

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009877.D
 Acq On : 08 Aug 2022 16:13
 Operator : KP/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 08 17:36:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:35:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	66223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	111388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	101167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50489	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	14309	24.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	49.320%#
35) Dibromofluoromethane	7.704	113	13434	22.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	44.840%#
50) Toluene-d8	10.173	98	56520	26.325	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	52.640%
62) 4-Bromofluorobenzene	12.477	95	17698	20.445	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	40.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	11273	20.346	ug/l	98
3) Chloromethane	2.107	50	12480	18.853	ug/l	94
4) Vinyl Chloride	2.235	62	13284	18.668	ug/l	100
5) Bromomethane	2.625	94	8524	18.242	ug/l	99
6) Chloroethane	2.772	64	8210	21.988	ug/l	91
7) Trichlorofluoromethane	3.101	101	23488	24.843	ug/l	98
8) Diethyl Ether	3.515	74	7703	21.961	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.875	101	12915	20.054	ug/l	95
10) Methyl Iodide	4.070	142	13690	16.292	ug/l	99
11) Tert butyl alcohol	4.948	59	7478	55.190	ug/l	96
12) 1,1-Dichloroethene	3.851	96	11669	18.595	ug/l	99
13) Acrolein	3.723	56	1089	20.988	ug/l	98
14) Allyl chloride	4.460	41	21343	19.260	ug/l	97
15) Acrylonitrile	5.143	53	20800	107.240	ug/l	98
16) Acetone	3.942	43	16414	93.747	ug/l	97
17) Carbon Disulfide	4.174	76	31228	15.161	ug/l	98
18) Methyl Acetate	4.466	43	11557	23.448	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	32564	18.635	ug/l	98
20) Methylene Chloride	4.698	84	22077	24.730	ug/l	96
21) trans-1,2-Dichloroethene	5.204	96	12947	17.619	ug/l	94
22) Diisopropyl ether	6.106	45	47788	21.505	ug/l	96
23) Vinyl Acetate	6.045	43	142106	99.558	ug/l	97
24) 1,1-Dichloroethane	5.997	63	25088	19.979	ug/l	98
25) 2-Butanone	6.972	43	27995	104.786	ug/l	93
26) 2,2-Dichloropropane	6.966	77	21591	18.595	ug/l	99
27) cis-1,2-Dichloroethene	6.966	96	14858	18.348	ug/l	93
28) Bromochloromethane	7.320	49	8487	16.606	ug/l	90
29) Tetrahydrofuran	7.338	42	18480	107.774	ug/l	94
30) Chloroform	7.496	83	25538	20.141	ug/l	98
31) Cyclohexane	7.777	56	22240	17.965	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	21692	19.483	ug/l	97
36) 1,1-Dichloropropene	7.905	75	18713	18.306	ug/l	97
37) Ethyl Acetate	7.064	43	12526	21.060	ug/l	97
38) Carbon Tetrachloride	7.887	117	18804	18.016	ug/l	96
39) Methylcyclohexane	9.179	83	20887	16.462	ug/l	93
40) Benzene	8.149	78	57968	19.238	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	6751	20.881	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	15974	18.992	ug/l	100
43) Isopropyl Acetate	8.265	43	22641	20.609	ug/l	97
44) Trichloroethene	8.935	130	14940	18.005	ug/l	89
45) 1,2-Dichloropropane	9.210	63	15049	20.245	ug/l	100
46) Dibromomethane	9.295	93	8440	19.644	ug/l	95
47) Bromodichloromethane	9.490	83	18987	19.116	ug/l	95
48) Methyl methacrylate	9.289	41	9479	19.453	ug/l	93
49) 1,4-Dioxane	9.295	88	1874	329.813	ug/l #	88
51) 4-Methyl-2-Pentanone	10.063	43	63795	112.682	ug/l	97
52) Toluene	10.240	92	37193	19.942	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	20483	19.464	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	23172	19.296	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	12665	21.307	ug/l	98
56) Ethyl methacrylate	10.508	69	15561	19.664	ug/l	91
57) 1,3-Dichloropropane	10.782	76	20302	20.127	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	40551	103.192	ug/l	97
59) 2-Hexanone	10.831	43	42102	106.669	ug/l	97
60) Dibromochloromethane	10.977	129	14025	19.725	ug/l	100
61) 1,2-Dibromoethane	11.081	107	11345	19.603	ug/l	97
64) Tetrachloroethene	10.715	164	14011	16.291	ug/l	96
65) Chlorobenzene	11.514	112	38345	19.008	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	14138	19.572	ug/l	97
67) Ethyl Benzene	11.587	91	66627	18.553	ug/l	95
68) m/p-Xylenes	11.697	106	51605	36.824	ug/l	97
69) o-Xylene	12.026	106	23466	17.781	ug/l	95
70) Styrene	12.038	104	41045	18.690	ug/l	97
71) Bromoform	12.203	173	8232	18.282	ug/l #	99
73) Isopropylbenzene	12.325	105	63269	18.127	ug/l	100
74) N-amyl acetate	12.142	43	19885	20.433	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	15229	22.599	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	18828	37.316	ug/l #	100
77) Bromobenzene	12.605	156	14917	17.546	ug/l	88
78) n-propylbenzene	12.666	91	81329	18.697	ug/l	97
79) 2-Chlorotoluene	12.752	91	46053	19.143	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	54327	18.401	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	4970	19.560	ug/l	97
82) 4-Chlorotoluene	12.849	91	48176	19.158	ug/l	99
83) tert-Butylbenzene	13.069	119	45765	17.730	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	54786	18.810	ug/l	99
85) sec-Butylbenzene	13.251	105	73019	19.008	ug/l	98
86) p-Isopropyltoluene	13.367	119	60085	18.963	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	31678	19.269	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	32367	19.495	ug/l	98
89) n-Butylbenzene	13.697	91	57520	19.232	ug/l	97
90) Hexachloroethane	13.959	117	12280	20.372	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	28880	19.503	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2306	20.058	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	16153	18.352	ug/l	99
94) Hexachlorobutadiene	15.111	225	9403	19.300	ug/l	96
95) Naphthalene	15.233	128	31758	17.803	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	14287	18.726	ug/l	99

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QLast Update : Mon Aug 08 17:35:44 2022
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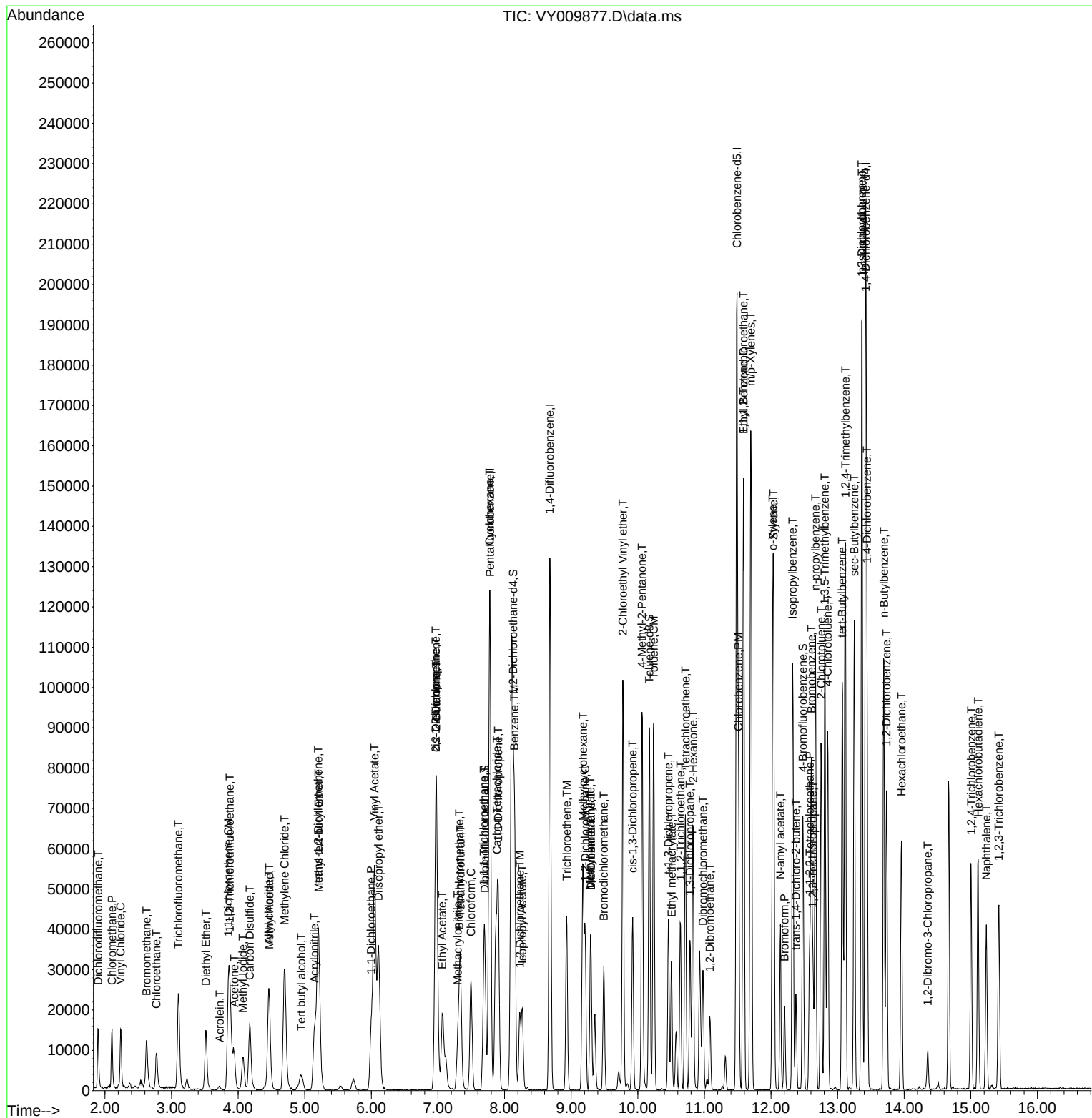
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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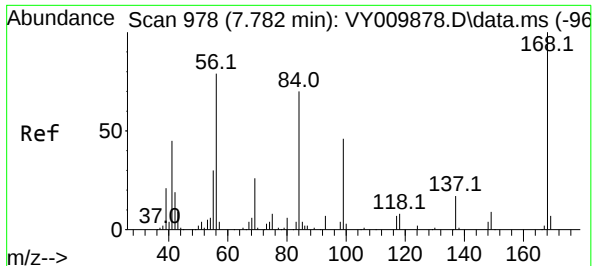
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY0809877.D
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 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

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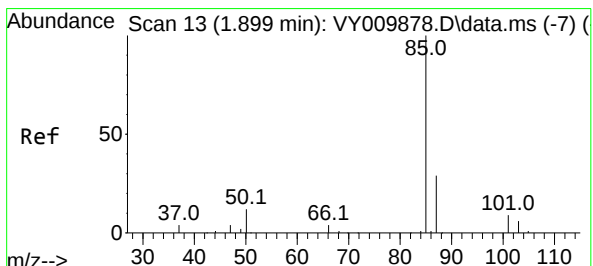
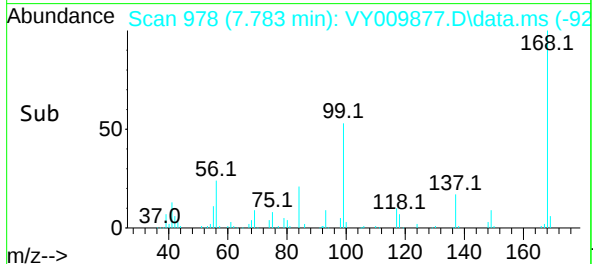
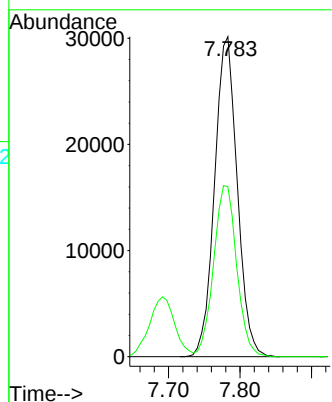
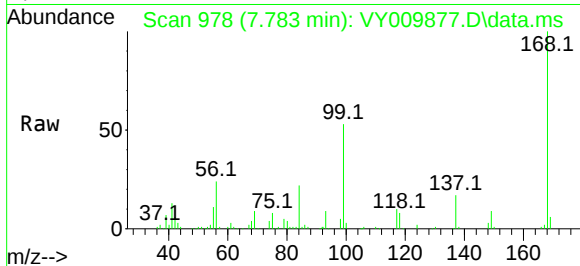




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
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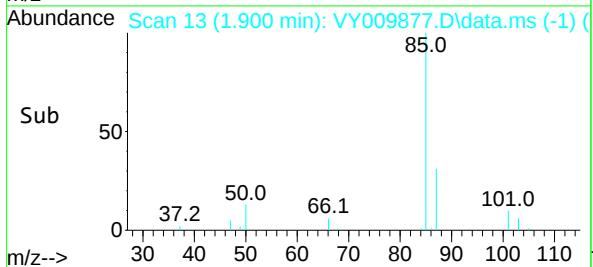
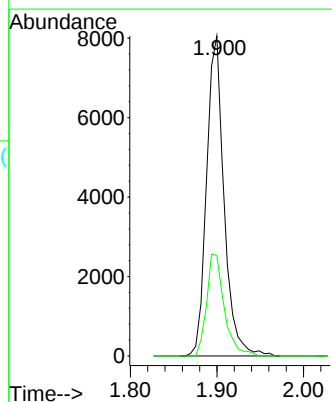
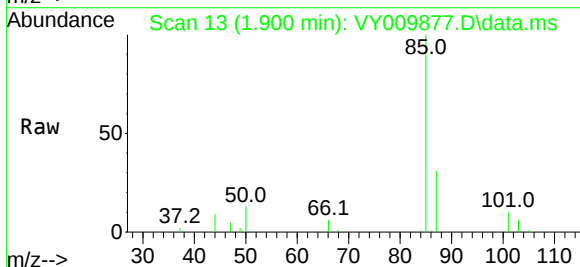
Instrument :
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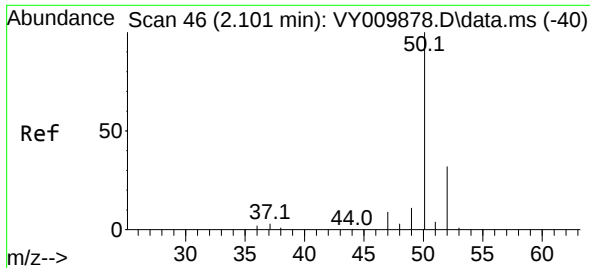
Tgt Ion:168 Resp: 66223
Ion Ratio Lower Upper
168 100
99 53.1 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 20.346 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion: 85 Resp: 11273
Ion Ratio Lower Upper
85 100
87 31.4 16.2 48.5

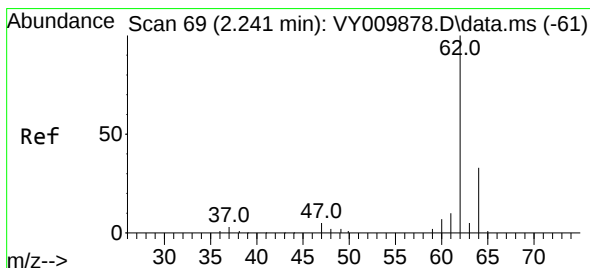
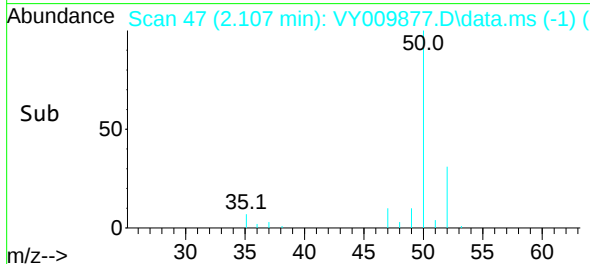
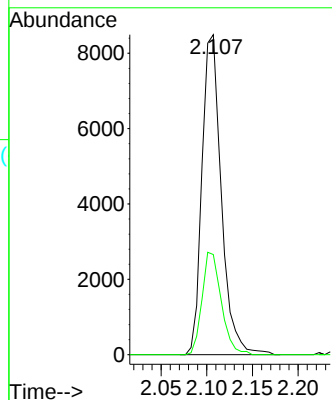
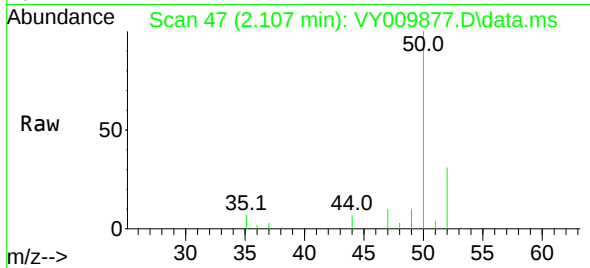




#3
Chloromethane
Concen: 18.853 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

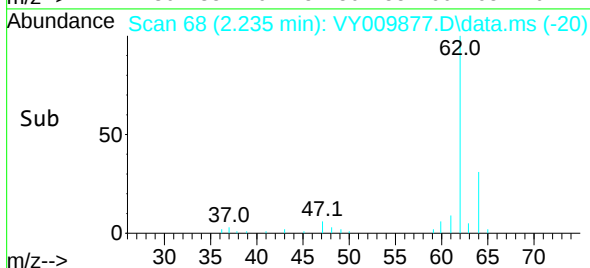
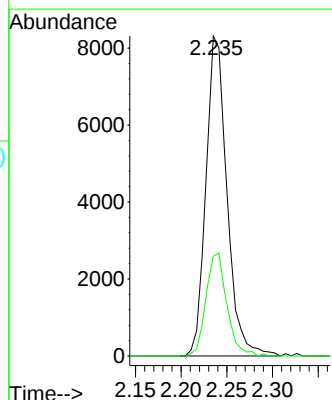
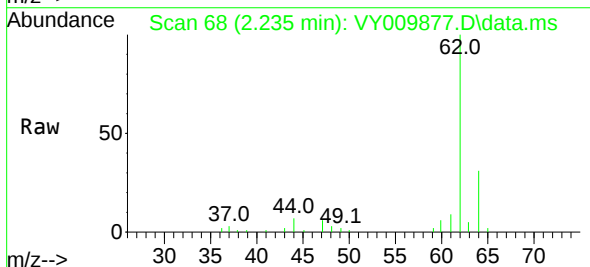
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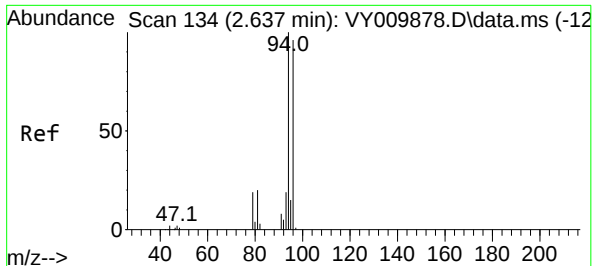
Tgt Ion: 50 Resp: 12480
Ion Ratio Lower Upper
50 100
52 31.3 27.9 41.9



#4
Vinyl Chloride
Concen: 18.668 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.006 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion: 62 Resp: 13284
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.4

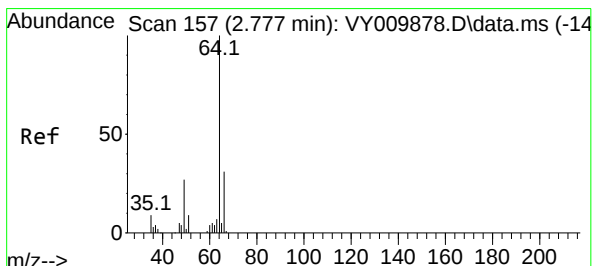
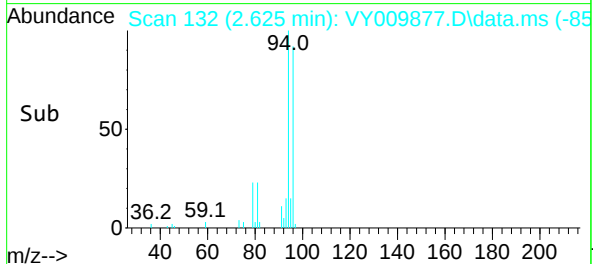
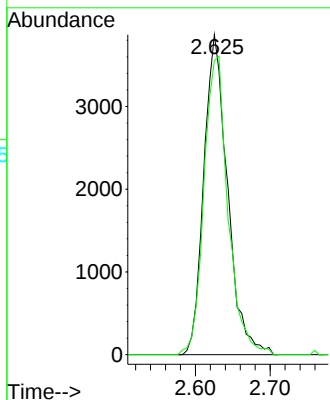
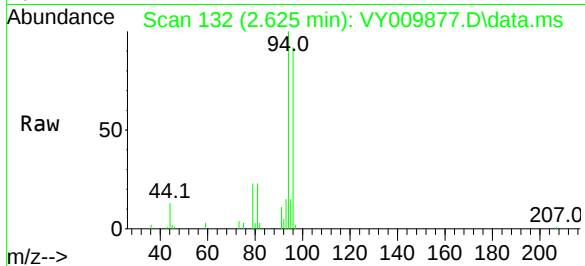




#5
Bromomethane
Concen: 18.242 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY009877.D
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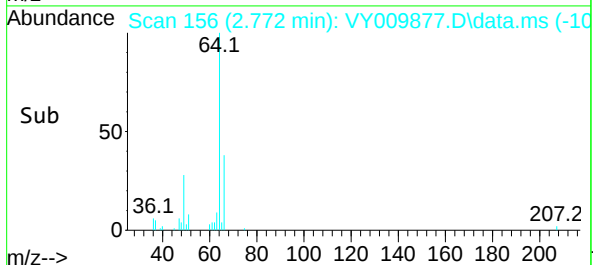
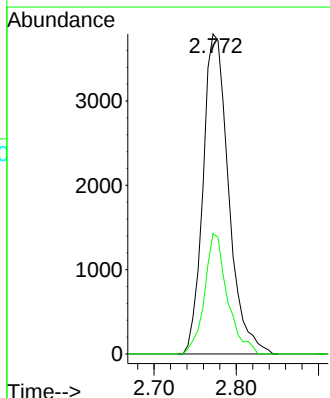
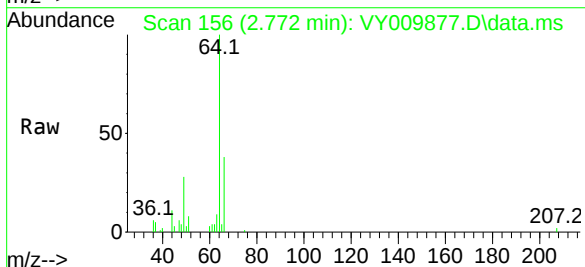
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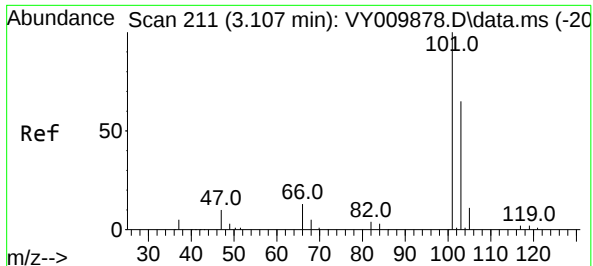
Tgt Ion: 94 Resp: 8524
Ion Ratio Lower Upper
94 100
96 91.9 74.6 111.8



#6
Chloroethane
Concen: 21.988 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.006 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion: 64 Resp: 8210
Ion Ratio Lower Upper
64 100
66 37.6 25.8 38.8

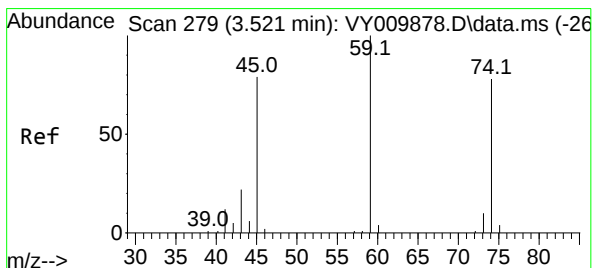
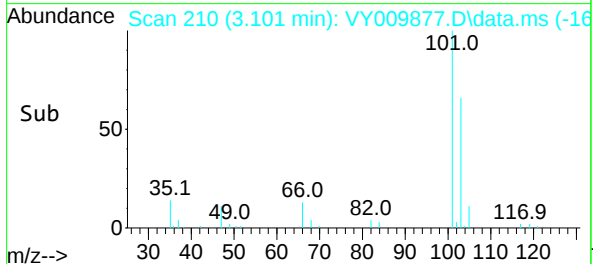
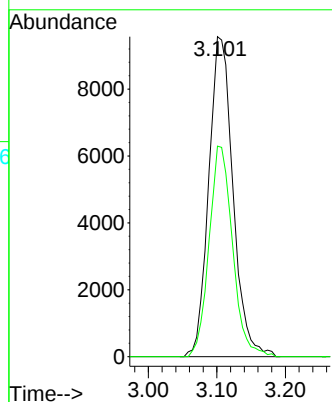
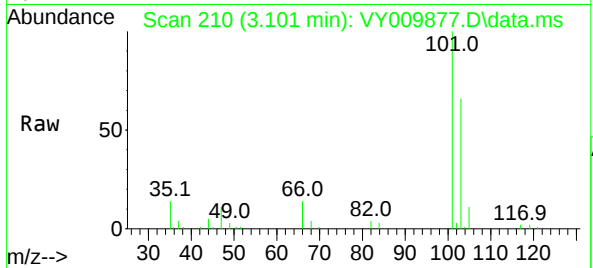




#7
 Trichlorofluoromethane
 Concen: 24.843 ug/l
 RT: 3.101 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VY009877.D
 Acq: 08 Aug 2022 16:13

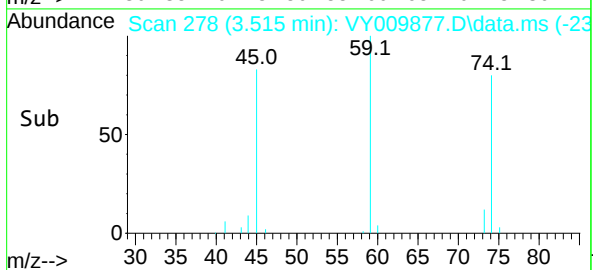
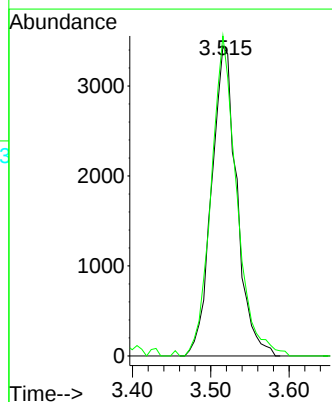
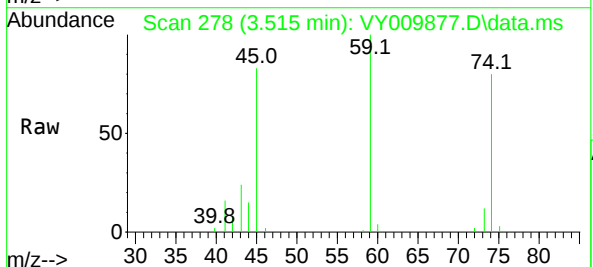
Instrument :
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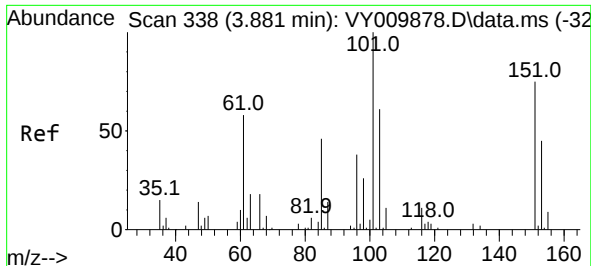
Tgt Ion:101 Resp: 23488
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.4 77.2



#8
 Diethyl Ether
 Concen: 21.961 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 7703
 Ion Ratio Lower Upper
 74 100
 45 104.7 49.1 147.4

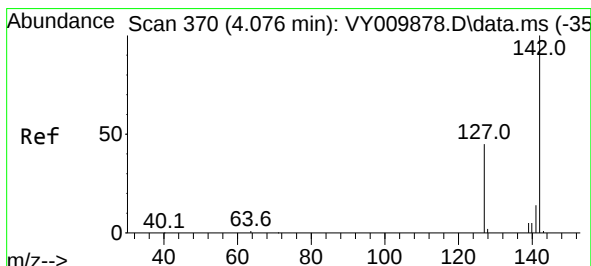
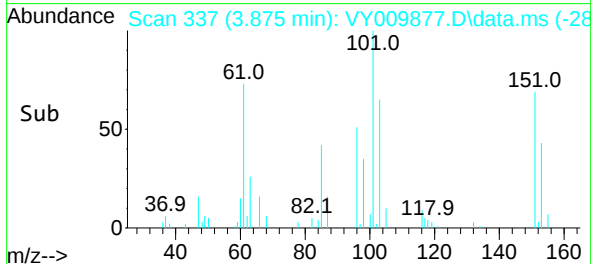
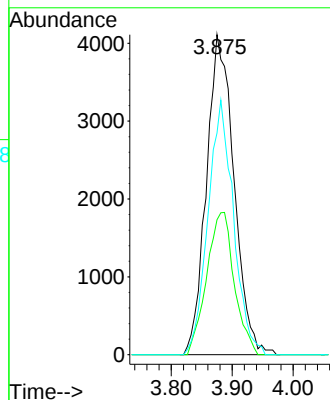
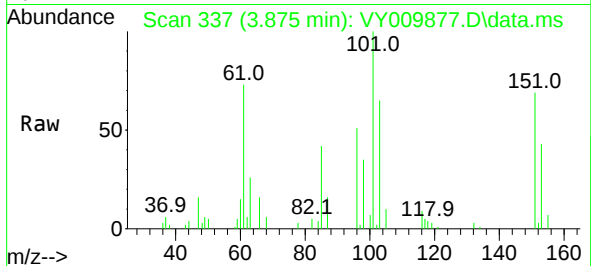




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.054 ug/l
RT: 3.875 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

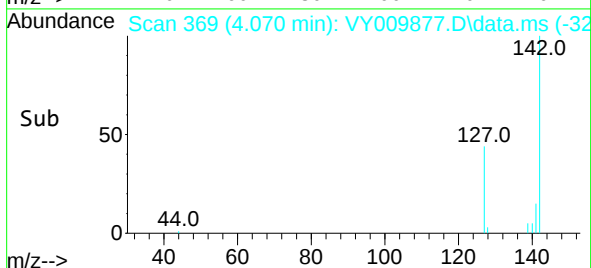
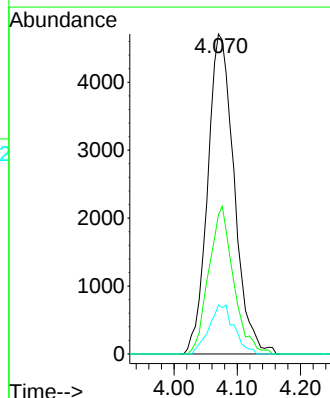
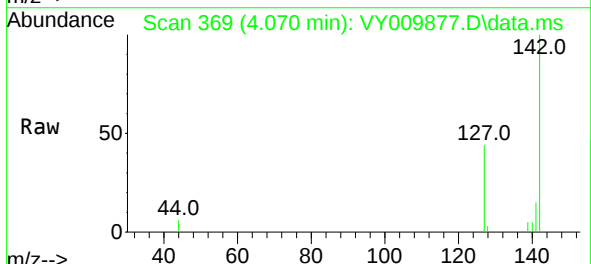
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

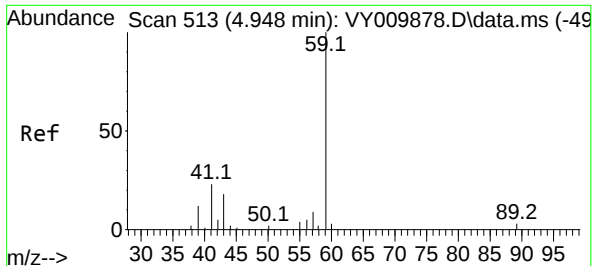
Tgt Ion:101 Resp: 12915
Ion Ratio Lower Upper
101 100
85 44.5 36.2 54.2
151 73.8 63.6 95.4



#10
Methyl Iodide
Concen: 16.292 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.006 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion:142 Resp: 13690
Ion Ratio Lower Upper
142 100
127 43.1 35.2 52.8
141 14.6 11.4 17.2





#11

Tert butyl alcohol

Concen: 55.190 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

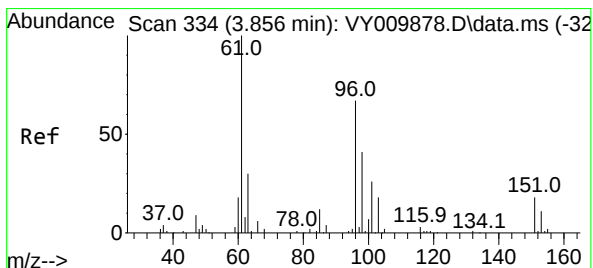
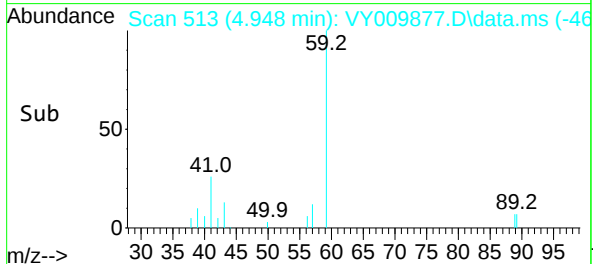
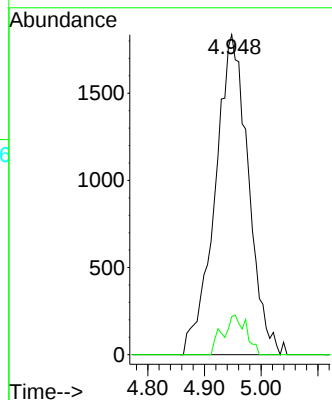
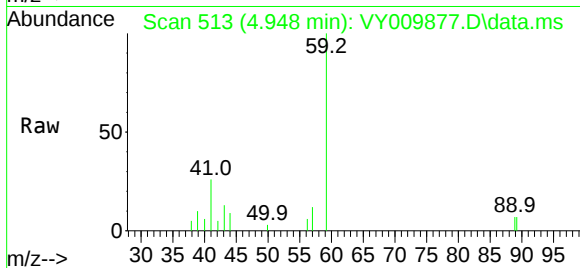
VSTDIC020

Tgt Ion: 59 Resp: 7478

Ion Ratio Lower Upper

59 100

57 6.5 6.3 9.5



#12

1,1-Dichloroethene

Concen: 18.595 ug/l

RT: 3.851 min Scan# 333

Delta R.T. -0.006 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

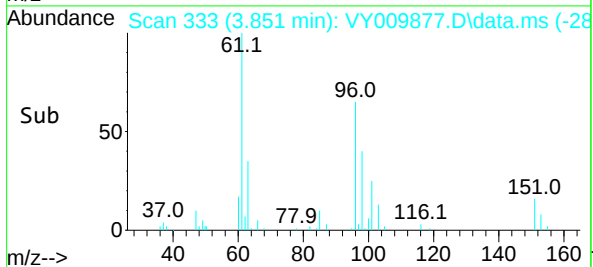
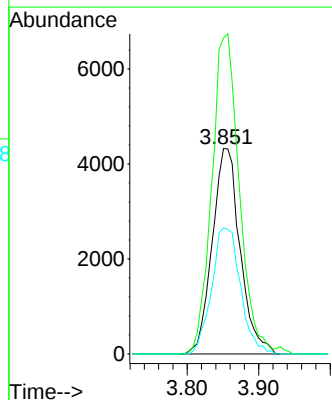
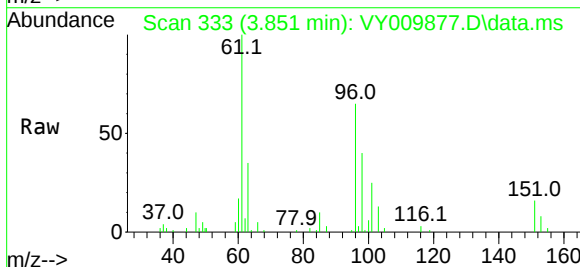
Tgt Ion: 96 Resp: 11669

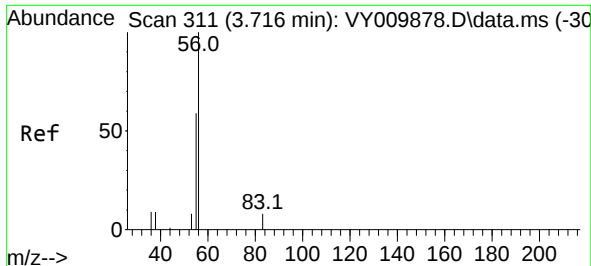
Ion Ratio Lower Upper

96 100

61 153.9 121.9 182.9

98 61.5 48.2 72.4





#13

Acrolein

Concen: 20.988 ug/l

RT: 3.723 min Scan# 311

Delta R.T. 0.007 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

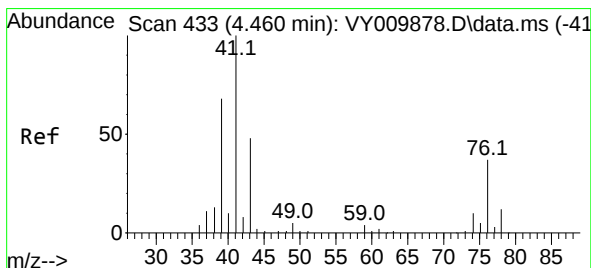
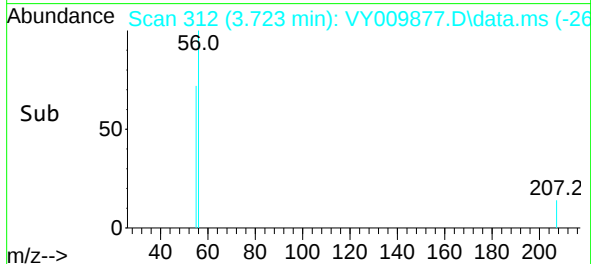
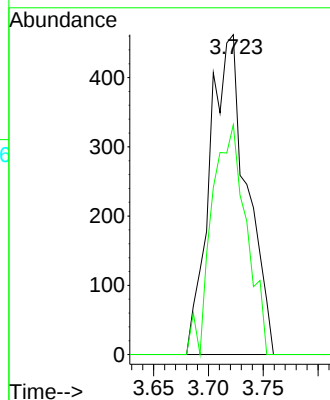
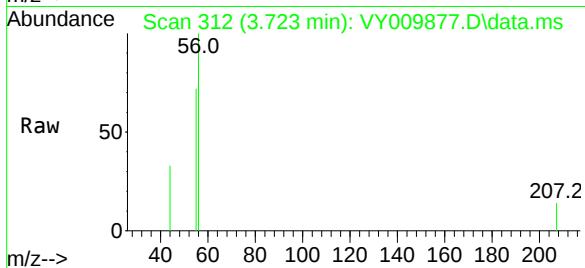
VSTDICC020

Tgt Ion: 56 Resp: 1089

Ion Ratio Lower Upper

56 100

55 66.9 54.8 82.2



#14

Allyl chloride

Concen: 19.260 ug/l

RT: 4.460 min Scan# 433

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

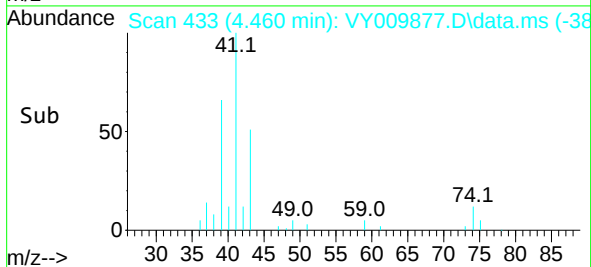
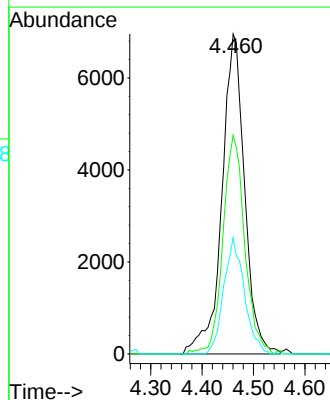
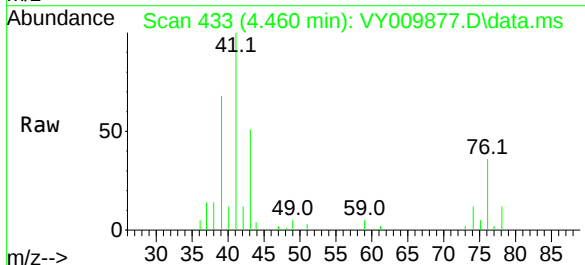
Tgt Ion: 41 Resp: 21343

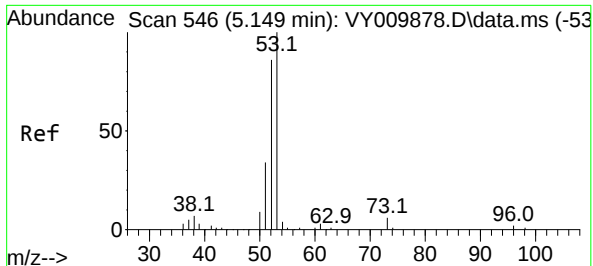
Ion Ratio Lower Upper

41 100

39 65.5 53.5 80.3

76 32.9 29.4 44.0

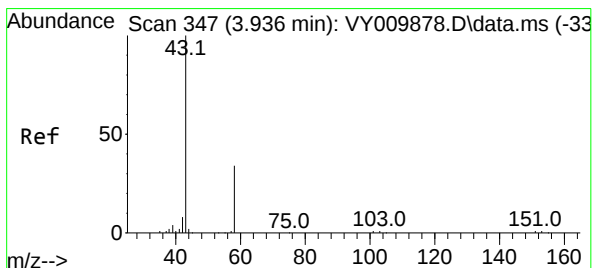
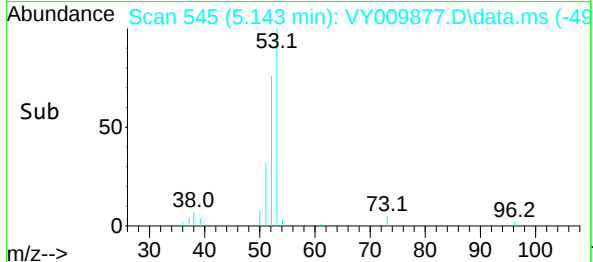
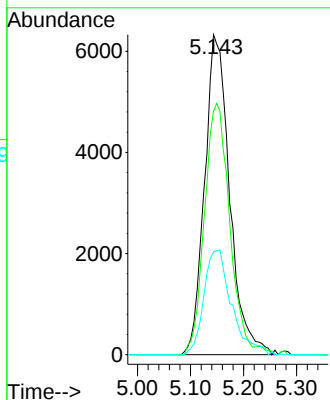
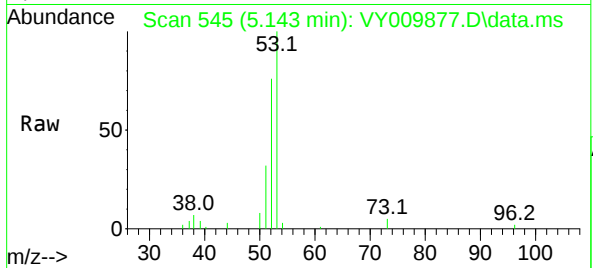




#15
Acrylonitrile
Concen: 107.240 ug/l
RT: 5.143 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

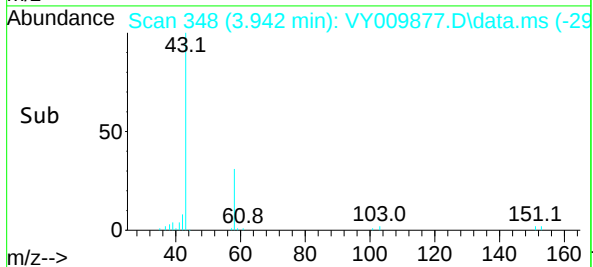
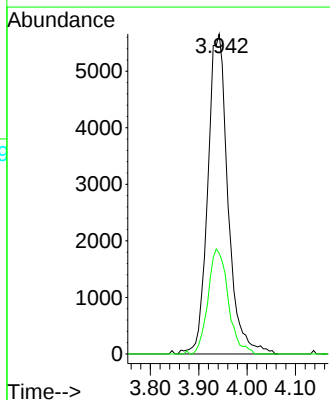
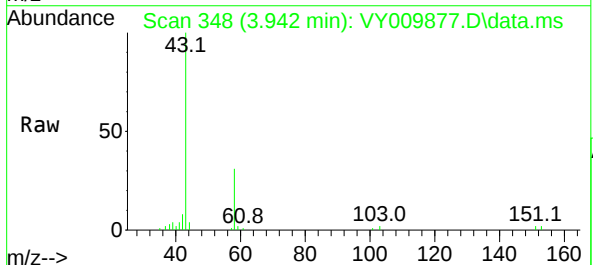
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

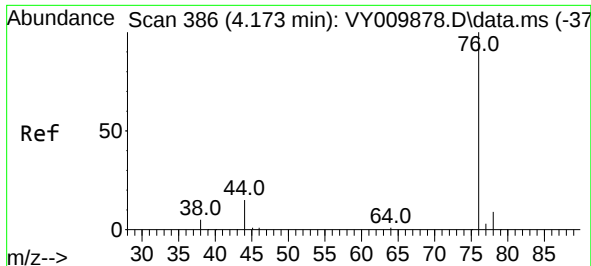
Tgt Ion: 53	Resp: 20800
Ion Ratio	Lower Upper
53 100	
52 79.5	65.4 98.2
51 36.1	28.4 42.6



#16
Acetone
Concen: 93.747 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.007 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion: 43	Resp: 16414
Ion Ratio	Lower Upper
43 100	
58 31.5	24.0 36.0

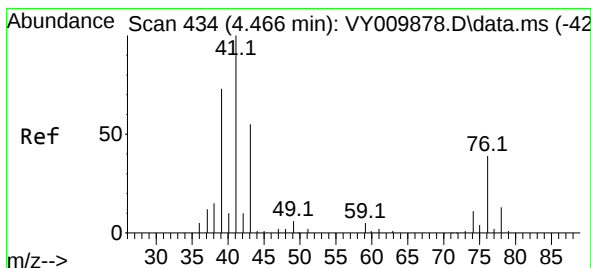
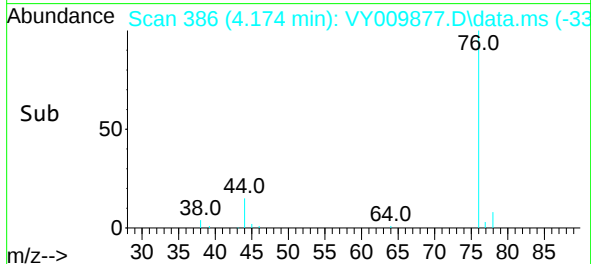
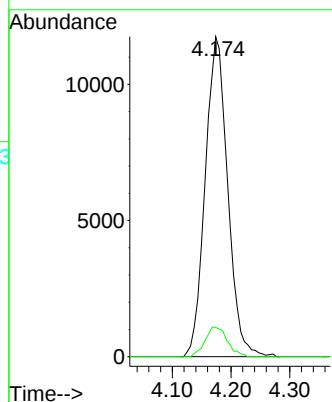
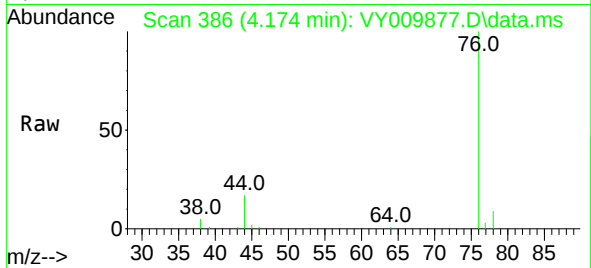




#17
Carbon Disulfide
Concen: 15.161 ug/l
RT: 4.174 min Scan# 386
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

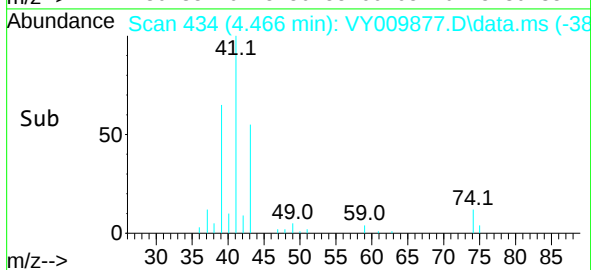
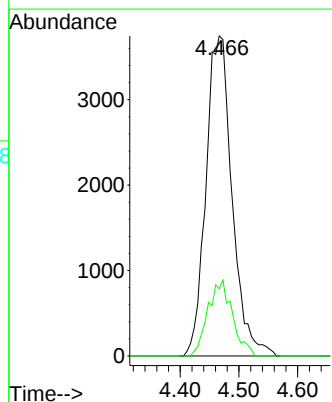
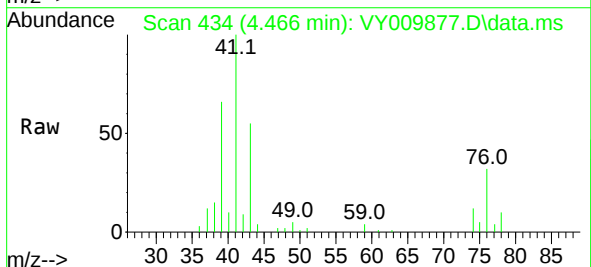
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

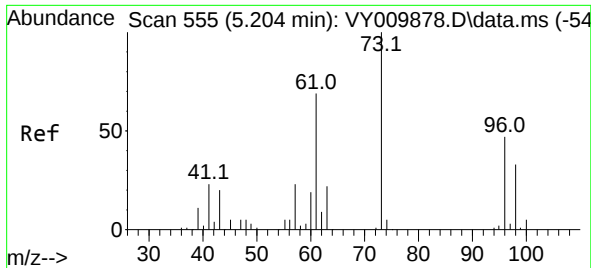
Tgt Ion: 76 Resp: 31228
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 23.448 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion: 43 Resp: 11557
Ion Ratio Lower Upper
43 100
74 22.2 18.8 28.2

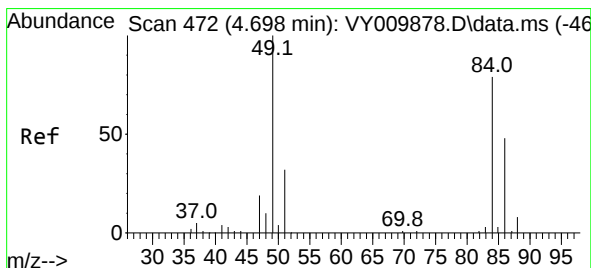
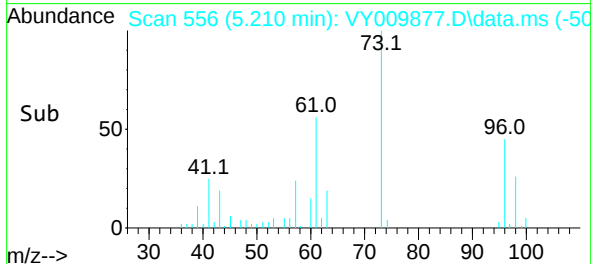
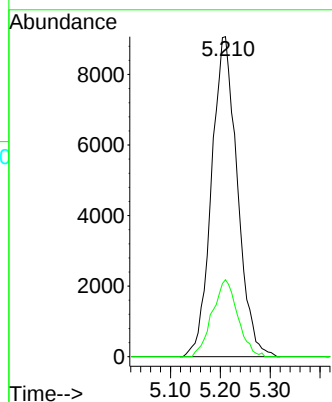
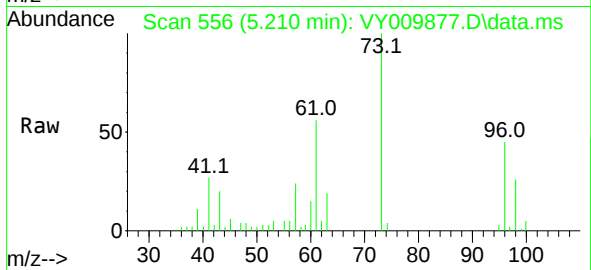




#19
Methyl tert-butyl Ether
Concen: 18.635 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

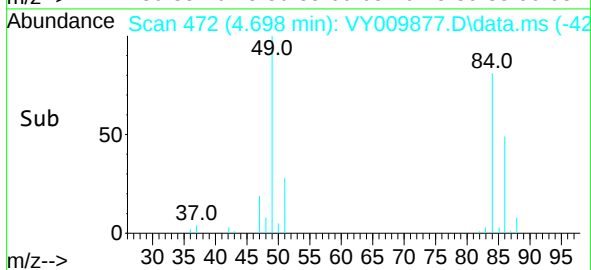
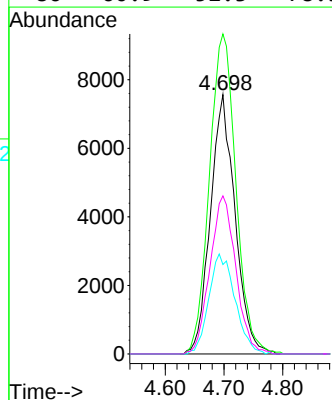
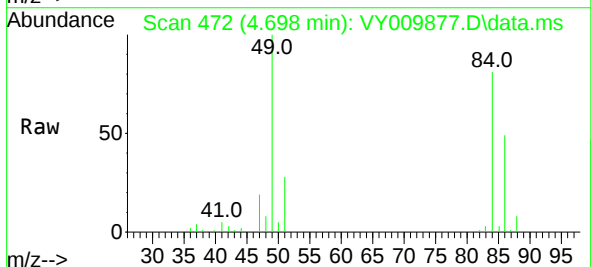
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

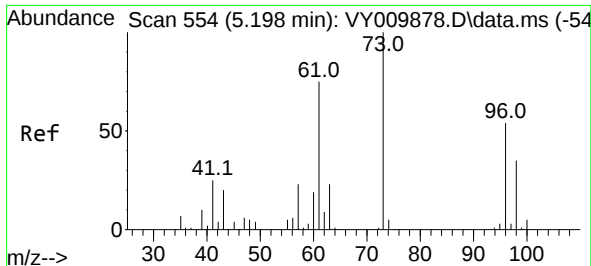
Tgt Ion: 73 Resp: 32564
Ion Ratio Lower Upper
73 100
57 24.0 18.5 27.7



#20
Methylene Chloride
Concen: 24.730 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion: 84 Resp: 22077
Ion Ratio Lower Upper
84 100
49 123.4 98.2 147.4
51 34.5 33.4 50.0
86 60.9 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 17.619 ug/l

RT: 5.204 min Scan# 51

Delta R.T. 0.007 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

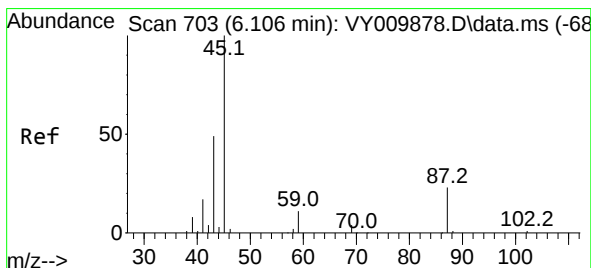
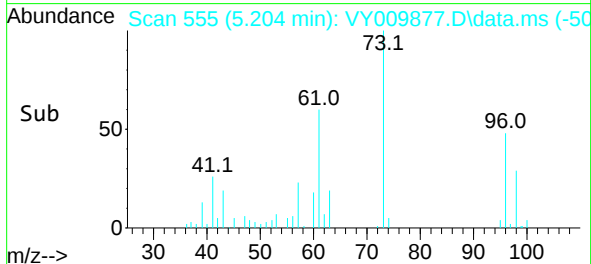
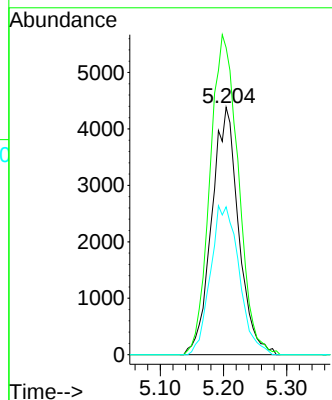
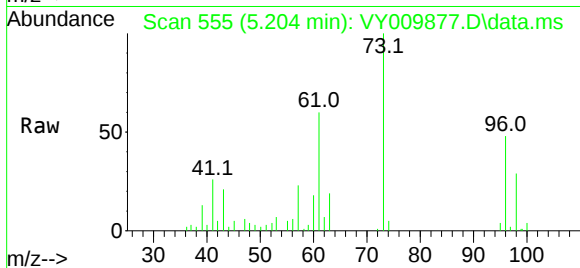
Tgt Ion: 96 Resp: 12947

Ion Ratio Lower Upper

96 100

61 124.1 105.8 158.6

98 59.8 49.7 74.5



#22

Diisopropyl ether

Concen: 21.505 ug/l

RT: 6.106 min Scan# 703

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Tgt Ion: 45 Resp: 47788

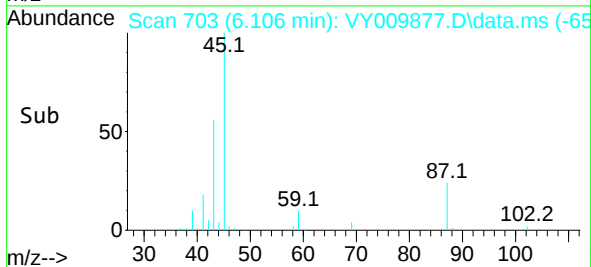
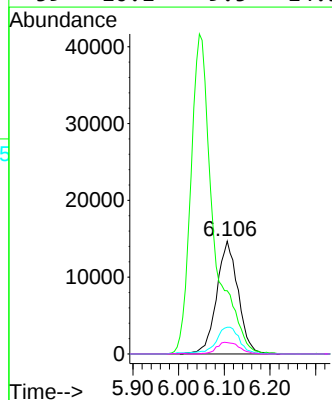
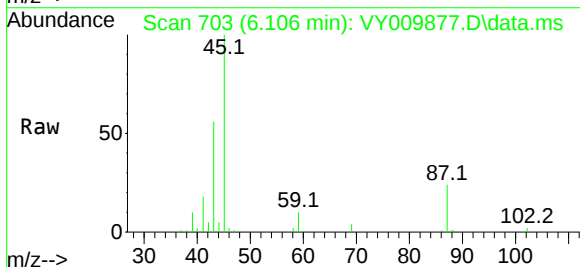
Ion Ratio Lower Upper

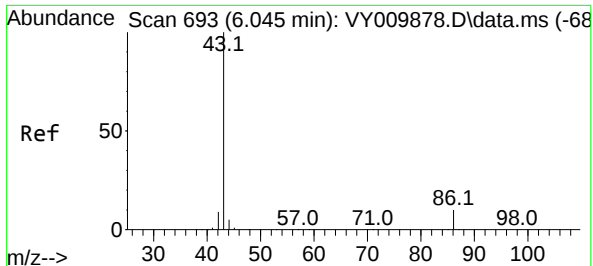
45 100

43 55.6 43.7 65.5

87 23.7 22.2 33.4

59 10.1 9.5 14.3

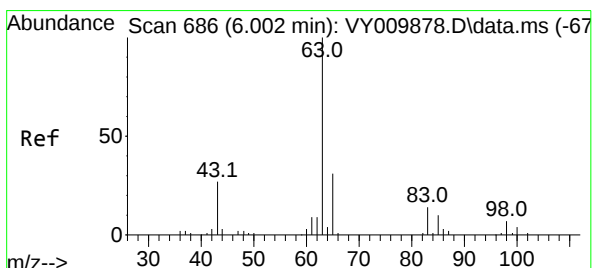
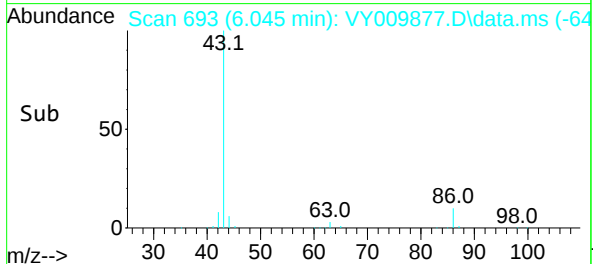
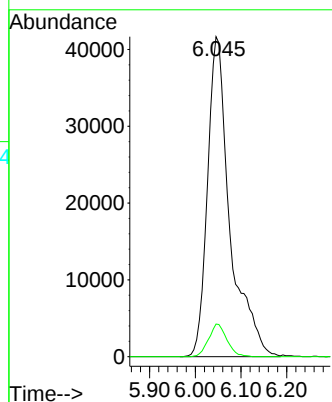
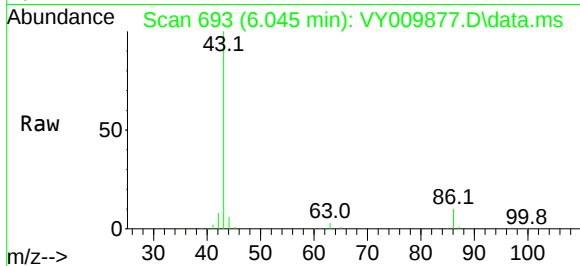




#23
 Vinyl Acetate
 Concen: 99.558 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY009877.D
 Acq: 08 Aug 2022 16:13

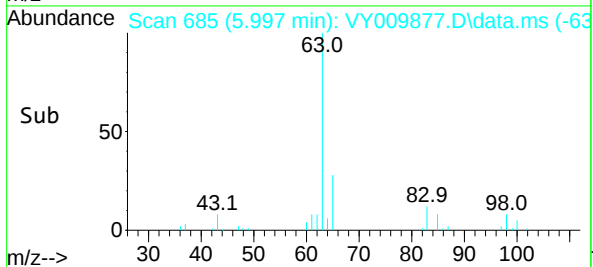
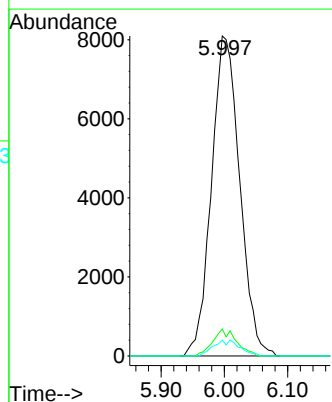
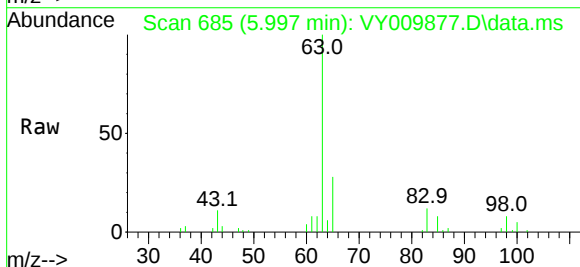
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

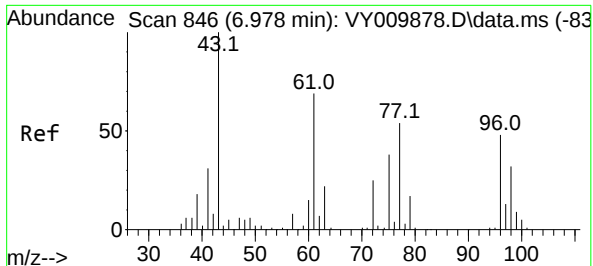
Tgt Ion: 43 Resp: 142106
 Ion Ratio Lower Upper
 43 100
 86 10.2 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 19.979 ug/l
 RT: 5.997 min Scan# 685
 Delta R.T. -0.006 min
 Lab File: VY009877.D
 Acq: 08 Aug 2022 16:13

Tgt Ion: 63 Resp: 25088
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.9 11.7
 100 4.9 2.8 8.3





#25

2-Butanone

Concen: 104.786 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

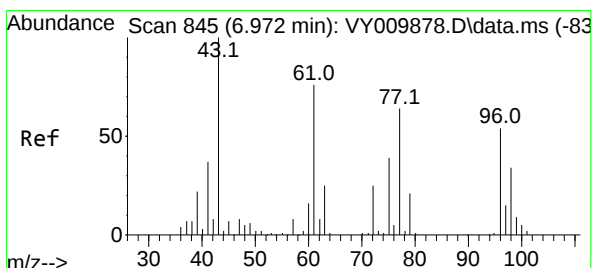
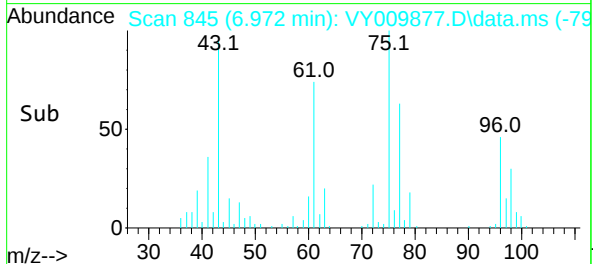
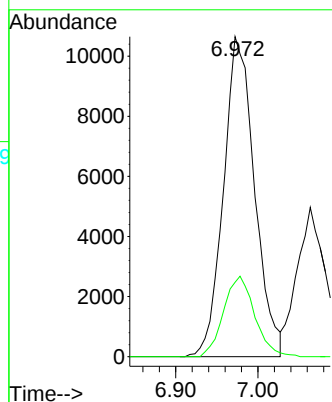
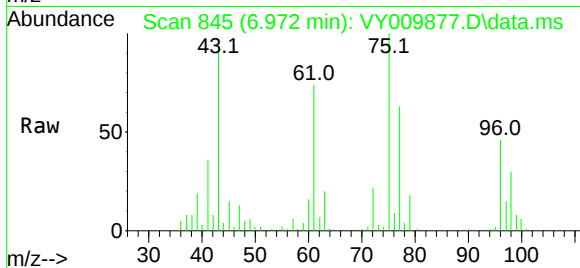
VSTDICC020

Tgt Ion: 43 Resp: 27995

Ion Ratio Lower Upper

43 100

72 23.2 21.5 32.3



#26

2,2-Dichloropropane

Concen: 18.595 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY009877.D

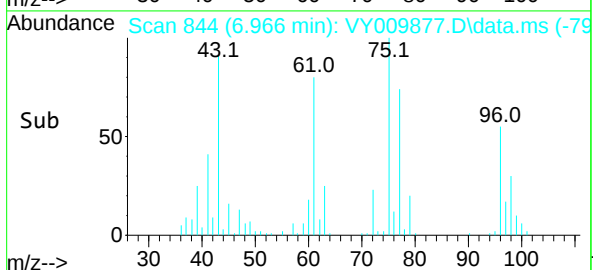
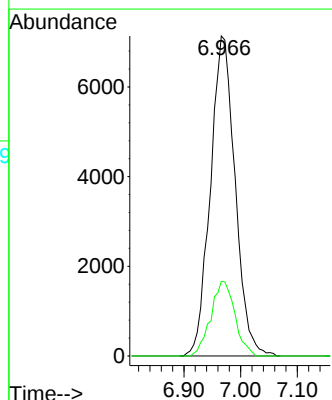
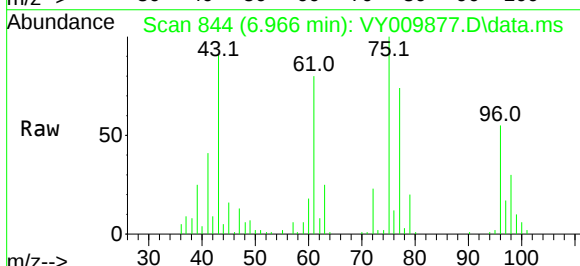
Acq: 08 Aug 2022 16:13

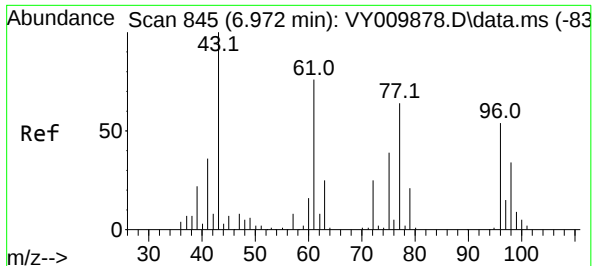
Tgt Ion: 77 Resp: 21591

Ion Ratio Lower Upper

77 100

97 22.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 18.348 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

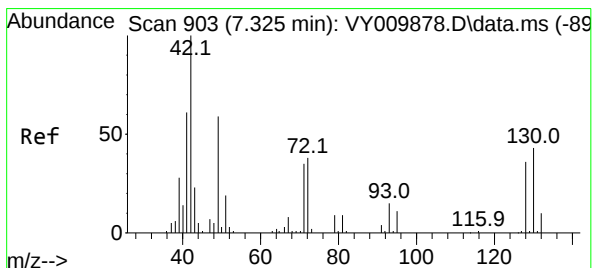
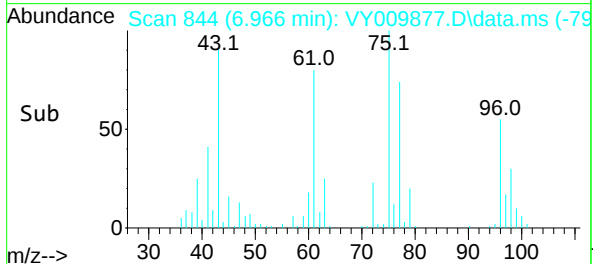
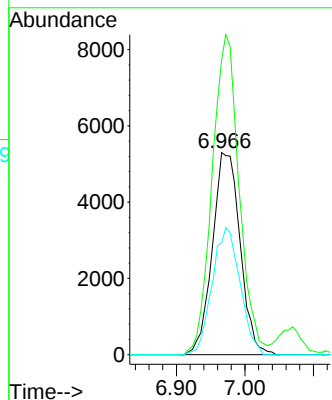
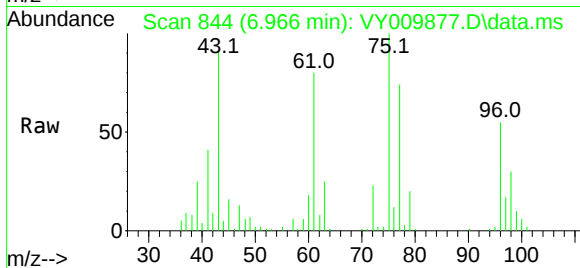
Tgt Ion: 96 Resp: 14858

Ion Ratio Lower Upper

96 100

61 154.4 0.0 285.6

98 63.2 0.0 131.0



#28

Bromochloromethane

Concen: 16.606 ug/l

RT: 7.320 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

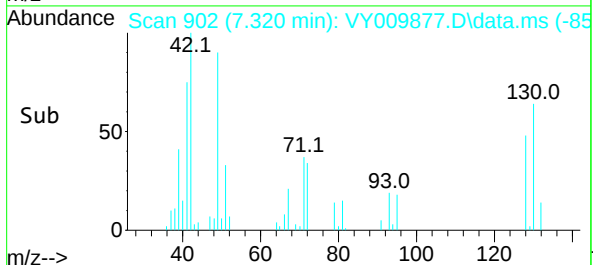
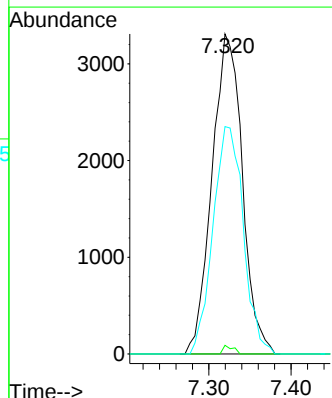
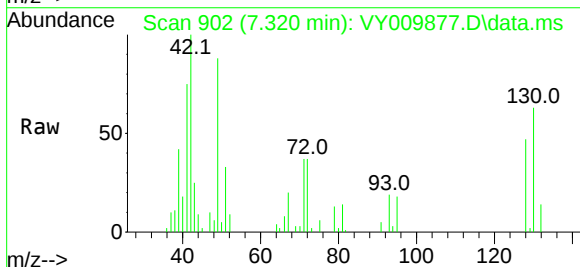
Tgt Ion: 49 Resp: 8487

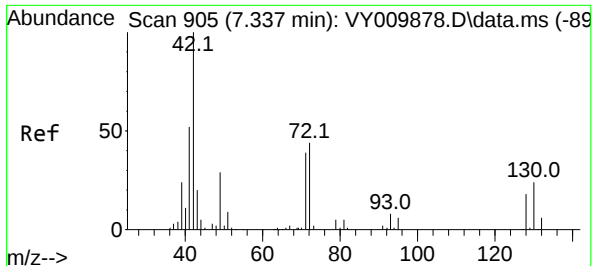
Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.6

130 70.9 64.1 96.1





#29

Tetrahydrofuran

Concen: 107.774 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

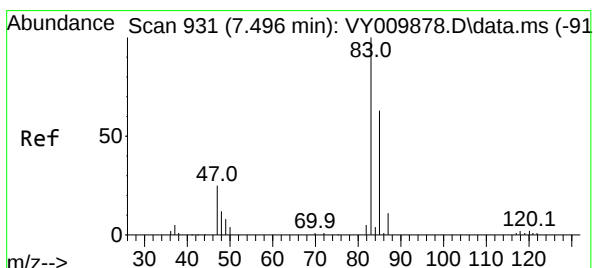
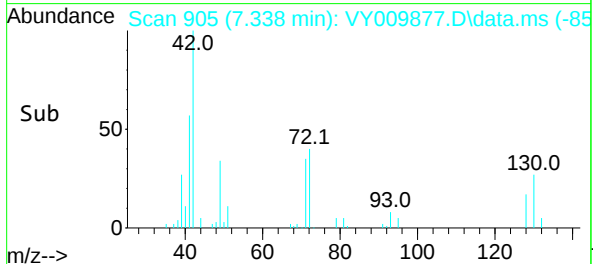
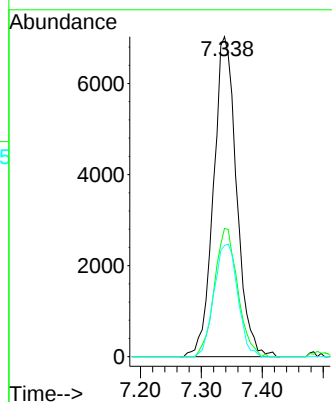
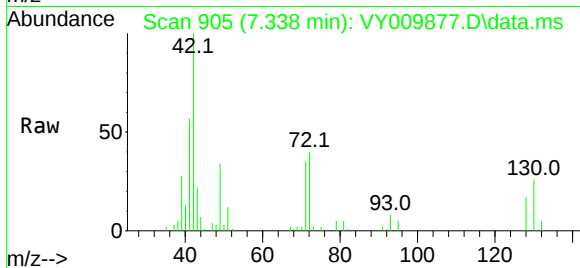
Tgt Ion: 42 Resp: 18480

Ion Ratio Lower Upper

42 100

72 40.4 34.6 52.0

71 36.2 32.7 49.1



#30

Chloroform

Concen: 20.141 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009877.D

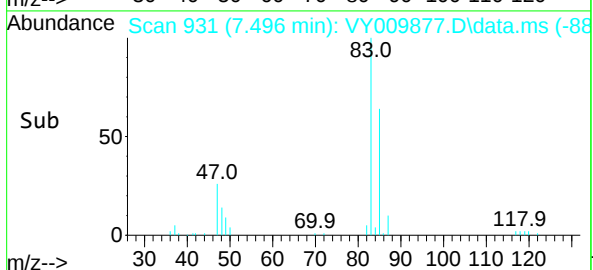
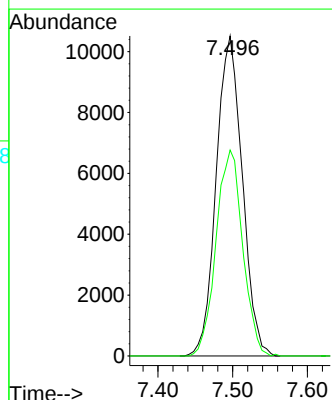
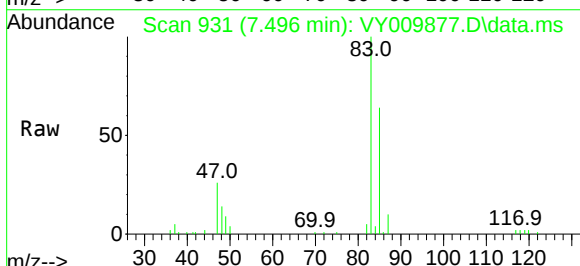
Acq: 08 Aug 2022 16:13

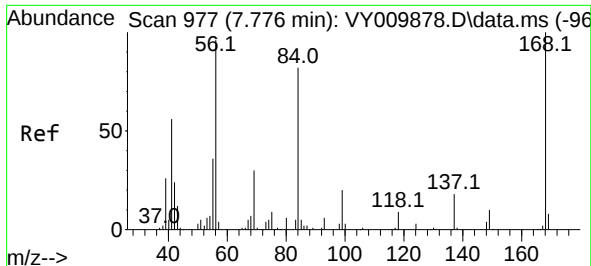
Tgt Ion: 83 Resp: 25538

Ion Ratio Lower Upper

83 100

85 64.4 50.5 75.7

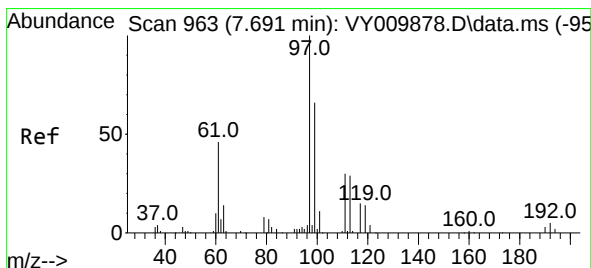
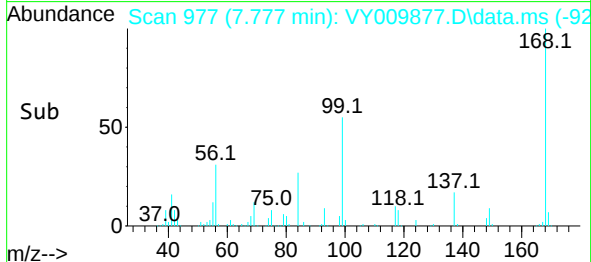
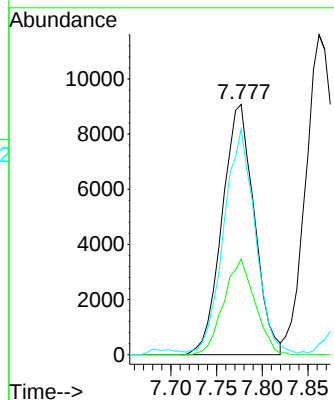
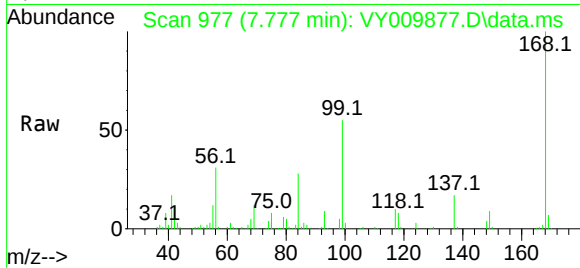




#31
Cyclohexane
Concen: 17.965 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

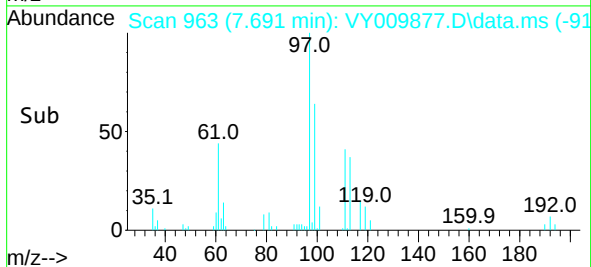
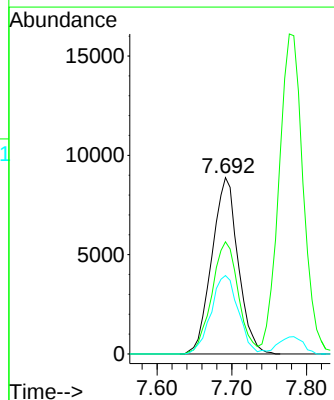
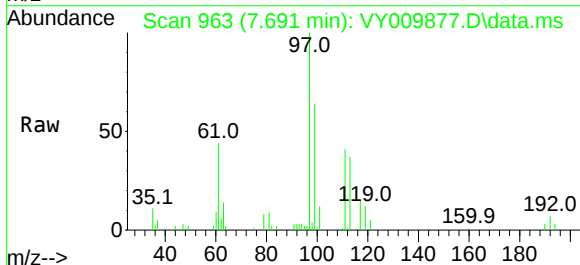
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

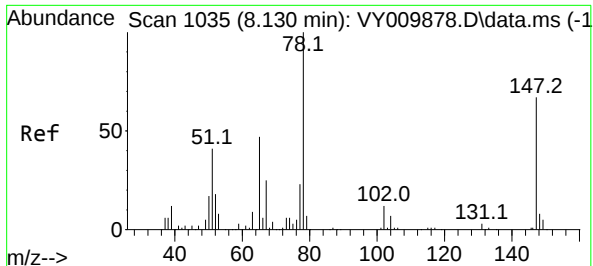
Tgt Ion: 56 Resp: 22240
Ion Ratio Lower Upper
56 100
69 38.2 26.0 39.0
84 88.6 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 19.483 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion: 97 Resp: 21692
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.8
61 46.4 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 24.658 ug/l

RT: 8.130 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

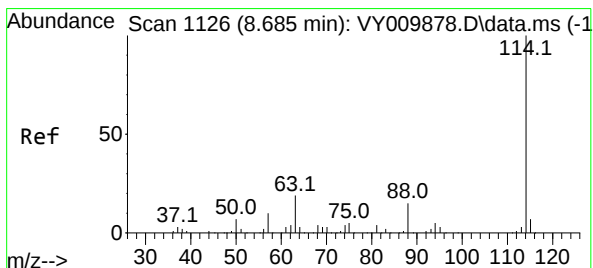
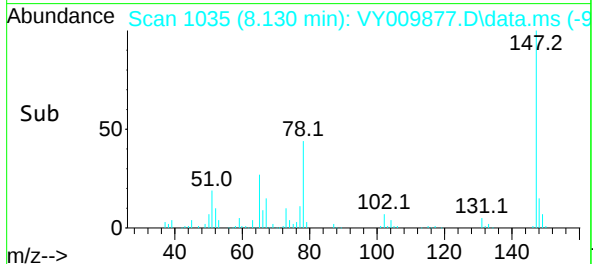
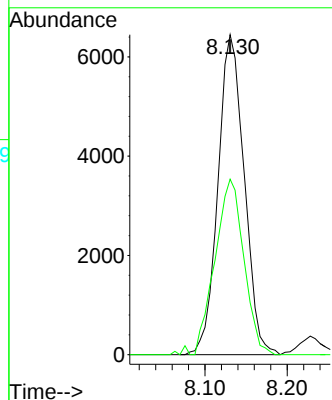
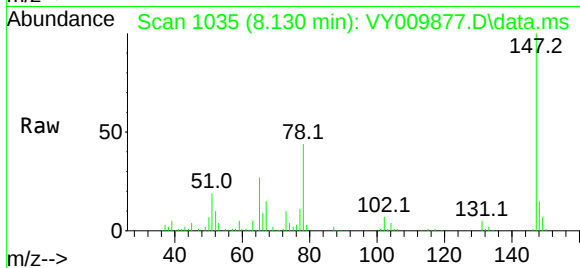
VSTDIC020

Tgt Ion: 65 Resp: 14309

Ion Ratio Lower Upper

65 100

67 60.9 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

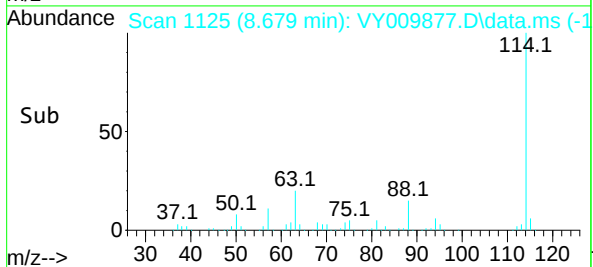
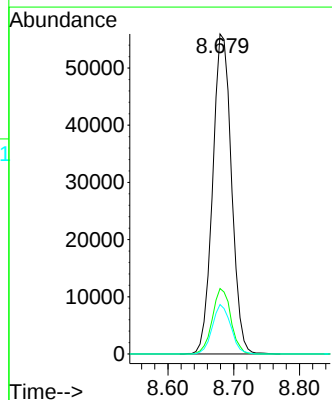
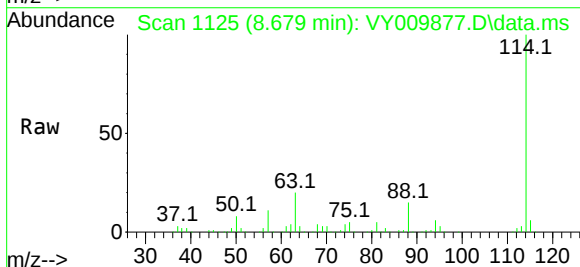
Tgt Ion: 114 Resp: 111388

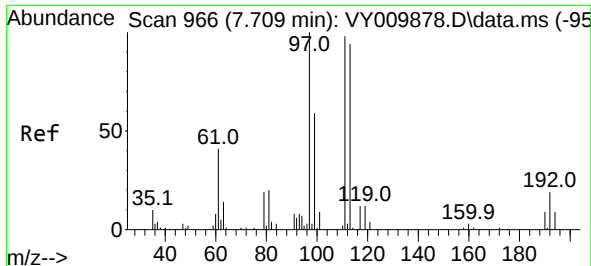
Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.0

88 15.4 0.0 30.0

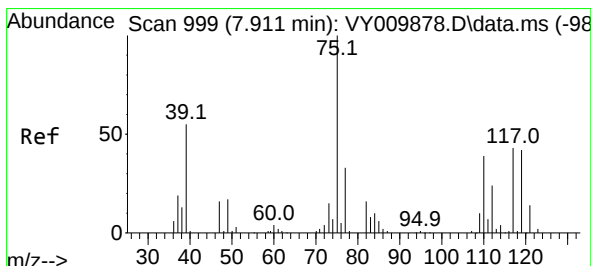
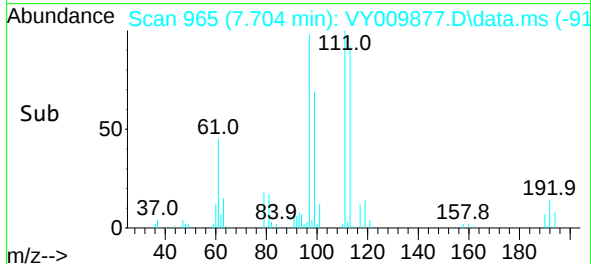
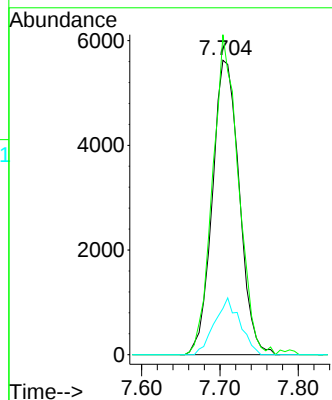
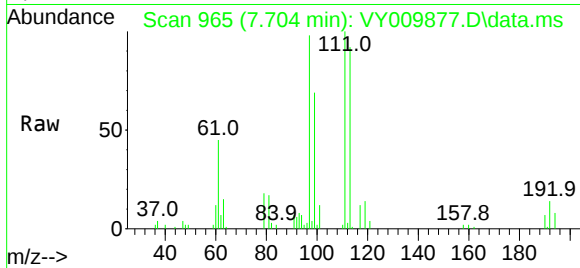




#35
Dibromofluoromethane
Concen: 22.424 ug/l
RT: 7.704 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

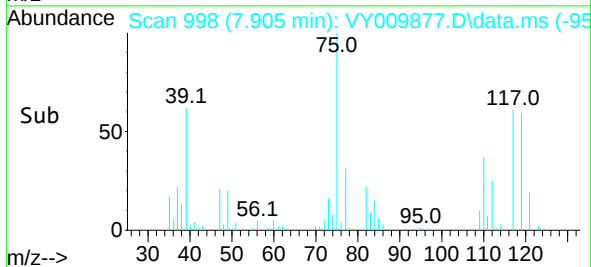
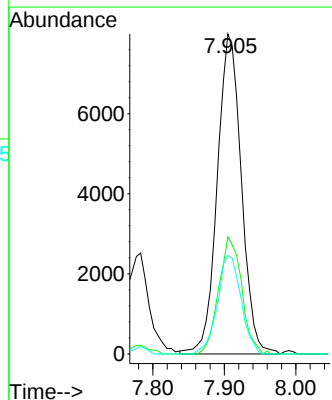
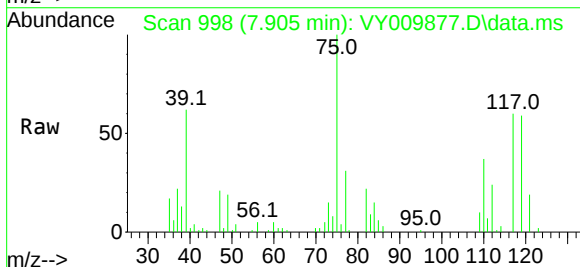
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

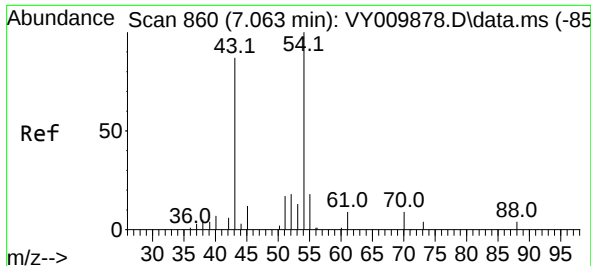
Tgt Ion:113 Resp: 13434
Ion Ratio Lower Upper
113 100
111 104.1 80.6 120.8
192 18.2 16.2 24.4



#36
1,1-Dichloropropene
Concen: 18.306 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion: 75 Resp: 18713
Ion Ratio Lower Upper
75 100
110 34.8 18.6 56.0
77 30.0 25.0 37.4





#37

Ethyl Acetate

Concen: 21.060 ug/l

RT: 7.064 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

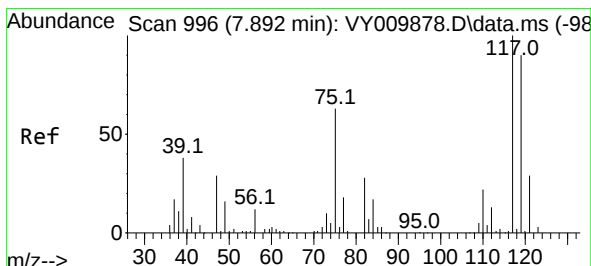
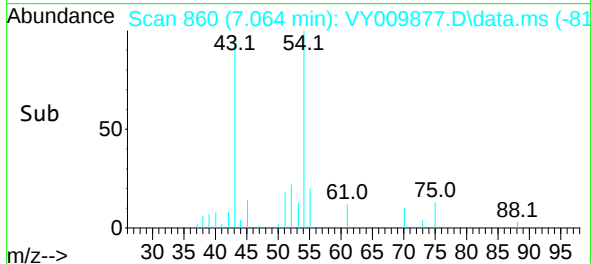
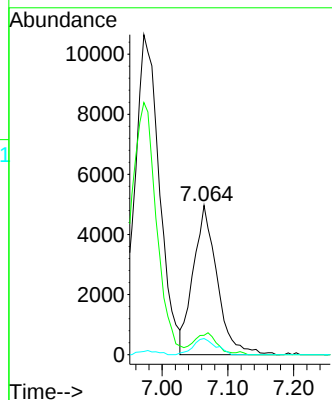
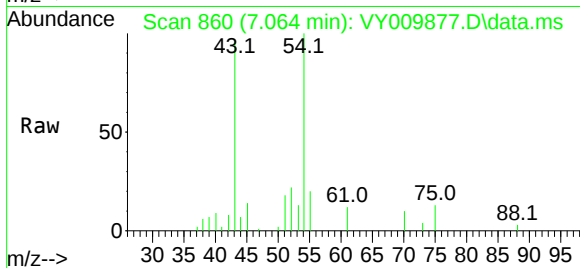
MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 12526

Ion	Ratio	Lower	Upper
43	100		
61	12.2	11.2	16.8
70	10.2	8.4	12.6



#38

Carbon Tetrachloride

Concen: 18.016 ug/l

RT: 7.887 min Scan# 995

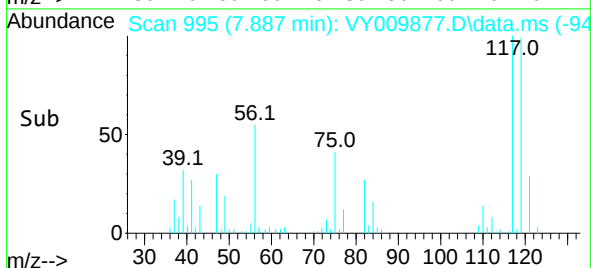
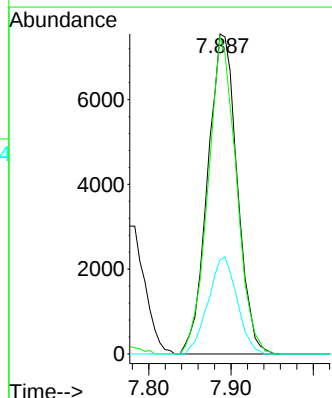
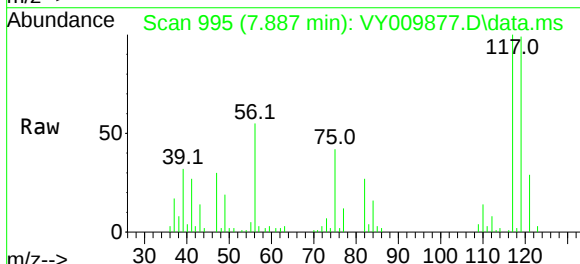
Delta R.T. -0.006 min

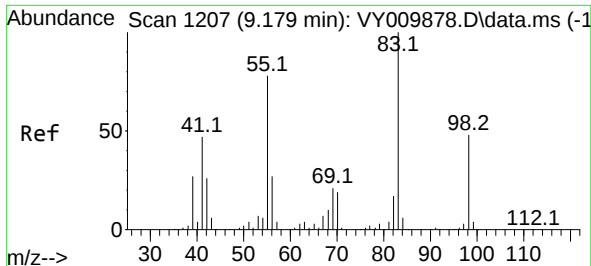
Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Tgt Ion: 117 Resp: 18804

Ion	Ratio	Lower	Upper
117	100		
119	99.0	75.9	113.9
121	29.4	24.9	37.3





#39

Methylcyclohexane

Concen: 16.462 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

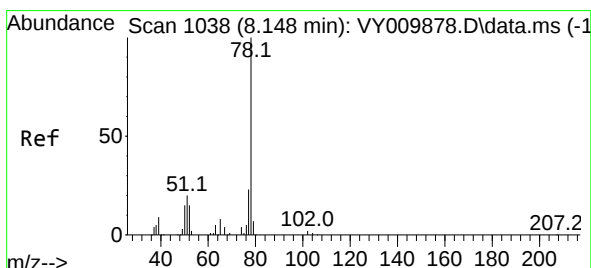
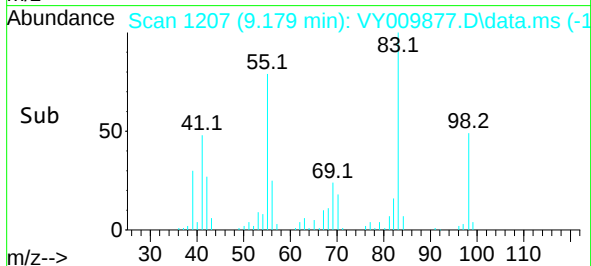
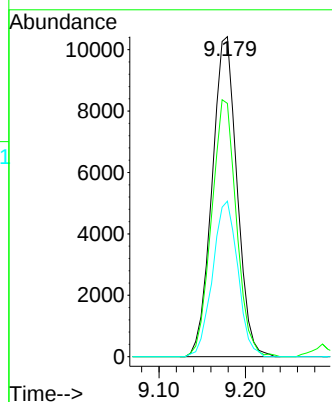
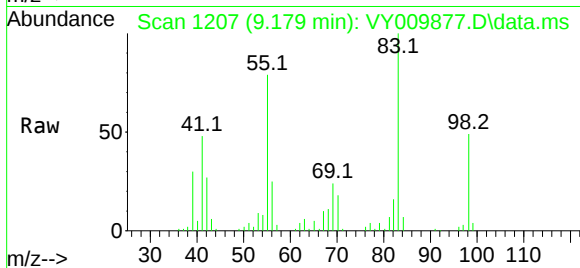
Tgt Ion: 83 Resp: 20887

Ion Ratio Lower Upper

83 100

55 79.1 56.7 85.1

98 48.6 39.9 59.9



#40

Benzene

Concen: 19.238 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY009877.D

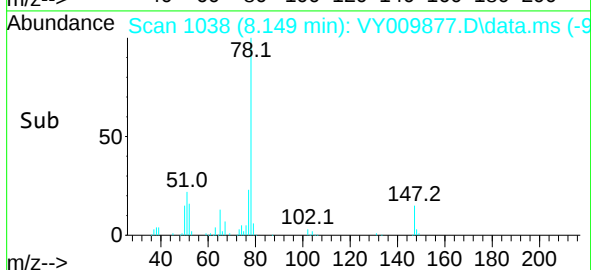
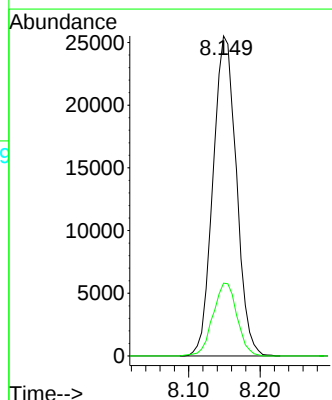
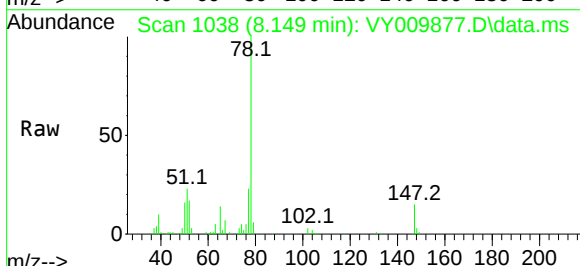
Acq: 08 Aug 2022 16:13

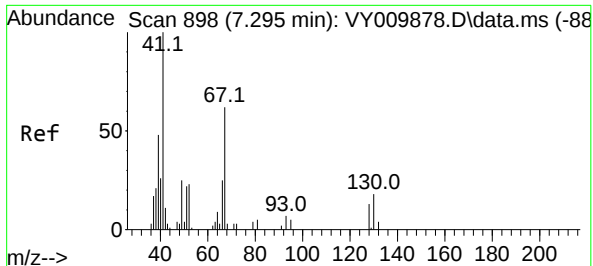
Tgt Ion: 78 Resp: 57968

Ion Ratio Lower Upper

78 100

77 22.7 19.4 29.0

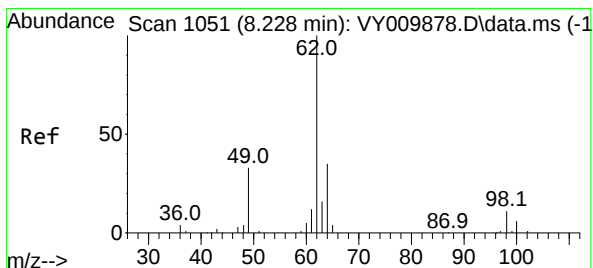
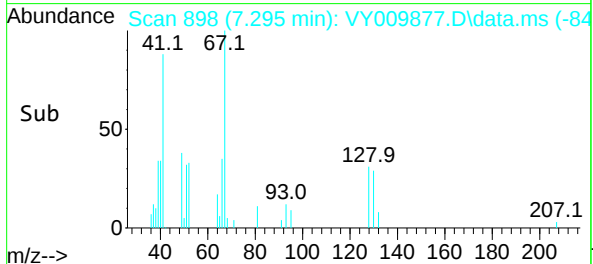
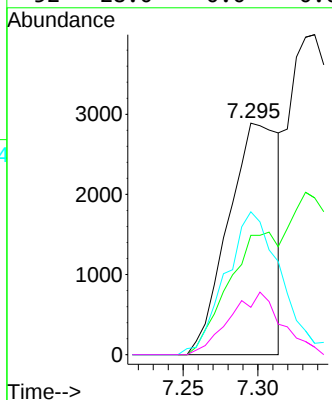
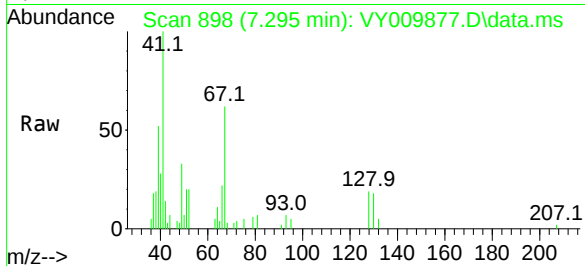




#41
Methacrylonitrile
Concen: 20.881 ug/l
RT: 7.295 min Scan# 898
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

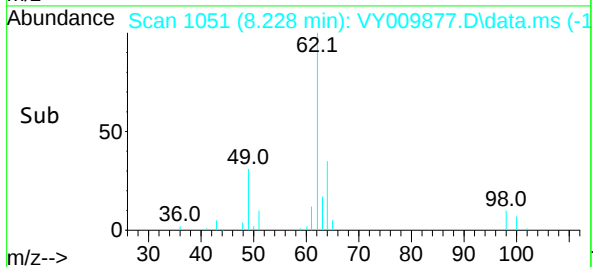
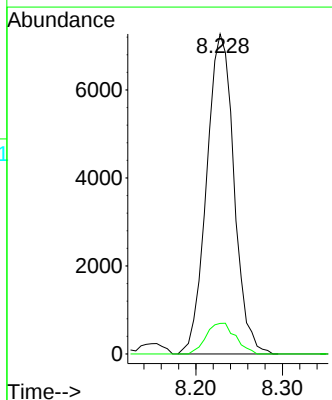
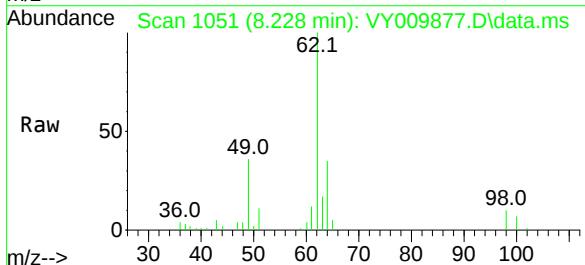
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

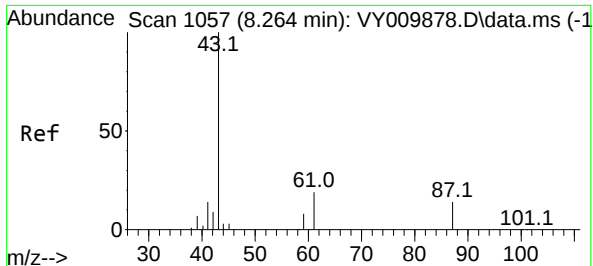
Tgt Ion:	41	Resp:	6751
Ion	Ratio	Lower	Upper
41	100		
39	52.5	0.0	0.0#
67	67.5	0.0	0.0#
52	28.0	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 18.992 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion:	62	Resp:	15974
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.6

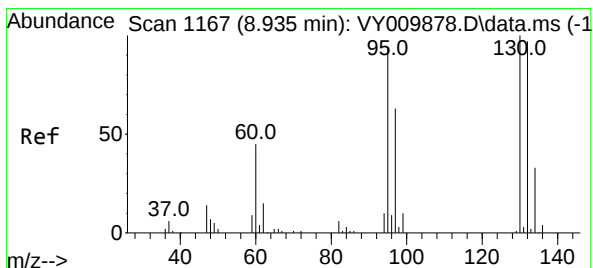
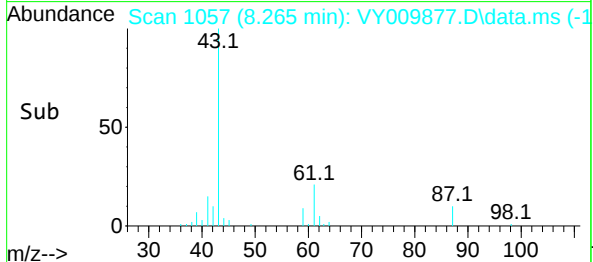
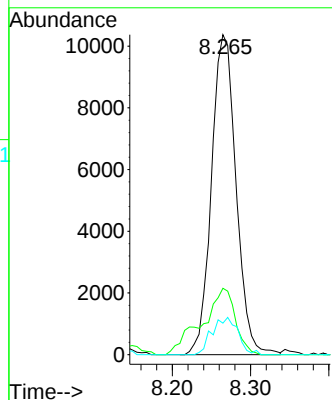
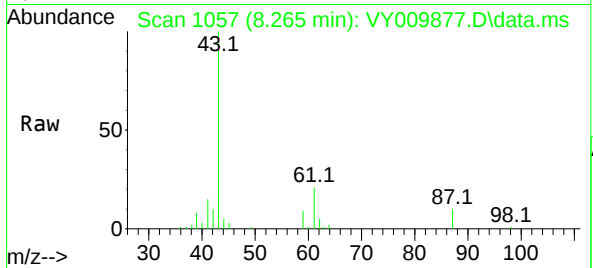




#43
Isopropyl Acetate
Concen: 20.609 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

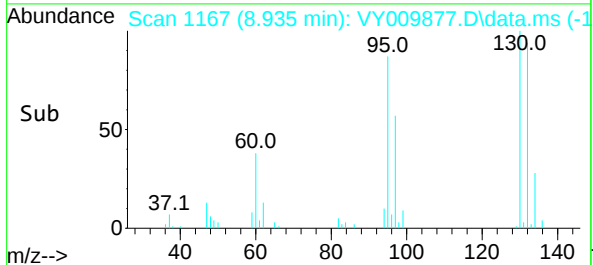
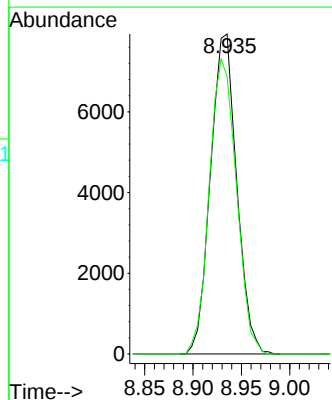
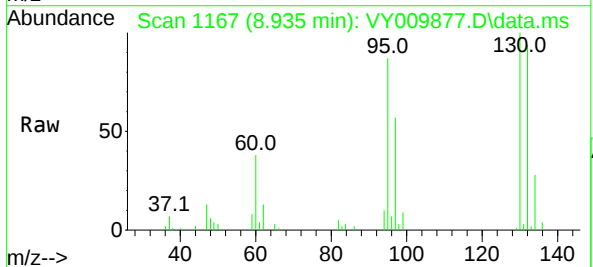
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

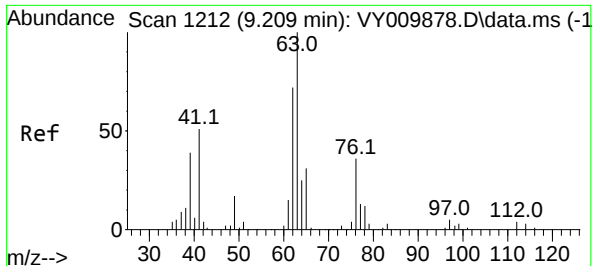
Tgt Ion: 43 Resp: 22641
Ion Ratio Lower Upper
43 100
61 28.1 23.6 35.4
87 12.4 11.3 16.9



#44
Trichloroethene
Concen: 18.005 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion:130 Resp: 14940
Ion Ratio Lower Upper
130 100
95 86.8 0.0 194.6





#45

1,2-Dichloropropane

Concen: 20.245 ug/l

RT: 9.210 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

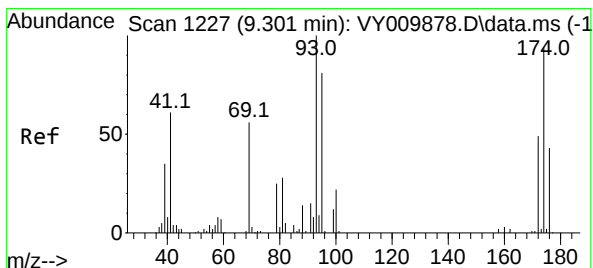
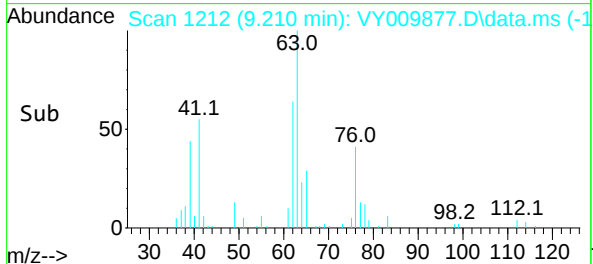
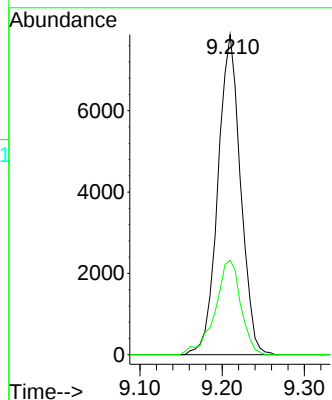
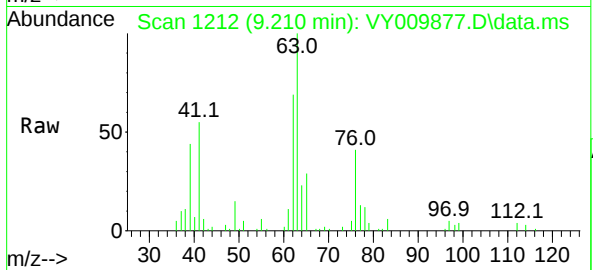
VSTDICC020

Tgt Ion: 63 Resp: 15049

Ion Ratio Lower Upper

63 100

65 29.4 23.7 35.5



#46

Dibromomethane

Concen: 19.644 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

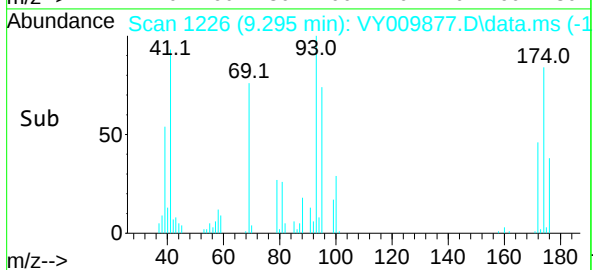
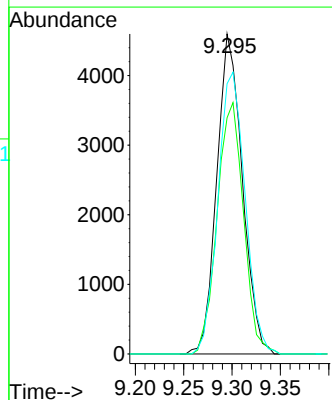
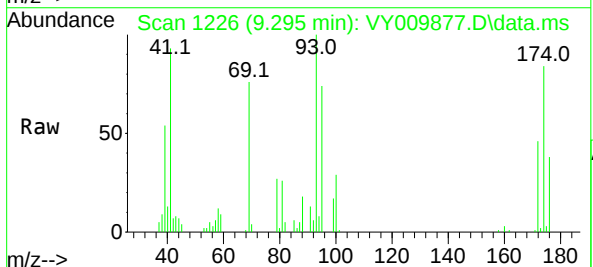
Tgt Ion: 93 Resp: 8440

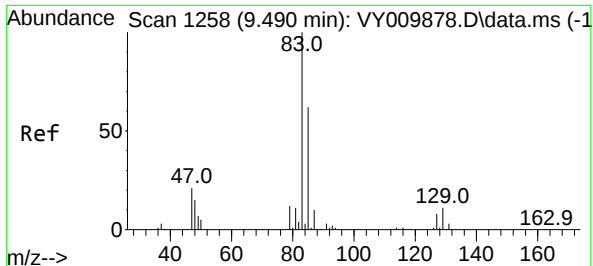
Ion Ratio Lower Upper

93 100

95 81.1 66.3 99.5

174 93.8 80.6 120.8





#47

Bromodichloromethane

Concen: 19.116 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

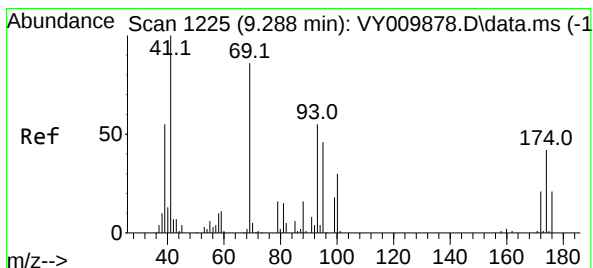
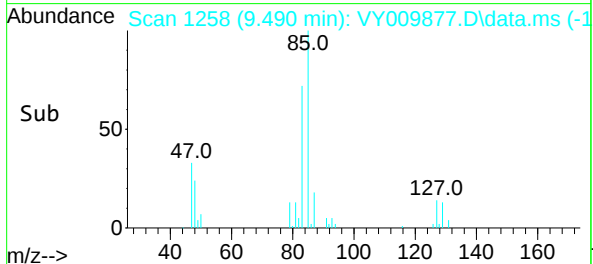
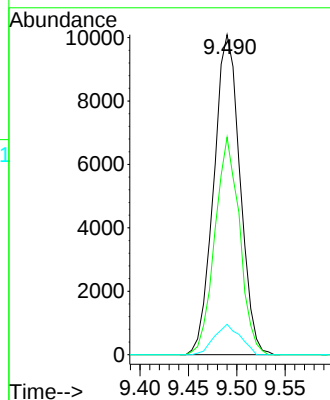
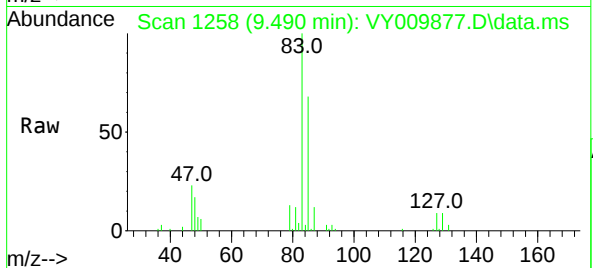
Tgt Ion: 83 Resp: 18987

Ion Ratio Lower Upper

83 100

85 67.9 51.2 76.8

127 9.5 7.1 10.7



#48

Methyl methacrylate

Concen: 19.453 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

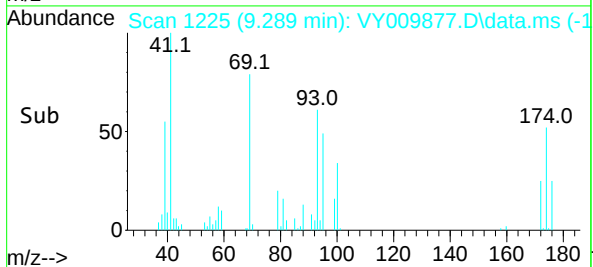
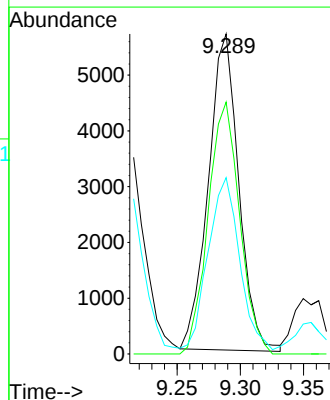
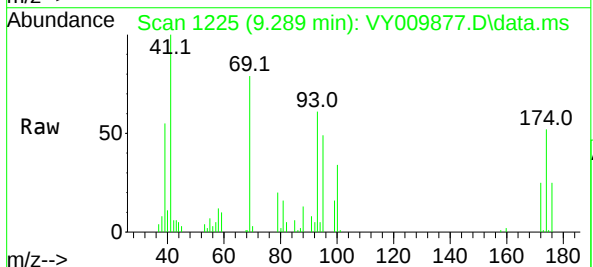
Tgt Ion: 41 Resp: 9479

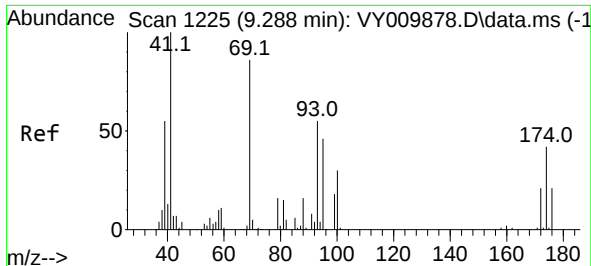
Ion Ratio Lower Upper

41 100

69 82.7 73.2 109.8

39 56.2 47.5 71.3





#49

1,4-Dioxane

Concen: 329.813 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

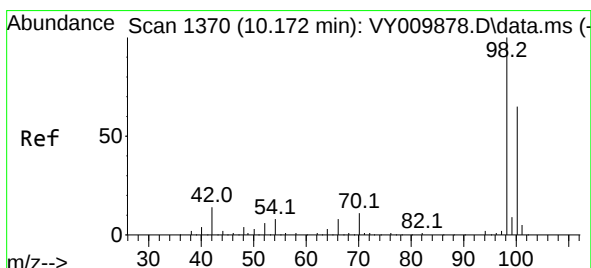
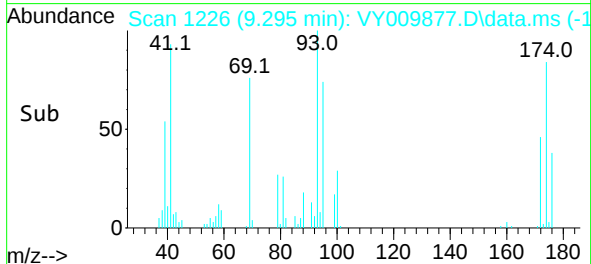
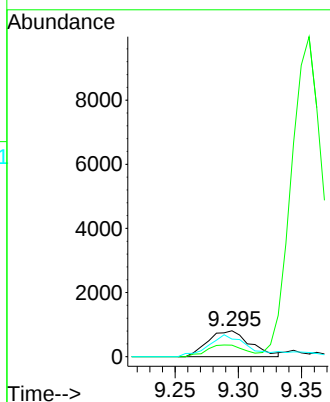
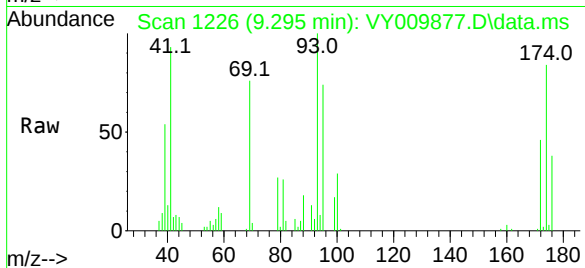
Tgt Ion: 88 Resp: 1874

Ion Ratio Lower Upper

88 100

43 40.1 26.3 39.5#

58 75.4 52.6 79.0



#50

Toluene-d8

Concen: 26.325 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY009877.D

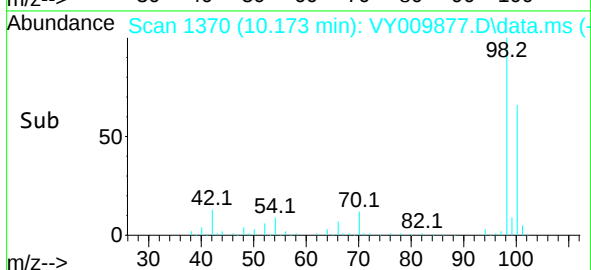
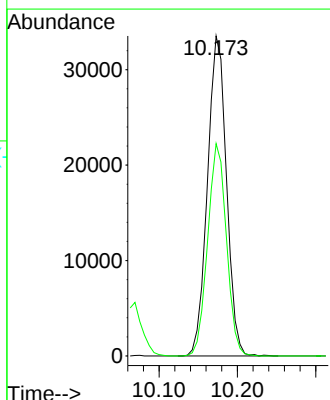
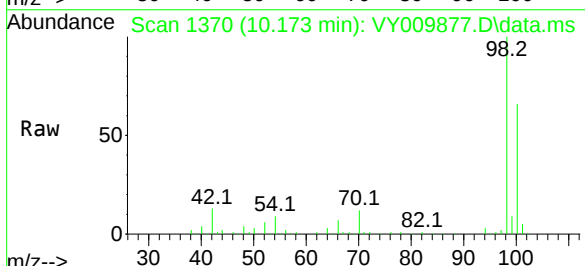
Acq: 08 Aug 2022 16:13

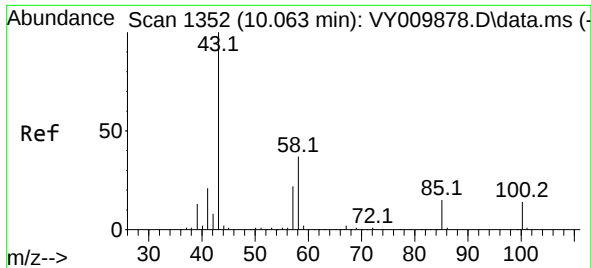
Tgt Ion: 98 Resp: 56520

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3

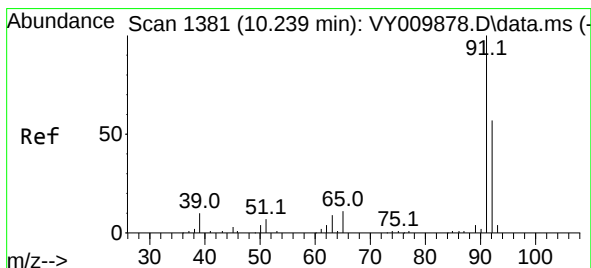
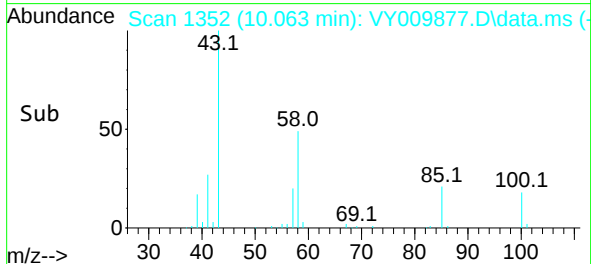
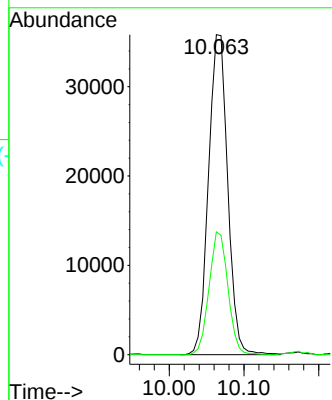
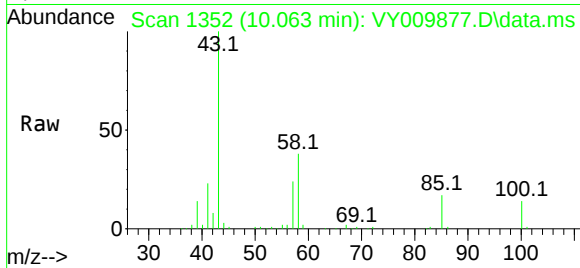




#51
4-Methyl-2-Pentanone
Concen: 112.682 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

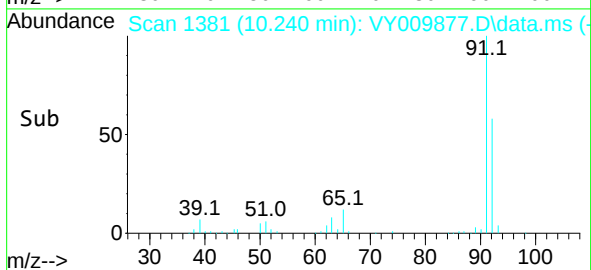
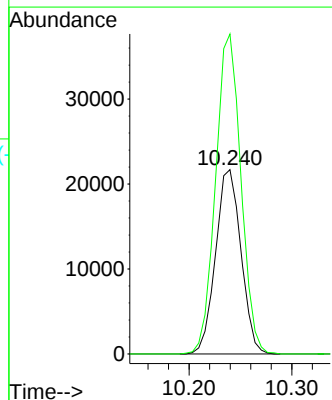
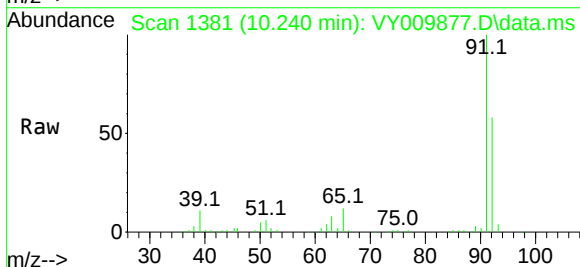
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

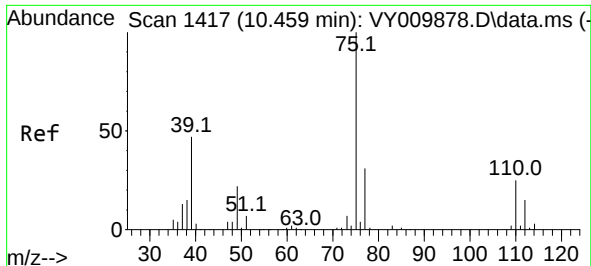
Tgt Ion: 43 Resp: 63795
Ion Ratio Lower Upper
43 100
58 37.8 31.5 47.3



#52
Toluene
Concen: 19.942 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion: 92 Resp: 37193
Ion Ratio Lower Upper
92 100
91 173.0 138.7 208.1

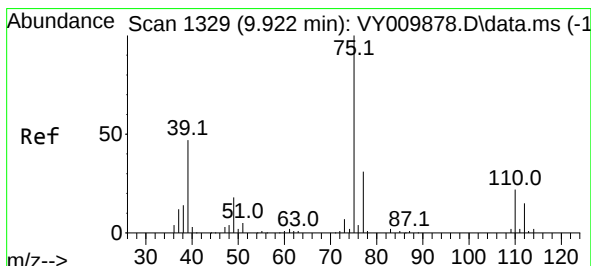
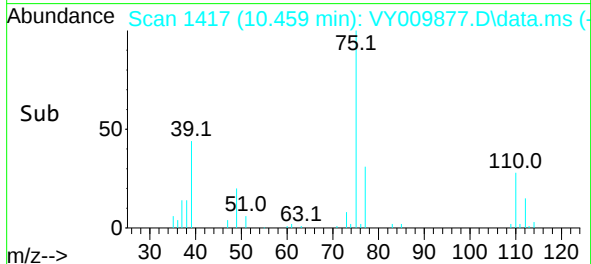
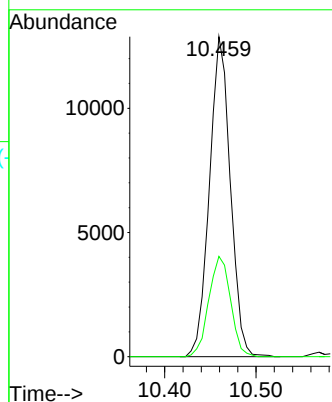
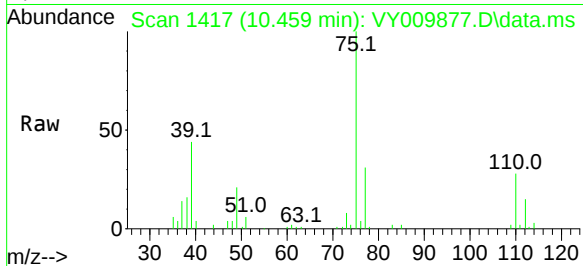




#53
t-1,3-Dichloropropene
Concen: 19.464 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

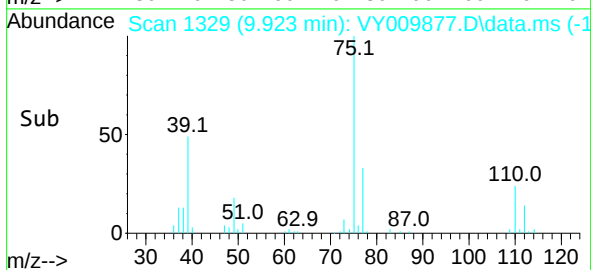
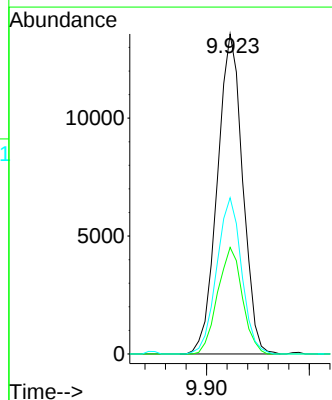
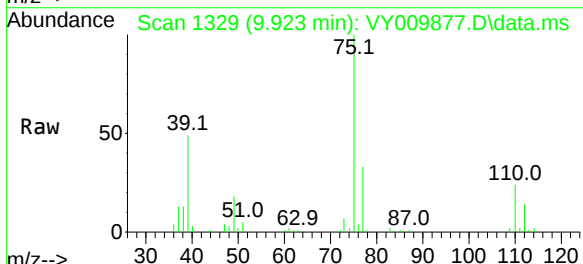
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

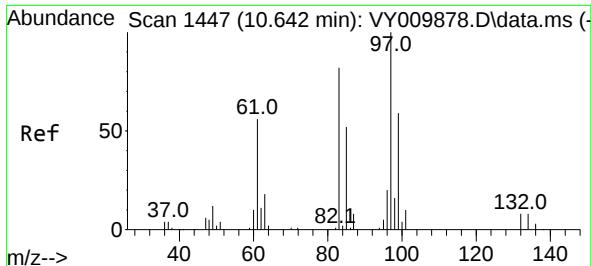
Tgt Ion: 75 Resp: 20483
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.296 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion: 75 Resp: 23172
Ion Ratio Lower Upper
75 100
77 33.3 25.2 37.8
39 48.8 35.8 53.8

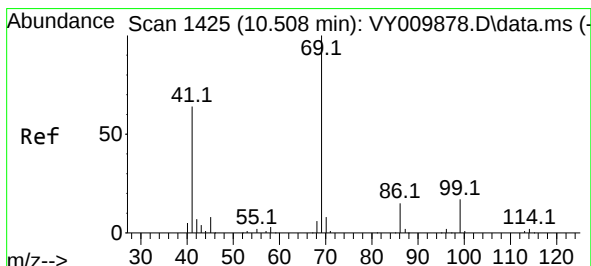
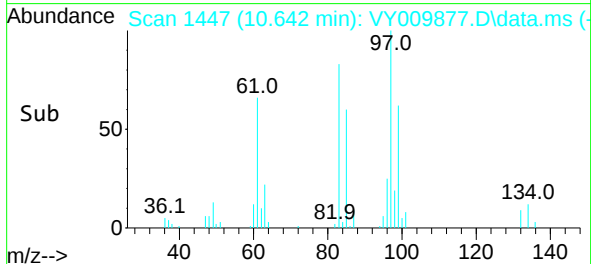
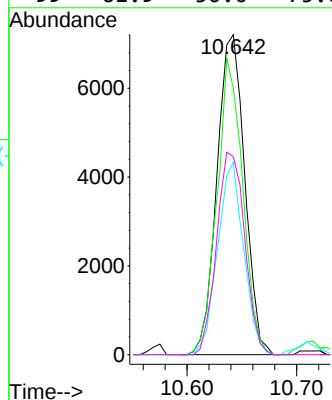
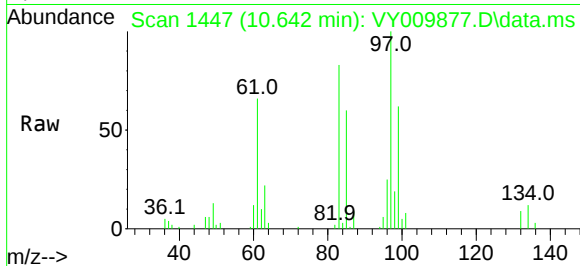




#55
1,1,2-Trichloroethane
Concen: 21.307 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

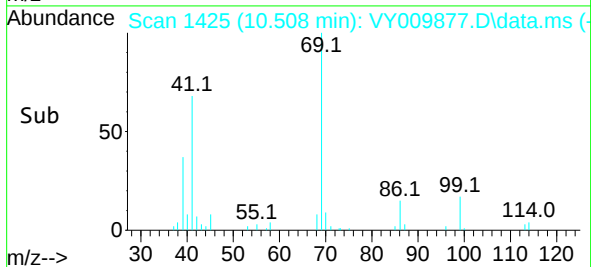
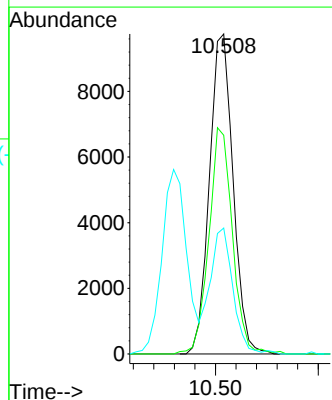
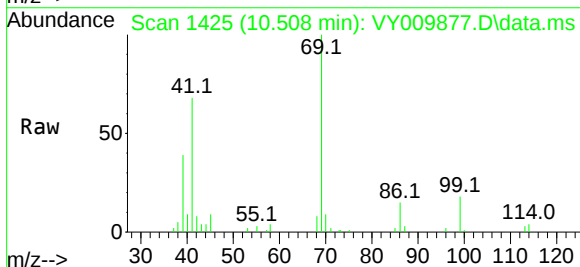
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

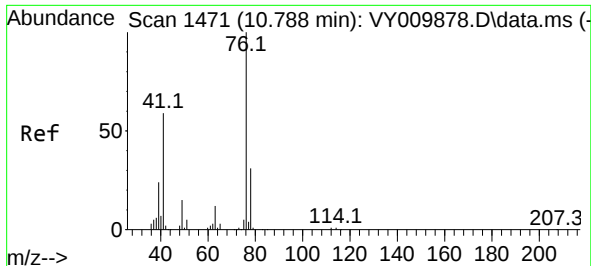
Tgt Ion:	97	Resp:	12665
Ion	Ratio	Lower	Upper
97	100		
83	83.3	66.9	100.3
85	60.1	44.2	66.4
99	61.9	50.0	75.0



#56
Ethyl methacrylate
Concen: 19.664 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion:	69	Resp:	15561
Ion	Ratio	Lower	Upper
69	100		
41	70.4	50.4	75.6
39	38.4	27.6	41.4





#57

1,3-Dichloropropane

Concen: 20.127 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

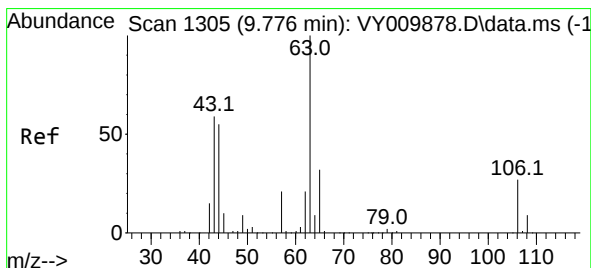
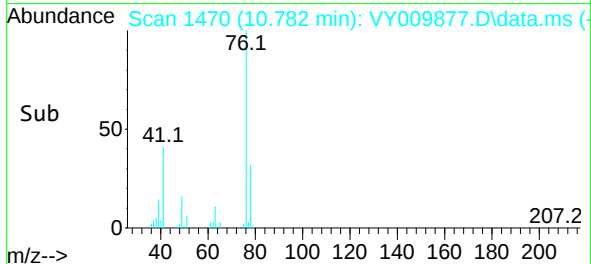
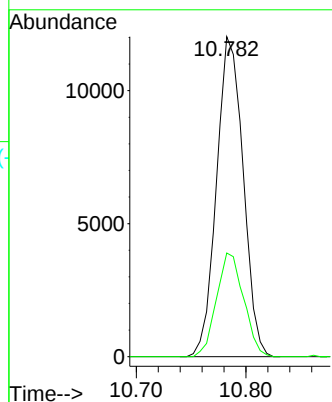
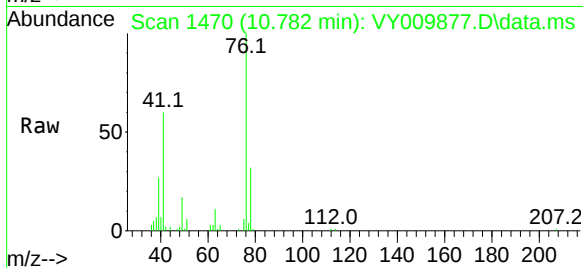
VSTDIC020

Tgt Ion: 76 Resp: 20302

Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 103.192 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009877.D

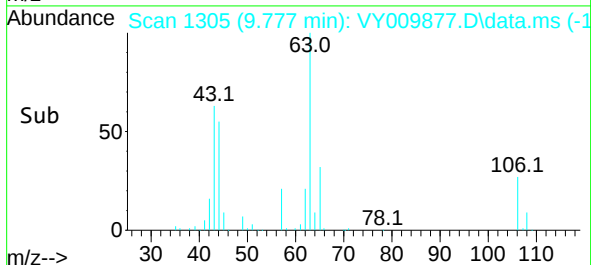
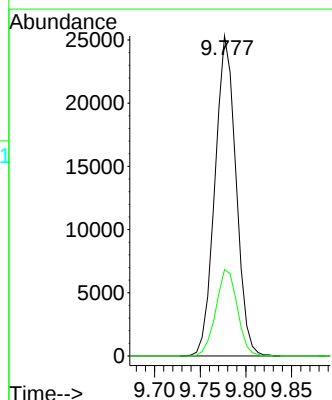
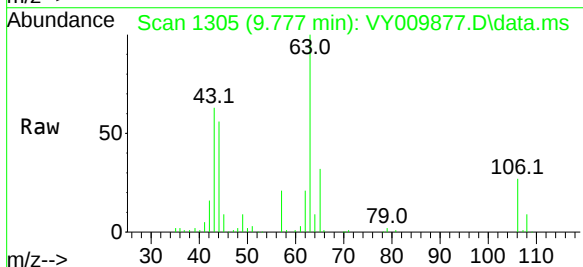
Acq: 08 Aug 2022 16:13

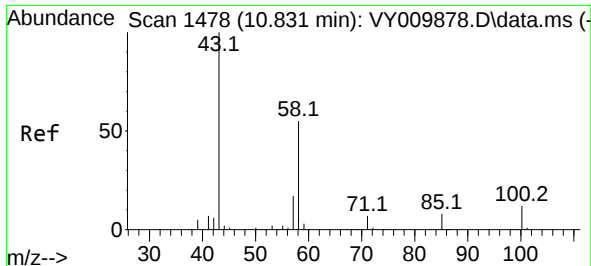
Tgt Ion: 63 Resp: 40551

Ion Ratio Lower Upper

63 100

106 27.6 23.3 34.9

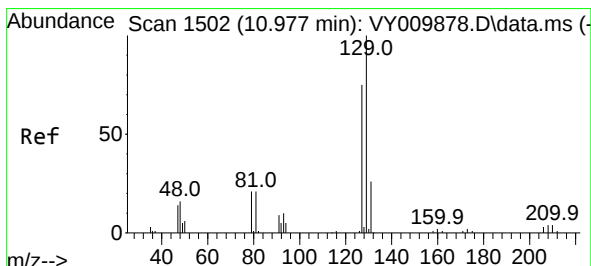
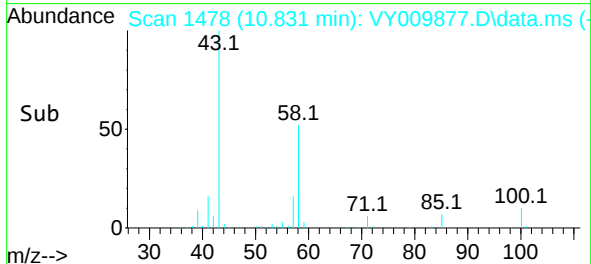
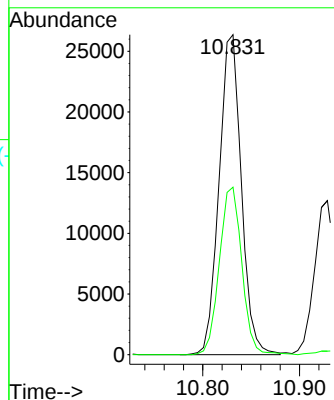
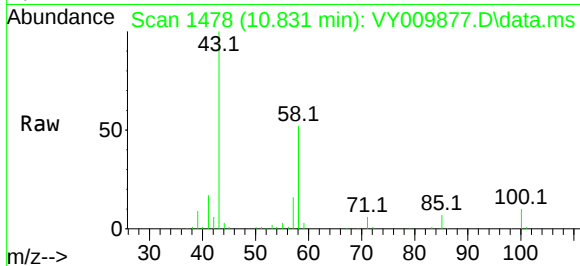




#59
2-Hexanone
Concen: 106.669 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

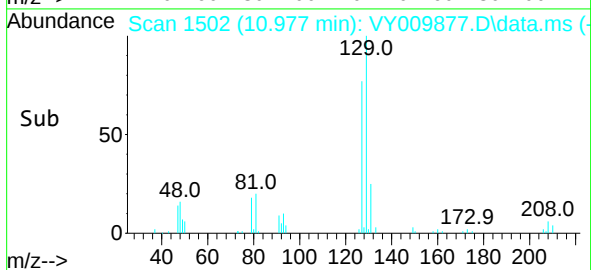
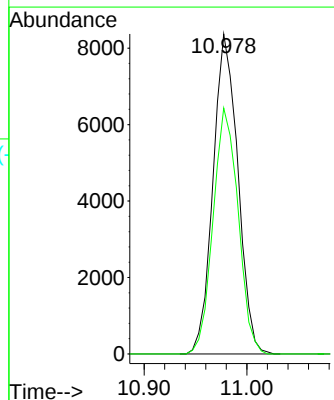
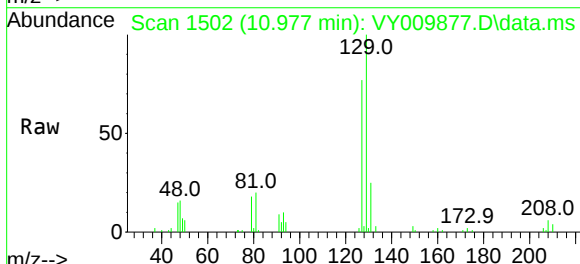
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

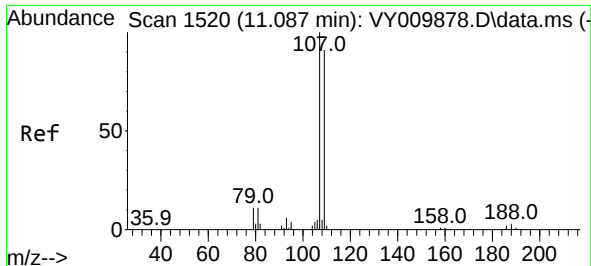
Tgt Ion: 43 Resp: 42102
Ion Ratio Lower Upper
43 100
58 52.8 27.6 82.8



#60
Dibromochloromethane
Concen: 19.725 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion: 129 Resp: 14025
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4

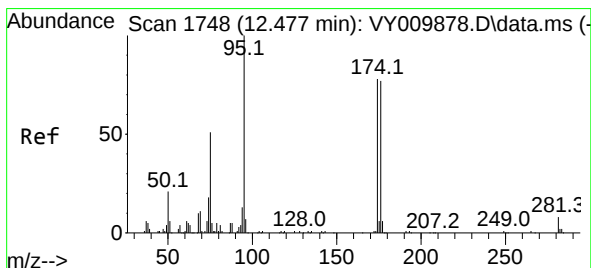
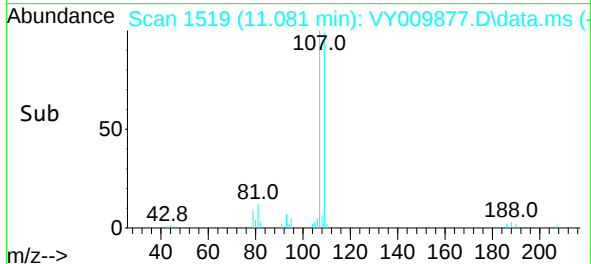
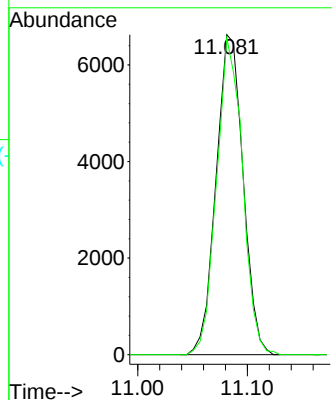
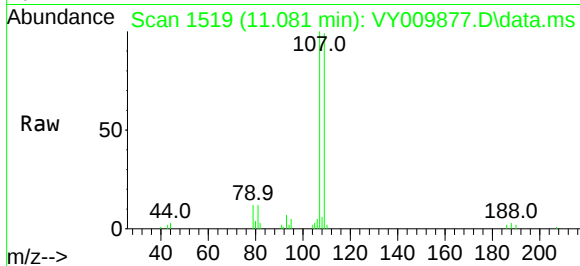




#61
1,2-Dibromoethane
Concen: 19.603 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

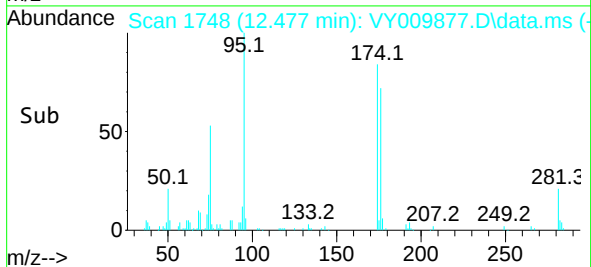
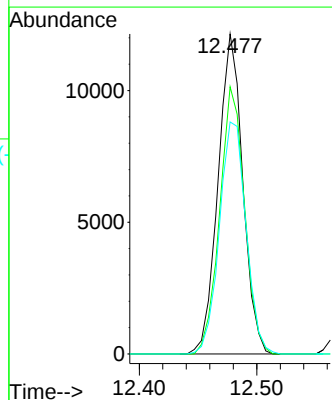
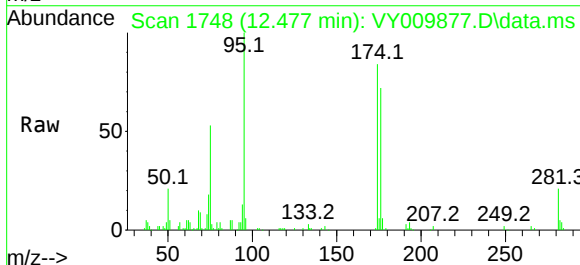
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

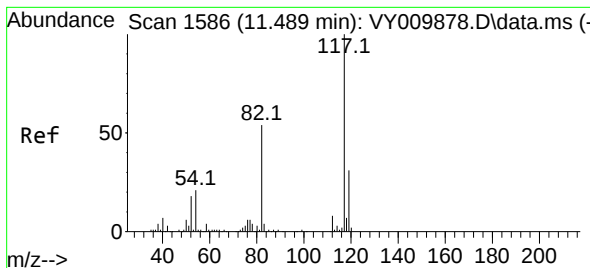
Tgt Ion:107 Resp: 11345
Ion Ratio Lower Upper
107 100
109 95.2 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 20.445 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion: 95 Resp: 17698
Ion Ratio Lower Upper
95 100
174 84.1 0.0 173.8
176 78.3 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

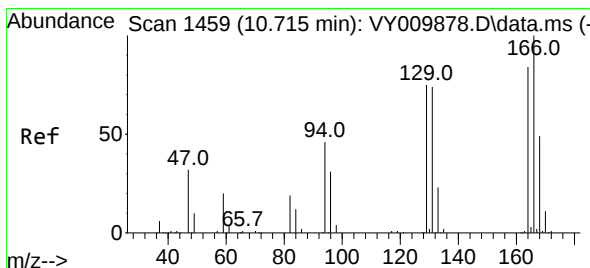
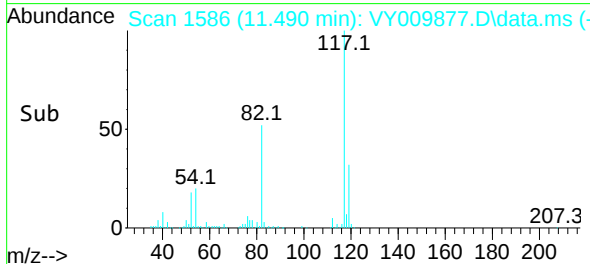
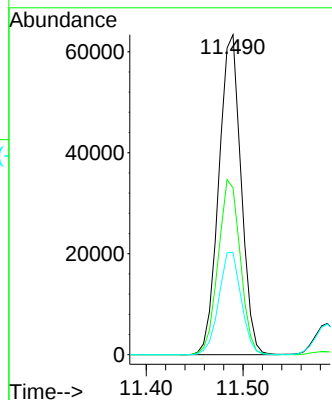
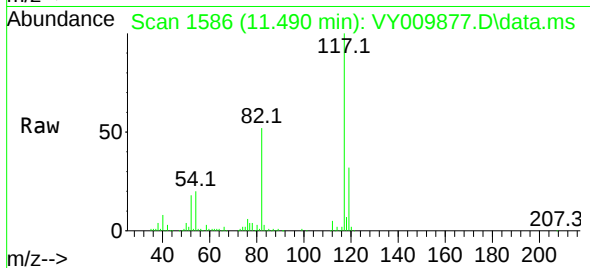
Tgt Ion:117 Resp: 101167

Ion Ratio Lower Upper

117 100

82 52.2 41.8 62.6

119 32.0 25.6 38.4



#64

Tetrachloroethene

Concen: 16.291 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Tgt Ion:164 Resp: 14011

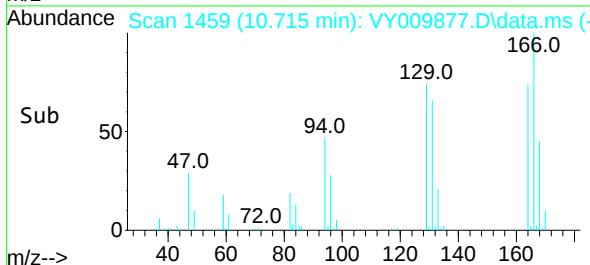
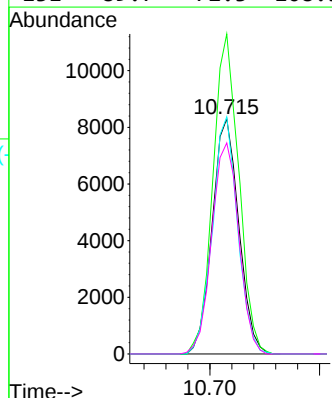
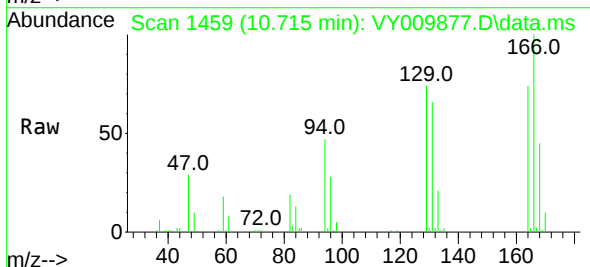
Ion Ratio Lower Upper

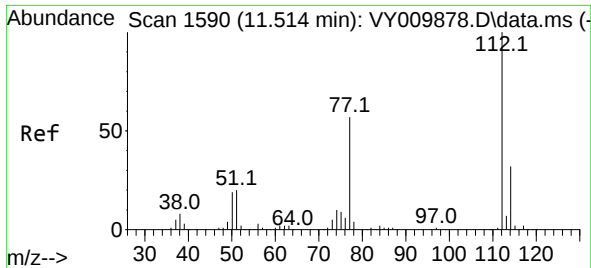
164 100

166 136.0 104.9 157.3

129 100.8 76.5 114.7

131 89.7 72.3 108.5

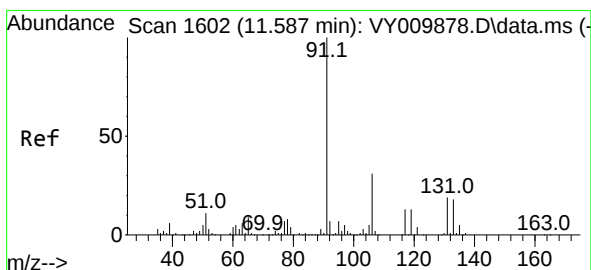
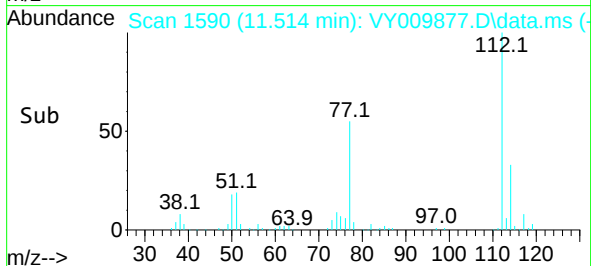
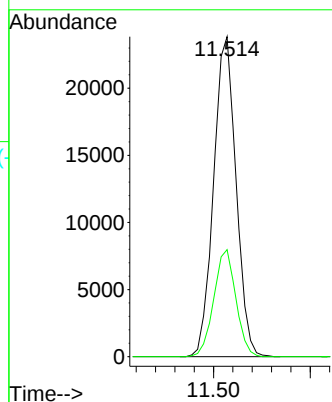
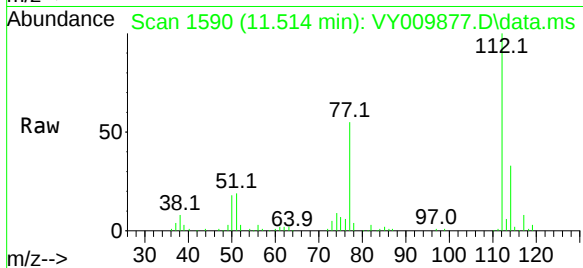




#65
Chlorobenzene
Concen: 19.008 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

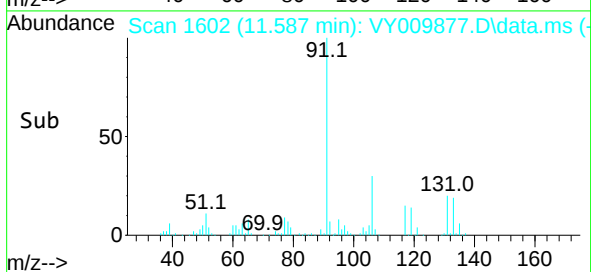
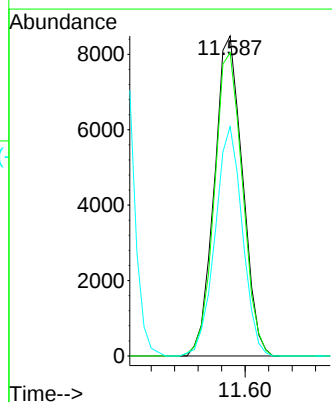
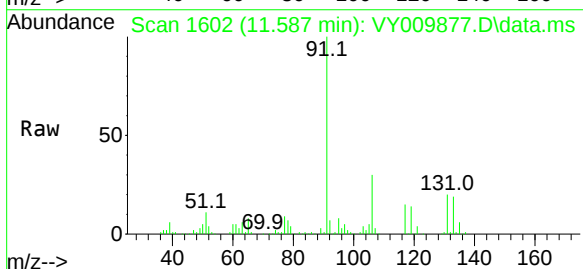
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

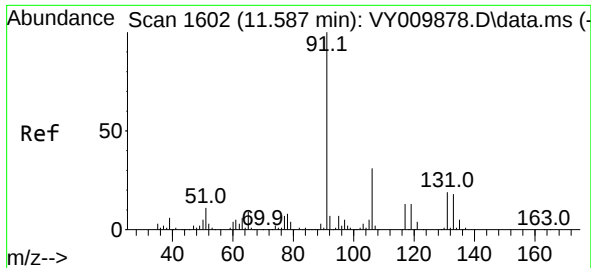
Tgt Ion:112 Resp: 38345
Ion Ratio Lower Upper
112 100
114 33.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.572 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion:131 Resp: 14138
Ion Ratio Lower Upper
131 100
133 94.6 47.3 142.0
119 69.3 32.1 96.3

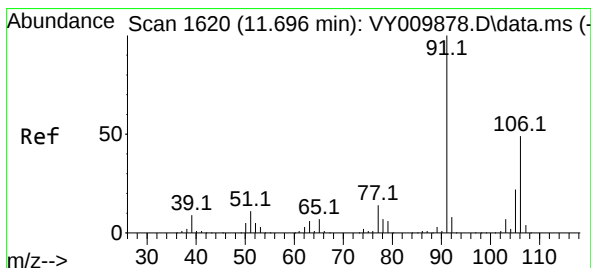
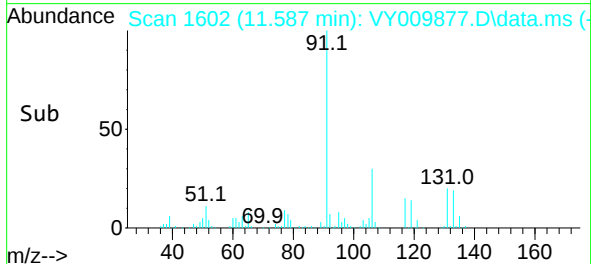
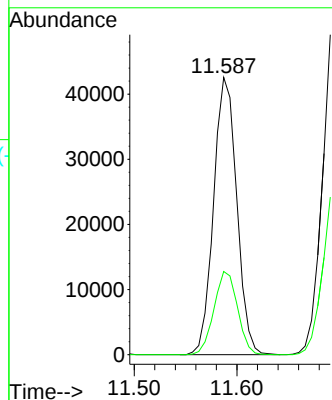
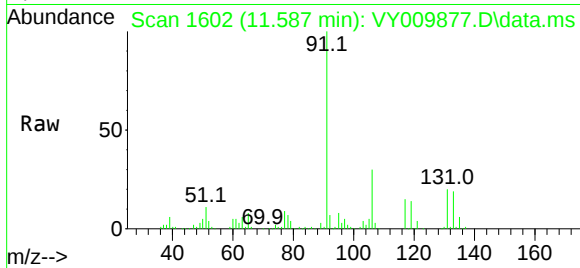




#67
Ethyl Benzene
Concen: 18.553 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

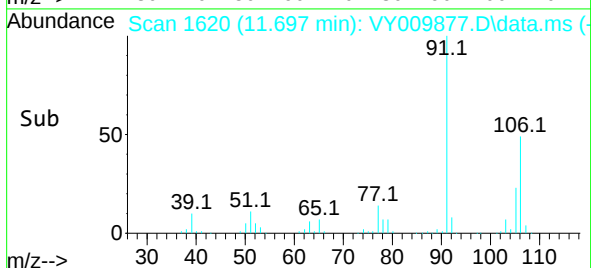
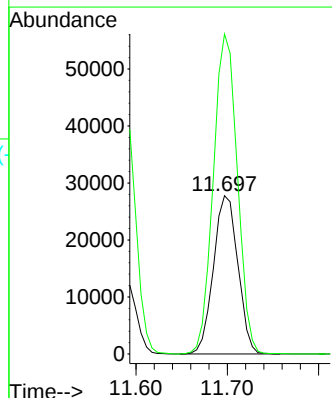
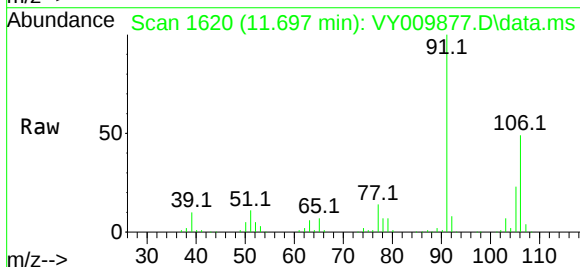
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

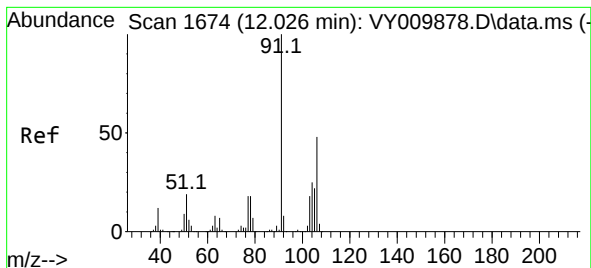
Tgt Ion: 91 Resp: 66627
Ion Ratio Lower Upper
91 100
106 30.0 26.2 39.4



#68
m/p-Xylenes
Concen: 36.824 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion: 106 Resp: 51605
Ion Ratio Lower Upper
106 100
91 199.0 156.2 234.2





#69

o-Xylene

Concen: 17.781 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

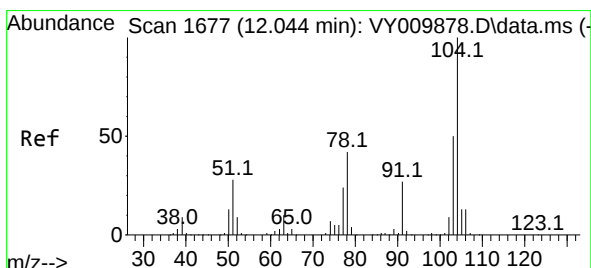
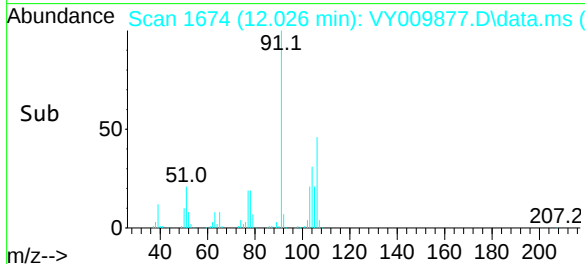
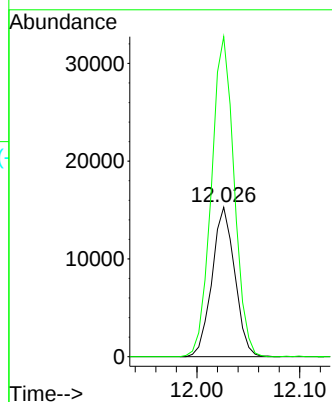
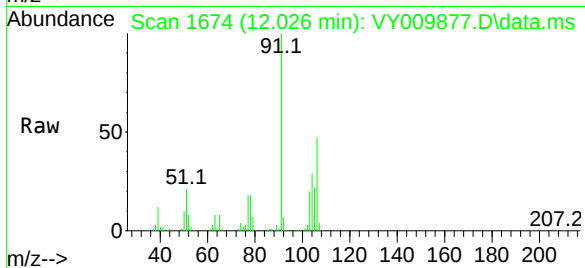
VSTDICC020

Tgt Ion:106 Resp: 23466

Ion Ratio Lower Upper

106 100

91 214.3 103.2 309.4



#70

Styrene

Concen: 18.690 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

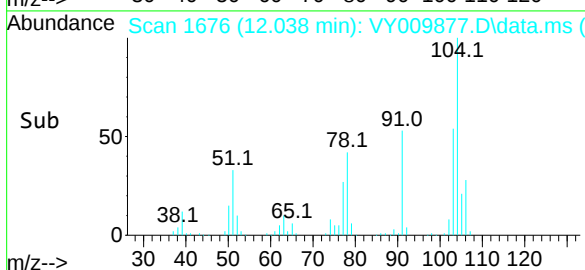
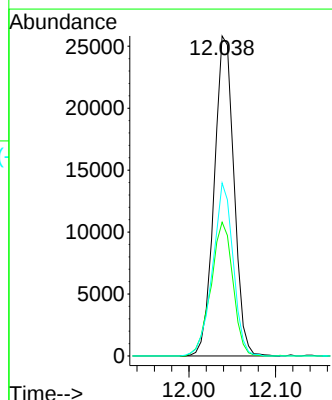
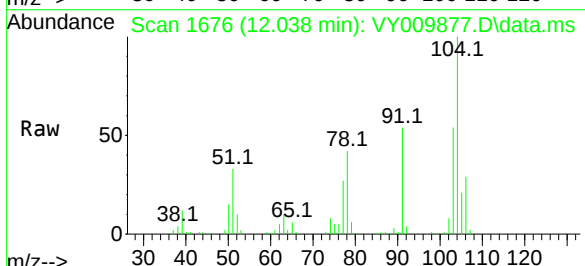
Tgt Ion:104 Resp: 41045

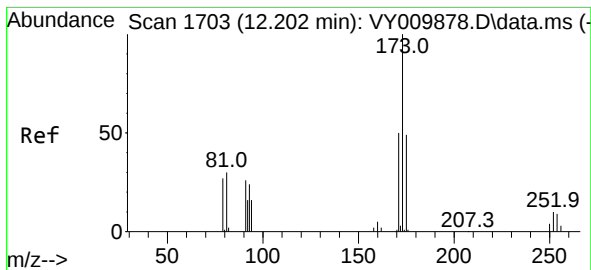
Ion Ratio Lower Upper

104 100

78 46.2 38.6 57.8

103 55.7 43.3 64.9





#71

Bromoform

Concen: 18.282 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

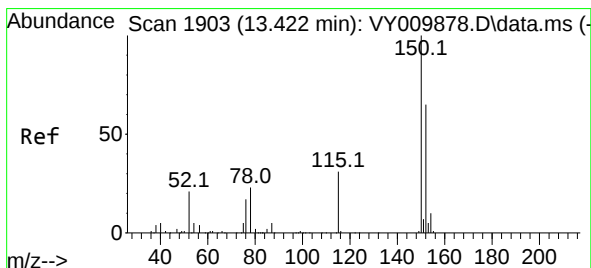
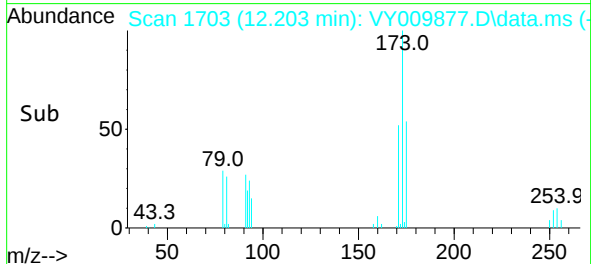
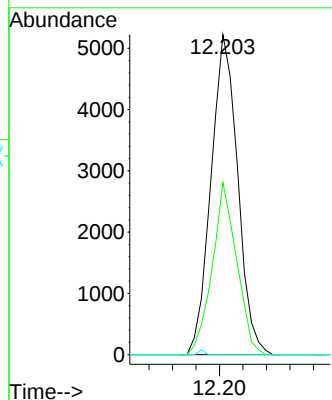
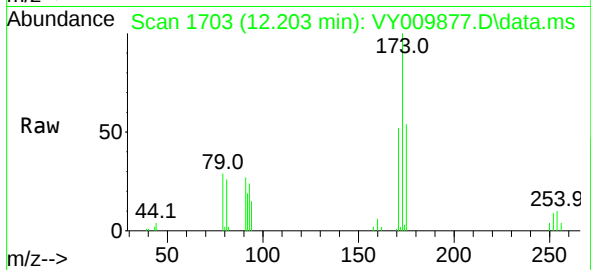
Tgt Ion:173 Resp: 8232

Ion Ratio Lower Upper

173 100

175 49.4 24.4 73.4

254 0.4 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: VY009877.D

Acq: 08 Aug 2022 16:13

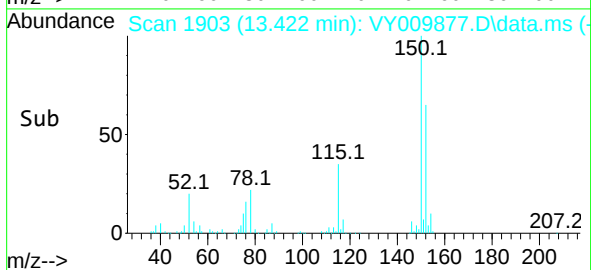
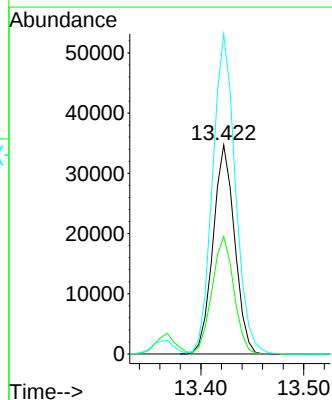
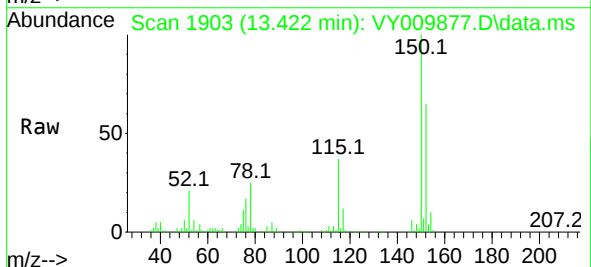
Tgt Ion:152 Resp: 50489

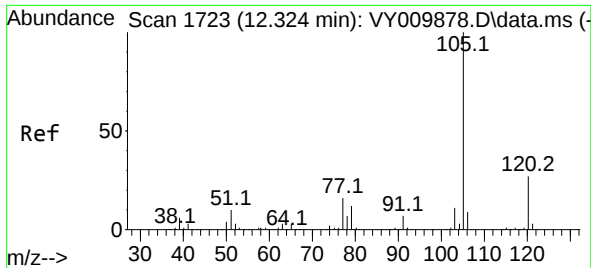
Ion Ratio Lower Upper

152 100

115 56.9 28.6 85.9

150 161.7 0.0 349.8

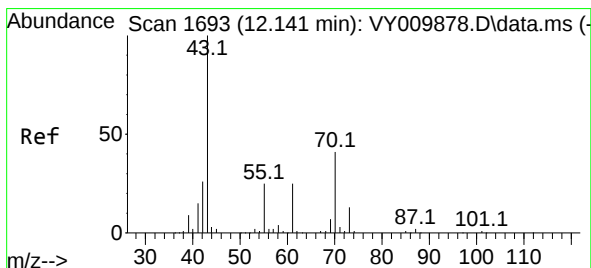
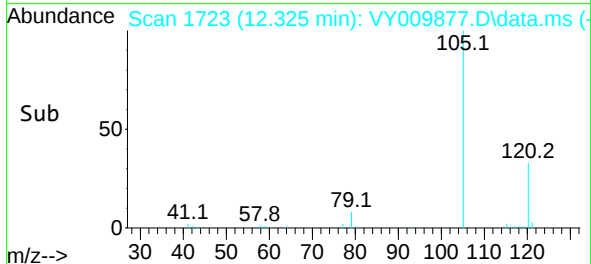
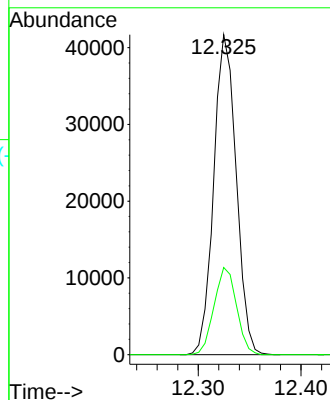
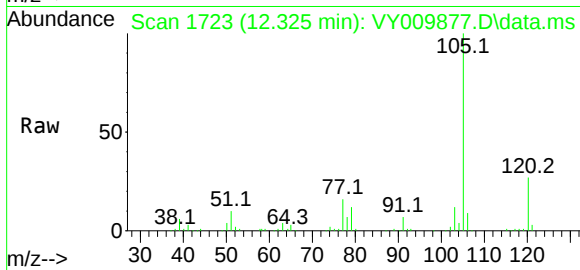




#73
Isopropylbenzene
Concen: 18.127 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

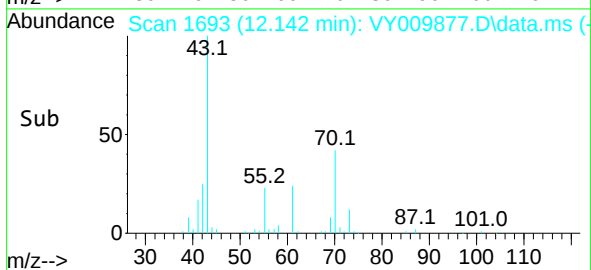
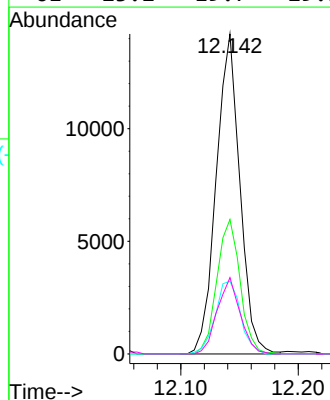
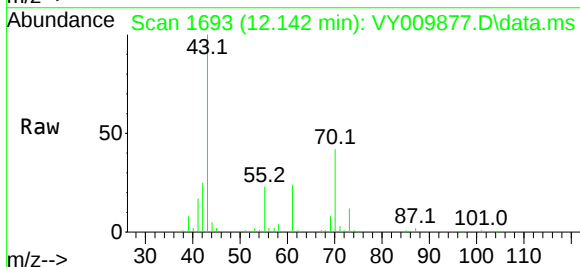
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

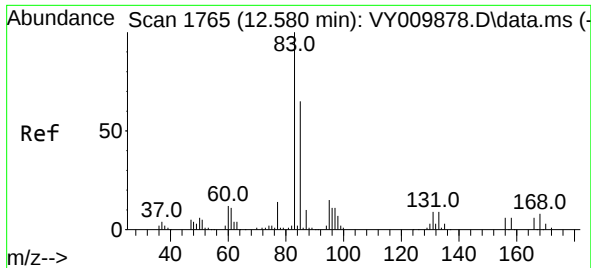
Tgt Ion:105 Resp: 63269
Ion Ratio Lower Upper
105 100
120 27.2 13.7 41.1



#74
N-ethyl acetate
Concen: 20.433 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion: 43 Resp: 19885
Ion Ratio Lower Upper
43 100
70 41.2 35.6 53.4
55 24.4 19.5 29.3
61 23.2 19.7 29.5

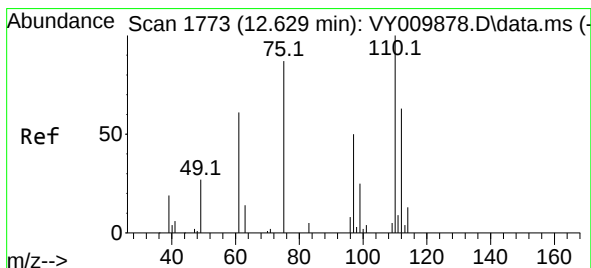
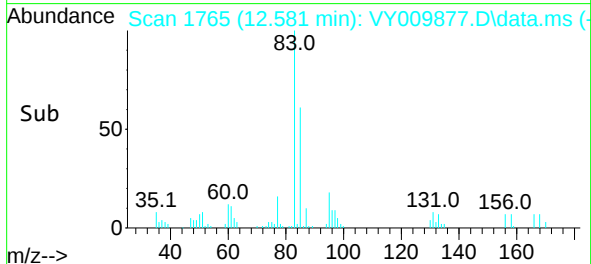
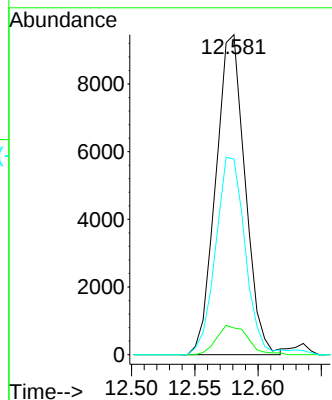
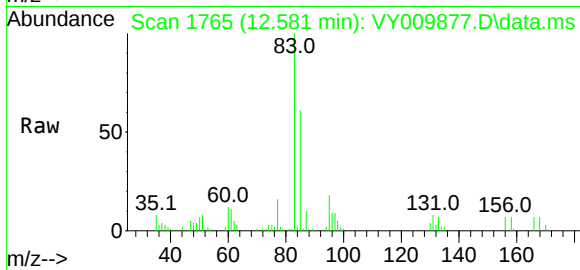




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.599 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY009877.D
 Acq: 08 Aug 2022 16:13

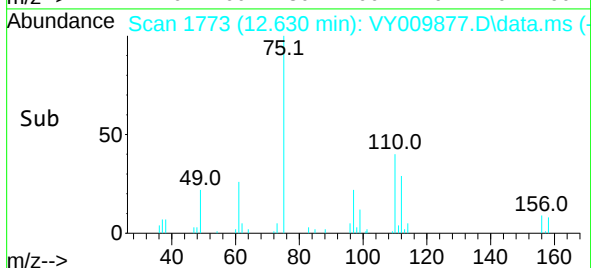
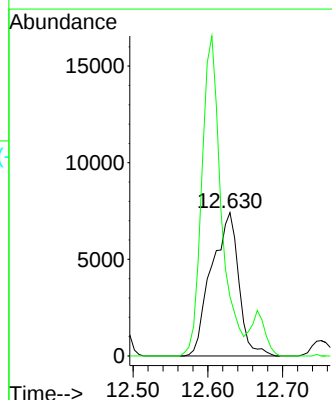
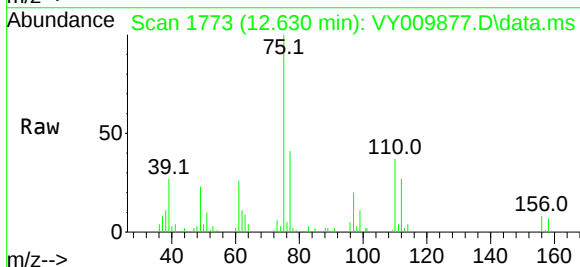
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

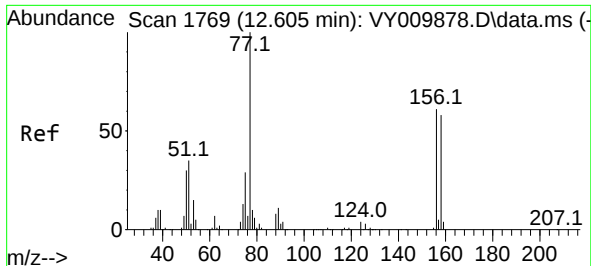
Tgt Ion: 83 Resp: 15229
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.4 16.2
 85 62.3 32.8 98.4



#76
 1,2,3-Trichloropropane
 Concen: 37.316 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY009877.D
 Acq: 08 Aug 2022 16:13

Tgt Ion: 75 Resp: 18828
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

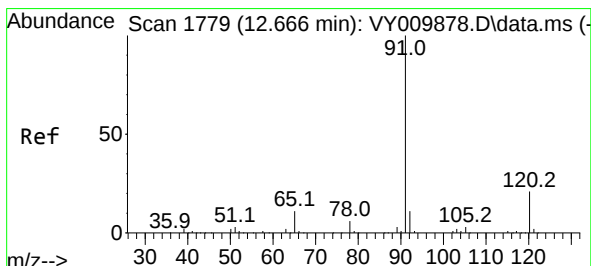
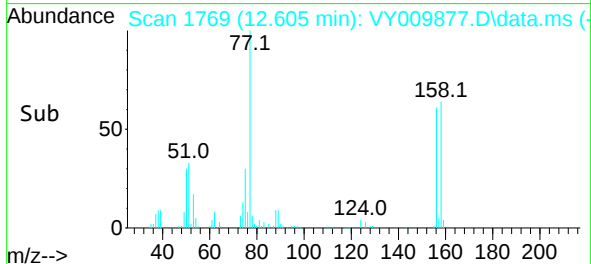
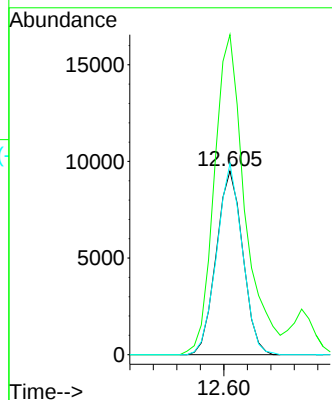
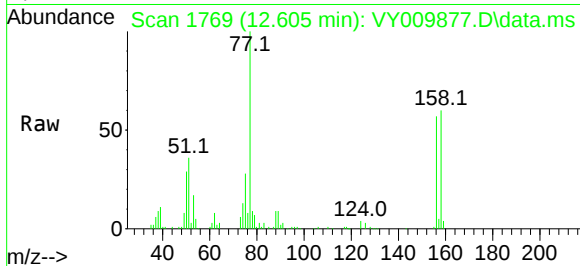




#77
Bromobenzene
Concen: 17.546 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

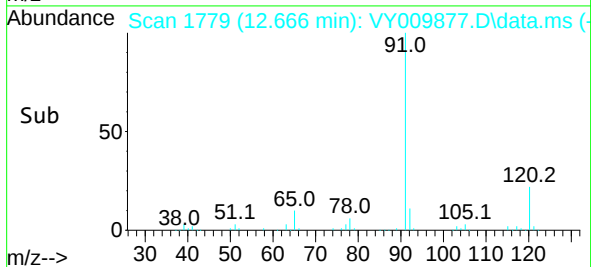
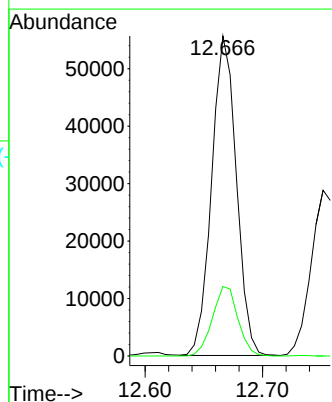
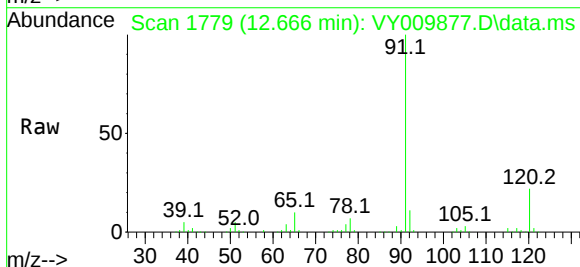
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

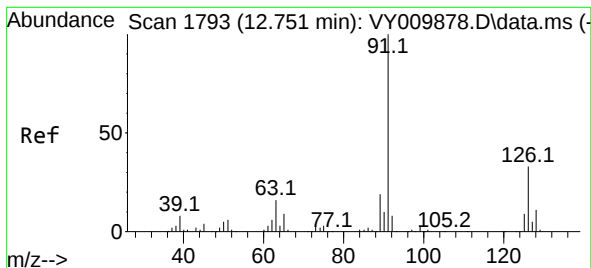
Tgt Ion:156 Resp: 14917
Ion Ratio Lower Upper
156 100
77 200.7 88.1 264.3
158 100.5 48.6 145.8



#78
n-propylbenzene
Concen: 18.697 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion: 91 Resp: 81329
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5





#79

2-Chlorotoluene

Concen: 19.143 ug/l

RT: 12.752 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

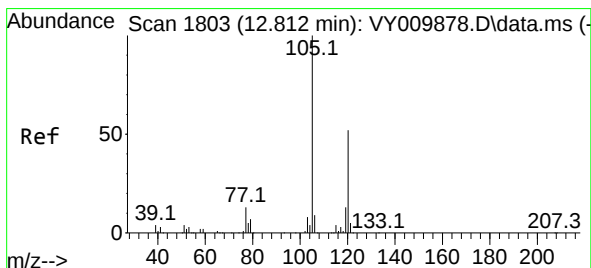
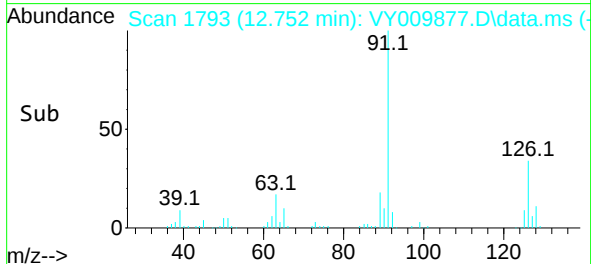
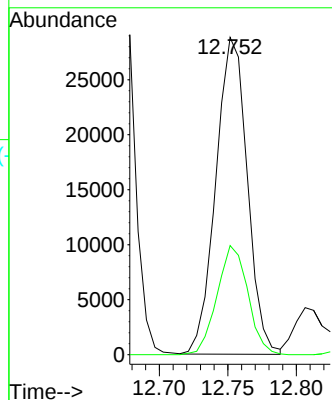
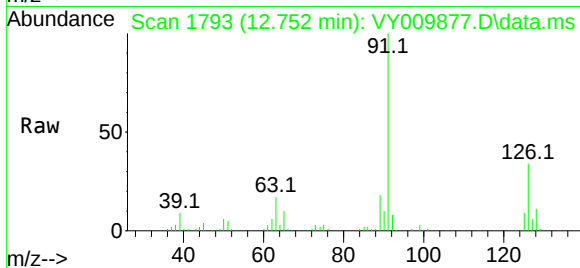
VSTDIC020

Tgt Ion: 91 Resp: 46053

Ion Ratio Lower Upper

91 100

126 33.6 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 18.401 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY009877.D

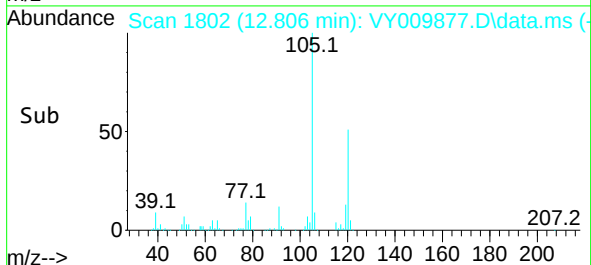
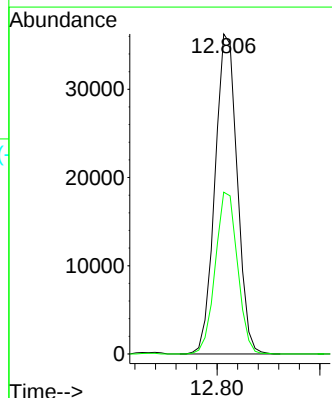
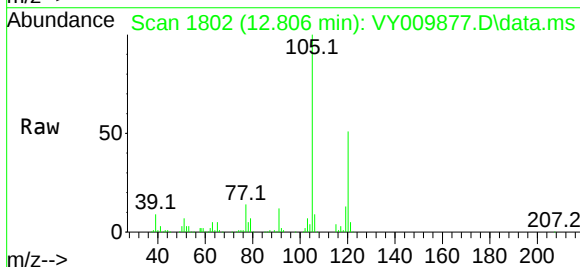
Acq: 08 Aug 2022 16:13

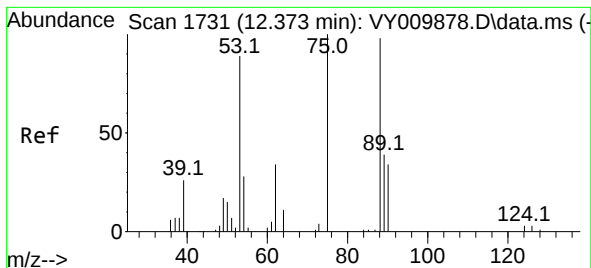
Tgt Ion: 105 Resp: 54327

Ion Ratio Lower Upper

105 100

120 50.7 25.3 75.8

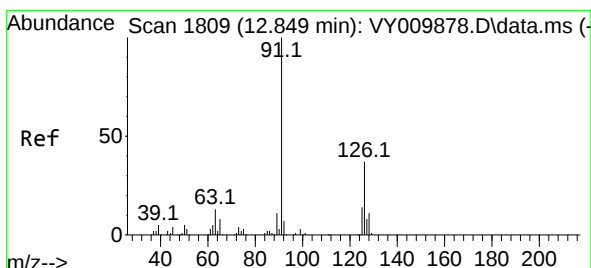
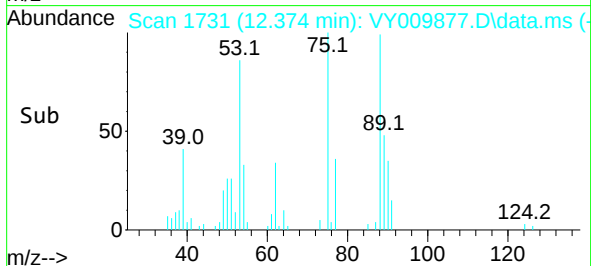
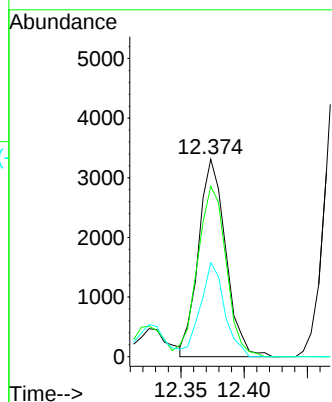
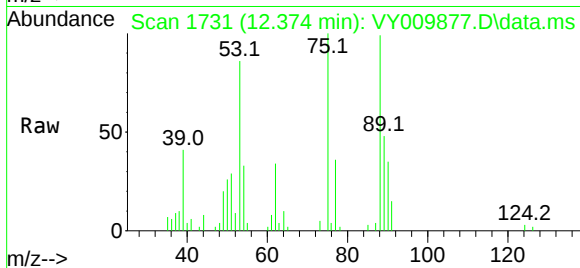




#81
trans-1,4-Dichloro-2-butene
Concen: 19.560 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

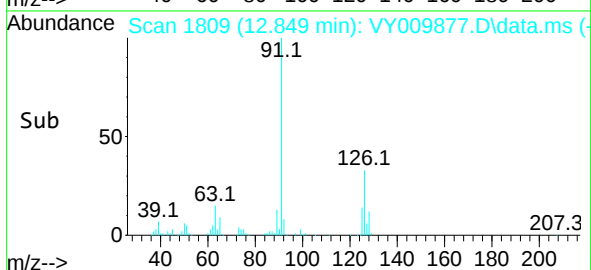
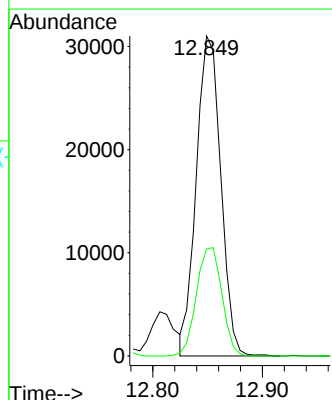
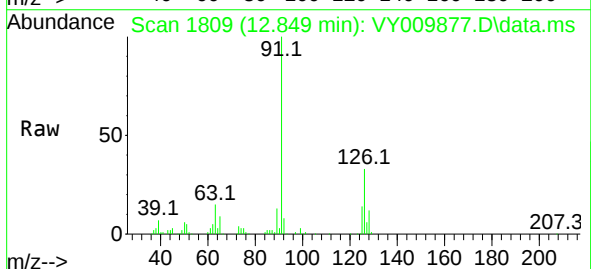
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

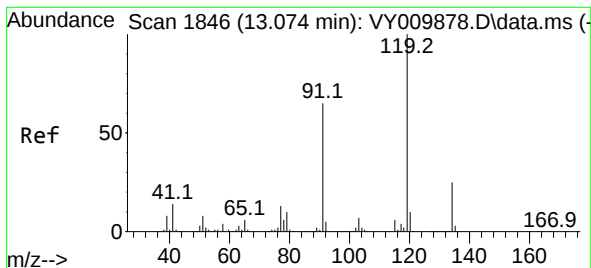
Tgt Ion: 75 Resp: 4970
Ion Ratio Lower Upper
75 100
53 90.2 71.4 107.2
89 42.5 38.1 57.1



#82
4-Chlorotoluene
Concen: 19.158 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion: 91 Resp: 48176
Ion Ratio Lower Upper
91 100
126 35.2 18.0 54.0





#83

tert-Butylbenzene

Concen: 17.730 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

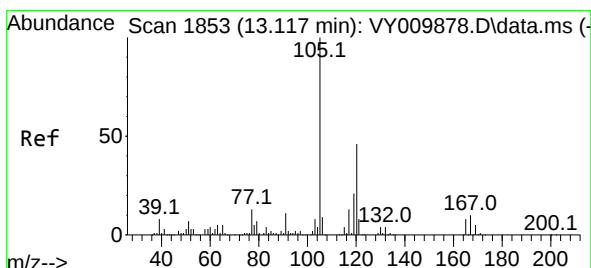
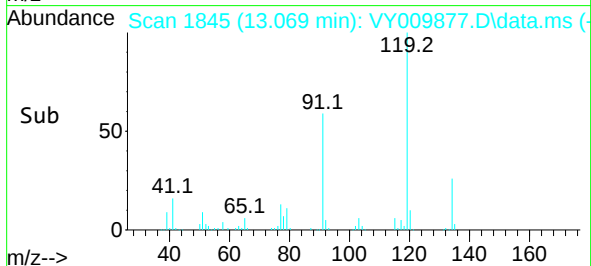
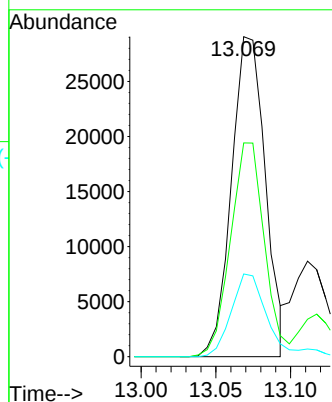
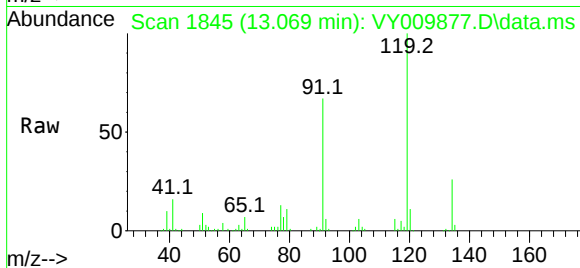
Tgt Ion:119 Resp: 45765

Ion Ratio Lower Upper

119 100

91 67.0 32.0 96.0

134 28.0 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 18.810 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009877.D

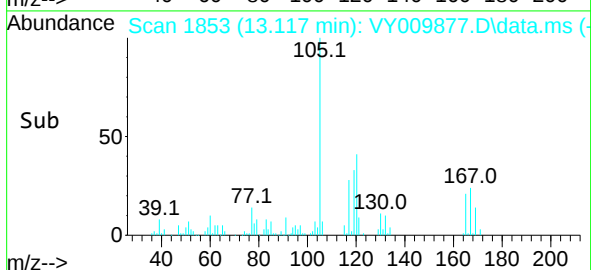
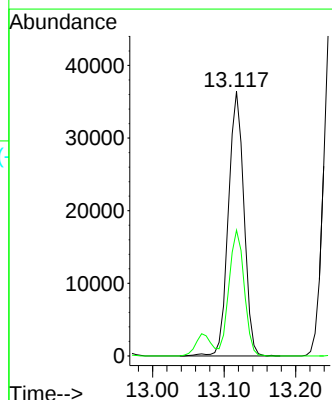
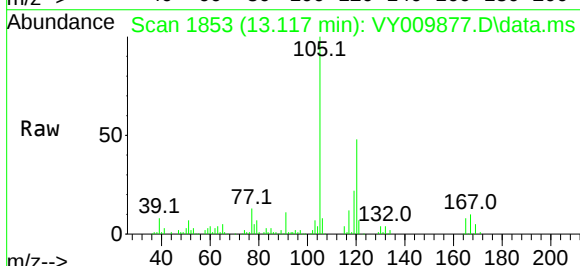
Acq: 08 Aug 2022 16:13

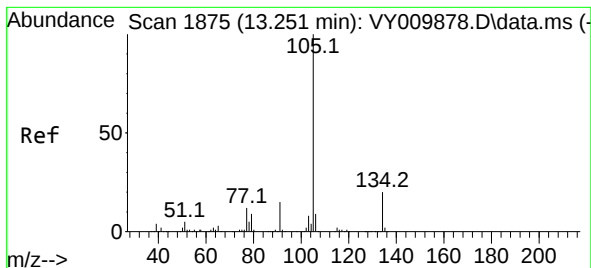
Tgt Ion:105 Resp: 54786

Ion Ratio Lower Upper

105 100

120 46.4 23.4 70.3





#85

sec-Butylbenzene

Concen: 19.008 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

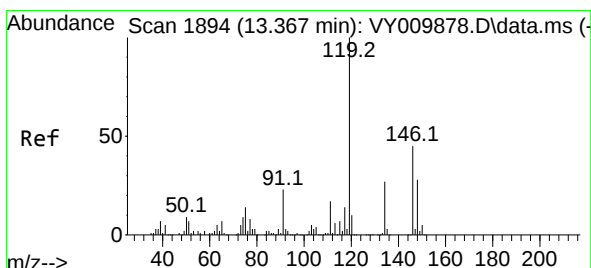
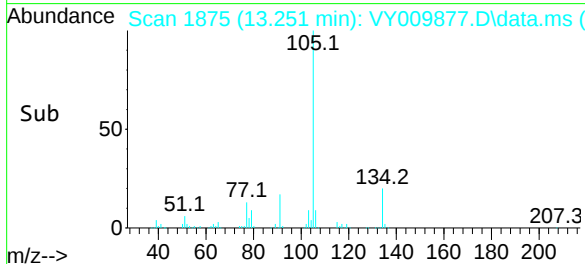
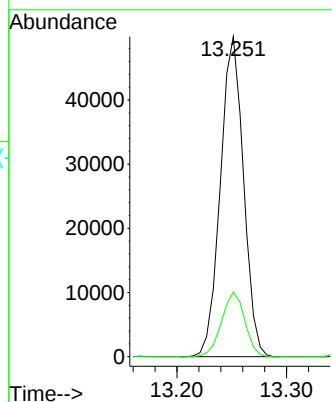
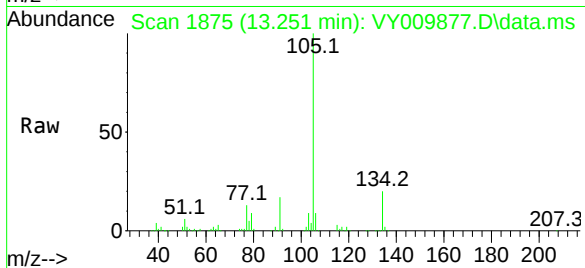
VSTDIC020

Tgt Ion:105 Resp: 73019

Ion Ratio Lower Upper

105 100

134 20.2 10.5 31.6



#86

p-Isopropyltoluene

Concen: 18.963 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

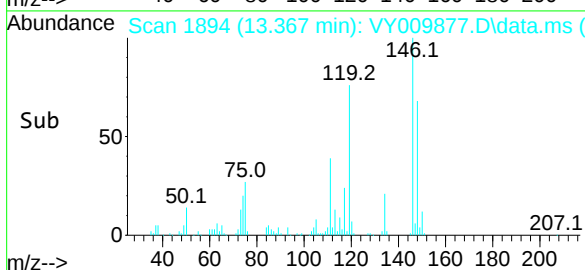
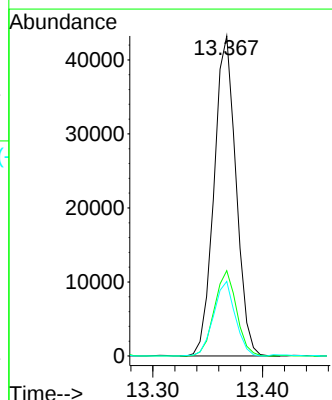
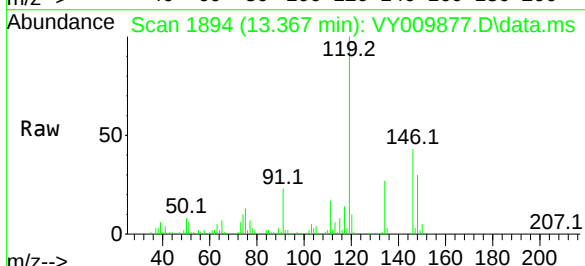
Tgt Ion:119 Resp: 60085

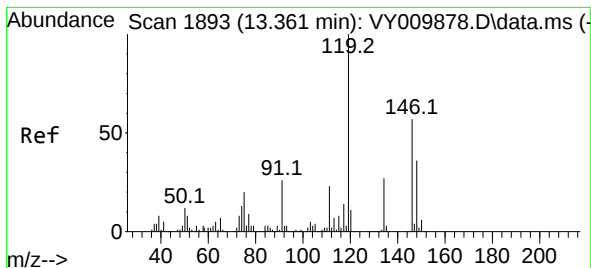
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 23.0 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 19.269 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

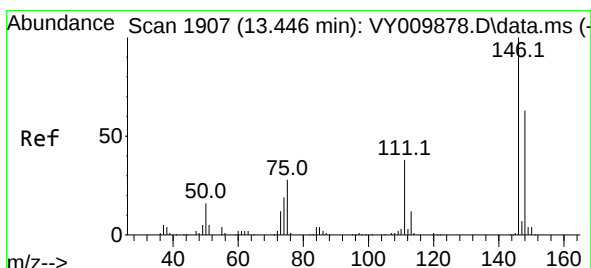
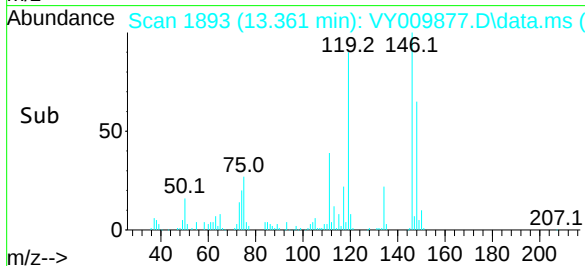
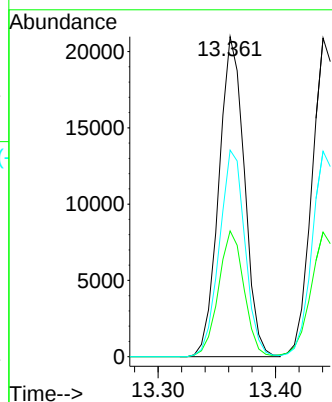
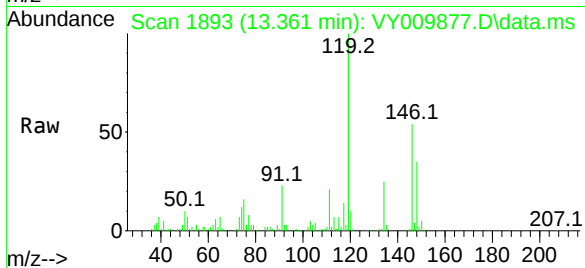
Tgt Ion:146 Resp: 31678

Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.3

148 64.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.495 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

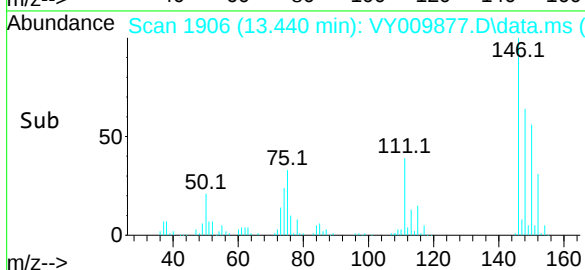
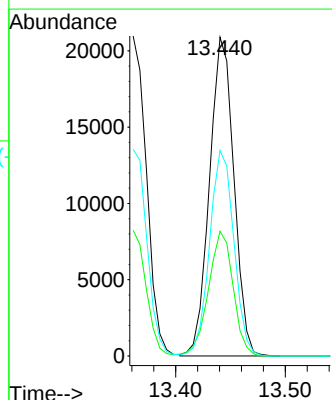
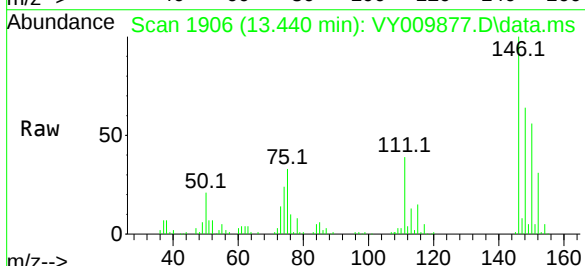
Tgt Ion:146 Resp: 32367

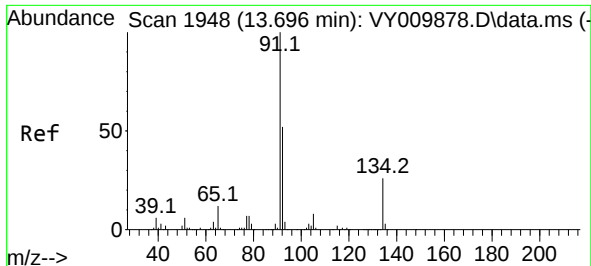
Ion Ratio Lower Upper

146 100

111 39.5 18.9 56.9

148 64.3 31.6 95.0

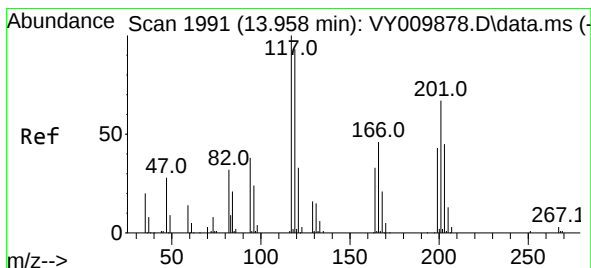
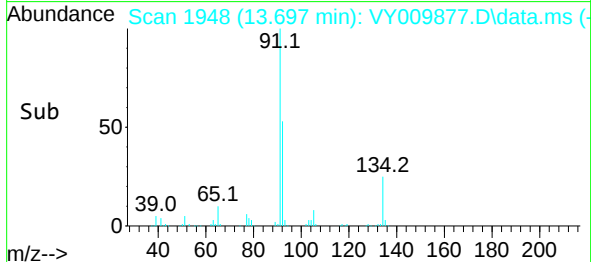
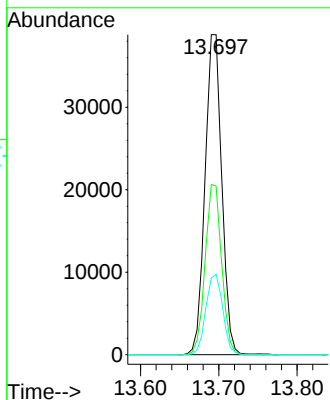
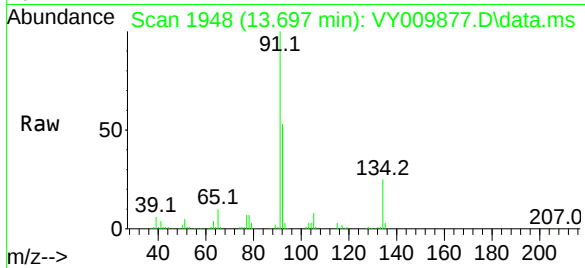




#89
n-Butylbenzene
Concen: 19.232 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

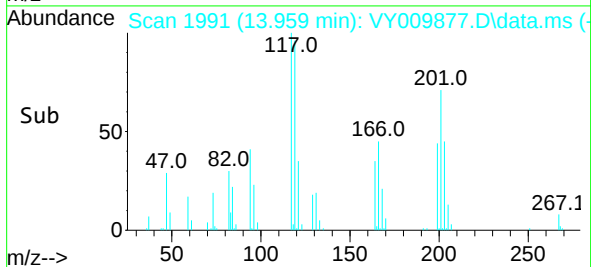
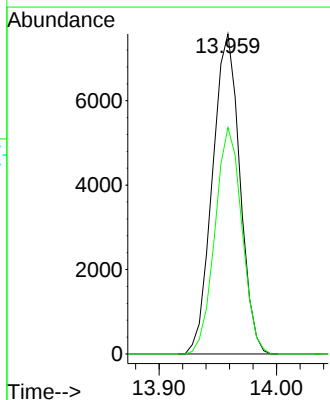
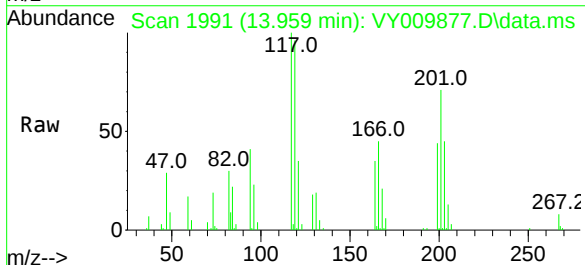
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

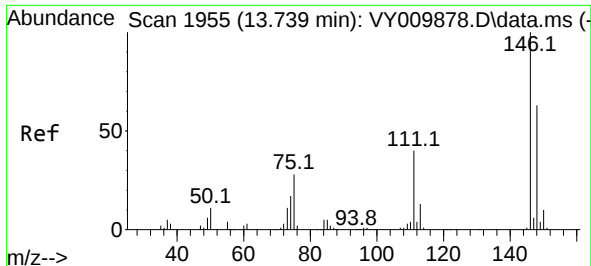
Tgt Ion: 91 Resp: 57520
Ion Ratio Lower Upper
91 100
92 52.3 26.9 80.7
134 25.2 14.0 41.9



#90
Hexachloroethane
Concen: 20.372 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009877.D
Acq: 08 Aug 2022 16:13

Tgt Ion: 117 Resp: 12280
Ion Ratio Lower Upper
117 100
201 69.7 38.8 116.3





#91

1,2-Dichlorobenzene

Concen: 19.503 ug/l

RT: 13.733 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

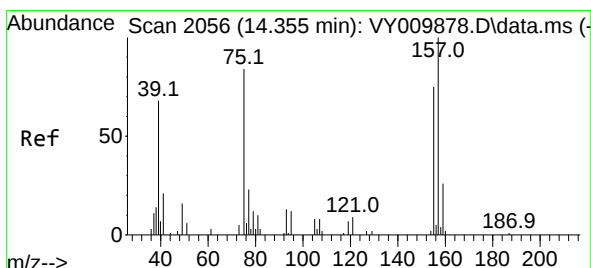
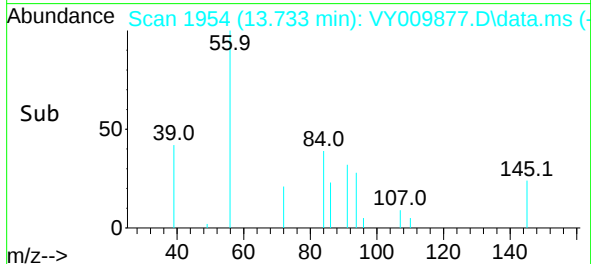
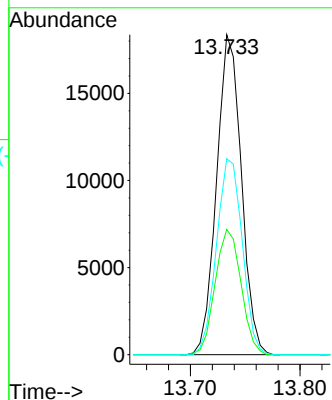
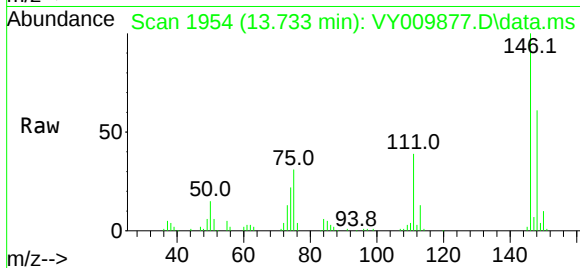
Tgt Ion:146 Resp: 28880

Ion Ratio Lower Upper

146 100

111 40.8 19.7 59.1

148 63.8 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.058 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

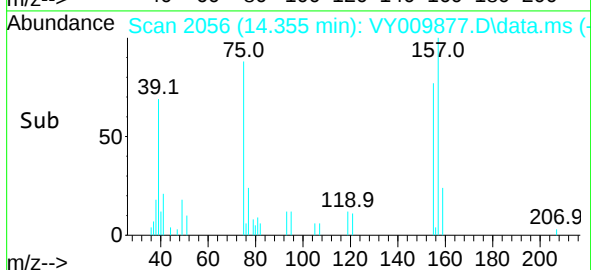
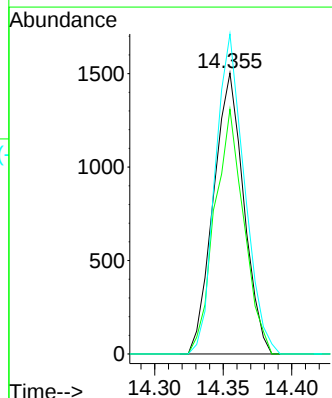
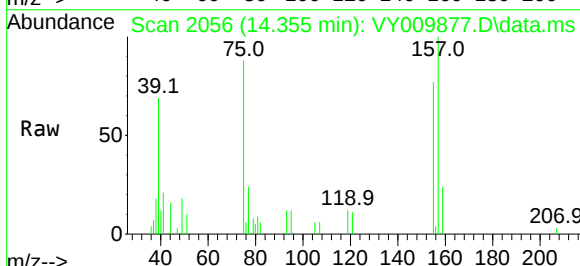
Tgt Ion: 75 Resp: 2306

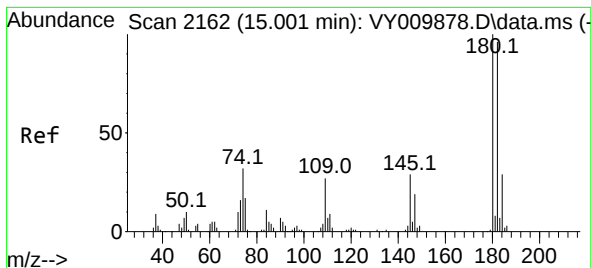
Ion Ratio Lower Upper

75 100

155 84.1 46.4 139.1

157 109.5 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 18.352 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.007 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

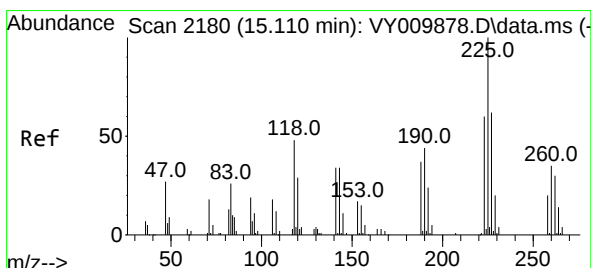
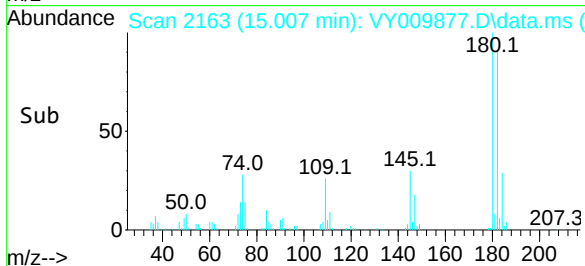
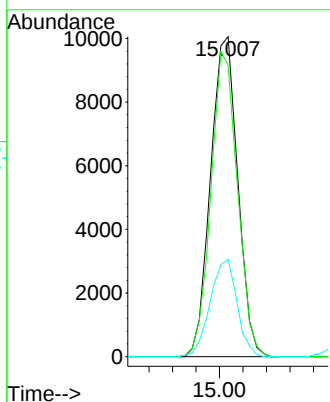
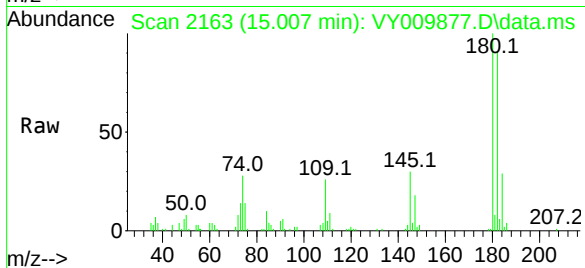
Tgt Ion:180 Resp: 16153

Ion Ratio Lower Upper

180 100

182 93.2 47.3 141.9

145 30.1 15.1 45.3



#94

Hexachlorobutadiene

Concen: 19.300 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

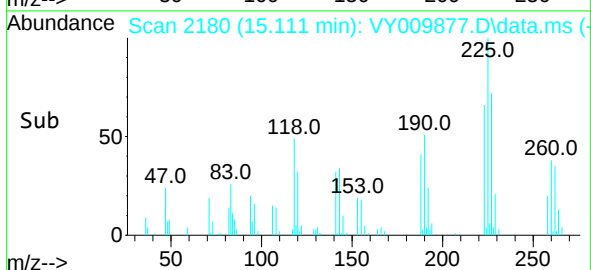
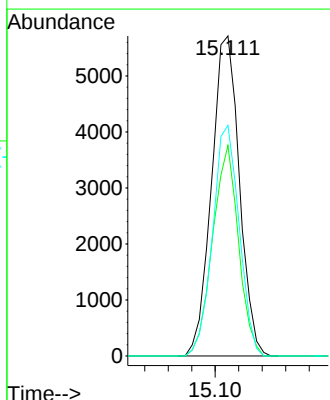
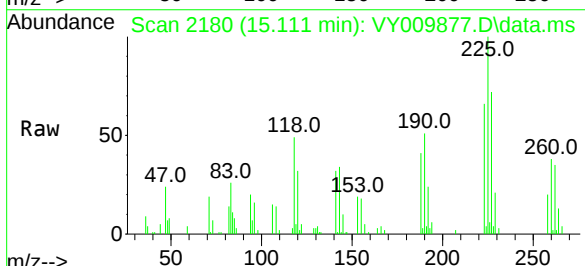
Tgt Ion:225 Resp: 9403

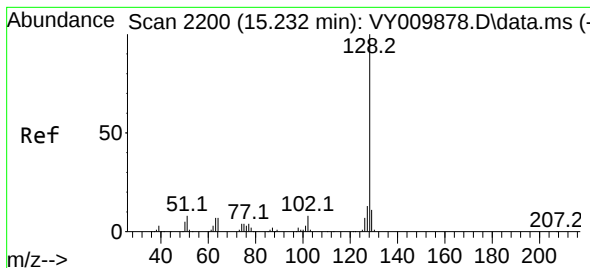
Ion Ratio Lower Upper

225 100

223 61.1 30.8 92.3

227 68.7 31.9 95.5





#95

Naphthalene

Concen: 17.803 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

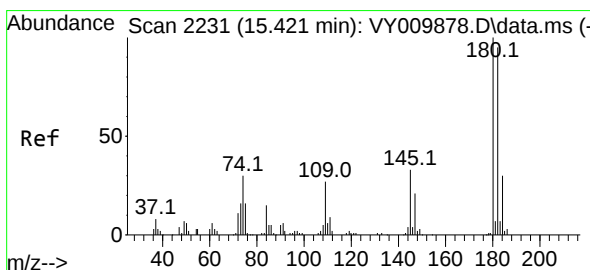
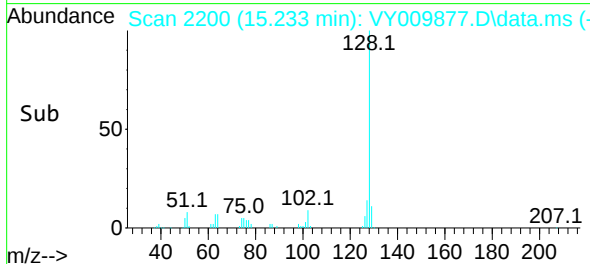
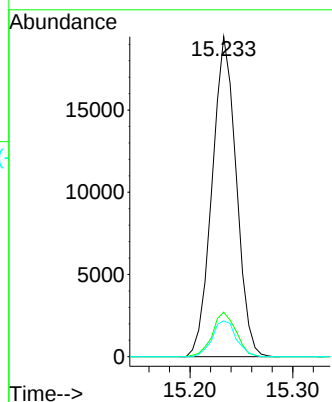
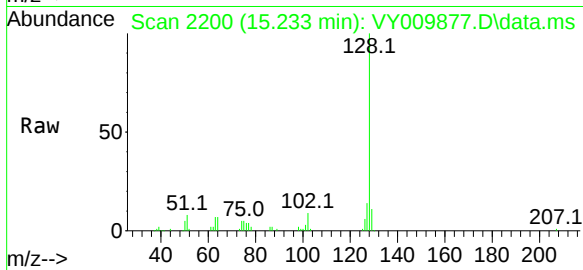
Tgt Ion:128 Resp: 31758

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.726 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009877.D

Acq: 08 Aug 2022 16:13

Tgt Ion:180 Resp: 14287

Ion Ratio Lower Upper

180 100

182 92.8 47.0 141.0

145 32.0 15.6 46.7

