

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009875.D
 Acq On : 08 Aug 2022 15:27
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 08 17:36:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:35:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	59190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	103426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	94139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2904	5.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.200%#
35) Dibromofluoromethane	7.710	113	2919	5.248	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.500%#
50) Toluene-d8	10.179	98	9954	4.993	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	9.980%#
62) 4-Bromofluorobenzene	12.477	95	3424	4.260	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	8.520%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	2630	5.311	ug/l	95
3) Chloromethane	2.107	50	3821	6.458	ug/l	100
4) Vinyl Chloride	2.241	62	3918	6.160	ug/l	99
5) Bromomethane	2.638	94	3000	7.183	ug/l	88
6) Chloroethane	2.778	64	2346	7.030	ug/l #	81
7) Trichlorofluoromethane	3.107	101	5922	7.008	ug/l	97
8) Diethyl Ether	3.515	74	2109	6.727	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.881	101	3424	5.949	ug/l	93
10) Methyl Iodide	4.076	142	3274	4.359	ug/l	98
11) Tert butyl alcohol	4.942	59	2049	16.919	ug/l #	84
12) 1,1-Dichloroethene	3.857	96	3046	5.431	ug/l	98
13) Acrolein	3.717	56	237	5.110	ug/l	87
14) Allyl chloride	4.460	41	5541	5.594	ug/l	94
15) Acrylonitrile	5.149	53	5355	30.890	ug/l	98
16) Acetone	3.936	43	4904	31.337	ug/l	96
17) Carbon Disulfide	4.180	76	10350	5.622	ug/l #	94
18) Methyl Acetate	4.473	43	4075	9.250	ug/l	95
19) Methyl tert-butyl Ether	5.204	73	7879	5.044	ug/l	99
20) Methylene Chloride	4.698	84	9824	12.312	ug/l	93
21) trans-1,2-Dichloroethene	5.198	96	3297	5.020	ug/l #	93
22) Diisopropyl ether	6.106	45	10744	5.409	ug/l #	88
23) Vinyl Acetate	6.052	43	31163	24.427	ug/l	96
24) 1,1-Dichloroethane	6.003	63	6500	5.791	ug/l	94
25) 2-Butanone	6.978	43	7487	31.354	ug/l	92
26) 2,2-Dichloropropane	6.966	77	5696	5.488	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	3827	5.287	ug/l	93
28) Bromochloromethane	7.326	49	2566	5.617	ug/l #	90
29) Tetrahydrofuran	7.344	42	4646	30.315	ug/l	95
30) Chloroform	7.496	83	6414	5.660	ug/l	98
31) Cyclohexane	7.777	56	6585	5.951	ug/l #	72
32) 1,1,1-Trichloroethane	7.691	97	5299	5.325	ug/l	98
36) 1,1-Dichloropropene	7.905	75	5041	5.311	ug/l	96
37) Ethyl Acetate	7.057	43	3378	6.117	ug/l #	78
38) Carbon Tetrachloride	7.887	117	4779	4.931	ug/l	91
39) Methylcyclohexane	9.179	83	5321	4.516	ug/l	98
40) Benzene	8.149	78	14478	5.175	ug/l	97

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Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	4116	13.711	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	4188	5.363	ug/l	95
43) Isopropyl Acetate	8.265	43	5546	5.437	ug/l #	96
44) Trichloroethene	8.929	130	3821	4.959	ug/l	99
45) 1,2-Dichloropropane	9.209	63	3917	5.675	ug/l	98
46) Dibromomethane	9.301	93	2009	5.036	ug/l	93
47) Bromodichloromethane	9.490	83	4943	5.360	ug/l	98
48) Methyl methacrylate	9.289	41	2570	5.680	ug/l	87
49) 1,4-Dioxane	9.295	88	340	64.445	ug/l #	58
51) 4-Methyl-2-Pentanone	10.063	43	15503	29.491	ug/l	92
52) Toluene	10.240	92	8832	5.100	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	5160	5.281	ug/l	94
54) cis-1,3-Dichloropropene	9.923	75	5562	4.988	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	3238	5.867	ug/l	94
56) Ethyl methacrylate	10.508	69	3335	4.539	ug/l	91
57) 1,3-Dichloropropane	10.788	76	5003	5.342	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	7764	21.278	ug/l	95
59) 2-Hexanone	10.825	43	9904	27.024	ug/l	91
60) Dibromochloromethane	10.977	129	3494	5.292	ug/l	99
61) 1,2-Dibromoethane	11.081	107	2864	5.330	ug/l	93
64) Tetrachloroethene	10.715	164	3716	4.643	ug/l	89
65) Chlorobenzene	11.514	112	9687	5.161	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	3521	5.238	ug/l	98
67) Ethyl Benzene	11.587	91	15534	4.649	ug/l	94
68) m/p-Xylenes	11.697	106	11567	8.870	ug/l	96
69) o-Xylene	12.026	106	5256	4.280	ug/l	99
70) Styrene	12.038	104	8777	4.295	ug/l	97
71) Bromoform	12.203	173	2109	5.034	ug/l #	100
73) Isopropylbenzene	12.325	105	13302	4.273	ug/l	99
74) N-amyl acetate	12.142	43	4487	5.169	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	3566	5.932	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	4567	10.147	ug/l #	100
77) Bromobenzene	12.605	156	3657	4.822	ug/l	91
78) n-propylbenzene	12.666	91	17314	4.462	ug/l	97
79) 2-Chlorotoluene	12.752	91	9760	4.548	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	11476	4.357	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	1236	5.453	ug/l	97
82) 4-Chlorotoluene	12.849	91	10982	4.896	ug/l	96
83) tert-Butylbenzene	13.075	119	9919	4.308	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	11001	4.234	ug/l	100
85) sec-Butylbenzene	13.251	105	15367	4.484	ug/l	99
86) p-Isopropyltoluene	13.367	119	11948	4.227	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	7620	5.196	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	7727	5.217	ug/l	89
89) n-Butylbenzene	13.696	91	11965	4.485	ug/l	95
90) Hexachloroethane	13.959	117	2848	5.297	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	6671	5.050	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	564	5.500	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	3793	4.831	ug/l	95
94) Hexachlorobutadiene	15.111	225	2263	5.207	ug/l	97
95) Naphthalene	15.233	128	6679	4.197	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	3284	4.825	ug/l	95

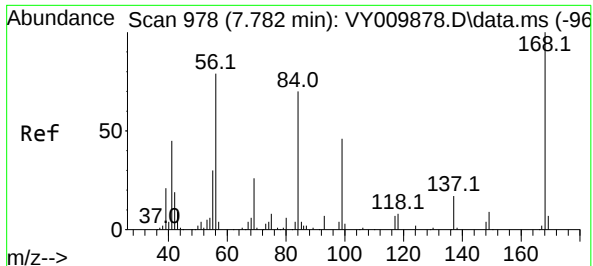
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
Data File : VY009875.D
Acq On : 08 Aug 2022 15:27
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
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Response via : Initial Calibration

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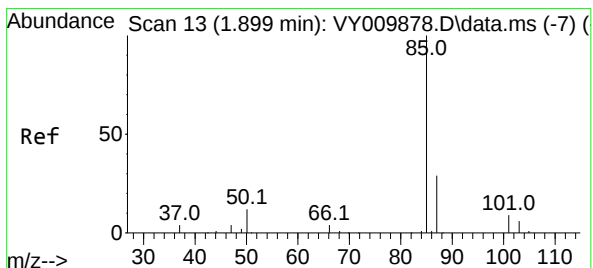
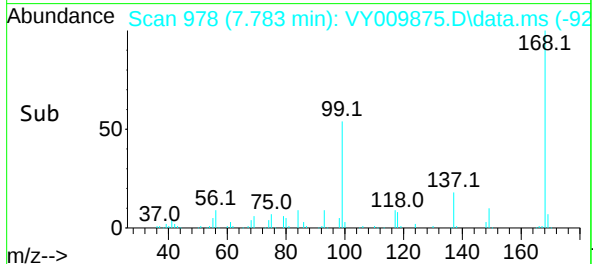
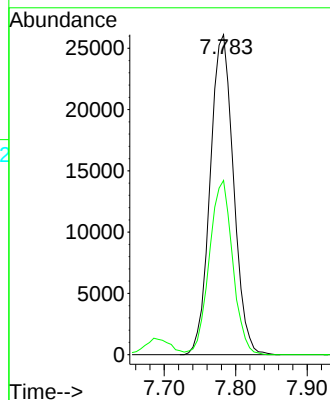
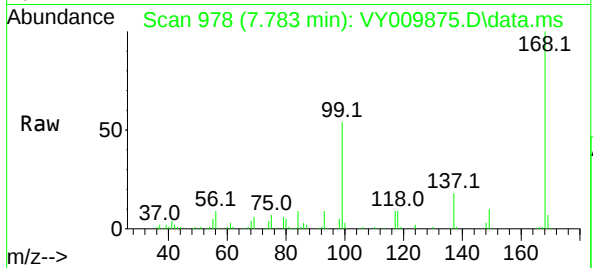
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

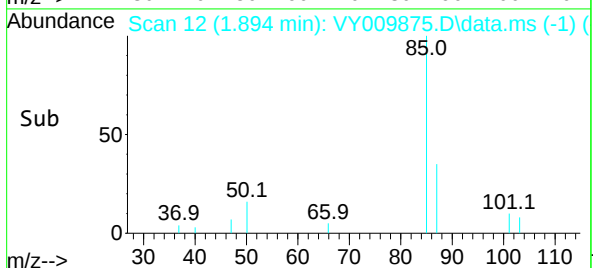
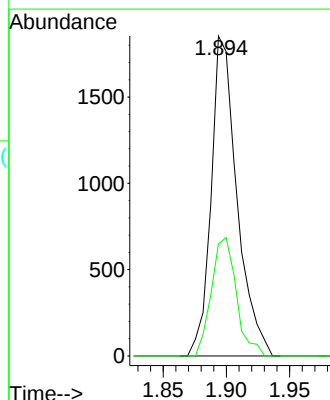
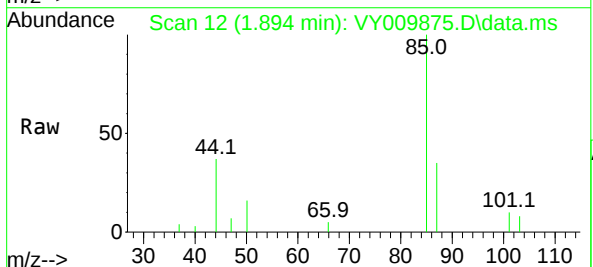
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MSVOA_Y
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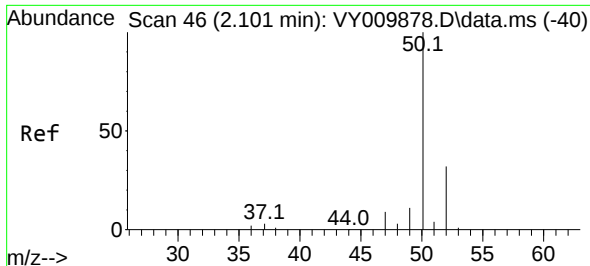
Tgt Ion:168 Resp: 59190
Ion Ratio Lower Upper
168 100
99 54.4 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 5.311 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion: 85 Resp: 2630
Ion Ratio Lower Upper
85 100
87 35.0 16.2 48.5

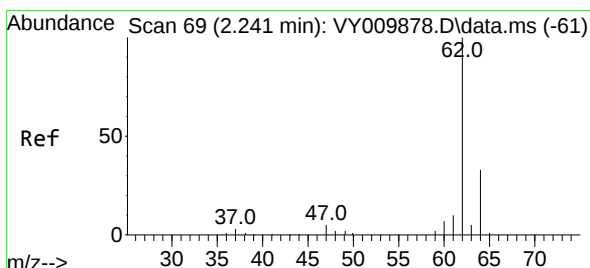
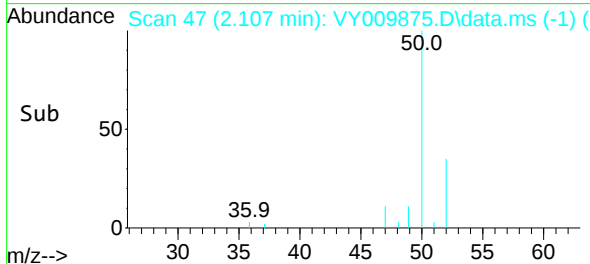
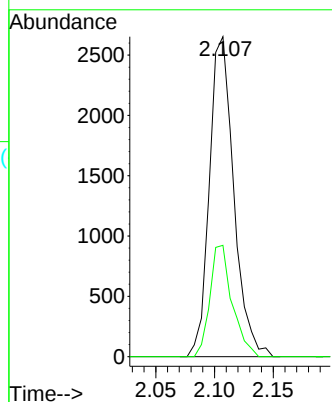
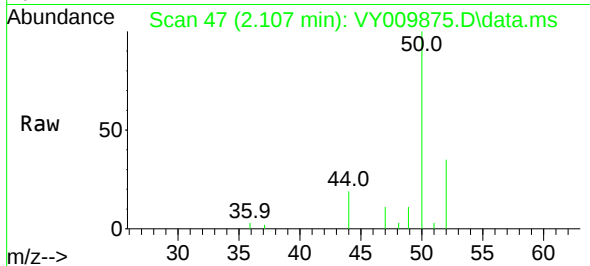




#3
Chloromethane
Concen: 6.458 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

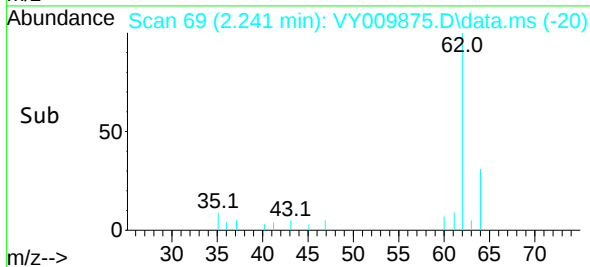
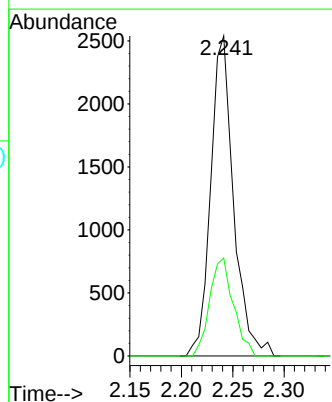
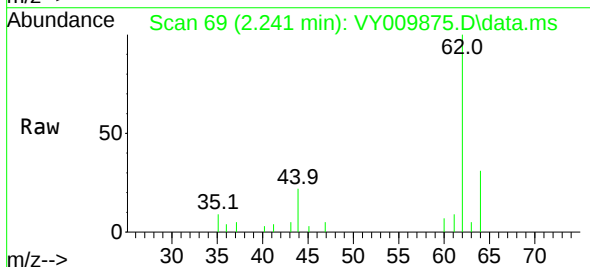
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

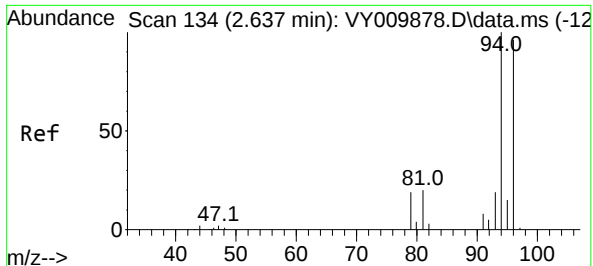
Tgt Ion: 50 Resp: 3821
Ion Ratio Lower Upper
50 100
52 34.8 27.9 41.9



#4
Vinyl Chloride
Concen: 6.160 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion: 62 Resp: 3918
Ion Ratio Lower Upper
62 100
64 30.6 25.0 37.4

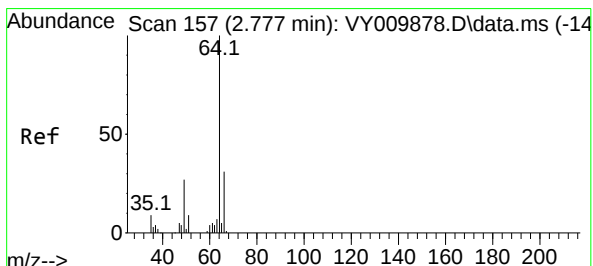
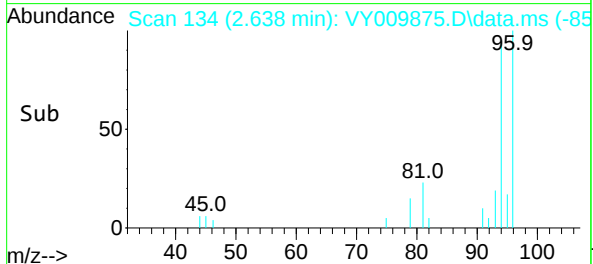
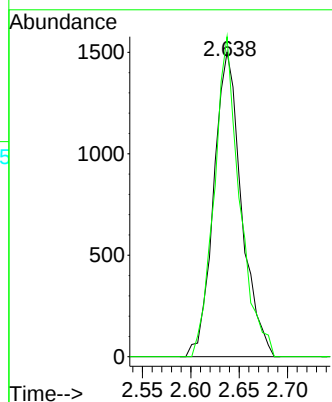
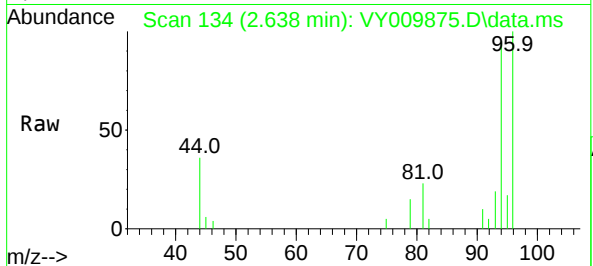




#5
Bromomethane
Concen: 7.183 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

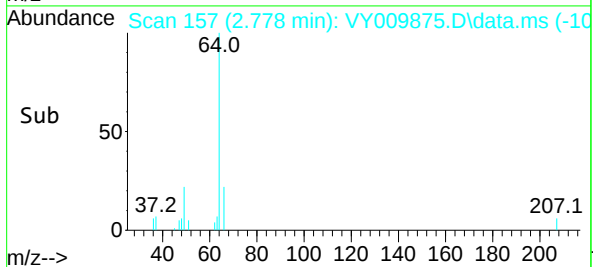
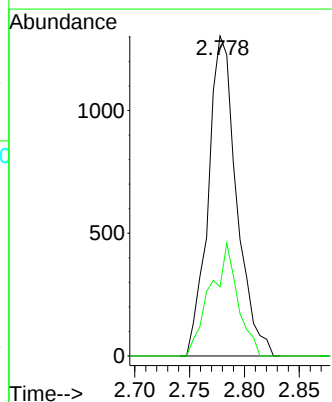
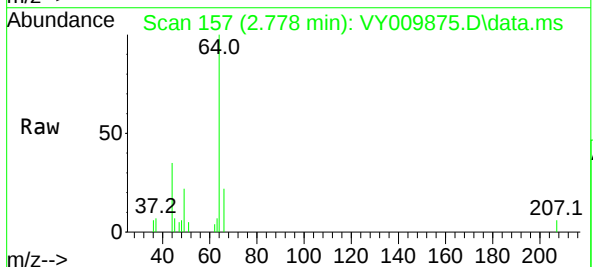
Instrument :
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VSTDIC005

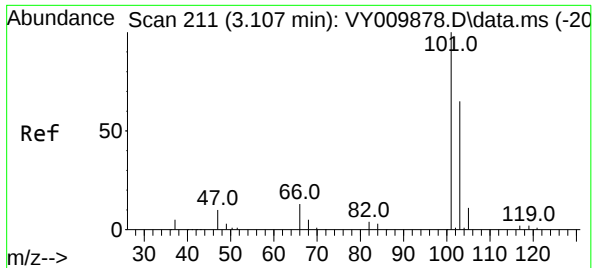
Tgt Ion: 94 Resp: 3000
Ion Ratio Lower Upper
94 100
96 105.1 74.6 111.8



#6
Chloroethane
Concen: 7.030 ug/l
RT: 2.778 min Scan# 157
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion: 64 Resp: 2346
Ion Ratio Lower Upper
64 100
66 21.6 25.8 38.8#

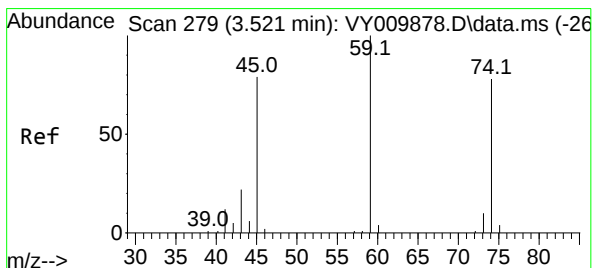
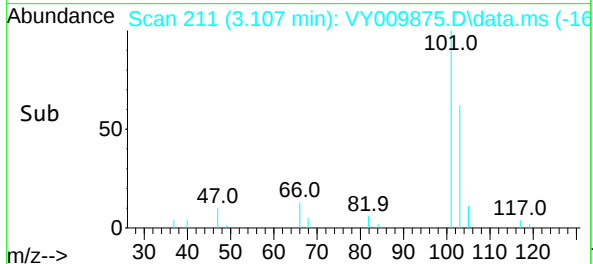
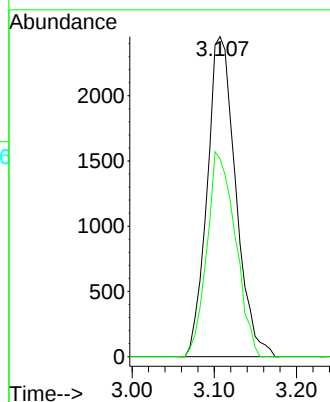
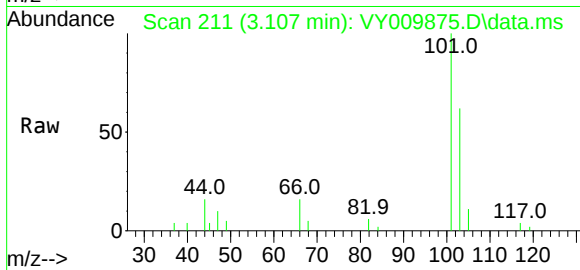




#7
 Trichlorofluoromethane
 Concen: 7.008 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VY009875.D
 Acq: 08 Aug 2022 15:27

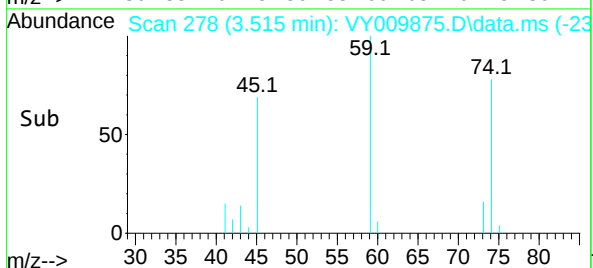
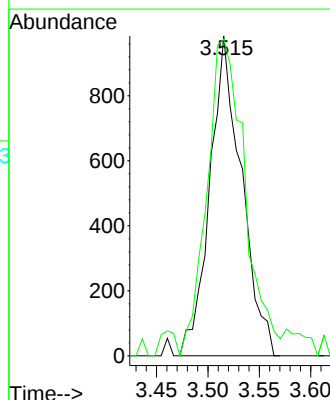
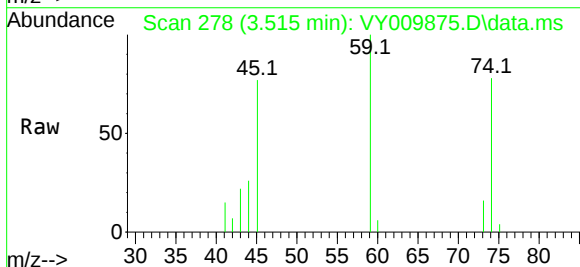
Instrument :
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 ClientSampleId :
 VSTDIC005

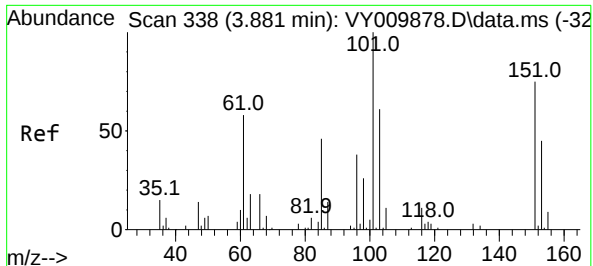
Tgt Ion:101 Resp: 5922
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.4 77.2



#8
 Diethyl Ether
 Concen: 6.727 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VY009875.D
 Acq: 08 Aug 2022 15:27

Tgt Ion: 74 Resp: 2109
 Ion Ratio Lower Upper
 74 100
 45 118.7 49.1 147.4

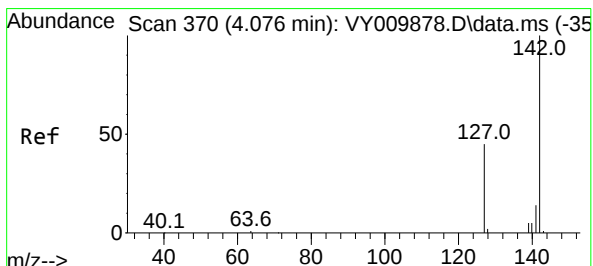
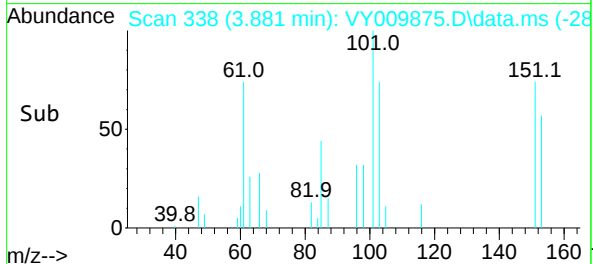
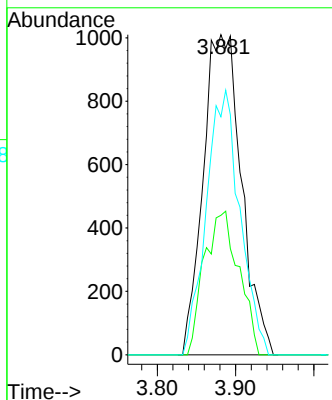
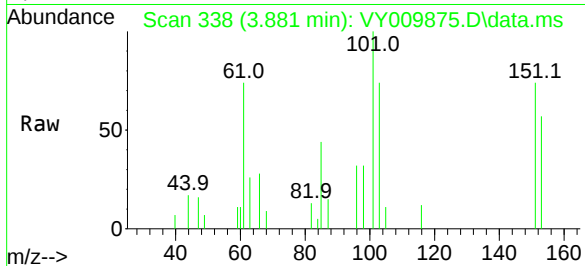




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.949 ug/l
RT: 3.881 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY009875.D
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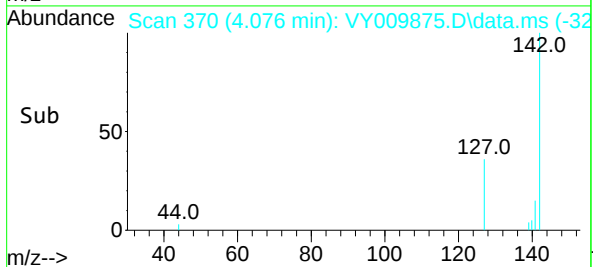
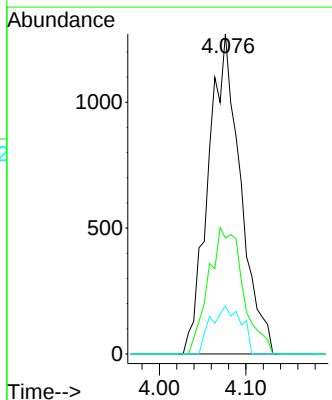
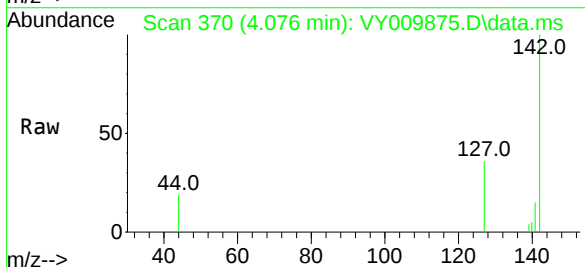
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

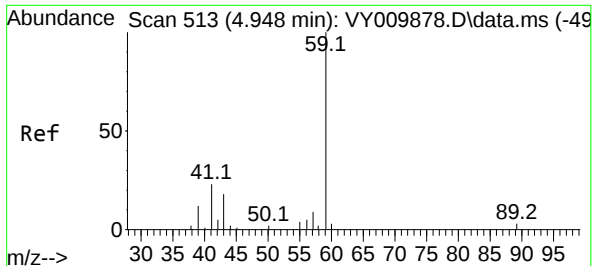
Tgt Ion:101 Resp: 3424
Ion Ratio Lower Upper
101 100
85 40.7 36.2 54.2
151 72.9 63.6 95.4



#10
Methyl Iodide
Concen: 4.359 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion:142 Resp: 3274
Ion Ratio Lower Upper
142 100
127 42.4 35.2 52.8
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 16.919 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

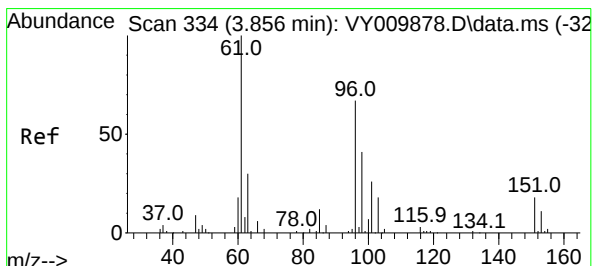
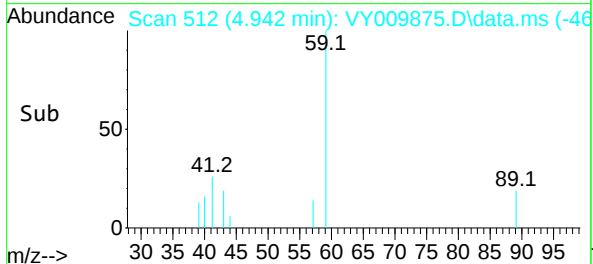
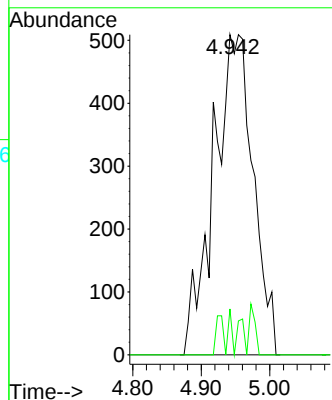
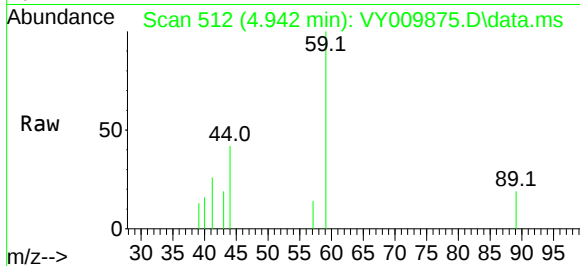
VSTDICC005

Tgt Ion: 59 Resp: 2049

Ion Ratio Lower Upper

59 100

57 2.2 6.3 9.5#



#12

1,1-Dichloroethene

Concen: 5.431 ug/l

RT: 3.857 min Scan# 334

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

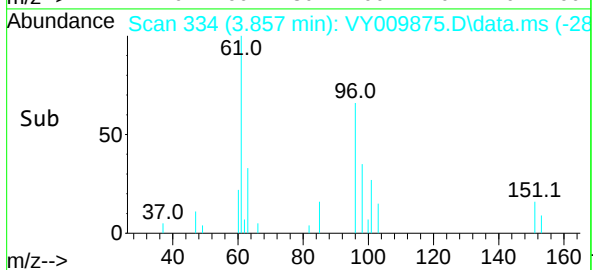
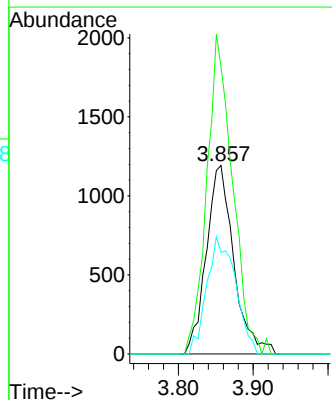
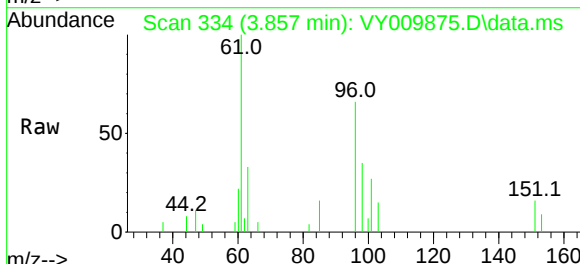
Tgt Ion: 96 Resp: 3046

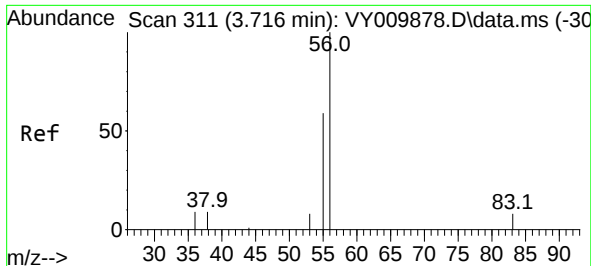
Ion Ratio Lower Upper

96 100

61 152.4 121.9 182.9

98 53.8 48.2 72.4





#13

Acrolein

Concen: 5.110 ug/l

RT: 3.717 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

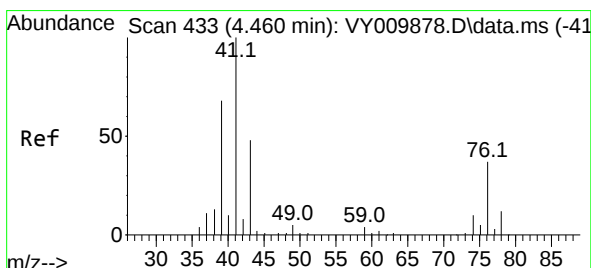
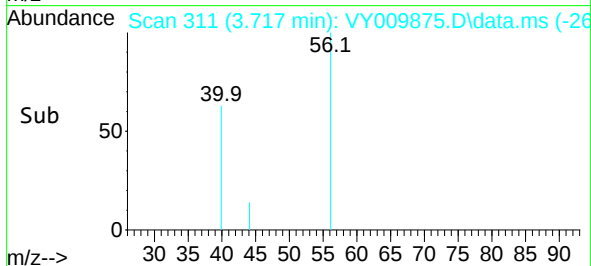
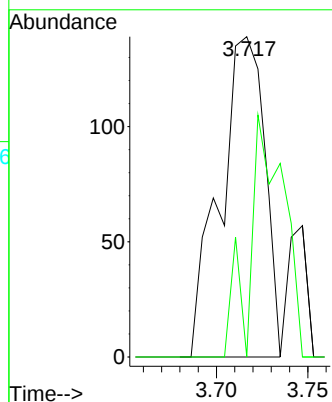
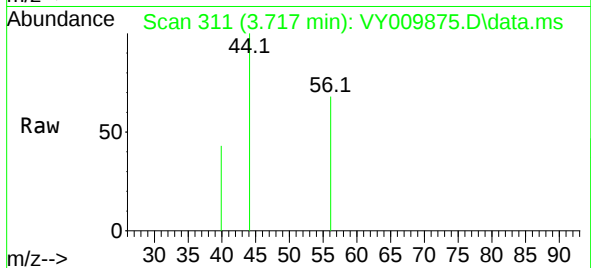
VSTDICC005

Tgt Ion: 56 Resp: 237

Ion Ratio Lower Upper

56 100

55 57.8 54.8 82.2



#14

Allyl chloride

Concen: 5.594 ug/l

RT: 4.460 min Scan# 433

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

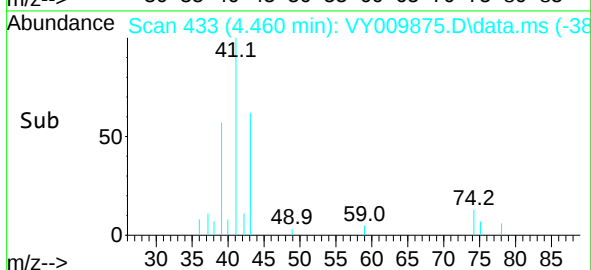
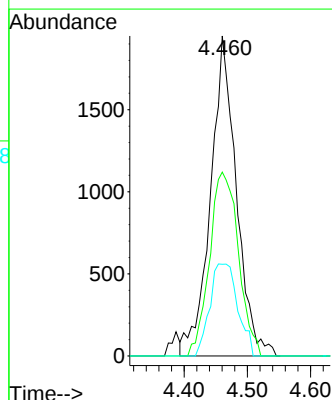
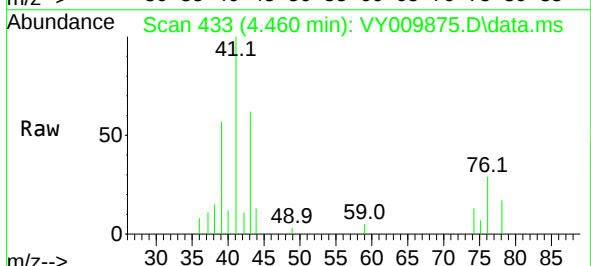
Tgt Ion: 41 Resp: 5541

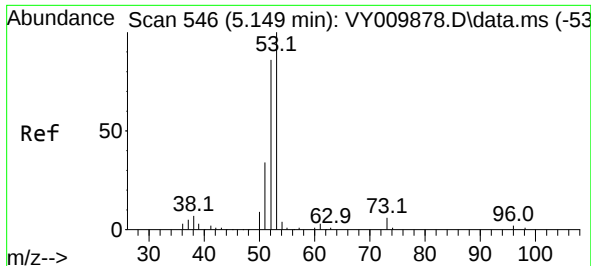
Ion Ratio Lower Upper

41 100

39 64.1 53.5 80.3

76 30.9 29.4 44.0

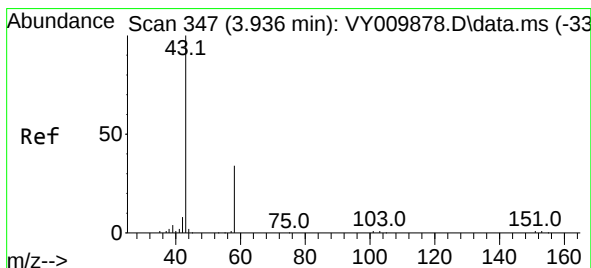
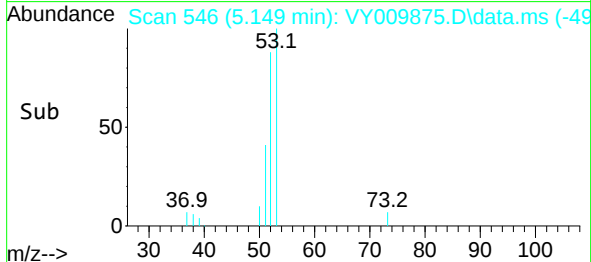
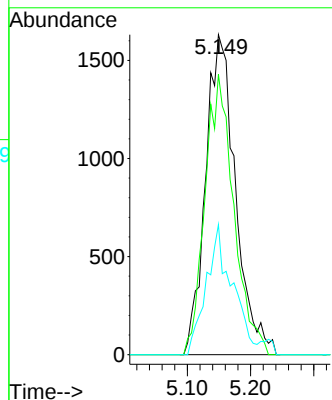
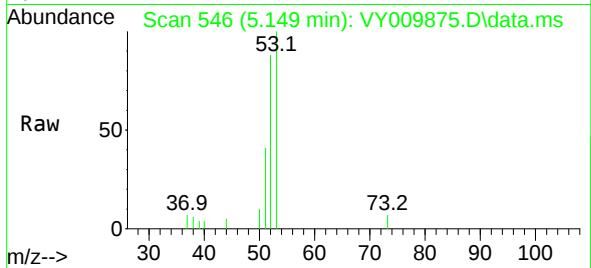




#15
Acrylonitrile
Concen: 30.890 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

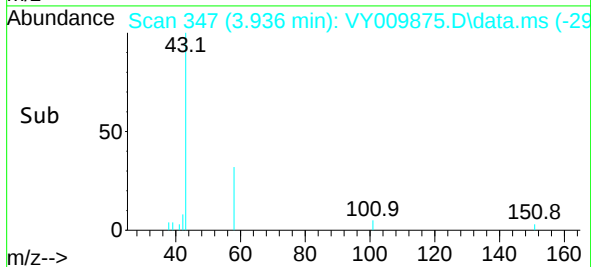
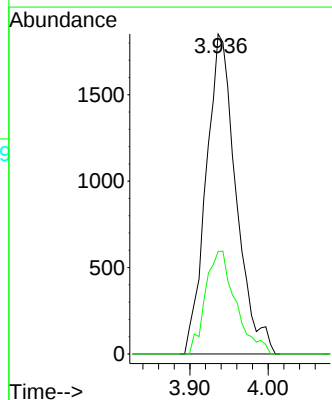
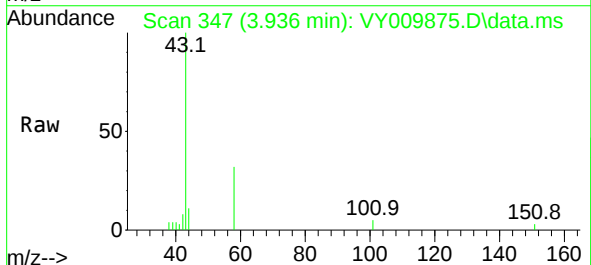
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

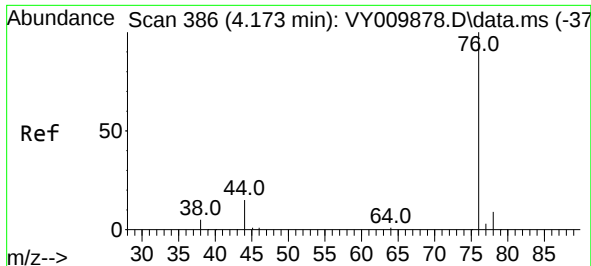
Tgt Ion: 53	Resp:	5355
Ion	Ratio	Lower Upper
53	100	
52	84.3	65.4 98.2
51	35.5	28.4 42.6



#16
Acetone
Concen: 31.337 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion: 43	Resp:	4904
Ion	Ratio	Lower Upper
43	100	
58	32.0	24.0 36.0





#17

Carbon Disulfide

Concen: 5.622 ug/l

RT: 4.180 min Scan# 386

Delta R.T. 0.006 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

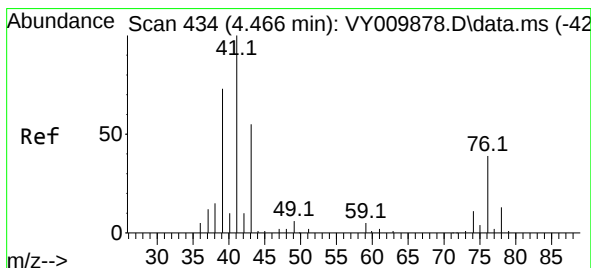
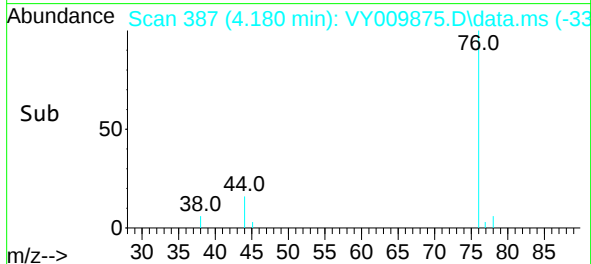
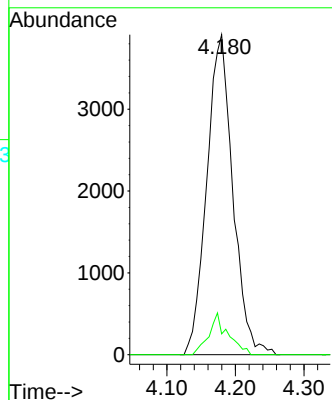
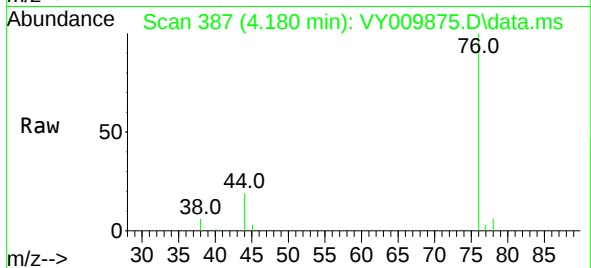
VSTDIC005

Tgt Ion: 76 Resp: 10350

Ion Ratio Lower Upper

76 100

78 6.5 6.8 10.2#



#18

Methyl Acetate

Concen: 9.250 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY009875.D

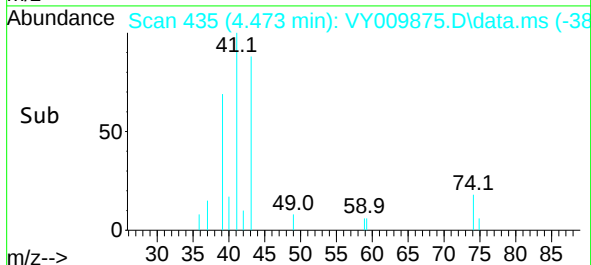
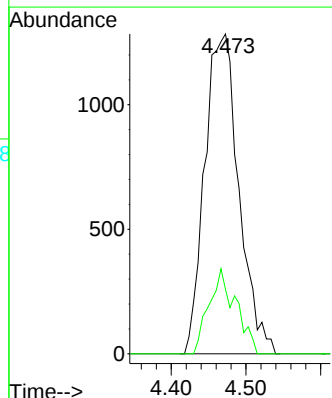
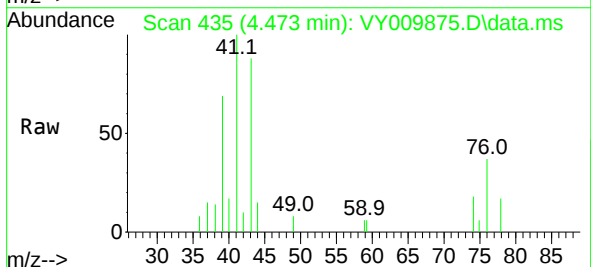
Acq: 08 Aug 2022 15:27

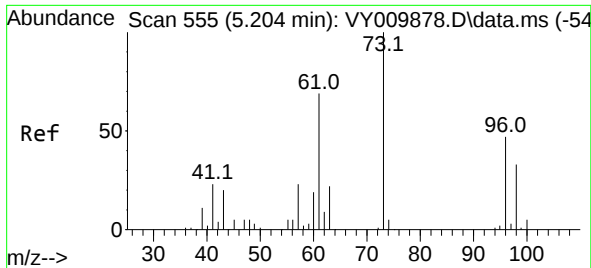
Tgt Ion: 43 Resp: 4075

Ion Ratio Lower Upper

43 100

74 21.0 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 5.044 ug/l

RT: 5.204 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

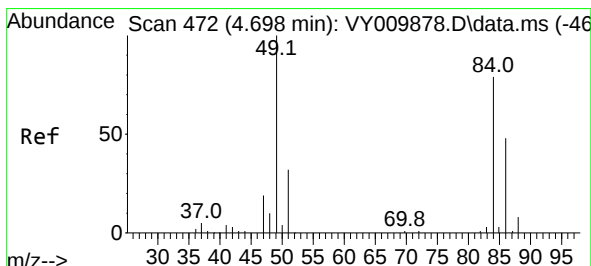
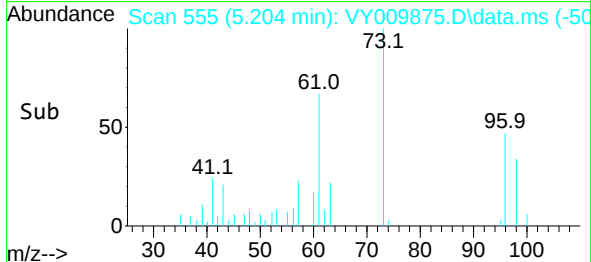
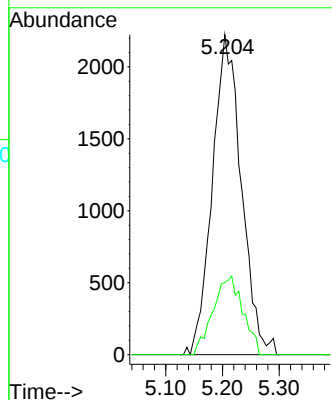
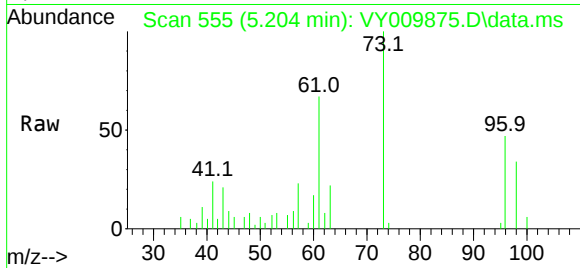
VSTDIC005

Tgt Ion: 73 Resp: 7879

Ion Ratio Lower Upper

73 100

57 22.5 18.5 27.7



#20

Methylene Chloride

Concen: 12.312 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Tgt Ion: 84 Resp: 9824

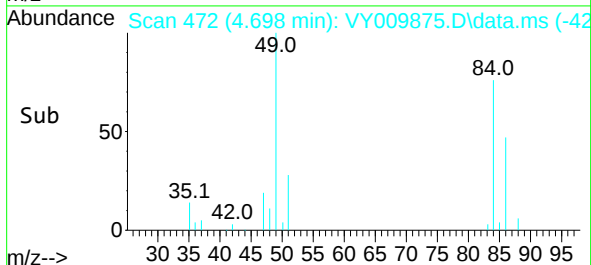
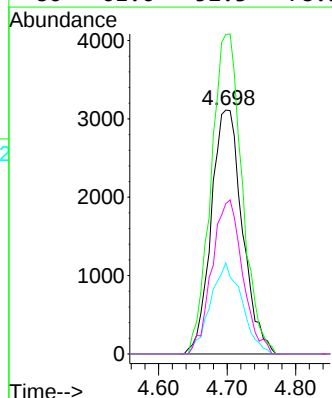
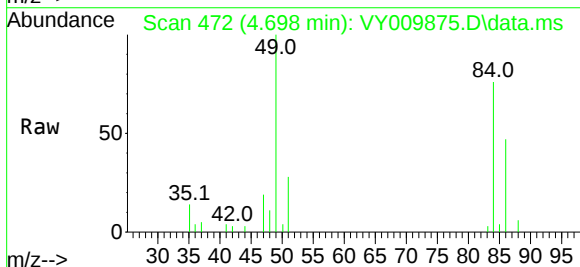
Ion Ratio Lower Upper

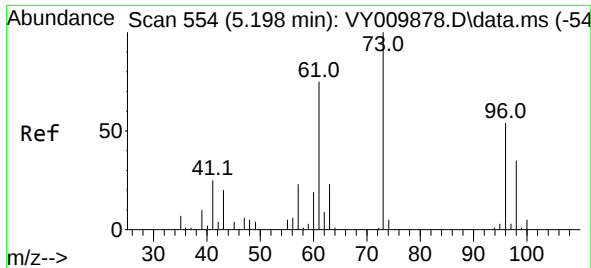
84 100

49 131.0 98.2 147.4

51 37.3 33.4 50.0

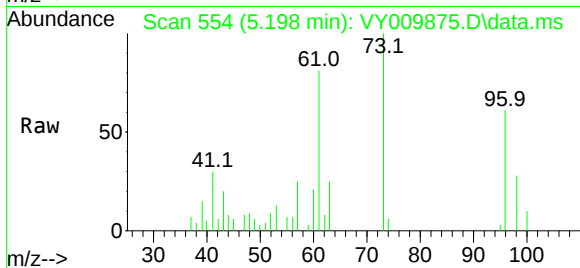
86 61.6 52.3 78.5



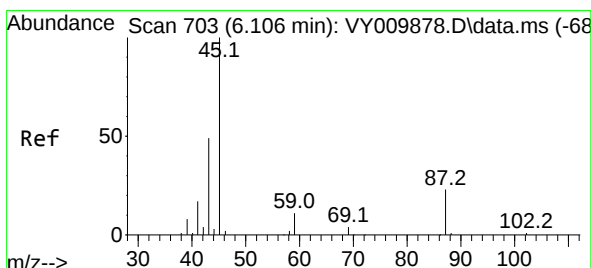
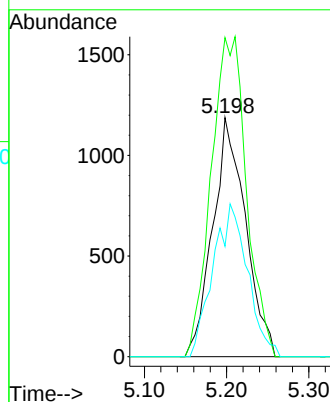
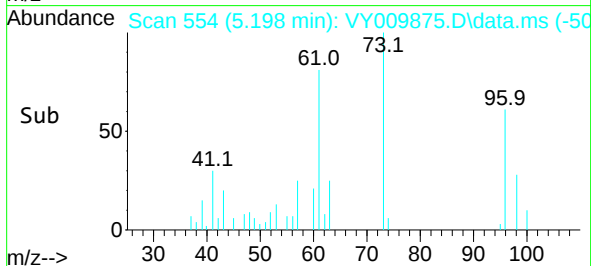


#21
trans-1,2-Dichloroethene
Concen: 5.020 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

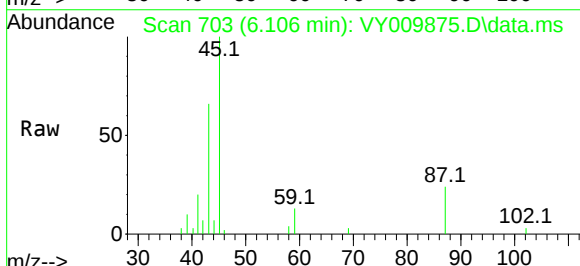
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



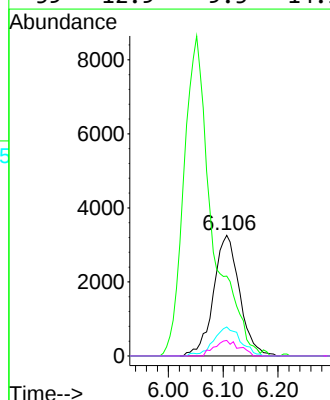
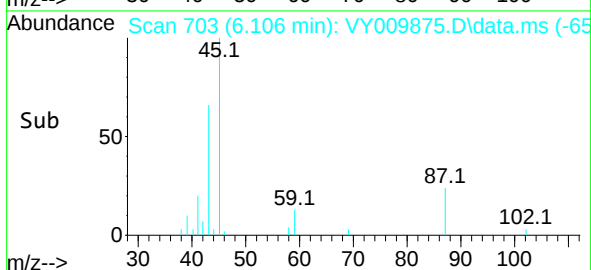
Tgt Ion: 96 Resp: 3297
Ion Ratio Lower Upper
96 100
61 133.4 105.8 158.6
98 46.1 49.7 74.5#

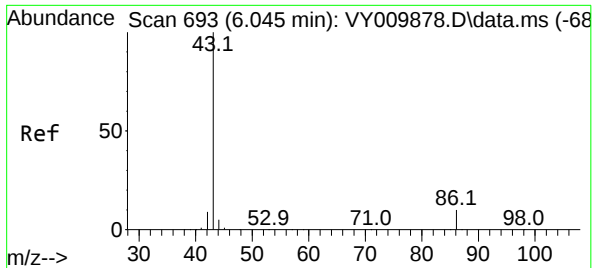


#22
Diisopropyl ether
Concen: 5.409 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27



Tgt Ion: 45 Resp: 10744
Ion Ratio Lower Upper
45 100
43 66.2 43.7 65.5#
87 24.1 22.2 33.4
59 12.9 9.5 14.3

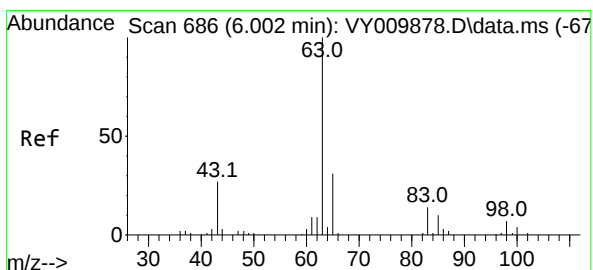
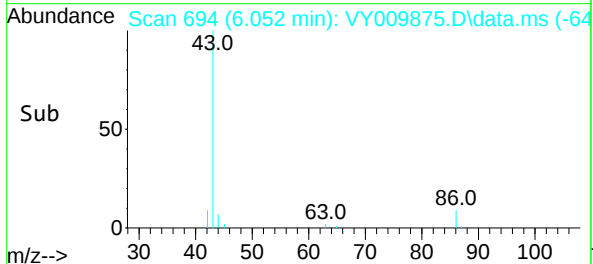
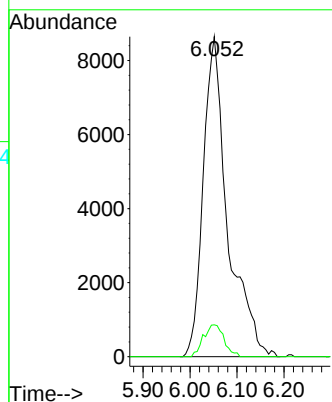
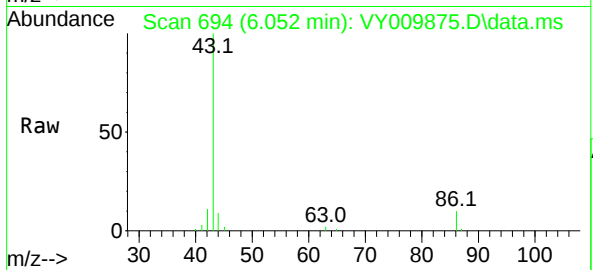




#23
 Vinyl Acetate
 Concen: 24.427 ug/l
 RT: 6.052 min Scan# 693
 Delta R.T. 0.007 min
 Lab File: VY009875.D
 Acq: 08 Aug 2022 15:27

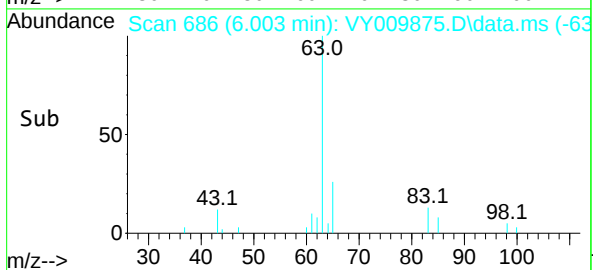
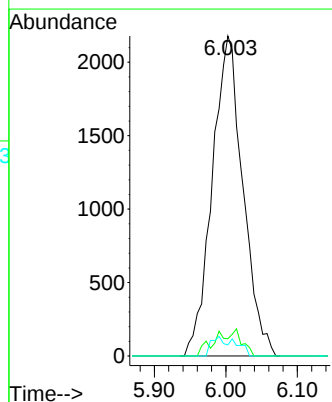
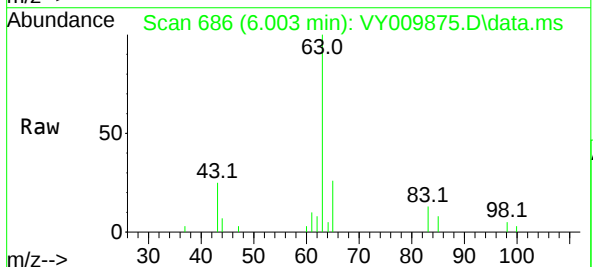
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

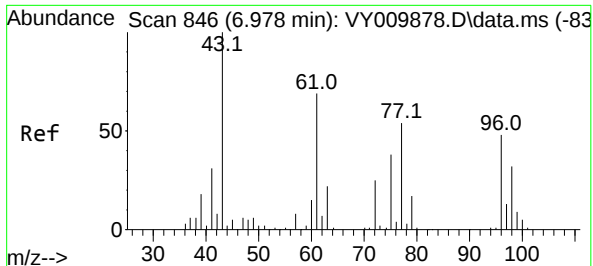
Tgt Ion: 43 Resp: 31163
 Ion Ratio Lower Upper
 43 100
 86 9.9 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 5.791 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY009875.D
 Acq: 08 Aug 2022 15:27

Tgt Ion: 63 Resp: 6500
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.9 11.7
 100 3.5 2.8 8.3





#25

2-Butanone

Concen: 31.354 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

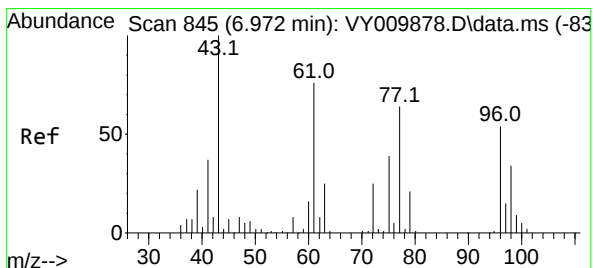
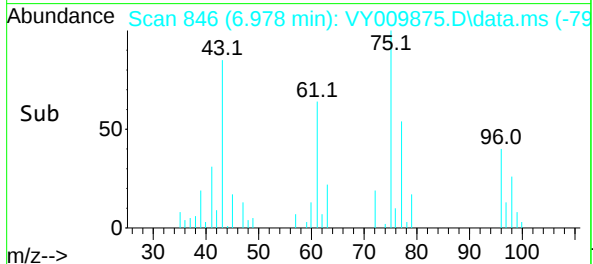
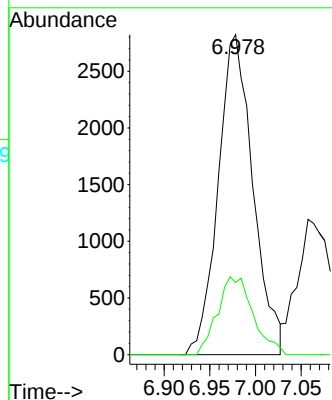
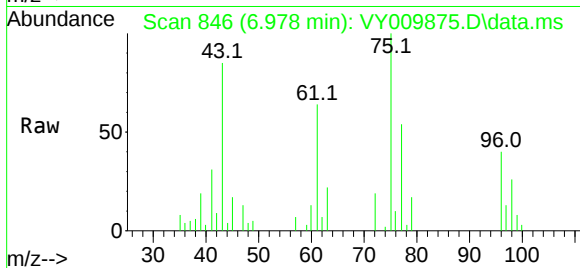
VSTDIC005

Tgt Ion: 43 Resp: 7487

Ion Ratio Lower Upper

43 100

72 22.6 21.5 32.3



#26

2,2-Dichloropropane

Concen: 5.488 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY009875.D

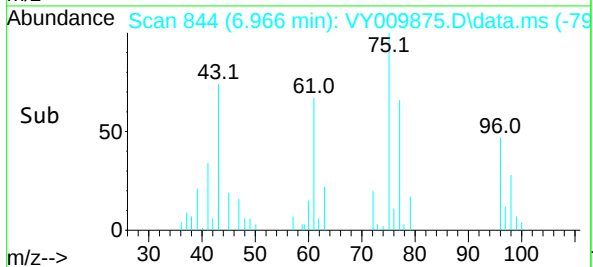
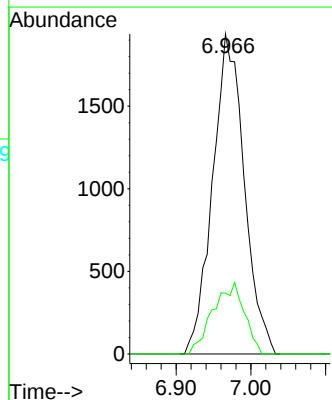
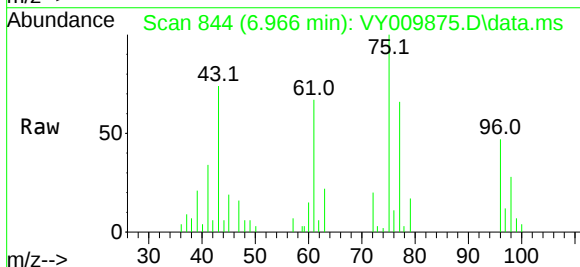
Acq: 08 Aug 2022 15:27

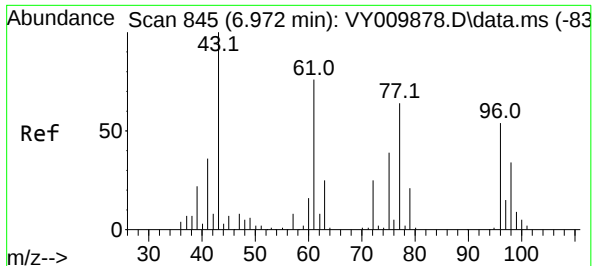
Tgt Ion: 77 Resp: 5696

Ion Ratio Lower Upper

77 100

97 22.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 5.287 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

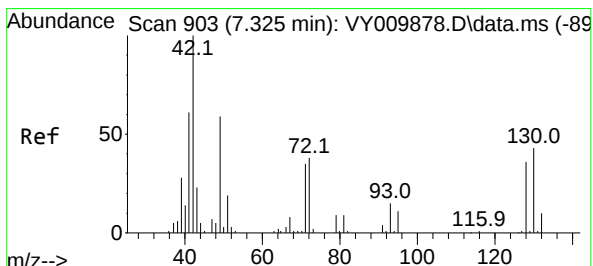
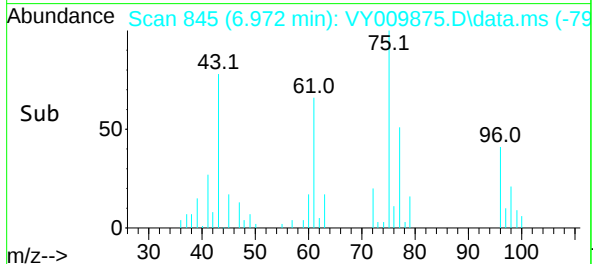
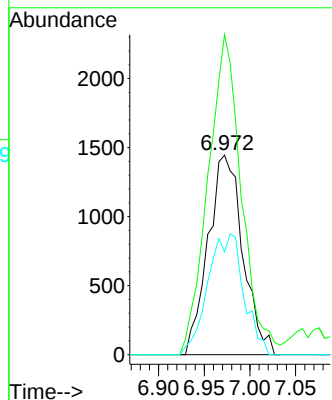
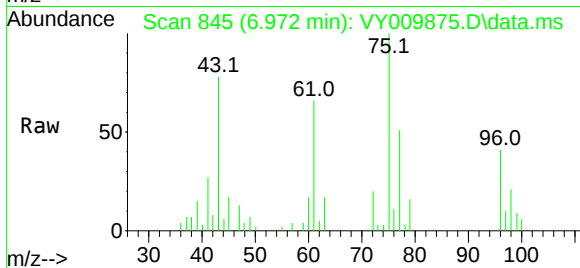
Tgt Ion: 96 Resp: 3827

Ion Ratio Lower Upper

96 100

61 153.7 0.0 285.6

98 62.5 0.0 131.0



#28

Bromochloromethane

Concen: 5.617 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

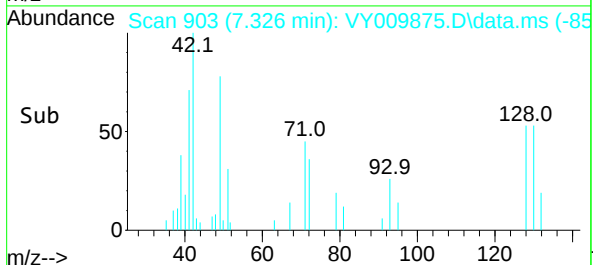
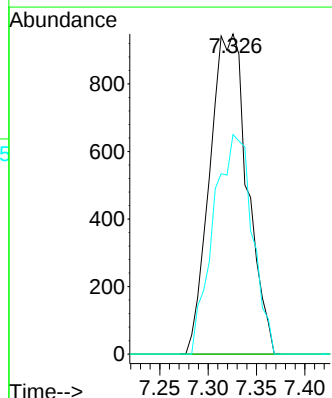
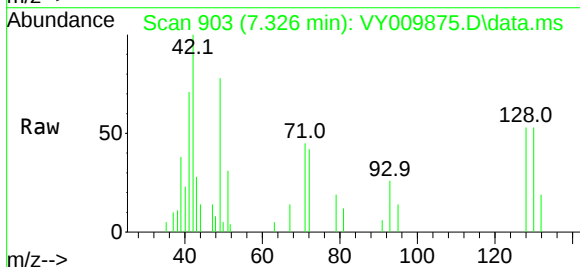
Tgt Ion: 49 Resp: 2566

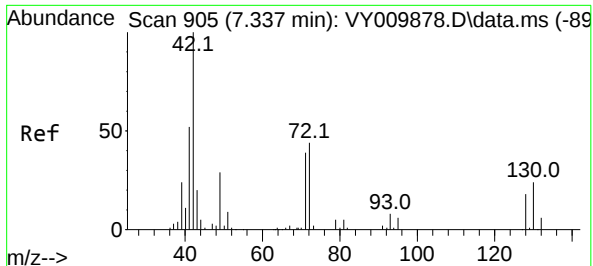
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 70.8 64.1 96.1





#29

Tetrahydrofuran

Concen: 30.315 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

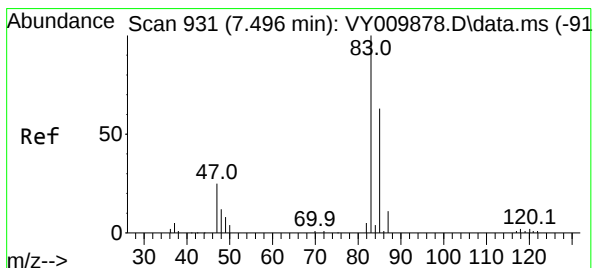
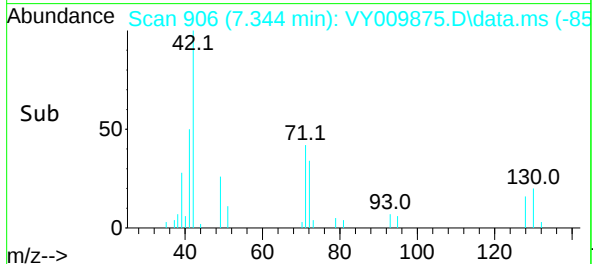
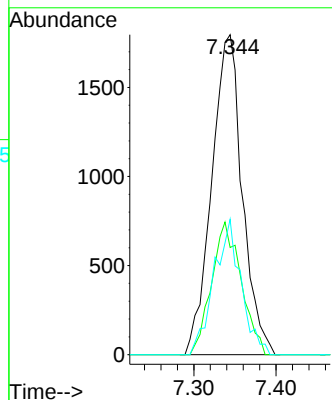
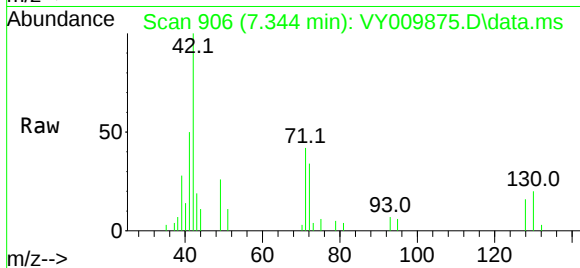
Tgt Ion: 42 Resp: 4646

Ion Ratio Lower Upper

42 100

72 40.2 34.6 52.0

71 37.5 32.7 49.1



#30

Chloroform

Concen: 5.660 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009875.D

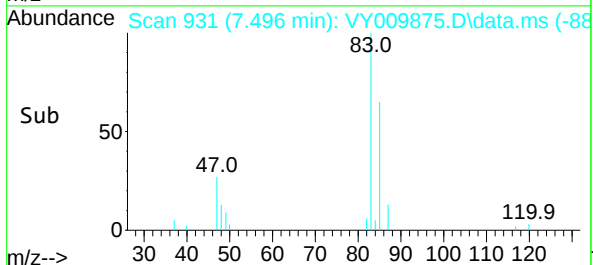
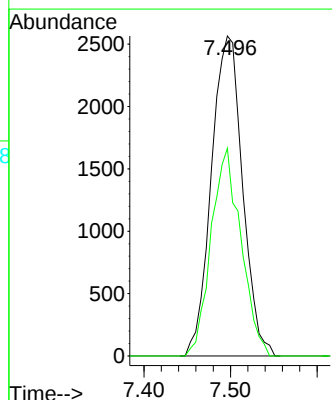
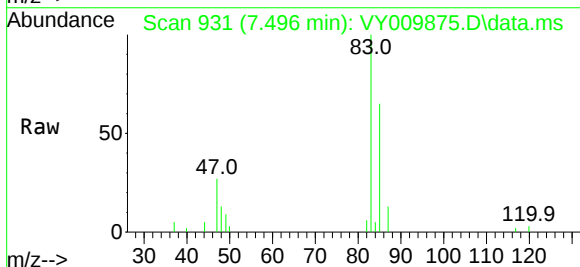
Acq: 08 Aug 2022 15:27

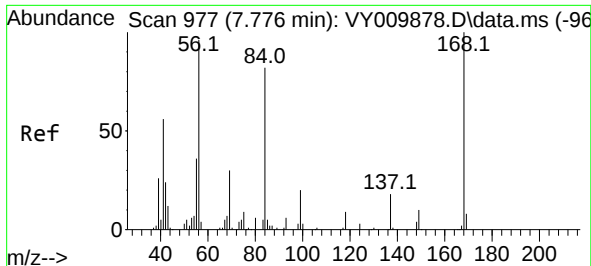
Tgt Ion: 83 Resp: 6414

Ion Ratio Lower Upper

83 100

85 64.9 50.5 75.7

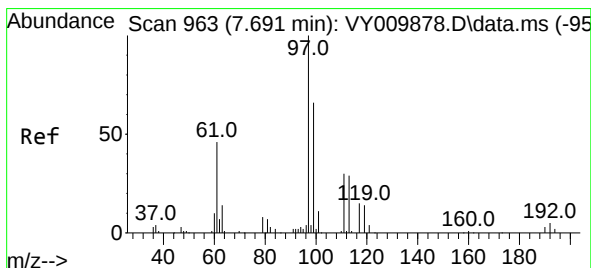
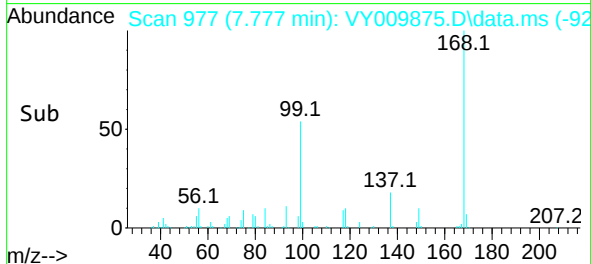
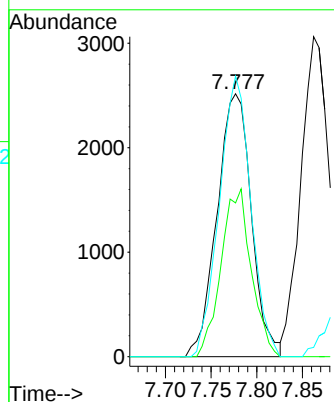
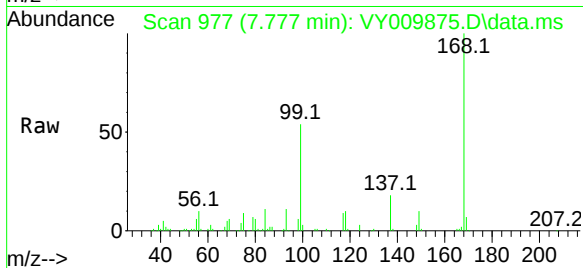




#31
Cyclohexane
Concen: 5.951 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

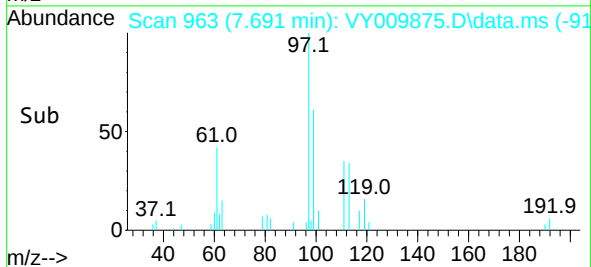
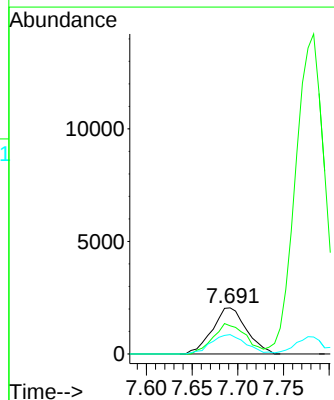
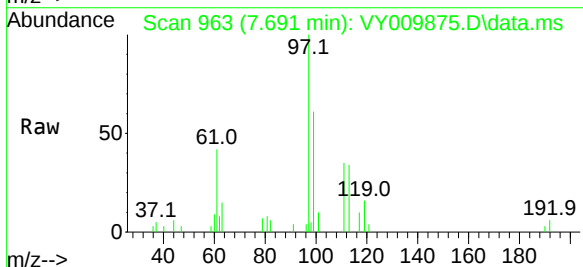
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

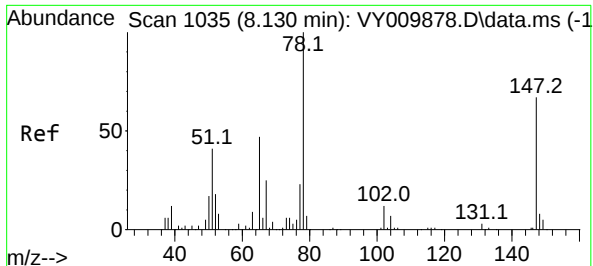
Tgt Ion: 56 Resp: 6585
Ion Ratio Lower Upper
56 100
69 58.5 26.0 39.0#
84 106.7 69.5 104.3#



#32
1,1,1-Trichloroethane
Concen: 5.325 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion: 97 Resp: 5299
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.8
61 43.0 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 5.599 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

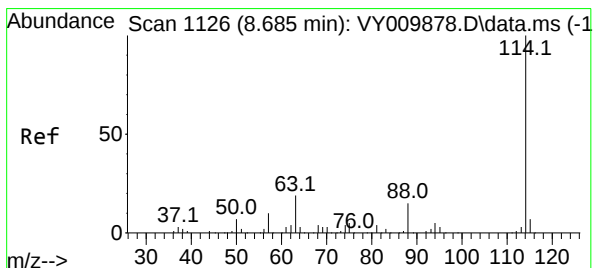
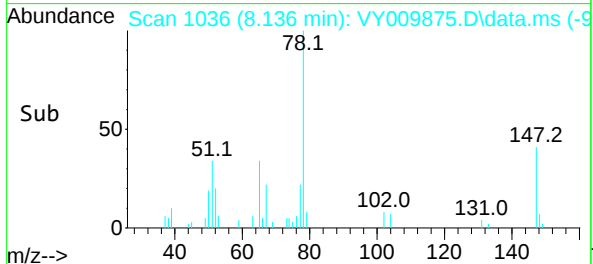
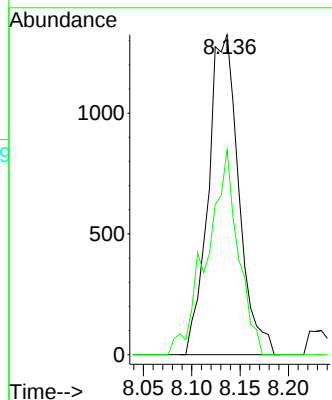
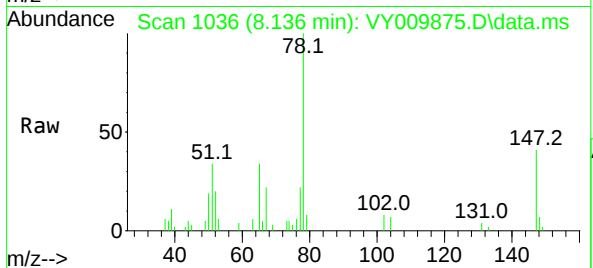
VSTDIC005

Tgt Ion: 65 Resp: 2904

Ion Ratio Lower Upper

65 100

67 65.7 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

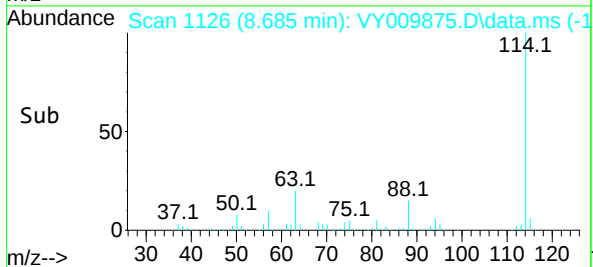
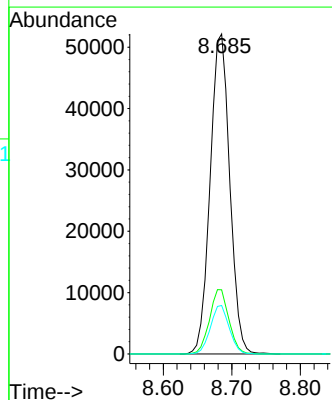
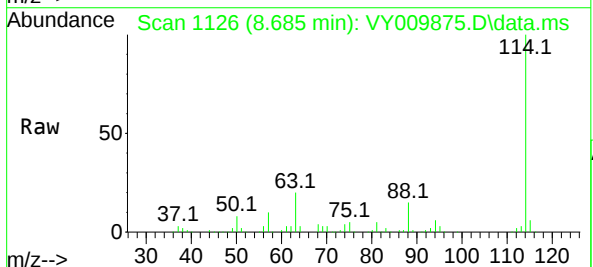
Tgt Ion: 114 Resp: 103426

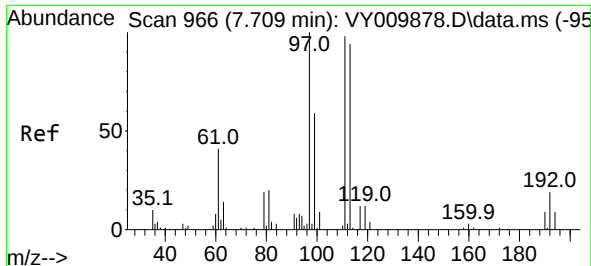
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.0

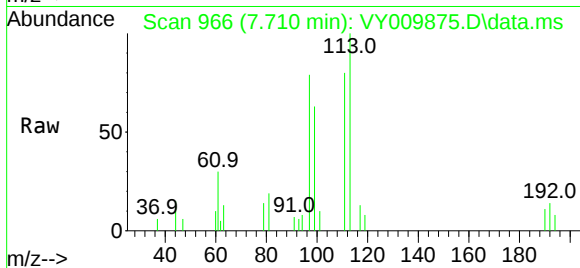
88 15.2 0.0 30.0



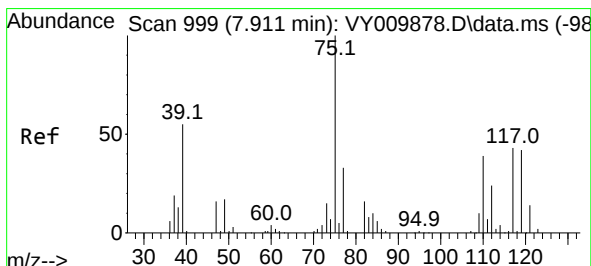
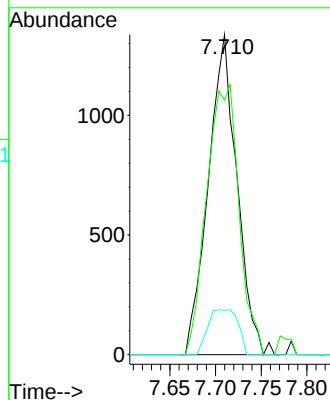
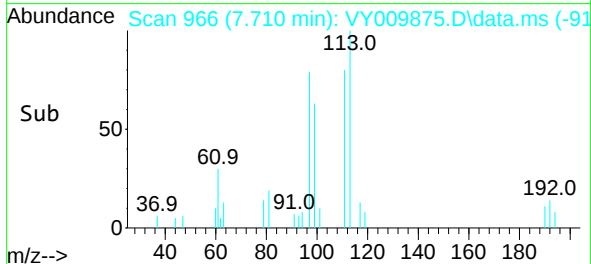


#35
Dibromofluoromethane
Concen: 5.248 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

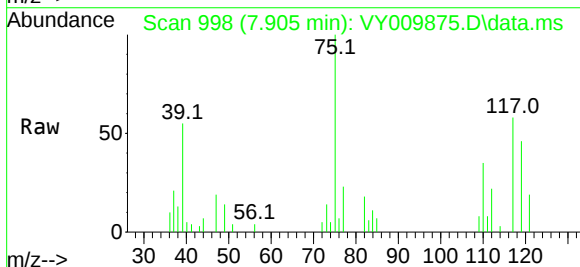
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



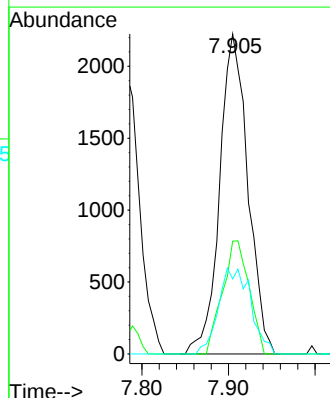
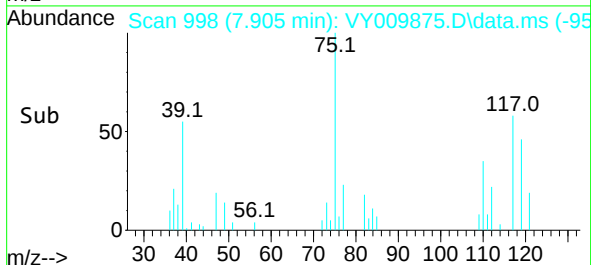
Tgt Ion:113 Resp: 2919
Ion Ratio Lower Upper
113 100
111 94.9 80.6 120.8
192 14.7 16.2 24.4#

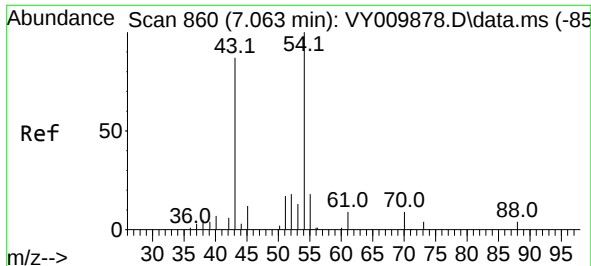


#36
1,1-Dichloropropene
Concen: 5.311 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27



Tgt Ion: 75 Resp: 5041
Ion Ratio Lower Upper
75 100
110 33.3 18.6 56.0
77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 6.117 ug/l

RT: 7.057 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

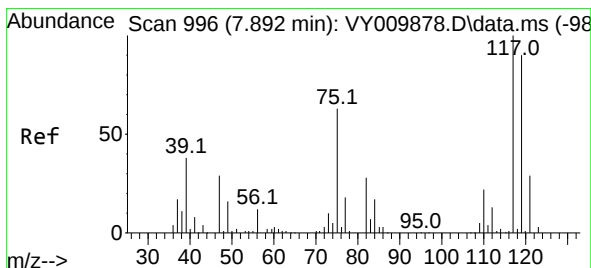
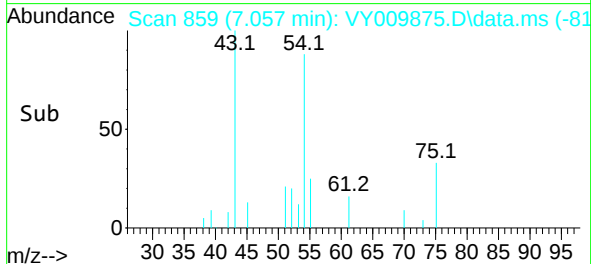
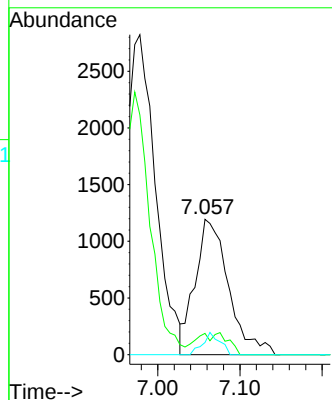
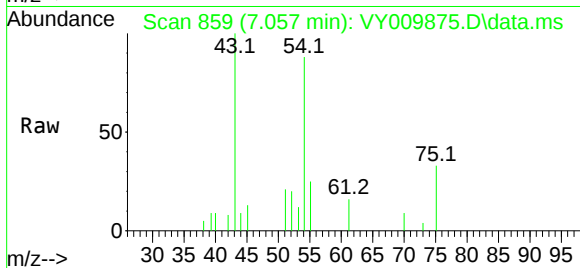
Tgt Ion: 43 Resp: 3378

Ion Ratio Lower Upper

43 100

61 0.0 11.2 16.8#

70 8.4 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 4.931 ug/l

RT: 7.887 min Scan# 995

Delta R.T. -0.006 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

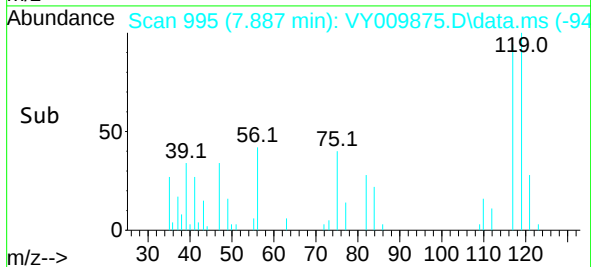
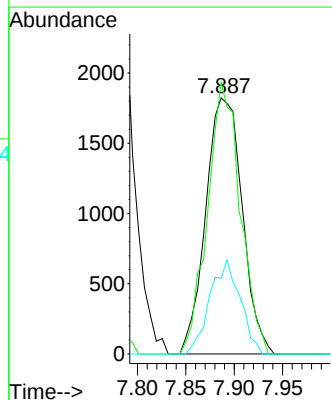
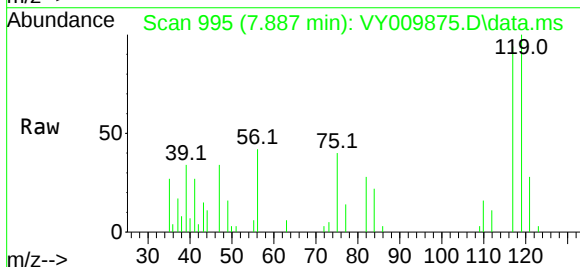
Tgt Ion: 117 Resp: 4779

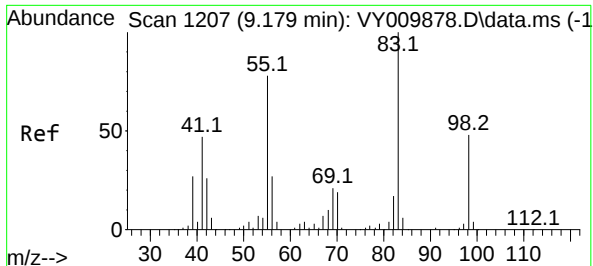
Ion Ratio Lower Upper

117 100

119 105.9 75.9 113.9

121 29.6 24.9 37.3





#39

Methylcyclohexane

Concen: 4.516 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

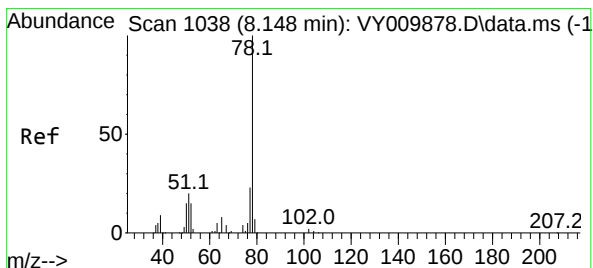
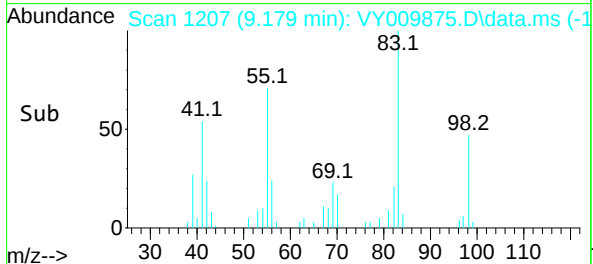
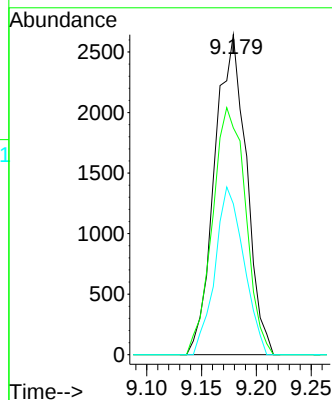
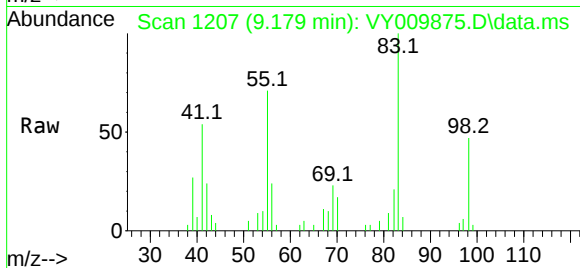
Tgt Ion: 83 Resp: 5321

Ion Ratio Lower Upper

83 100

55 70.9 56.7 85.1

98 47.1 39.9 59.9



#40

Benzene

Concen: 5.175 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY009875.D

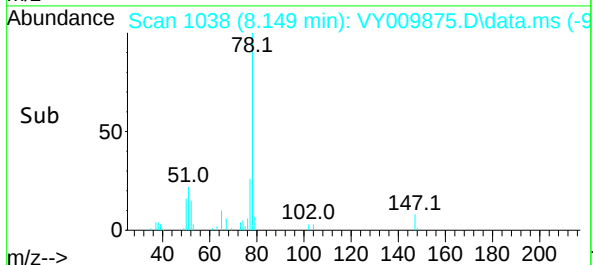
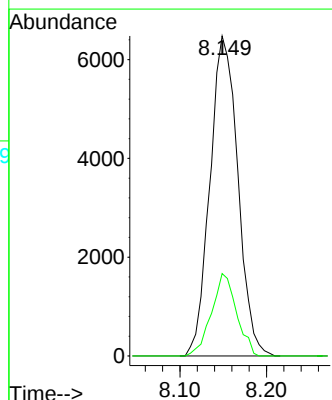
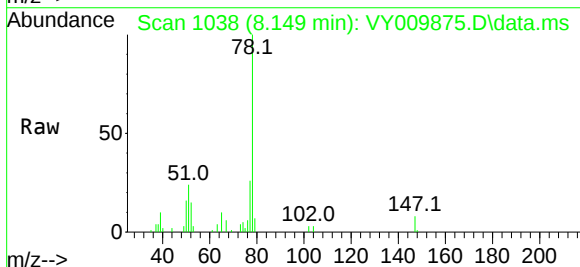
Acq: 08 Aug 2022 15:27

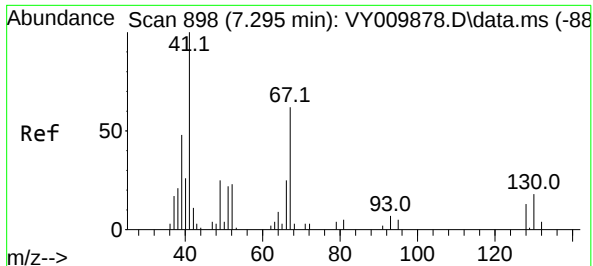
Tgt Ion: 78 Resp: 14478

Ion Ratio Lower Upper

78 100

77 25.7 19.4 29.0

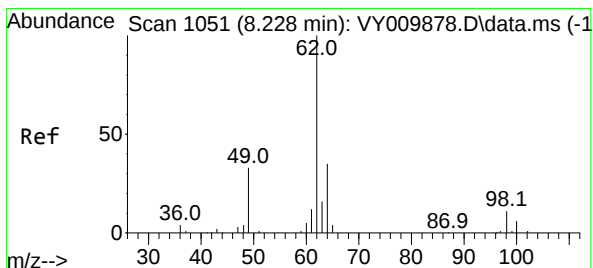
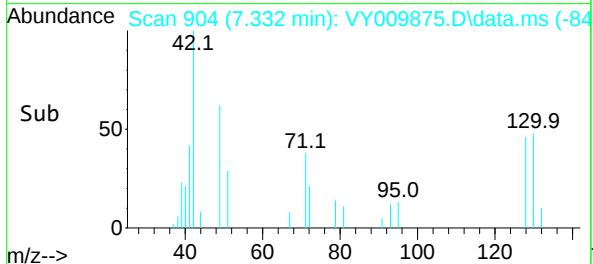
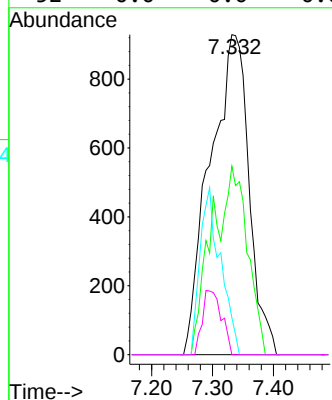
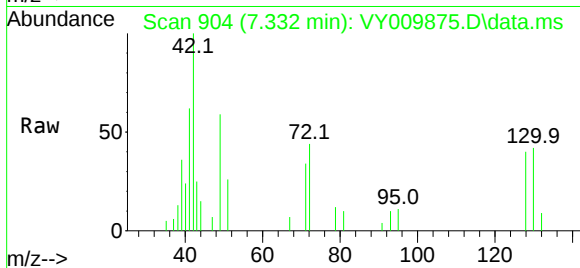




#41
Methacrylonitrile
Concen: 13.711 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.037 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

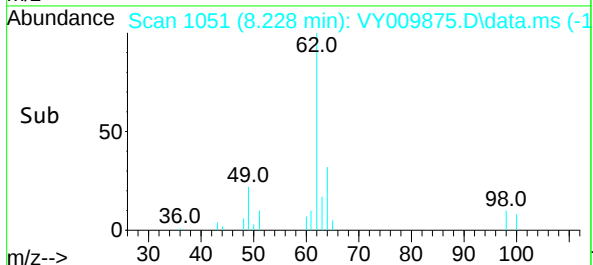
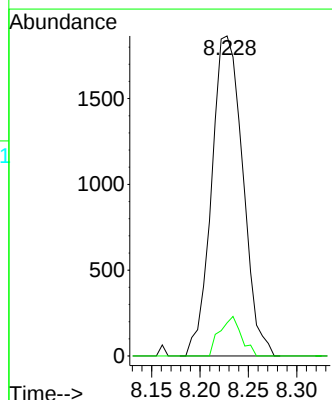
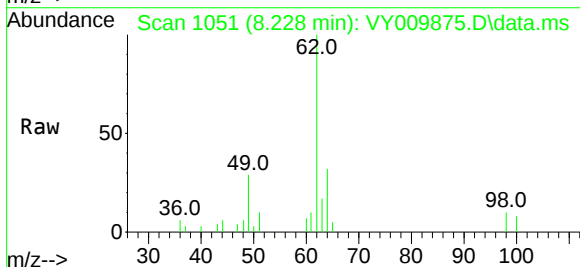
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

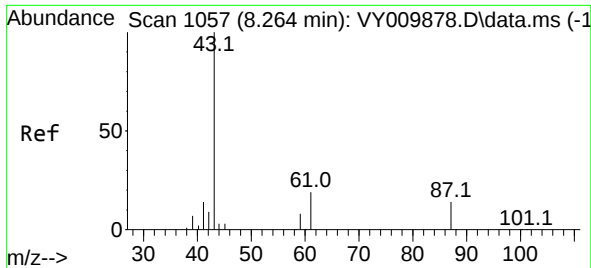
Tgt Ion:	41	Resp:	4116
Ion	Ratio	Lower	Upper
41	100		
39	34.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 5.363 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion:	62	Resp:	4188
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	20.6

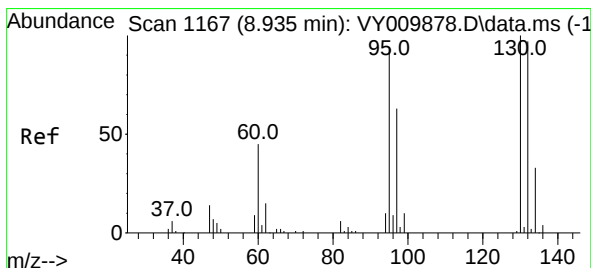
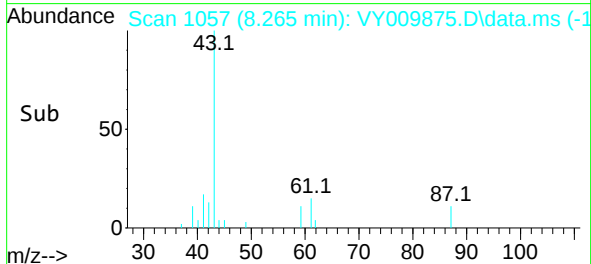
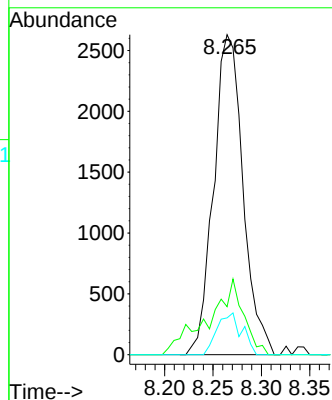
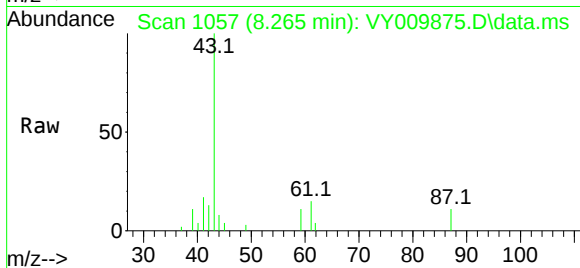




#43
Isopropyl Acetate
Concen: 5.437 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

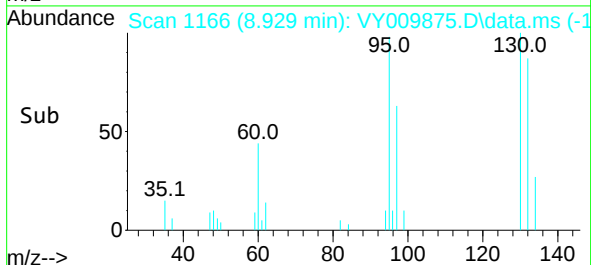
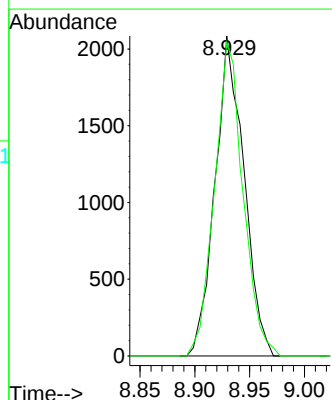
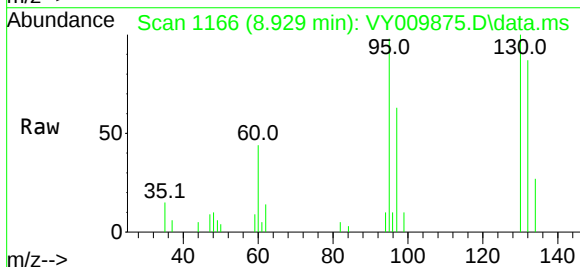
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

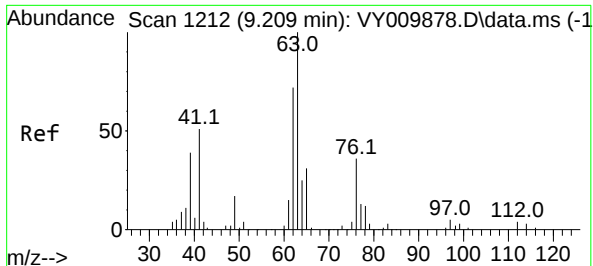
Tgt Ion: 43	Resp:	5546
Ion	Ratio	Lower Upper
43	100	
61	28.6	23.6 35.4
87	10.9	11.3 16.9



#44
Trichloroethene
Concen: 4.959 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion: 130	Resp:	3821
Ion	Ratio	Lower Upper
130	100	
95	98.0	0.0 194.6





#45

1,2-Dichloropropane

Concen: 5.675 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

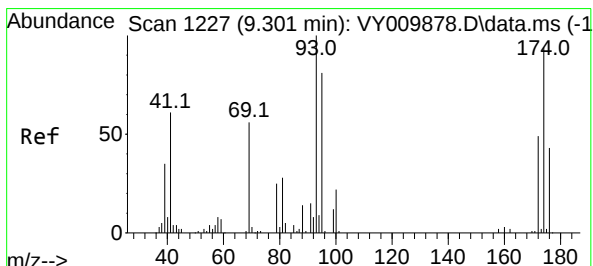
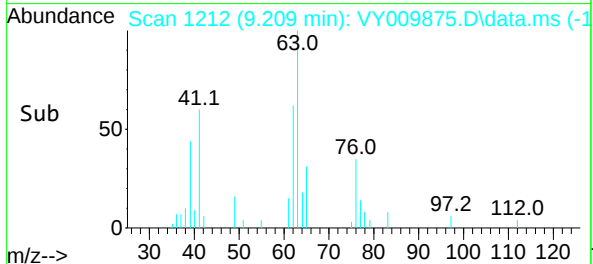
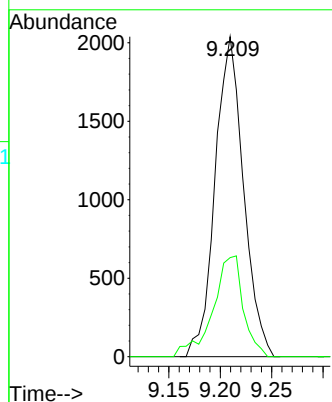
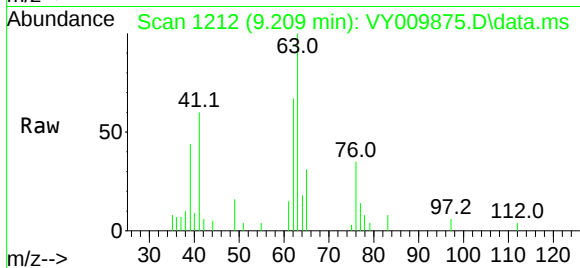
VSTDIC005

Tgt Ion: 63 Resp: 3917

Ion Ratio Lower Upper

63 100

65 30.9 23.7 35.5



#46

Dibromomethane

Concen: 5.036 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

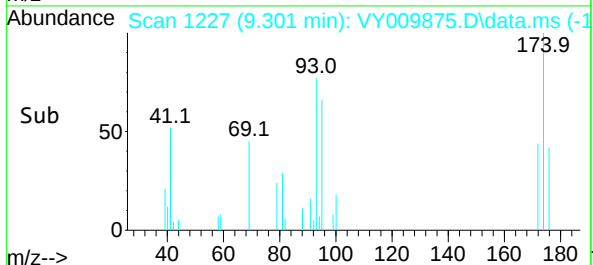
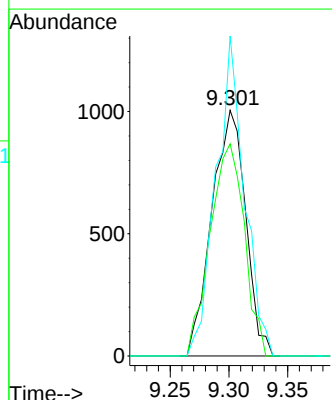
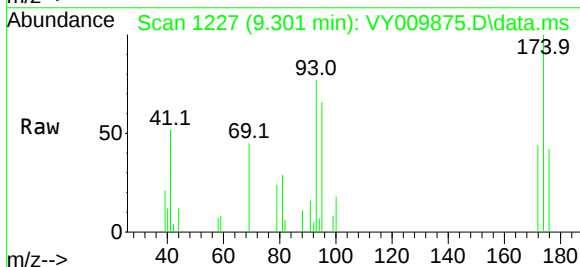
Tgt Ion: 93 Resp: 2009

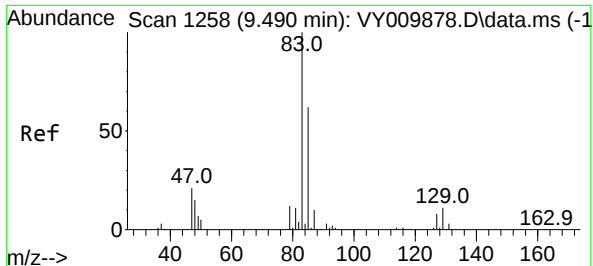
Ion Ratio Lower Upper

93 100

95 87.3 66.3 99.5

174 109.4 80.6 120.8





#47

Bromodichloromethane

Concen: 5.360 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

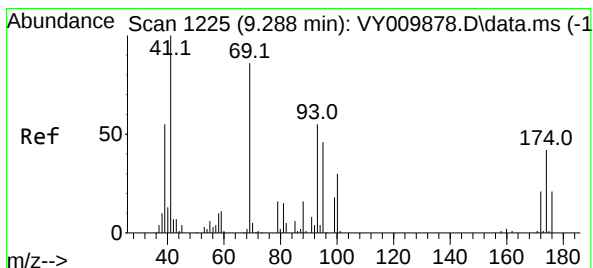
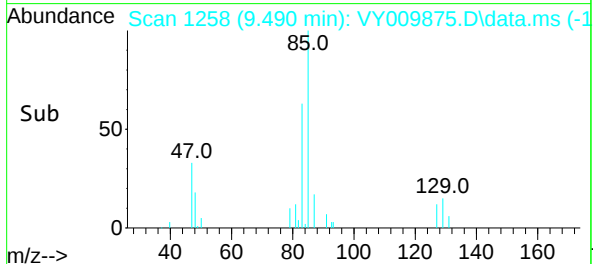
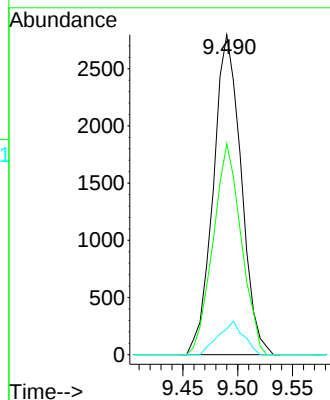
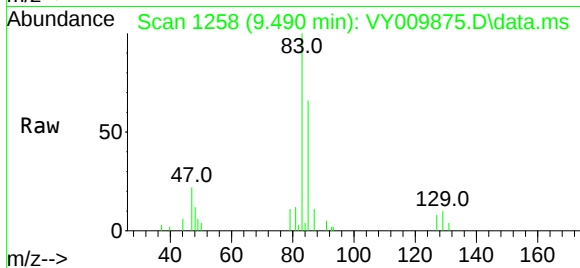
Tgt Ion: 83 Resp: 4943

Ion Ratio Lower Upper

83 100

85 65.9 51.2 76.8

127 8.0 7.1 10.7



#48

Methyl methacrylate

Concen: 5.680 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

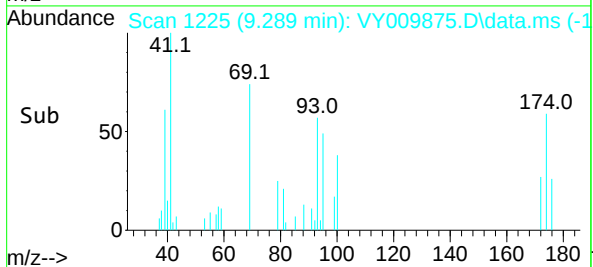
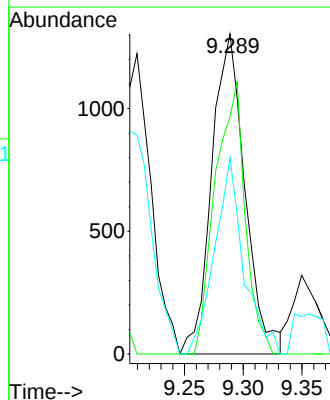
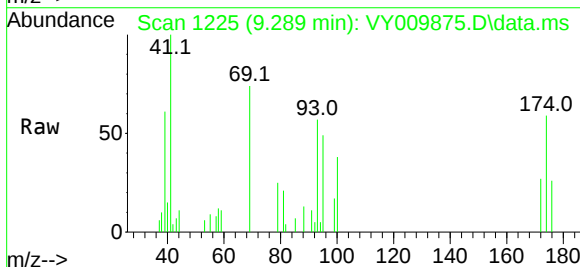
Tgt Ion: 41 Resp: 2570

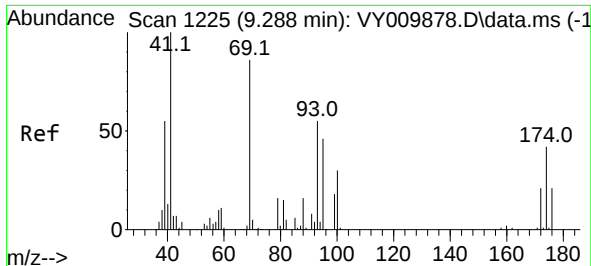
Ion Ratio Lower Upper

41 100

69 76.2 73.2 109.8

39 53.5 47.5 71.3





#49

1,4-Dioxane

Concen: 64.445 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

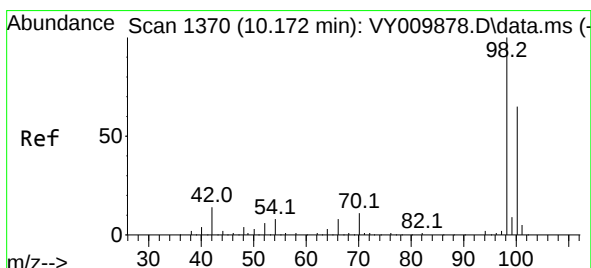
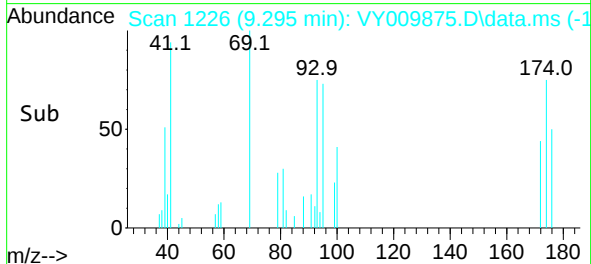
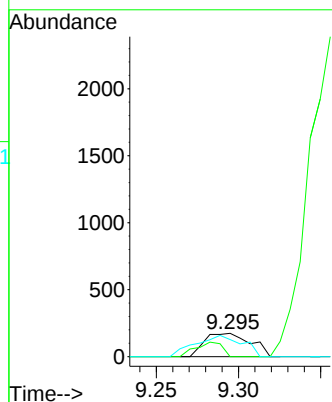
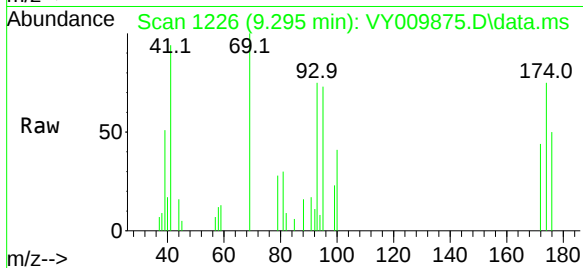
Tgt Ion: 88 Resp: 340

Ion Ratio Lower Upper

88 100

43 0.0 26.3 39.5#

58 92.9 52.6 79.0#



#50

Toluene-d8

Concen: 4.993 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY009875.D

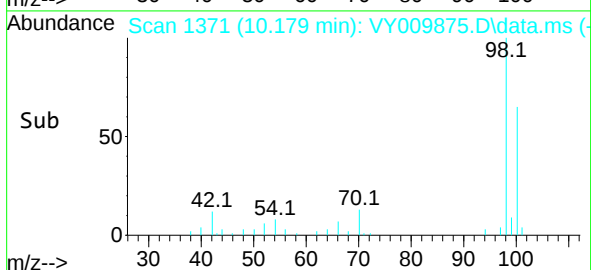
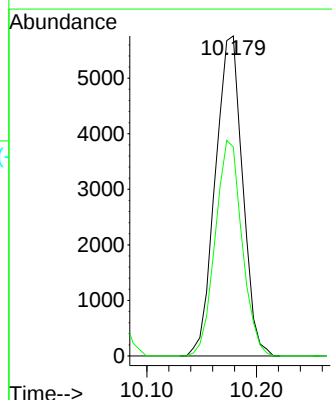
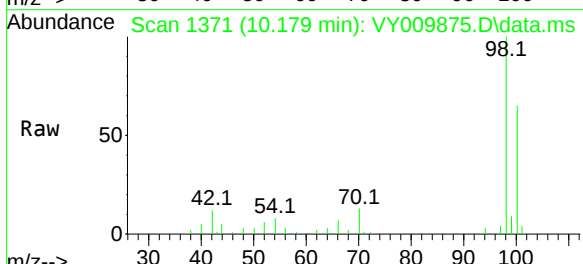
Acq: 08 Aug 2022 15:27

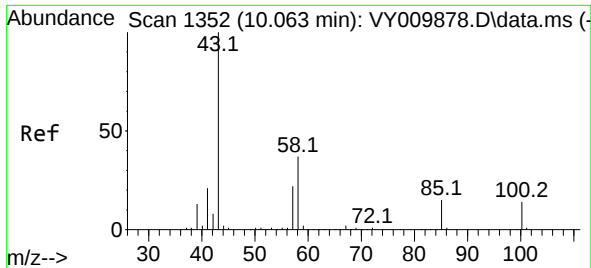
Tgt Ion: 98 Resp: 9954

Ion Ratio Lower Upper

98 100

100 66.2 52.9 79.3

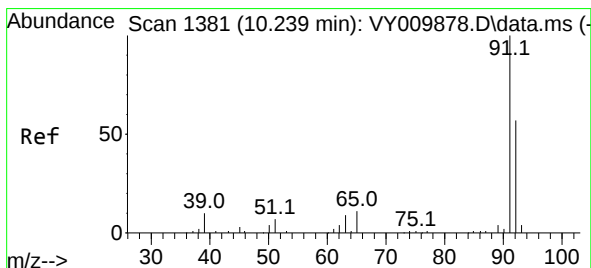
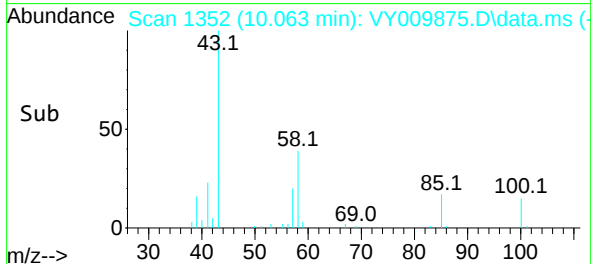
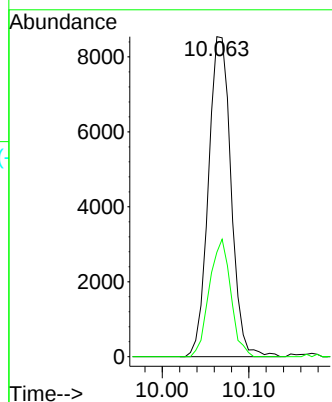
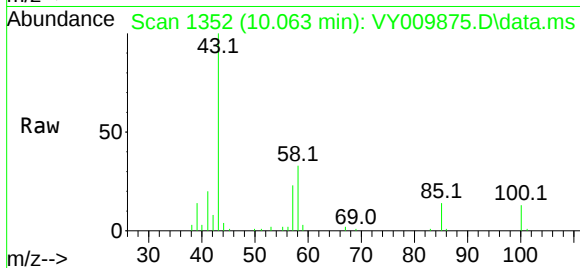




#51
4-Methyl-2-Pentanone
Concen: 29.491 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

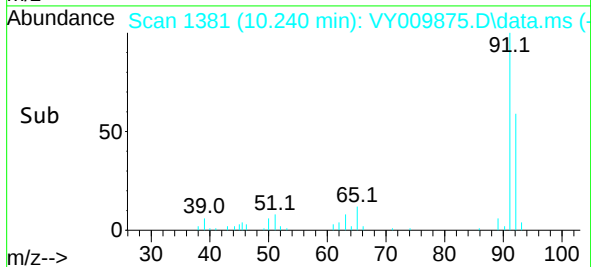
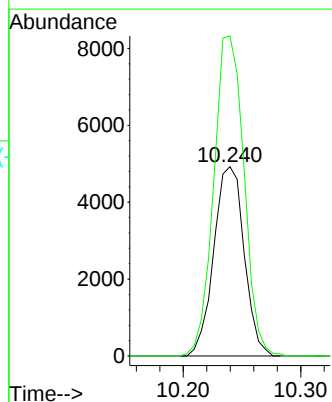
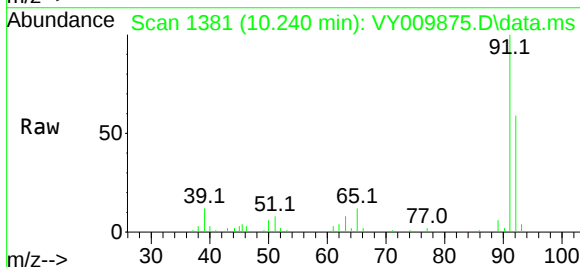
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

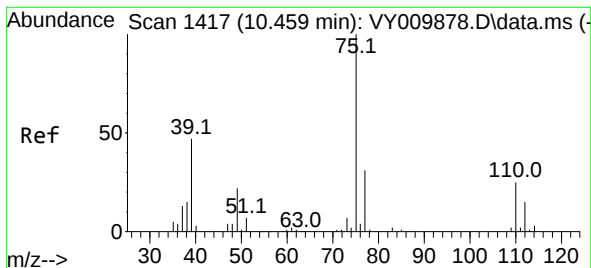
Tgt Ion: 43 Resp: 15503
Ion Ratio Lower Upper
43 100
58 34.8 31.5 47.3



#52
Toluene
Concen: 5.100 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion: 92 Resp: 8832
Ion Ratio Lower Upper
92 100
91 168.5 138.7 208.1

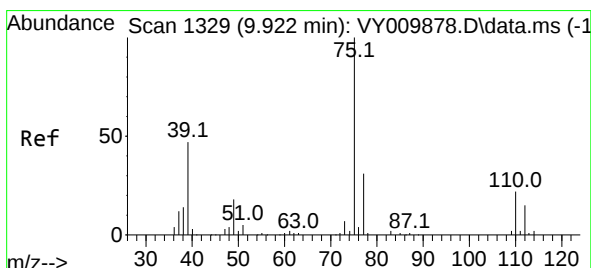
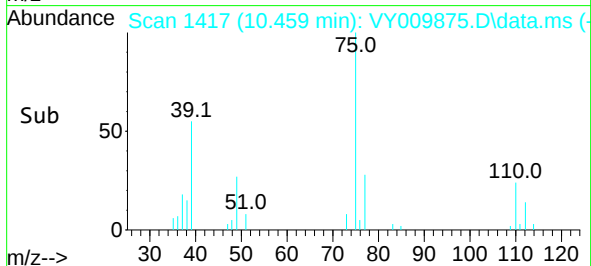
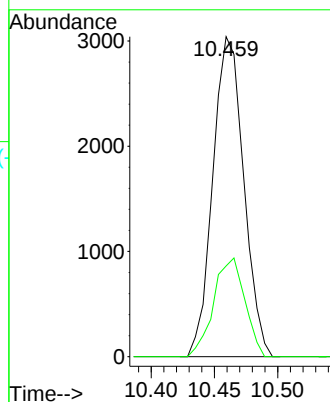
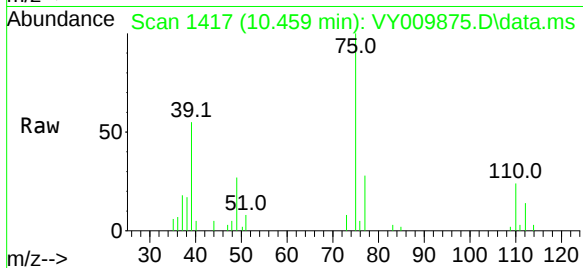




#53
 t-1,3-Dichloropropene
 Concen: 5.281 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY009875.D
 Acq: 08 Aug 2022 15:27

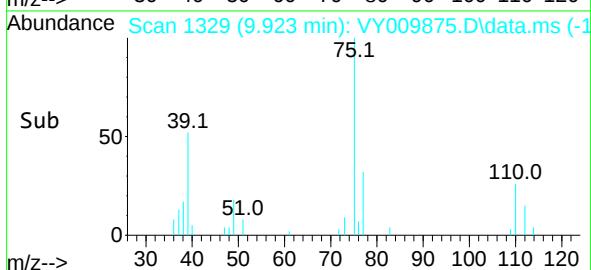
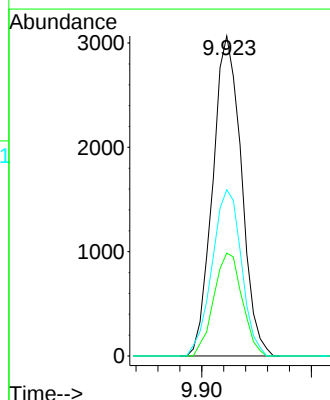
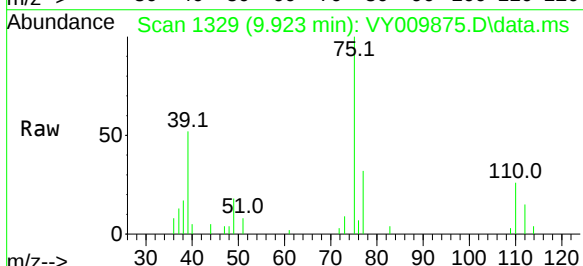
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

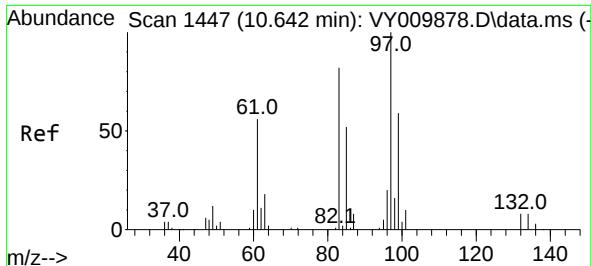
Tgt Ion: 75 Resp: 5160
 Ion Ratio Lower Upper
 75 100
 77 28.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 4.988 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY009875.D
 Acq: 08 Aug 2022 15:27

Tgt Ion: 75 Resp: 5562
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.2 37.8
 39 52.0 35.8 53.8

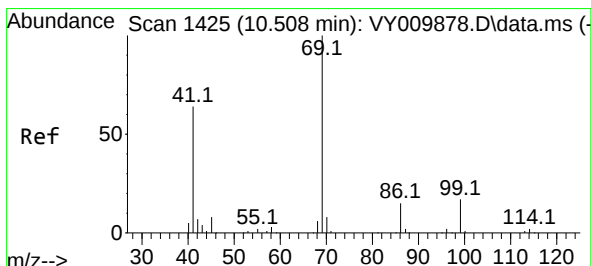
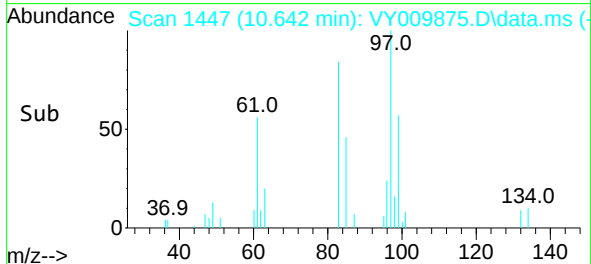
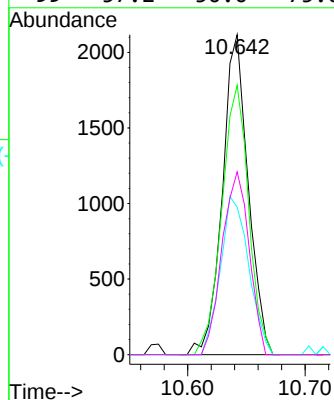
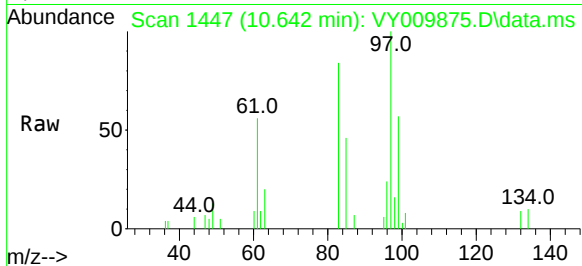




#55
1,1,2-Trichloroethane
Concen: 5.867 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

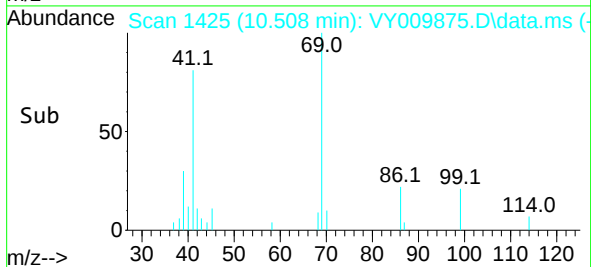
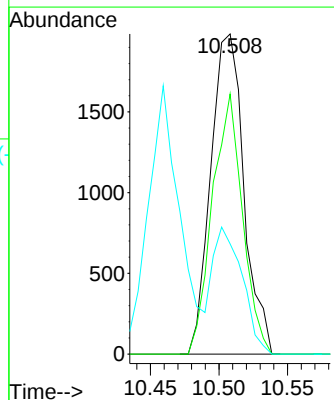
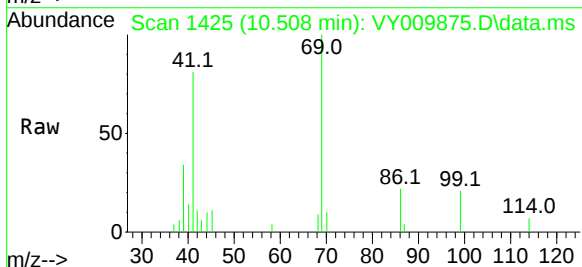
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

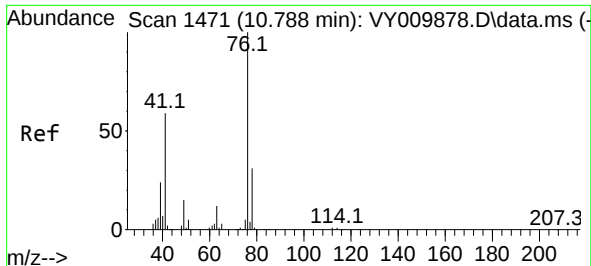
Tgt Ion: 97	Resp: 3238
Ion Ratio	Lower Upper
97 100	
83 84.2	66.9 100.3
85 46.1	44.2 66.4
99 57.2	50.0 75.0



#56
Ethyl methacrylate
Concen: 4.539 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion: 69	Resp: 3335		
Ion Ratio	Lower	Upper	
69 100			
41 73.9	50.4	75.6	
39 35.2	27.6	41.4	





#57

1,3-Dichloropropane

Concen: 5.342 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

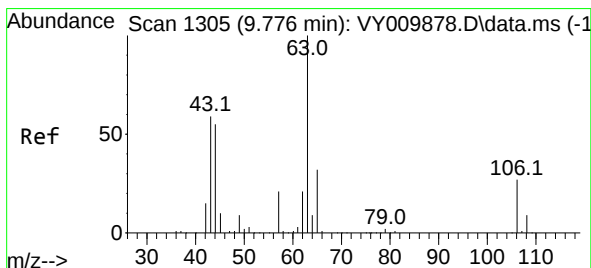
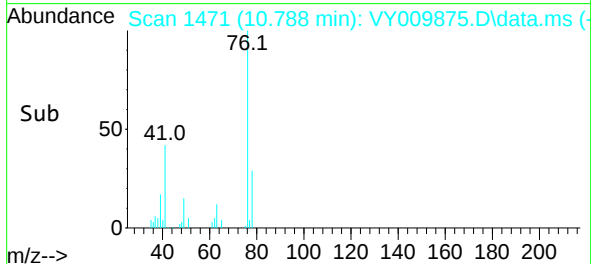
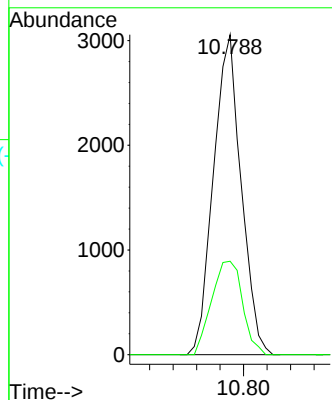
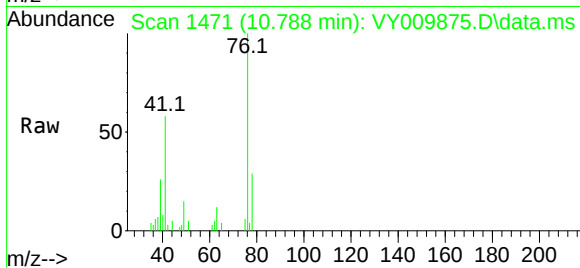
VSTDIC005

Tgt Ion: 76 Resp: 5003

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 21.278 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009875.D

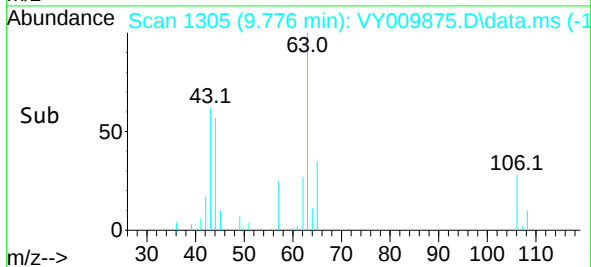
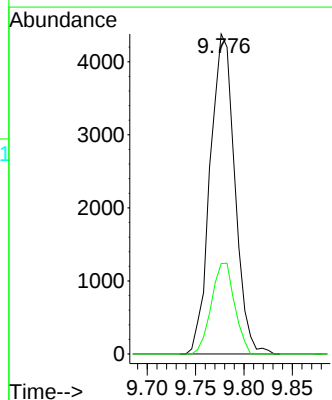
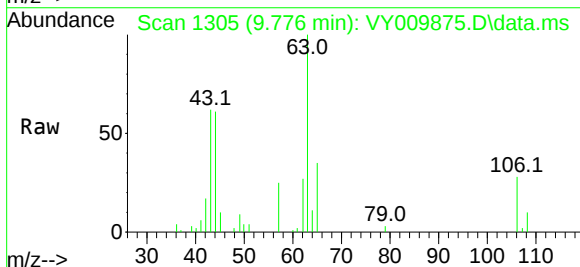
Acq: 08 Aug 2022 15:27

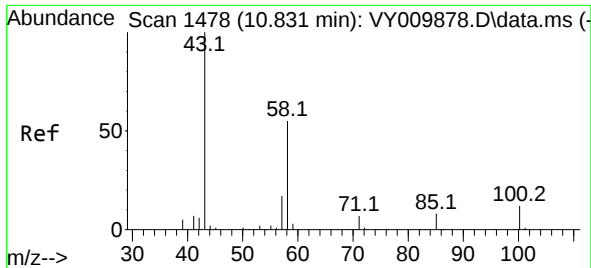
Tgt Ion: 63 Resp: 7764

Ion Ratio Lower Upper

63 100

106 26.7 23.3 34.9

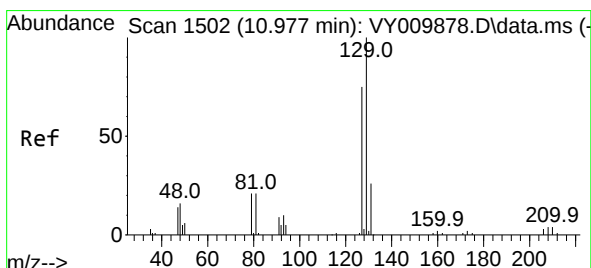
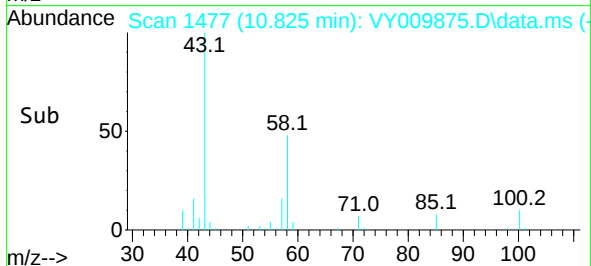
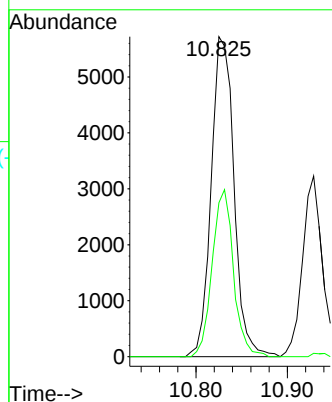
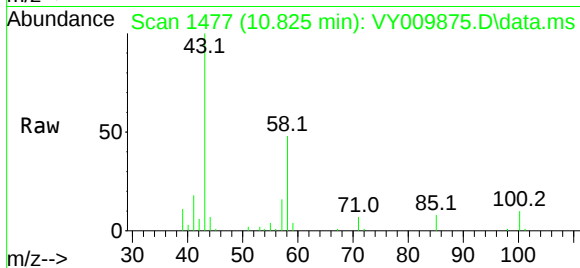




#59
2-Hexanone
Concen: 27.024 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

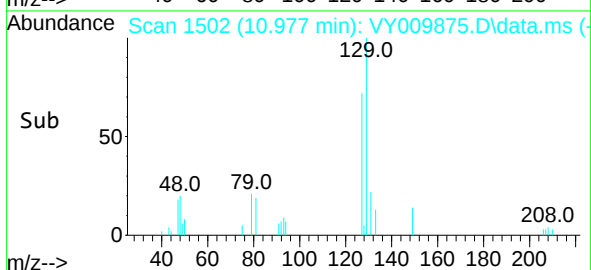
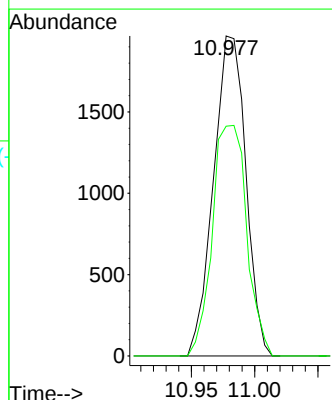
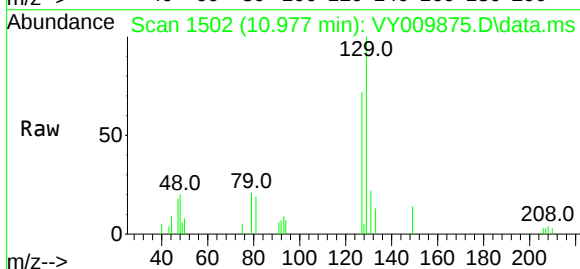
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

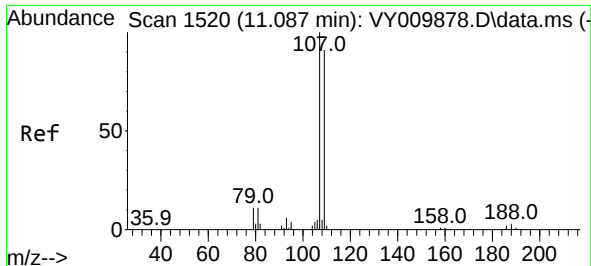
Tgt Ion: 43 Resp: 9904
Ion Ratio Lower Upper
43 100
58 48.7 27.6 82.8



#60
Dibromochloromethane
Concen: 5.292 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion: 129 Resp: 3494
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4

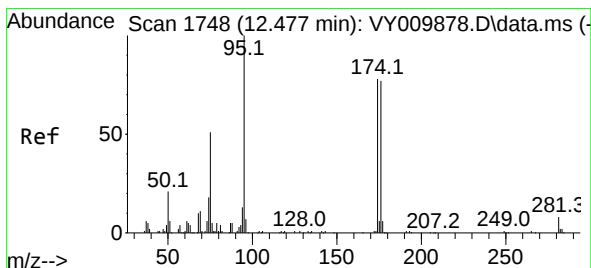
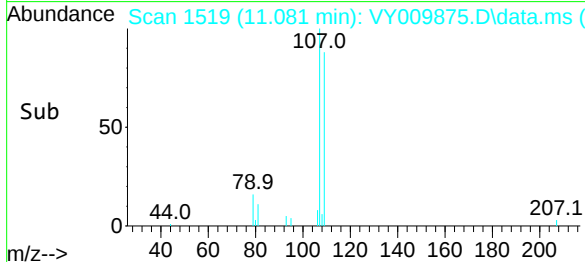
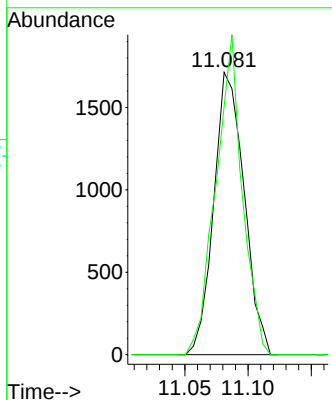
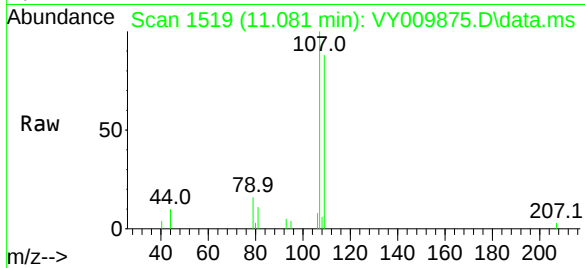




#61
1,2-Dibromoethane
Concen: 5.330 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

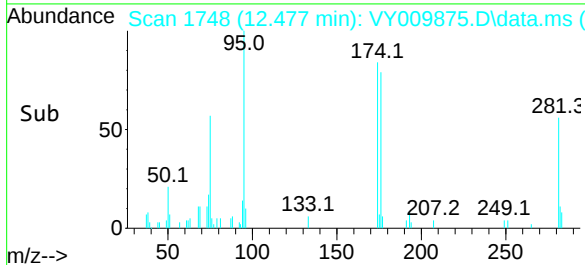
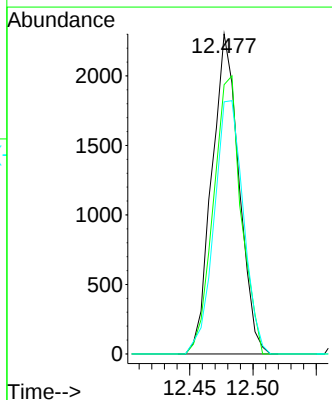
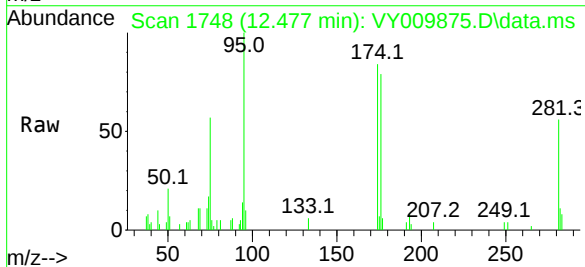
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

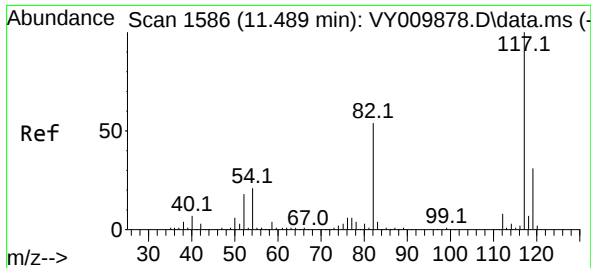
Tgt Ion:107 Resp: 2864
Ion Ratio Lower Upper
107 100
109 99.2 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 4.260 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion: 95 Resp: 3424
Ion Ratio Lower Upper
95 100
174 89.0 0.0 173.8
176 85.3 0.0 167.0

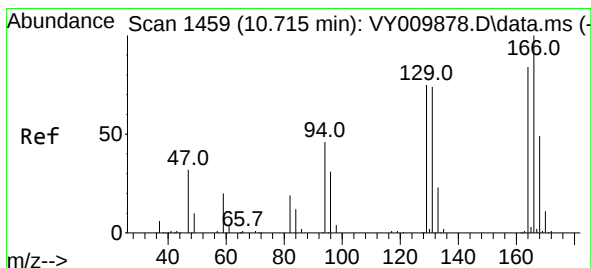
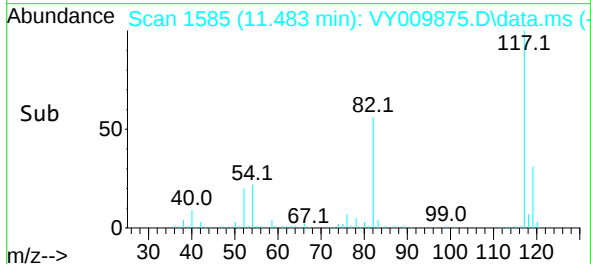
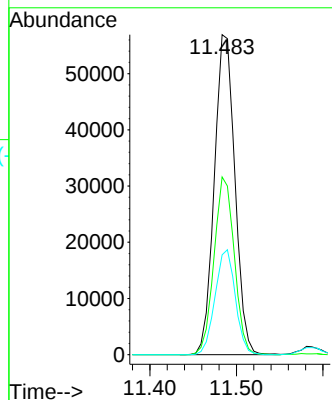
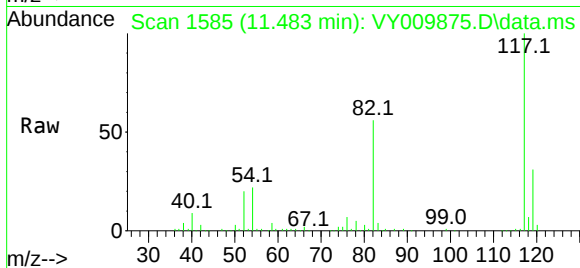




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

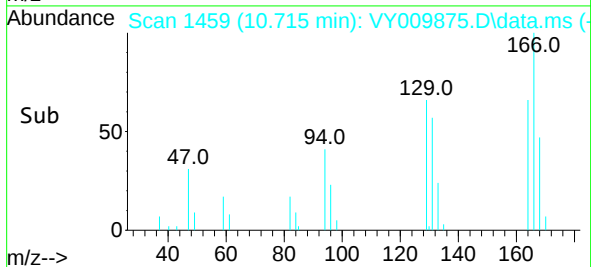
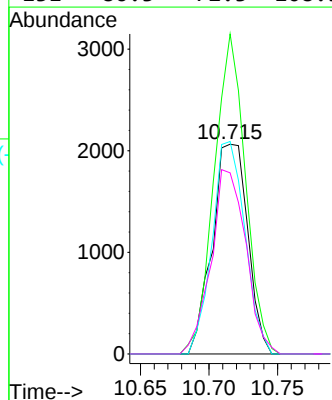
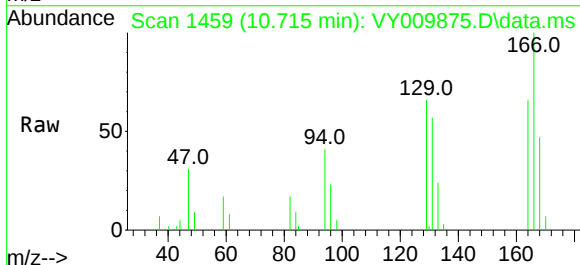
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

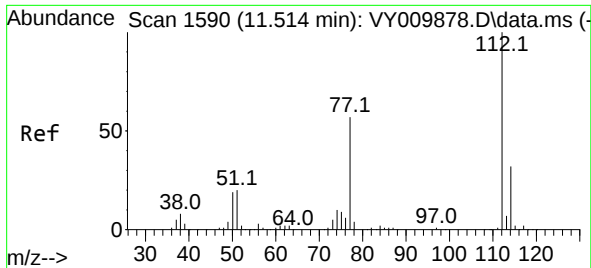
Tgt Ion:117 Resp: 94139
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.6
119 31.2 25.6 38.4



#64
Tetrachloroethene
Concen: 4.643 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion:164 Resp: 3716
Ion Ratio Lower Upper
164 100
166 152.5 104.9 157.3
129 101.3 76.5 114.7
131 86.3 72.3 108.5

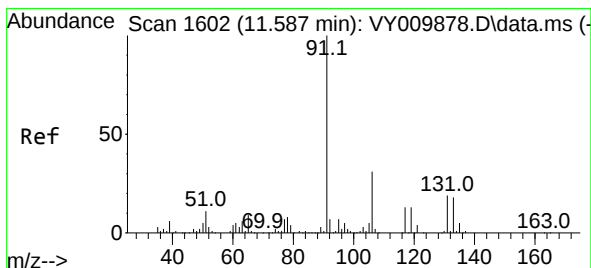
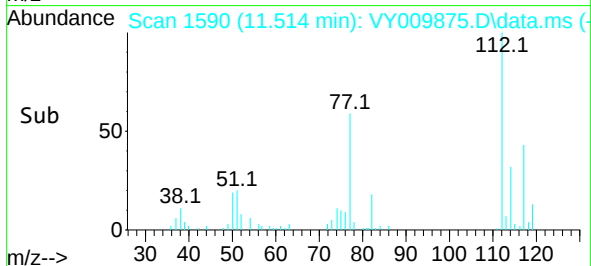
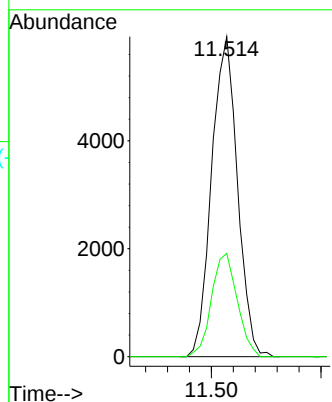
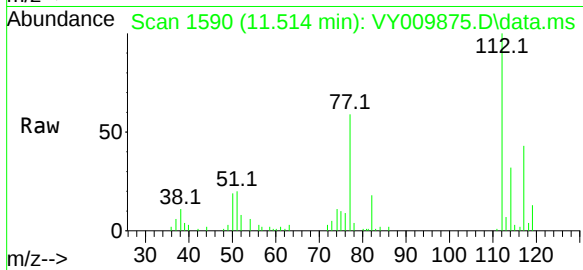




#65
Chlorobenzene
Concen: 5.161 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

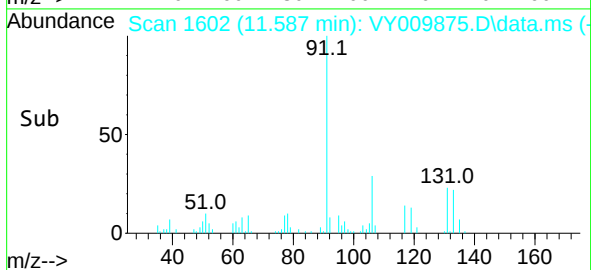
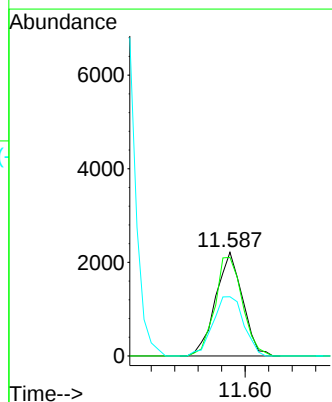
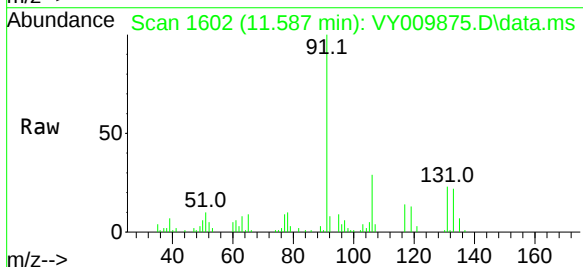
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

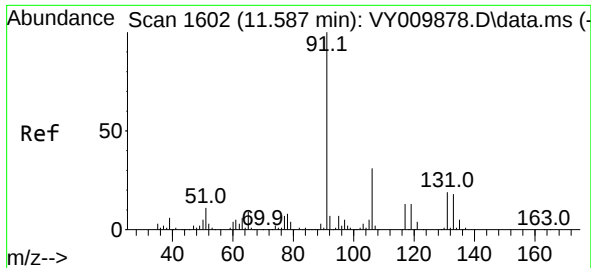
Tgt Ion:112 Resp: 9687
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 5.238 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion:131 Resp: 3521
Ion Ratio Lower Upper
131 100
133 97.6 47.3 142.0
119 65.4 32.1 96.3

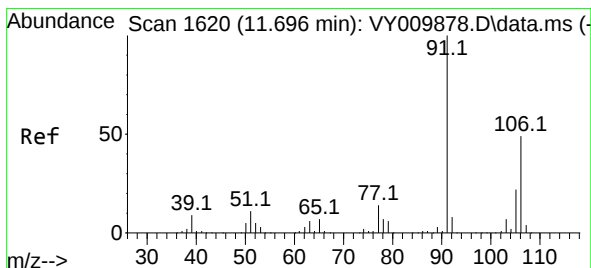
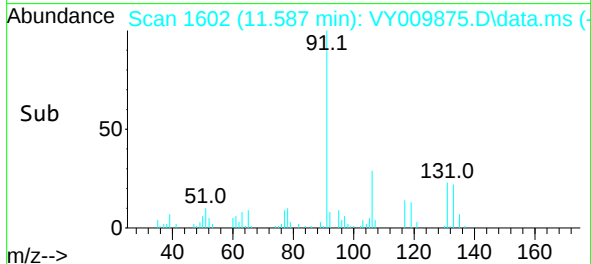
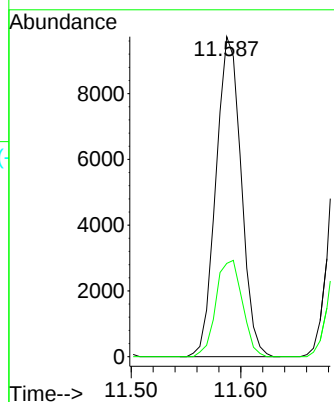
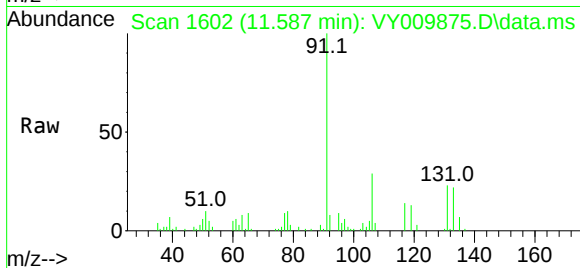




#67
Ethyl Benzene
Concen: 4.649 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

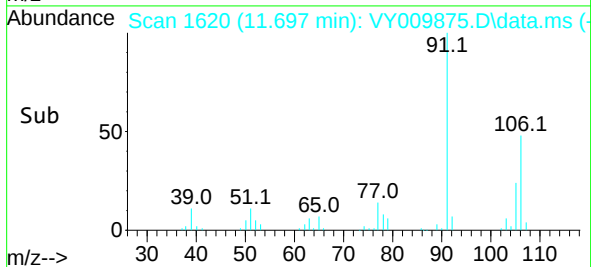
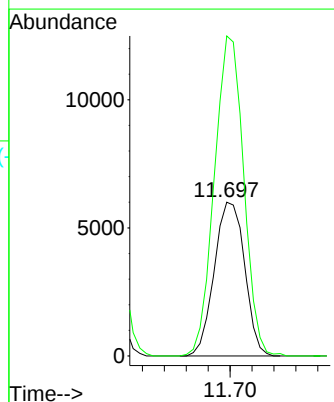
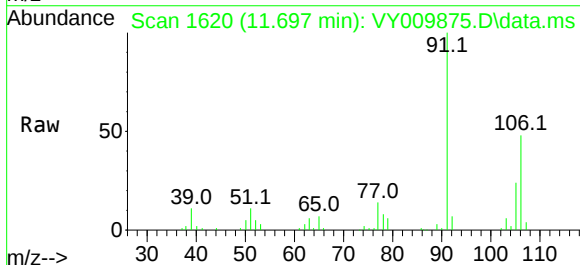
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

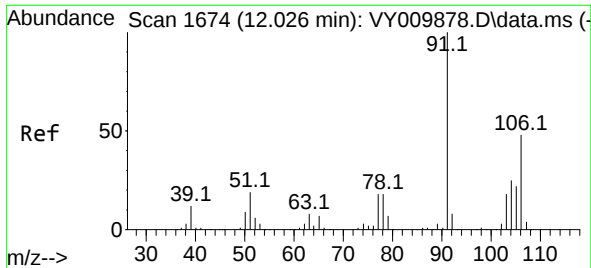
Tgt Ion: 91 Resp: 15534
Ion Ratio Lower Upper
91 100
106 29.2 26.2 39.4



#68
m/p-Xylenes
Concen: 8.870 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion:106 Resp: 11567
Ion Ratio Lower Upper
106 100
91 200.8 156.2 234.2

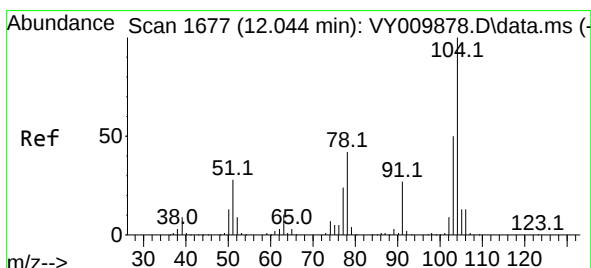
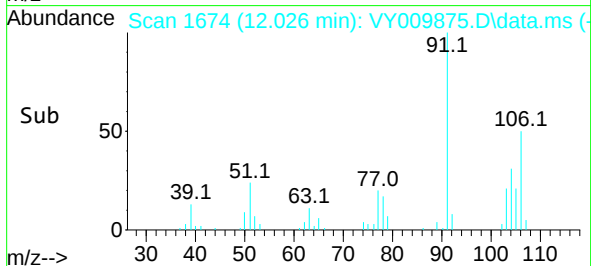
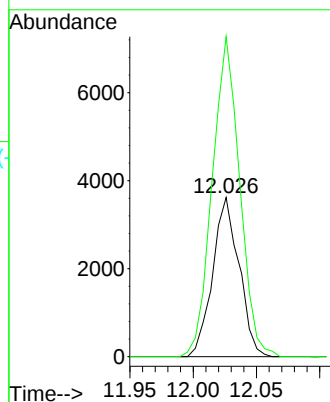
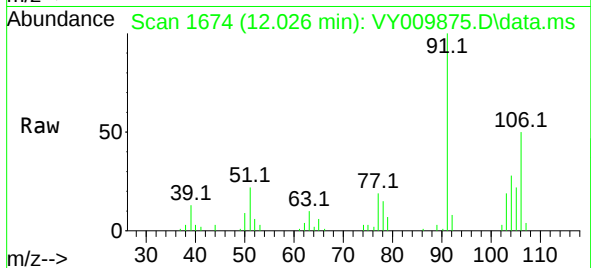




#69
o-Xylene
Concen: 4.280 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

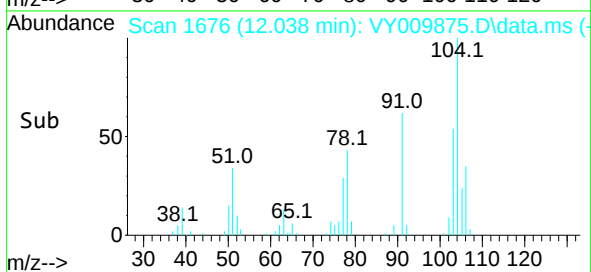
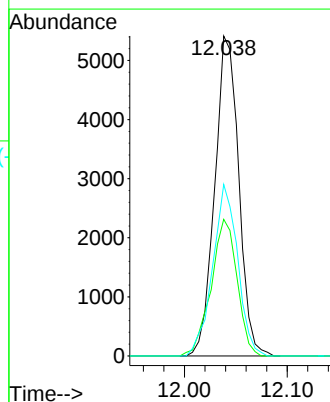
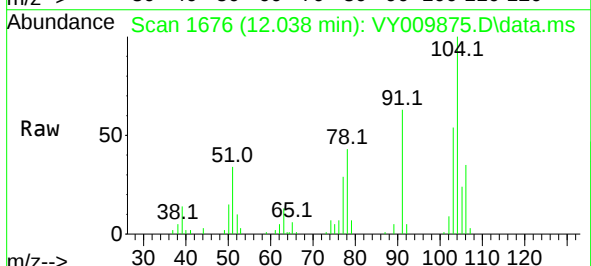
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

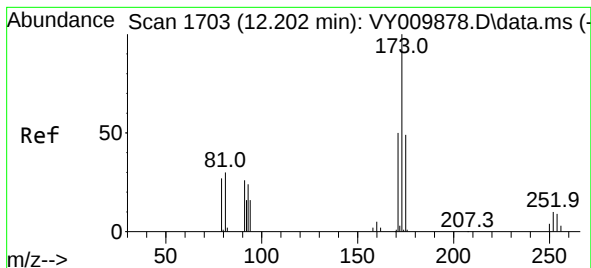
Tgt Ion:106 Resp: 5256
Ion Ratio Lower Upper
106 100
91 208.4 103.2 309.4



#70
Styrene
Concen: 4.295 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion:104 Resp: 8777
Ion Ratio Lower Upper
104 100
78 46.3 38.6 57.8
103 55.8 43.3 64.9





#71

Bromoform

Concen: 5.034 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

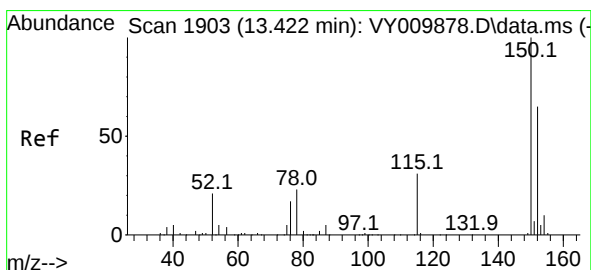
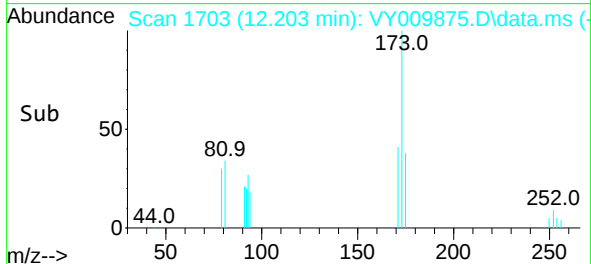
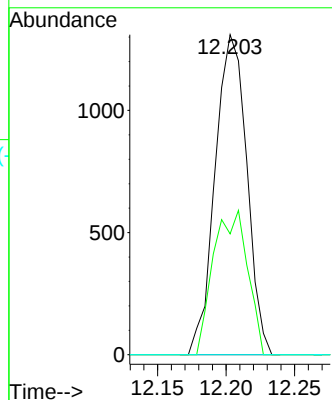
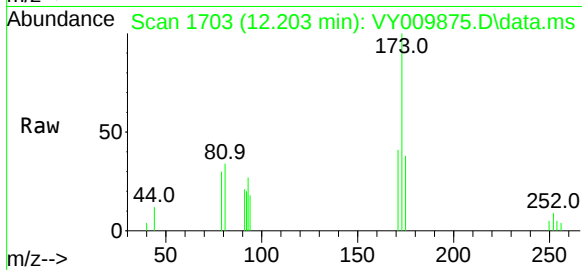
Tgt Ion:173 Resp: 2109

Ion Ratio Lower Upper

173 100

175 48.6 24.4 73.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

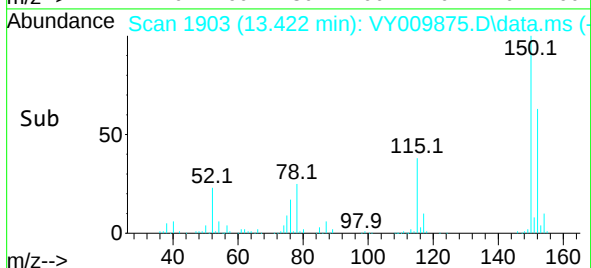
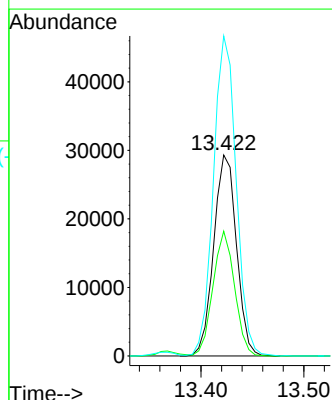
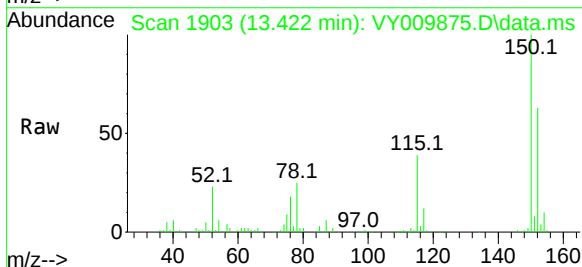
Tgt Ion:152 Resp: 45037

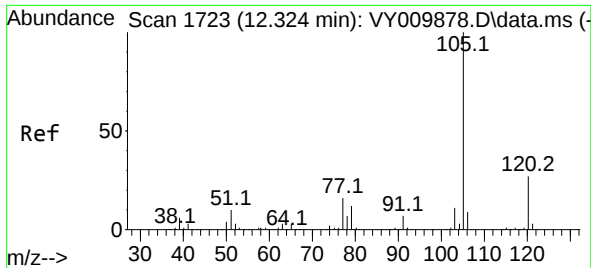
Ion Ratio Lower Upper

152 100

115 58.8 28.6 85.9

150 159.3 0.0 349.8

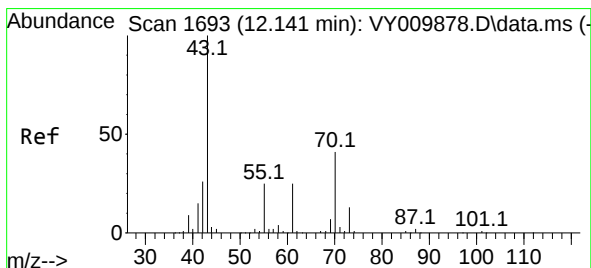
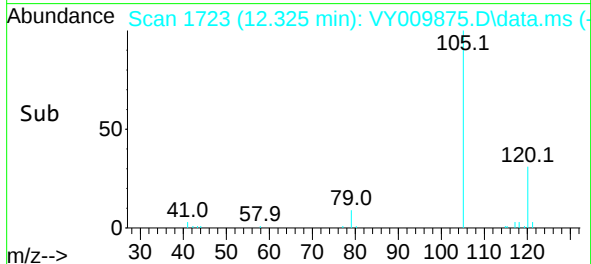
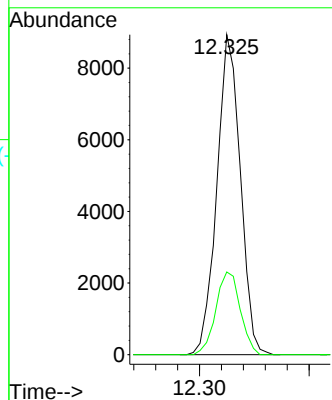
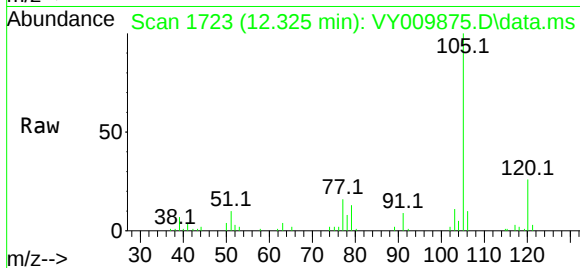




#73
Isopropylbenzene
Concen: 4.273 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

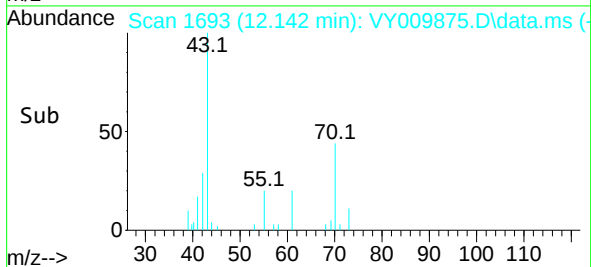
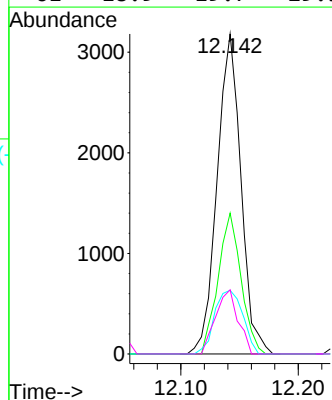
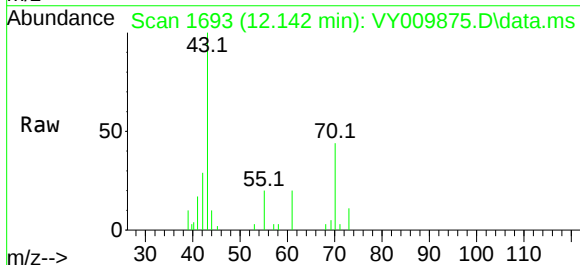
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

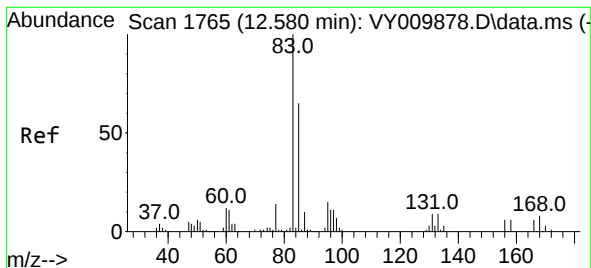
Tgt Ion:105 Resp: 13302
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.1



#74
N-ethyl acetate
Concen: 5.169 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion: 43 Resp: 4487
Ion Ratio Lower Upper
43 100
70 42.4 35.6 53.4
55 23.5 19.5 29.3
61 18.9 19.7 29.5#

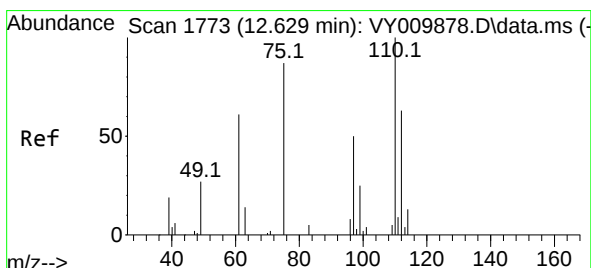
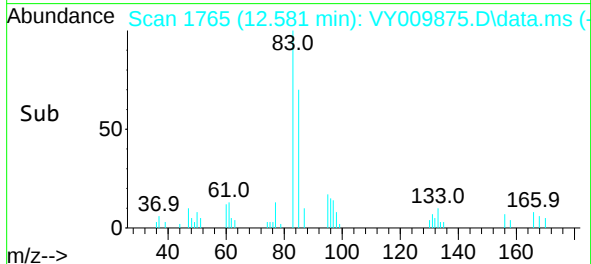
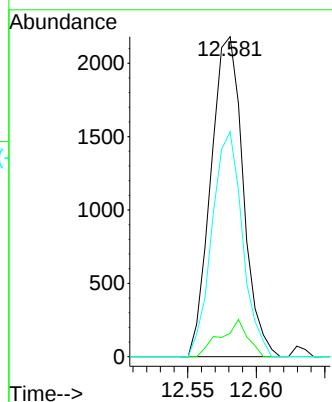
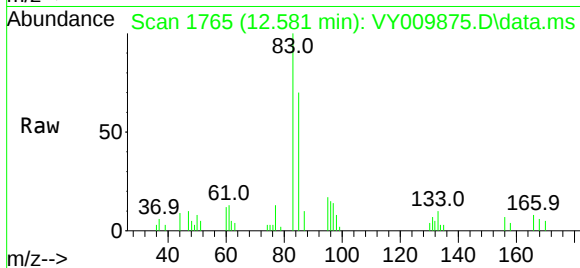




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.932 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY009875.D
 Acq: 08 Aug 2022 15:27

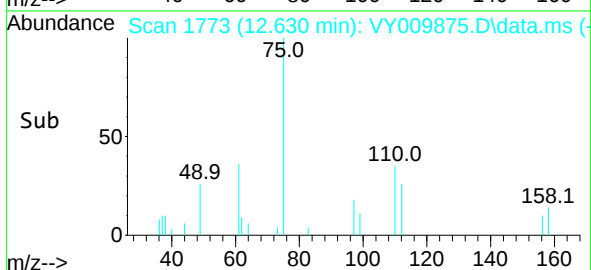
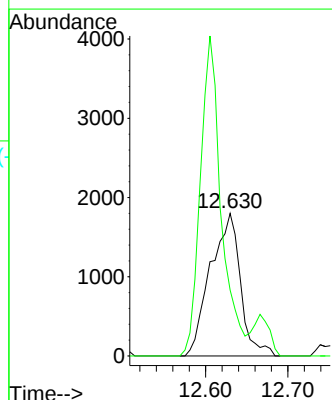
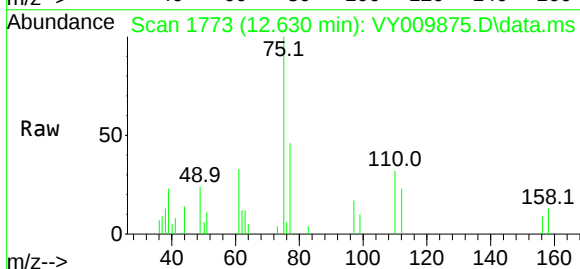
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

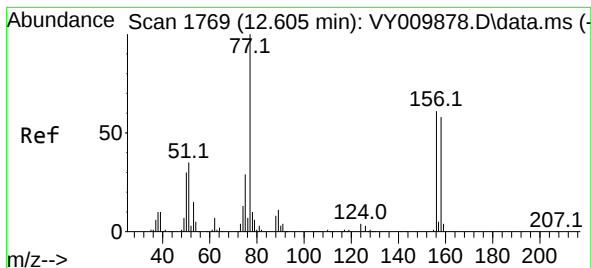
Tgt Ion: 83 Resp: 3566
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.4 16.2
 85 66.3 32.8 98.4



#76
 1,2,3-Trichloropropane
 Concen: 10.147 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY009875.D
 Acq: 08 Aug 2022 15:27

Tgt Ion: 75 Resp: 4567
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.822 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

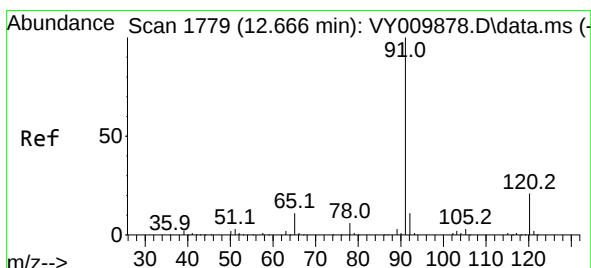
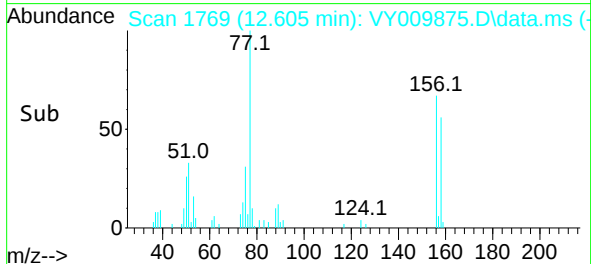
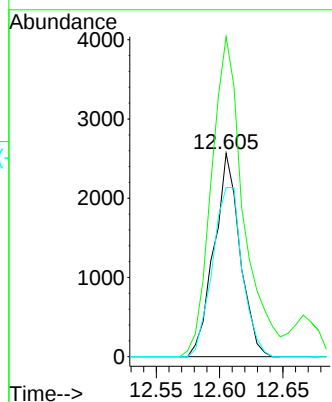
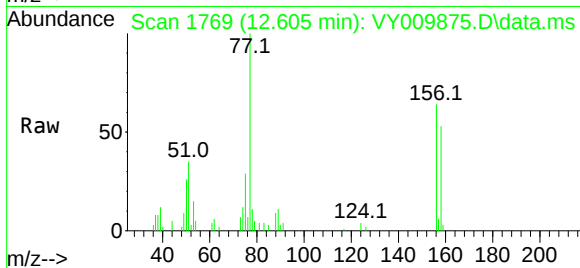
Tgt Ion:156 Resp: 3657

Ion Ratio Lower Upper

156 100

77 194.3 88.1 264.3

158 95.7 48.6 145.8



#78

n-propylbenzene

Concen: 4.462 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009875.D

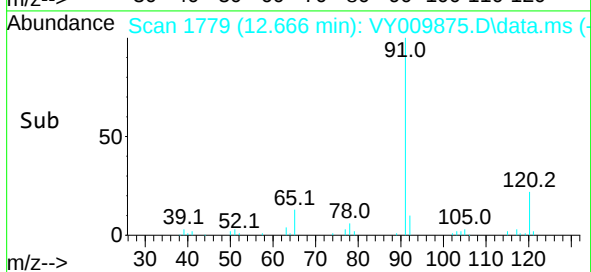
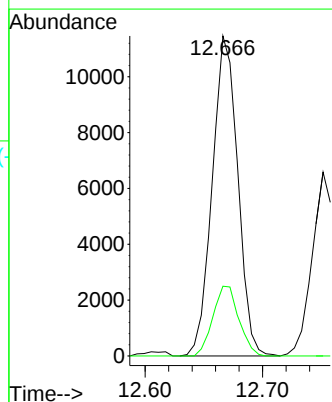
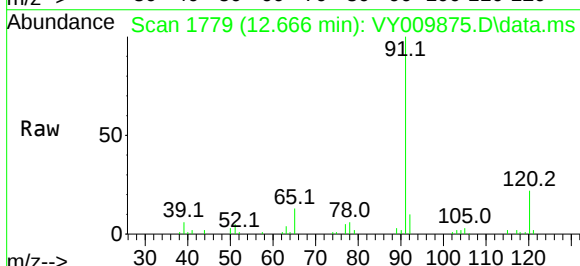
Acq: 08 Aug 2022 15:27

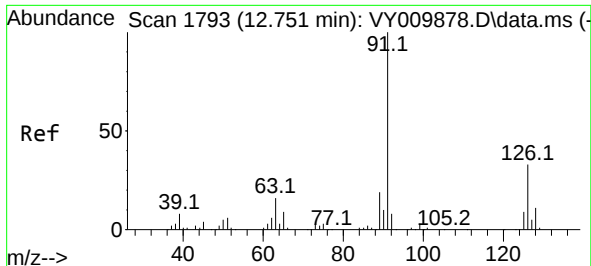
Tgt Ion: 91 Resp: 17314

Ion Ratio Lower Upper

91 100

120 22.1 11.9 35.5

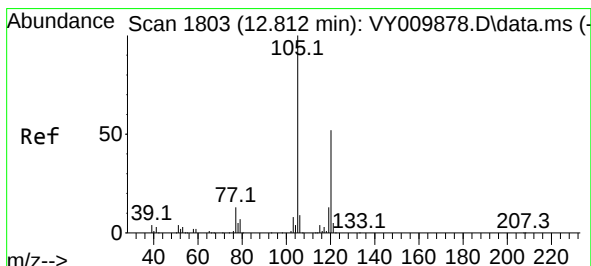
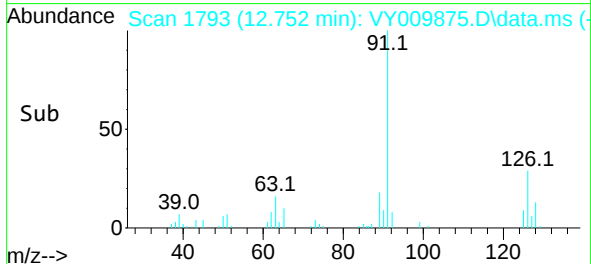
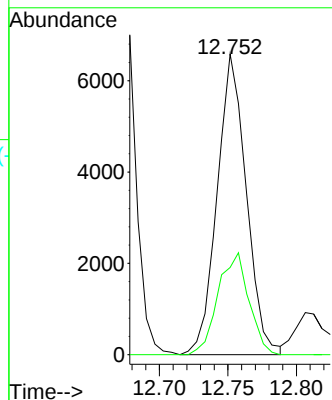
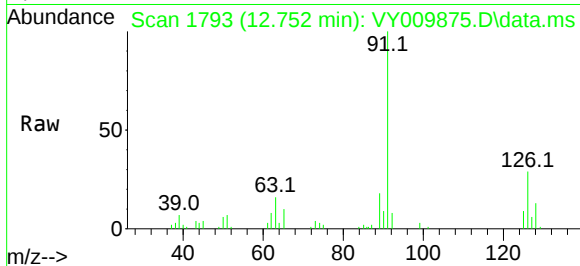




#79
2-Chlorotoluene
Concen: 4.548 ug/l
RT: 12.752 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

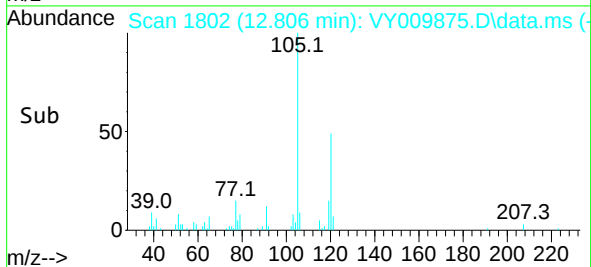
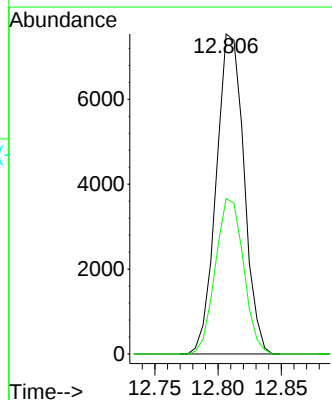
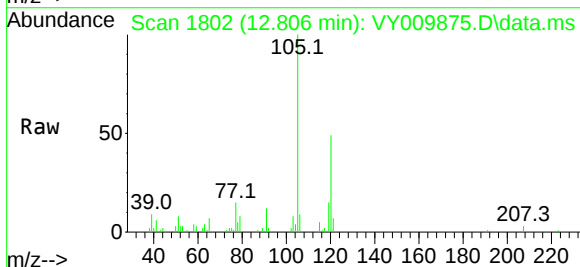
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

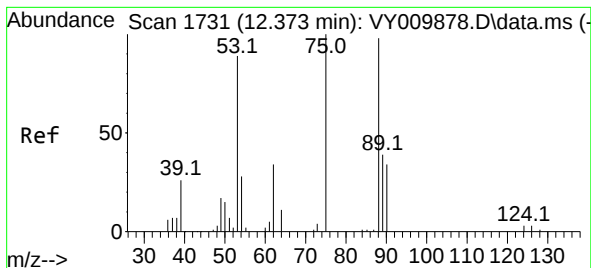
Tgt Ion: 91 Resp: 9760
Ion Ratio Lower Upper
91 100
126 35.8 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 4.357 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion: 105 Resp: 11476
Ion Ratio Lower Upper
105 100
120 49.4 25.3 75.8

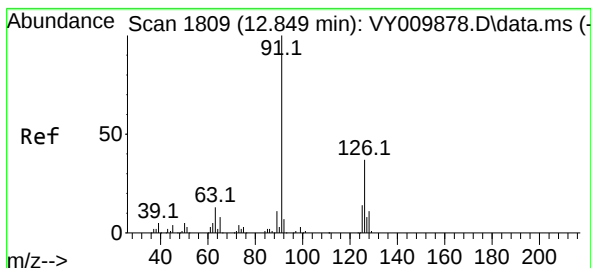
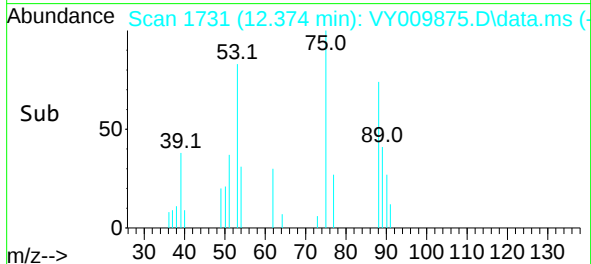
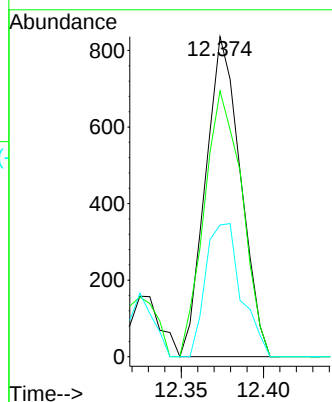
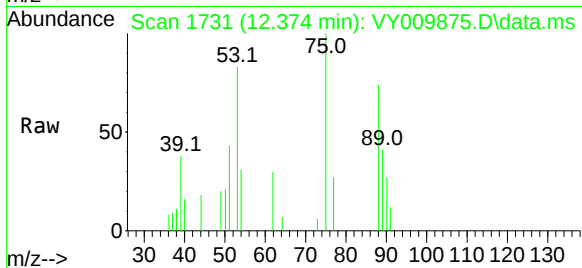




#81
trans-1,4-Dichloro-2-butene
Concen: 5.453 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

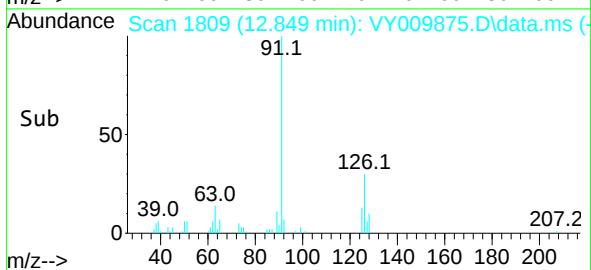
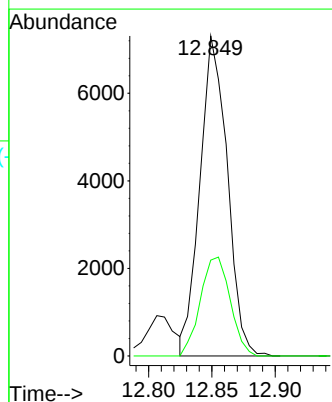
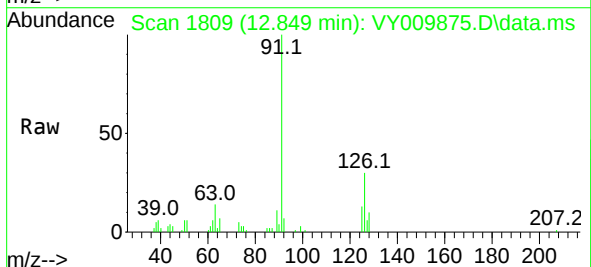
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

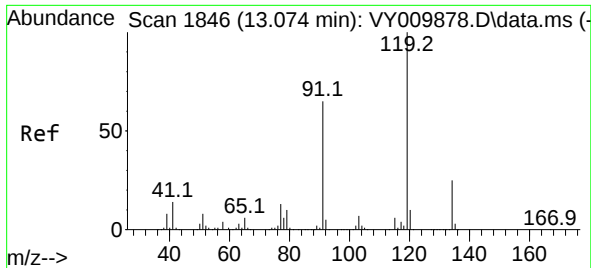
Tgt Ion:	75	Resp:	1236
Ion	Ratio	Lower	Upper
75	100		
53	89.7	71.4	107.2
89	42.3	38.1	57.1



#82
4-Chlorotoluene
Concen: 4.896 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion:	91	Resp:	10982
Ion	Ratio	Lower	Upper
91	100		
126	33.7	18.0	54.0

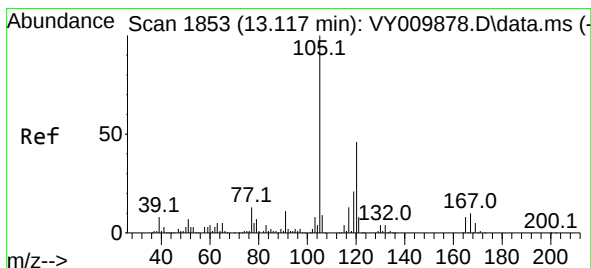
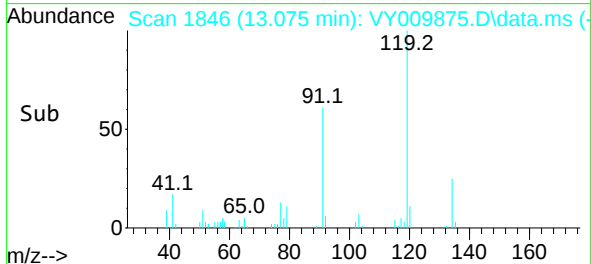
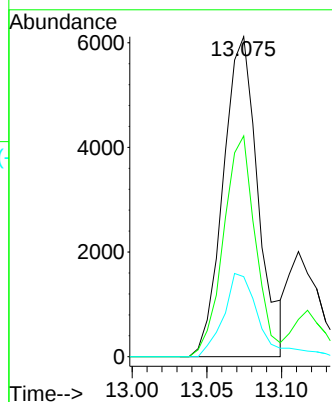
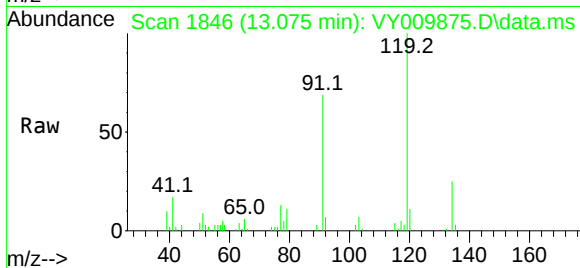




#83
tert-Butylbenzene
Concen: 4.308 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

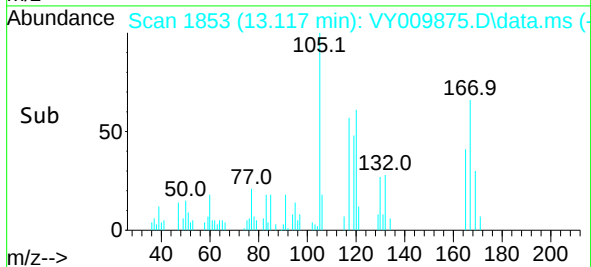
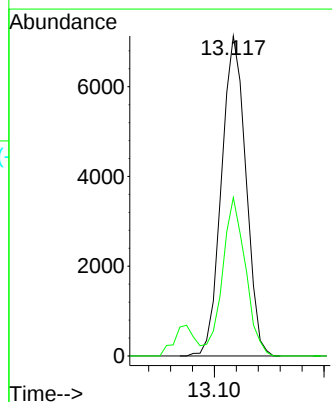
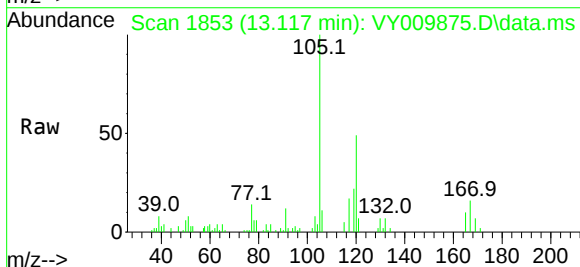
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

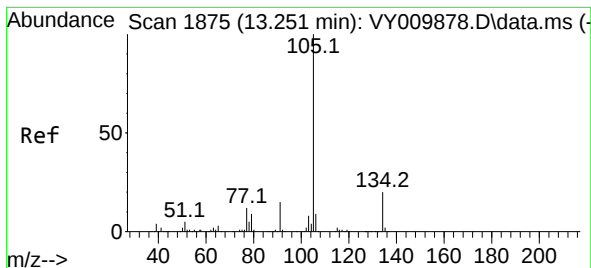
Tgt Ion:119	Resp:	9919
Ion	Ratio	Lower Upper
119	100	
91	63.5	32.0 96.0
134	26.7	13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 4.234 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion:105	Resp:	11001
Ion	Ratio	Lower Upper
105	100	
120	47.0	23.4 70.3





#85

sec-Butylbenzene

Concen: 4.484 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

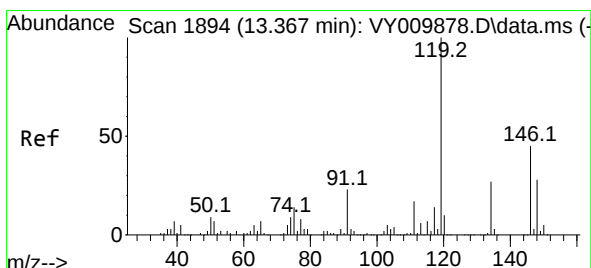
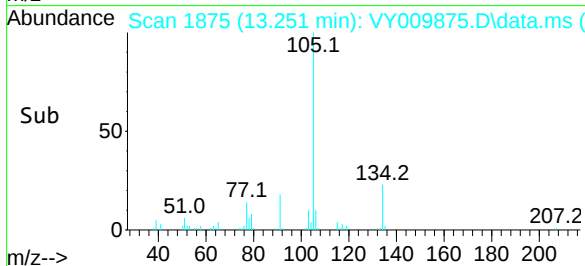
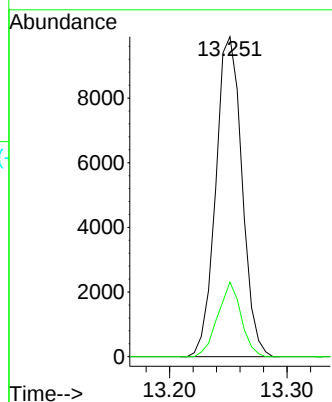
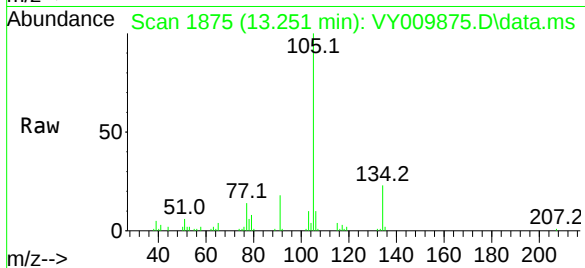
VSTDIC005

Tgt Ion:105 Resp: 15367

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.6



#86

p-Isopropyltoluene

Concen: 4.227 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

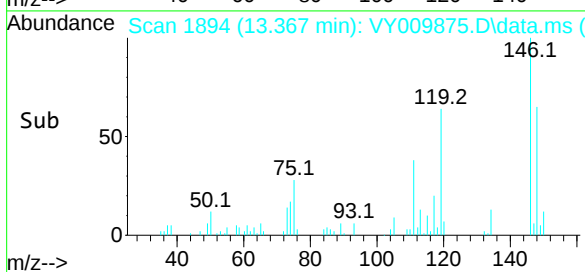
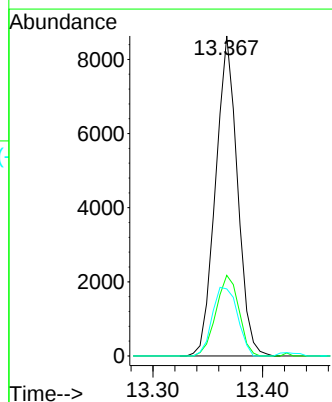
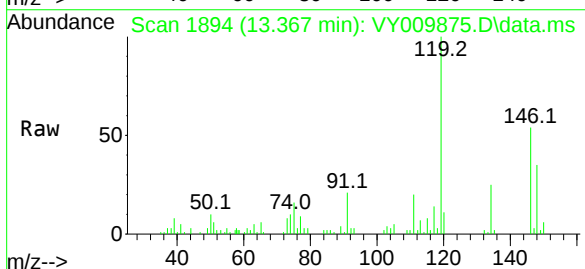
Tgt Ion:119 Resp: 11948

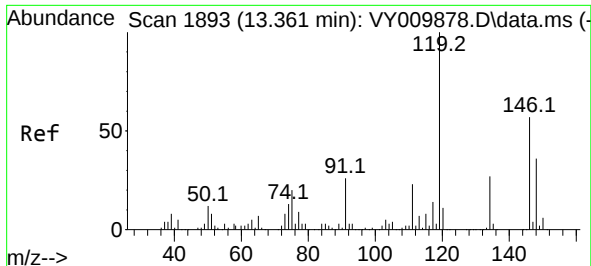
Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

91 24.8 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 5.196 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

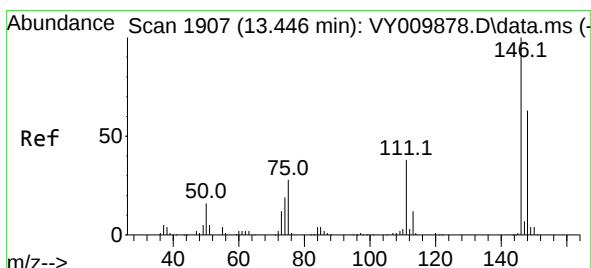
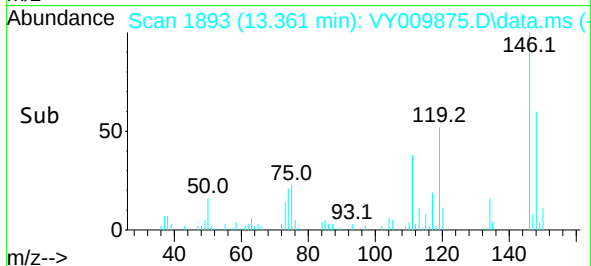
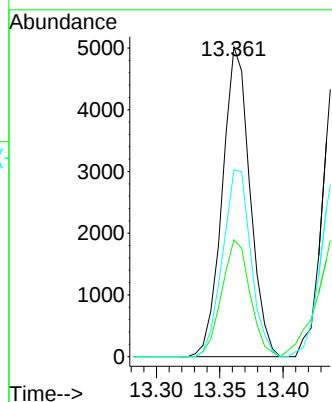
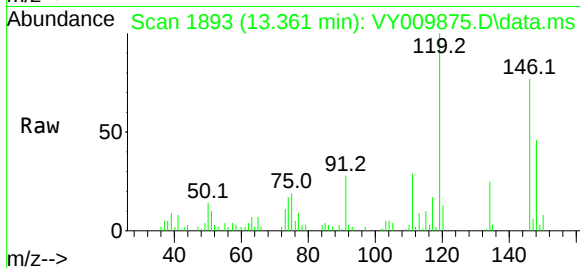
Tgt Ion:146 Resp: 7620

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.3

148 61.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 5.217 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

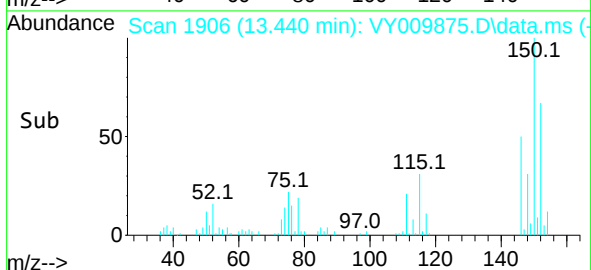
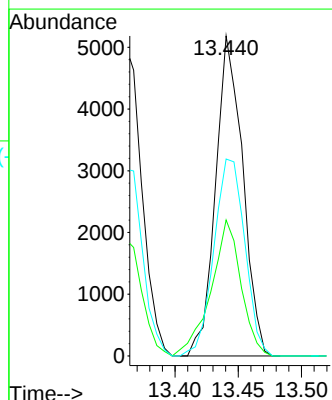
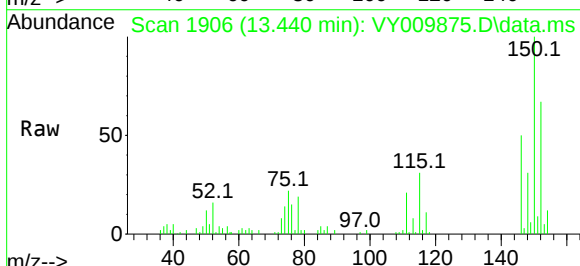
Tgt Ion:146 Resp: 7727

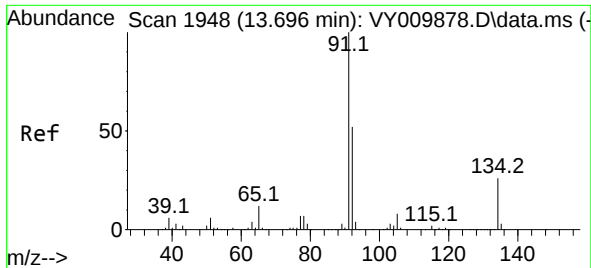
Ion Ratio Lower Upper

146 100

111 47.0 18.9 56.9

148 70.2 31.6 95.0

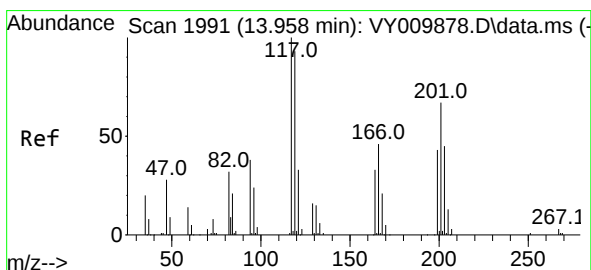
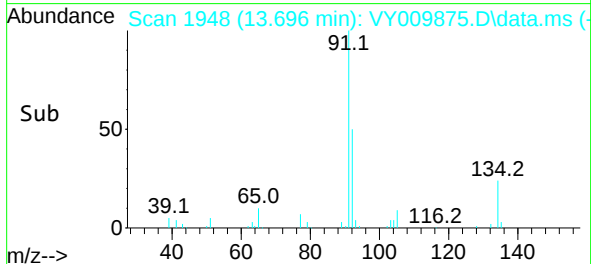
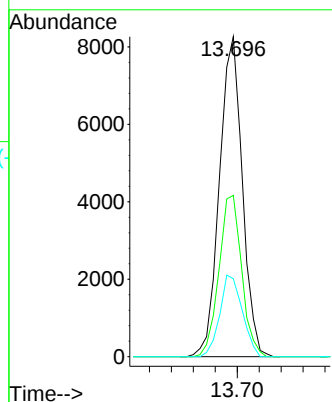
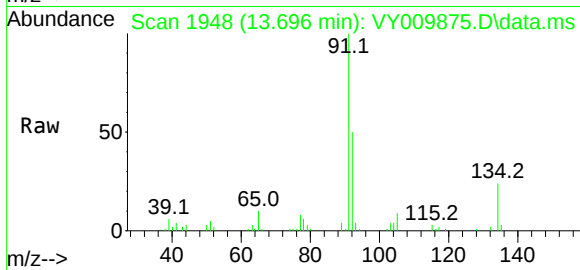




#89
n-Butylbenzene
Concen: 4.485 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

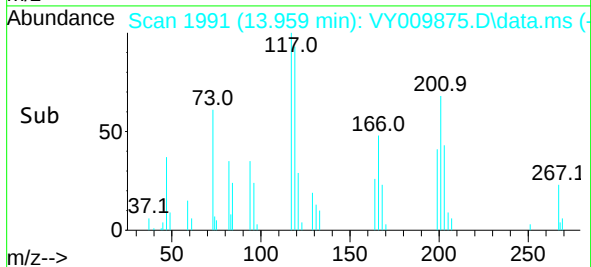
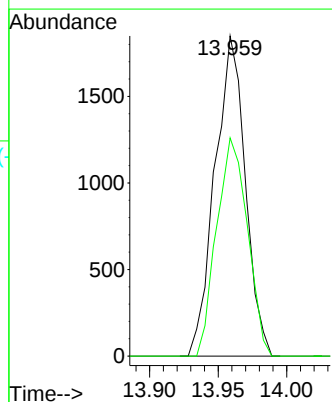
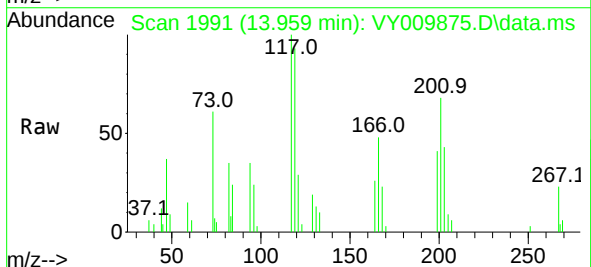
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

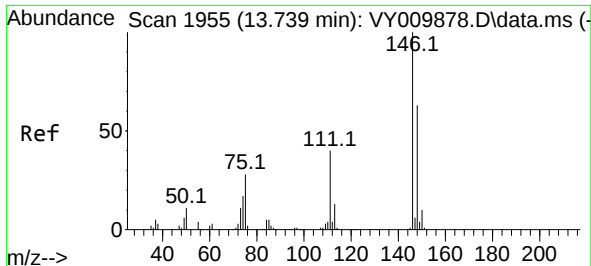
Tgt Ion:	91	Resp:	11965
Ion	Ratio	Lower	Upper
91	100		
92	50.1	26.9	80.7
134	25.1	14.0	41.9



#90
Hexachloroethane
Concen: 5.297 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009875.D
Acq: 08 Aug 2022 15:27

Tgt Ion:	117	Resp:	2848
Ion	Ratio	Lower	Upper
117	100		
201	69.1	38.8	116.3





#91

1,2-Dichlorobenzene

Concen: 5.050 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

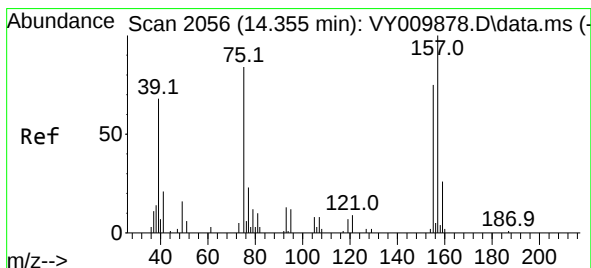
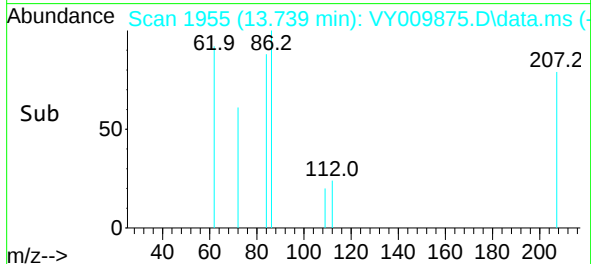
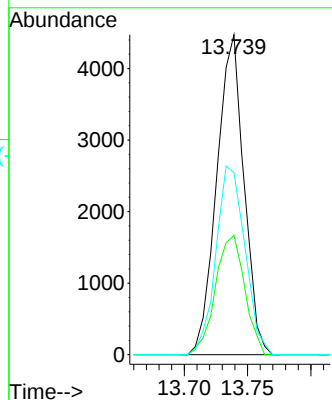
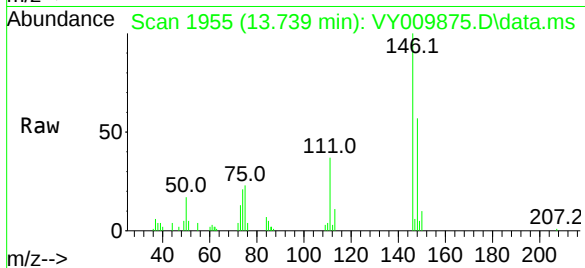
Tgt Ion:146 Resp: 6671

Ion Ratio Lower Upper

146 100

111 40.3 19.7 59.1

148 63.1 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.500 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

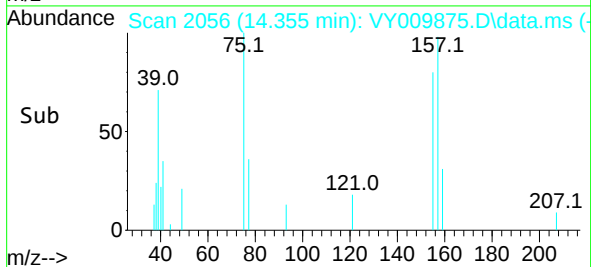
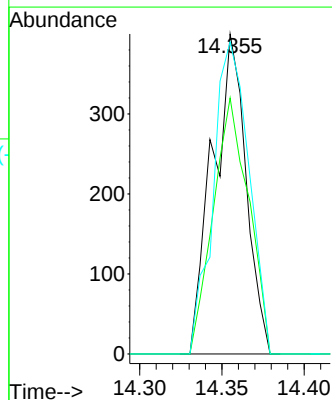
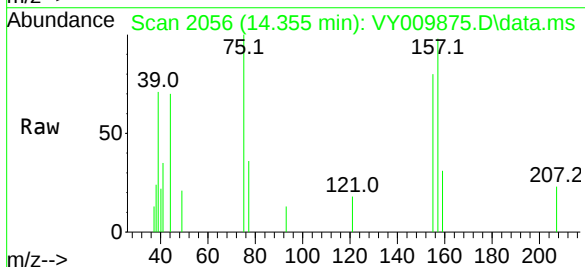
Tgt Ion: 75 Resp: 564

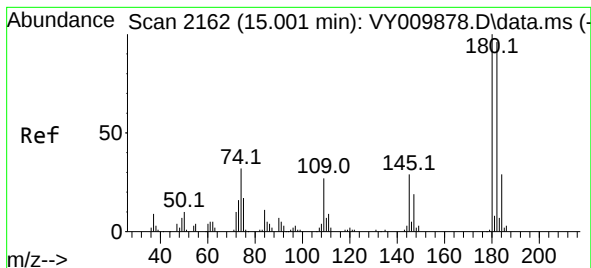
Ion Ratio Lower Upper

75 100

155 85.1 46.4 139.1

157 104.6 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 4.831 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

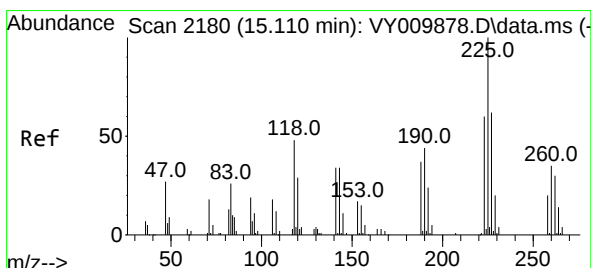
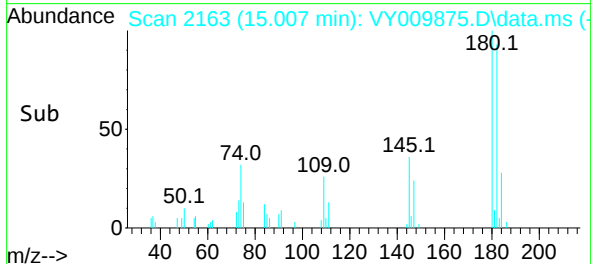
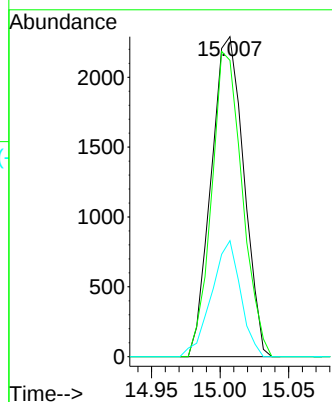
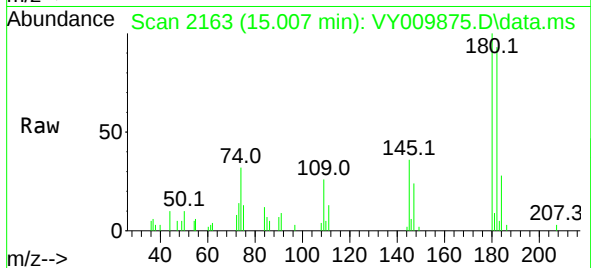
Tgt Ion:180 Resp: 3793

Ion Ratio Lower Upper

180 100

182 89.7 47.3 141.9

145 32.3 15.1 45.3



#94

Hexachlorobutadiene

Concen: 5.207 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

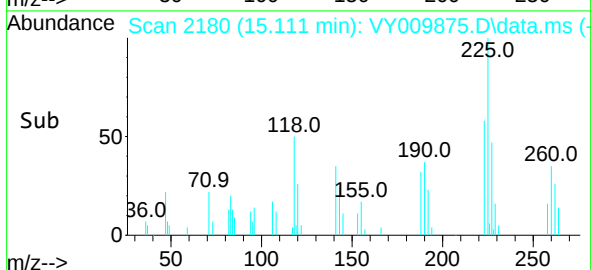
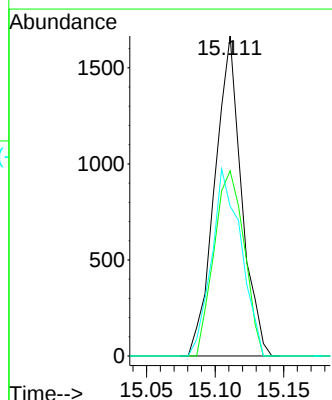
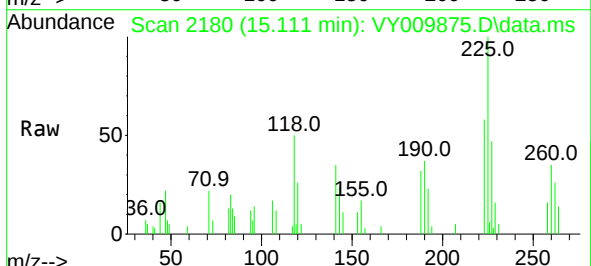
Tgt Ion:225 Resp: 2263

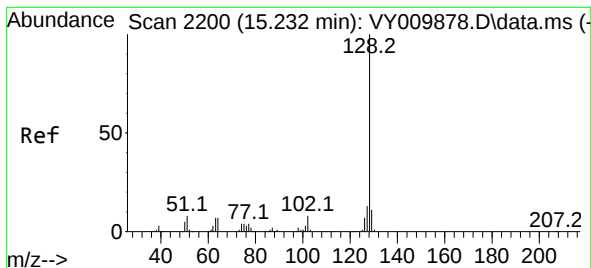
Ion Ratio Lower Upper

225 100

223 65.0 30.8 92.3

227 64.1 31.9 95.5





#95

Naphthalene

Concen: 4.197 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

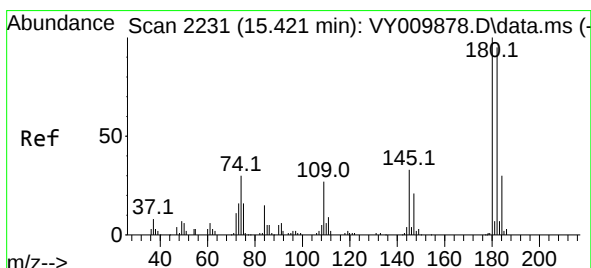
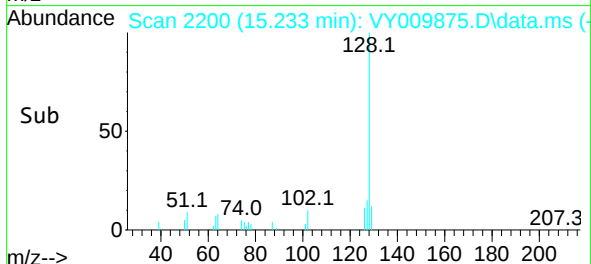
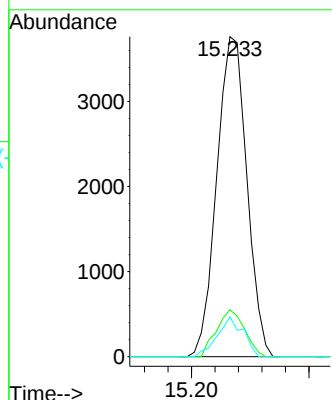
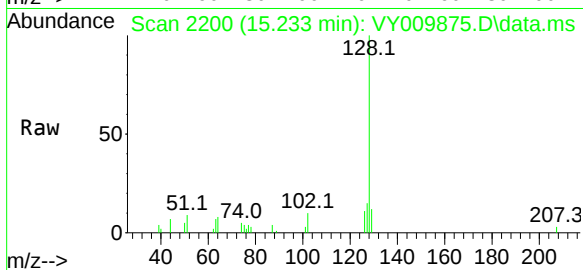
Tgt Ion:128 Resp: 6679

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 4.825 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.007 min

Lab File: VY009875.D

Acq: 08 Aug 2022 15:27

Tgt Ion:180 Resp: 3284

Ion Ratio Lower Upper

180 100

182 99.5 47.0 141.0

145 33.0 15.6 46.7

