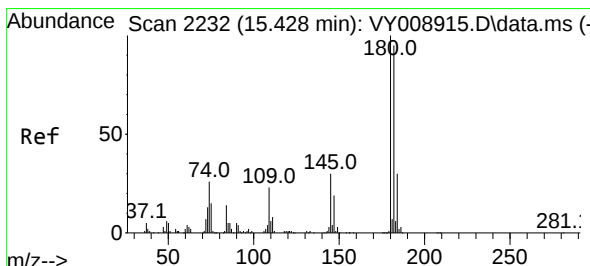
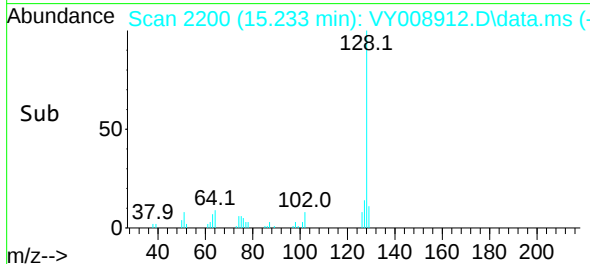
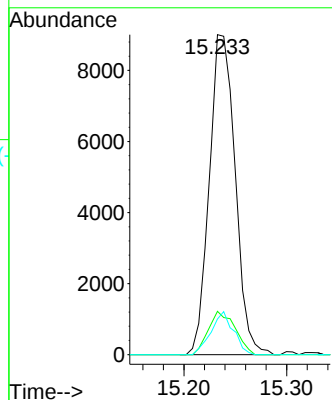
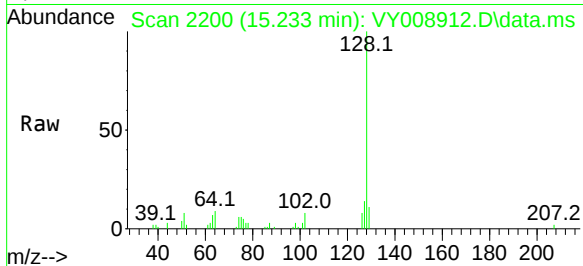




#95
Naphthalene
Concen: 4.697 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:128	Resp:	15735
Ion Ratio	Lower	Upper
128	100	
127	14.1	11.0 16.4
129	11.7	8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 5.726 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY008912.D
Acq: 20 May 2022 18:39

Tgt Ion:180	Resp:	7639
Ion Ratio	Lower	Upper
180	100	
182	89.4	47.3 141.9
145	31.0	15.3 45.9

