

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081022\
 Data File : VY009951.D
 Acq On : 10 Aug 2022 15:23
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Aug 10 17:02:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:00:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	71142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	121679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	106314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54226	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	7877	12.065	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	24.120%#
35) Dibromofluoromethane	7.704	113	7903	11.886	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	23.780%#
50) Toluene-d8	10.173	98	29503	12.566	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	25.140%#
62) 4-Bromofluorobenzene	12.477	95	10093	10.812	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	21.620%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	7426	12.364	ug/l	97
3) Chloromethane	2.101	50	7362	10.179	ug/l	95
4) Vinyl Chloride	2.235	62	7356	9.772	ug/l	94
5) Bromomethane	2.637	94	5641	10.902	ug/l	94
6) Chloroethane	2.778	64	4550	9.763	ug/l	97
7) Trichlorofluoromethane	3.107	101	14713	11.661	ug/l	100
8) Diethyl Ether	3.515	74	5331	11.851	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.881	101	8744	11.838	ug/l	94
10) Methyl Iodide	4.070	142	9599	11.391	ug/l	97
11) Tert butyl alcohol	4.942	59	3545	44.959	ug/l #	78
12) 1,1-Dichloroethene	3.857	96	8226	11.958	ug/l	94
13) Acrolein	3.717	56	5113	197.109	ug/l	97
14) Allyl chloride	4.466	41	13482	10.698	ug/l	99
15) Acrylonitrile	5.155	53	12734	53.508	ug/l	98
16) Acetone	3.936	43	9089	47.351	ug/l #	81
17) Carbon Disulfide	4.180	76	28278	12.995	ug/l	99
18) Methyl Acetate	4.466	43	6563	9.712	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	19865	10.446	ug/l	94
20) Methylene Chloride	4.698	84	12373	9.554	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	9179	11.710	ug/l	89
22) Diisopropyl ether	6.106	45	27736	10.449	ug/l	96
23) Vinyl Acetate	6.045	43	84939	51.414	ug/l	96
24) 1,1-Dichloroethane	5.997	63	15858	11.003	ug/l	97
25) 2-Butanone	6.978	43	15845	49.272	ug/l	100
26) 2,2-Dichloropropane	6.972	77	12286	9.946	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	9892	11.093	ug/l	98
28) Bromochloromethane	7.320	49	6926	13.107	ug/l	92
29) Tetrahydrofuran	7.338	42	10675	50.268	ug/l	95
30) Chloroform	7.496	83	15815	10.907	ug/l	99
31) Cyclohexane	7.777	56	15503	11.202	ug/l #	89
32) 1,1,1-Trichloroethane	7.691	97	13352	10.927	ug/l	98
36) 1,1-Dichloropropene	7.905	75	12443	11.072	ug/l	99
37) Ethyl Acetate	7.064	43	7418	10.146	ug/l	99
38) Carbon Tetrachloride	7.893	117	12048	10.876	ug/l	98
39) Methylcyclohexane	9.179	83	14100	10.642	ug/l	95
40) Benzene	8.149	78	37279	11.059	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	3387	8.466	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	9788	10.517	ug/l	100
43) Isopropyl Acetate	8.265	43	12739	9.829	ug/l	98
44) Trichloroethene	8.935	130	9516	10.889	ug/l	96
45) 1,2-Dichloropropane	9.209	63	9494	10.880	ug/l	97
46) Dibromomethane	9.301	93	5236	10.751	ug/l	95
47) Bromodichloromethane	9.490	83	11483	10.281	ug/l	93
48) Methyl methacrylate	9.283	41	5683	9.845	ug/l	94
49) 1,4-Dioxane	9.289	88	1070	197.803	ug/l #	87
51) 4-Methyl-2-Pentanone	10.063	43	34204	47.754	ug/l	98
52) Toluene	10.240	92	22889	10.935	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	11674	9.965	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	14057	10.506	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	7437	10.587	ug/l	95
56) Ethyl methacrylate	10.508	69	8233	9.102	ug/l	92
57) 1,3-Dichloropropane	10.788	76	12228	10.383	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	22779	52.801	ug/l	100
59) 2-Hexanone	10.831	43	22662	46.583	ug/l	97
60) Dibromochloromethane	10.977	129	8156	10.079	ug/l	98
61) 1,2-Dibromoethane	11.087	107	7008	10.527	ug/l	98
64) Tetrachloroethene	10.715	164	8450	10.732	ug/l	95
65) Chlorobenzene	11.514	112	23642	11.100	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	8706	11.233	ug/l	97
67) Ethyl Benzene	11.587	91	39868	10.715	ug/l	95
68) m/p-Xylenes	11.697	106	31765	22.084	ug/l	96
69) o-Xylene	12.026	106	13983	10.427	ug/l	99
70) Styrene	12.038	104	23176	10.033	ug/l	99
71) Bromoform	12.209	173	4779	10.093	ug/l #	100
73) Isopropylbenzene	12.325	105	37632	10.219	ug/l	98
74) N-amyl acetate	12.142	43	10847	9.216	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.575	83	9046	10.790	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	11098	18.648	ug/l #	100
77) Bromobenzene	12.605	156	9278	10.495	ug/l	92
78) n-propylbenzene	12.666	91	48112	10.313	ug/l	98
79) 2-Chlorotoluene	12.752	91	28171	10.777	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	31935	10.369	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	3004	10.159	ug/l	96
82) 4-Chlorotoluene	12.849	91	29327	10.662	ug/l	96
83) tert-Butylbenzene	13.075	119	25157	9.530	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	30991	10.283	ug/l	100
85) sec-Butylbenzene	13.251	105	41683	10.251	ug/l	97
86) p-Isopropyltoluene	13.367	119	33094	10.045	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	18917	10.690	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	19503	10.844	ug/l	98
89) n-Butylbenzene	13.696	91	32607	10.101	ug/l	96
90) Hexachloroethane	13.959	117	7186	10.417	ug/l	92
91) 1,2-Dichlorobenzene	13.733	146	17324	10.784	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1353	10.240	ug/l	89
93) 1,2,4-Trichlorobenzene	15.001	180	9036	9.880	ug/l	98
94) Hexachlorobutadiene	15.105	225	5340	10.376	ug/l	97
95) Naphthalene	15.233	128	17184	9.028	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	7929	9.777	ug/l	97

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ClientSampleId :
VSTDICC010

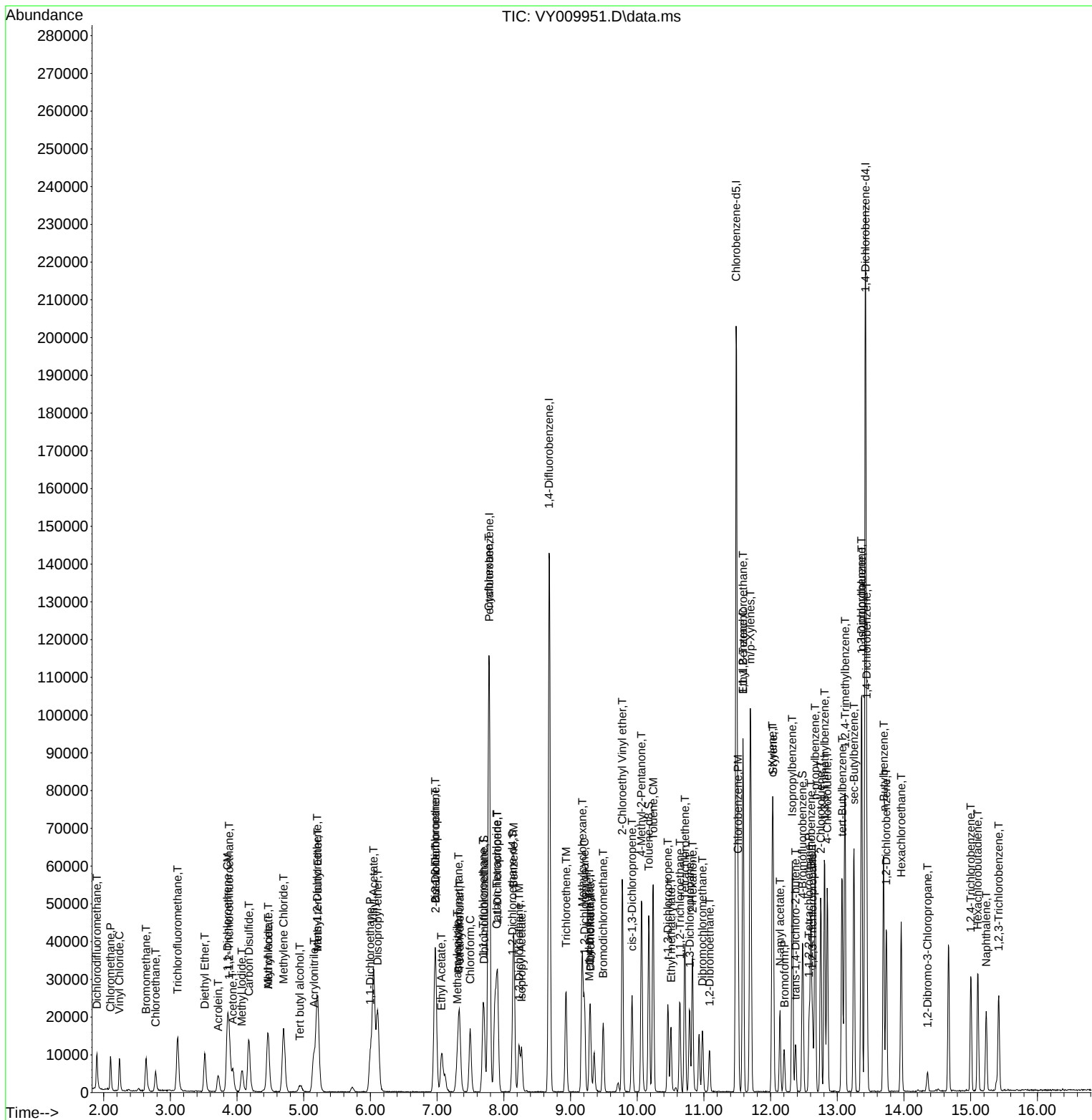
Quant Time: Aug 10 17:02:52 2022
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Quant Title : SW846 8260
QLast Update : Wed Aug 10 17:00:31 2022
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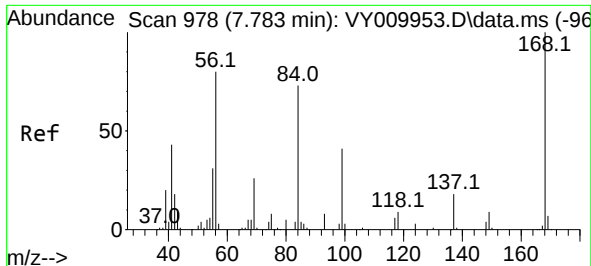
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
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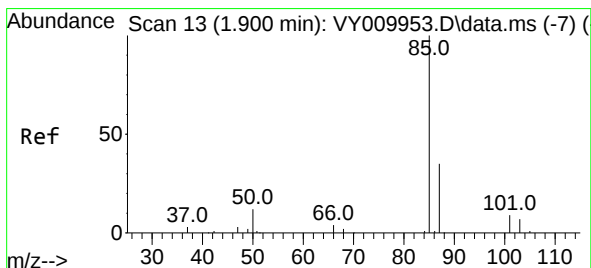
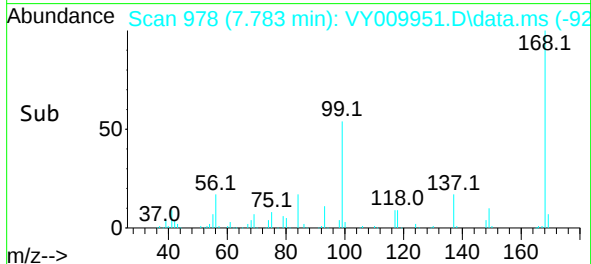
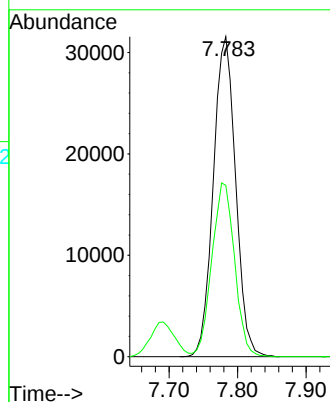
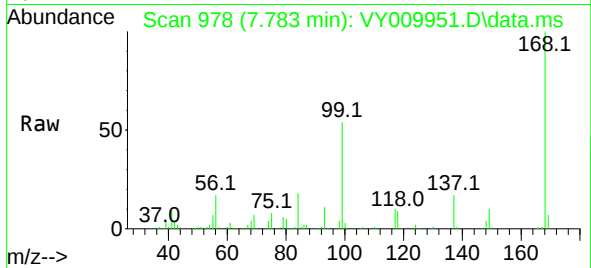




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009951.D
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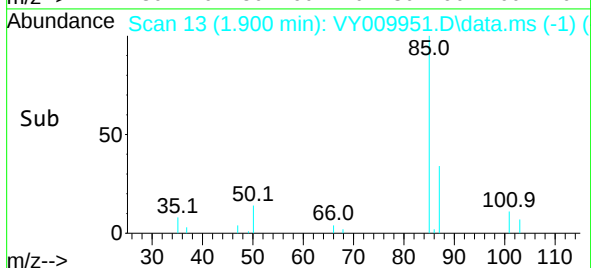
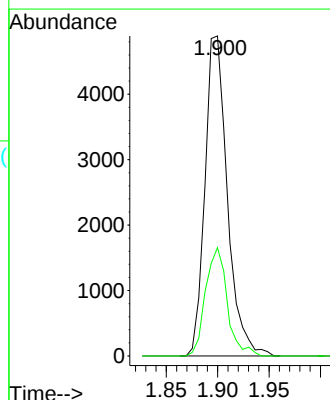
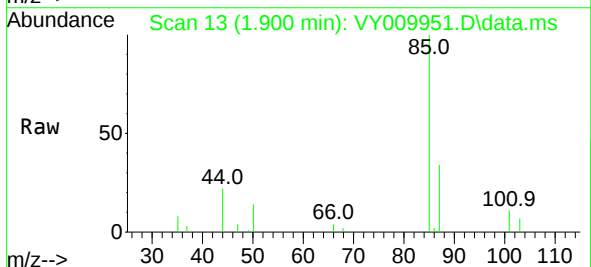
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

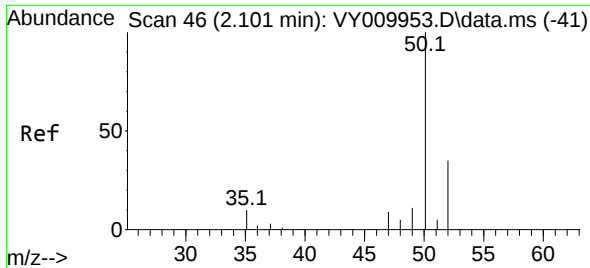
Tgt Ion:168 Resp: 71142
Ion Ratio Lower Upper
168 100
99 53.5 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 12.364 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

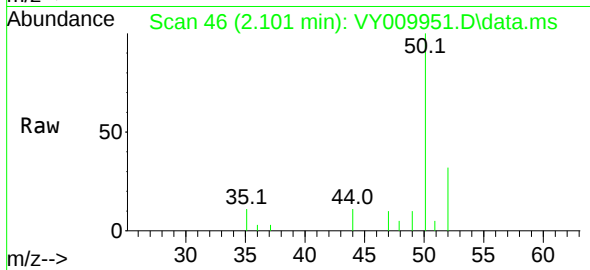
Tgt Ion: 85 Resp: 7426
Ion Ratio Lower Upper
85 100
87 33.9 16.2 48.5



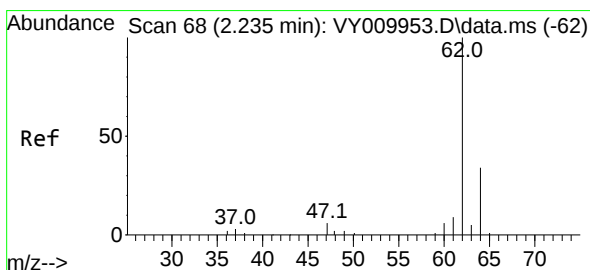
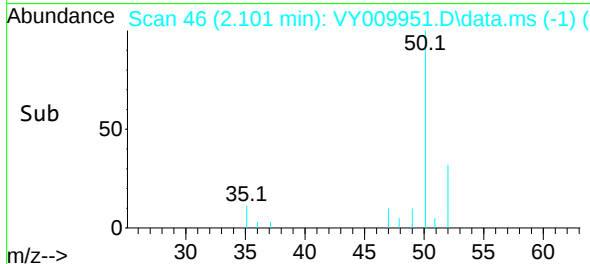
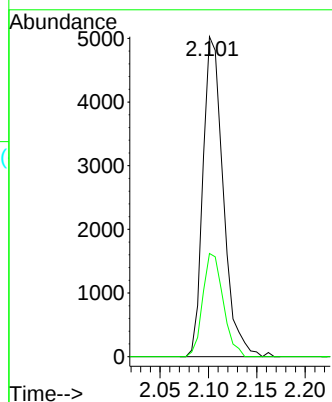


#3
Chloromethane
Concen: 10.179 ug/l
RT: 2.101 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

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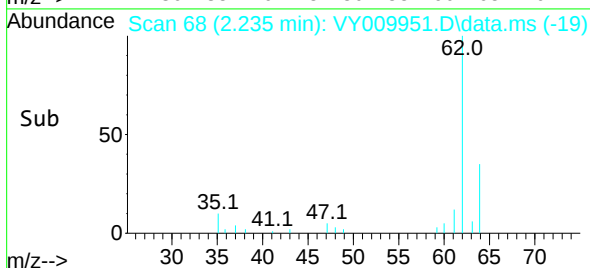
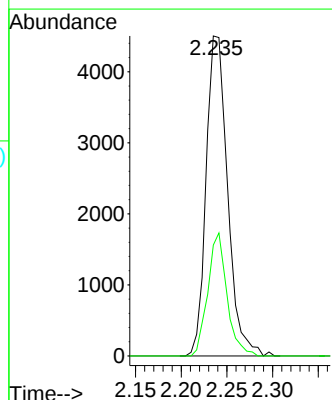
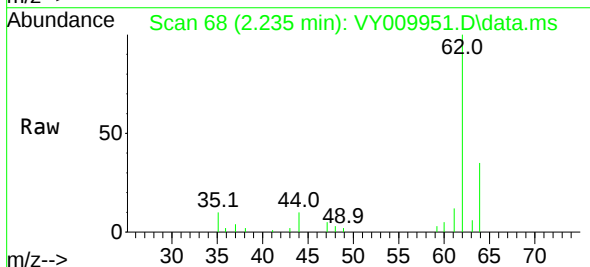


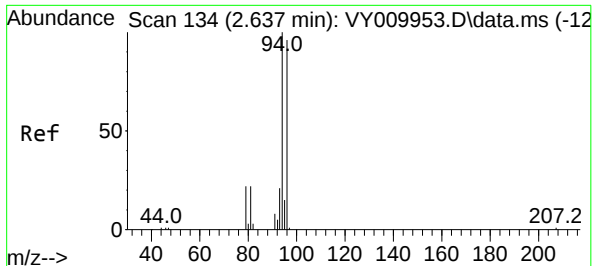
Tgt Ion: 50 Resp: 7362
Ion Ratio Lower Upper
50 100
52 32.2 27.9 41.9



#4
Vinyl Chloride
Concen: 9.772 ug/l
RT: 2.235 min Scan# 68
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion: 62 Resp: 7356
Ion Ratio Lower Upper
62 100
64 34.7 25.0 37.4

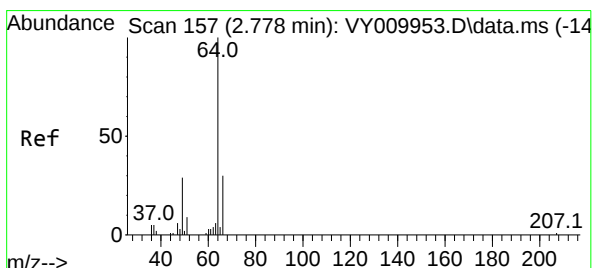
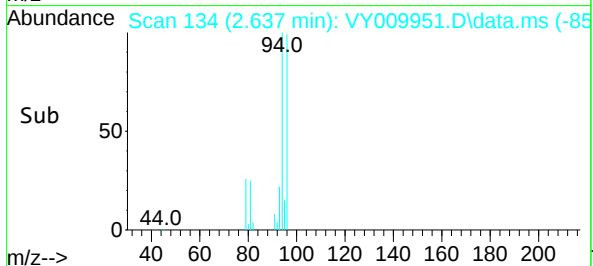
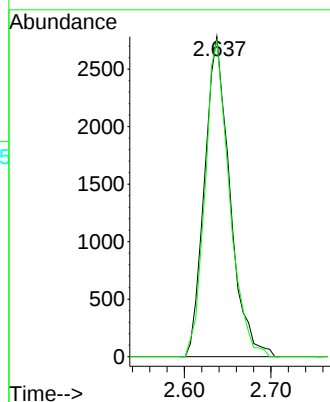
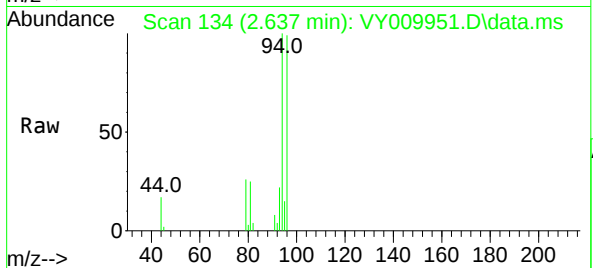




#5
Bromomethane
Concen: 10.902 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

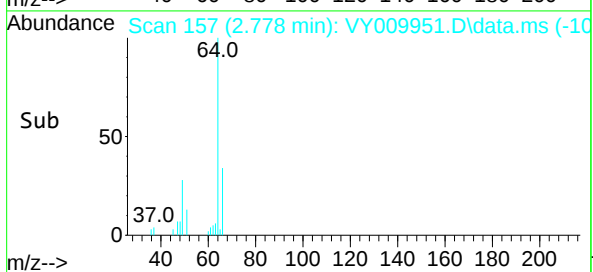
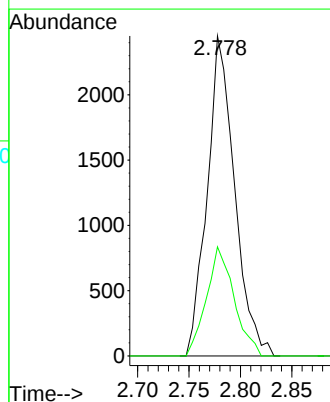
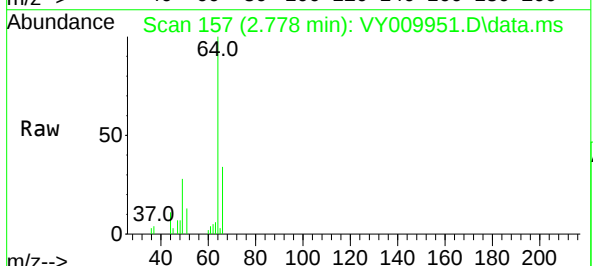
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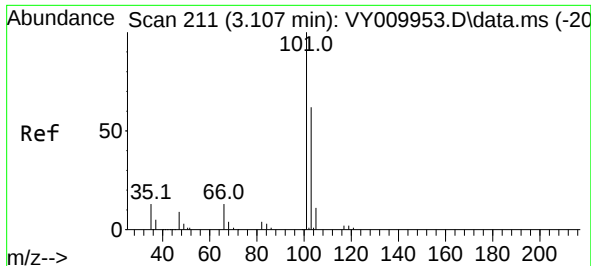
Tgt Ion: 94 Resp: 5641
Ion Ratio Lower Upper
94 100
96 98.6 74.6 111.8



#6
Chloroethane
Concen: 9.763 ug/l
RT: 2.778 min Scan# 157
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion: 64 Resp: 4550
Ion Ratio Lower Upper
64 100
66 34.1 25.8 38.8

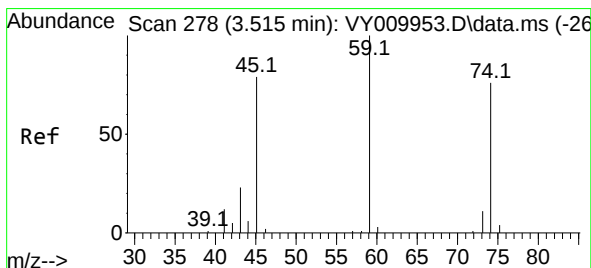
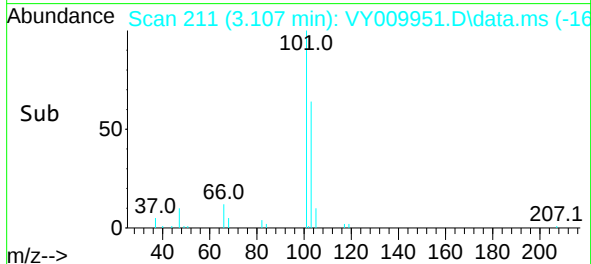
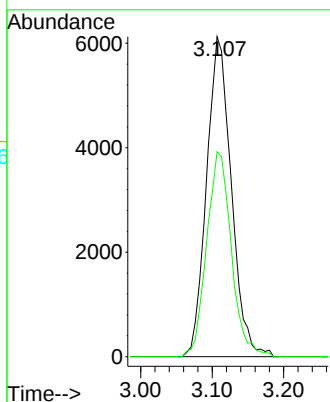
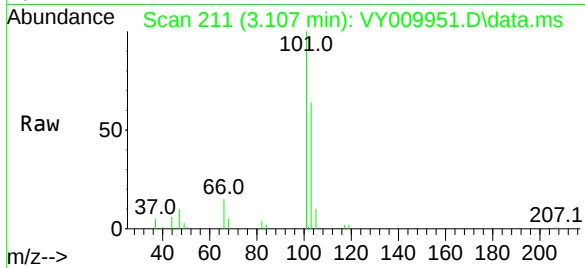




#7
 Trichlorofluoromethane
 Concen: 11.661 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VY009951.D
 Acq: 10 Aug 2022 15:23

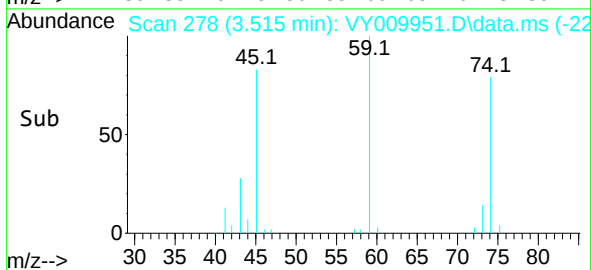
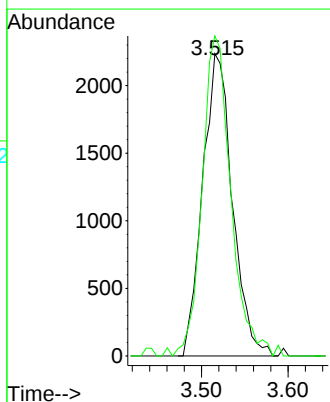
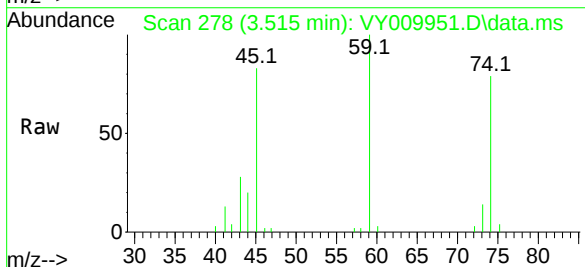
Instrument :
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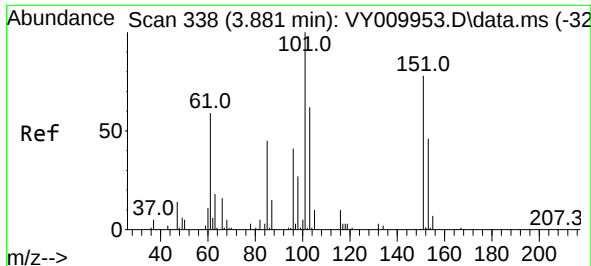
Tgt Ion:101 Resp: 14713
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.2



#8
 Diethyl Ether
 Concen: 11.851 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY009951.D
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Tgt Ion: 74 Resp: 5331
 Ion Ratio Lower Upper
 74 100
 45 102.6 49.1 147.4

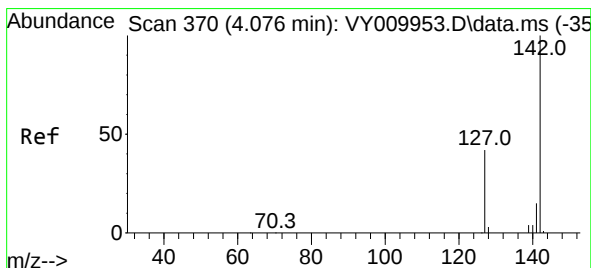
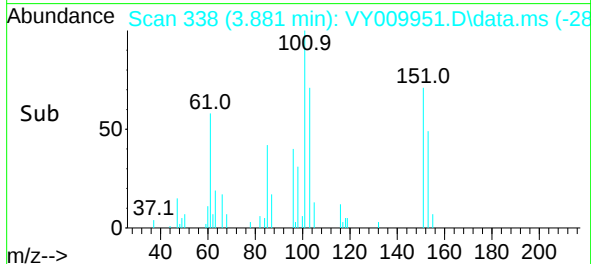
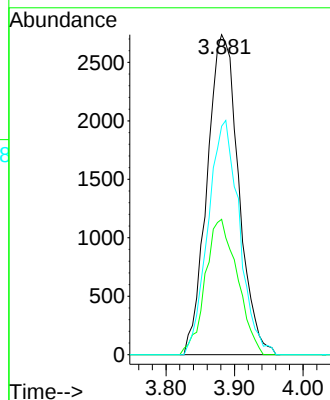
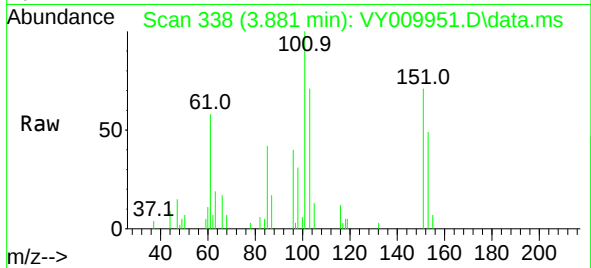




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.838 ug/l
RT: 3.881 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

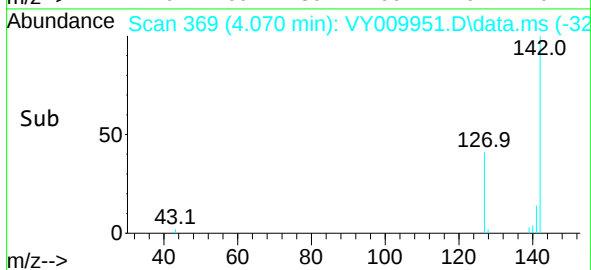
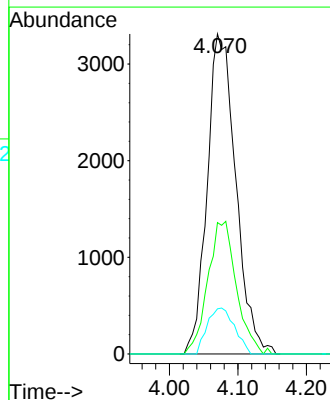
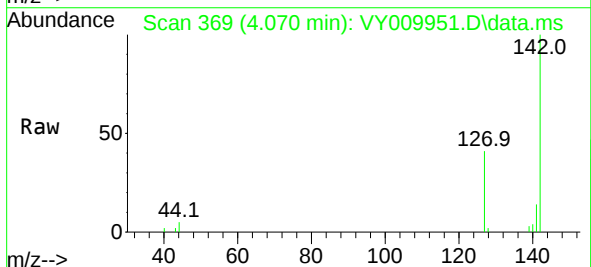
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

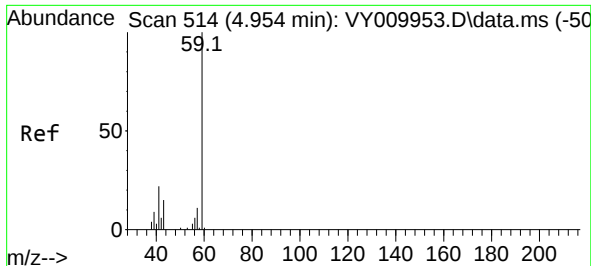
Tgt Ion:101 Resp: 8744
Ion Ratio Lower Upper
101 100
85 43.0 36.2 54.2
151 72.6 63.6 95.4



#10
Methyl Iodide
Concen: 11.391 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.006 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion:142 Resp: 9599
Ion Ratio Lower Upper
142 100
127 41.4 35.2 52.8
141 13.7 11.4 17.2

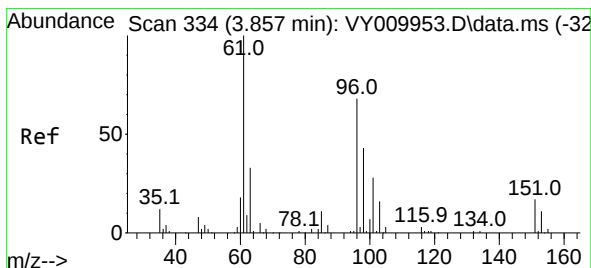
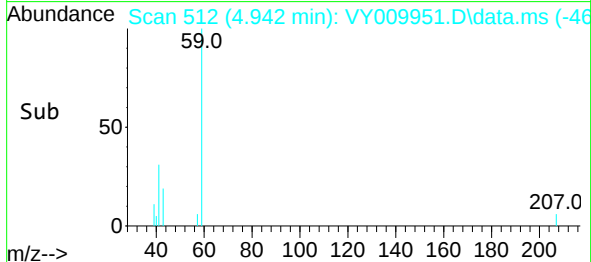
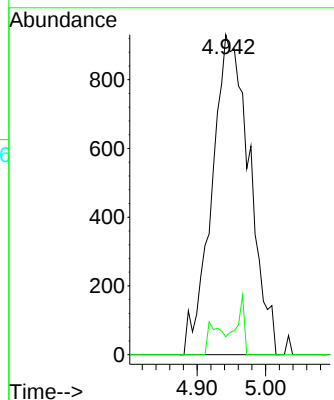
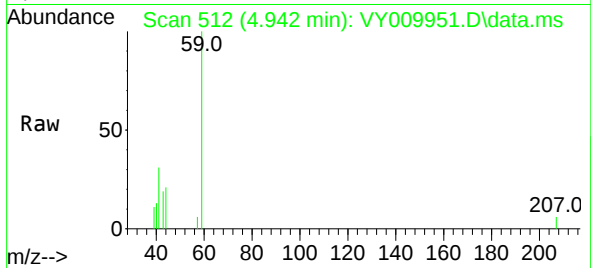




#11
Tert butyl alcohol
Concen: 44.959 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

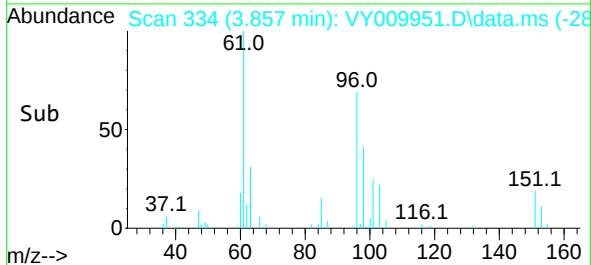
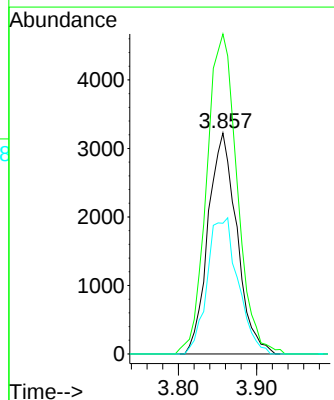
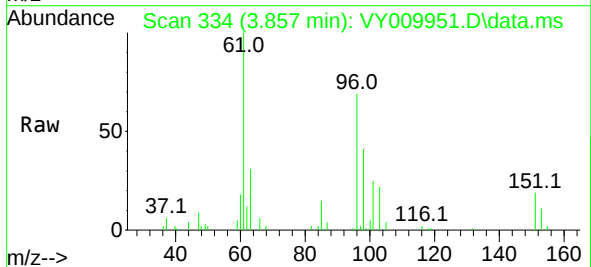
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

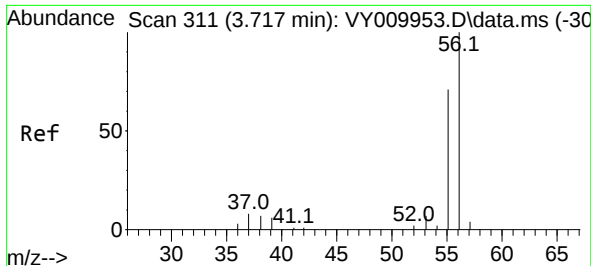
Tgt Ion: 59 Resp: 3545
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#



#12
1,1-Dichloroethene
Concen: 11.958 ug/l
RT: 3.857 min Scan# 334
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion: 96 Resp: 8226
Ion Ratio Lower Upper
96 100
61 142.8 121.9 182.9
98 59.2 48.2 72.4





#13

Acrolein

Concen: 197.109 ug/l

RT: 3.717 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

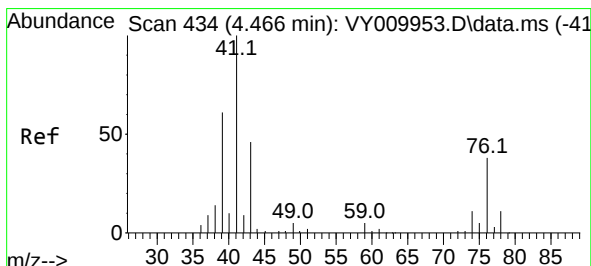
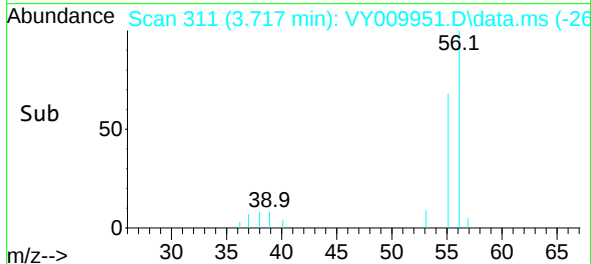
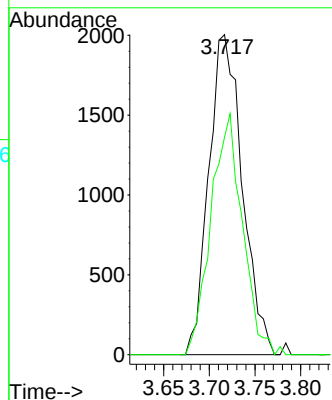
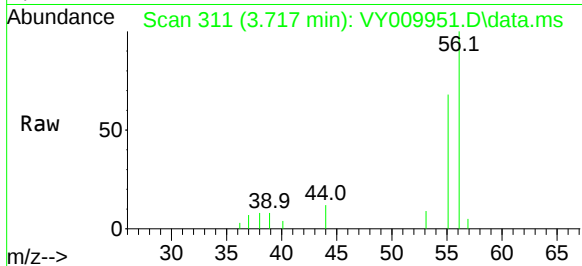
VSTDICC010

Tgt Ion: 56 Resp: 5113

Ion Ratio Lower Upper

56 100

55 70.8 54.8 82.2



#14

Allyl chloride

Concen: 10.698 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

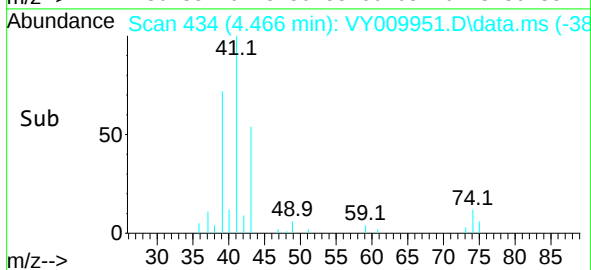
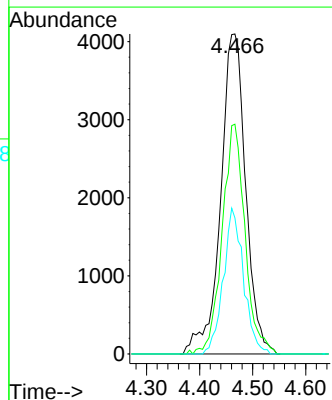
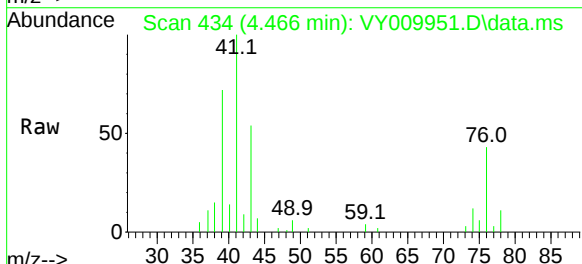
Tgt Ion: 41 Resp: 13482

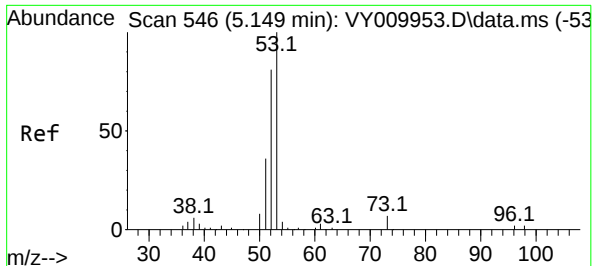
Ion Ratio Lower Upper

41 100

39 65.4 53.5 80.3

76 36.6 29.4 44.0

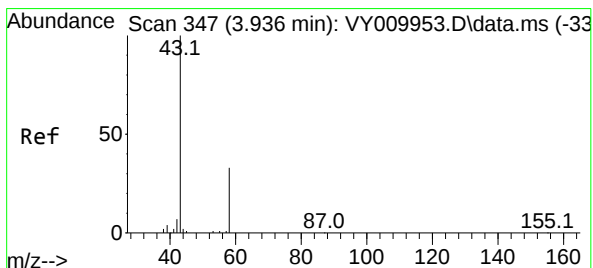
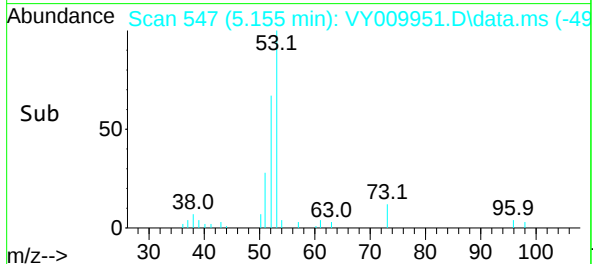
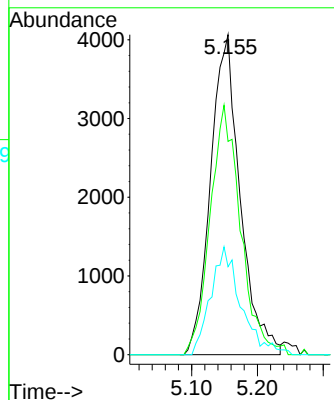
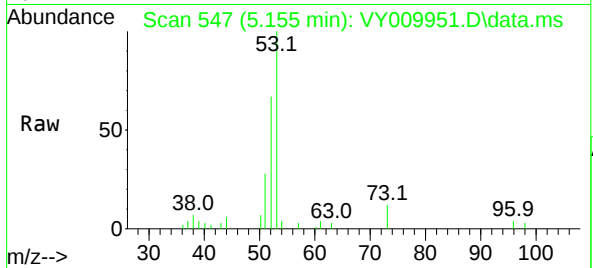




#15
Acrylonitrile
Concen: 53.508 ug/l
RT: 5.155 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

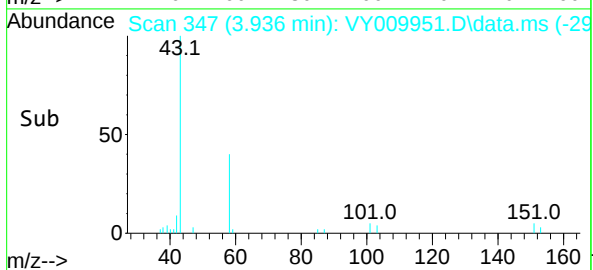
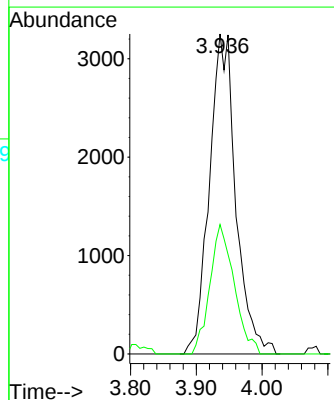
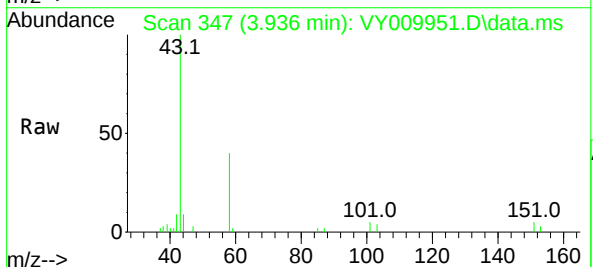
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

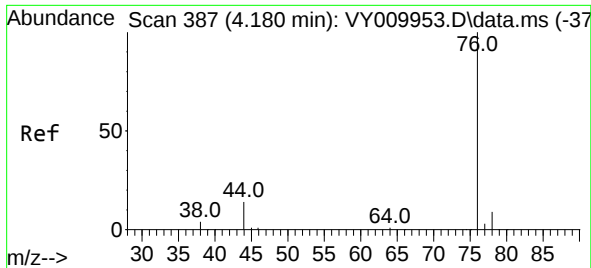
Tgt Ion: 53 Resp: 12734
Ion Ratio Lower Upper
53 100
52 80.0 65.4 98.2
51 34.4 28.4 42.6



#16
Acetone
Concen: 47.351 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion: 43 Resp: 9089
Ion Ratio Lower Upper
43 100
58 40.5 24.0 36.0#

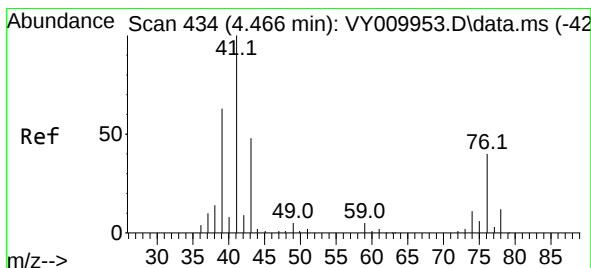
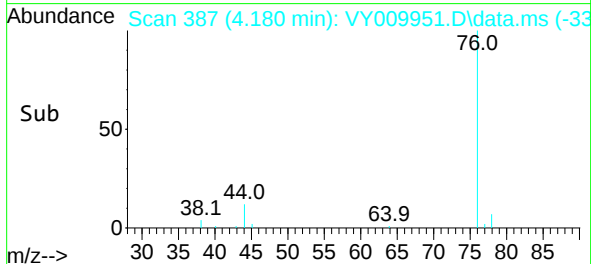
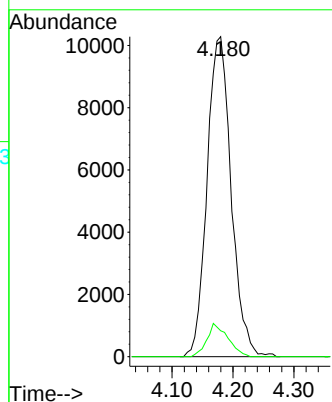
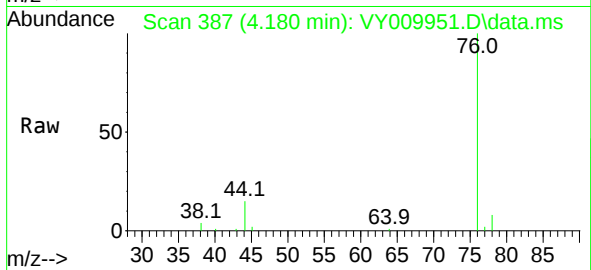




#17
Carbon Disulfide
Concen: 12.995 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

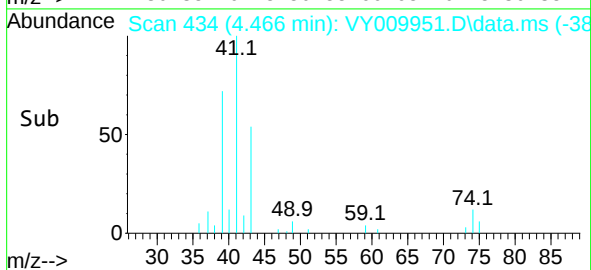
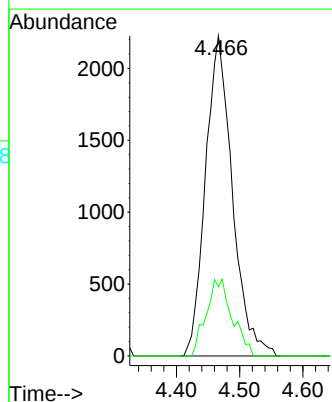
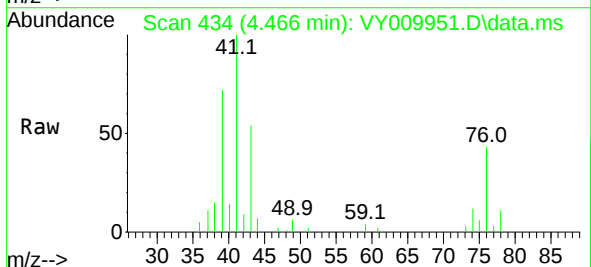
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

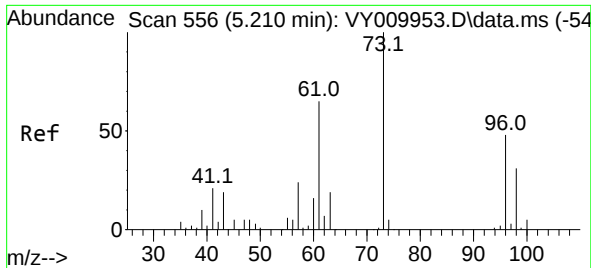
Tgt Ion: 76 Resp: 28278
Ion Ratio Lower Upper
76 100
78 8.1 6.8 10.2



#18
Methyl Acetate
Concen: 9.712 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion: 43 Resp: 6563
Ion Ratio Lower Upper
43 100
74 23.3 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 10.446 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

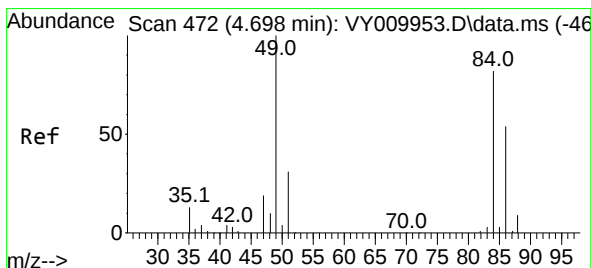
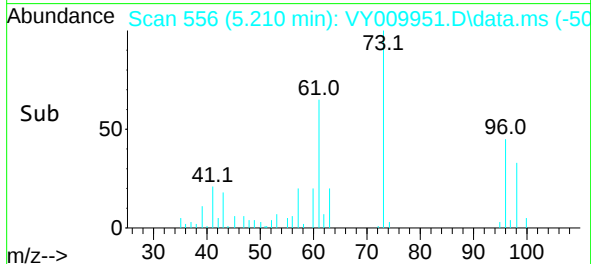
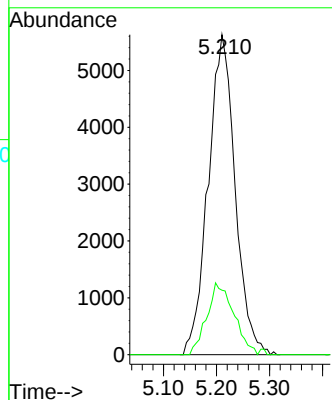
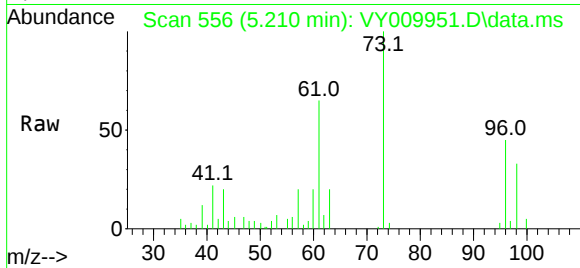
VSTDIC010

Tgt Ion: 73 Resp: 19865

Ion Ratio Lower Upper

73 100

57 20.1 18.5 27.7



#20

Methylene Chloride

Concen: 9.554 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Tgt Ion: 84 Resp: 12373

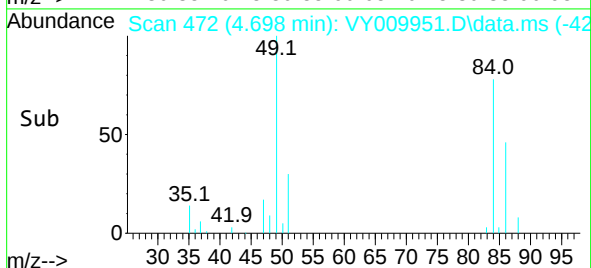
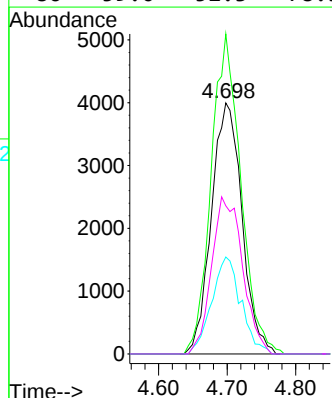
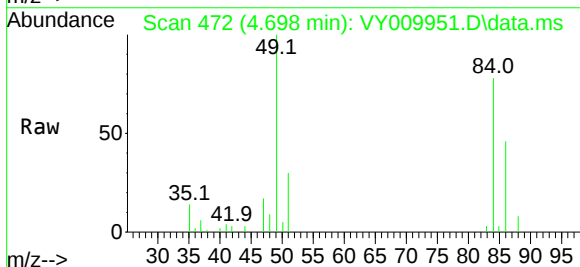
Ion Ratio Lower Upper

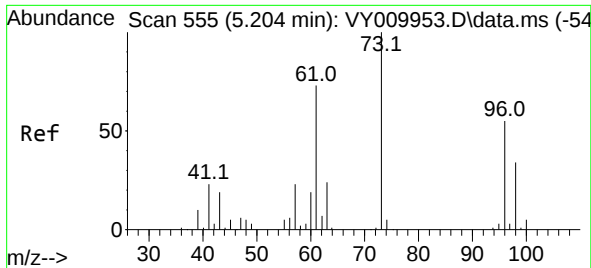
84 100

49 127.4 98.2 147.4

51 38.6 33.4 50.0

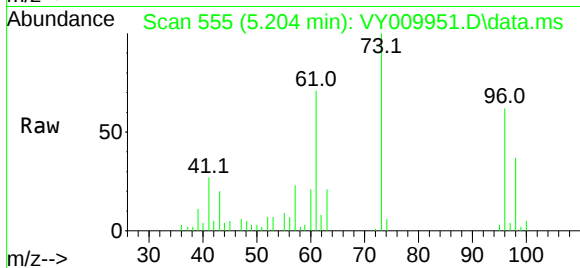
86 59.0 52.3 78.5



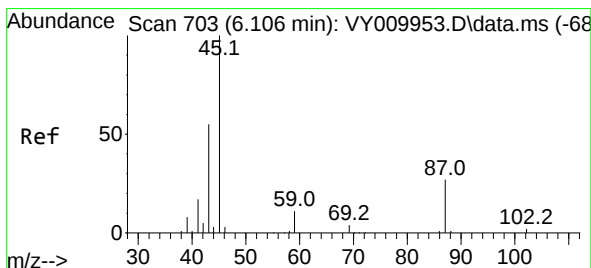
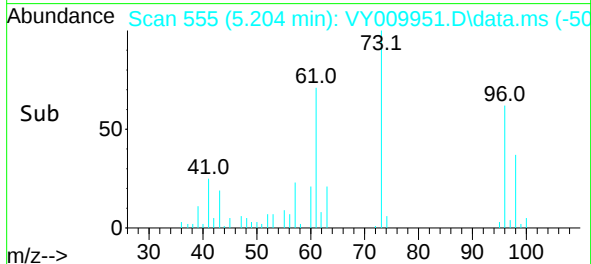
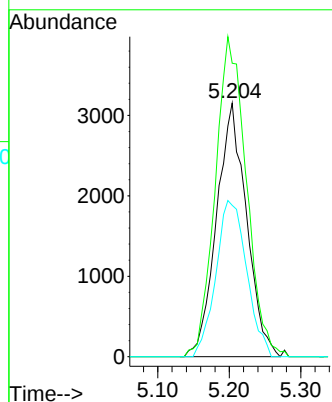


#21
trans-1,2-Dichloroethene
Concen: 11.710 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

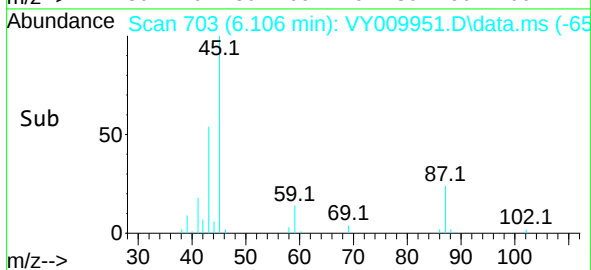
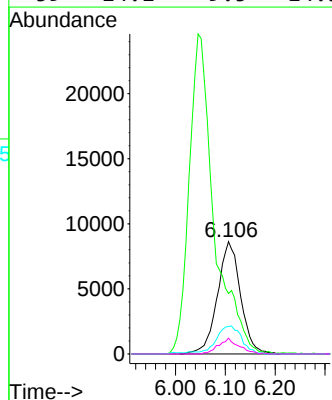
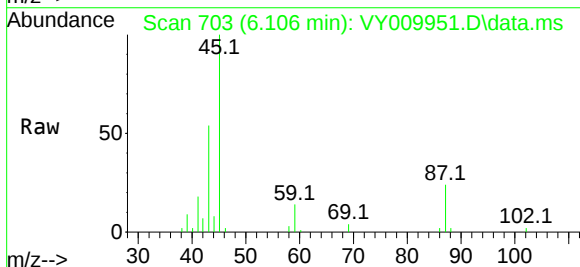


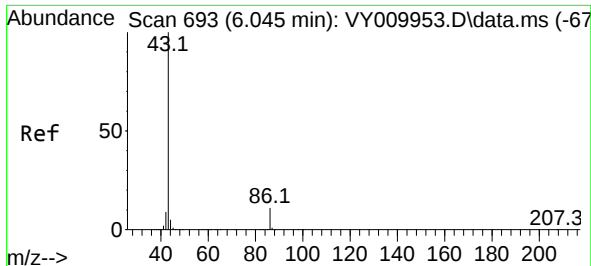
Tgt Ion:	96	Resp:	9179
Ion	Ratio	Lower	Upper
96	100		
61	115.7	105.8	158.6
98	59.7	49.7	74.5



#22
Diisopropyl ether
Concen: 10.449 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion:	45	Resp:	27736
Ion	Ratio	Lower	Upper
45	100		
43	53.1	43.7	65.5
87	24.4	22.2	33.4
59	14.1	9.5	14.3

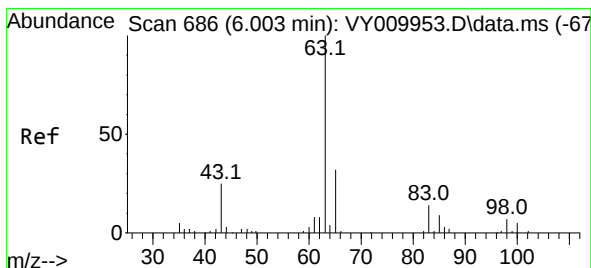
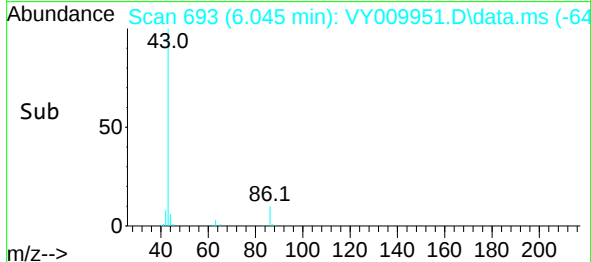
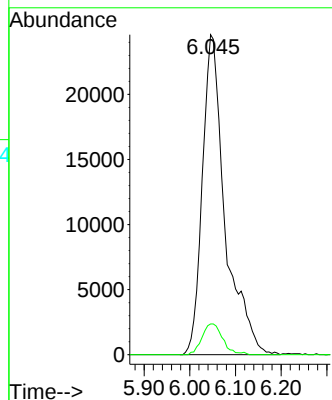
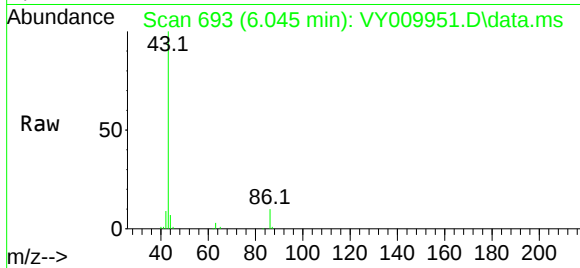




#23
 Vinyl Acetate
 Concen: 51.414 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY009951.D
 Acq: 10 Aug 2022 15:23

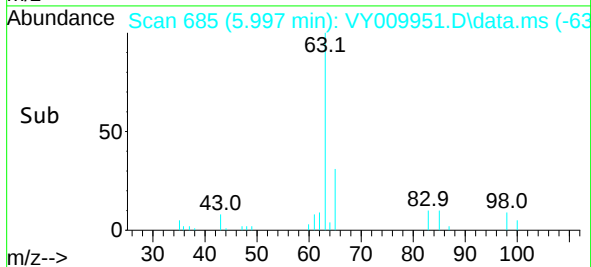
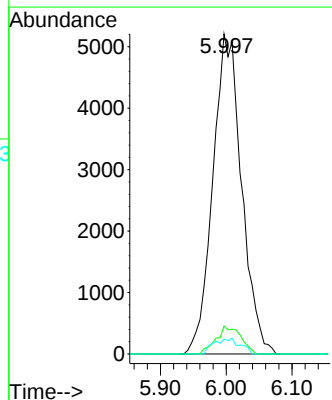
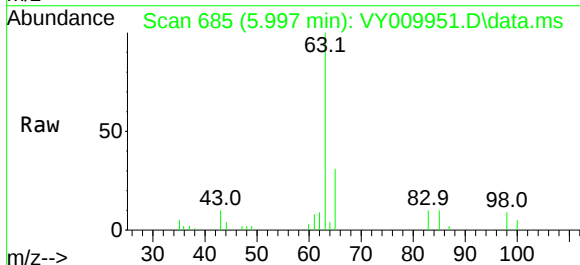
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

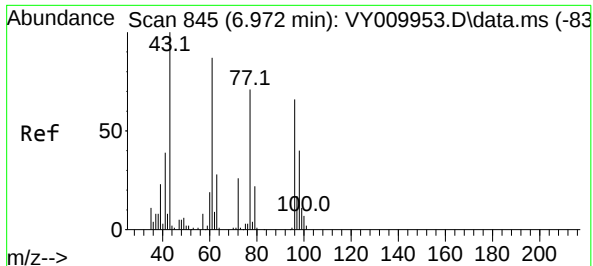
Tgt Ion: 43 Resp: 84939
 Ion Ratio Lower Upper
 43 100
 86 9.6 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 11.003 ug/l
 RT: 5.997 min Scan# 685
 Delta R.T. -0.006 min
 Lab File: VY009951.D
 Acq: 10 Aug 2022 15:23

Tgt Ion: 63 Resp: 15858
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.9 11.7
 100 4.6 2.8 8.3





#25

2-Butanone

Concen: 49.272 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

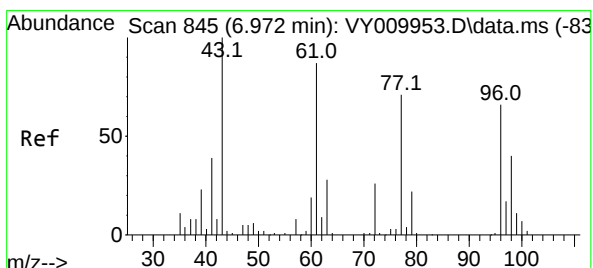
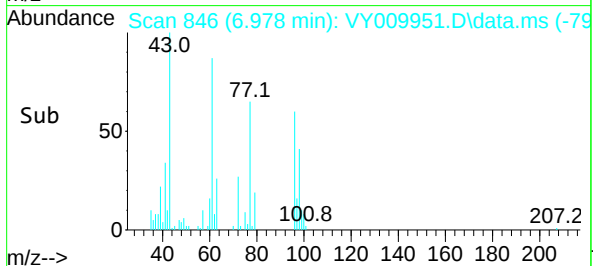
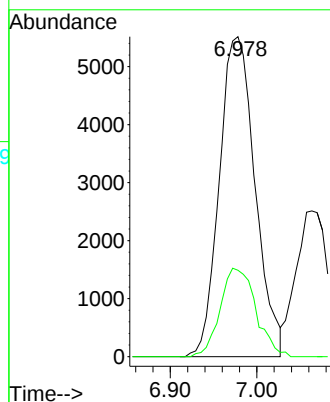
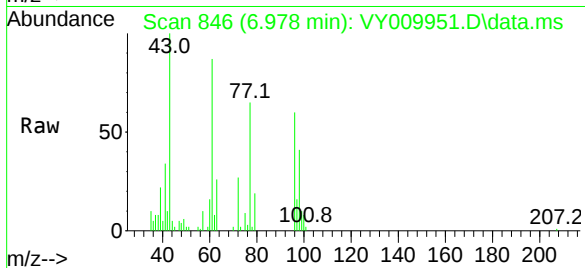
VSTDIC010

Tgt Ion: 43 Resp: 15845

Ion Ratio Lower Upper

43 100

72 27.0 21.5 32.3



#26

2,2-Dichloropropane

Concen: 9.946 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009951.D

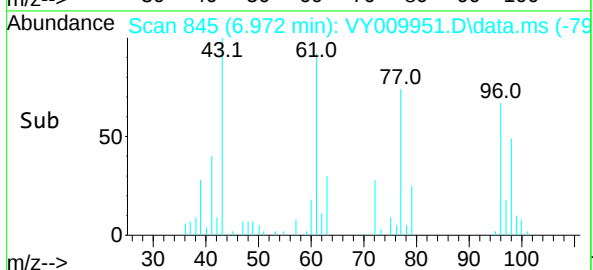
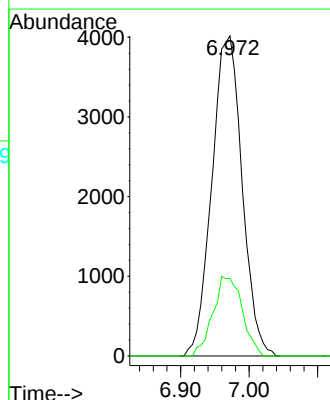
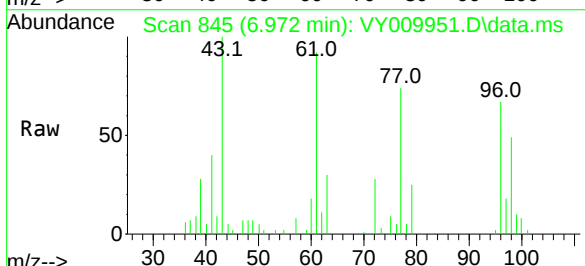
Acq: 10 Aug 2022 15:23

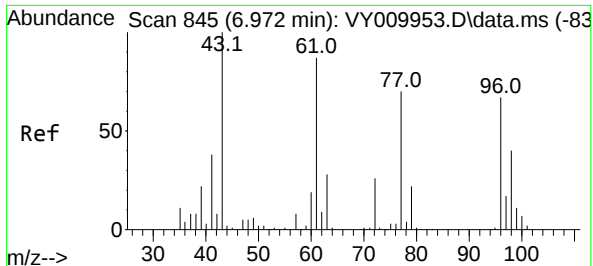
Tgt Ion: 77 Resp: 12286

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 11.093 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

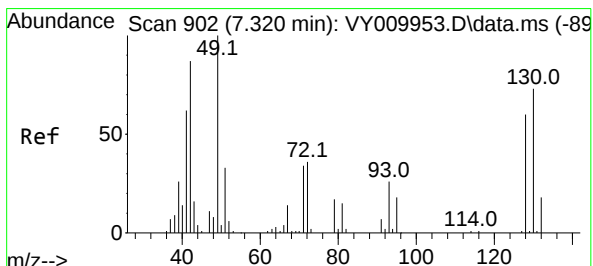
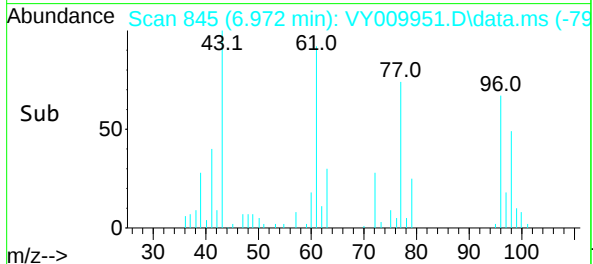
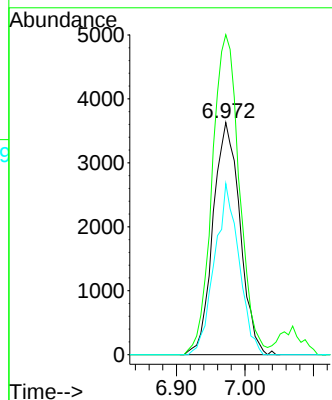
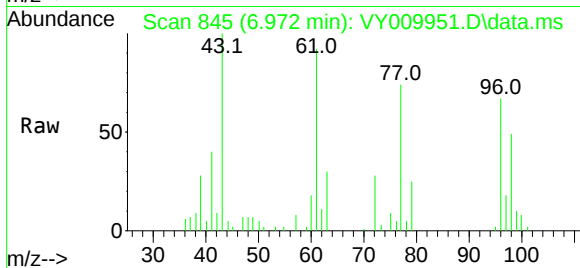
Tgt Ion: 96 Resp: 9892

Ion Ratio Lower Upper

96 100

61 139.4 0.0 285.6

98 66.9 0.0 131.0



#28

Bromochloromethane

Concen: 13.107 ug/l

RT: 7.320 min Scan# 902

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

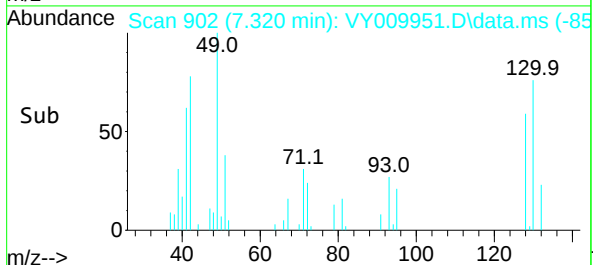
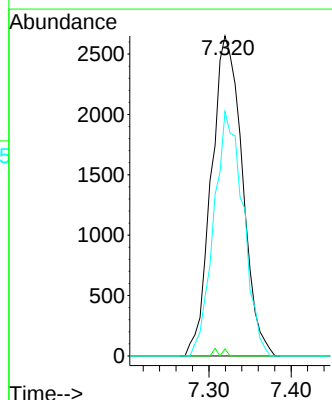
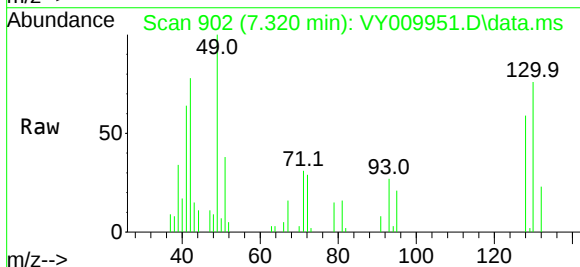
Tgt Ion: 49 Resp: 6926

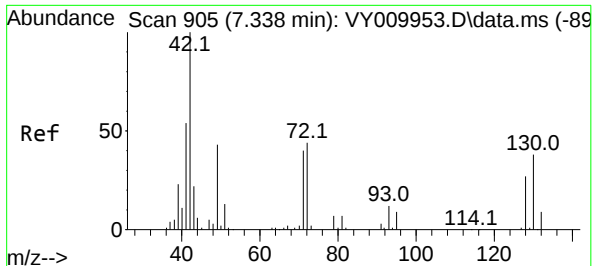
Ion Ratio Lower Upper

49 100

129 0.6 0.0 4.6

130 72.7 64.1 96.1





#29

Tetrahydrofuran

Concen: 50.268 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

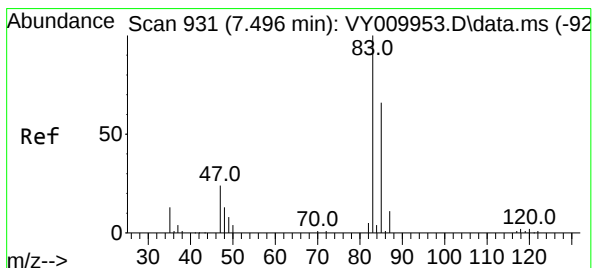
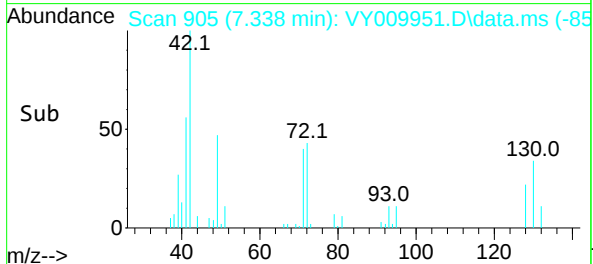
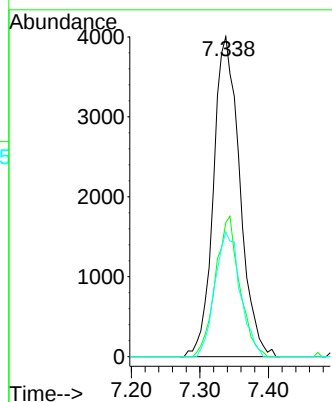
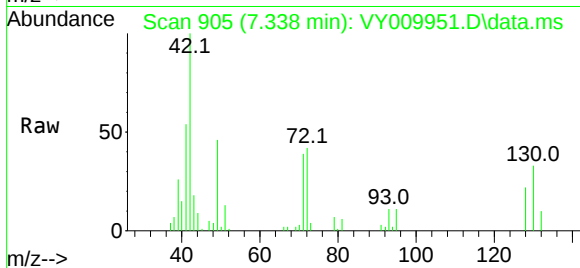
Tgt Ion: 42 Resp: 10675

Ion Ratio Lower Upper

42 100

72 40.2 34.6 52.0

71 37.6 32.7 49.1



#30

Chloroform

Concen: 10.907 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009951.D

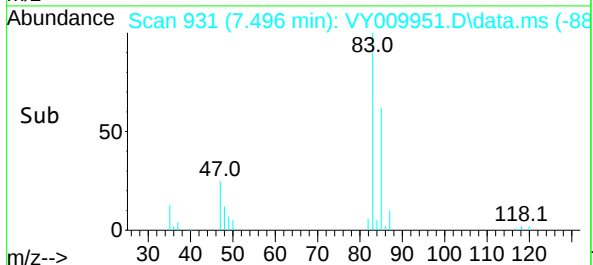
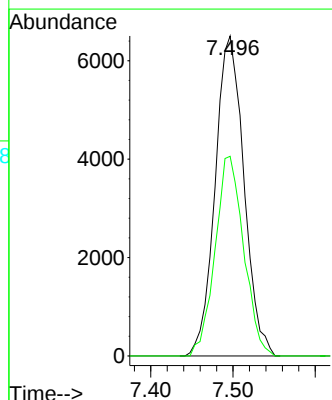
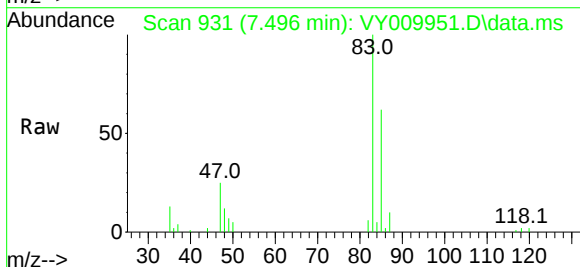
Acq: 10 Aug 2022 15:23

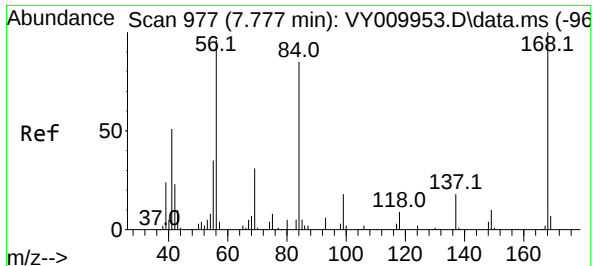
Tgt Ion: 83 Resp: 15815

Ion Ratio Lower Upper

83 100

85 62.4 50.5 75.7

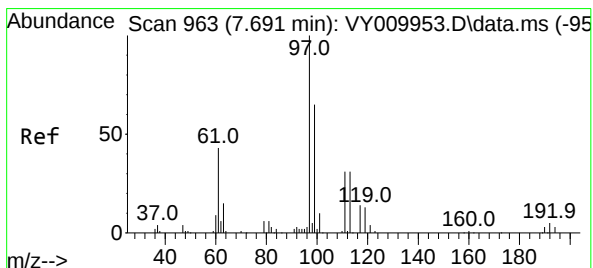
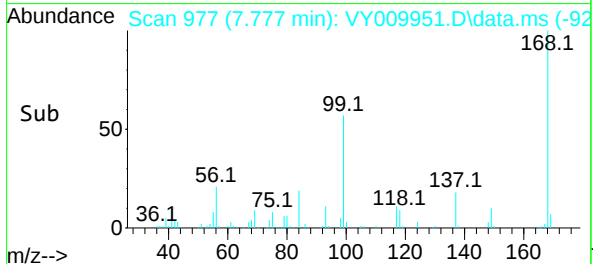
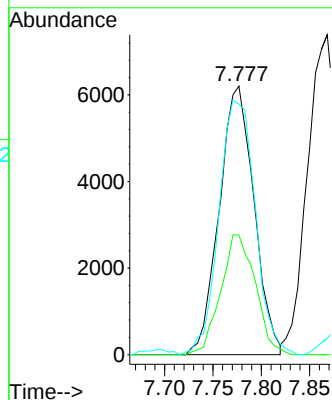
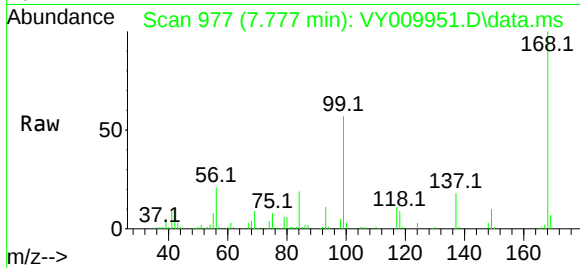




#31
Cyclohexane
Concen: 11.202 ug/l
RT: 7.777 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

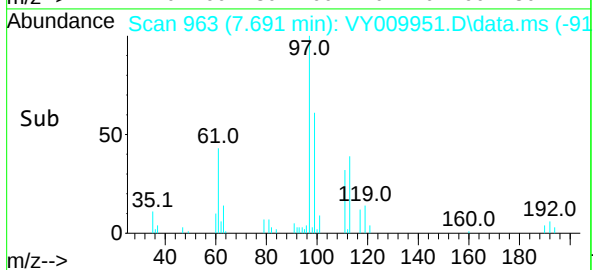
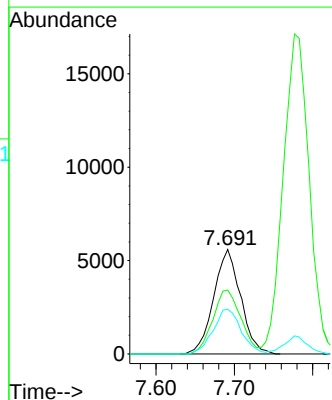
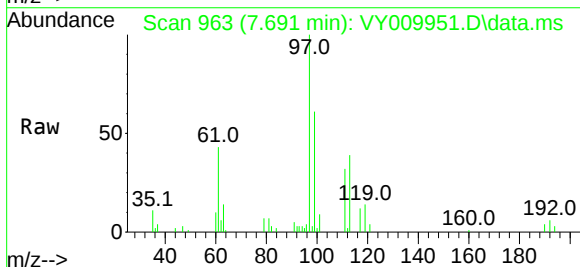
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

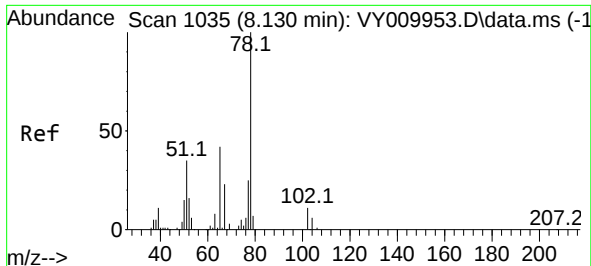
Tgt Ion: 56 Resp: 15503
Ion Ratio Lower Upper
56 100
69 44.6 26.0 39.0#
84 93.4 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 10.927 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion: 97 Resp: 13352
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.8
61 44.7 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 12.065 ug/l

RT: 8.130 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

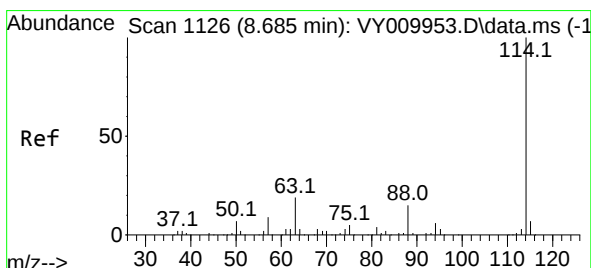
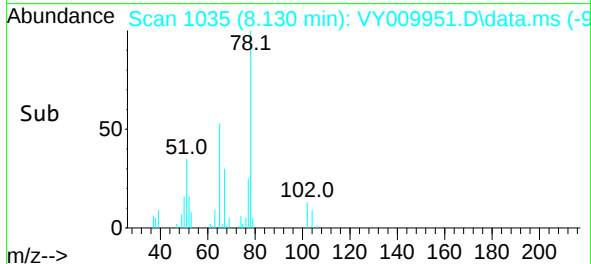
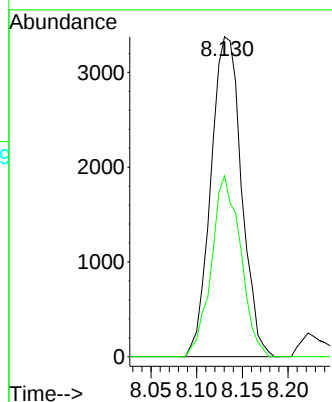
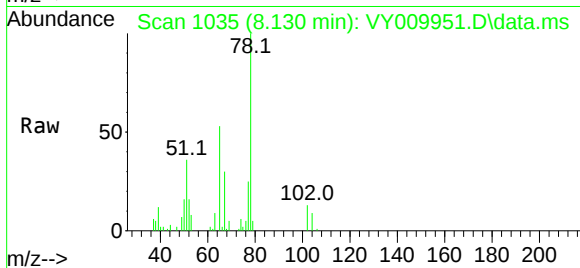
VSTDIC010

Tgt Ion: 65 Resp: 7877

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

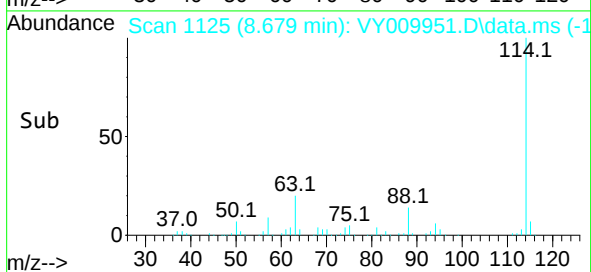
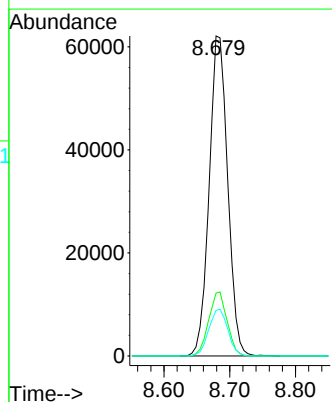
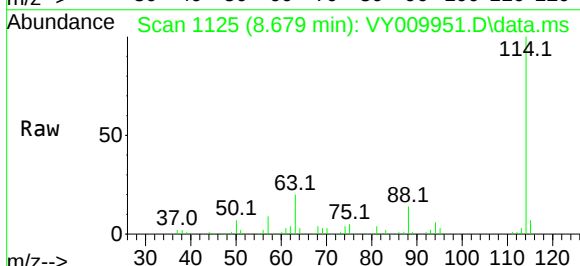
Tgt Ion: 114 Resp: 121679

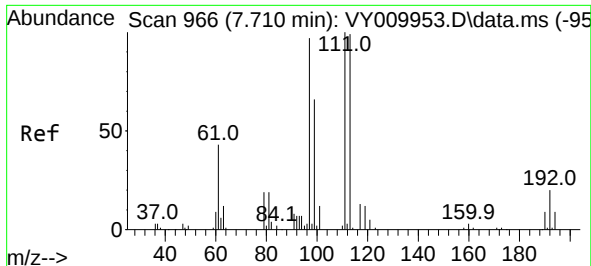
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

88 14.2 0.0 30.0

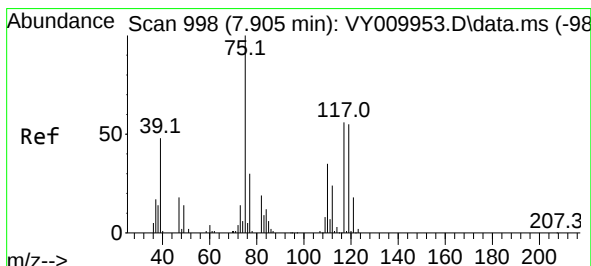
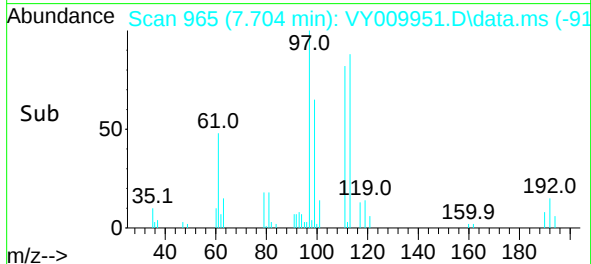
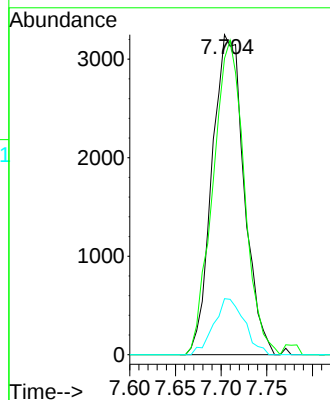
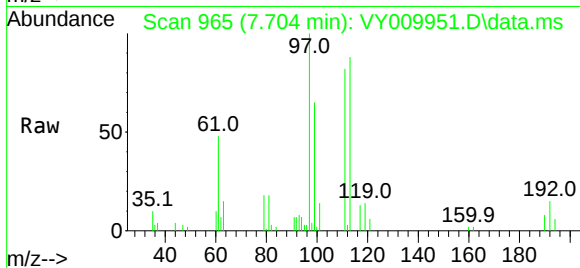




#35
Dibromofluoromethane
Concen: 11.886 ug/l
RT: 7.704 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

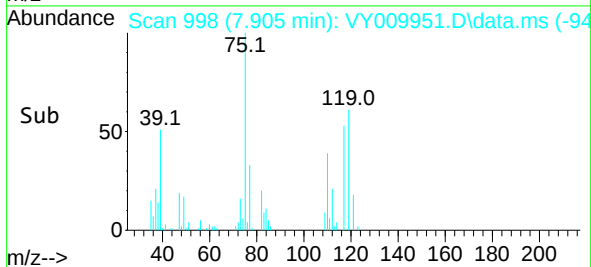
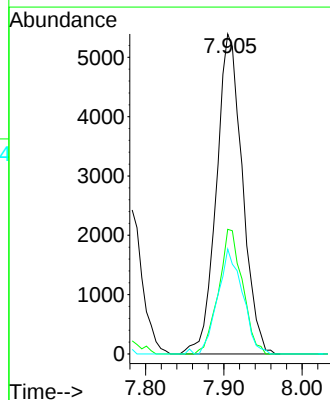
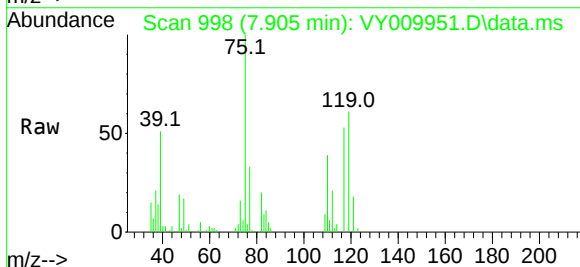
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

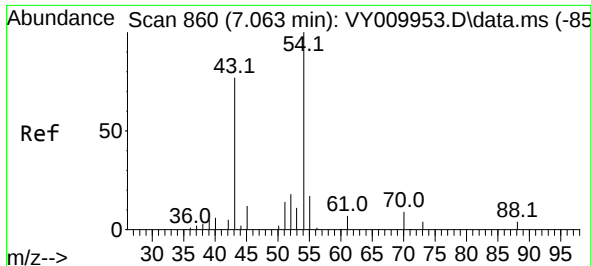
Tgt Ion:113 Resp: 7903
Ion Ratio Lower Upper
113 100
111 96.7 80.6 120.8
192 16.8 16.2 24.4



#36
1,1-Dichloropropene
Concen: 11.072 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion: 75 Resp: 12443
Ion Ratio Lower Upper
75 100
110 35.9 18.6 56.0
77 31.1 25.0 37.4

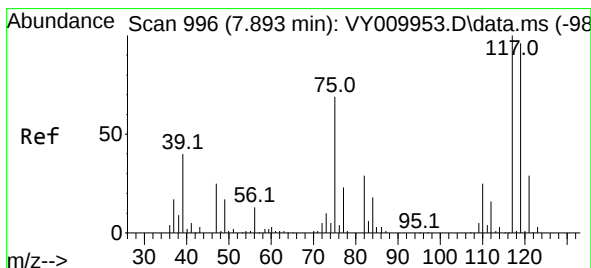
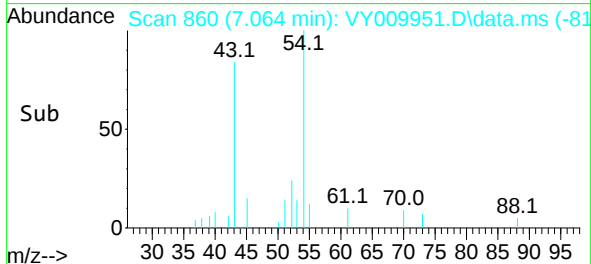
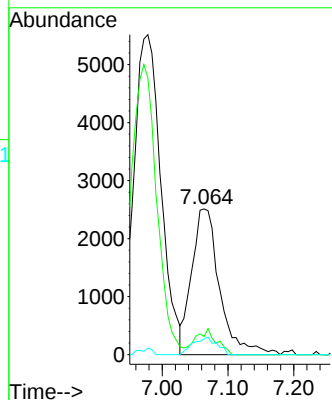
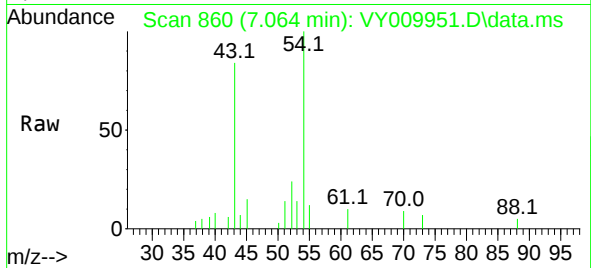




#37
Ethyl Acetate
Concen: 10.146 ug/l
RT: 7.064 min Scan# 860
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

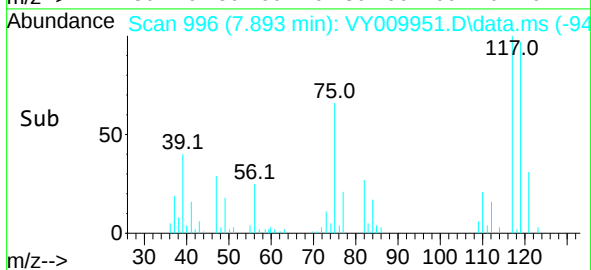
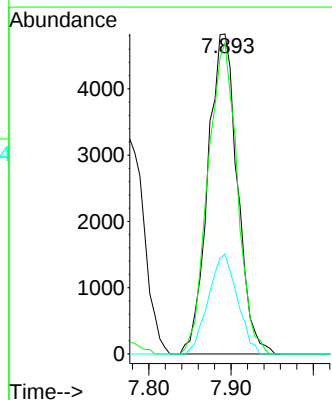
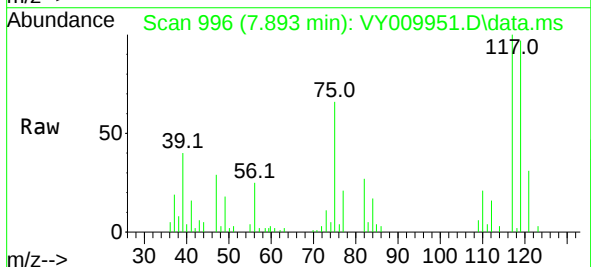
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

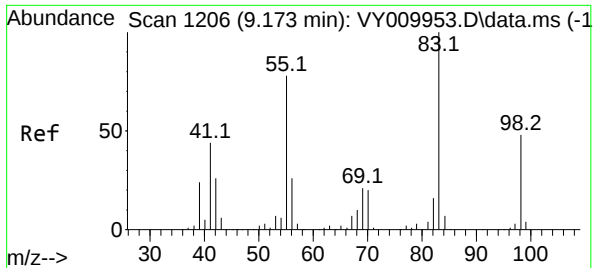
Tgt Ion: 43	Resp:	7418	
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.2	16.8
70	10.1	8.4	12.6



#38
Carbon Tetrachloride
Concen: 10.876 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion:117	Resp:	12048	
Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.9	113.9
121	31.2	24.9	37.3





#39

Methylcyclohexane

Concen: 10.642 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

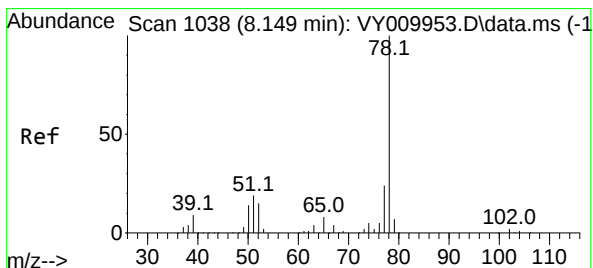
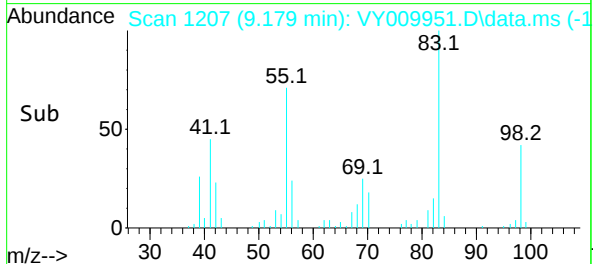
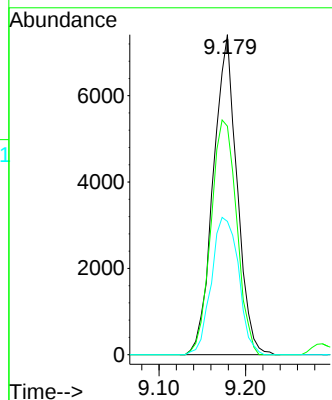
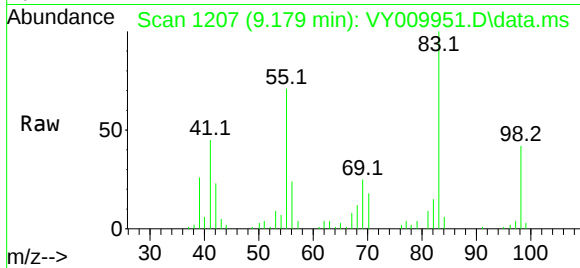
Tgt Ion: 83 Resp: 14100

Ion Ratio Lower Upper

83 100

55 71.4 56.7 85.1

98 41.6 39.9 59.9



#40

Benzene

Concen: 11.059 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY009951.D

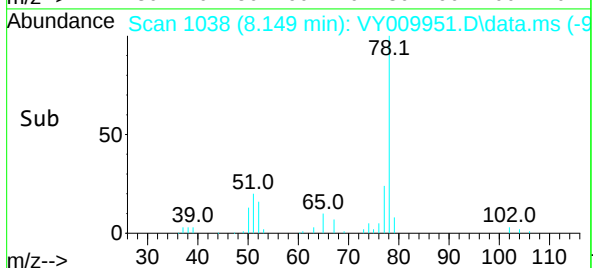
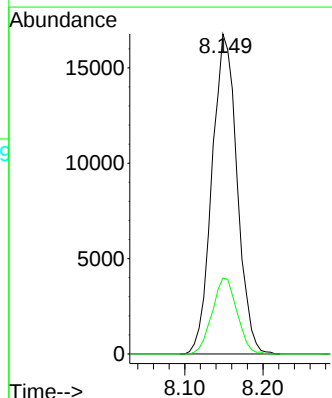
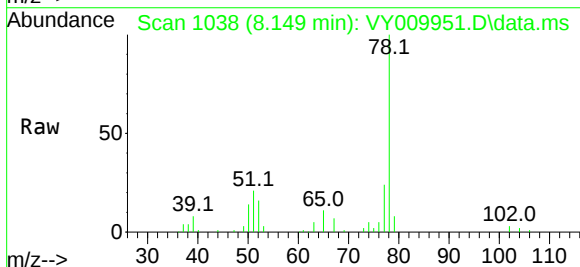
Acq: 10 Aug 2022 15:23

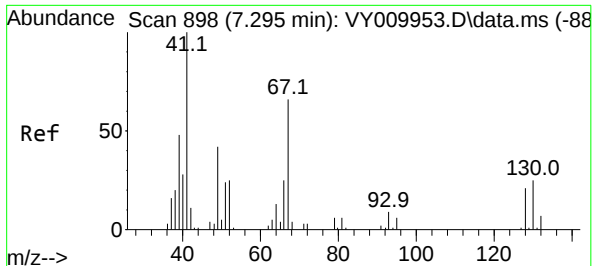
Tgt Ion: 78 Resp: 37279

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.0

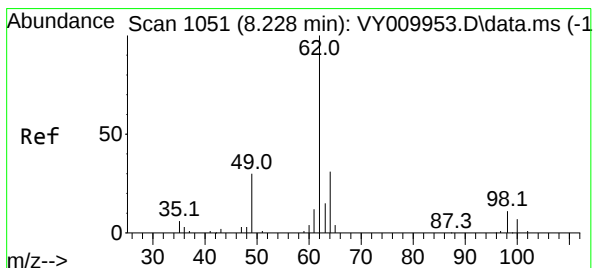
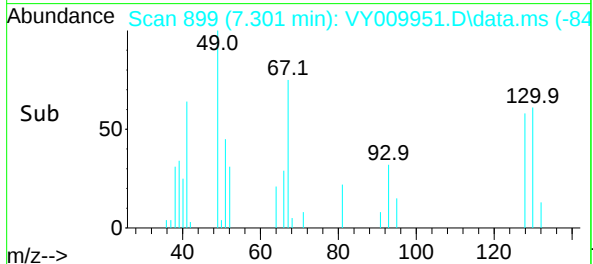
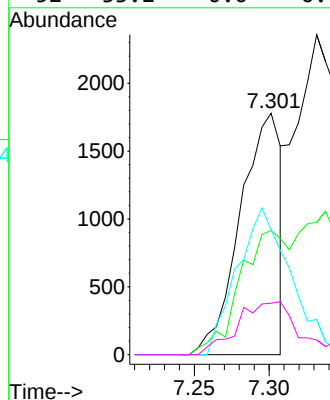
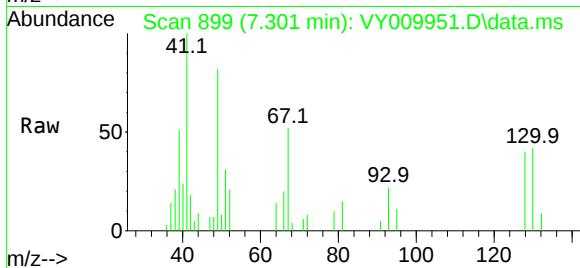




#41
Methacrylonitrile
Concen: 8.466 ug/l
RT: 7.301 min Scan# 898
Delta R.T. 0.006 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

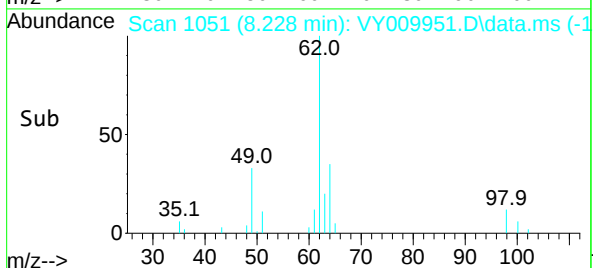
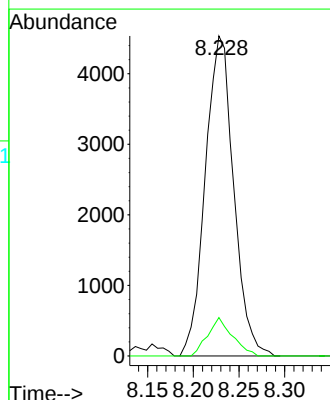
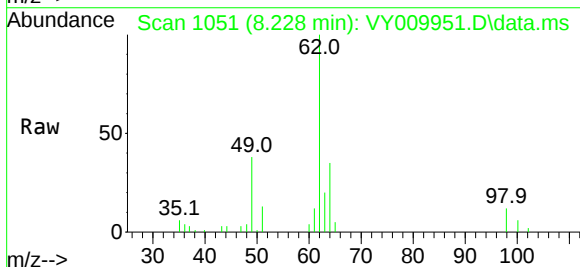
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

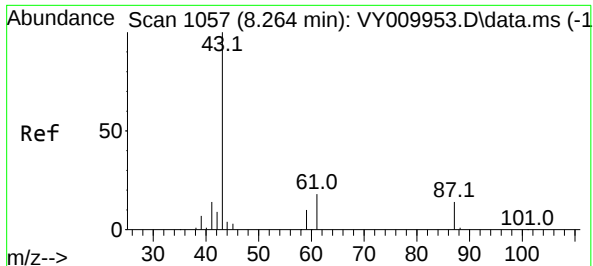
Tgt Ion:	41	Resp:	3387
Ion	Ratio	Lower	Upper
41	100		
39	61.3	0.0	0.0#
67	79.3	0.0	0.0#
52	33.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 10.517 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion:	62	Resp:	9788
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.6

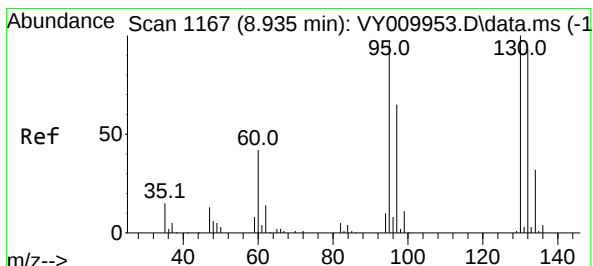
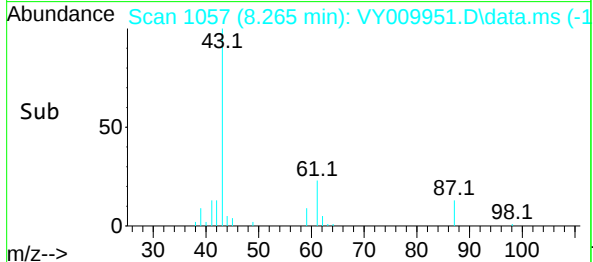
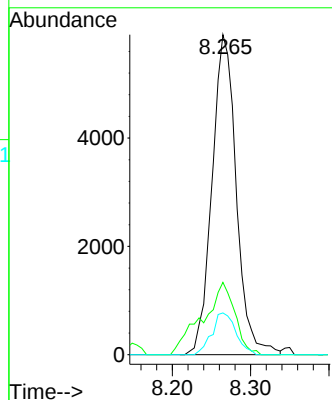
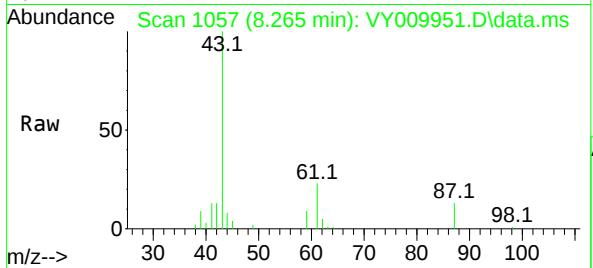




#43
Isopropyl Acetate
Concen: 9.829 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

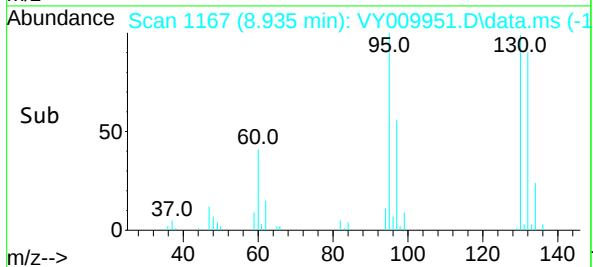
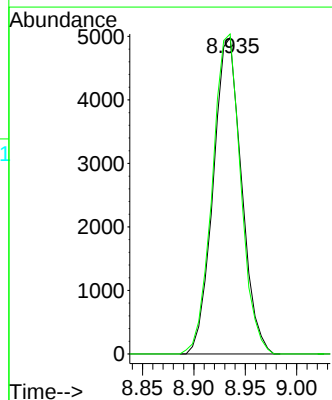
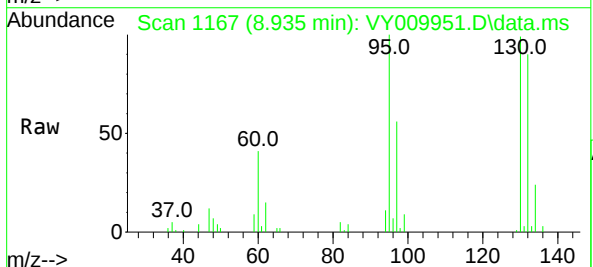
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

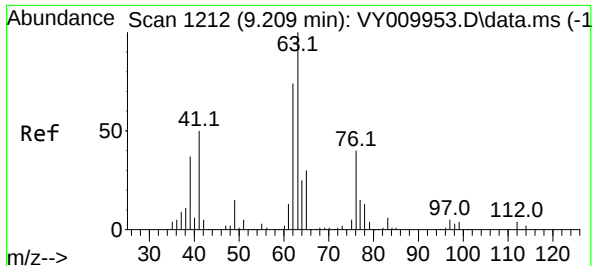
Tgt Ion: 43 Resp: 12739
Ion Ratio Lower Upper
43 100
61 30.2 23.6 35.4
87 12.9 11.3 16.9



#44
Trichloroethene
Concen: 10.889 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion:130 Resp: 9516
Ion Ratio Lower Upper
130 100
95 101.2 0.0 194.6





#45

1,2-Dichloropropane

Concen: 10.880 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

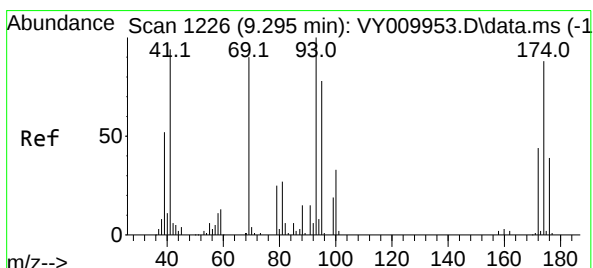
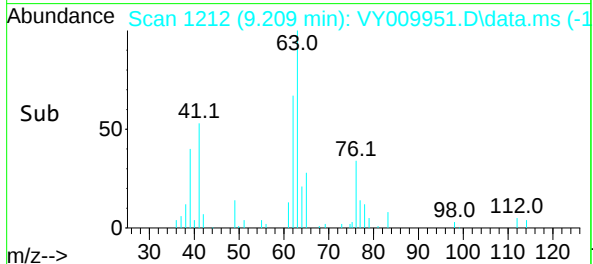
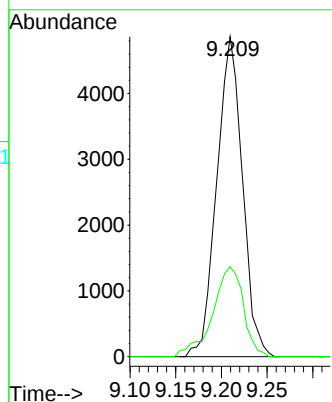
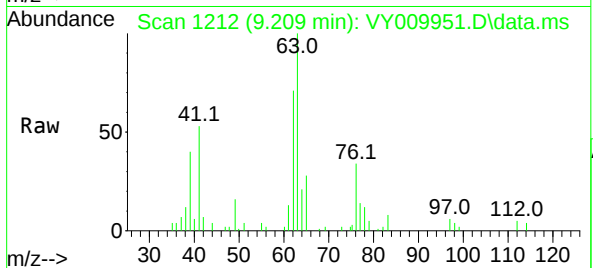
VSTDIC010

Tgt Ion: 63 Resp: 9494

Ion Ratio Lower Upper

63 100

65 28.1 23.7 35.5



#46

Dibromomethane

Concen: 10.751 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

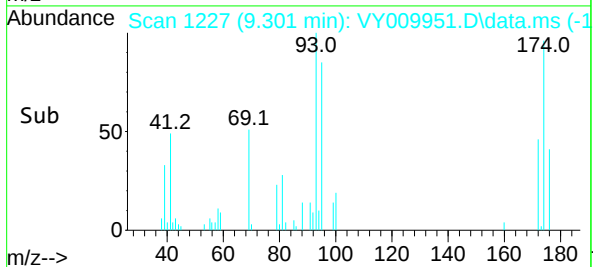
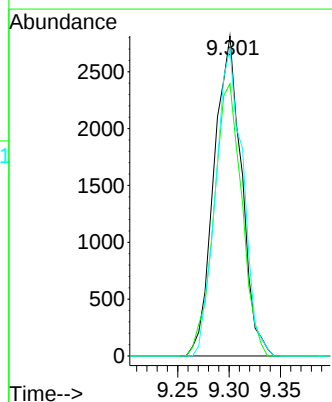
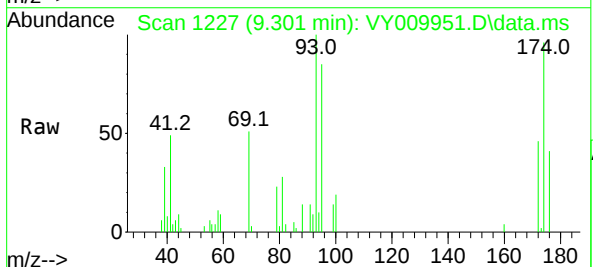
Tgt Ion: 93 Resp: 5236

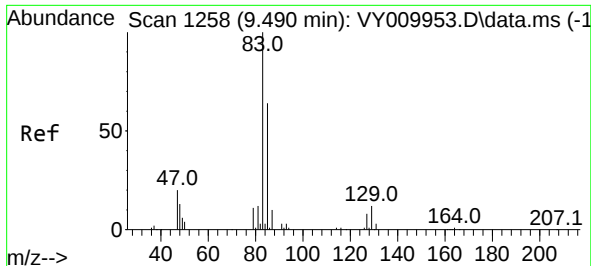
Ion Ratio Lower Upper

93 100

95 86.4 66.3 99.5

174 95.2 80.6 120.8

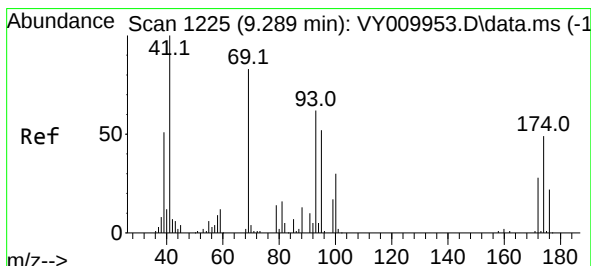
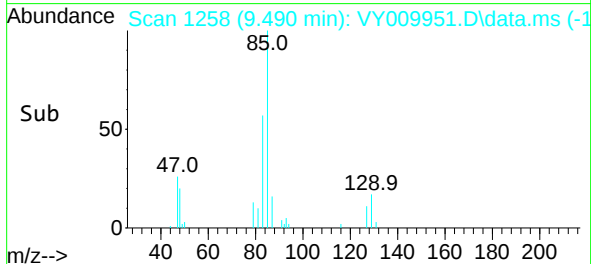
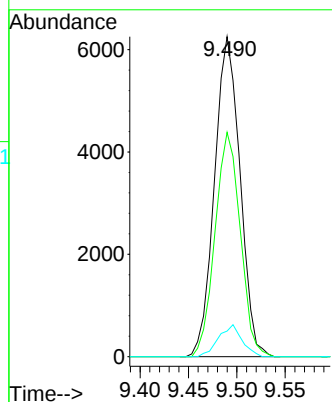
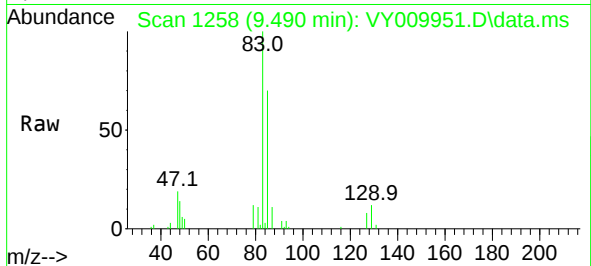




#47
Bromodichloromethane
Concen: 10.281 ug/l
RT: 9.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

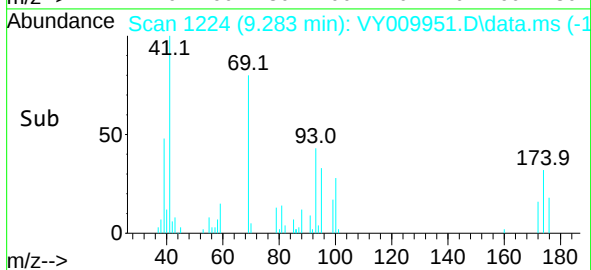
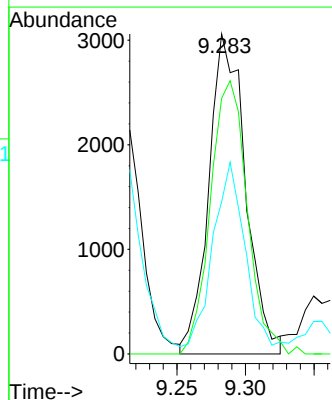
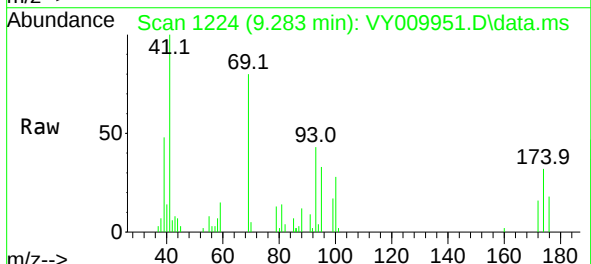
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

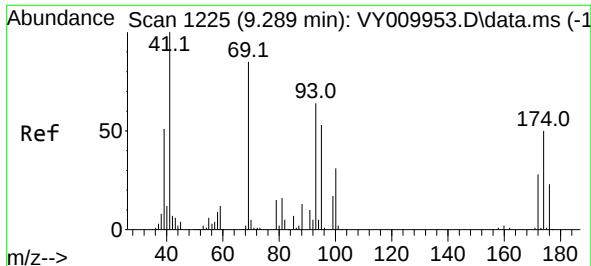
Tgt Ion: 83 Resp: 11483
Ion Ratio Lower Upper
83 100
85 70.1 51.2 76.8
127 8.0 7.1 10.7



#48
Methyl methacrylate
Concen: 9.845 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion: 41 Resp: 5683
Ion Ratio Lower Upper
41 100
69 86.2 73.2 109.8
39 55.2 47.5 71.3





#49

1,4-Dioxane

Concen: 197.803 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

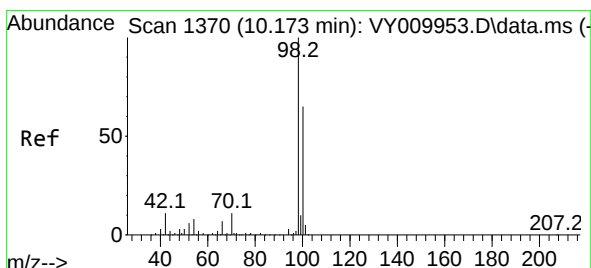
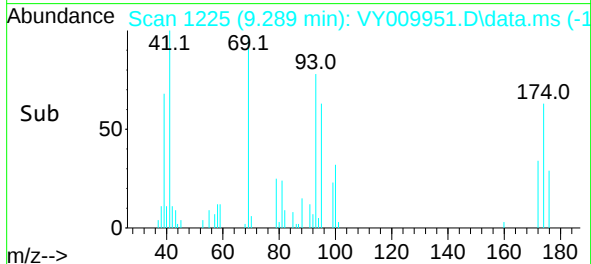
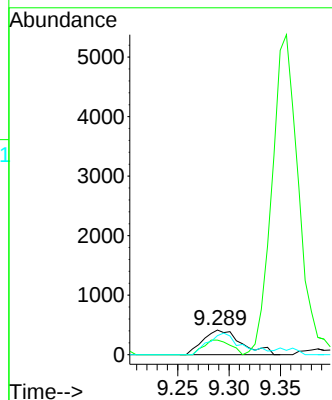
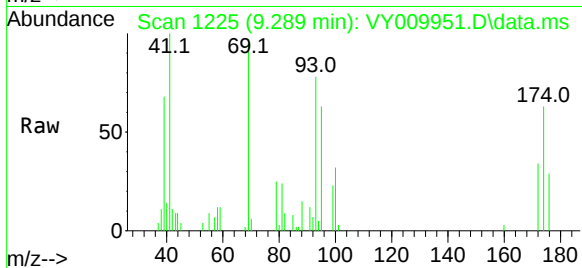
Tgt Ion: 88 Resp: 1070

Ion Ratio Lower Upper

88 100

43 41.9 26.3 39.5#

58 75.0 52.6 79.0



#50

Toluene-d8

Concen: 12.566 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY009951.D

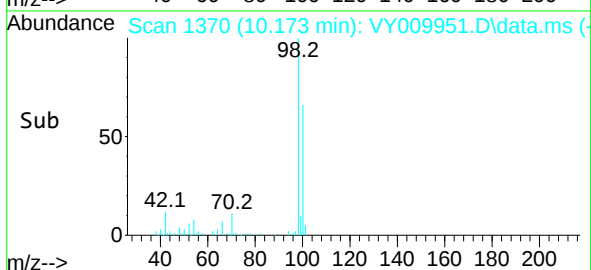
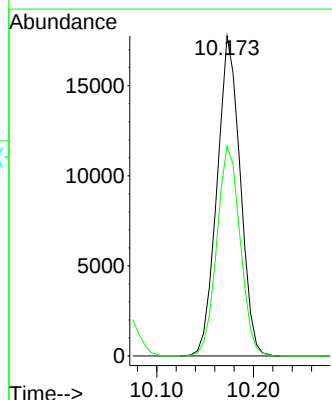
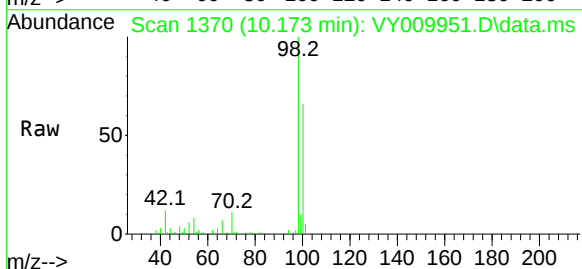
Acq: 10 Aug 2022 15:23

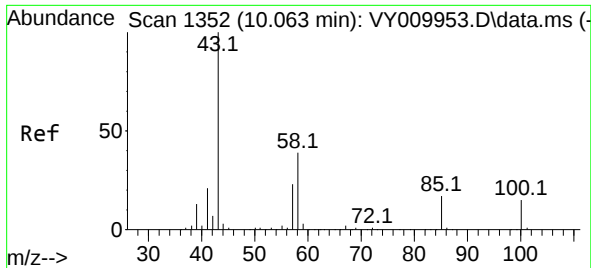
Tgt Ion: 98 Resp: 29503

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3

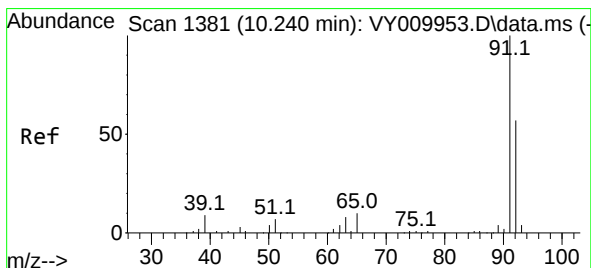
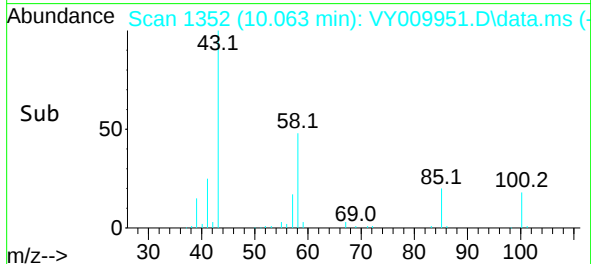
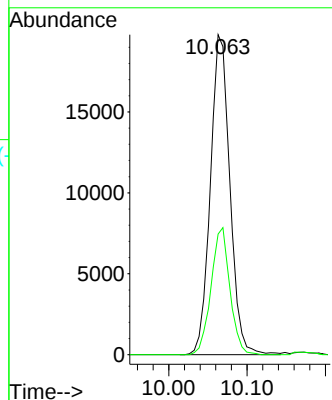
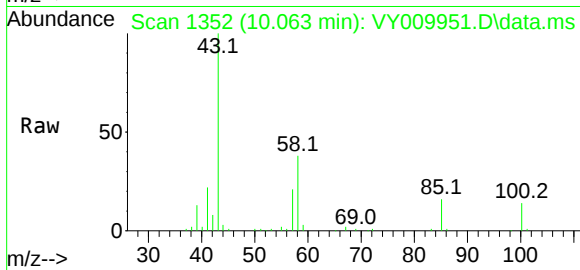




#51
4-Methyl-2-Pentanone
Concen: 47.754 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

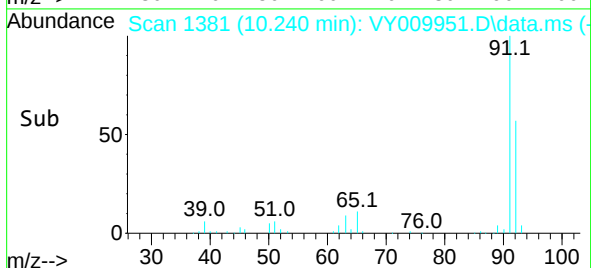
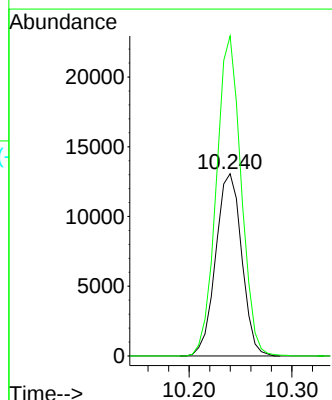
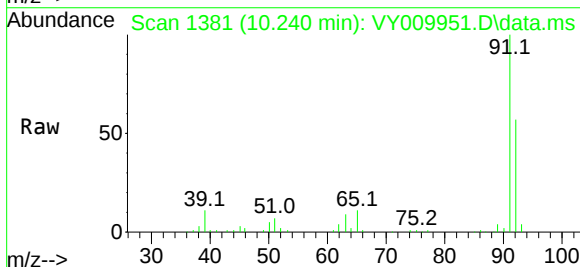
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

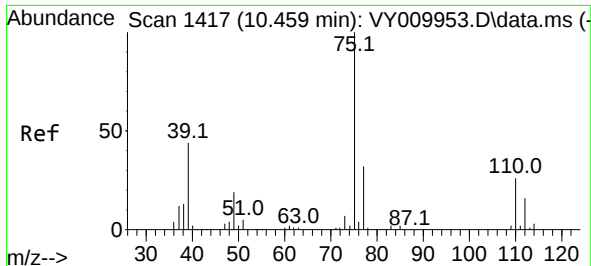
Tgt Ion: 43 Resp: 34204
Ion Ratio Lower Upper
43 100
58 38.3 31.5 47.3



#52
Toluene
Concen: 10.935 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion: 92 Resp: 22889
Ion Ratio Lower Upper
92 100
91 167.7 138.7 208.1

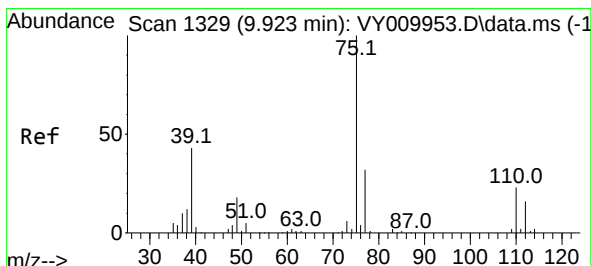
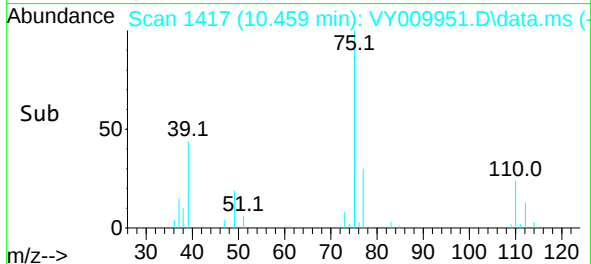
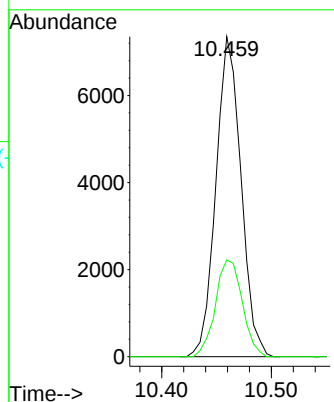
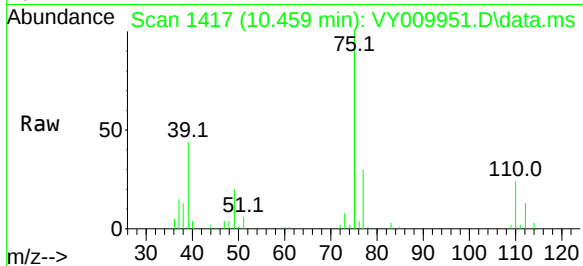




#53
t-1,3-Dichloropropene
Concen: 9.965 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

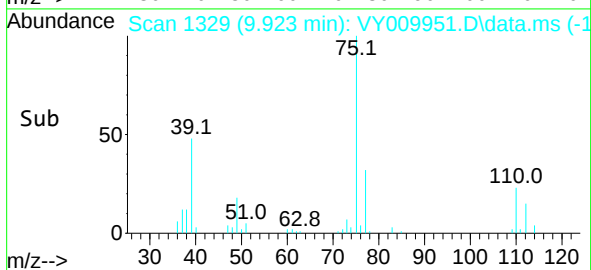
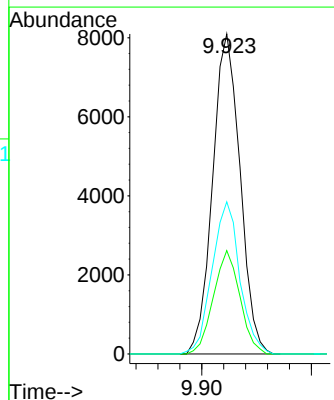
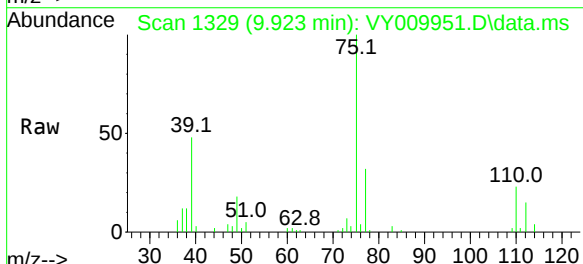
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

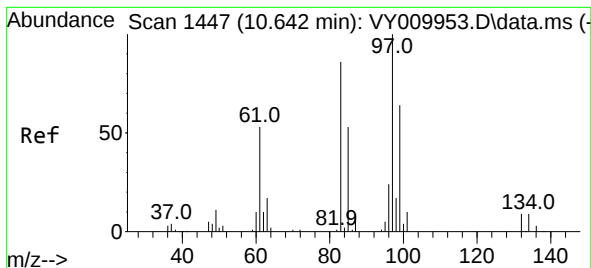
Tgt Ion: 75 Resp: 11674
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 10.506 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion: 75 Resp: 14057
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8
39 47.5 35.8 53.8





#55

1,1,2-Trichloroethane

Concen: 10.587 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 7437

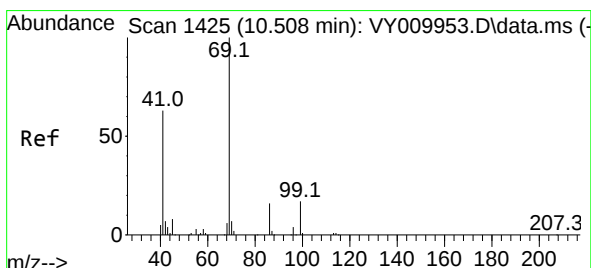
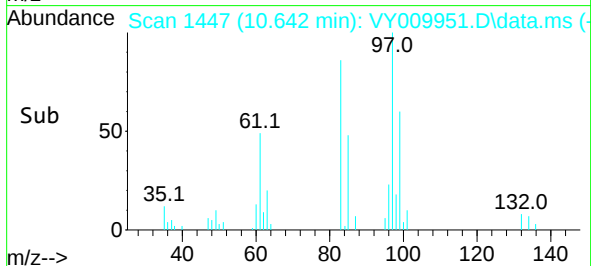
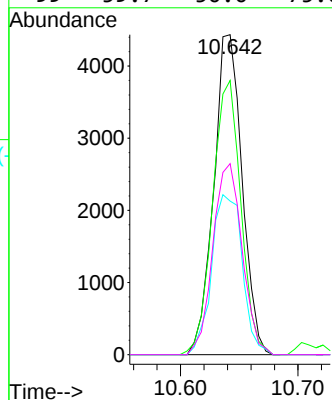
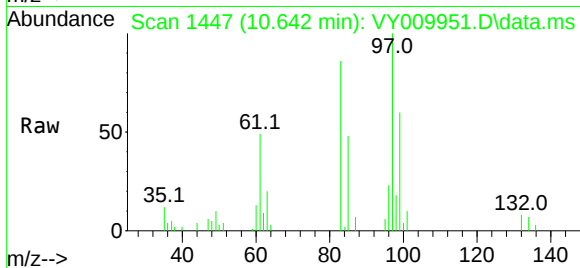
Ion Ratio Lower Upper

97 100

83 85.7 66.9 100.3

85 48.0 44.2 66.4

99 59.7 50.0 75.0



#56

Ethyl methacrylate

Concen: 9.102 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

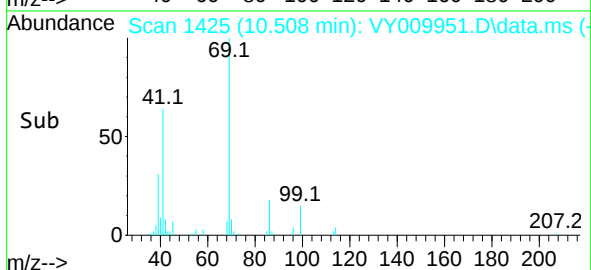
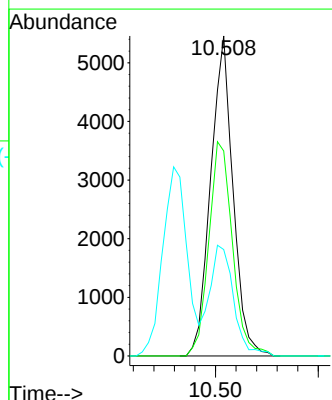
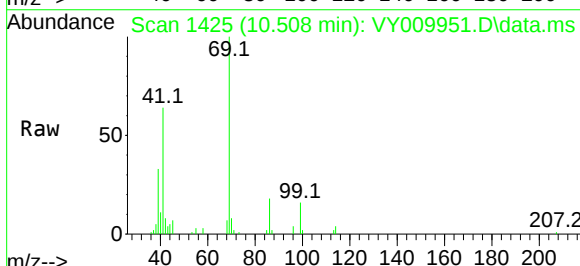
Tgt Ion: 69 Resp: 8233

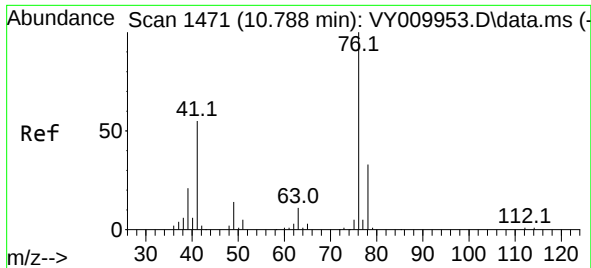
Ion Ratio Lower Upper

69 100

41 70.8 50.4 75.6

39 37.3 27.6 41.4

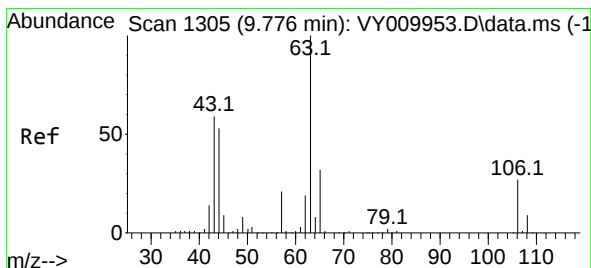
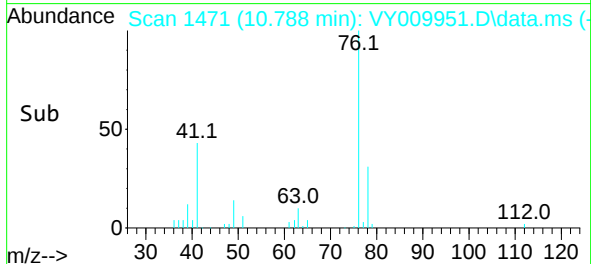
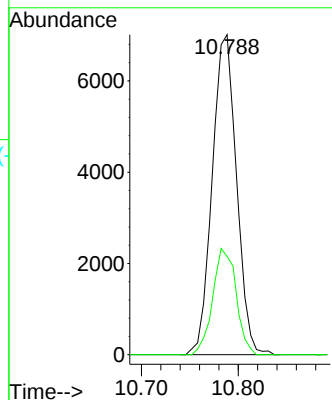
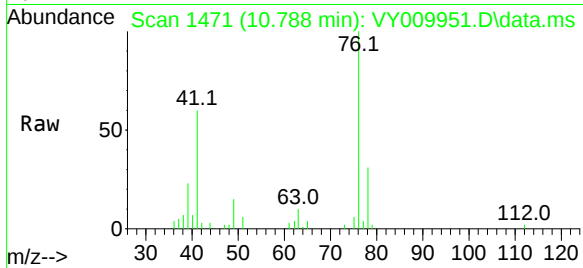




#57
1,3-Dichloropropane
Concen: 10.383 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

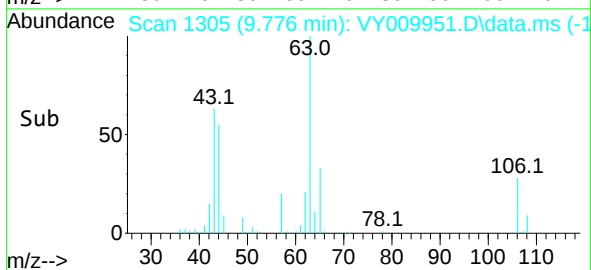
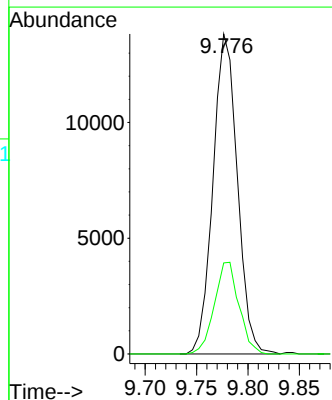
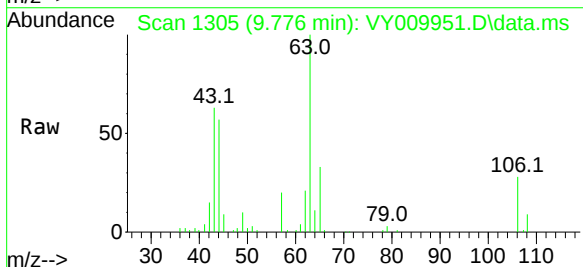
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

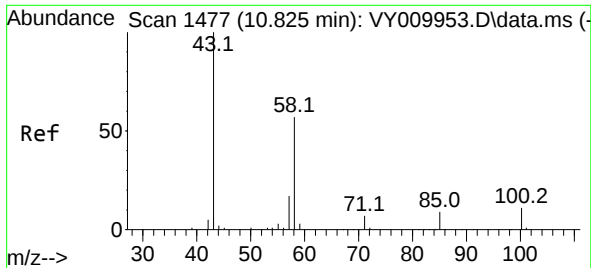
Tgt Ion: 76 Resp: 12228
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 52.801 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion: 63 Resp: 22779
Ion Ratio Lower Upper
63 100
106 28.9 23.3 34.9





#59

2-Hexanone

Concen: 46.583 ug/l

RT: 10.831 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

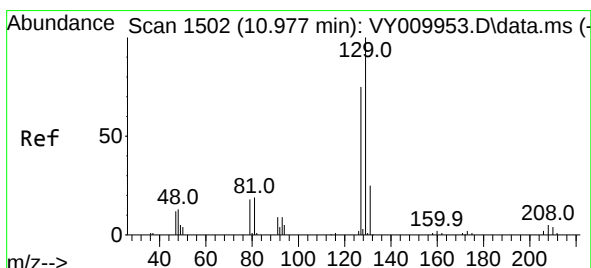
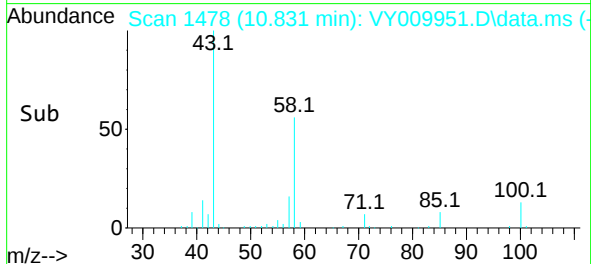
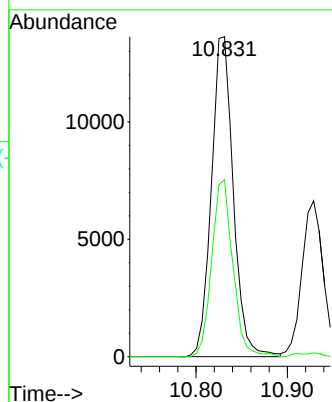
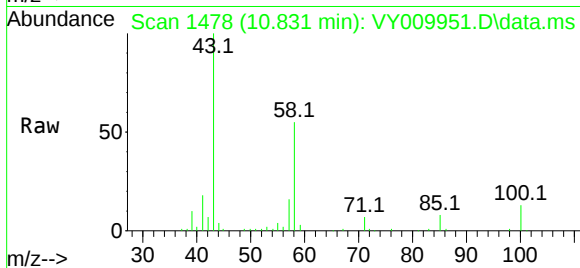
VSTDIC010

Tgt Ion: 43 Resp: 22662

Ion Ratio Lower Upper

43 100

58 53.2 27.6 82.8



#60

Dibromochloromethane

Concen: 10.079 ug/l

RT: 10.977 min Scan# 1502

Delta R.T. 0.000 min

Lab File: VY009951.D

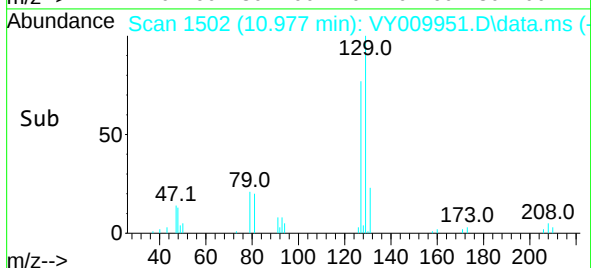
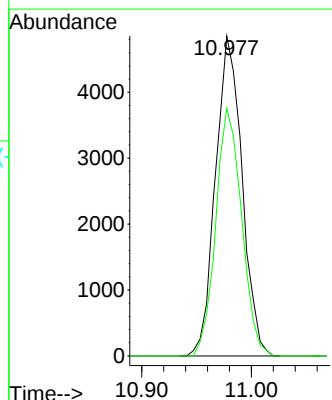
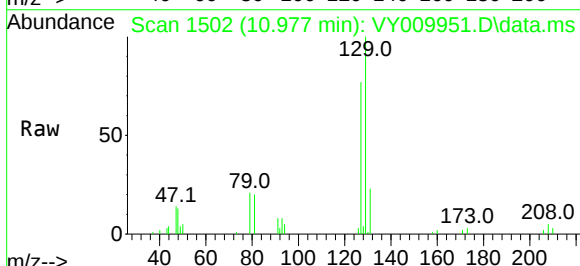
Acq: 10 Aug 2022 15:23

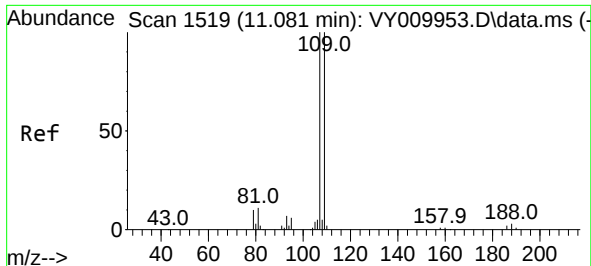
Tgt Ion:129 Resp: 8156

Ion Ratio Lower Upper

129 100

127 75.5 38.8 116.4

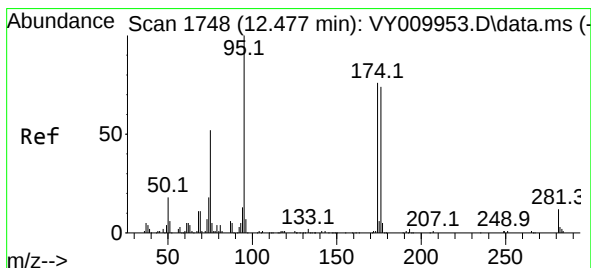
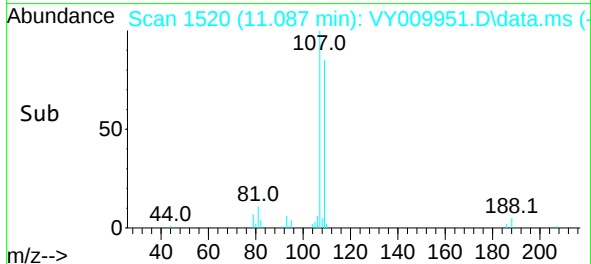
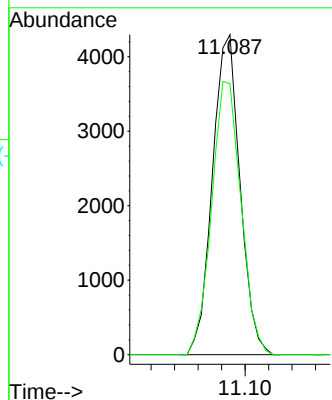
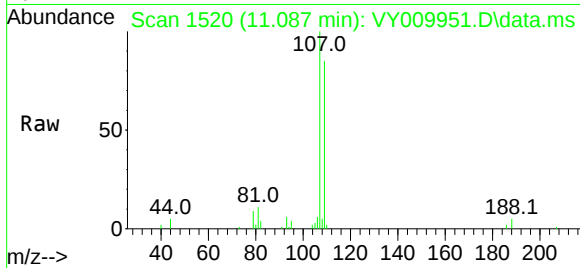




#61
1,2-Dibromoethane
Concen: 10.527 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

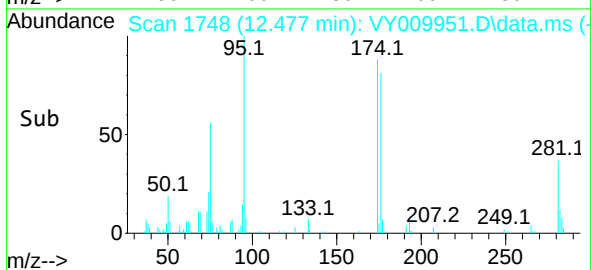
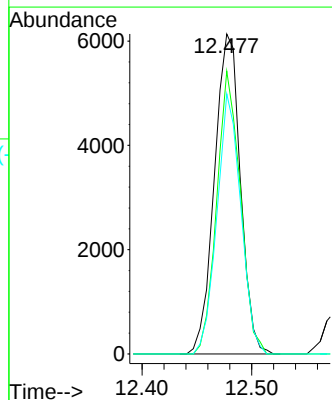
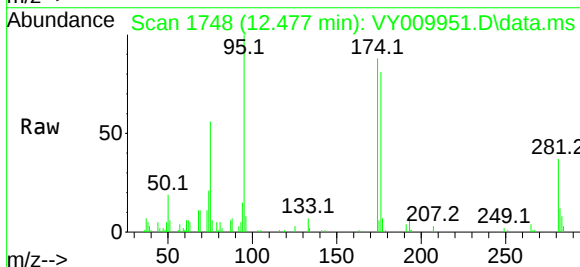
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

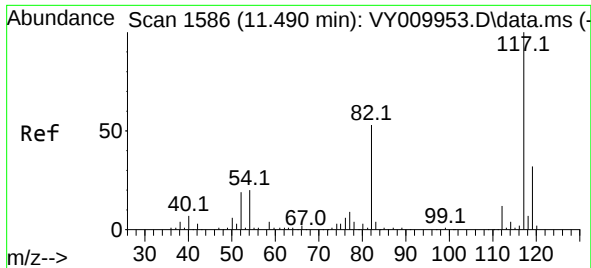
Tgt Ion:107 Resp: 7008
Ion Ratio Lower Upper
107 100
109 90.9 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 10.812 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion: 95 Resp: 10093
Ion Ratio Lower Upper
95 100
174 80.4 0.0 173.8
176 74.7 0.0 167.0

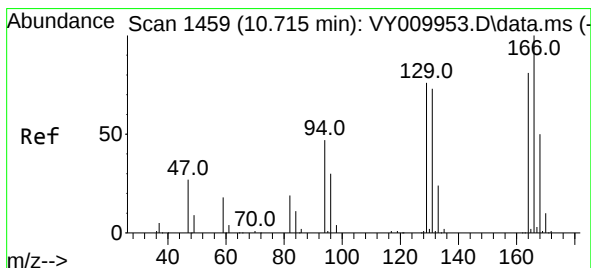
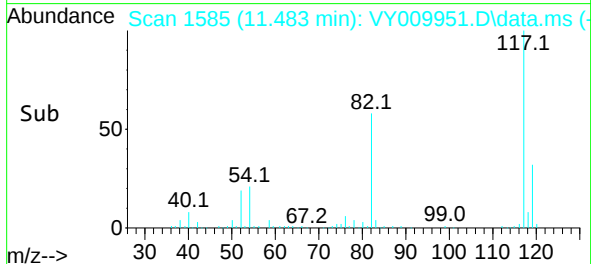
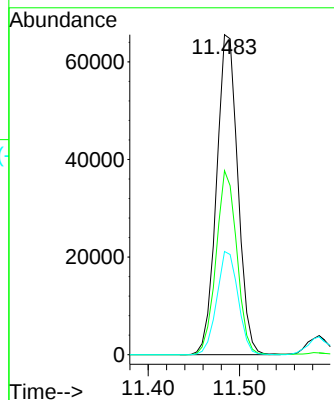
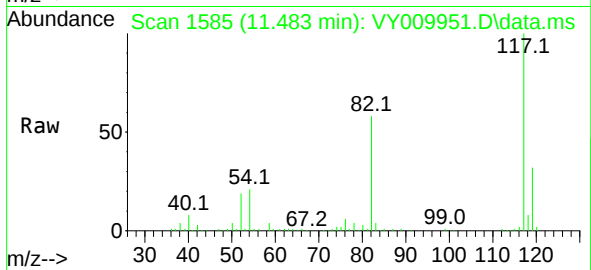




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

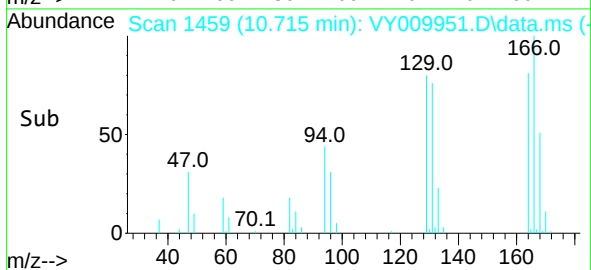
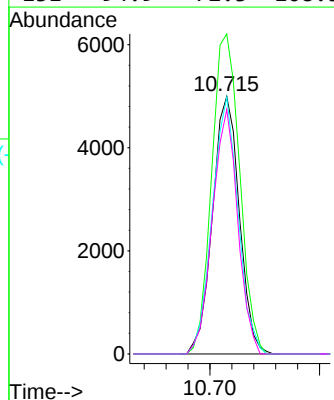
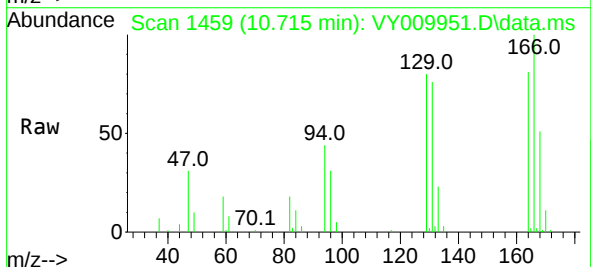
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

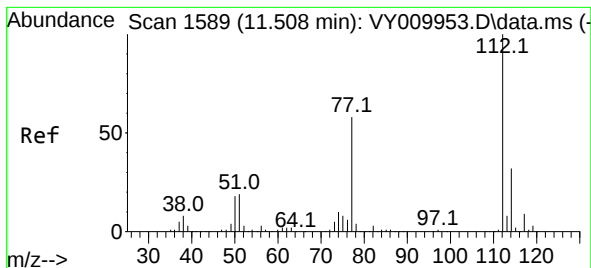
Tgt Ion:117 Resp: 106314
Ion Ratio Lower Upper
117 100
82 57.5 41.8 62.6
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 10.732 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion:164 Resp: 8450
Ion Ratio Lower Upper
164 100
166 124.2 104.9 157.3
129 99.6 76.5 114.7
131 94.9 72.3 108.5





#65

Chlorobenzene

Concen: 11.100 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

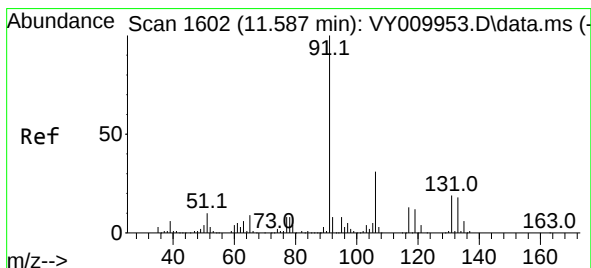
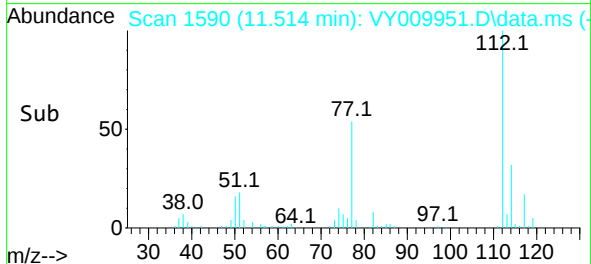
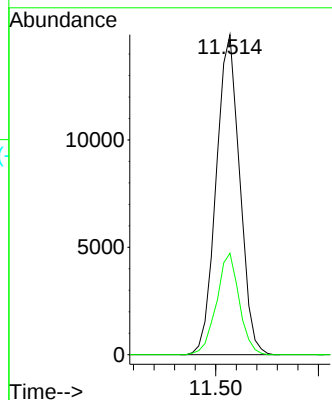
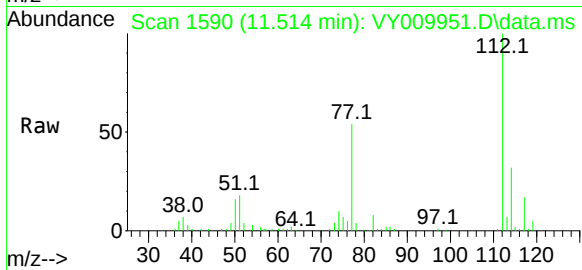
VSTDIC010

Tgt Ion:112 Resp: 23642

Ion Ratio Lower Upper

112 100

114 31.7 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 11.233 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

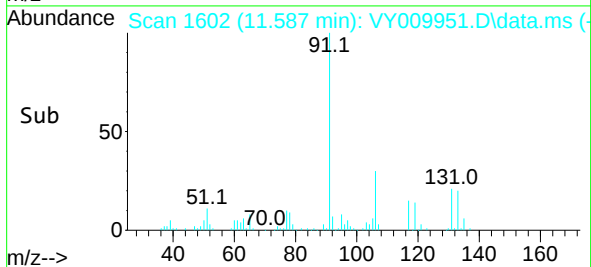
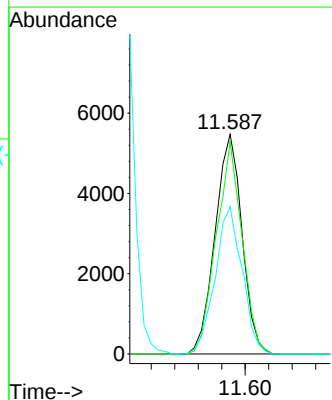
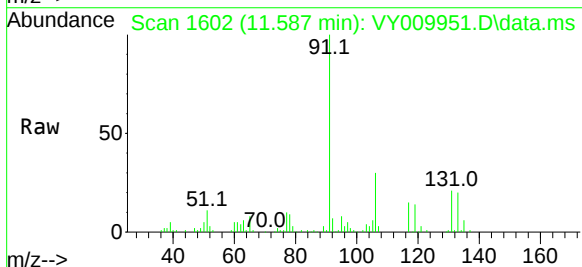
Tgt Ion:131 Resp: 8706

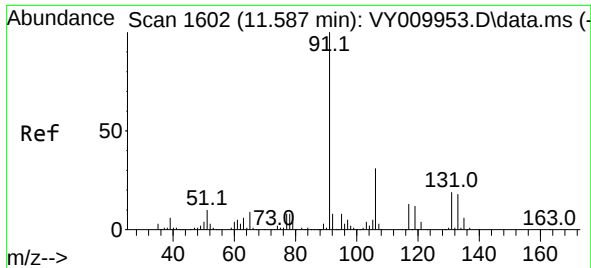
Ion Ratio Lower Upper

131 100

133 92.7 47.3 142.0

119 67.4 32.1 96.3

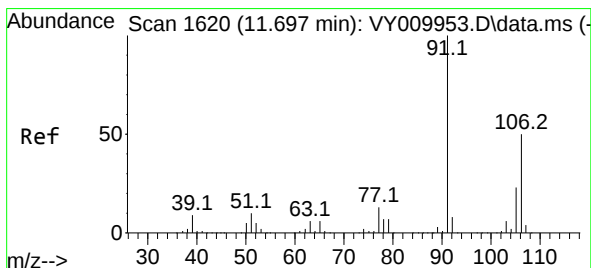
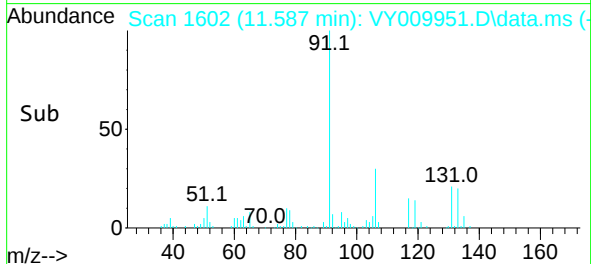
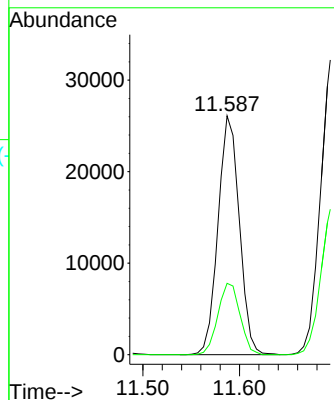
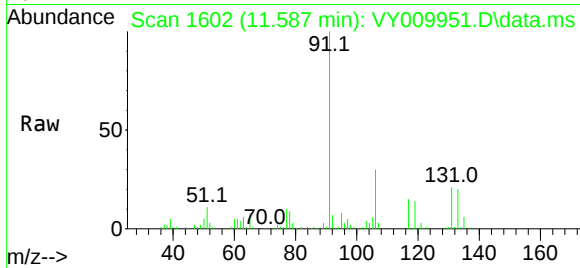




#67
Ethyl Benzene
Concen: 10.715 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

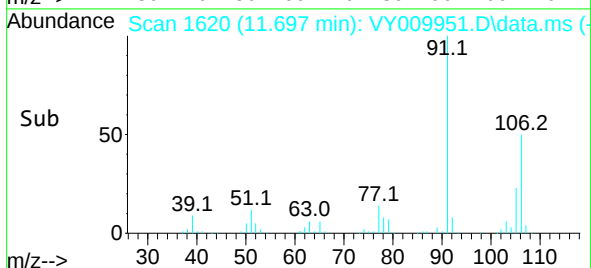
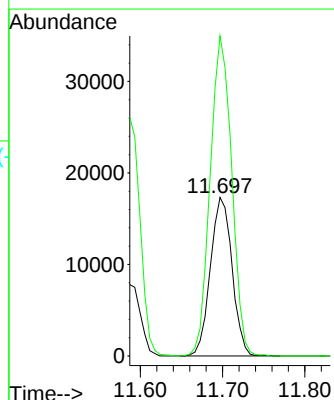
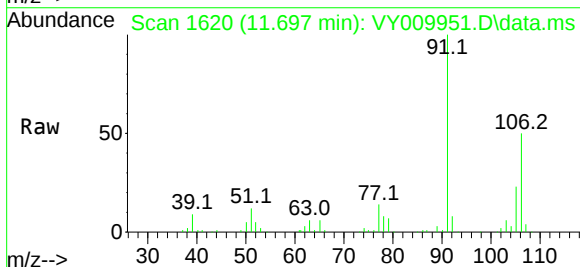
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

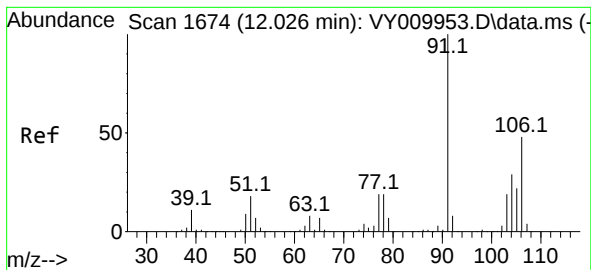
Tgt Ion: 91 Resp: 39868
Ion Ratio Lower Upper
91 100
106 29.9 26.2 39.4



#68
m/p-Xylenes
Concen: 22.084 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion: 106 Resp: 31765
Ion Ratio Lower Upper
106 100
91 201.1 156.2 234.2

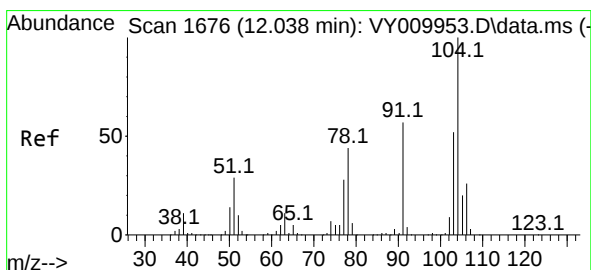
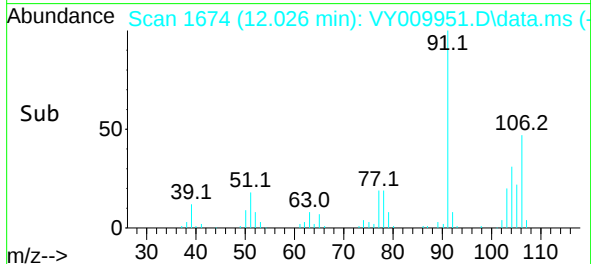
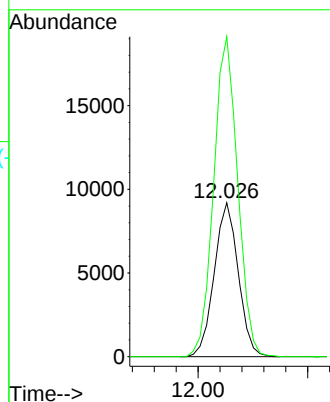
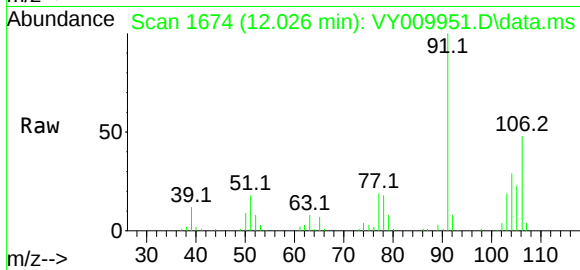




#69
o-Xylene
Concen: 10.427 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

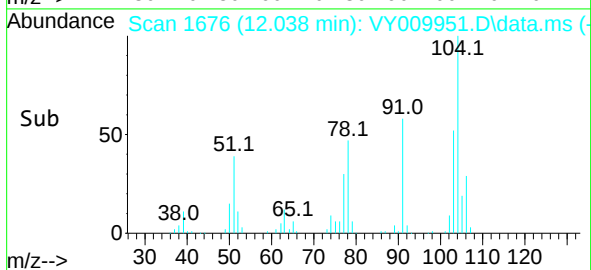
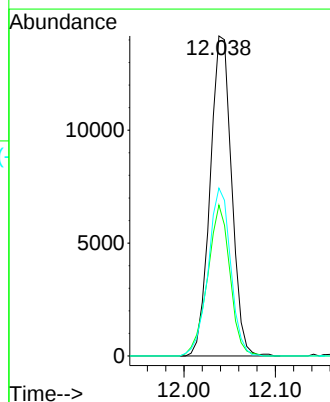
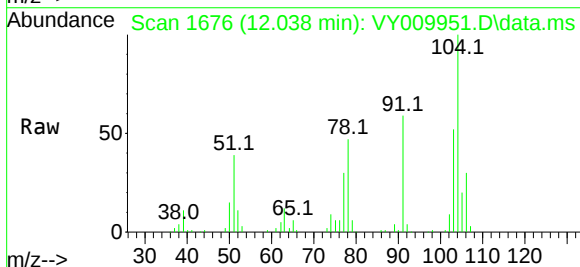
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

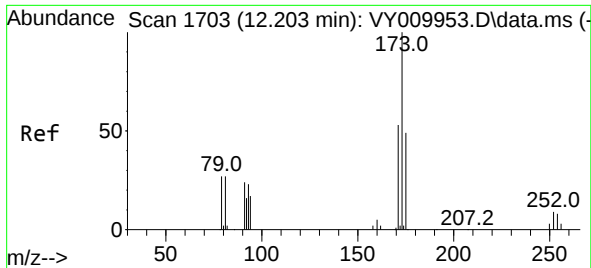
Tgt Ion:106 Resp: 13983
Ion Ratio Lower Upper
106 100
91 207.6 103.2 309.4



#70
Styrene
Concen: 10.033 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion:104 Resp: 23176
Ion Ratio Lower Upper
104 100
78 49.0 38.6 57.8
103 54.8 43.3 64.9

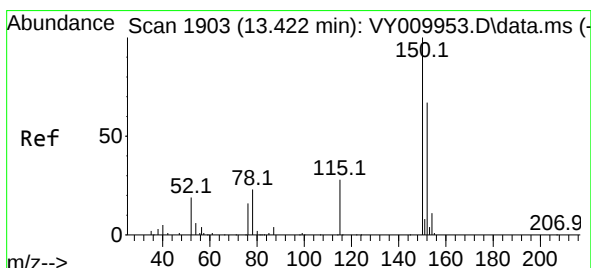
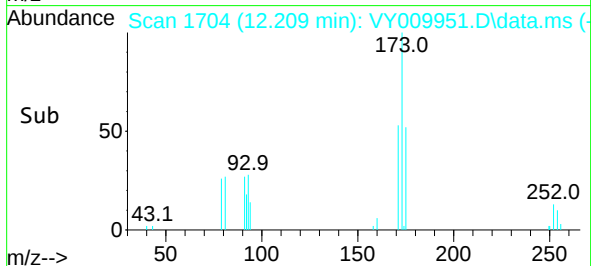
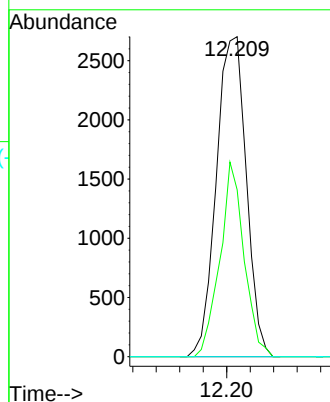
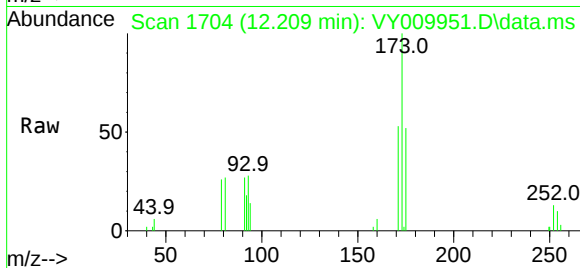




#71
Bromoform
Concen: 10.093 ug/l
RT: 12.209 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

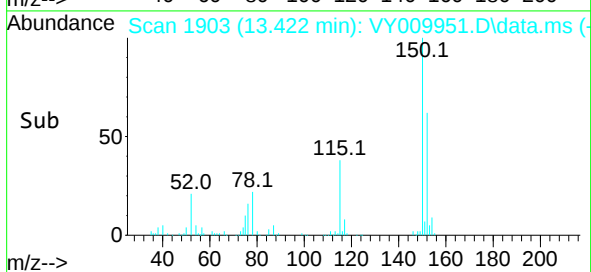
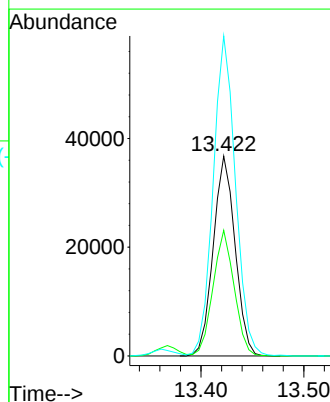
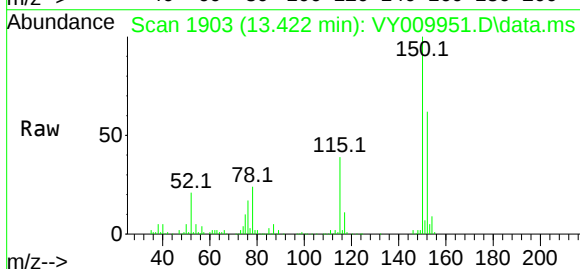
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

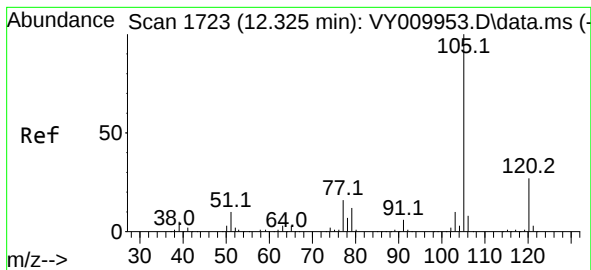
Tgt Ion:173 Resp: 4779
Ion Ratio Lower Upper
173 100
175 49.0 24.4 73.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion:152 Resp: 54226
Ion Ratio Lower Upper
152 100
115 60.7 28.6 85.9
150 163.4 0.0 349.8





#73

Isopropylbenzene

Concen: 10.219 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

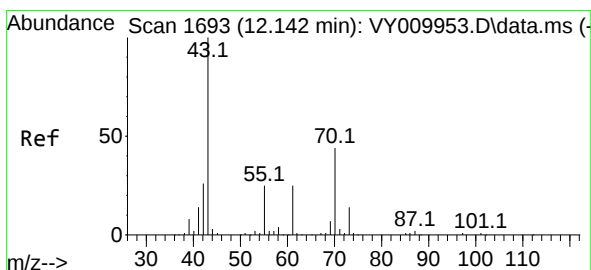
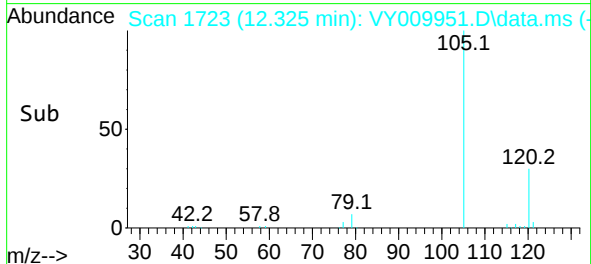
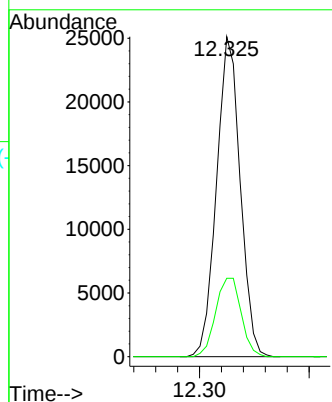
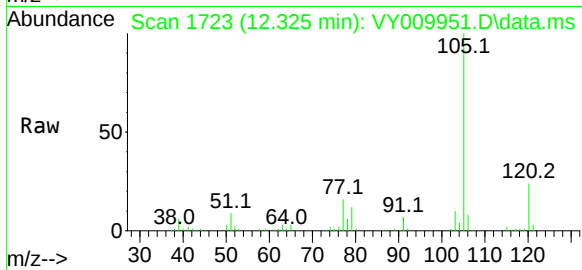
VSTDIC010

Tgt Ion:105 Resp: 37632

Ion Ratio Lower Upper

105 100

120 26.5 13.7 41.1



#74

N-ethyl acetate

Concen: 9.216 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Tgt Ion: 43 Resp: 10847

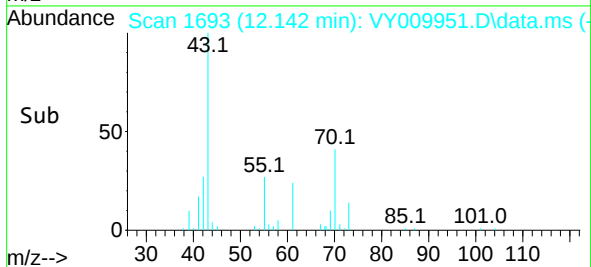
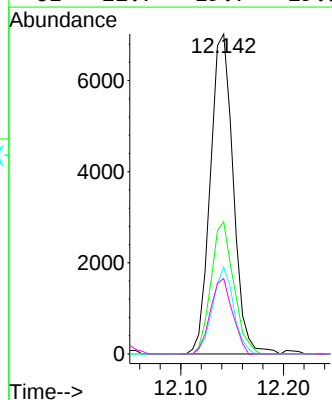
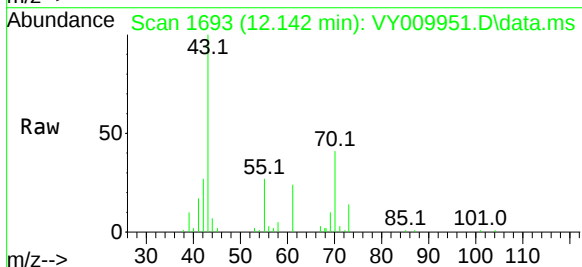
Ion Ratio Lower Upper

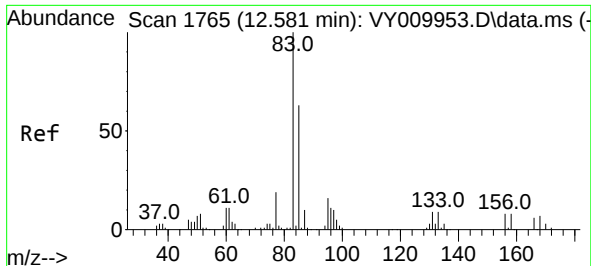
43 100

70 40.9 35.6 53.4

55 24.9 19.5 29.3

61 22.7 19.7 29.5

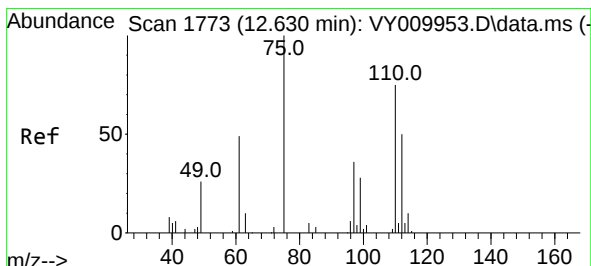
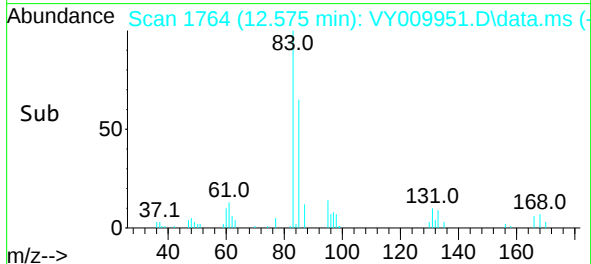
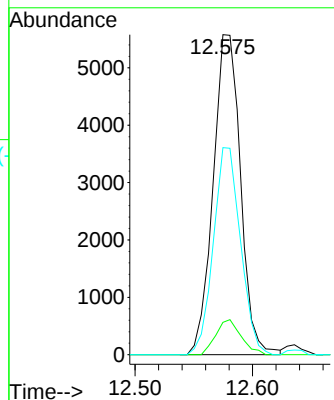
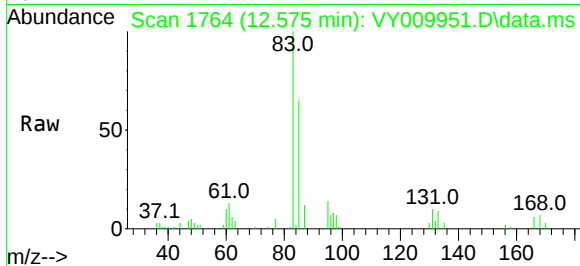




#75
 1,1,2,2-Tetrachloroethane
 Concen: 10.790 ug/l
 RT: 12.575 min Scan# 1764
 Delta R.T. -0.006 min
 Lab File: VY009951.D
 Acq: 10 Aug 2022 15:23

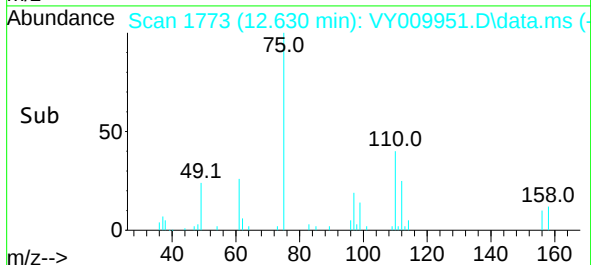
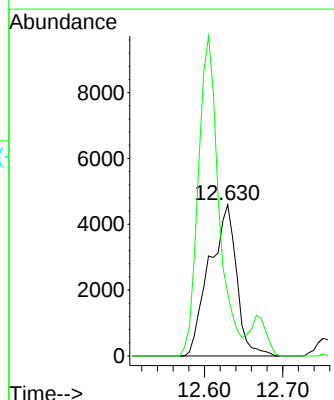
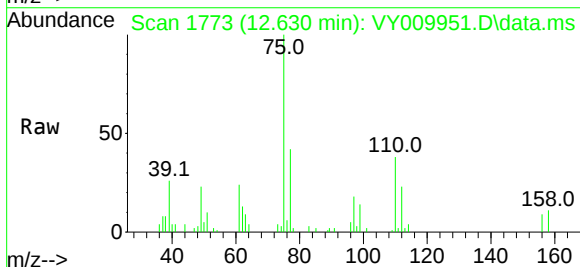
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

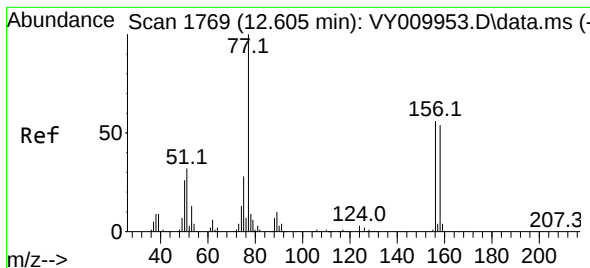
Tgt Ion: 83 Resp: 9046
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.4 16.2
 85 64.1 32.8 98.4



#76
 1,2,3-Trichloropropane
 Concen: 18.648 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY009951.D
 Acq: 10 Aug 2022 15:23

Tgt Ion: 75 Resp: 11098
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.495 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

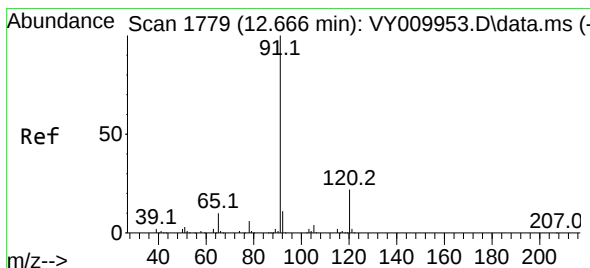
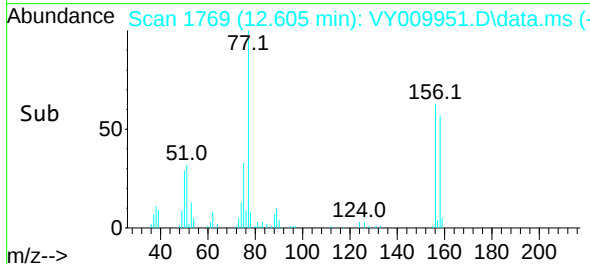
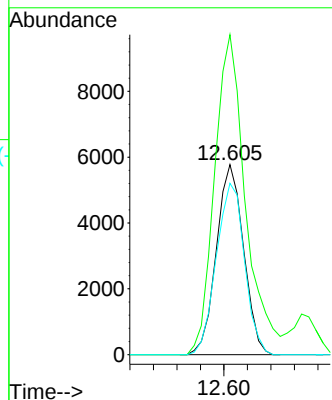
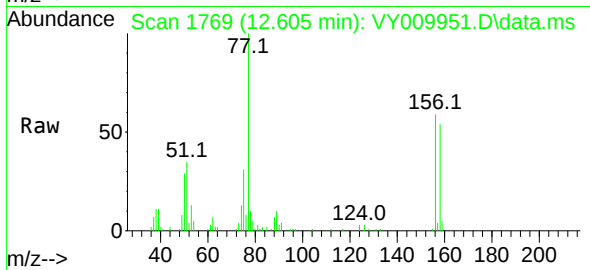
Tgt Ion:156 Resp: 9278

Ion Ratio Lower Upper

156 100

77 191.3 88.1 264.3

158 93.5 48.6 145.8



#78

n-propylbenzene

Concen: 10.313 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009951.D

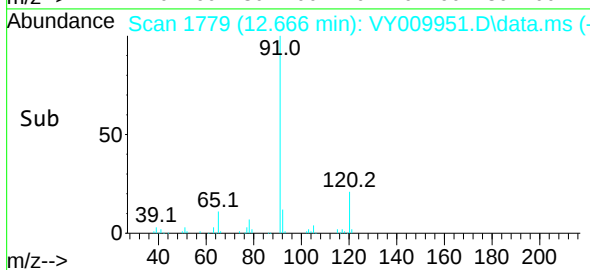
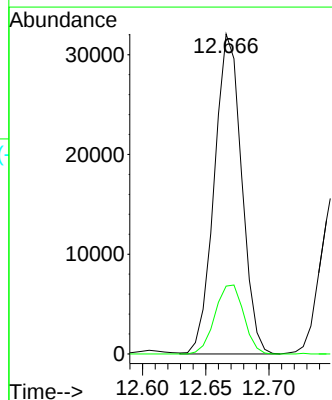
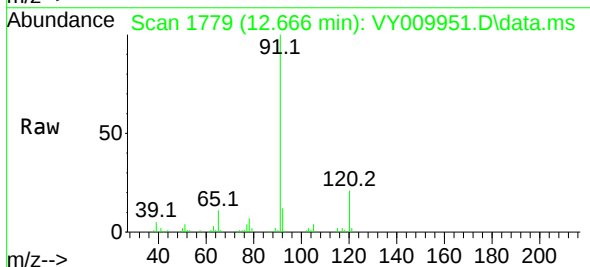
Acq: 10 Aug 2022 15:23

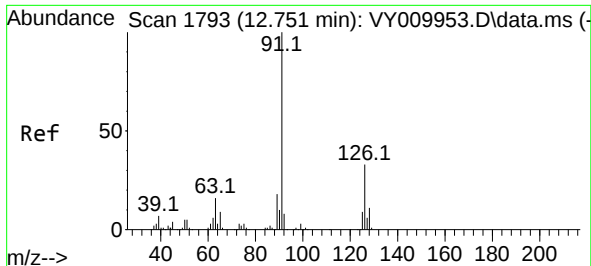
Tgt Ion: 91 Resp: 48112

Ion Ratio Lower Upper

91 100

120 22.6 11.9 35.5





#79

2-Chlorotoluene

Concen: 10.777 ug/l

RT: 12.752 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

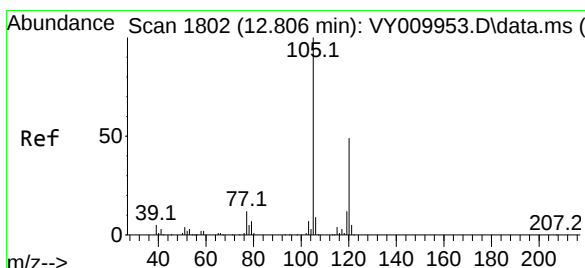
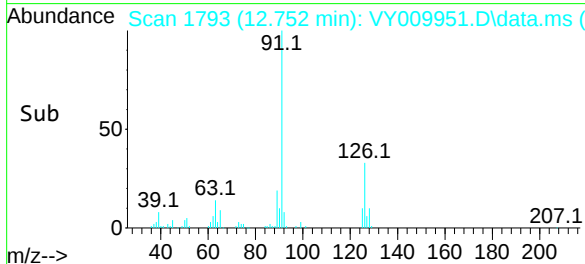
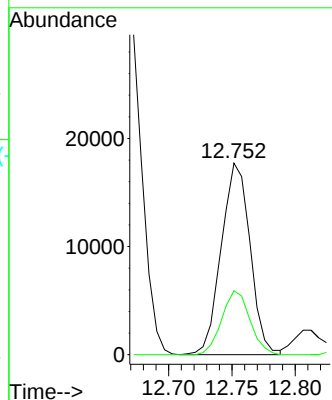
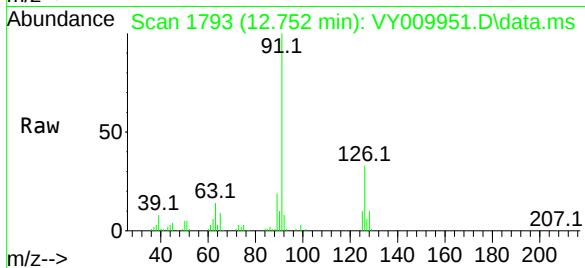
VSTDIC010

Tgt Ion: 91 Resp: 28171

Ion Ratio Lower Upper

91 100

126 32.6 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 10.369 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY009951.D

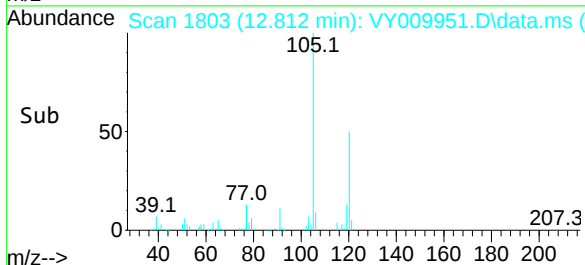
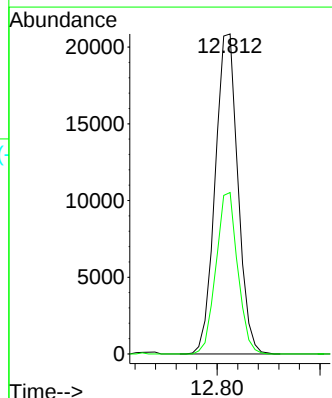
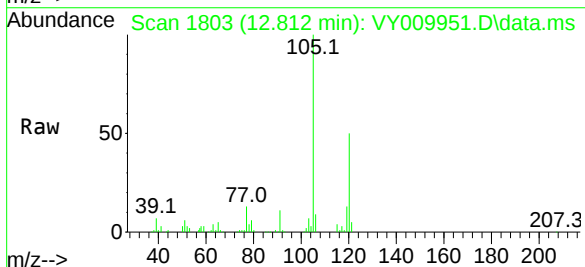
Acq: 10 Aug 2022 15:23

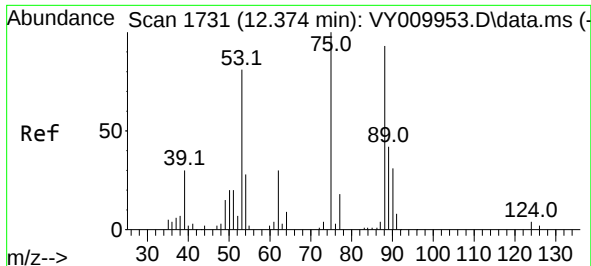
Tgt Ion: 105 Resp: 31935

Ion Ratio Lower Upper

105 100

120 48.3 25.3 75.8

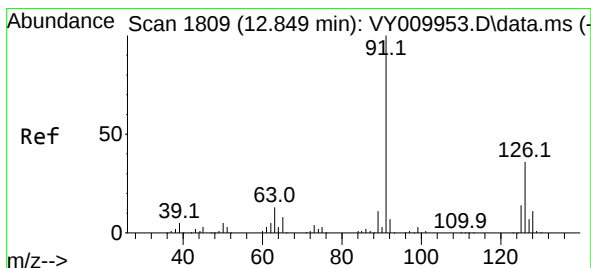
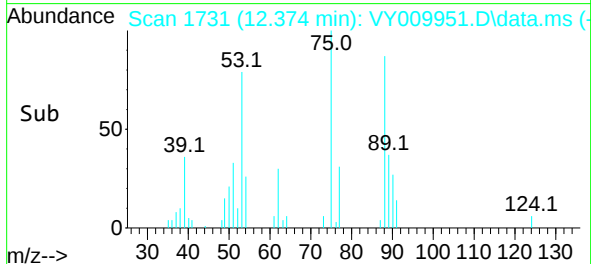
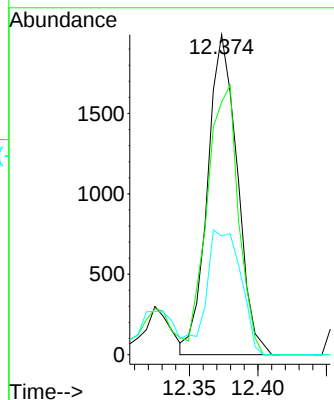
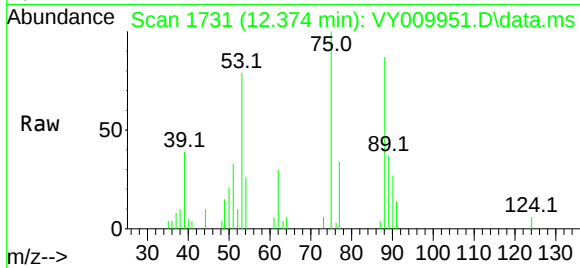




#81
trans-1,4-Dichloro-2-butene
Concen: 10.159 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

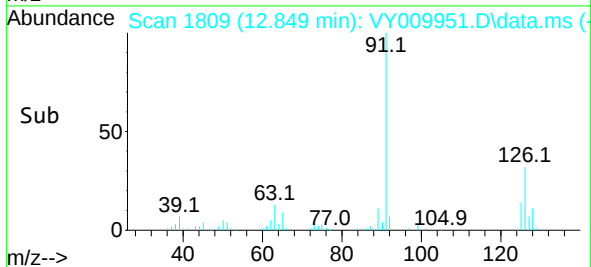
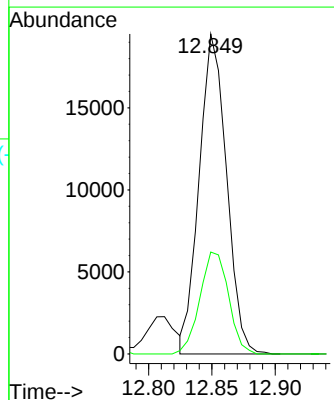
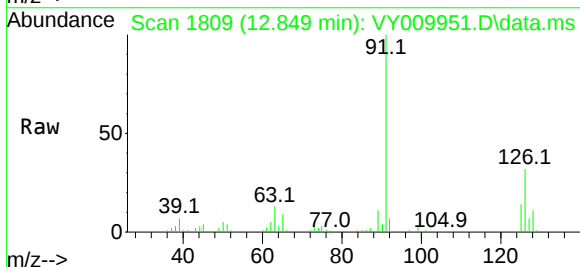
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

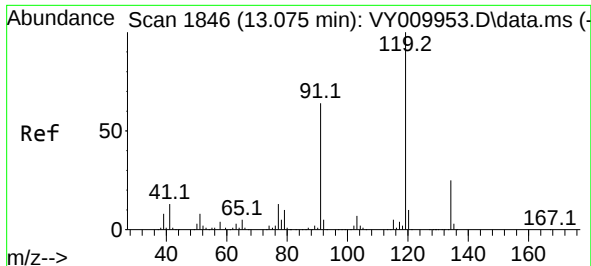
Tgt Ion: 75 Resp: 3004
Ion Ratio Lower Upper
75 100
53 87.8 71.4 107.2
89 42.6 38.1 57.1



#82
4-Chlorotoluene
Concen: 10.662 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion: 91 Resp: 29327
Ion Ratio Lower Upper
91 100
126 33.4 18.0 54.0

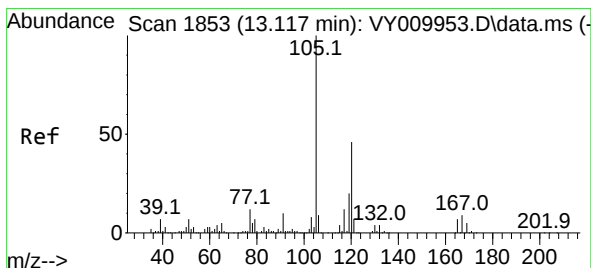
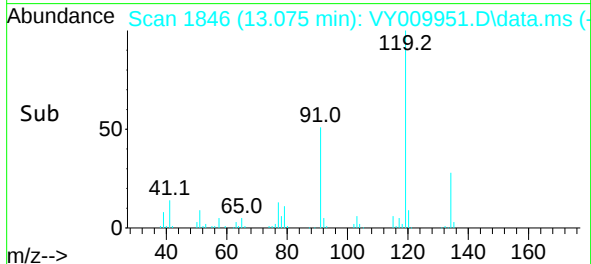
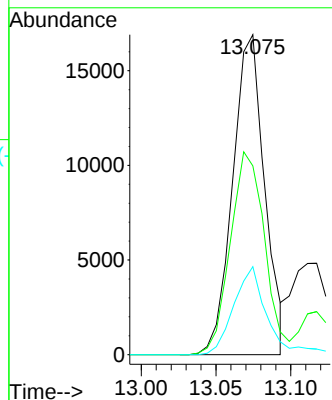
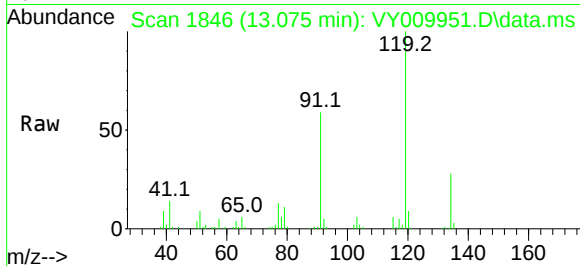




#83
tert-Butylbenzene
Concen: 9.530 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

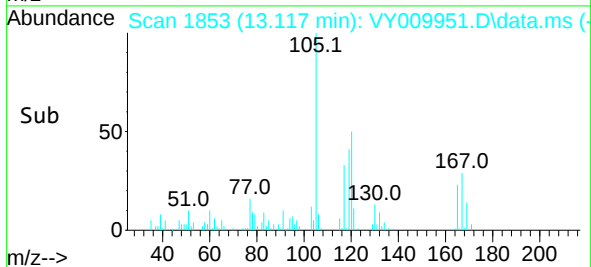
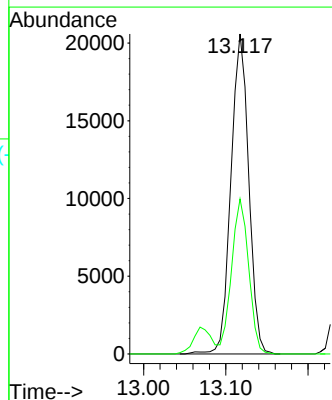
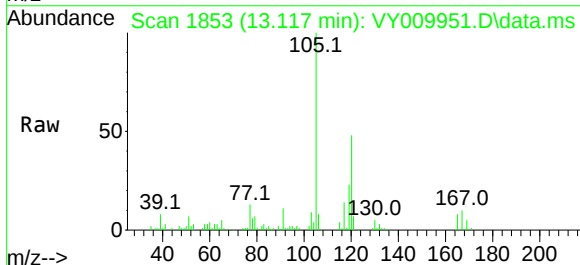
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

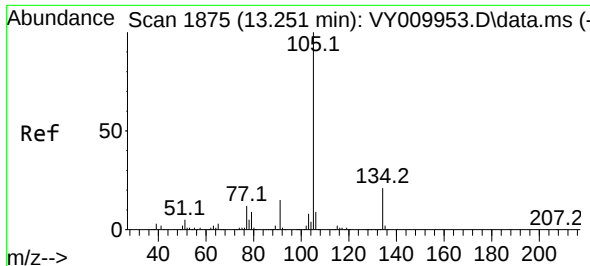
Tgt Ion:119 Resp: 25157
Ion Ratio Lower Upper
119 100
91 67.9 32.0 96.0
134 28.7 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 10.283 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009951.D
Acq: 10 Aug 2022 15:23

Tgt Ion:105 Resp: 30991
Ion Ratio Lower Upper
105 100
120 47.0 23.4 70.3

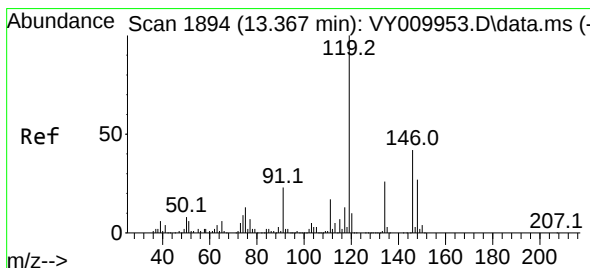
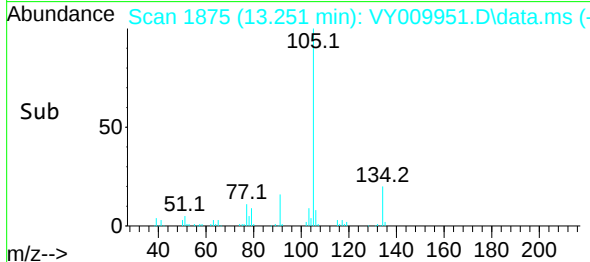
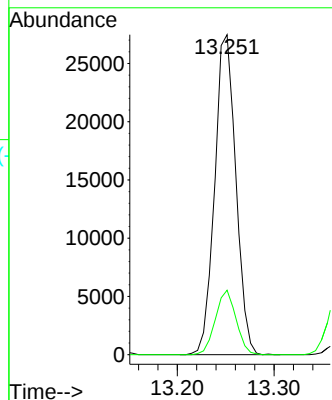
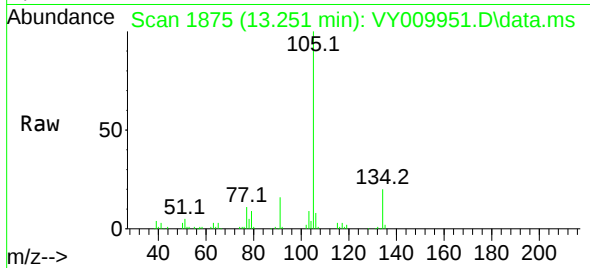




#85
 sec-Butylbenzene
 Concen: 10.251 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009951.D
 Acq: 10 Aug 2022 15:23

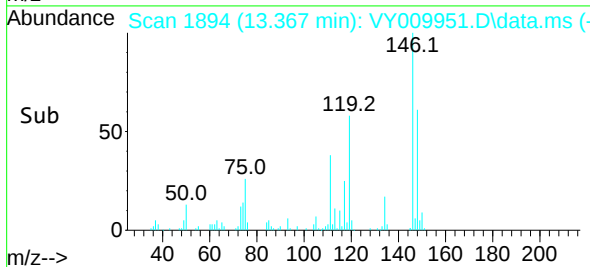
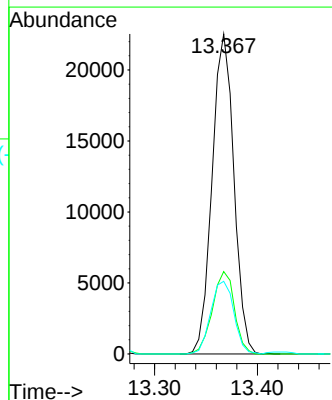
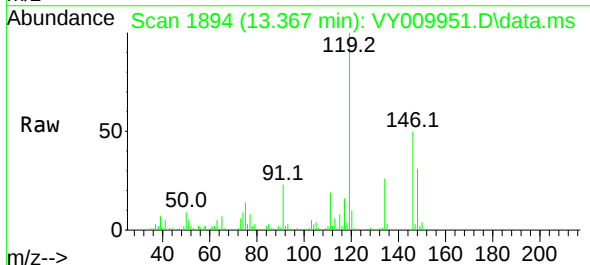
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

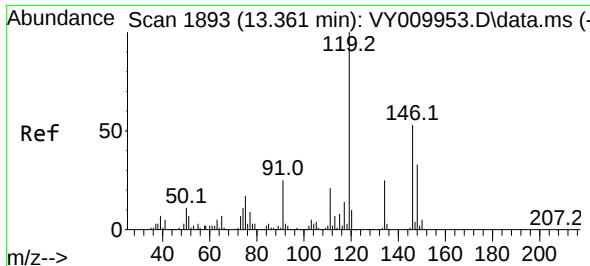
Tgt Ion:105 Resp: 41683
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 10.045 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009951.D
 Acq: 10 Aug 2022 15:23

Tgt Ion:119 Resp: 33094
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.5 40.4
 91 24.2 11.6 34.8

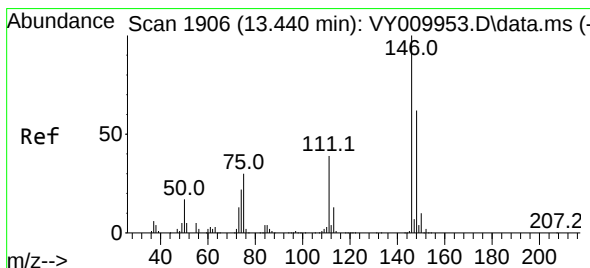
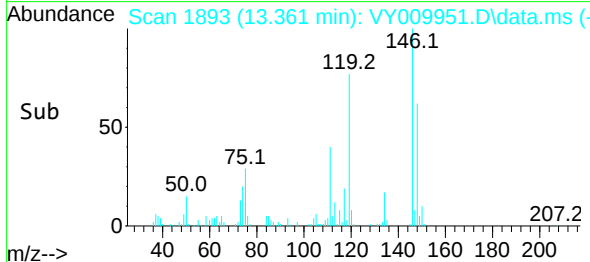
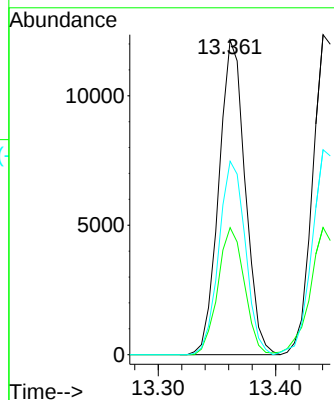
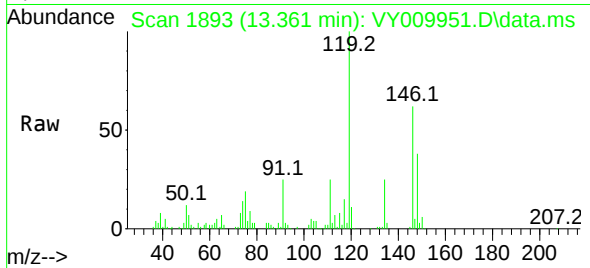




#87
 1,3-Dichlorobenzene
 Concen: 10.690 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY009951.D
 Acq: 10 Aug 2022 15:23

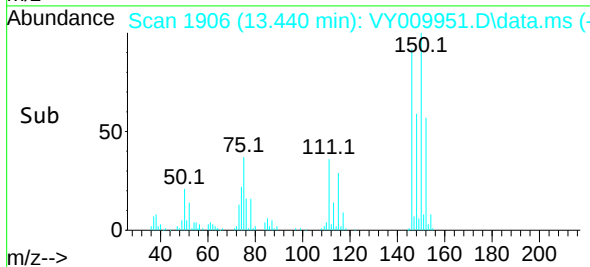
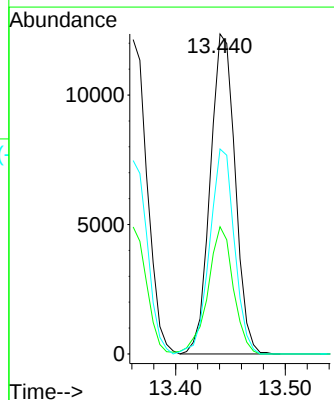
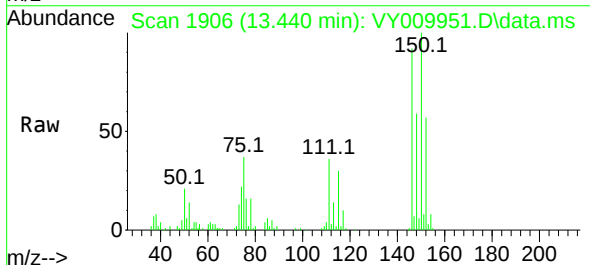
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

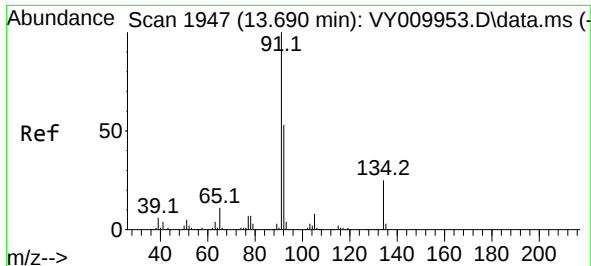
Tgt Ion:146	Resp:	18917
Ion Ratio	Lower	Upper
146	100	
111	40.6	19.1 57.3
148	61.9	31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 10.844 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY009951.D
 Acq: 10 Aug 2022 15:23

Tgt Ion:146	Resp:	19503
Ion Ratio	Lower	Upper
146	100	
111	40.6	18.9 56.9
148	63.7	31.6 95.0





#89

n-Butylbenzene

Concen: 10.101 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.006 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

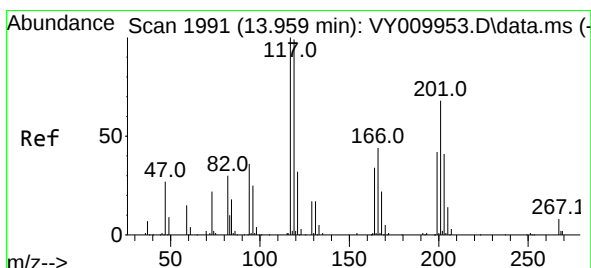
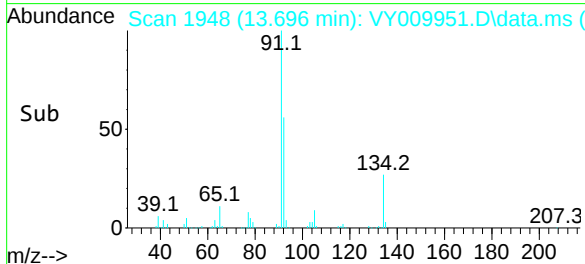
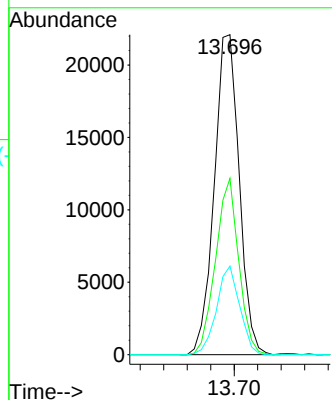
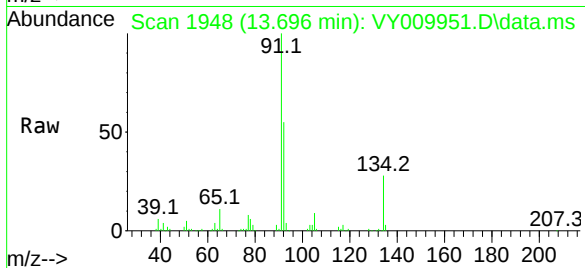
Tgt Ion: 91 Resp: 32607

Ion Ratio Lower Upper

91 100

92 51.1 26.9 80.7

134 25.7 14.0 41.9



#90

Hexachloroethane

Concen: 10.417 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY009951.D

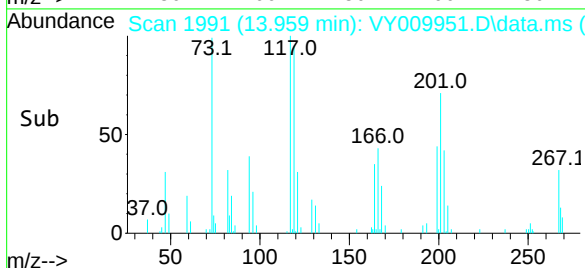
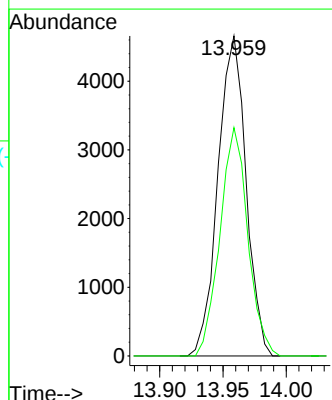
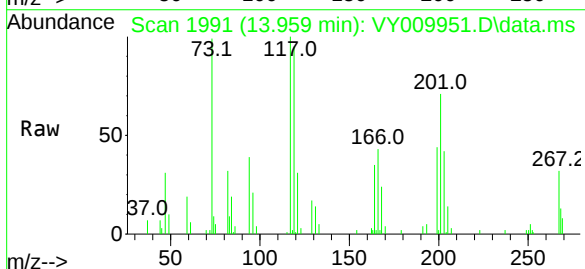
Acq: 10 Aug 2022 15:23

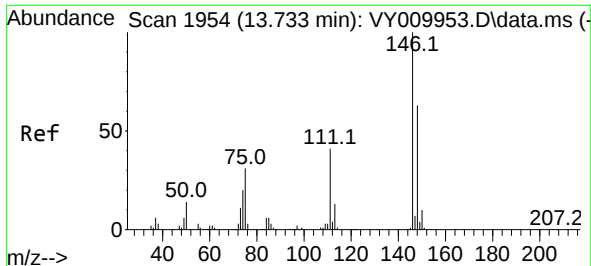
Tgt Ion: 117 Resp: 7186

Ion Ratio Lower Upper

117 100

201 70.8 38.8 116.3





#91

1,2-Dichlorobenzene

Concen: 10.784 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

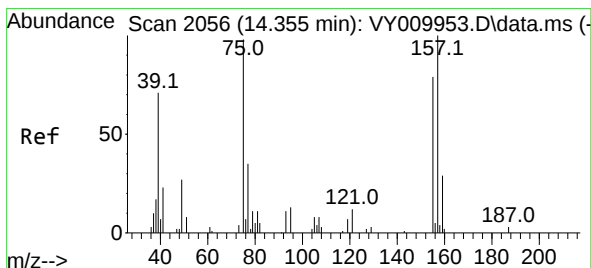
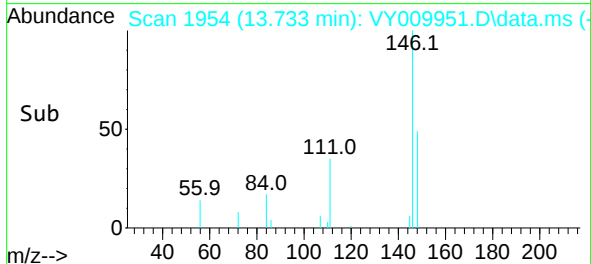
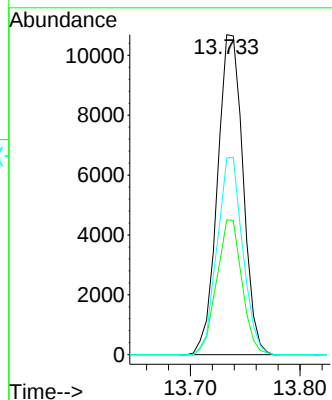
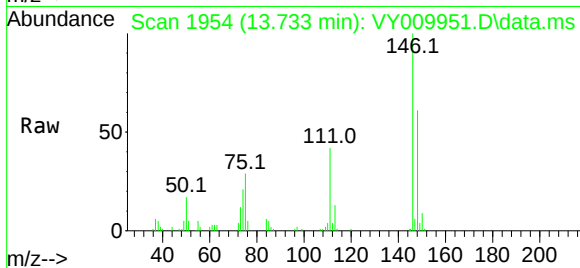
Tgt Ion:146 Resp: 17324

Ion Ratio Lower Upper

146 100

111 41.7 19.7 59.1

148 61.7 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.240 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

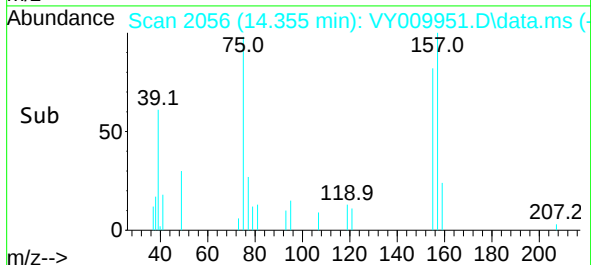
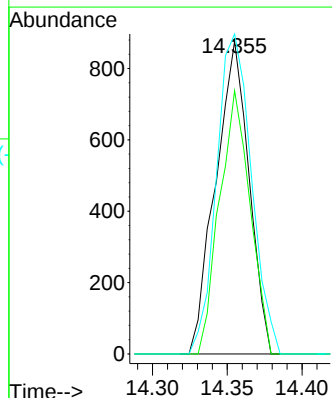
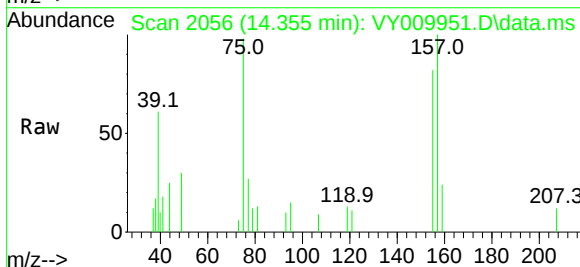
Tgt Ion: 75 Resp: 1353

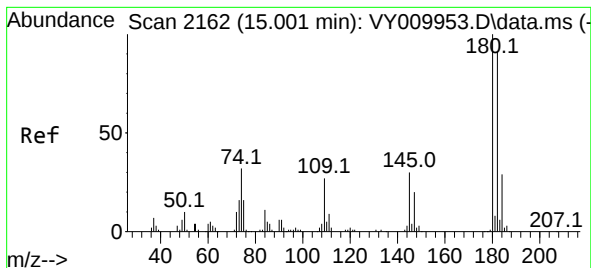
Ion Ratio Lower Upper

75 100

155 77.3 46.4 139.1

157 107.1 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 9.880 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

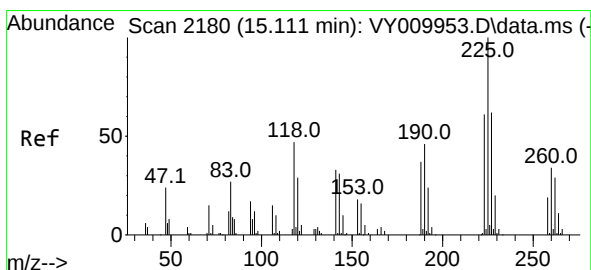
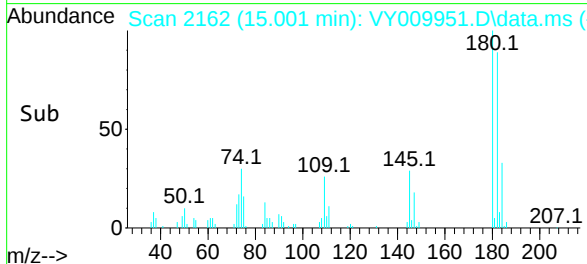
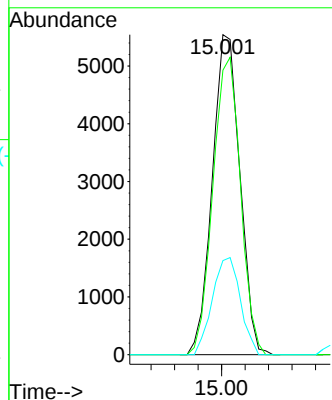
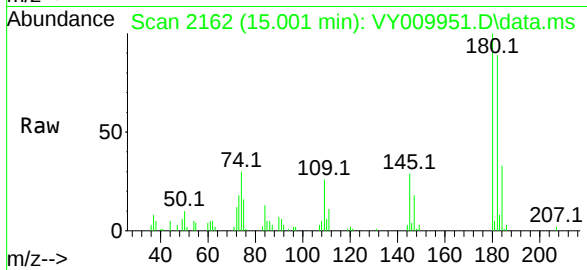
Tgt Ion:180 Resp: 9036

Ion Ratio Lower Upper

180 100

182 92.9 47.3 141.9

145 30.8 15.1 45.3



#94

Hexachlorobutadiene

Concen: 10.376 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

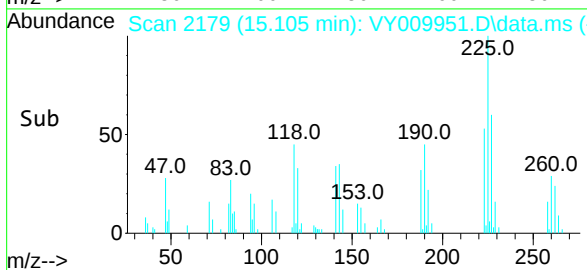
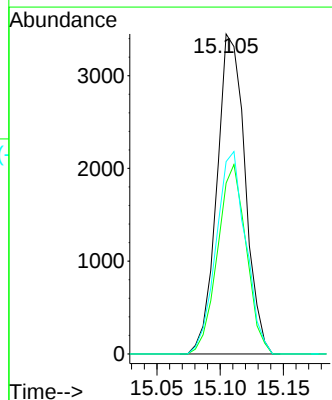
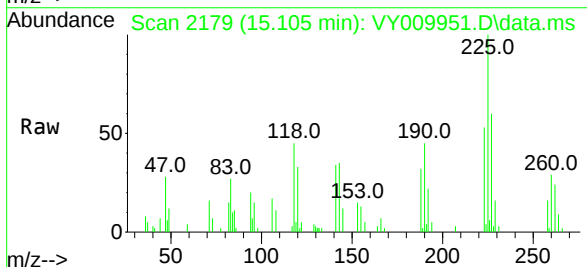
Tgt Ion:225 Resp: 5340

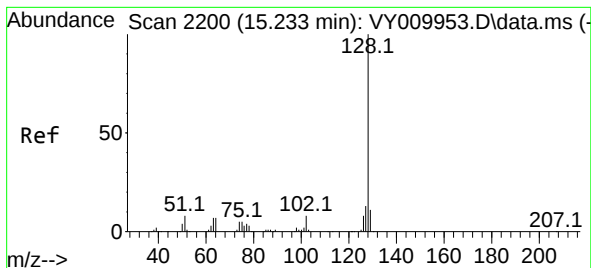
Ion Ratio Lower Upper

225 100

223 60.0 30.8 92.3

227 66.3 31.9 95.5





#95

Naphthalene

Concen: 9.028 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

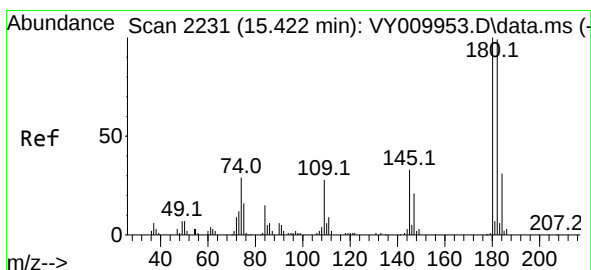
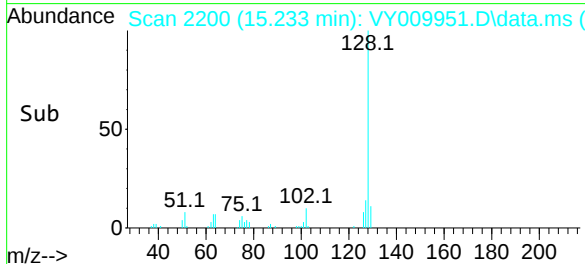
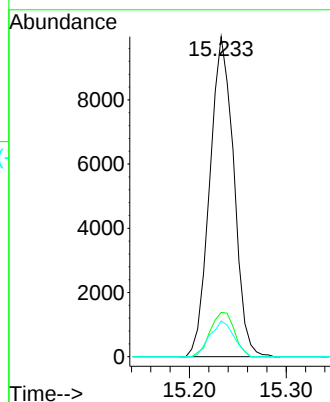
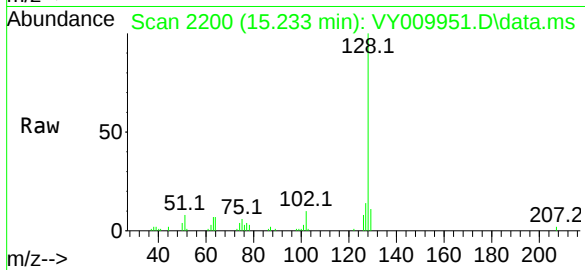
Tgt Ion:128 Resp: 17184

Ion Ratio Lower Upper

128 100

127 13.9 10.6 15.8

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 9.777 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009951.D

Acq: 10 Aug 2022 15:23

Tgt Ion:180 Resp: 7929

Ion Ratio Lower Upper

180 100

182 91.6 47.0 141.0

145 32.6 15.6 46.7

