

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081022\
 Data File : VY009953.D
 Acq On : 10 Aug 2022 16:09
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 10 17:03:27 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	78908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	132177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	117574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	59681	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	29473	40.699	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.400%
35) Dibromofluoromethane	7.710	113	34219	47.379	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.760%
50) Toluene-d8	10.173	98	107640	42.203	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.400%
62) 4-Bromofluorobenzene	12.477	95	53864	53.120	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	28879	43.351	ug/l	95
3) Chloromethane	2.101	50	31259	38.965	ug/l	100
4) Vinyl Chloride	2.235	62	33908	40.613	ug/l	96
5) Bromomethane	2.637	94	24614	42.888	ug/l	97
6) Chloroethane	2.778	64	24732	47.843	ug/l	96
7) Trichlorofluoromethane	3.107	101	67290	48.083	ug/l	97
8) Diethyl Ether	3.515	74	25707	51.524	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.881	101	43002	52.488	ug/l	94
10) Methyl Iodide	4.076	142	52513	56.183	ug/l	98
11) Tert butyl alcohol	4.954	59	17713	202.536	ug/l #	95
12) 1,1-Dichloroethene	3.857	96	42092	55.164	ug/l	96
13) Acrolein	3.717	56	29878	1038.454	ug/l	99
14) Allyl chloride	4.466	41	71496	51.147	ug/l	96
15) Acrylonitrile	5.149	53	65933	249.783	ug/l	98
16) Acetone	3.936	43	44607	209.519	ug/l	94
17) Carbon Disulfide	4.180	76	137075	56.791	ug/l	99
18) Methyl Acetate	4.466	43	31915	42.581	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	111418	52.821	ug/l	98
20) Methylene Chloride	4.698	84	49461	34.432	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	48169	55.405	ug/l	99
22) Diisopropyl ether	6.106	45	152777	51.893	ug/l	99
23) Vinyl Acetate	6.045	43	484840	264.592	ug/l	99
24) 1,1-Dichloroethane	6.003	63	81918	51.244	ug/l	98
25) 2-Butanone	6.972	43	80686	226.208	ug/l	99
26) 2,2-Dichloropropane	6.972	77	64935	47.394	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	54048	54.646	ug/l	96
28) Bromochloromethane	7.320	49	36843	62.863	ug/l	96
29) Tetrahydrofuran	7.338	42	56830	241.274	ug/l	99
30) Chloroform	7.496	83	82074	51.030	ug/l	96
31) Cyclohexane	7.777	56	81009	52.773	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	69639	51.381	ug/l	99
36) 1,1-Dichloropropene	7.905	75	66564	54.526	ug/l	99
37) Ethyl Acetate	7.063	43	38312	48.239	ug/l	100
38) Carbon Tetrachloride	7.893	117	63113	52.446	ug/l	99
39) Methylcyclohexane	9.173	83	82297	57.178	ug/l	94
40) Benzene	8.149	78	199159	54.389	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	21334	49.091	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	51748	51.184	ug/l	98
43) Isopropyl Acetate	8.264	43	68504	48.658	ug/l	99
44) Trichloroethene	8.935	130	50826	53.542	ug/l	100
45) 1,2-Dichloropropane	9.209	63	49932	52.679	ug/l	99
46) Dibromomethane	9.295	93	28099	53.111	ug/l	95
47) Bromodichloromethane	9.490	83	62690	51.669	ug/l	99
48) Methyl methacrylate	9.289	41	29958	47.775	ug/l	97
49) 1,4-Dioxane	9.289	88	5475	931.735	ug/l	97
51) 4-Methyl-2-Pentanone	10.063	43	191179	245.718	ug/l	100
52) Toluene	10.240	92	123873	54.479	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	66865	52.544	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	77783	53.517	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	39307	51.510	ug/l	98
56) Ethyl methacrylate	10.508	69	54159	55.118	ug/l	98
57) 1,3-Dichloropropane	10.788	76	66238	51.776	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	139291	297.227	ug/l	97
59) 2-Hexanone	10.825	43	131054	247.993	ug/l	99
60) Dibromochloromethane	10.977	129	44973	51.164	ug/l	99
61) 1,2-Dibromoethane	11.081	107	36940	51.081	ug/l	96
64) Tetrachloroethene	10.715	164	46952	53.922	ug/l	97
65) Chlorobenzene	11.508	112	125109	53.116	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	46831	54.640	ug/l	98
67) Ethyl Benzene	11.587	91	238562	57.974	ug/l	97
68) m/p-Xylenes	11.697	106	191122	120.148	ug/l	96
69) o-Xylene	12.026	106	88712	59.815	ug/l	95
70) Styrene	12.038	104	153599	60.128	ug/l	100
71) Bromoform	12.203	173	28433	54.300	ug/l #	98
73) Isopropylbenzene	12.325	105	228176	56.297	ug/l	99
74) N-amyl acetate	12.142	43	67595	52.181	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	47265	51.225	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	61861	94.446	ug/l #	100
77) Bromobenzene	12.605	156	52081	53.530	ug/l	90
78) n-propylbenzene	12.666	91	289415	56.366	ug/l	98
79) 2-Chlorotoluene	12.751	91	160531	55.797	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	194119	57.268	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	17210	52.883	ug/l	95
82) 4-Chlorotoluene	12.849	91	165530	54.679	ug/l	99
83) tert-Butylbenzene	13.075	119	161543	55.600	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	182231	54.936	ug/l	99
85) sec-Butylbenzene	13.251	105	247541	55.314	ug/l	98
86) p-Isopropyltoluene	13.367	119	202886	55.956	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	102959	52.862	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	103030	52.049	ug/l	99
89) n-Butylbenzene	13.690	91	197871	55.692	ug/l	97
90) Hexachloroethane	13.959	117	40621	53.501	ug/l	87
91) 1,2-Dichlorobenzene	13.733	146	91701	51.863	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6908	47.506	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	52918	52.572	ug/l	99
94) Hexachlorobutadiene	15.111	225	27853	49.174	ug/l	98
95) Naphthalene	15.233	128	113986	54.412	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	45628	51.119	ug/l	98

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QLast Update : Wed Aug 10 17:00:31 2022
Response via : Initial Calibration

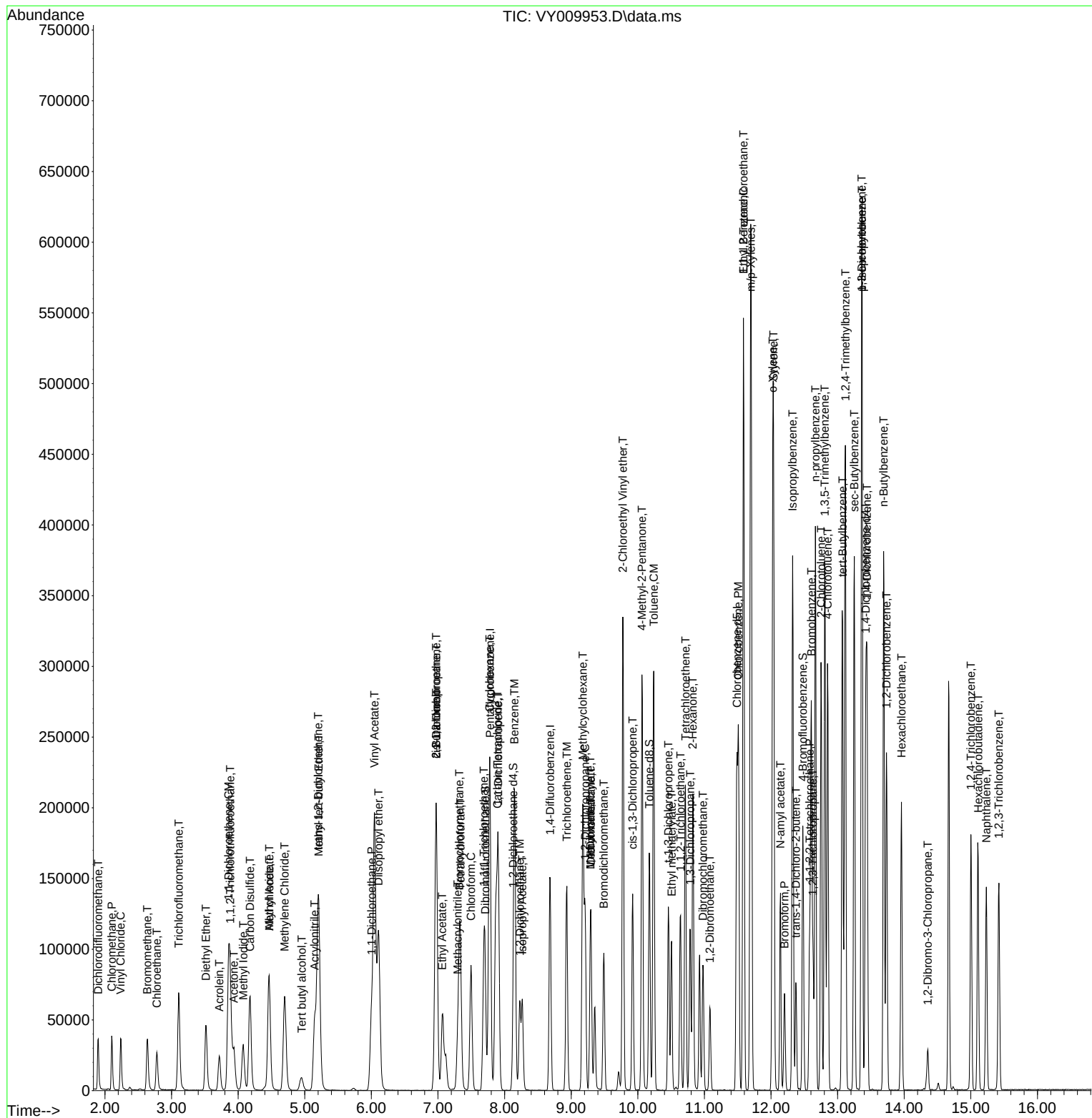
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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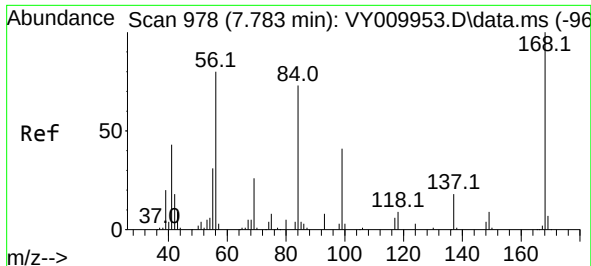
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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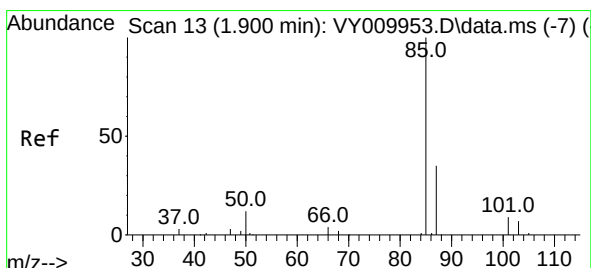
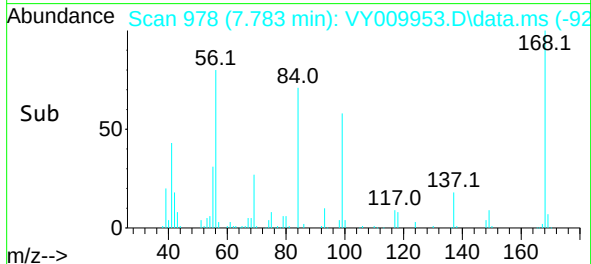
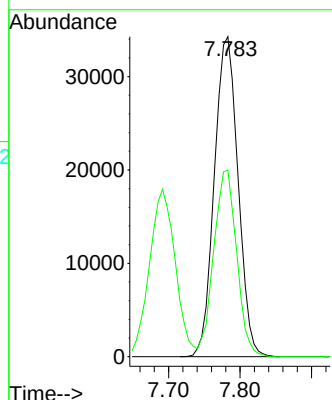
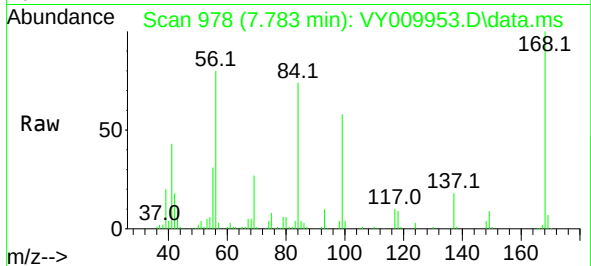




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009953.D
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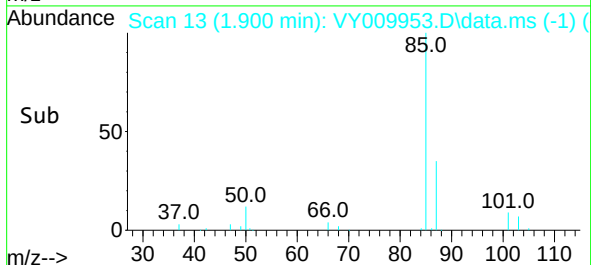
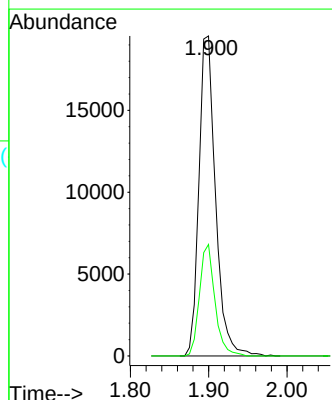
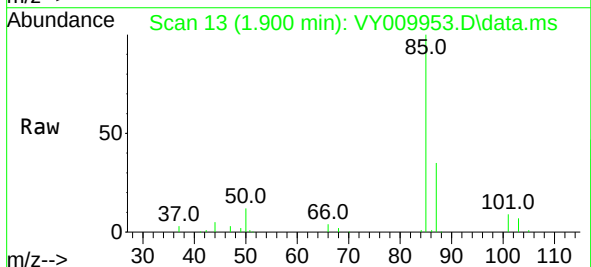
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

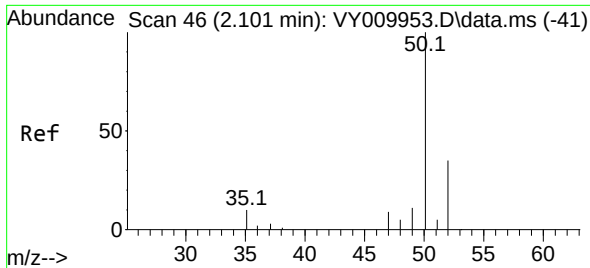
Tgt Ion:168 Resp: 78908
Ion Ratio Lower Upper
168 100
99 58.3 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 43.351 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion: 85 Resp: 28879
Ion Ratio Lower Upper
85 100
87 34.8 16.2 48.5

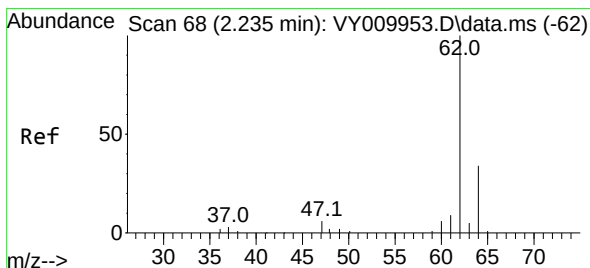
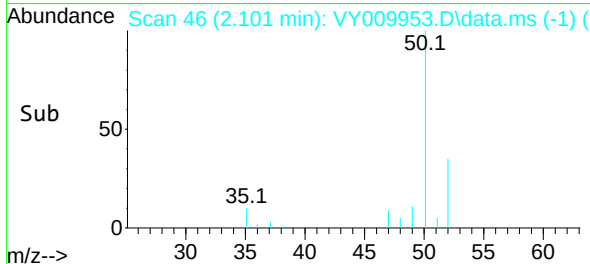
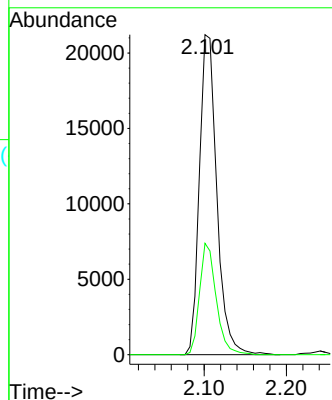
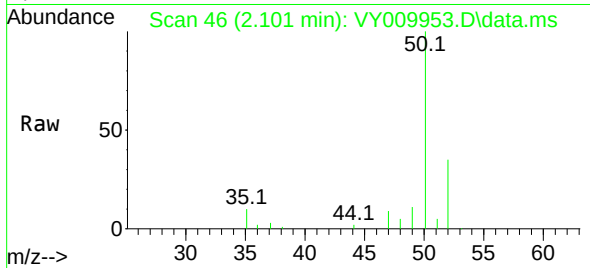




#3
Chloromethane
Concen: 38.965 ug/l
RT: 2.101 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

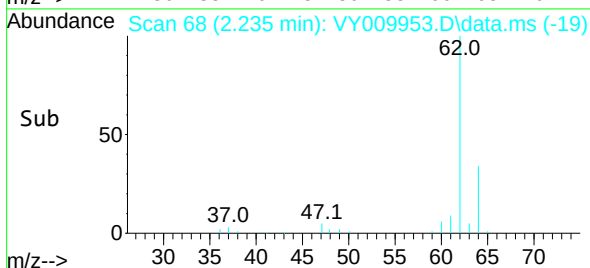
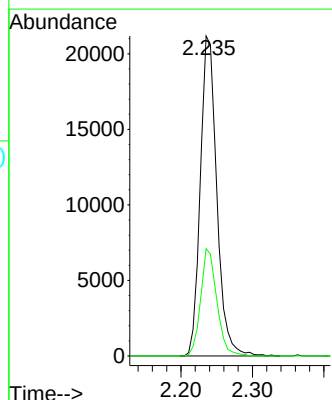
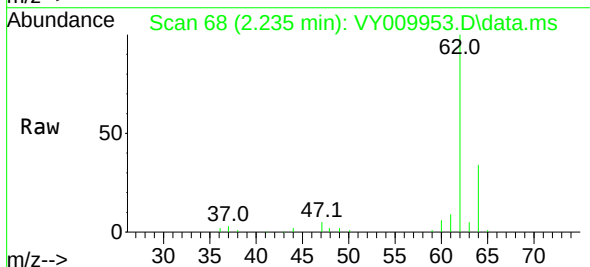
Instrument :
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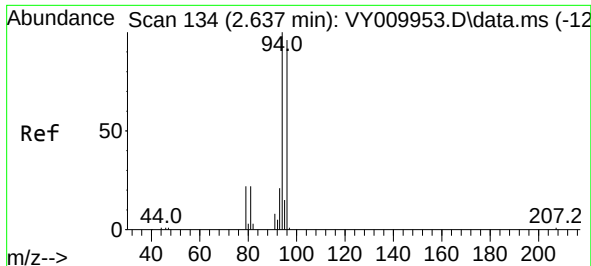
Tgt Ion: 50 Resp: 31259
Ion Ratio Lower Upper
50 100
52 34.8 27.9 41.9



#4
Vinyl Chloride
Concen: 40.613 ug/l
RT: 2.235 min Scan# 68
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion: 62 Resp: 33908
Ion Ratio Lower Upper
62 100
64 33.6 25.0 37.4

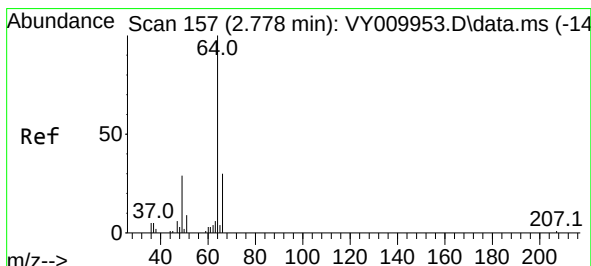
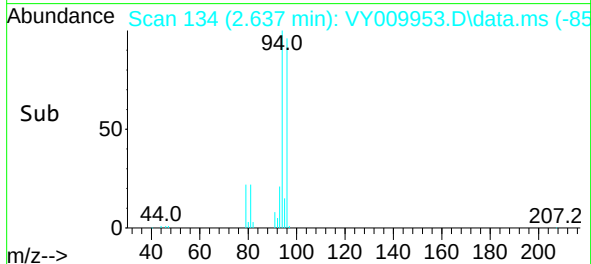
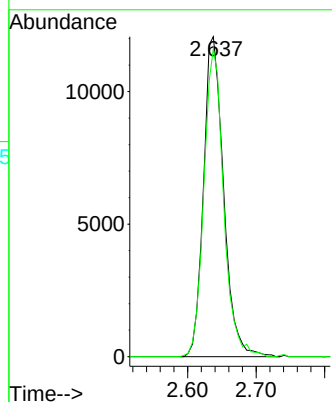
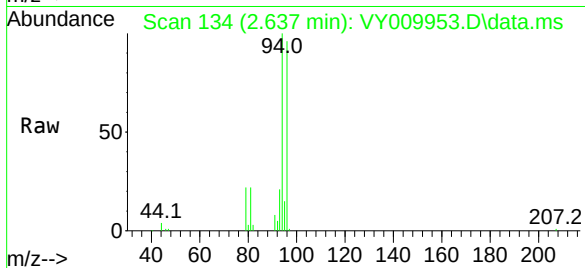




#5
Bromomethane
Concen: 42.888 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

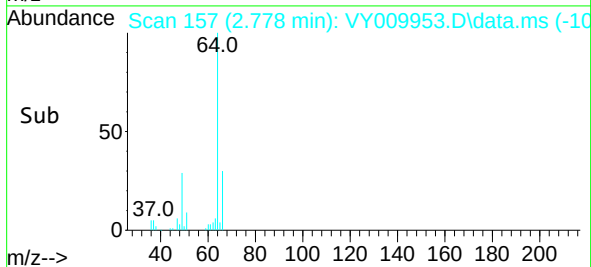
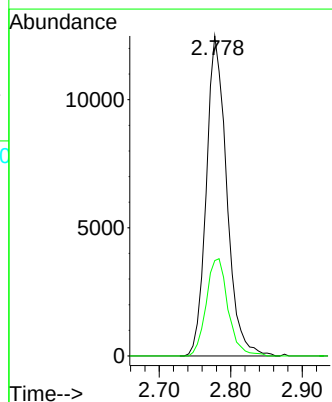
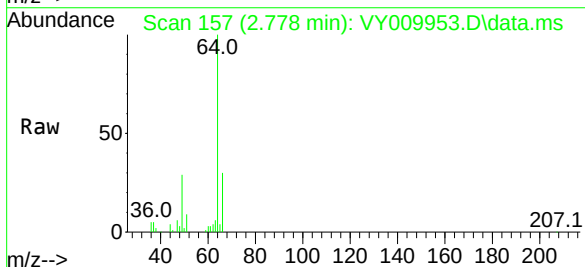
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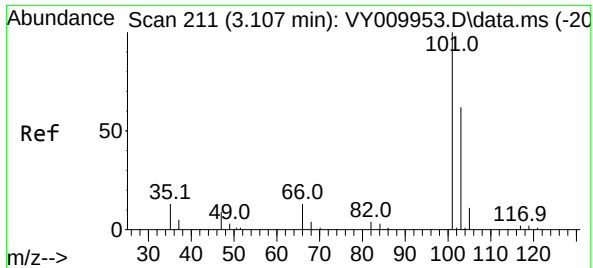
Tgt Ion: 94 Resp: 24614
Ion Ratio Lower Upper
94 100
96 96.3 74.6 111.8



#6
Chloroethane
Concen: 47.843 ug/l
RT: 2.778 min Scan# 157
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion: 64 Resp: 24732
Ion Ratio Lower Upper
64 100
66 29.8 25.8 38.8

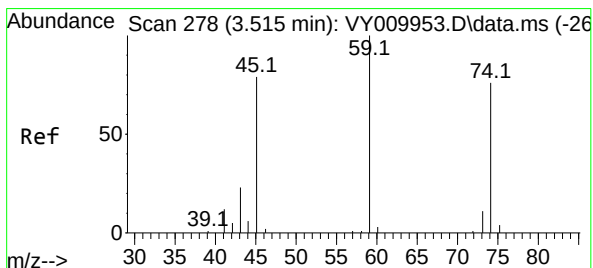
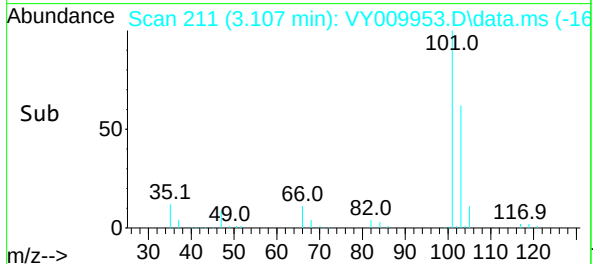
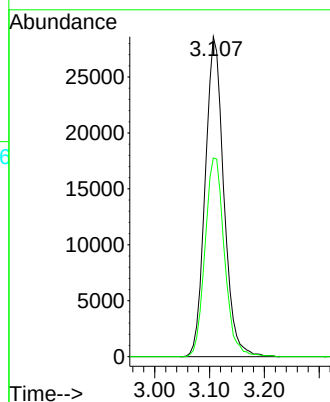
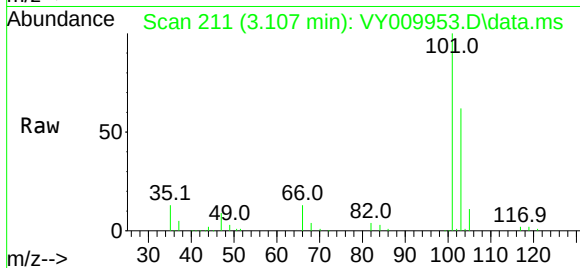




#7
 Trichlorofluoromethane
 Concen: 48.083 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VY009953.D
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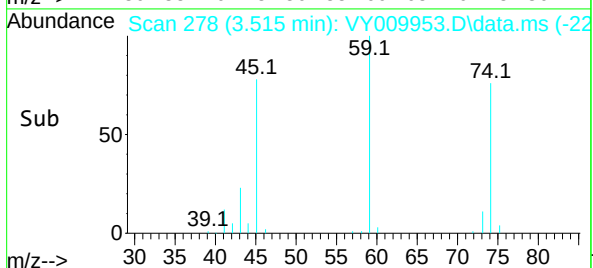
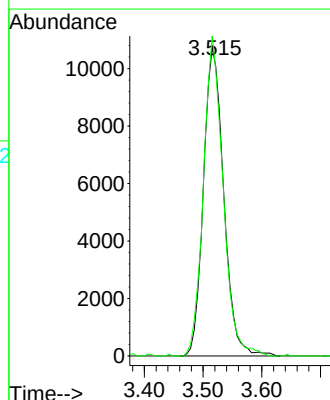
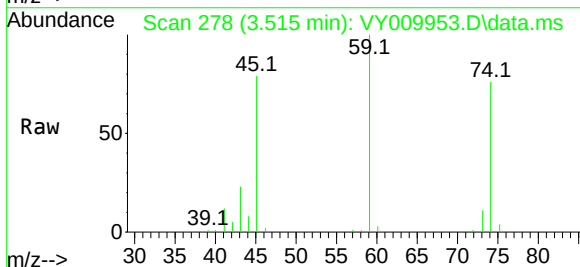
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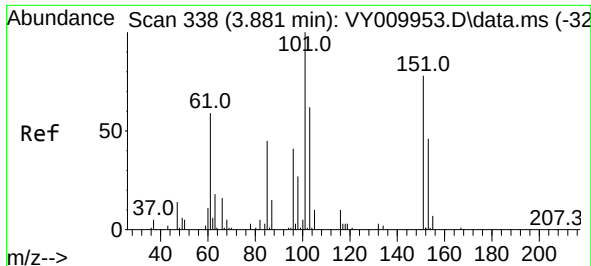
Tgt Ion:101 Resp: 67290
 Ion Ratio Lower Upper
 101 100
 103 62.1 51.4 77.2



#8
 Diethyl Ether
 Concen: 51.524 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY009953.D
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Tgt Ion: 74 Resp: 25707
 Ion Ratio Lower Upper
 74 100
 45 100.8 49.1 147.4

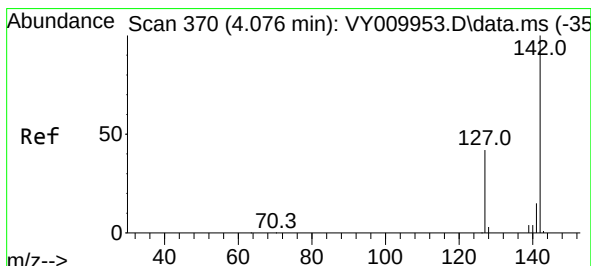
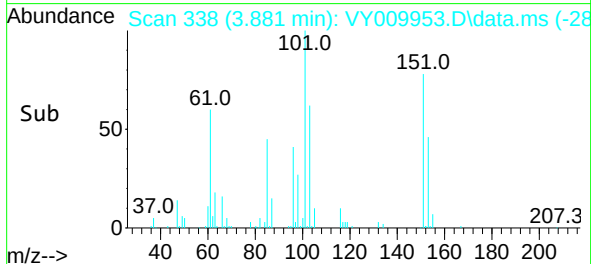
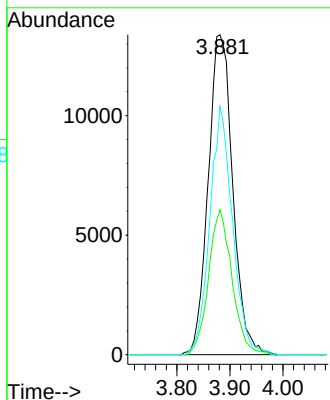
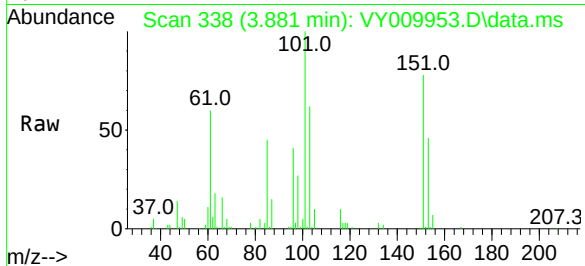




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.488 ug/l
RT: 3.881 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

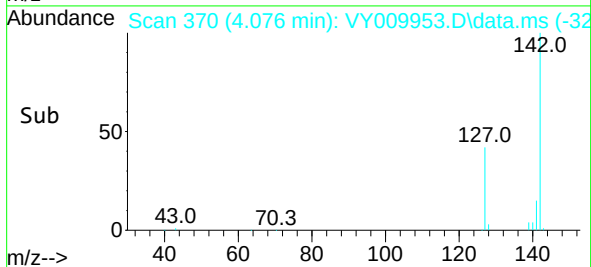
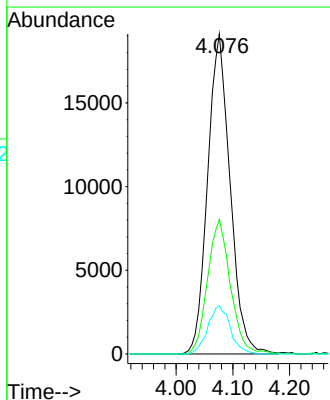
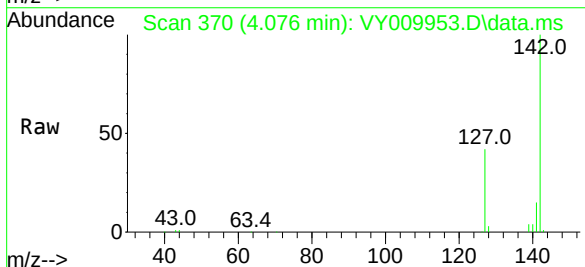
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

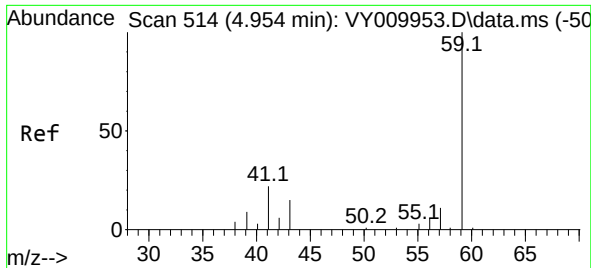
Tgt Ion:101 Resp: 43002
Ion Ratio Lower Upper
101 100
85 43.3 36.2 54.2
151 72.1 63.6 95.4



#10
Methyl Iodide
Concen: 56.183 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion:142 Resp: 52513
Ion Ratio Lower Upper
142 100
127 42.8 35.2 52.8
141 15.1 11.4 17.2

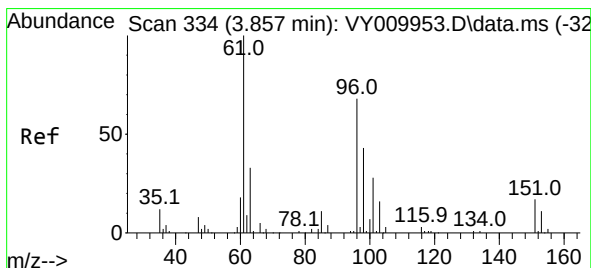
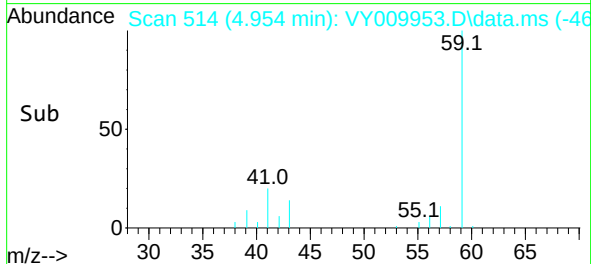
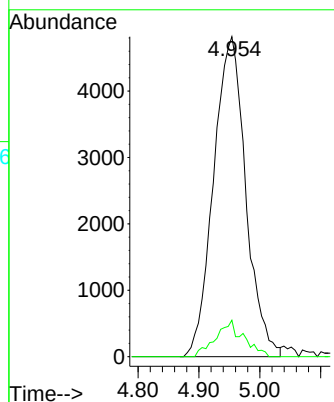
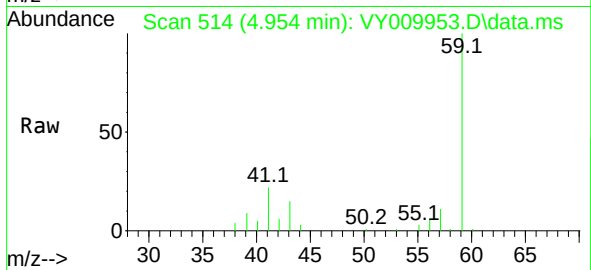




#11
Tert butyl alcohol
Concen: 202.536 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

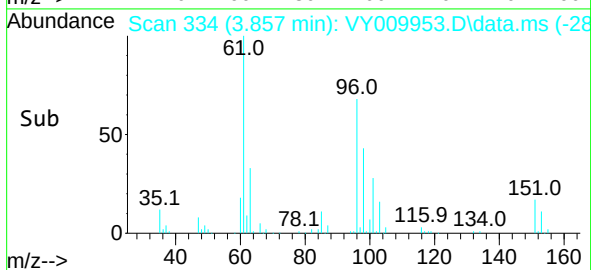
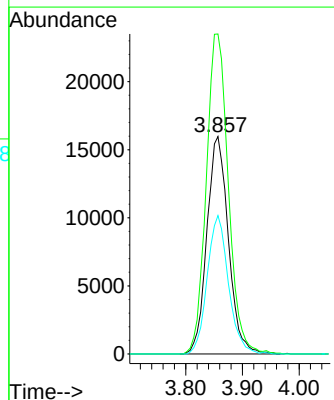
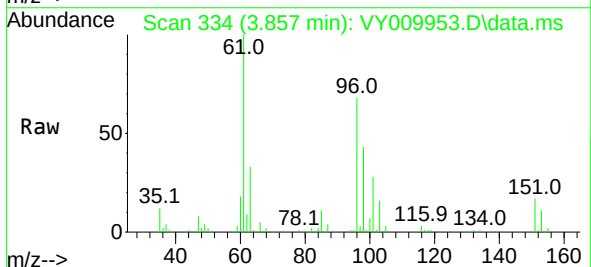
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

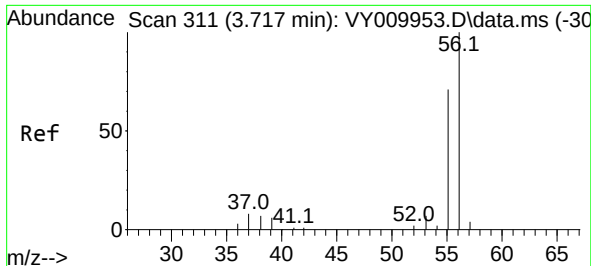
Tgt Ion: 59 Resp: 17713
Ion Ratio Lower Upper
59 100
57 9.7 6.3 9.5#



#12
1,1-Dichloroethene
Concen: 55.164 ug/l
RT: 3.857 min Scan# 334
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion: 96 Resp: 42092
Ion Ratio Lower Upper
96 100
61 147.1 121.9 182.9
98 63.7 48.2 72.4

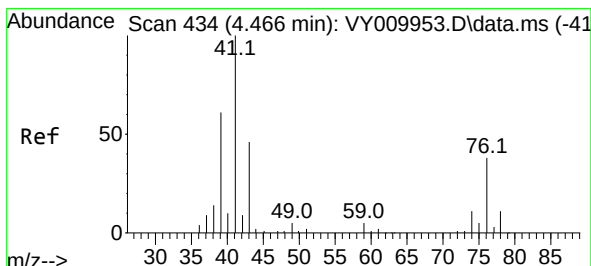
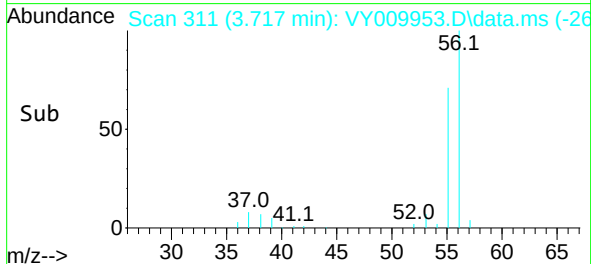
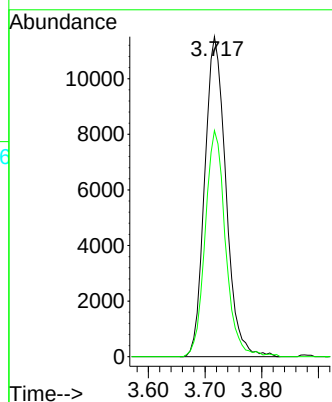
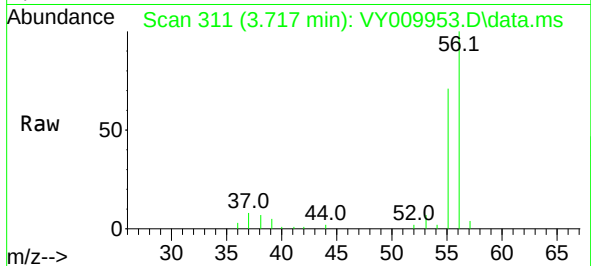




#13
Acrolein
Concen: 1038.454 ug/l
RT: 3.717 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

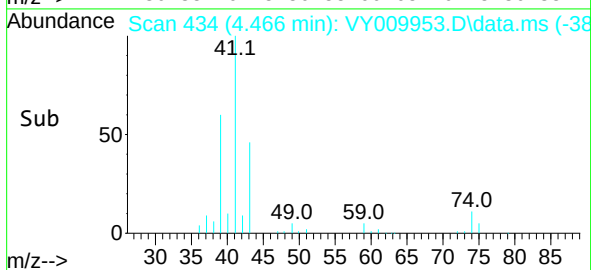
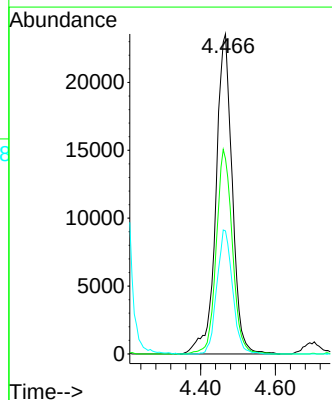
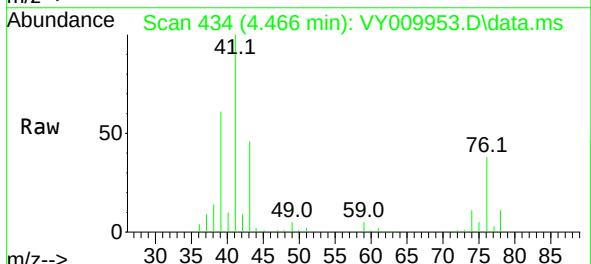
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

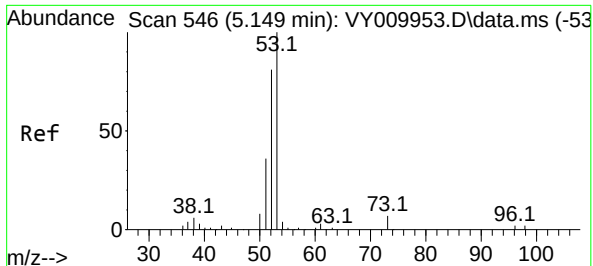
Tgt Ion: 56 Resp: 29878
Ion Ratio Lower Upper
56 100
55 67.8 54.8 82.2



#14
Allyl chloride
Concen: 51.147 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion: 41 Resp: 71496
Ion Ratio Lower Upper
41 100
39 62.8 53.5 80.3
76 37.2 29.4 44.0





#15

Acrylonitrile

Concen: 249.783 ug/l

RT: 5.149 min Scan# 546

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

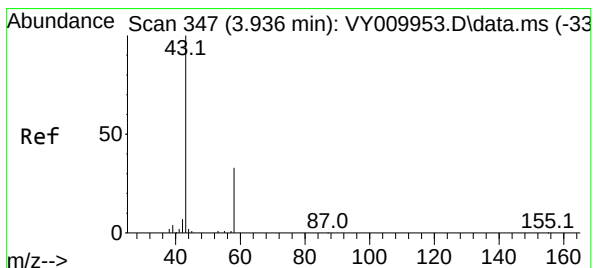
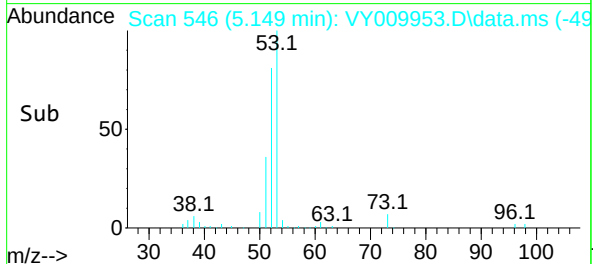
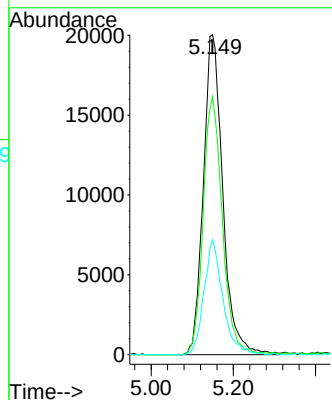
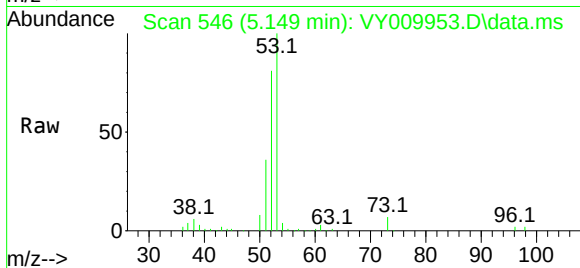
Tgt Ion: 53 Resp: 65933

Ion Ratio Lower Upper

53 100

52 79.5 65.4 98.2

51 34.9 28.4 42.6



#16

Acetone

Concen: 209.519 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY009953.D

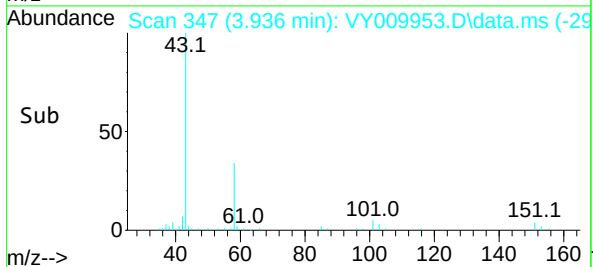
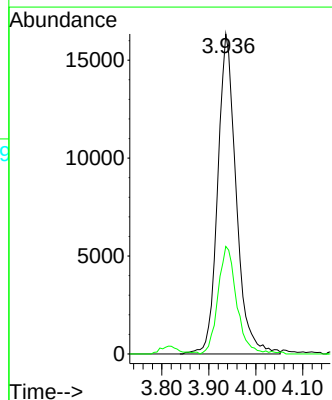
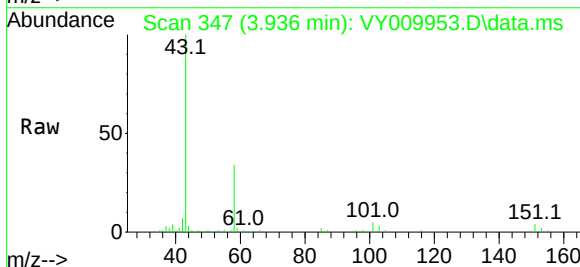
Acq: 10 Aug 2022 16:09

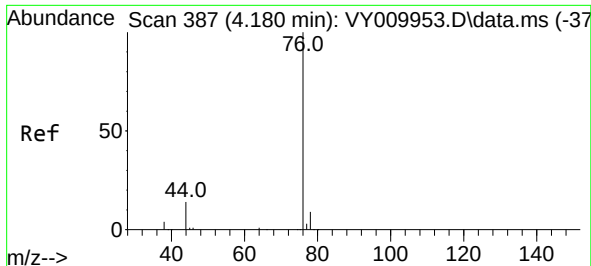
Tgt Ion: 43 Resp: 44607

Ion Ratio Lower Upper

43 100

58 33.0 24.0 36.0

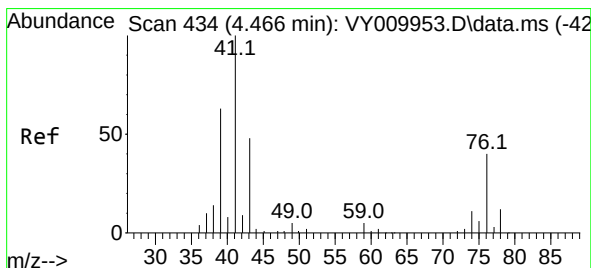
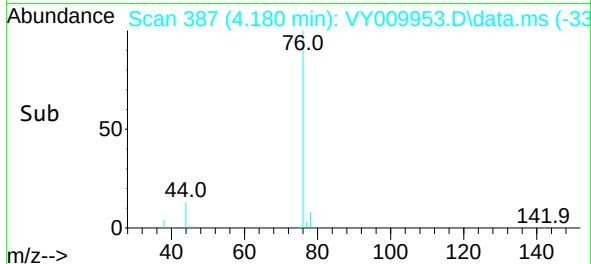
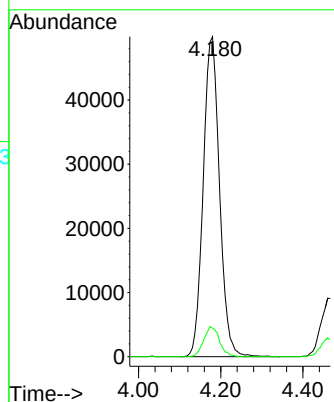
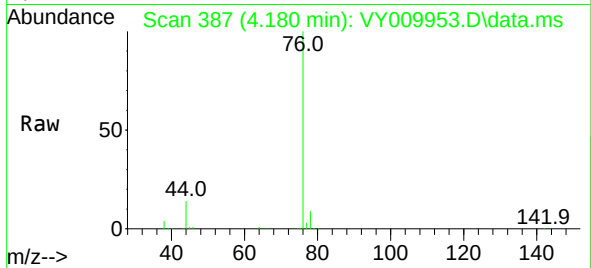




#17
Carbon Disulfide
Concen: 56.791 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

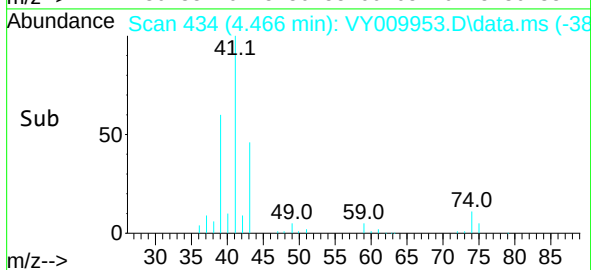
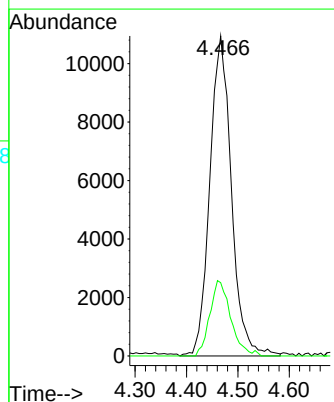
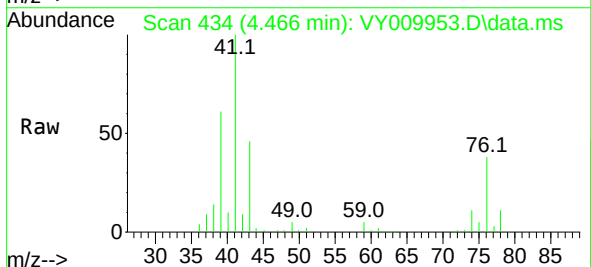
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

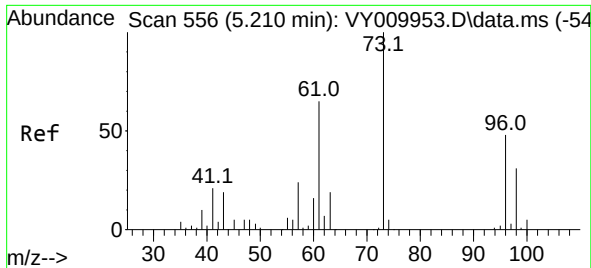
Tgt Ion: 76 Resp: 137075
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 42.581 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion: 43 Resp: 31915
Ion Ratio Lower Upper
43 100
74 22.9 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 52.821 ug/l

RT: 5.210 min Scan# 511

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

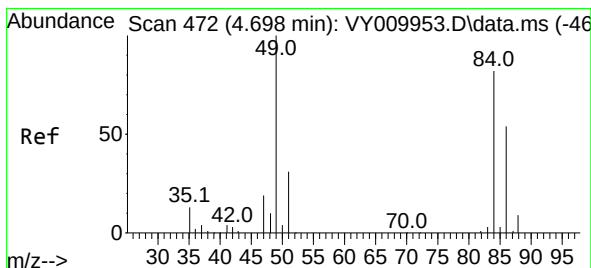
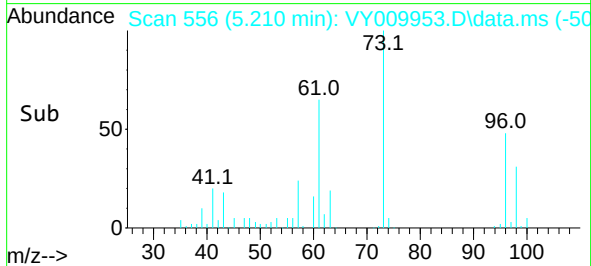
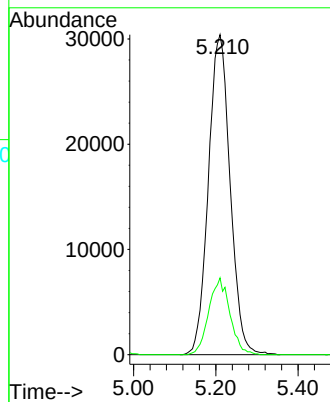
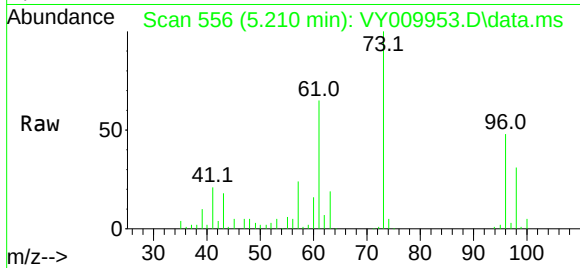
VSTDICCC050

Tgt Ion: 73 Resp: 111418

Ion Ratio Lower Upper

73 100

57 24.0 18.5 27.7



#20

Methylene Chloride

Concen: 34.432 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Tgt Ion: 84 Resp: 49461

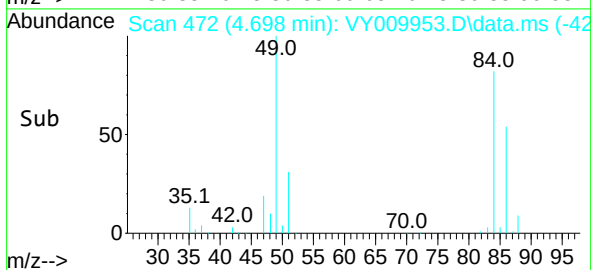
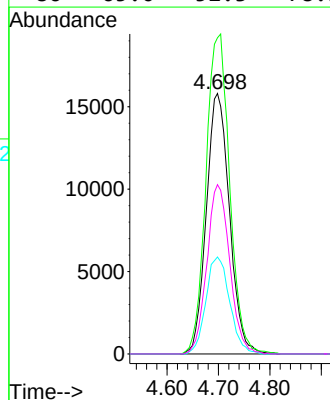
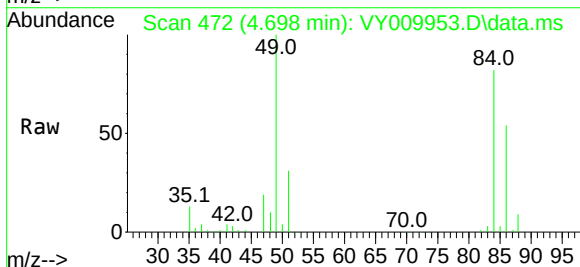
Ion Ratio Lower Upper

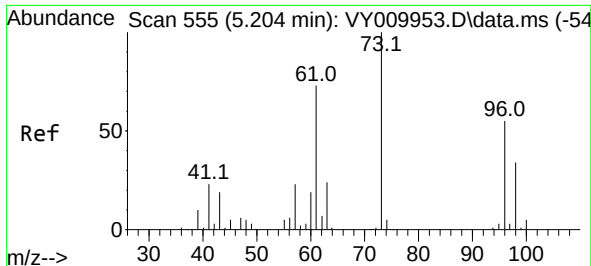
84 100

49 121.4 98.2 147.4

51 37.2 33.4 50.0

86 65.0 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 55.405 ug/l

RT: 5.204 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

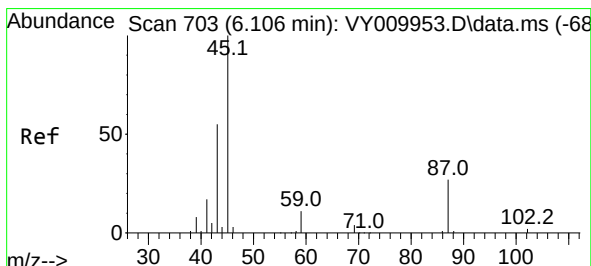
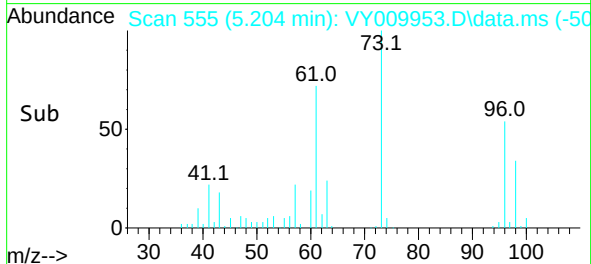
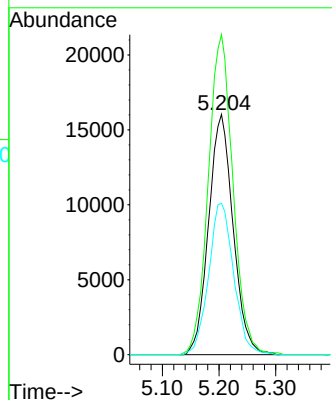
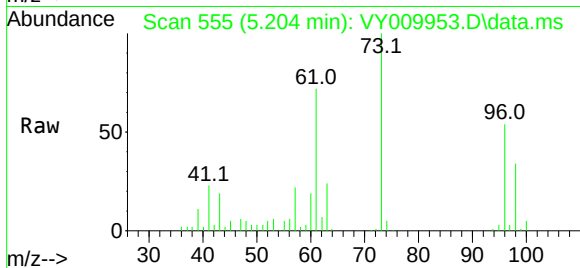
Tgt Ion: 96 Resp: 48169

Ion Ratio Lower Upper

96 100

61 133.2 105.8 158.6

98 63.0 49.7 74.5



#22

Diisopropyl ether

Concen: 51.893 ug/l

RT: 6.106 min Scan# 703

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Tgt Ion: 45 Resp: 152777

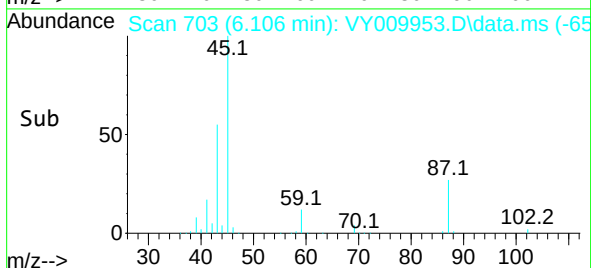
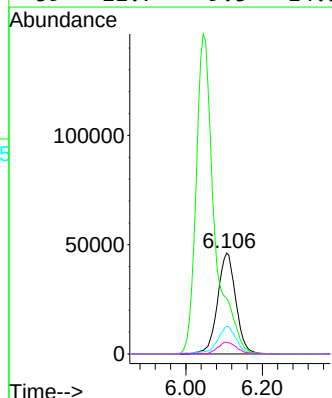
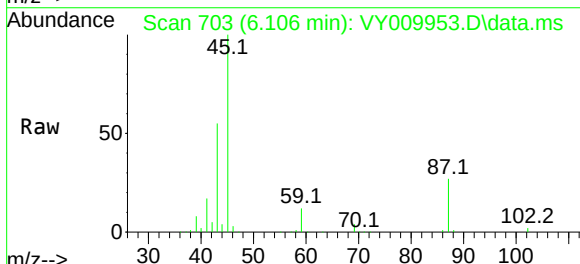
Ion Ratio Lower Upper

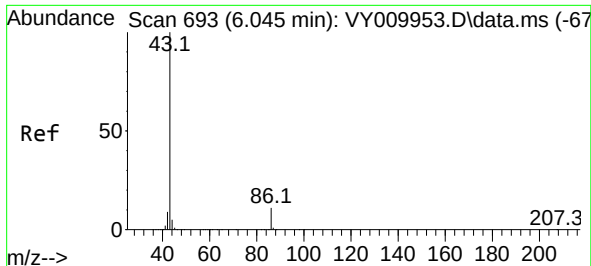
45 100

43 55.1 43.7 65.5

87 27.5 22.2 33.4

59 11.7 9.5 14.3

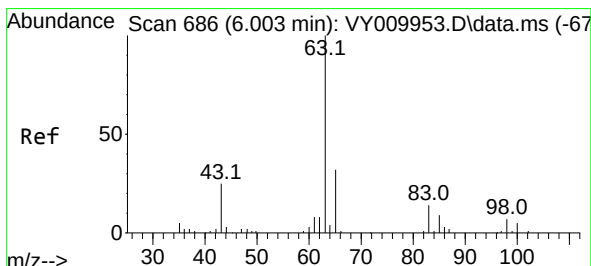
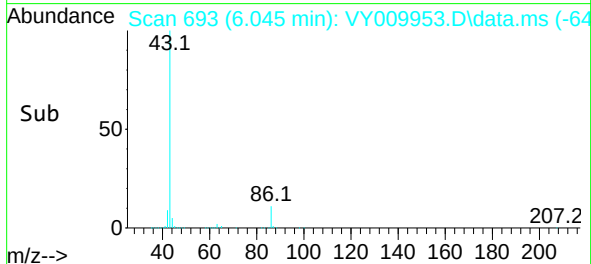
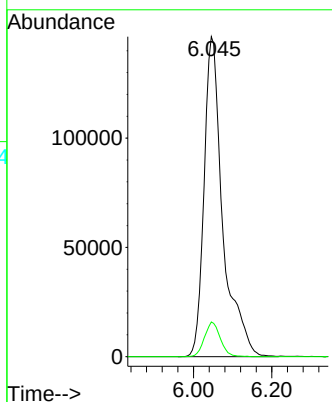
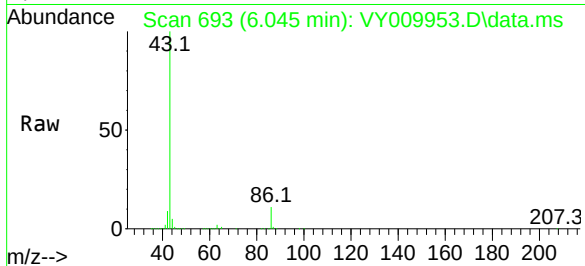




#23
 Vinyl Acetate
 Concen: 264.592 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY009953.D
 Acq: 10 Aug 2022 16:09

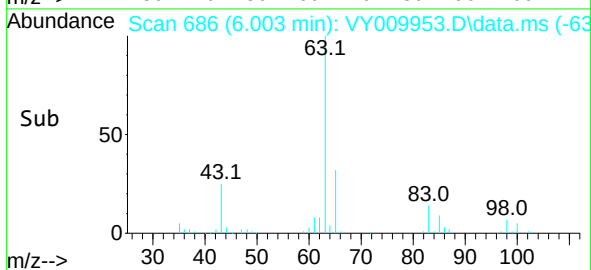
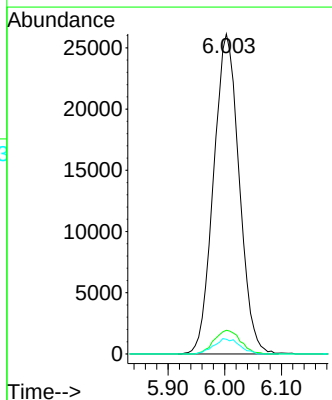
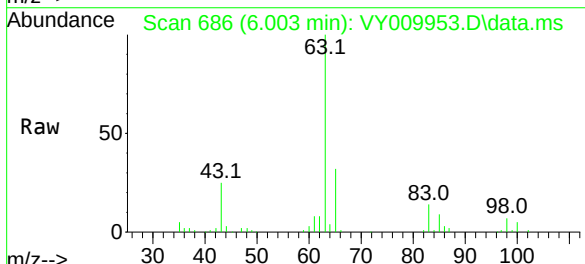
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

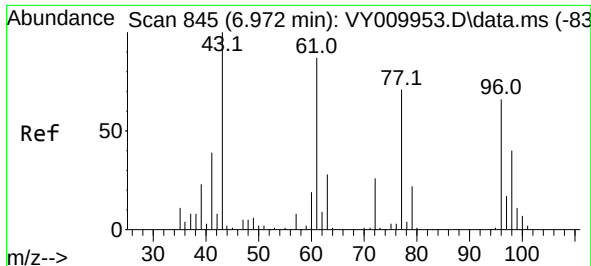
Tgt Ion: 43 Resp: 484840
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 51.244 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY009953.D
 Acq: 10 Aug 2022 16:09

Tgt Ion: 63 Resp: 81918
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.6 2.8 8.3





#25

2-Butanone

Concen: 226.208 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

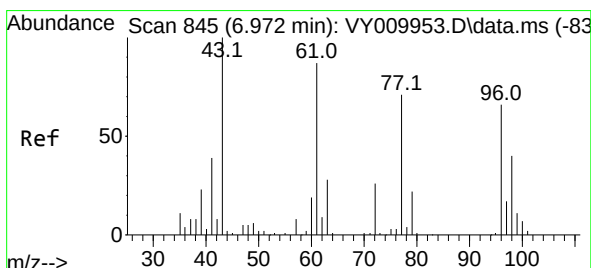
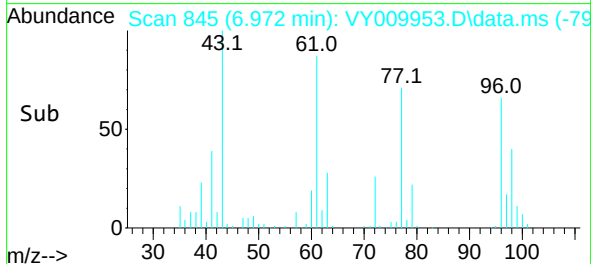
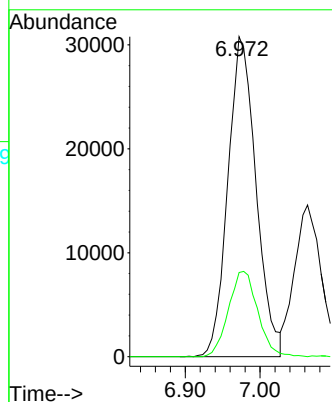
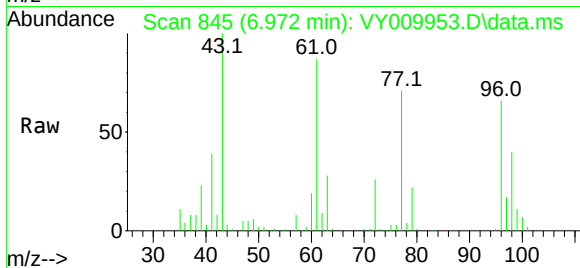
VSTDICCC050

Tgt Ion: 43 Resp: 80686

Ion Ratio Lower Upper

43 100

72 26.3 21.5 32.3



#26

2,2-Dichloropropane

Concen: 47.394 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009953.D

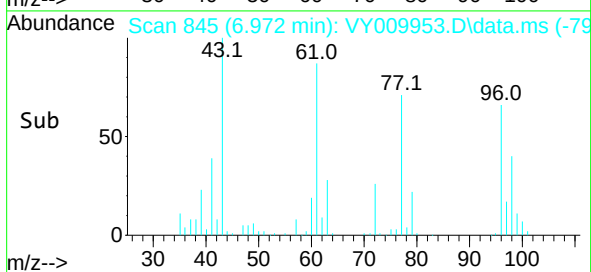
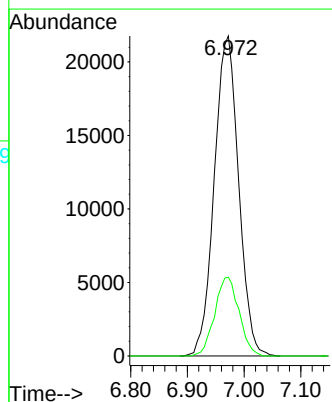
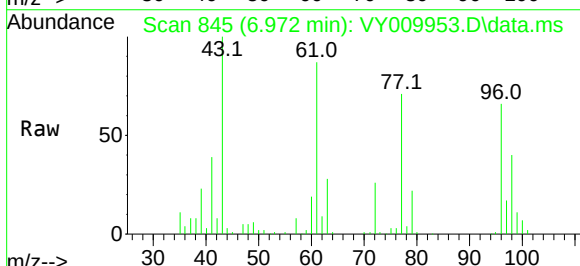
Acq: 10 Aug 2022 16:09

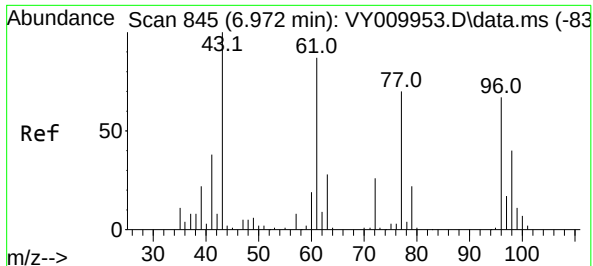
Tgt Ion: 77 Resp: 64935

Ion Ratio Lower Upper

77 100

97 24.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 54.646 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

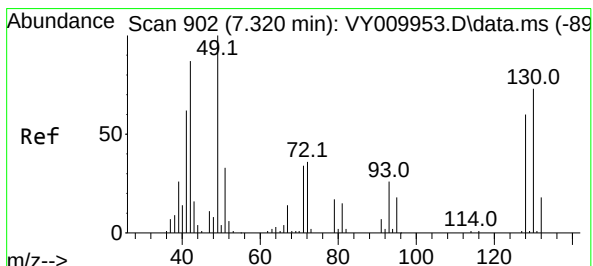
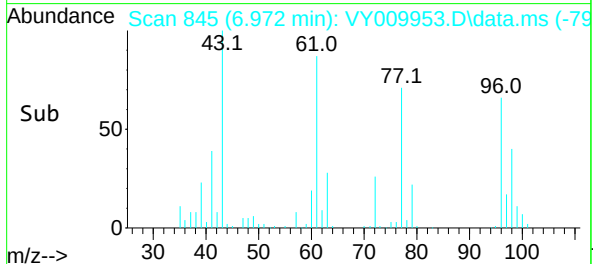
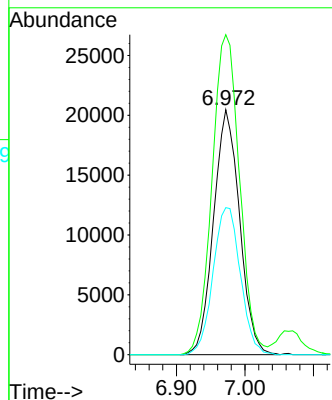
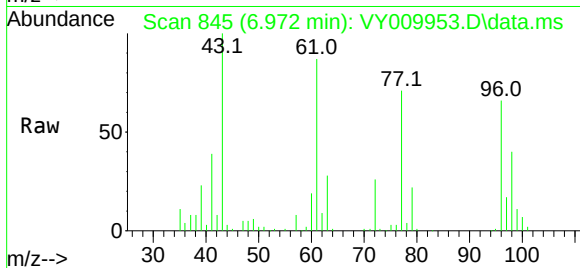
Tgt Ion: 96 Resp: 54048

Ion Ratio Lower Upper

96 100

61 137.9 0.0 285.6

98 63.0 0.0 131.0



#28

Bromochloromethane

Concen: 62.863 ug/l

RT: 7.320 min Scan# 902

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

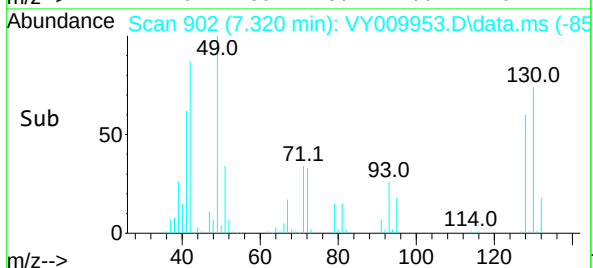
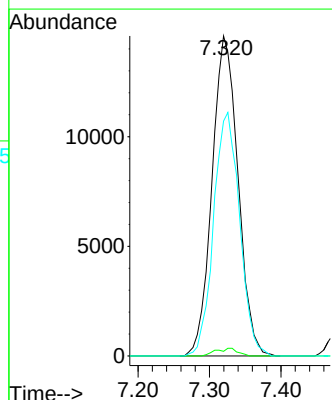
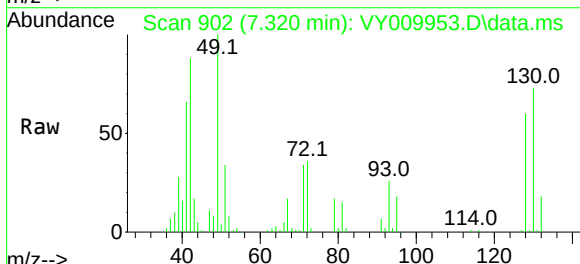
Tgt Ion: 49 Resp: 36843

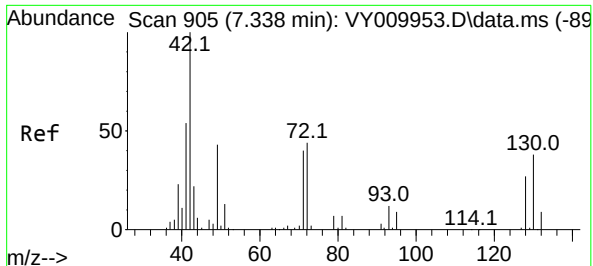
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 76.2 64.1 96.1





#29

Tetrahydrofuran

Concen: 241.274 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

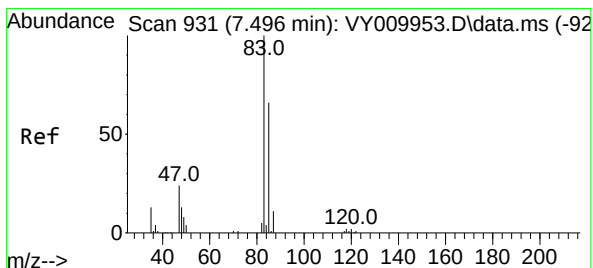
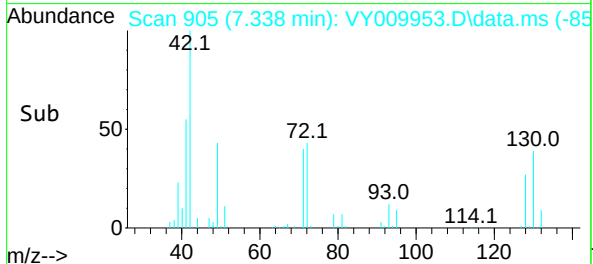
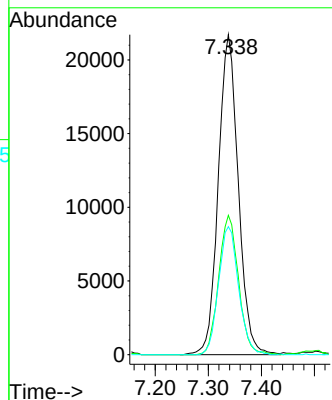
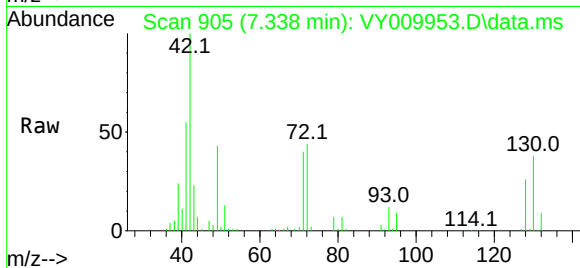
Tgt Ion: 42 Resp: 56830

Ion Ratio Lower Upper

42 100

72 43.2 34.6 52.0

71 40.2 32.7 49.1



#30

Chloroform

Concen: 51.030 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009953.D

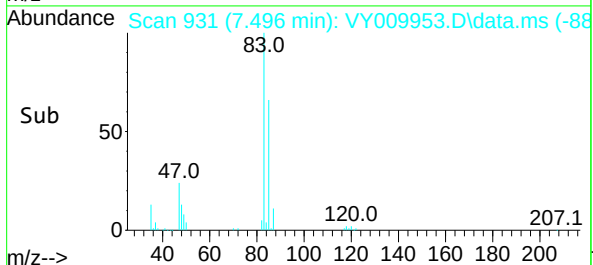
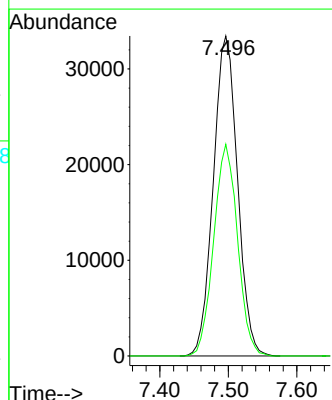
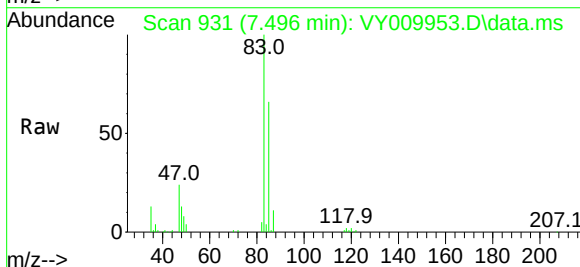
Acq: 10 Aug 2022 16:09

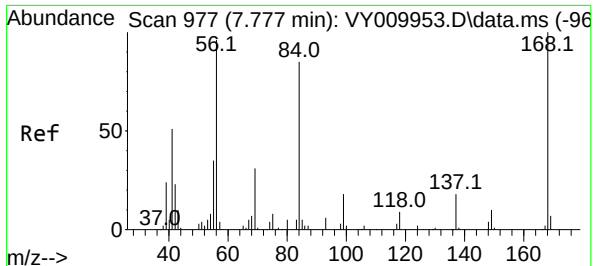
Tgt Ion: 83 Resp: 82074

Ion Ratio Lower Upper

83 100

85 66.1 50.5 75.7

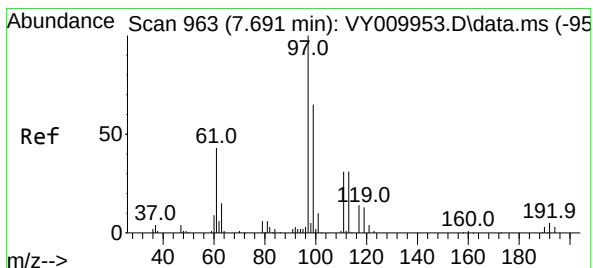
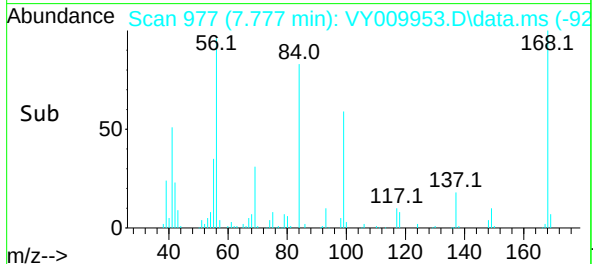
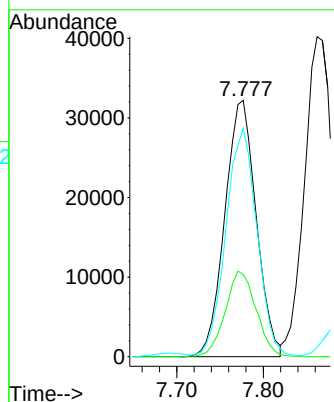
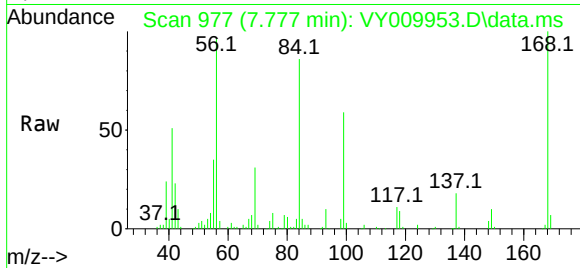




#31
Cyclohexane
Concen: 52.773 ug/l
RT: 7.777 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

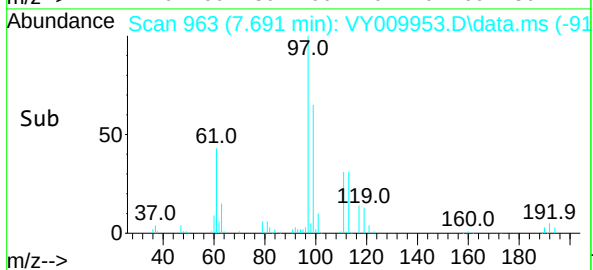
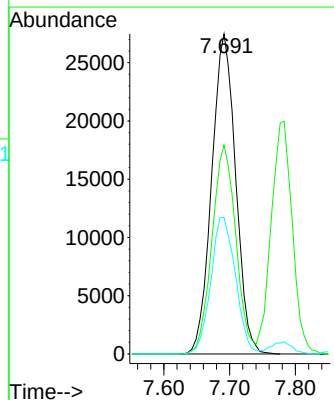
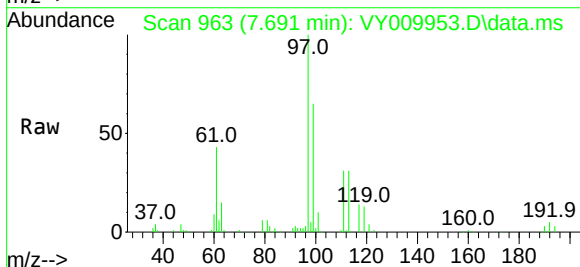
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

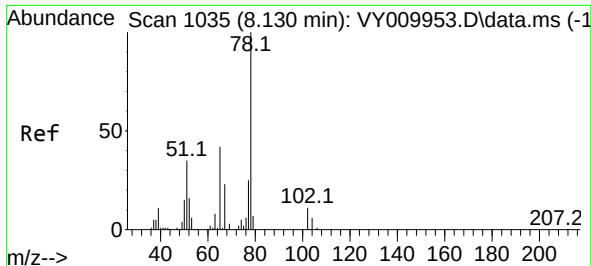
Tgt Ion: 56 Resp: 81009
Ion Ratio Lower Upper
56 100
69 32.1 26.0 39.0
84 87.9 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 51.381 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion: 97 Resp: 69639
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.8
61 44.0 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 40.699 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

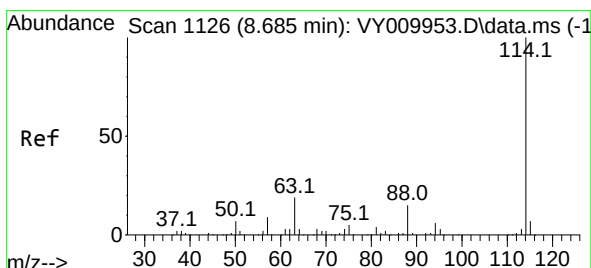
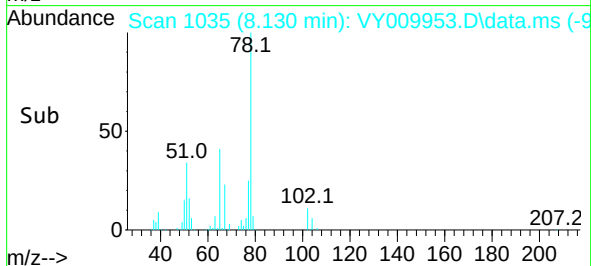
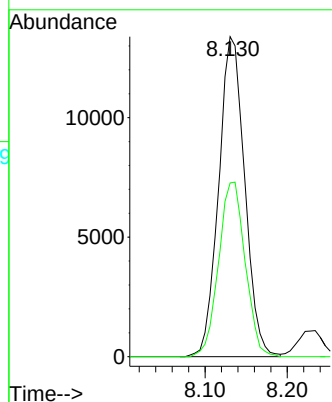
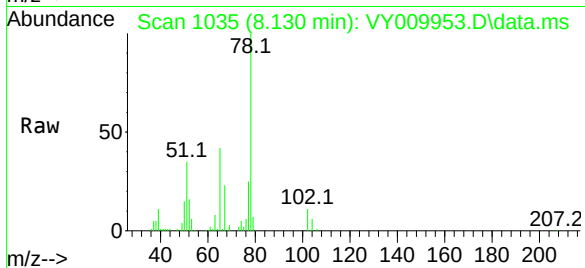
VSTDICCC050

Tgt Ion: 65 Resp: 29473

Ion Ratio Lower Upper

65 100

67 55.6 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

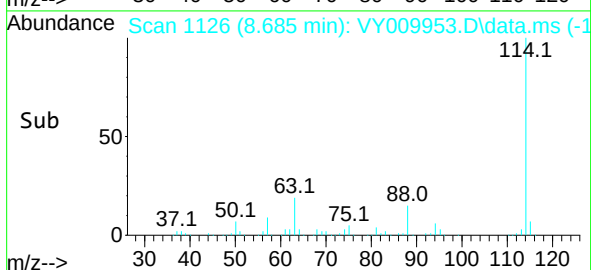
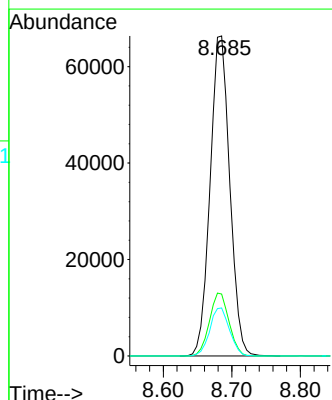
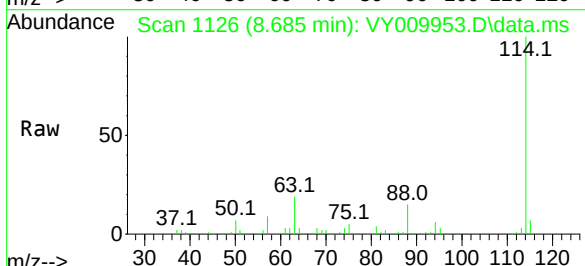
Tgt Ion: 114 Resp: 132177

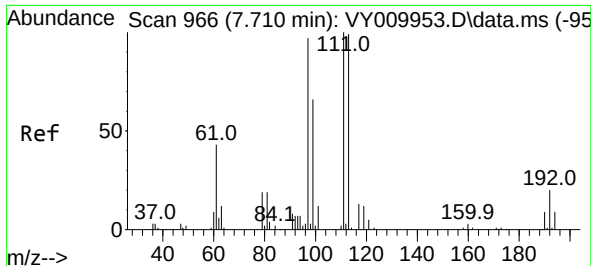
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.0

88 15.0 0.0 30.0

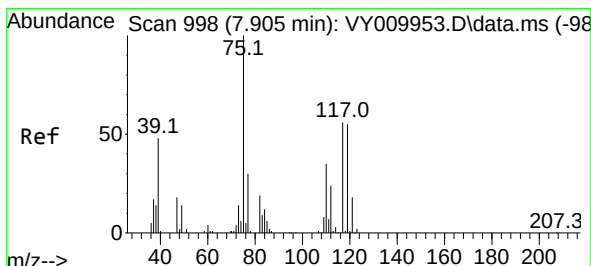
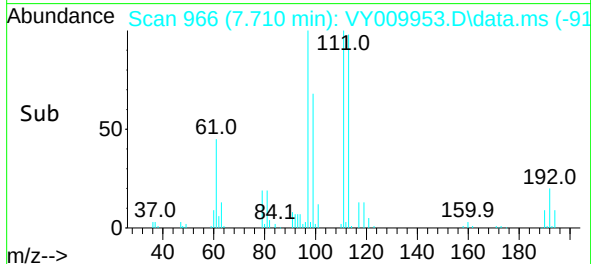
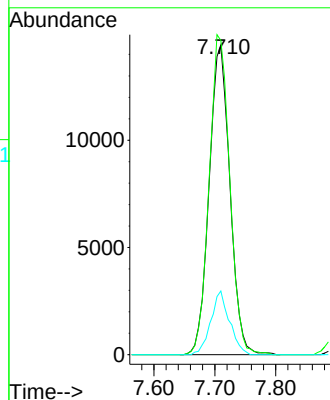
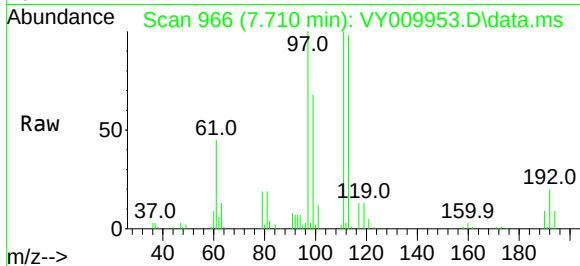




#35
Dibromofluoromethane
Concen: 47.379 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

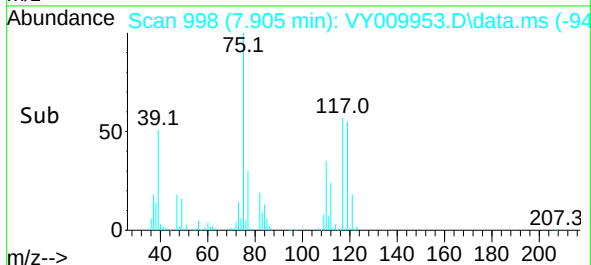
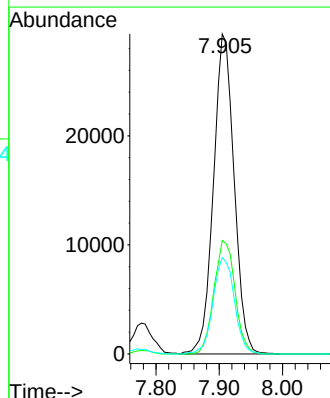
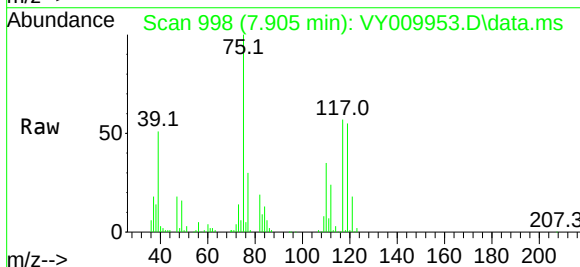
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

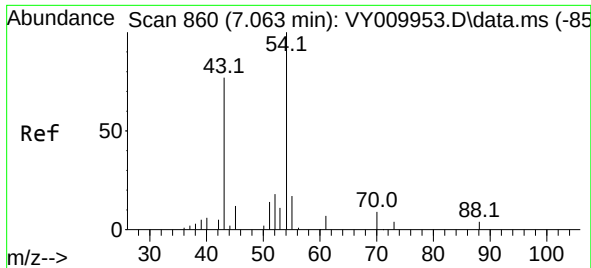
Tgt Ion:113 Resp: 34219
Ion Ratio Lower Upper
113 100
111 102.4 80.6 120.8
192 18.5 16.2 24.4



#36
1,1-Dichloropropene
Concen: 54.526 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion: 75 Resp: 66564
Ion Ratio Lower Upper
75 100
110 36.0 18.6 56.0
77 31.0 25.0 37.4

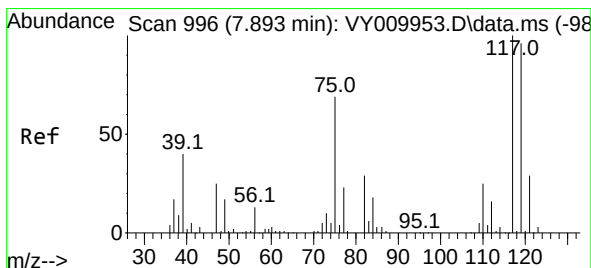
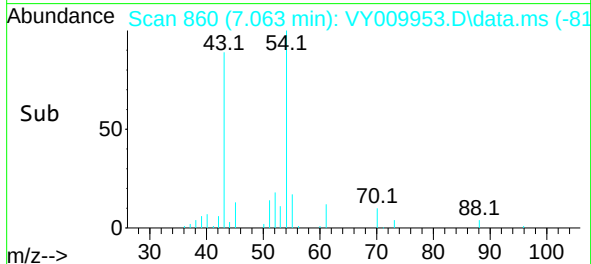
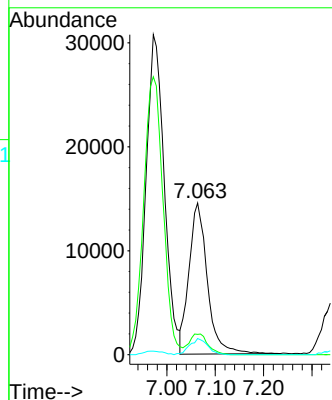
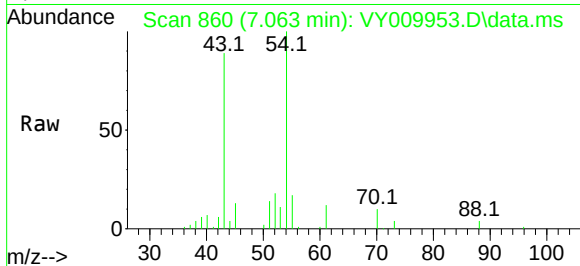




#37
Ethyl Acetate
Concen: 48.239 ug/l
RT: 7.063 min Scan# 860
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

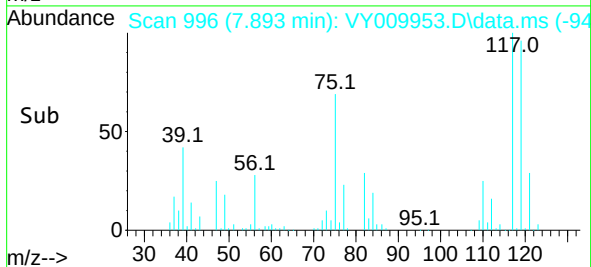
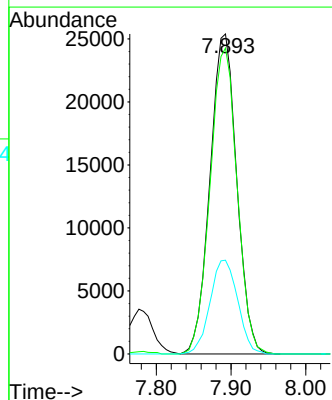
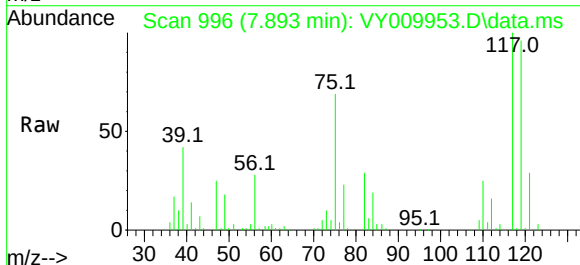
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

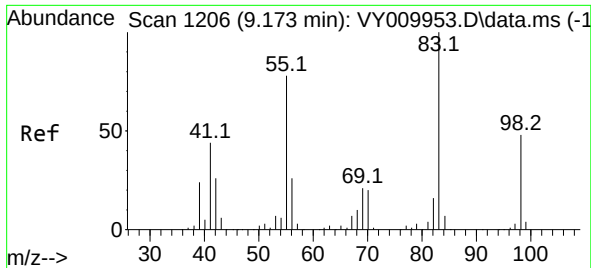
Tgt Ion:	43	Resp:	38312
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.2	16.8
70	10.5	8.4	12.6



#38
Carbon Tetrachloride
Concen: 52.446 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion:	117	Resp:	63113
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.9	113.9
121	29.3	24.9	37.3

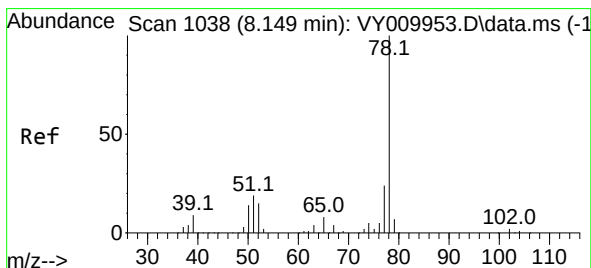
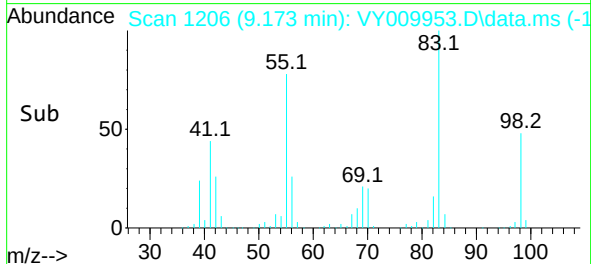
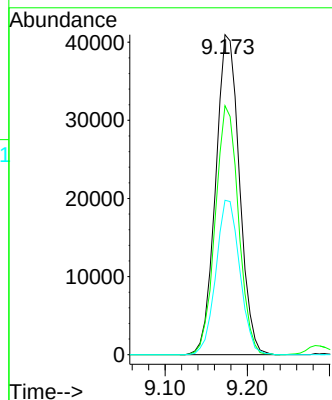
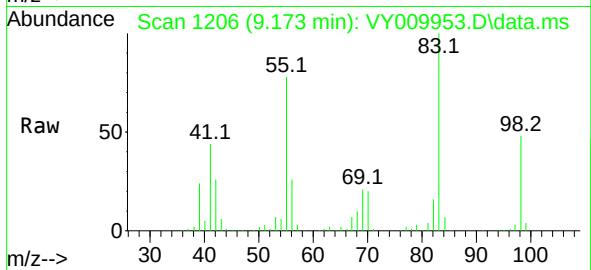




#39
Methylcyclohexane
Concen: 57.178 ug/l
RT: 9.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

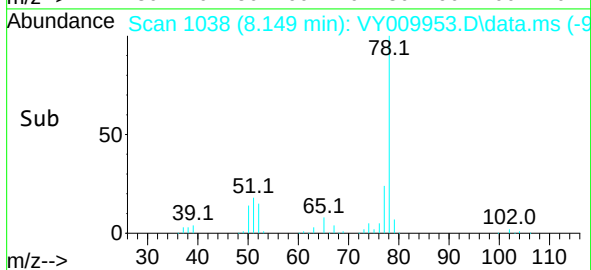
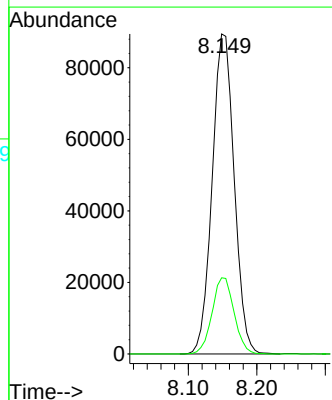
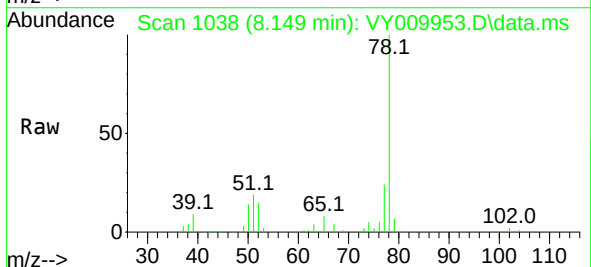
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

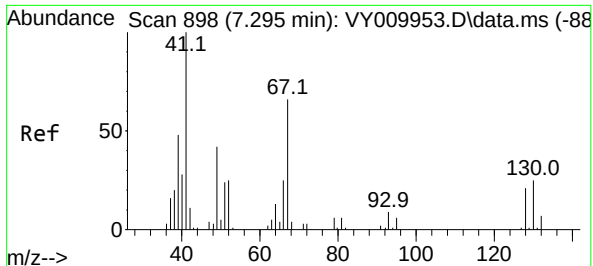
Tgt Ion: 83 Resp: 82297
Ion Ratio Lower Upper
83 100
55 77.8 56.7 85.1
98 48.3 39.9 59.9



#40
Benzene
Concen: 54.389 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion: 78 Resp: 199159
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

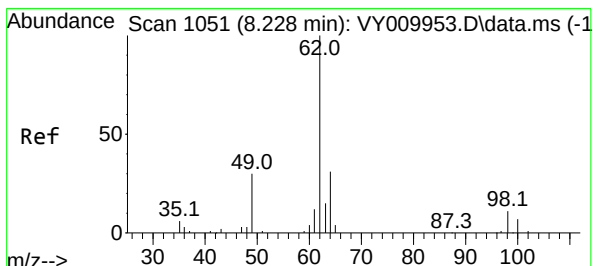
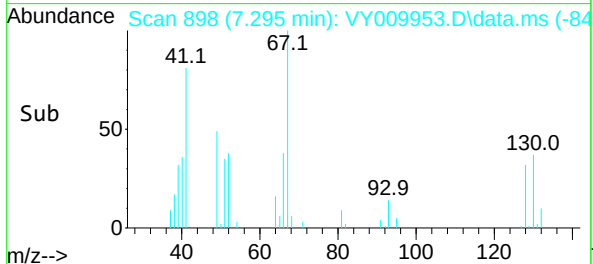
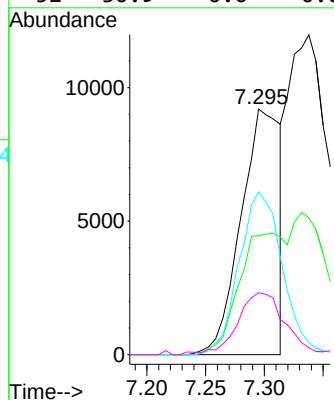
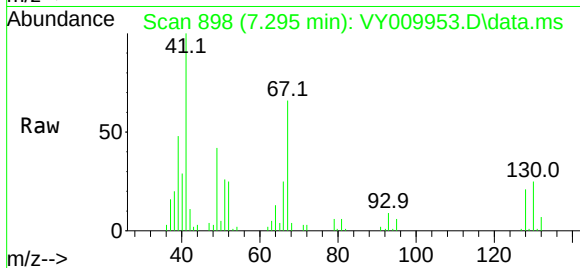




#41
Methacrylonitrile
Concen: 49.091 ug/l
RT: 7.295 min Scan# 898
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

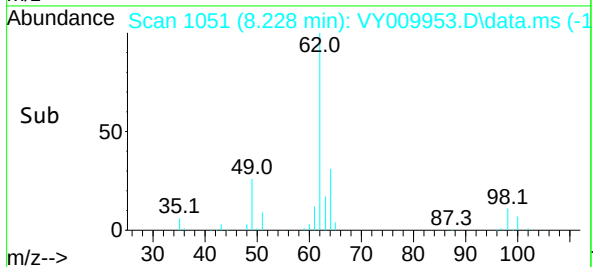
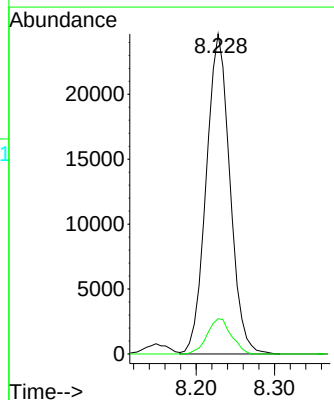
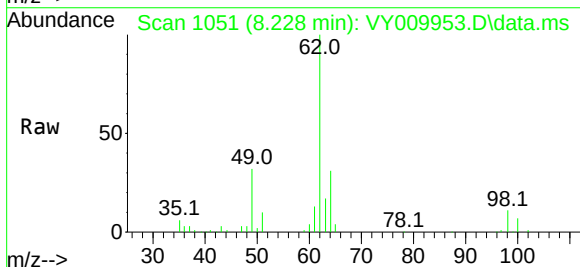
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

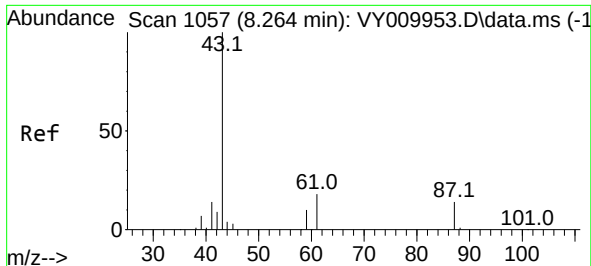
Tgt Ion:	41	Resp:	21334
Ion	Ratio	Lower	Upper
41	100		
39	60.1	0.0	0.0#
67	73.2	0.0	0.0#
52	30.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 51.184 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion:	62	Resp:	51748
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	20.6





#43

Isopropyl Acetate

Concen: 48.658 ug/l

RT: 8.264 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

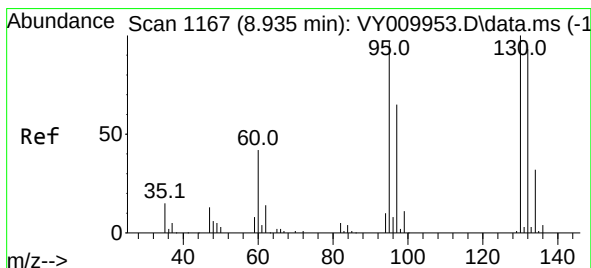
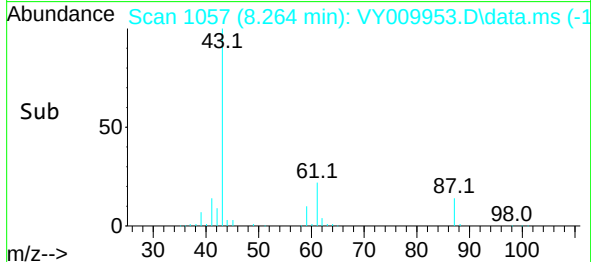
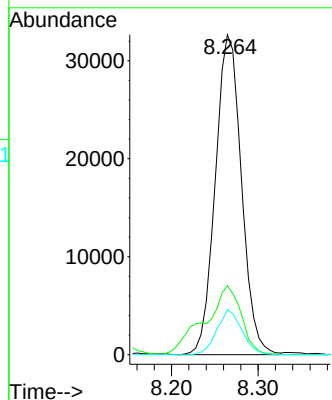
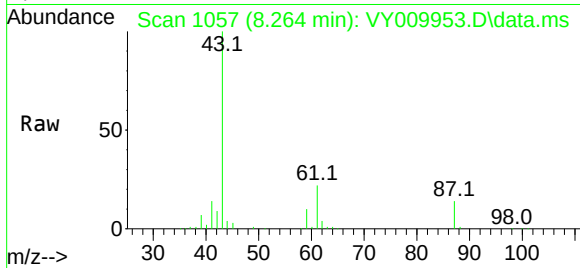
Tgt Ion: 43 Resp: 68504

Ion Ratio Lower Upper

43 100

61 30.3 23.6 35.4

87 13.4 11.3 16.9



#44

Trichloroethene

Concen: 53.542 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY009953.D

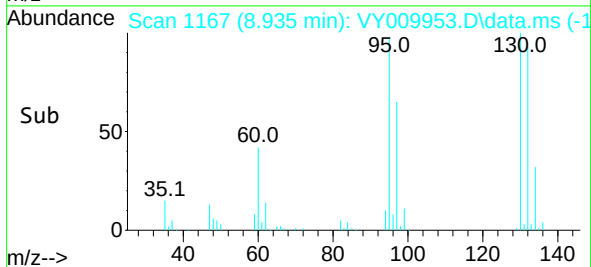
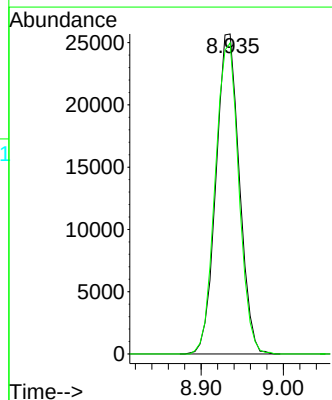
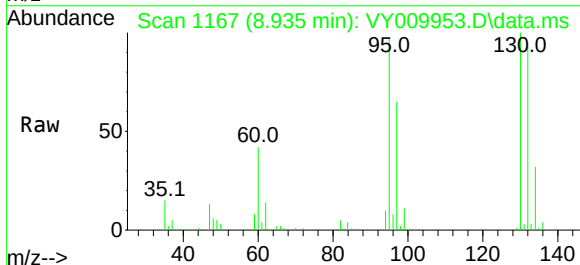
Acq: 10 Aug 2022 16:09

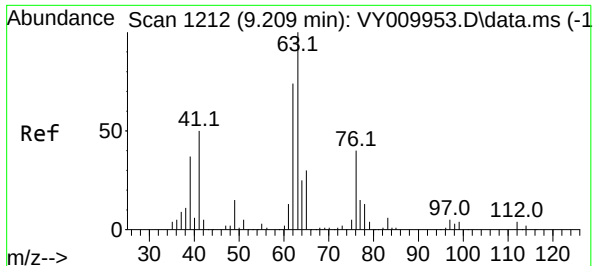
Tgt Ion:130 Resp: 50826

Ion Ratio Lower Upper

130 100

95 97.2 0.0 194.6





#45

1,2-Dichloropropane

Concen: 52.679 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

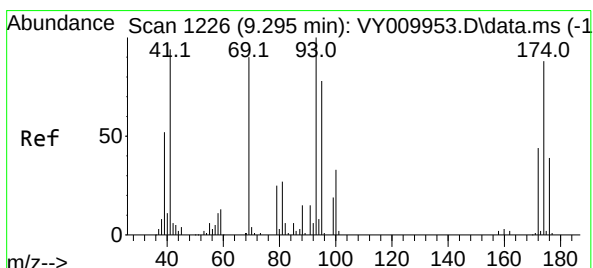
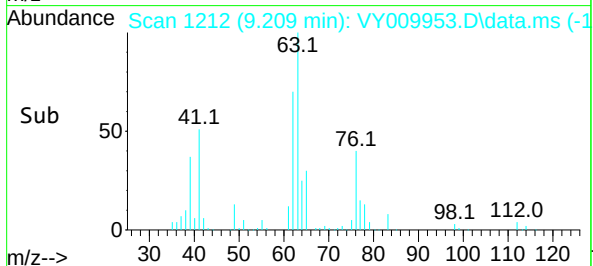
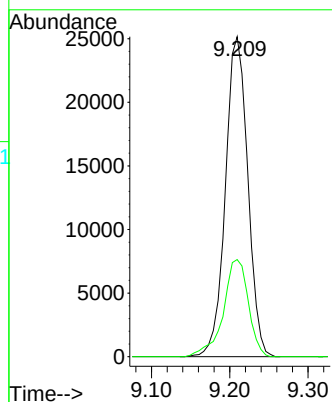
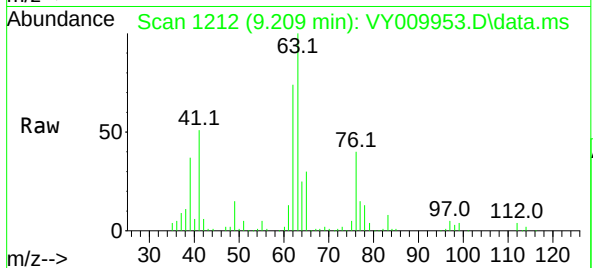
VSTDICCC050

Tgt Ion: 63 Resp: 49932

Ion Ratio Lower Upper

63 100

65 30.3 23.7 35.5



#46

Dibromomethane

Concen: 53.111 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

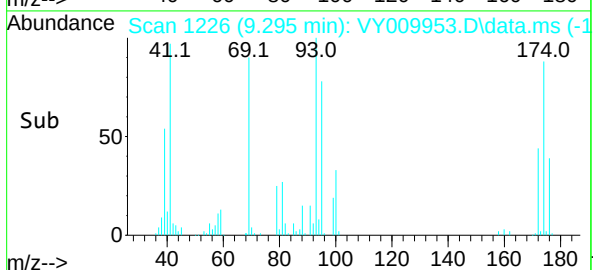
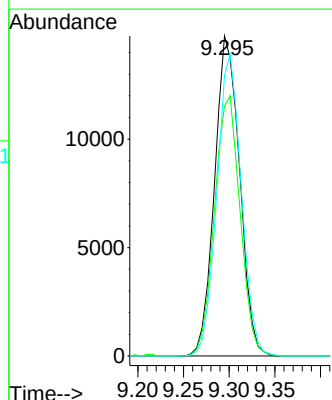
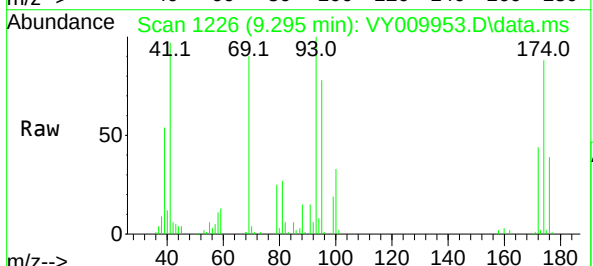
Tgt Ion: 93 Resp: 28099

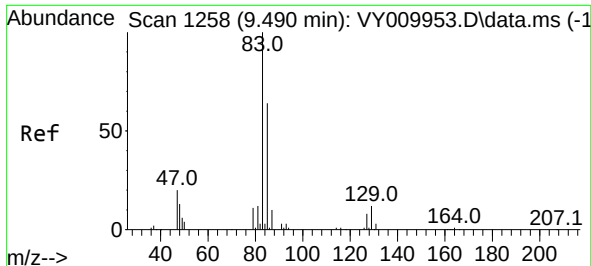
Ion Ratio Lower Upper

93 100

95 83.0 66.3 99.5

174 92.4 80.6 120.8

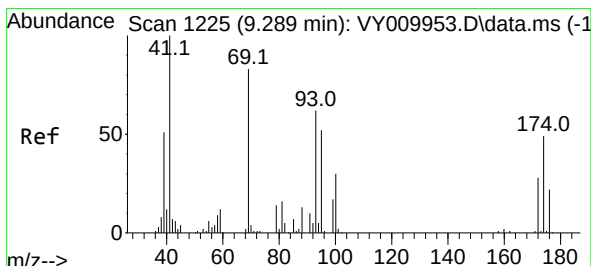
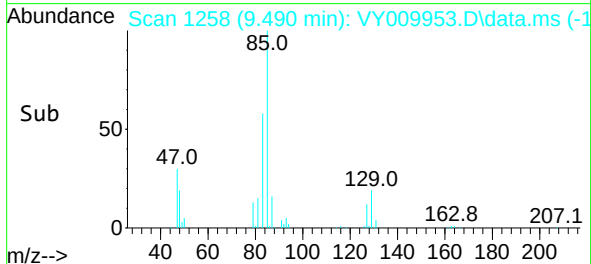
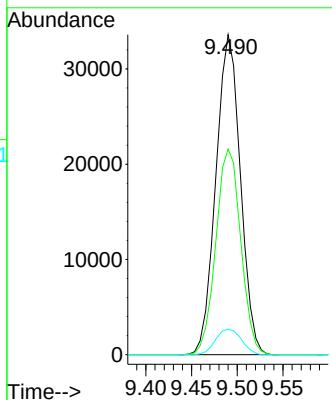
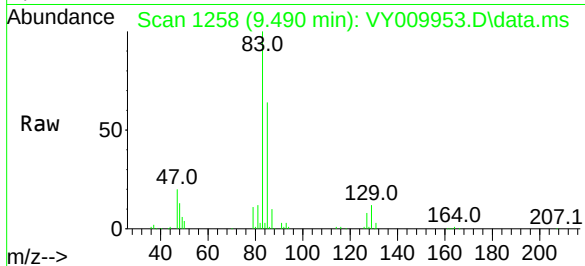




#47
Bromodichloromethane
Concen: 51.669 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

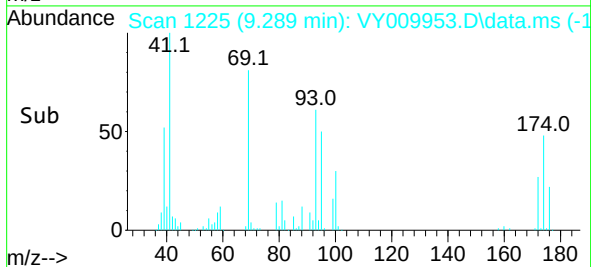
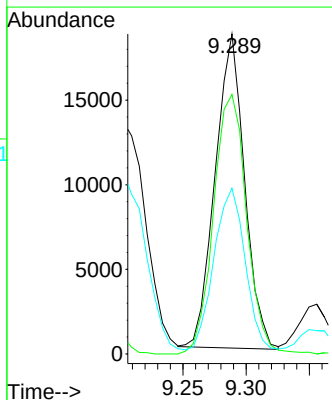
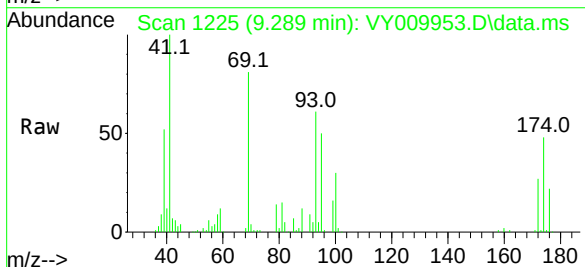
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

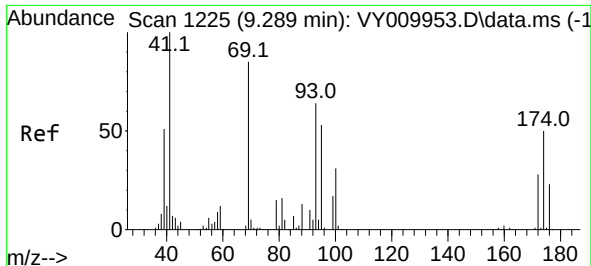
Tgt Ion: 83 Resp: 62690
Ion Ratio Lower Upper
83 100
85 64.2 51.2 76.8
127 8.0 7.1 10.7



#48
Methyl methacrylate
Concen: 47.775 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion: 41 Resp: 29958
Ion Ratio Lower Upper
41 100
69 92.7 73.2 109.8
39 54.8 47.5 71.3

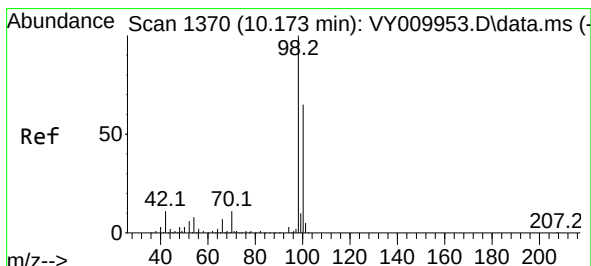
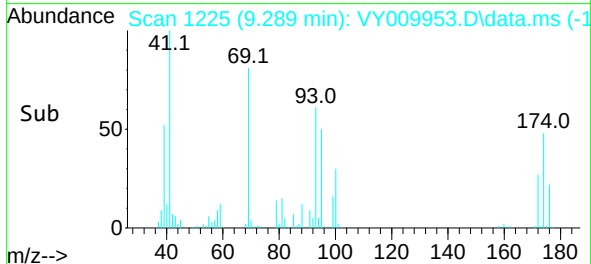
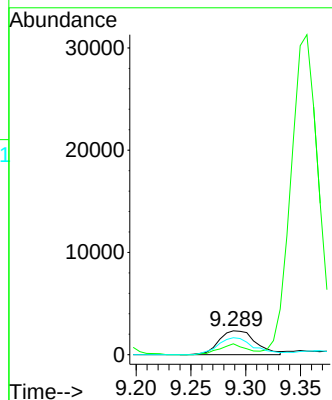
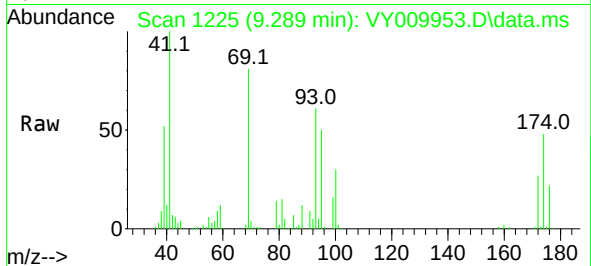




#49
1,4-Dioxane
Concen: 931.735 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

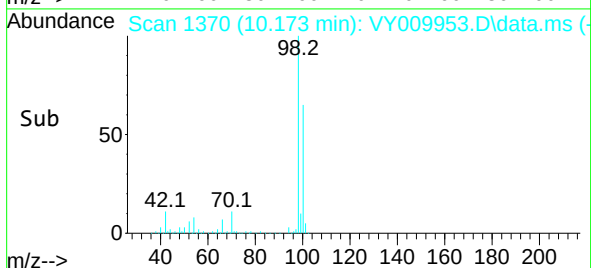
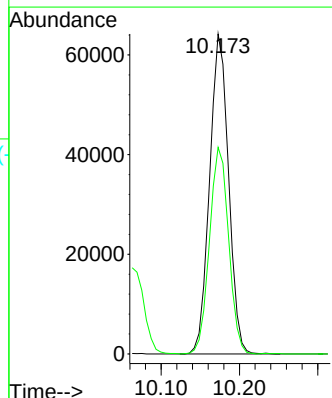
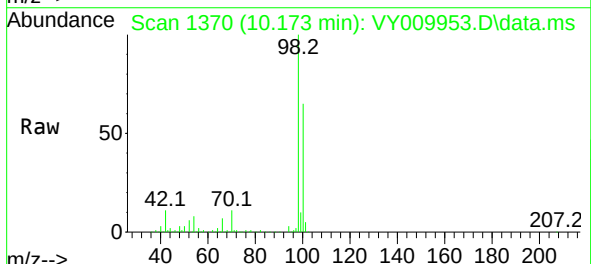
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

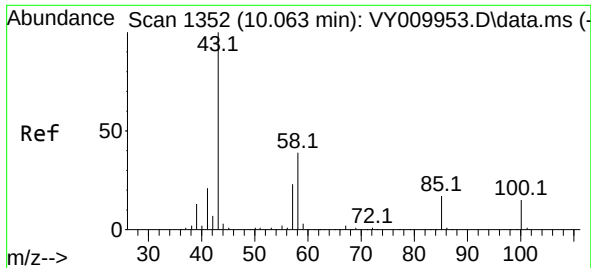
Tgt Ion: 88 Resp: 5475
Ion Ratio Lower Upper
88 100
43 34.2 26.3 39.5
58 68.8 52.6 79.0



#50
Toluene-d8
Concen: 42.203 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion: 98 Resp: 107640
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3

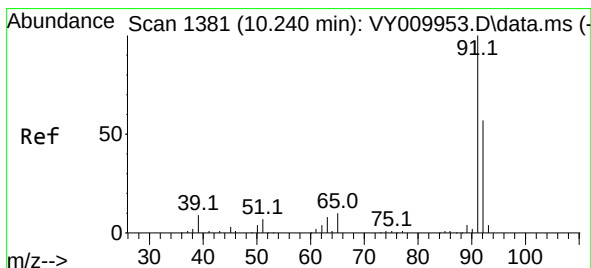
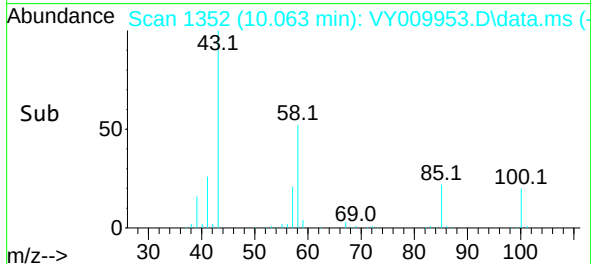
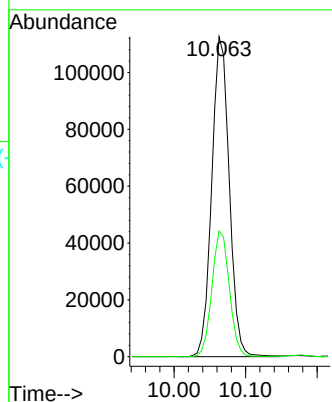
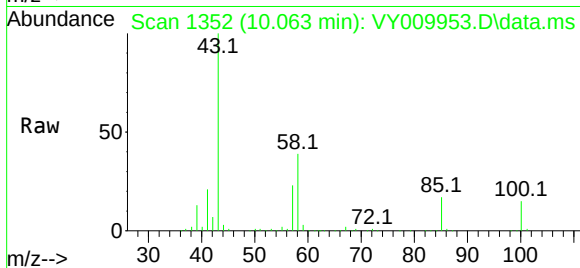




#51
4-Methyl-2-Pentanone
Concen: 245.718 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

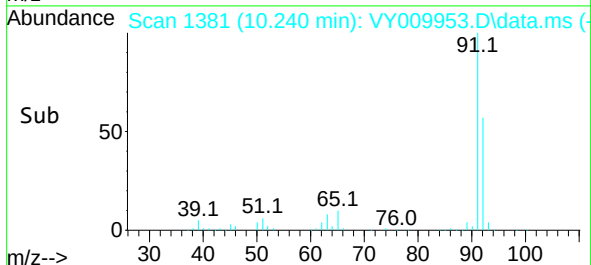
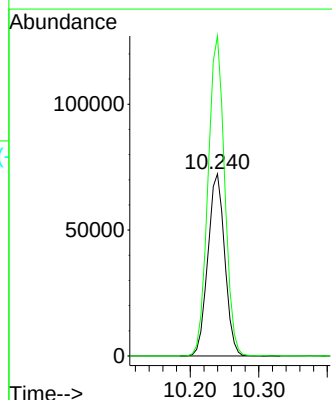
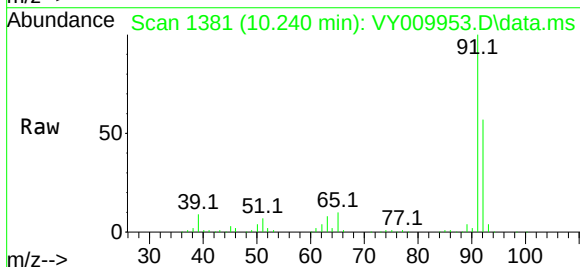
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

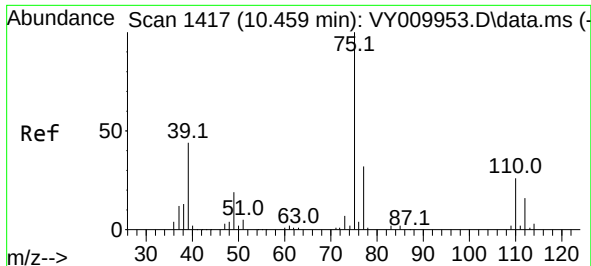
Tgt Ion: 43 Resp: 191179
Ion Ratio Lower Upper
43 100
58 39.2 31.5 47.3



#52
Toluene
Concen: 54.479 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion: 92 Resp: 123873
Ion Ratio Lower Upper
92 100
91 173.1 138.7 208.1

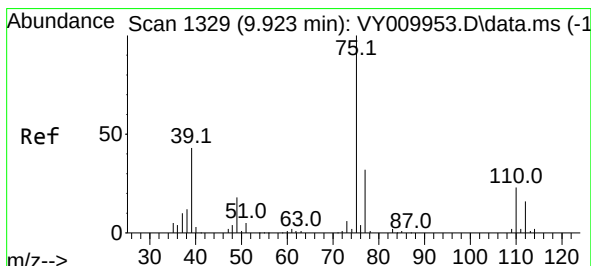
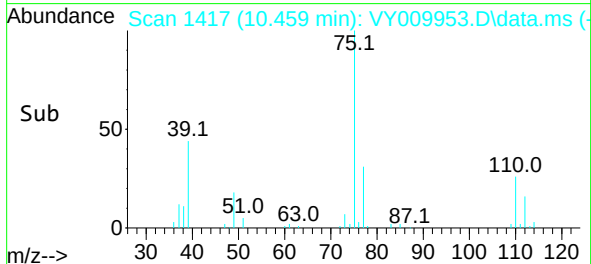
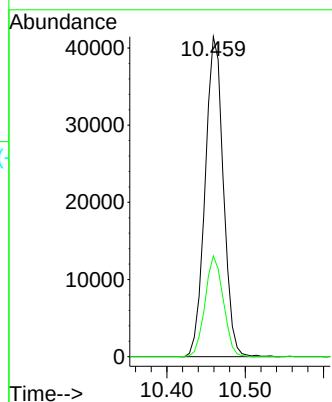
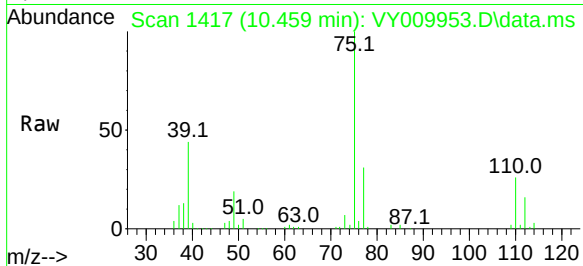




#53
 t-1,3-Dichloropropene
 Concen: 52.544 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY009953.D
 Acq: 10 Aug 2022 16:09

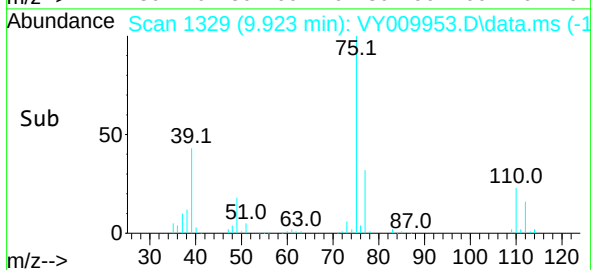
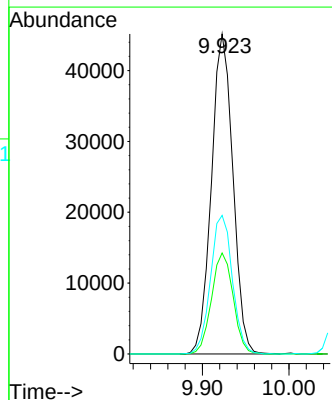
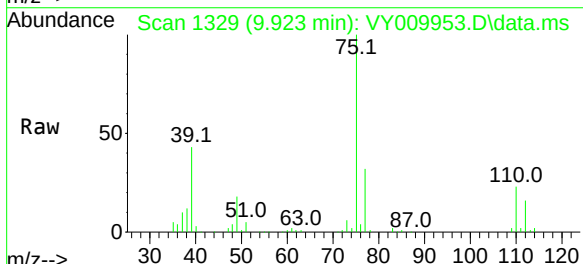
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

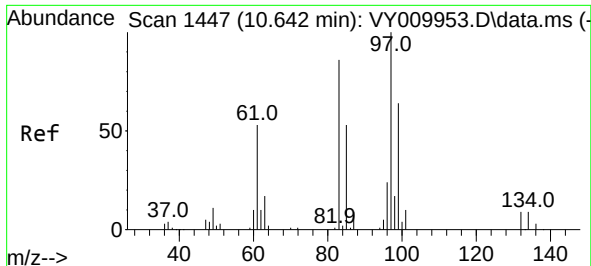
Tgt Ion: 75 Resp: 66865
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.517 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY009953.D
 Acq: 10 Aug 2022 16:09

Tgt Ion: 75 Resp: 77783
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8
 39 43.3 35.8 53.8

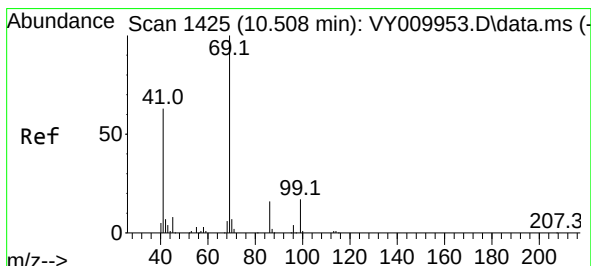
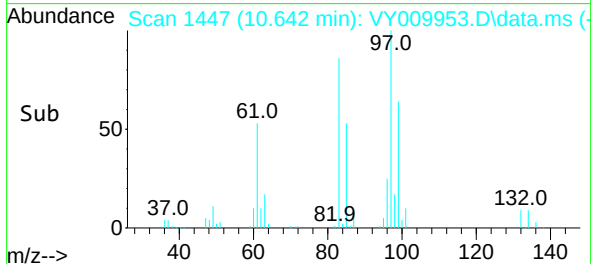
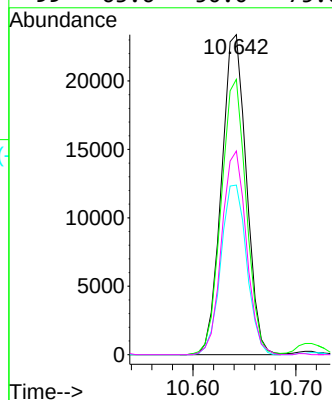
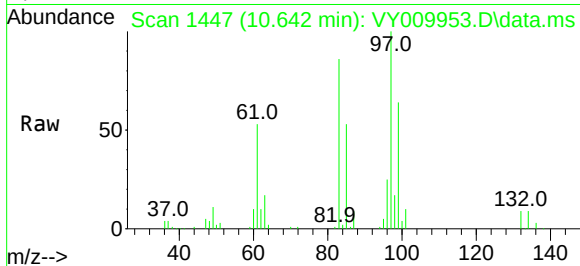




#55
 1,1,2-Trichloroethane
 Concen: 51.510 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VY009953.D
 Acq: 10 Aug 2022 16:09

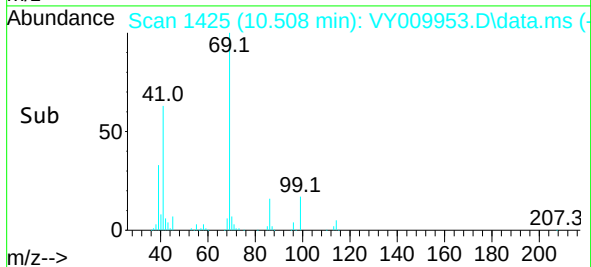
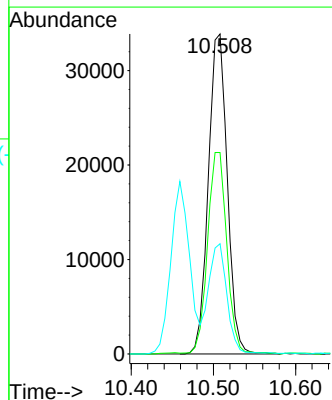
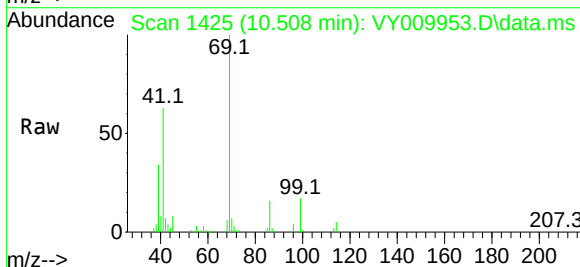
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

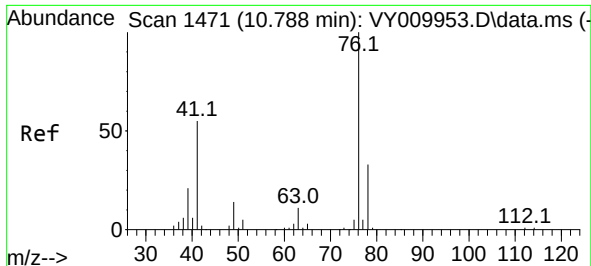
Tgt Ion:	97	Resp:	39307
Ion	Ratio	Lower	Upper
97	100		
83	86.1	66.9	100.3
85	53.0	44.2	66.4
99	63.6	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 55.118 ug/l
 RT: 10.508 min Scan# 1425
 Delta R.T. 0.000 min
 Lab File: VY009953.D
 Acq: 10 Aug 2022 16:09

Tgt Ion:	69	Resp:	54159
Ion	Ratio	Lower	Upper
69	100		
41	64.2	50.4	75.6
39	33.4	27.6	41.4

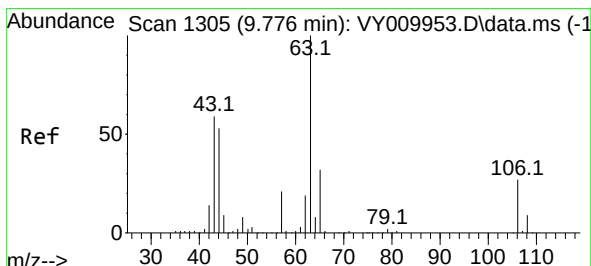
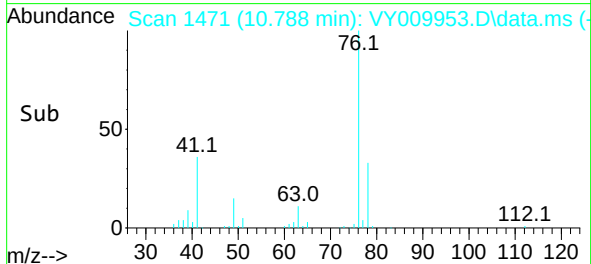
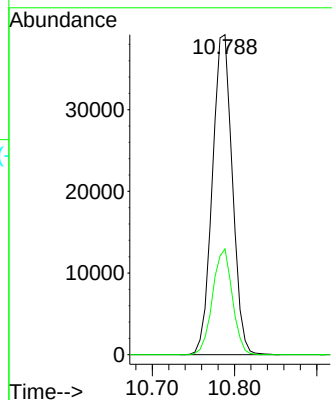
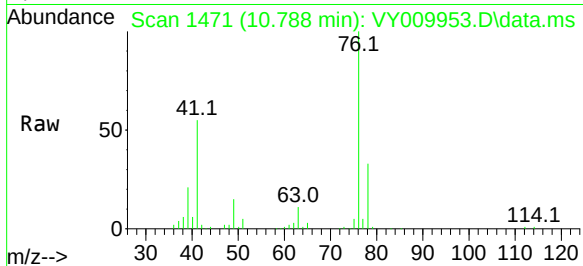




#57
1,3-Dichloropropane
Concen: 51.776 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

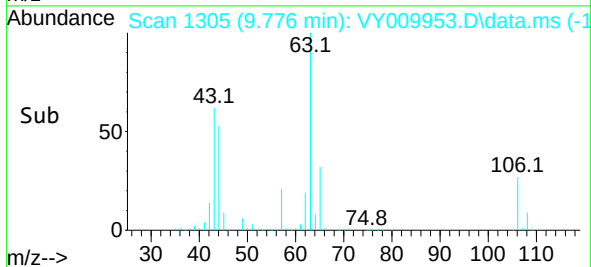
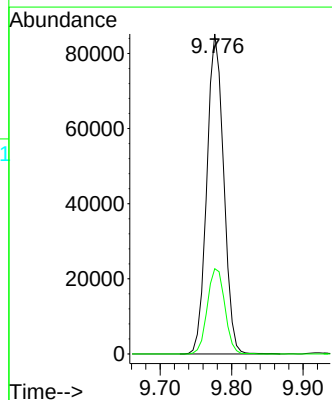
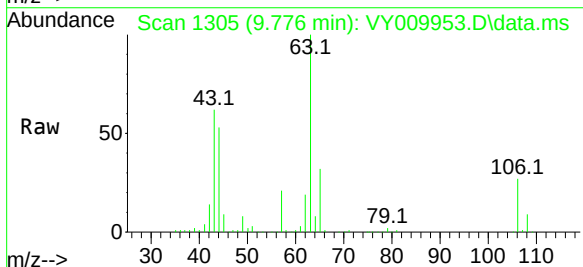
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

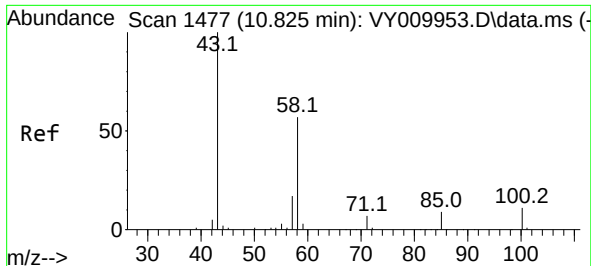
Tgt Ion: 76 Resp: 66238
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 297.227 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion: 63 Resp: 139291
Ion Ratio Lower Upper
63 100
106 27.7 23.3 34.9

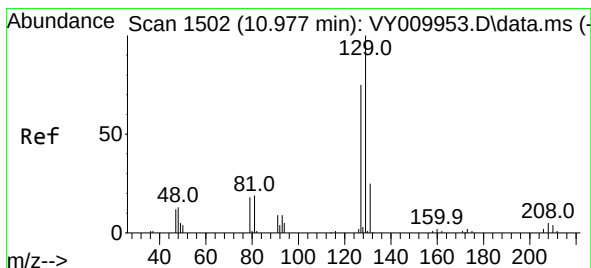
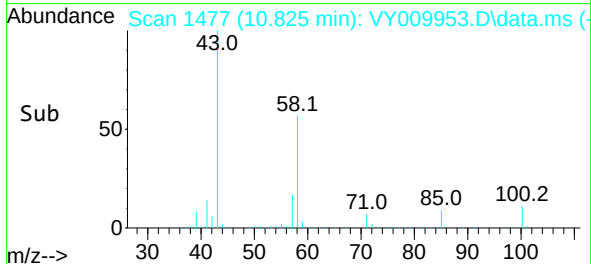
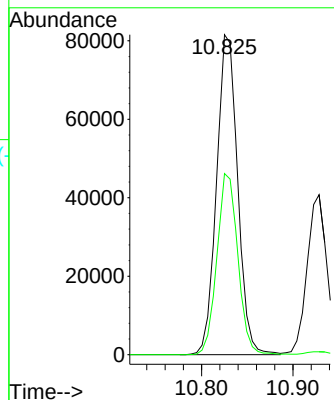
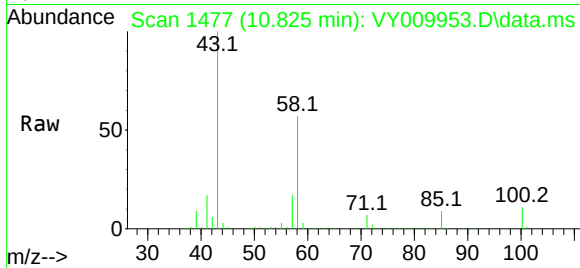




#59
2-Hexanone
Concen: 247.993 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

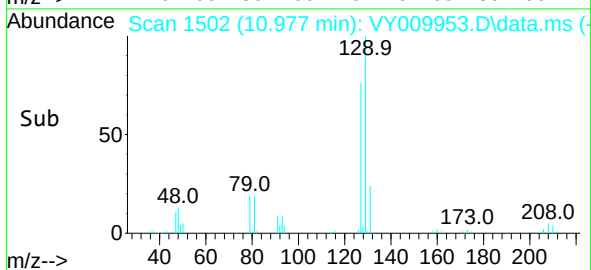
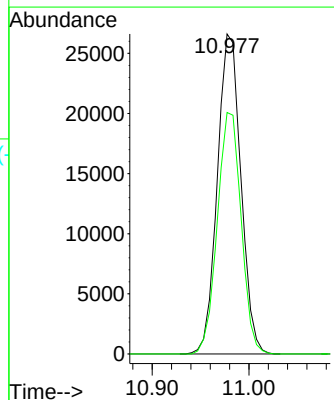
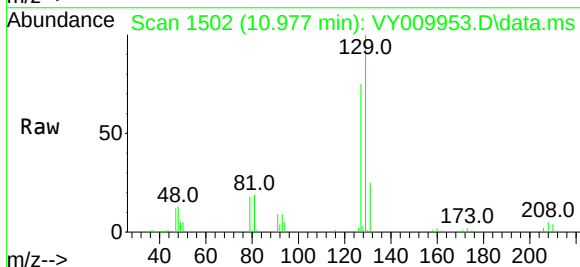
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

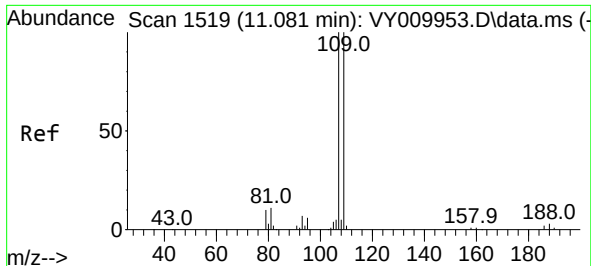
Tgt Ion: 43 Resp: 131054
Ion Ratio Lower Upper
43 100
58 56.2 27.6 82.8



#60
Dibromochloromethane
Concen: 51.164 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion:129 Resp: 44973
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.4

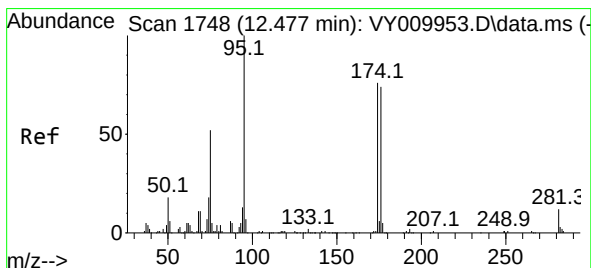
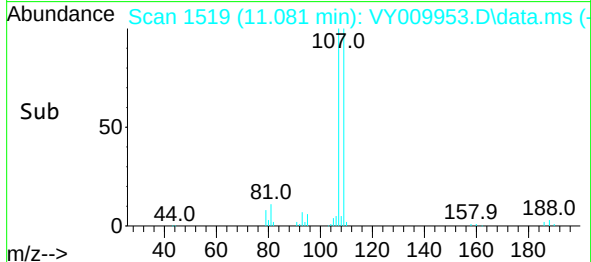
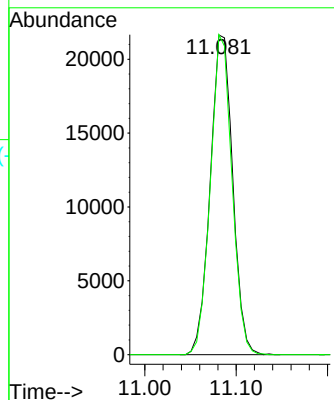
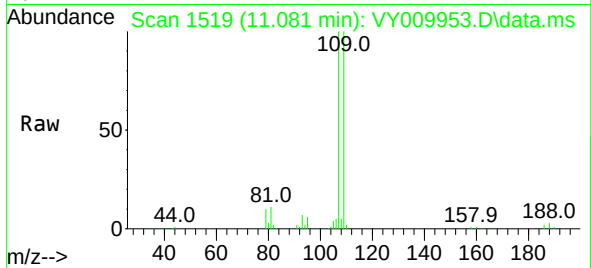




#61
1,2-Dibromoethane
Concen: 51.081 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

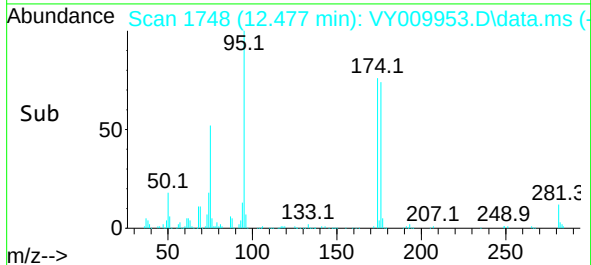
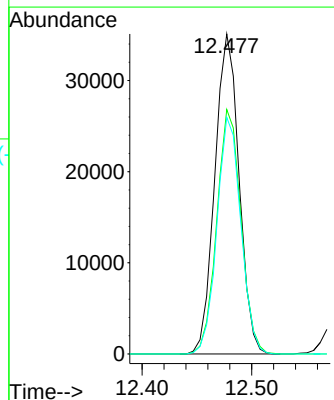
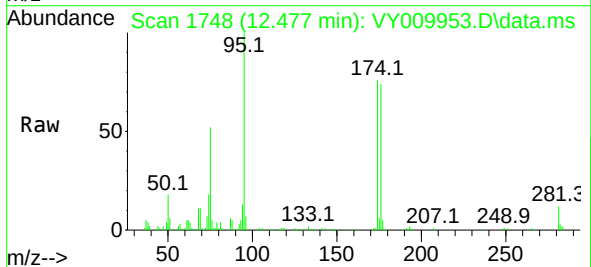
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

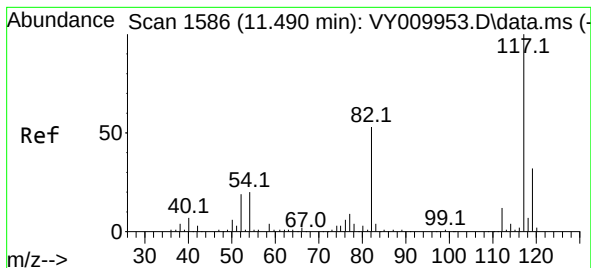
Tgt Ion:107 Resp: 36940
Ion Ratio Lower Upper
107 100
109 96.0 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 53.120 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion: 95 Resp: 53864
Ion Ratio Lower Upper
95 100
174 76.3 0.0 173.8
176 73.0 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

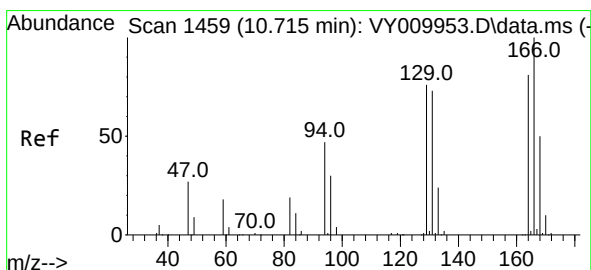
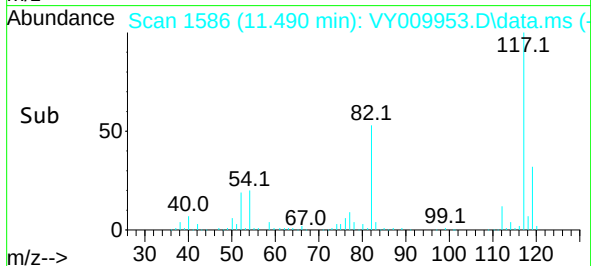
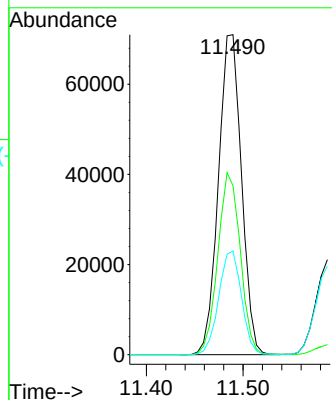
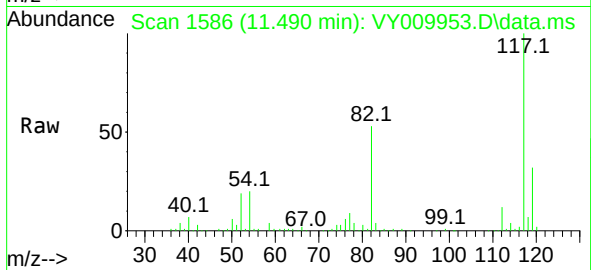
Tgt Ion:117 Resp: 117574

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.6

119 32.4 25.6 38.4



#64

Tetrachloroethene

Concen: 53.922 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Tgt Ion:164 Resp: 46952

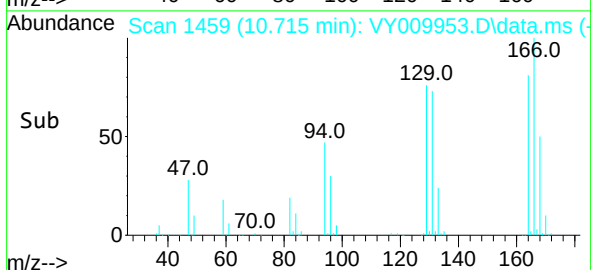
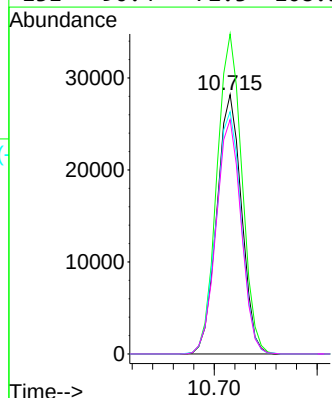
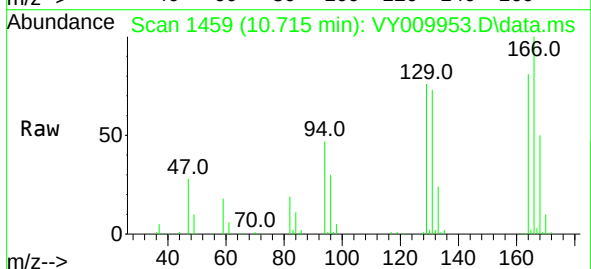
Ion Ratio Lower Upper

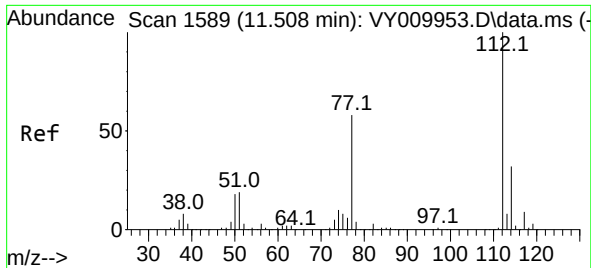
164 100

166 123.4 104.9 157.3

129 93.4 76.5 114.7

131 90.4 72.3 108.5

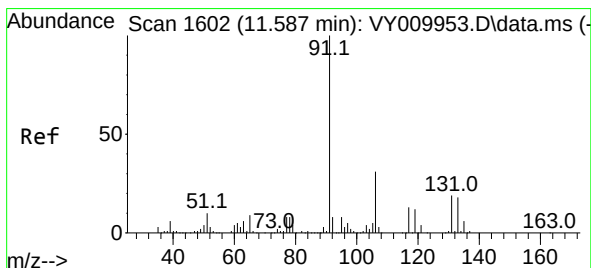
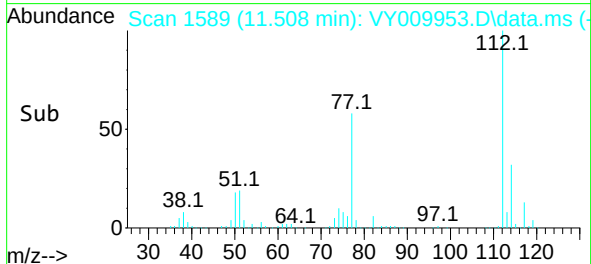
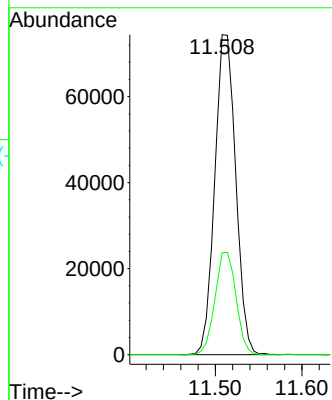
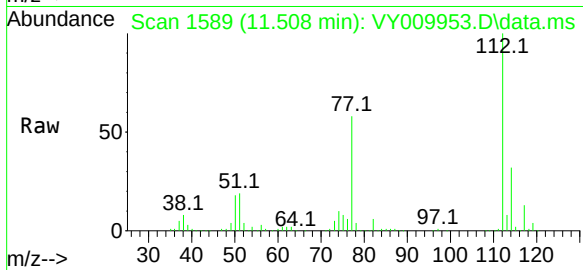




#65
Chlorobenzene
Concen: 53.116 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

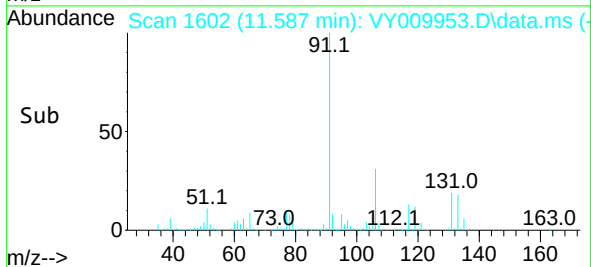
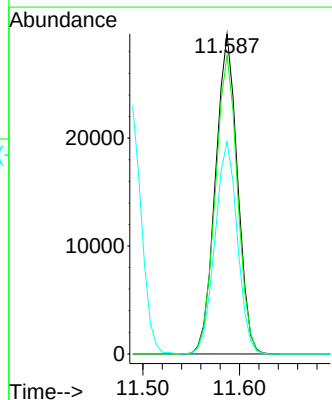
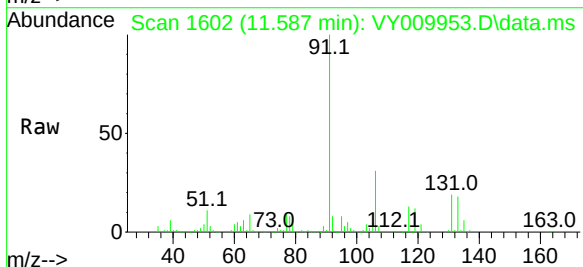
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

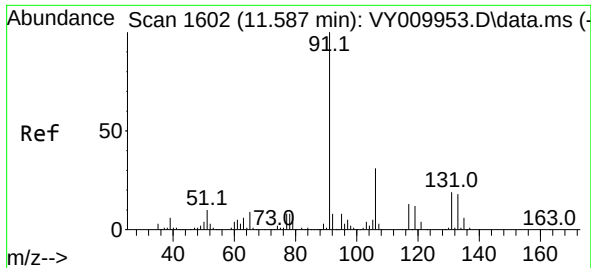
Tgt Ion:112 Resp: 125109
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 54.640 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion:131 Resp: 46831
Ion Ratio Lower Upper
131 100
133 93.8 47.3 142.0
119 67.3 32.1 96.3

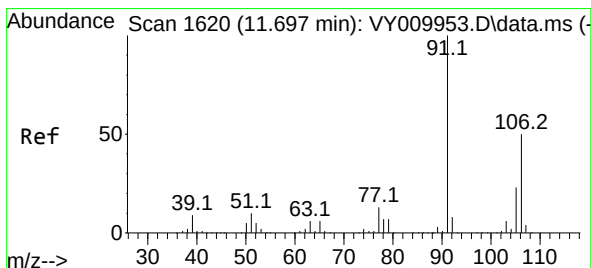
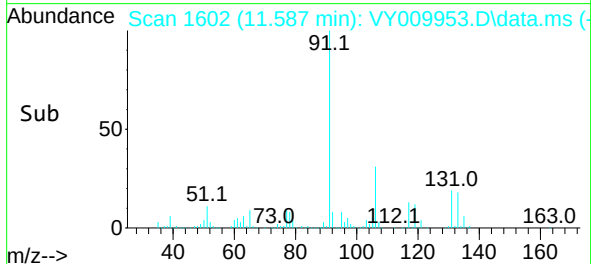
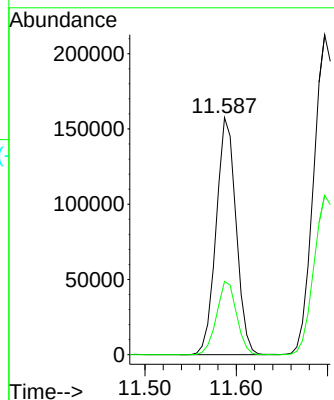
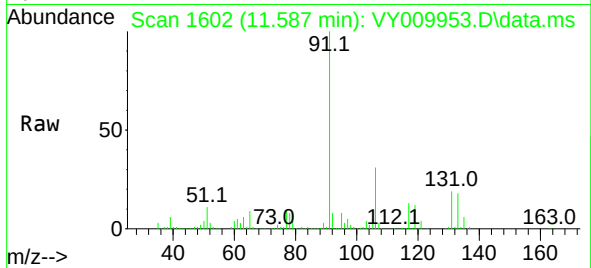




#67
Ethyl Benzene
Concen: 57.974 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

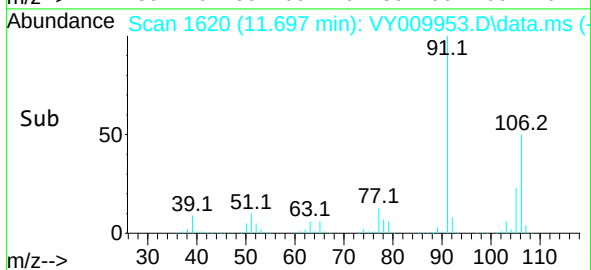
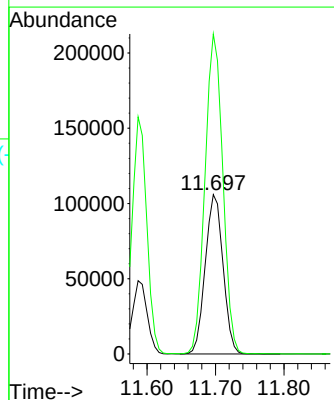
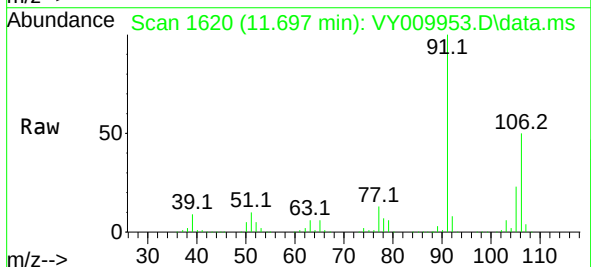
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

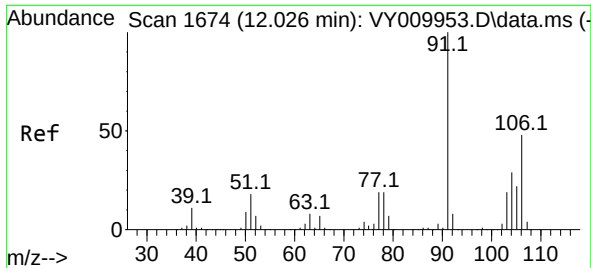
Tgt Ion: 91 Resp: 238562
Ion Ratio Lower Upper
91 100
106 30.9 26.2 39.4



#68
m/p-Xylenes
Concen: 120.148 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion: 106 Resp: 191122
Ion Ratio Lower Upper
106 100
91 201.6 156.2 234.2

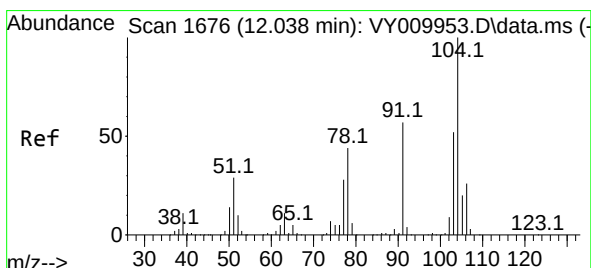
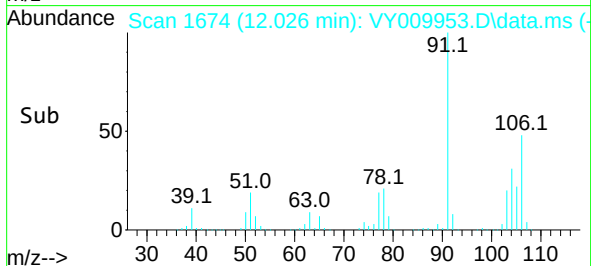
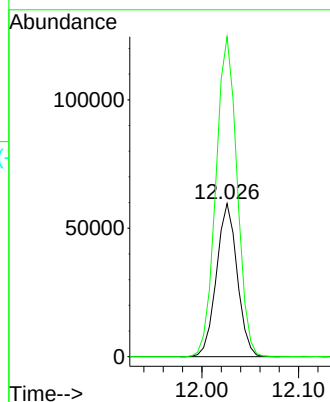
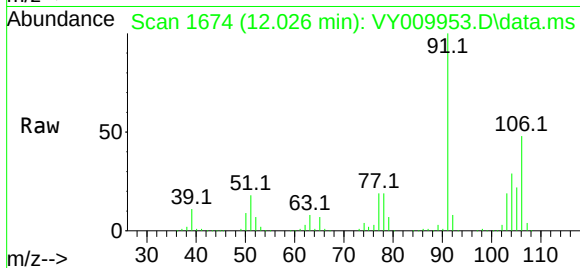




#69
o-Xylene
Concen: 59.815 ug/l
RT: 12.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

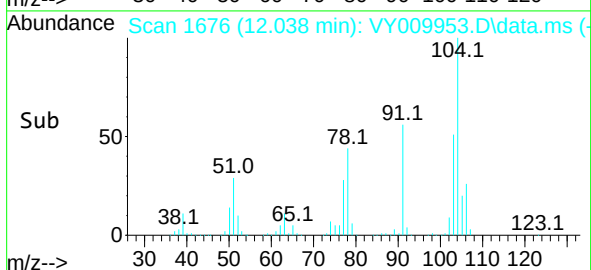
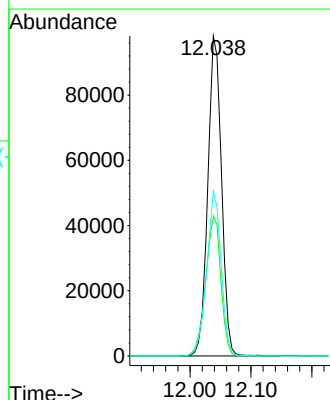
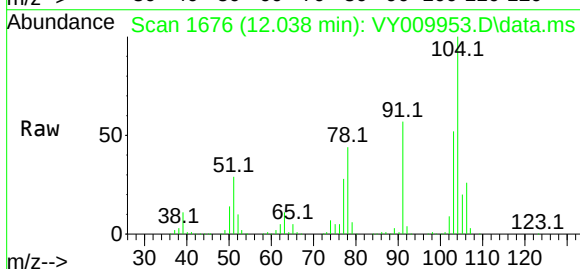
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

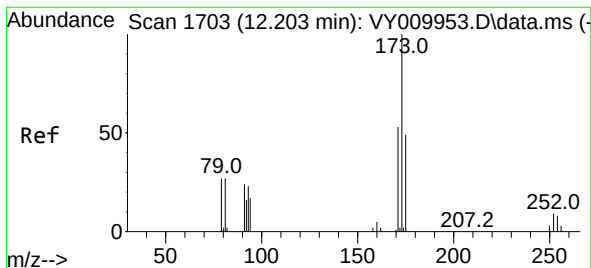
Tgt Ion:106 Resp: 88712
Ion Ratio Lower Upper
106 100
91 213.7 103.2 309.4



#70
Styrene
Concen: 60.128 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion:104 Resp: 153599
Ion Ratio Lower Upper
104 100
78 48.3 38.6 57.8
103 54.0 43.3 64.9





#71

Bromoform

Concen: 54.300 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

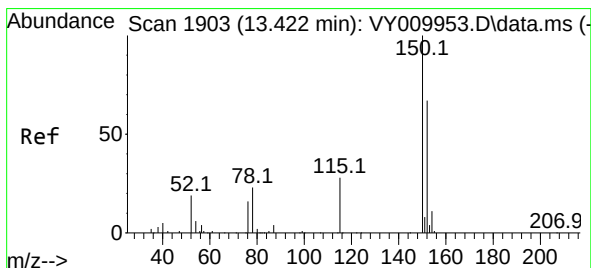
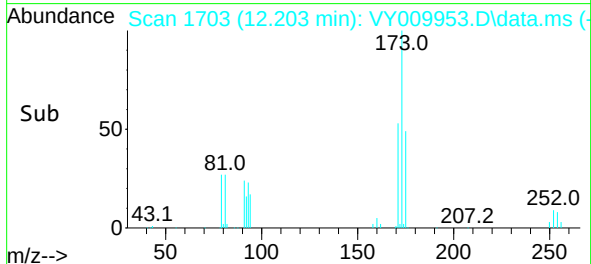
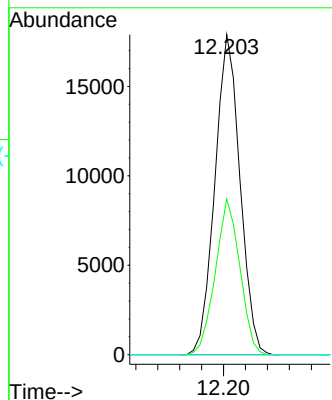
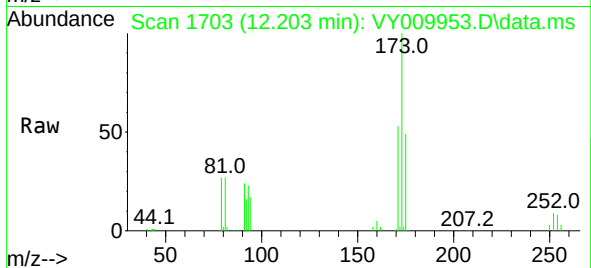
Tgt Ion:173 Resp: 28433

Ion Ratio Lower Upper

173 100

175 47.4 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: VY009953.D

Acq: 10 Aug 2022 16:09

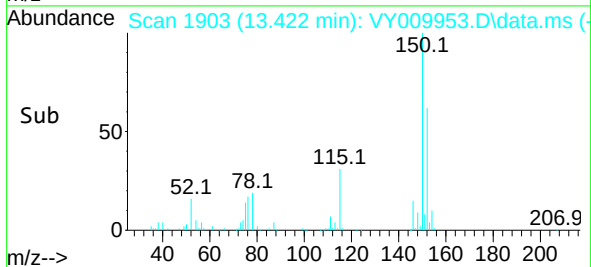
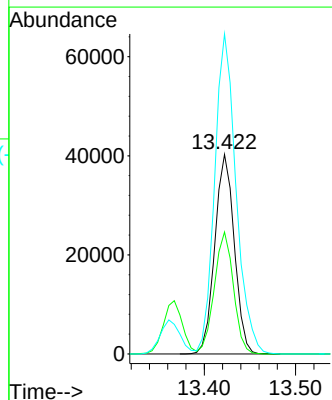
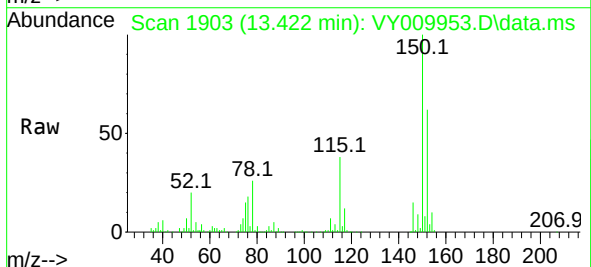
Tgt Ion:152 Resp: 59681

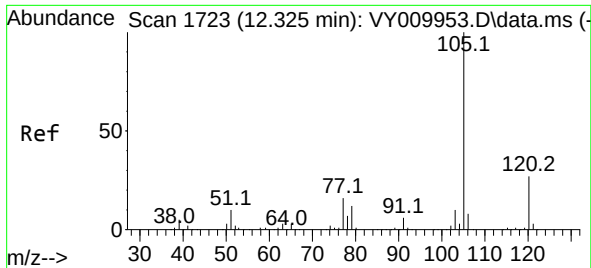
Ion Ratio Lower Upper

152 100

115 59.9 28.6 85.9

150 176.1 0.0 349.8

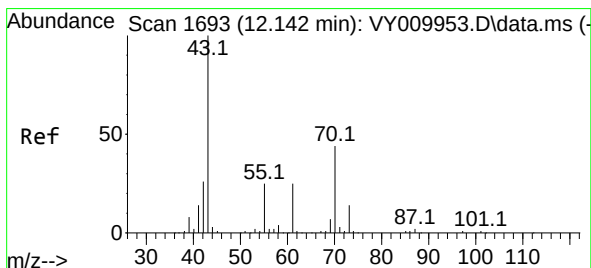
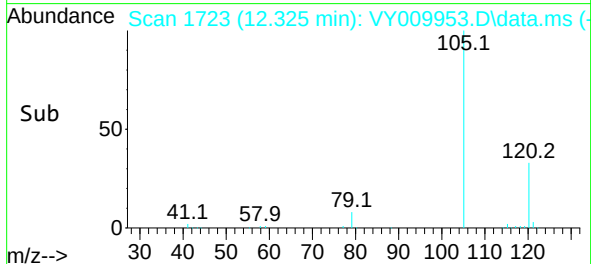
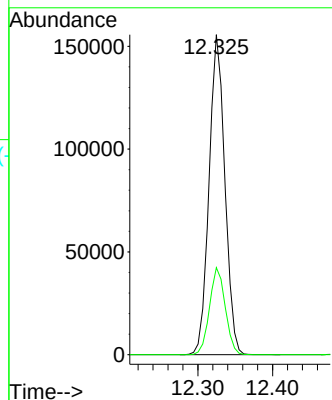
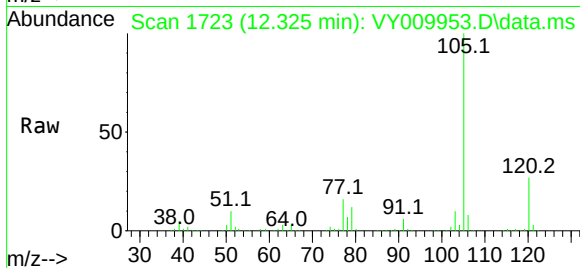




#73
Isopropylbenzene
Concen: 56.297 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

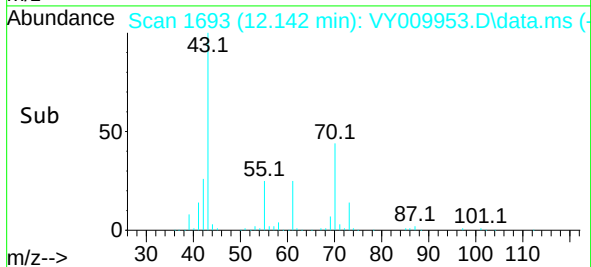
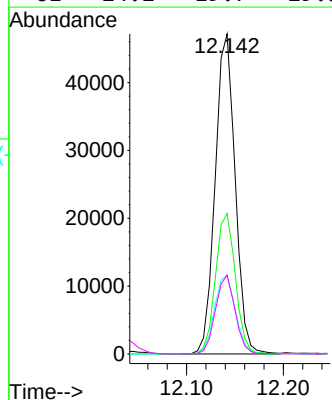
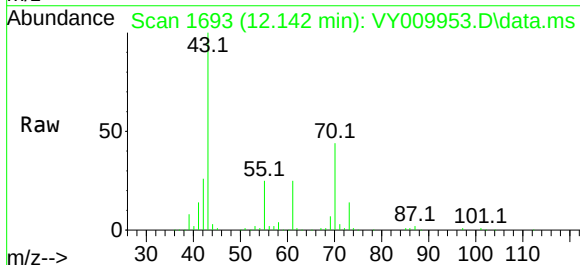
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

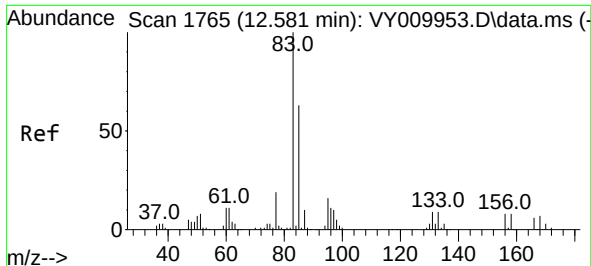
Tgt Ion:105 Resp: 228176
Ion Ratio Lower Upper
105 100
120 27.0 13.7 41.1



#74
N-ethyl acetate
Concen: 52.181 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion: 43 Resp: 67595
Ion Ratio Lower Upper
43 100
70 43.6 35.6 53.4
55 25.8 19.5 29.3
61 24.2 19.7 29.5

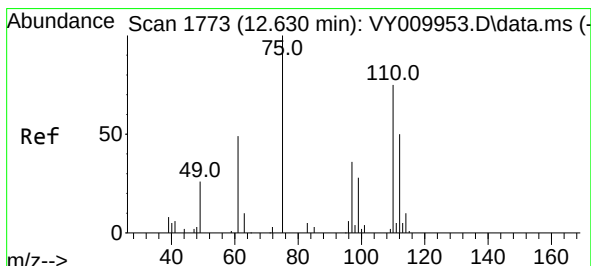
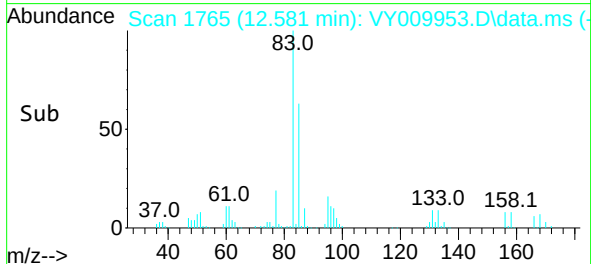
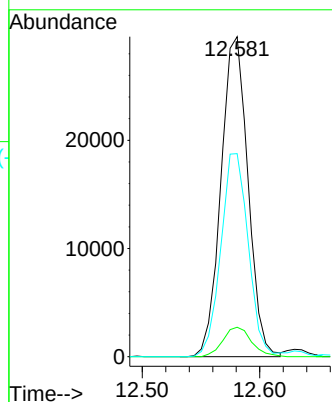
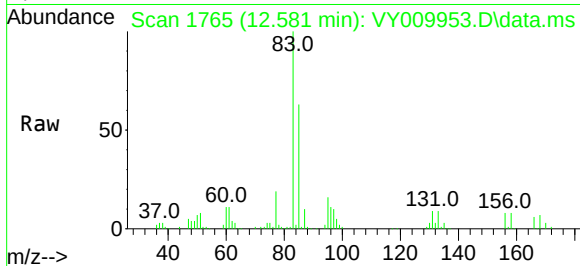




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.225 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY009953.D
 Acq: 10 Aug 2022 16:09

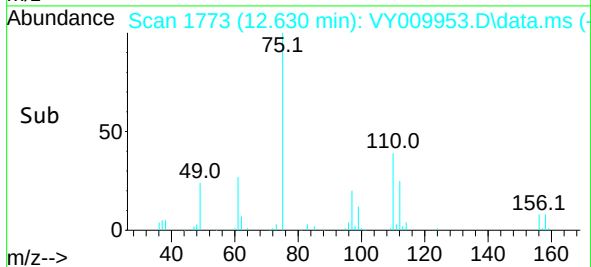
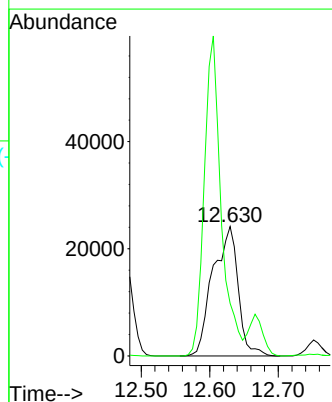
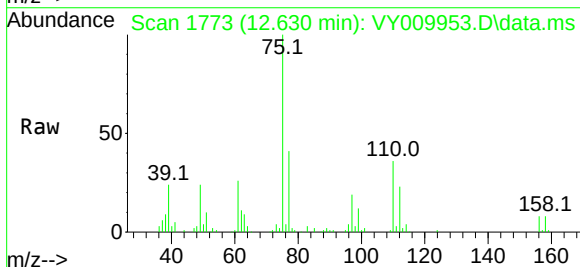
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

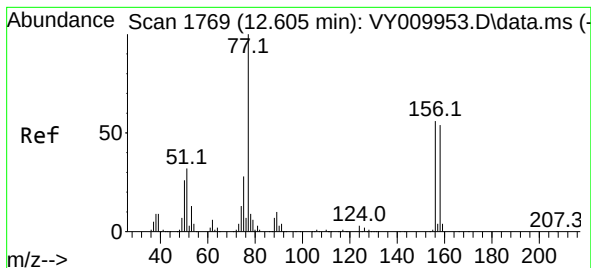
Tgt Ion: 83 Resp: 47265
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.4 16.2
 85 64.5 32.8 98.4



#76
 1,2,3-Trichloropropane
 Concen: 94.446 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY009953.D
 Acq: 10 Aug 2022 16:09

Tgt Ion: 75 Resp: 61861
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.530 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

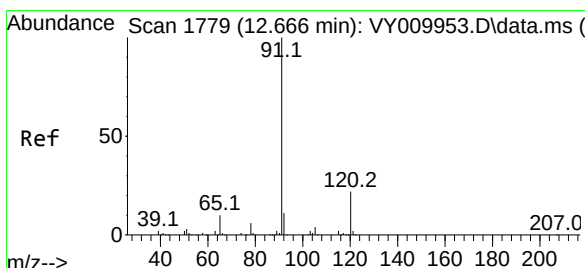
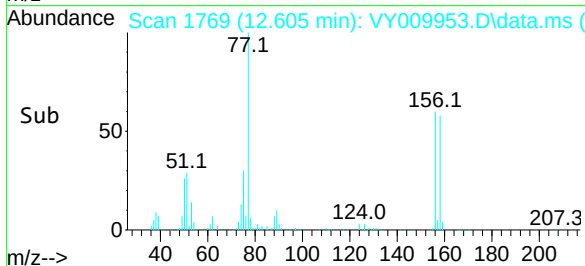
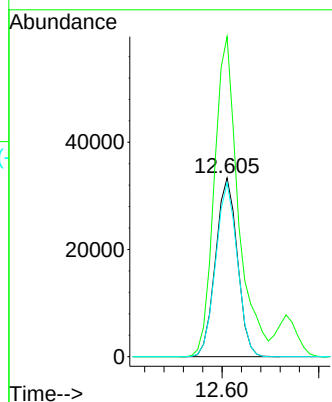
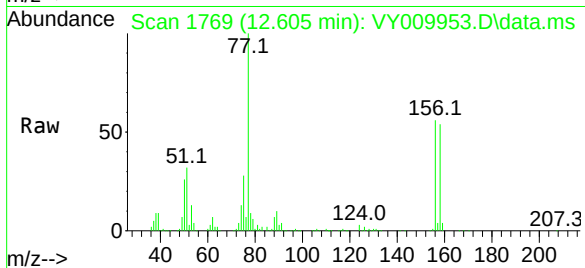
Tgt Ion:156 Resp: 52081

Ion Ratio Lower Upper

156 100

77 197.6 88.1 264.3

158 96.7 48.6 145.8



#78

n-propylbenzene

Concen: 56.366 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009953.D

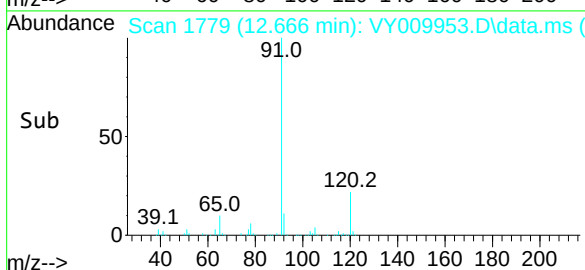
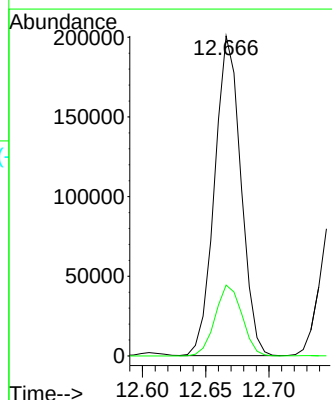
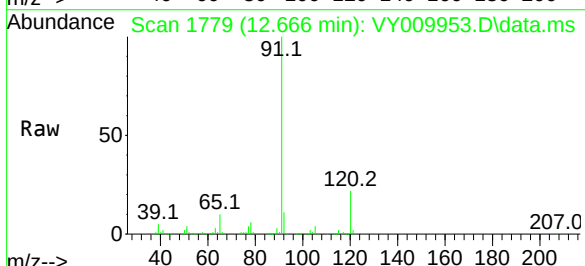
Acq: 10 Aug 2022 16:09

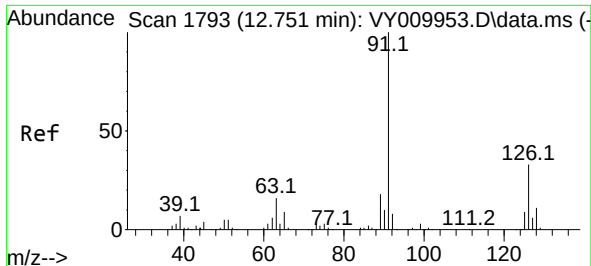
Tgt Ion: 91 Resp: 289415

Ion Ratio Lower Upper

91 100

120 22.6 11.9 35.5





#79

2-Chlorotoluene

Concen: 55.797 ug/l

RT: 12.751 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

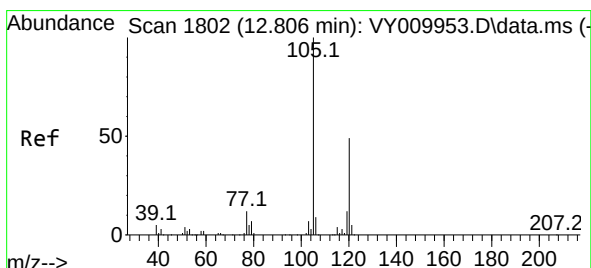
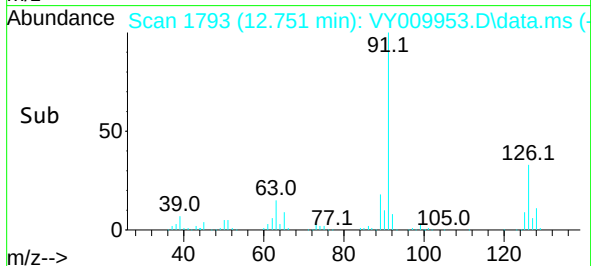
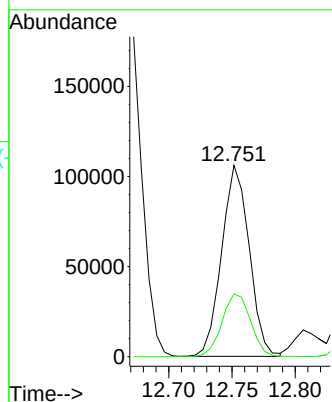
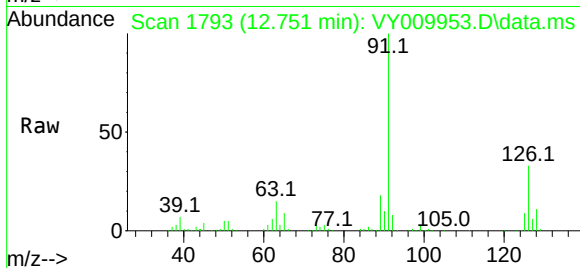
VSTDICCC050

Tgt Ion: 91 Resp: 160531

Ion Ratio Lower Upper

91 100

126 34.2 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 57.268 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VY009953.D

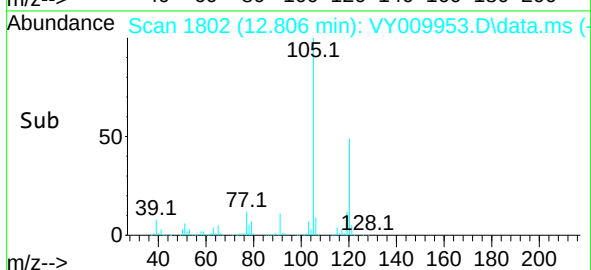
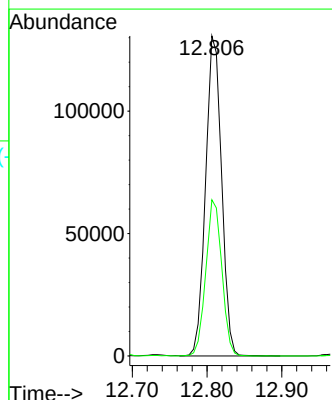
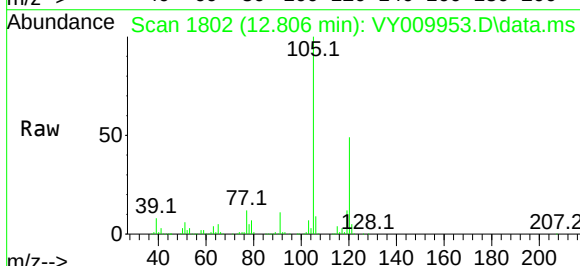
Acq: 10 Aug 2022 16:09

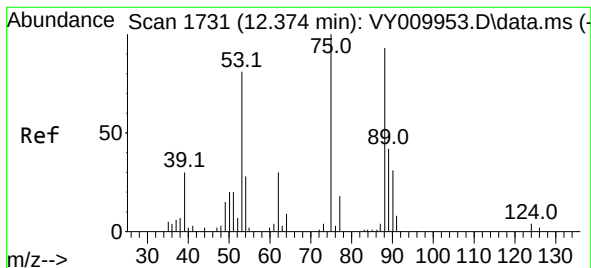
Tgt Ion: 105 Resp: 194119

Ion Ratio Lower Upper

105 100

120 48.9 25.3 75.8

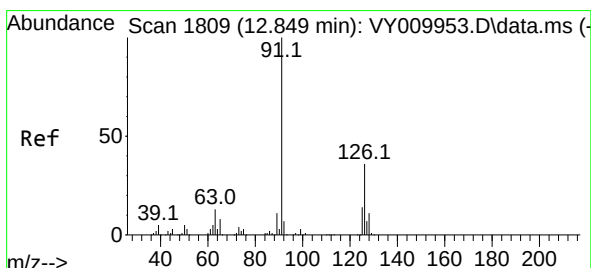
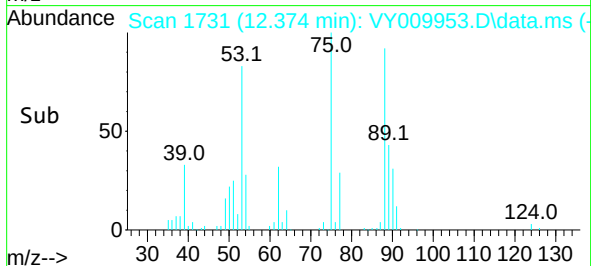
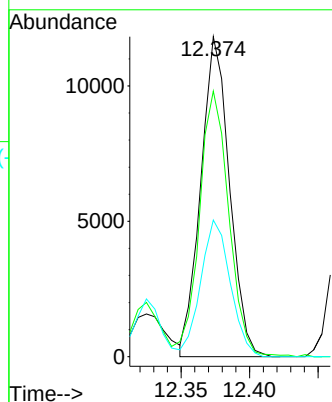
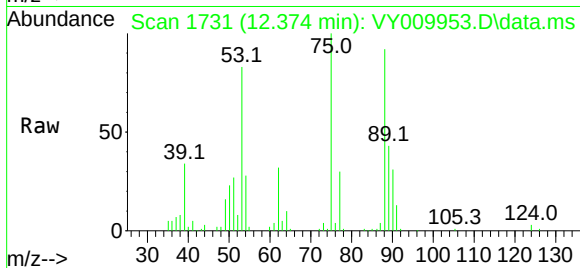




#81
trans-1,4-Dichloro-2-butene
Concen: 52.883 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

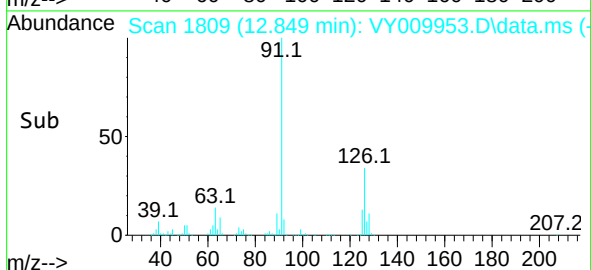
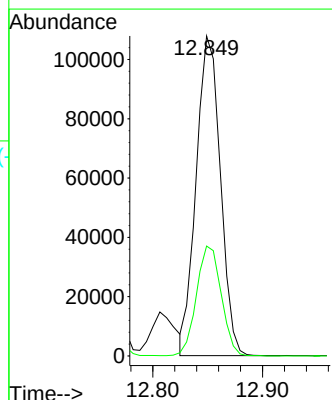
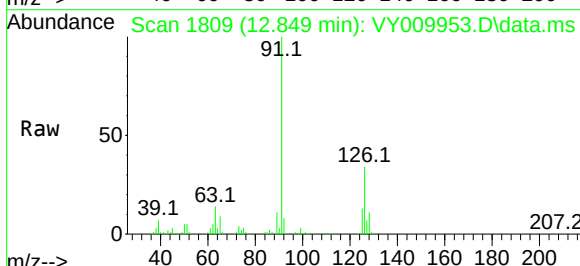
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

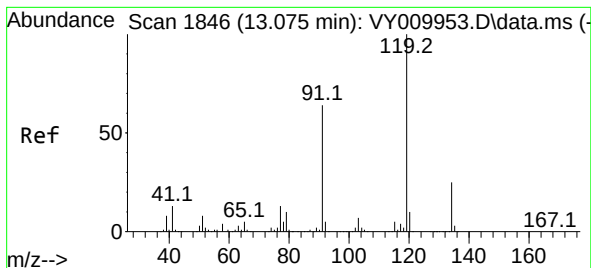
Tgt Ion: 75 Resp: 17210
Ion Ratio Lower Upper
75 100
53 85.0 71.4 107.2
89 43.9 38.1 57.1



#82
4-Chlorotoluene
Concen: 54.679 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion: 91 Resp: 165530
Ion Ratio Lower Upper
91 100
126 35.3 18.0 54.0

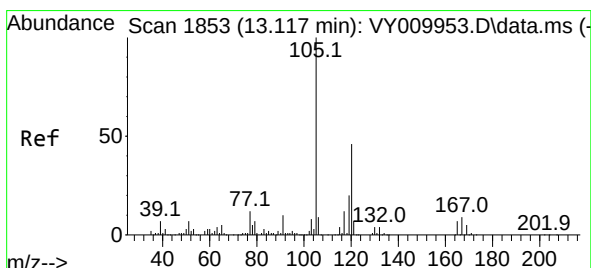
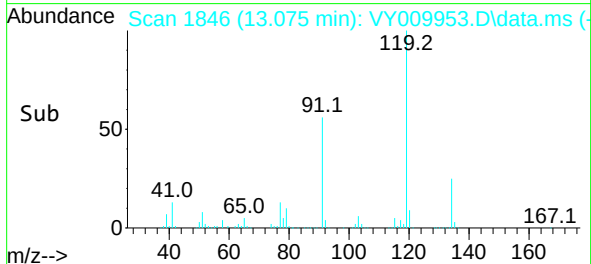
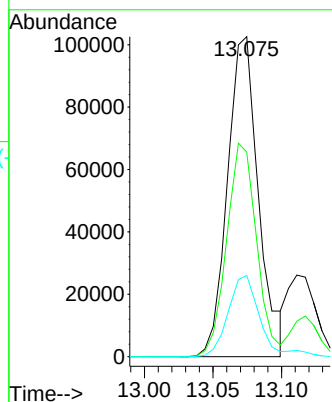
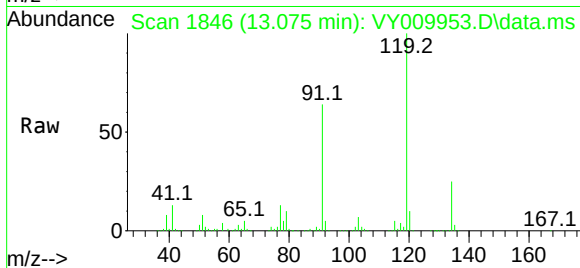




#83
tert-Butylbenzene
Concen: 55.600 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

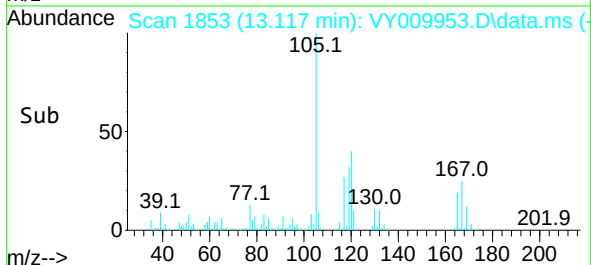
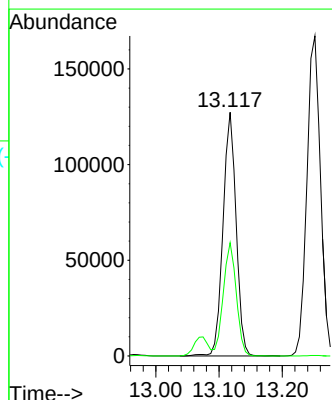
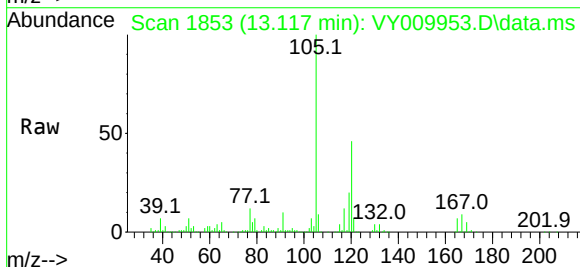
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

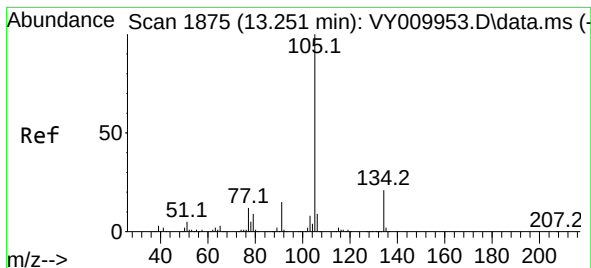
Tgt Ion:119 Resp: 161543
Ion Ratio Lower Upper
119 100
91 64.6 32.0 96.0
134 26.1 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 54.936 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion:105 Resp: 182231
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.3





#85

sec-Butylbenzene

Concen: 55.314 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

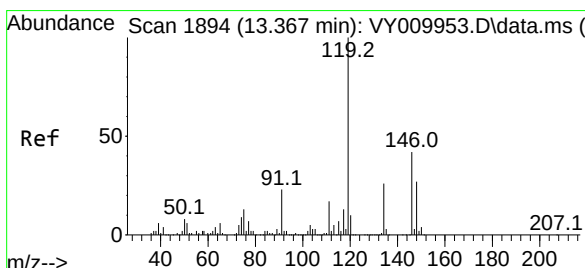
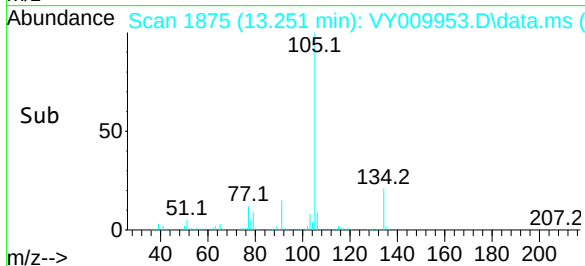
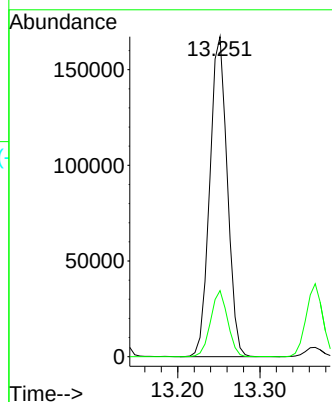
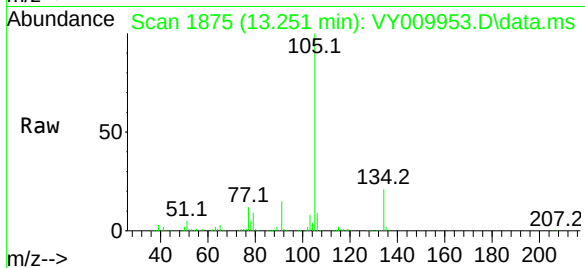
VSTDICCC050

Tgt Ion:105 Resp: 247541

Ion Ratio Lower Upper

105 100

134 20.0 10.5 31.6



#86

p-Isopropyltoluene

Concen: 55.956 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

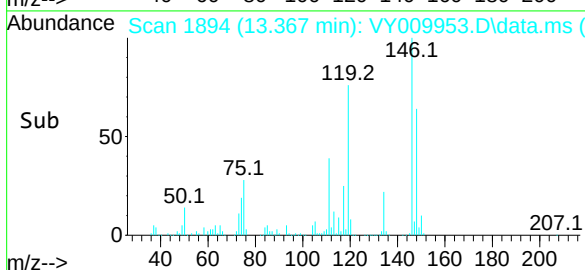
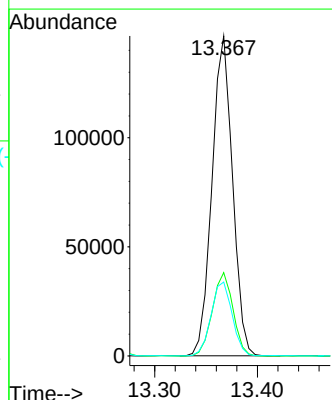
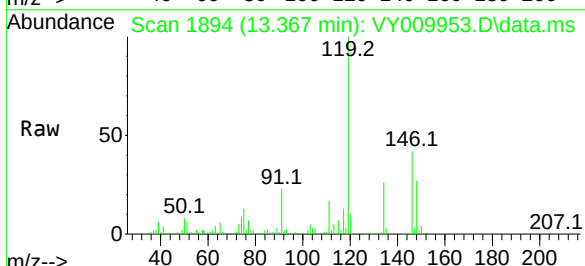
Tgt Ion:119 Resp: 202886

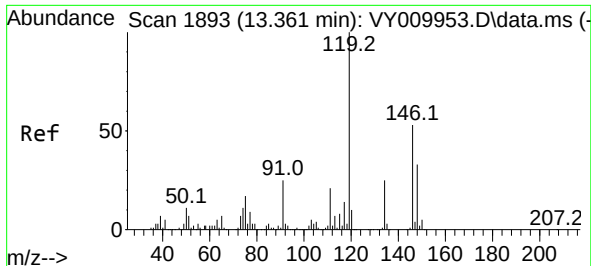
Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

91 23.7 11.6 34.8

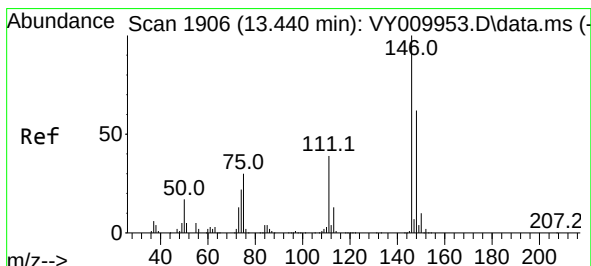
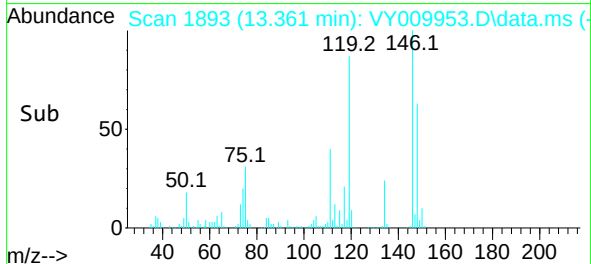
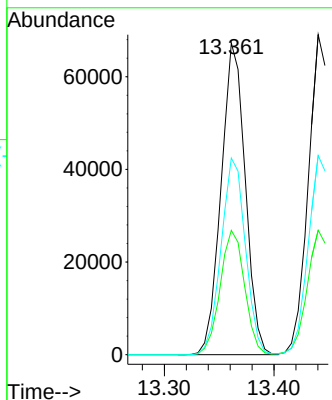
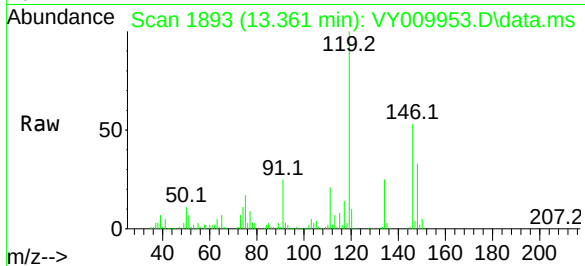




#87
1,3-Dichlorobenzene
Concen: 52.862 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

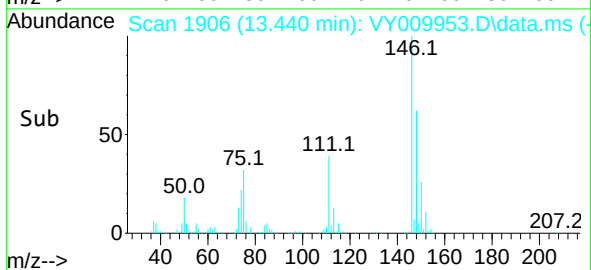
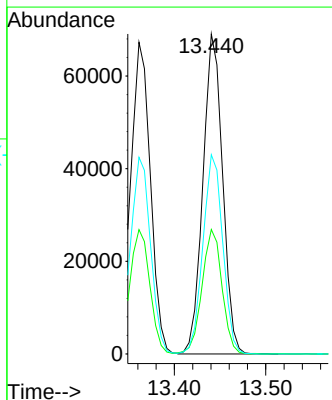
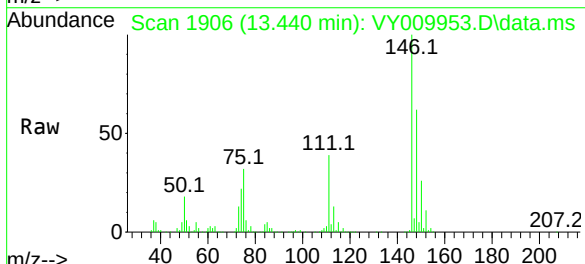
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

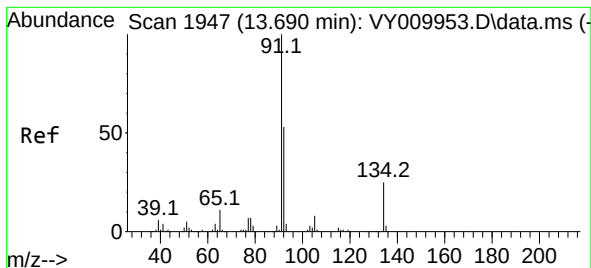
Tgt Ion:146 Resp: 102959
Ion Ratio Lower Upper
146 100
111 40.4 19.1 57.3
148 63.5 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 52.049 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion:146 Resp: 103030
Ion Ratio Lower Upper
146 100
111 39.6 18.9 56.9
148 63.0 31.6 95.0





#89

n-Butylbenzene

Concen: 55.692 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

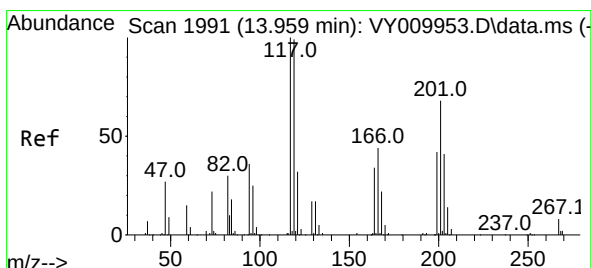
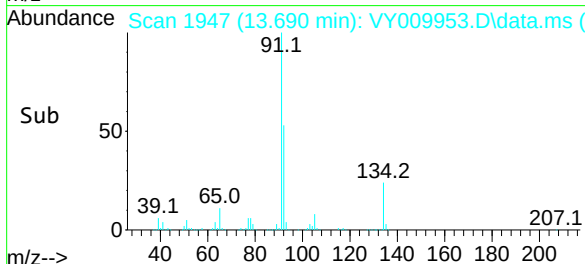
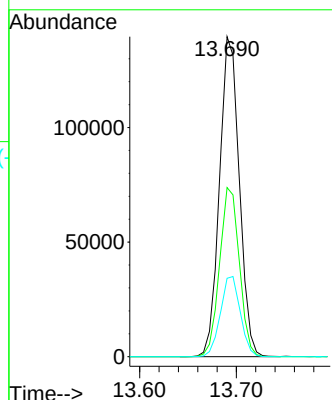
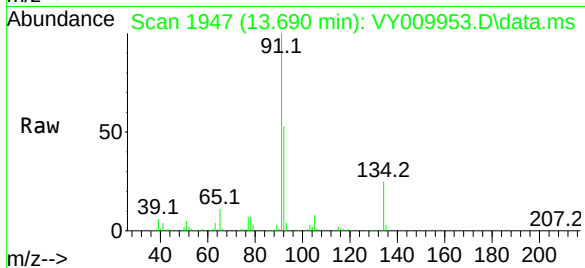
Tgt Ion: 91 Resp: 197871

Ion Ratio Lower Upper

91 100

92 52.8 26.9 80.7

134 25.3 14.0 41.9



#90

Hexachloroethane

Concen: 53.501 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY009953.D

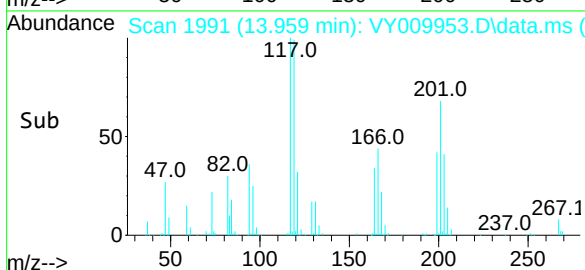
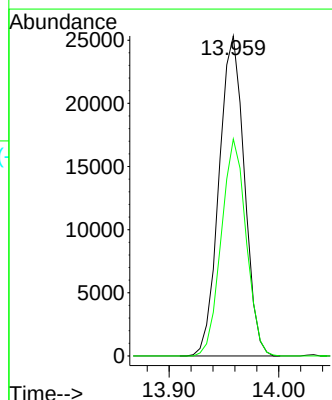
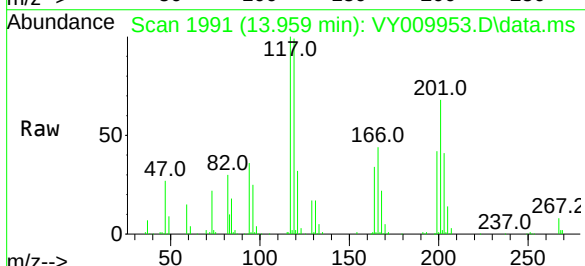
Acq: 10 Aug 2022 16:09

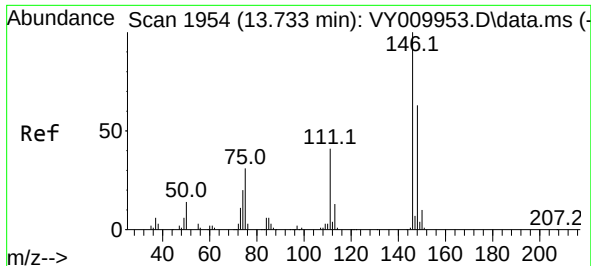
Tgt Ion: 117 Resp: 40621

Ion Ratio Lower Upper

117 100

201 66.6 38.8 116.3

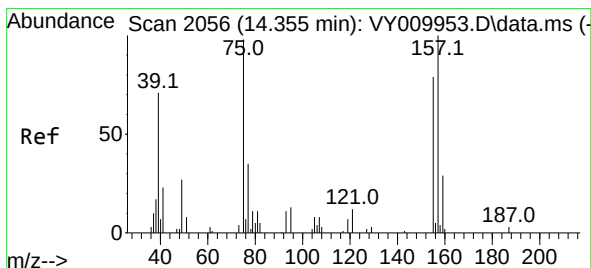
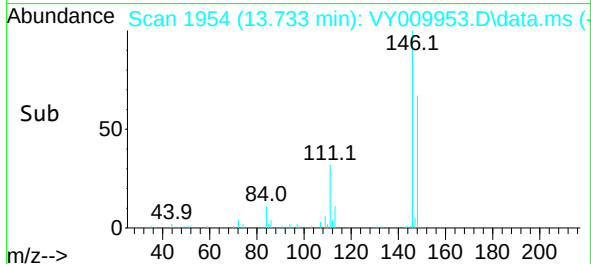
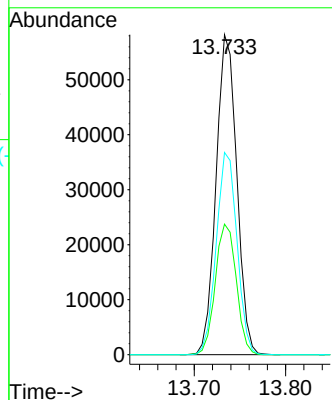
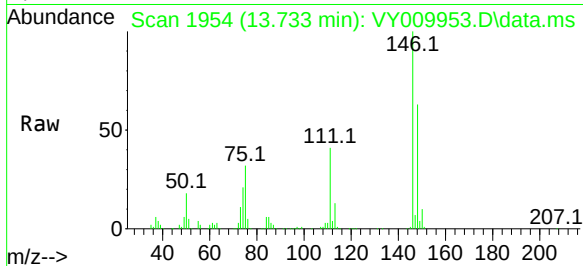




#91
1,2-Dichlorobenzene
Concen: 51.863 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

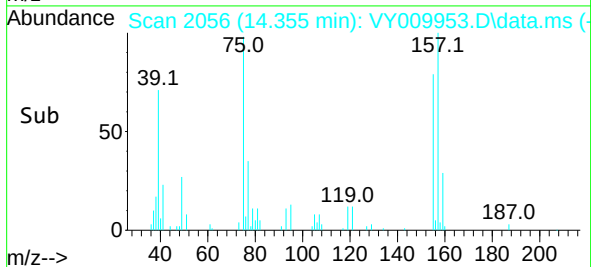
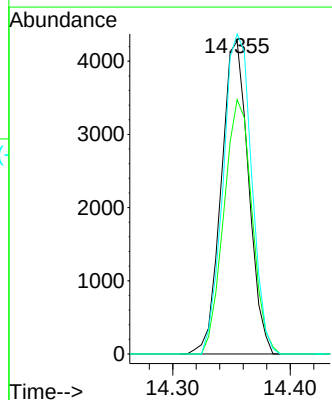
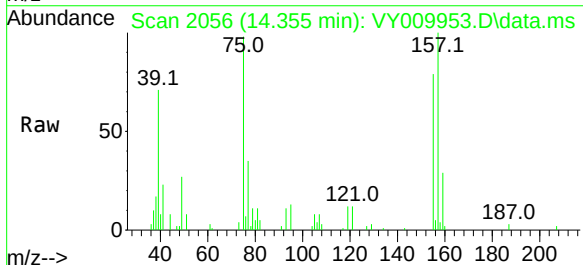
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

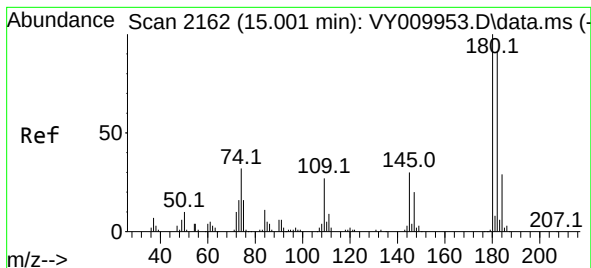
Tgt Ion:146 Resp: 91701
Ion Ratio Lower Upper
146 100
111 41.3 19.7 59.1
148 63.4 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.506 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY009953.D
Acq: 10 Aug 2022 16:09

Tgt Ion: 75 Resp: 6908
Ion Ratio Lower Upper
75 100
155 83.4 46.4 139.1
157 106.7 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 52.572 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

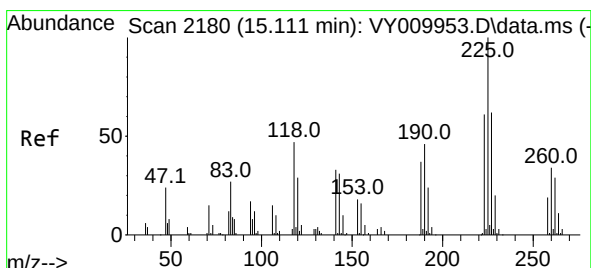
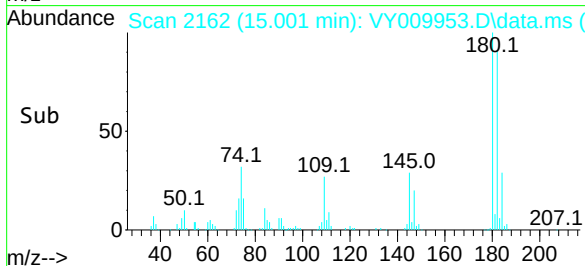
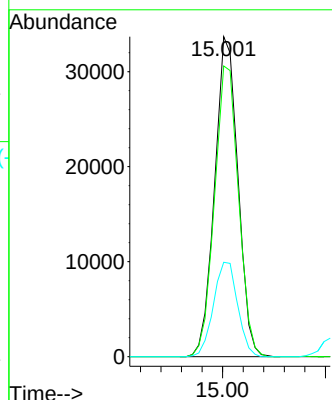
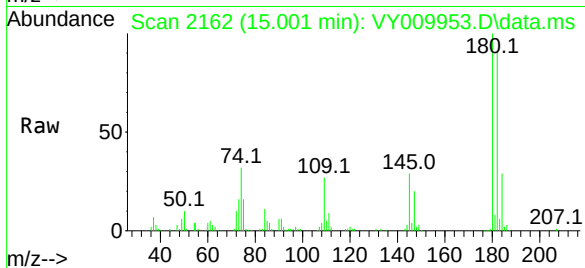
Tgt Ion:180 Resp: 52918

Ion Ratio Lower Upper

180 100

182 93.6 47.3 141.9

145 30.6 15.1 45.3



#94

Hexachlorobutadiene

Concen: 49.174 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

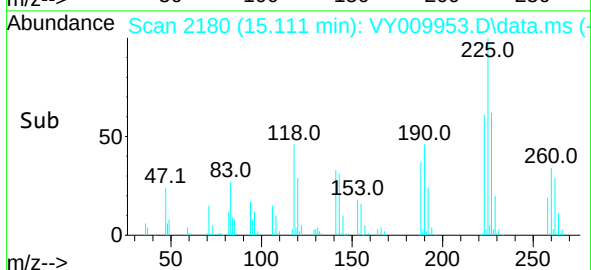
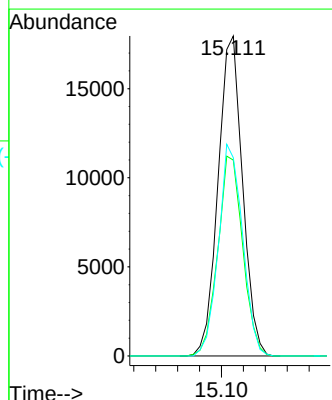
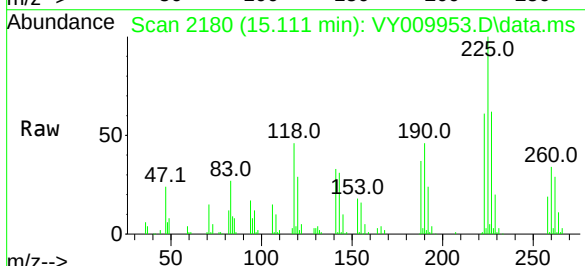
Tgt Ion:225 Resp: 27853

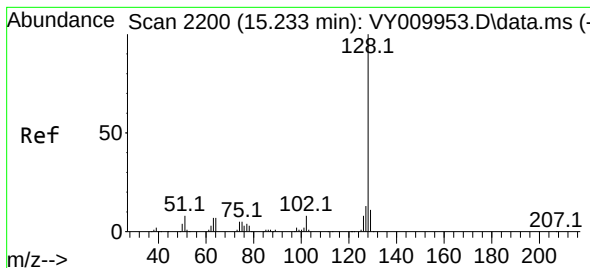
Ion Ratio Lower Upper

225 100

223 63.6 30.8 92.3

227 65.2 31.9 95.5





#95

Naphthalene

Concen: 54.412 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

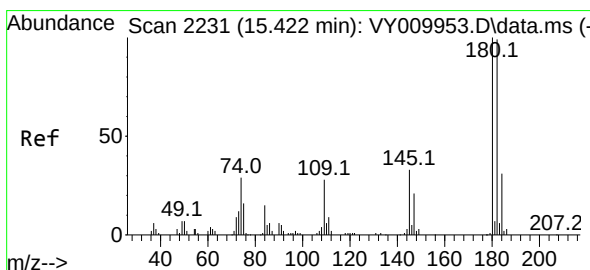
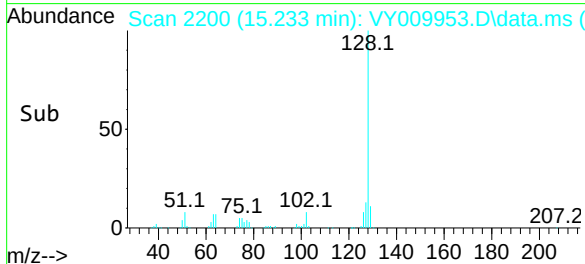
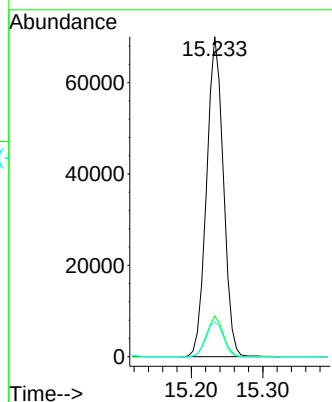
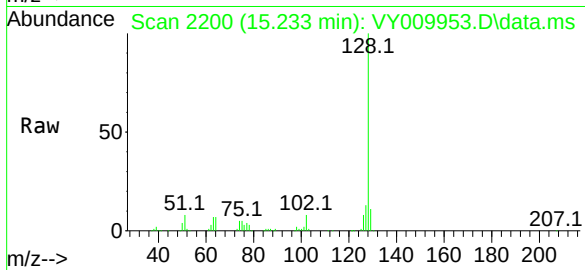
Tgt Ion:128 Resp: 113986

Ion Ratio Lower Upper

128 100

127 12.5 10.6 15.8

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.119 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009953.D

Acq: 10 Aug 2022 16:09

Tgt Ion:180 Resp: 45628

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.0

145 33.4 15.6 46.7

