

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009880.D
 Acq On : 08 Aug 2022 17:24
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 08 17:44:24 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	7.777	168	75030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	126130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	113570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54584	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81039	123.257	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 246.520%#	
35) Dibromofluoromethane	7.710	113	89792	132.365	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 264.740%#	
50) Toluene-d8	10.173	98	279326	114.892	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 229.780%#	
62) 4-Bromofluorobenzene	12.477	95	136509	139.266	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 278.540%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	89125	141.976	ug/l	99
3) Chloromethane	2.101	50	109766	146.356	ug/l	97
4) Vinyl Chloride	2.235	62	112282	139.268	ug/l	98
5) Bromomethane	2.613	94	66591	125.781	ug/l	98
6) Chloroethane	2.772	64	65057	153.786	ug/l	99
7) Trichlorofluoromethane	3.101	101	187249	174.803	ug/l	99
8) Diethyl Ether	3.515	74	68208	171.637	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.881	101	110338	151.222	ug/l	96
10) Methyl Iodide	4.070	142	143506	150.738	ug/l	98
11) Tert butyl alcohol	4.960	59	57313	373.338	ug/l #	95
12) 1,1-Dichloroethene	3.851	96	108193	152.176	ug/l	96
13) Acrolein	3.716	56	3832	65.185	ug/l	97
14) Allyl chloride	4.460	41	201635	160.598	ug/l	97
15) Acrylonitrile	5.149	53	184729	840.624	ug/l	99
16) Acetone	3.936	43	138427	697.811	ug/l	93
17) Carbon Disulfide	4.174	76	362853	155.483	ug/l	98
18) Methyl Acetate	4.460	43	91451	163.765	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	307952	155.539	ug/l	99
20) Methylene Chloride	4.692	84	131532	130.046	ug/l	96
21) trans-1,2-Dichloroethene	5.198	96	127658	153.336	ug/l	97
22) Diisopropyl ether	6.106	45	419112	166.465	ug/l	98
23) Vinyl Acetate	6.045	43	1386606	857.413	ug/l	97
24) 1,1-Dichloroethane	6.003	63	218542	153.610	ug/l	98
25) 2-Butanone	6.972	43	244293	807.063	ug/l	97
26) 2,2-Dichloropropane	6.966	77	188597	143.359	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	141363	154.077	ug/l	99
28) Bromochloromethane	7.319	49	71872	124.123	ug/l	94
29) Tetrahydrofuran	7.338	42	169136	870.607	ug/l	98
30) Chloroform	7.496	83	222171	154.653	ug/l	98
31) Cyclohexane	7.771	56	214026	152.589	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	193969	153.763	ug/l	99
36) 1,1-Dichloropropene	7.905	75	172931	149.395	ug/l	98
37) Ethyl Acetate	7.063	43	110642	164.278	ug/l	99
38) Carbon Tetrachloride	7.893	117	174406	147.571	ug/l	99
39) Methylcyclohexane	9.179	83	219636	152.868	ug/l	97
40) Benzene	8.149	78	508966	149.168	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	151395	413.532	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	142205	149.310	ug/l	99
43) Isopropyl Acetate	8.264	43	203568	163.644	ug/l	97
44) Trichloroethene	8.929	130	134783	143.445	ug/l	98
45) 1,2-Dichloropropane	9.209	63	128566	152.738	ug/l	96
46) Dibromomethane	9.301	93	74087	152.280	ug/l	96
47) Bromodichloromethane	9.490	83	172276	153.177	ug/l	99
48) Methyl methacrylate	9.289	41	95146	172.440	ug/l	92
49) 1,4-Dioxane	9.289	88	19985	3106.153	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	554576	865.067	ug/l	98
52) Toluene	10.240	92	319587	151.326	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	183810	154.251	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	207534	152.618	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	101506	150.812	ug/l	98
56) Ethyl methacrylate	10.508	69	153782	171.614	ug/l	95
57) 1,3-Dichloropropane	10.788	76	175631	153.767	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	304125	683.463	ug/l	97
59) 2-Hexanone	10.831	43	390501	873.731	ug/l	98
60) Dibromochloromethane	10.977	129	120514	149.685	ug/l	100
61) 1,2-Dibromoethane	11.087	107	100984	154.094	ug/l	98
64) Tetrachloroethene	10.715	164	121180	125.513	ug/l	97
65) Chlorobenzene	11.514	112	332005	146.607	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	117071	144.365	ug/l	98
67) Ethyl Benzene	11.587	91	604979	150.065	ug/l	96
68) m/p-Xylenes	11.697	106	459991	292.388	ug/l	94
69) o-Xylene	12.026	106	219634	148.248	ug/l	94
70) Styrene	12.038	104	384623	156.014	ug/l	99
71) Bromoform	12.203	173	74927	148.231	ug/l #	100
73) Isopropylbenzene	12.325	105	584578	154.924	ug/l	99
74) N-amyl acetate	12.142	43	198771	188.925	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	122002	167.465	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	163975	300.609	ug/l #	100
77) Bromobenzene	12.605	156	132839	144.525	ug/l	90
78) n-propylbenzene	12.666	91	731750	155.608	ug/l	97
79) 2-Chlorotoluene	12.751	91	406244	156.199	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	484681	151.846	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	46073	167.725	ug/l	97
82) 4-Chlorotoluene	12.849	91	423387	155.733	ug/l	97
83) tert-Butylbenzene	13.075	119	421496	151.046	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	475159	150.898	ug/l	98
85) sec-Butylbenzene	13.251	105	636007	153.138	ug/l	98
86) p-Isopropyltoluene	13.367	119	515319	150.432	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	255750	143.894	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	262386	146.179	ug/l	99
89) n-Butylbenzene	13.696	91	512675	158.556	ug/l	98
90) Hexachloroethane	13.959	117	102894	157.887	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	236832	147.939	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19588	157.599	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	141662	148.874	ug/l	99
94) Hexachlorobutadiene	15.111	225	73420	139.388	ug/l	99
95) Naphthalene	15.233	128	327856	169.998	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	126263	153.080	ug/l	99

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ClientSampleId :
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QLast Update : Mon Aug 08 17:35:44 2022
Response via : Initial Calibration

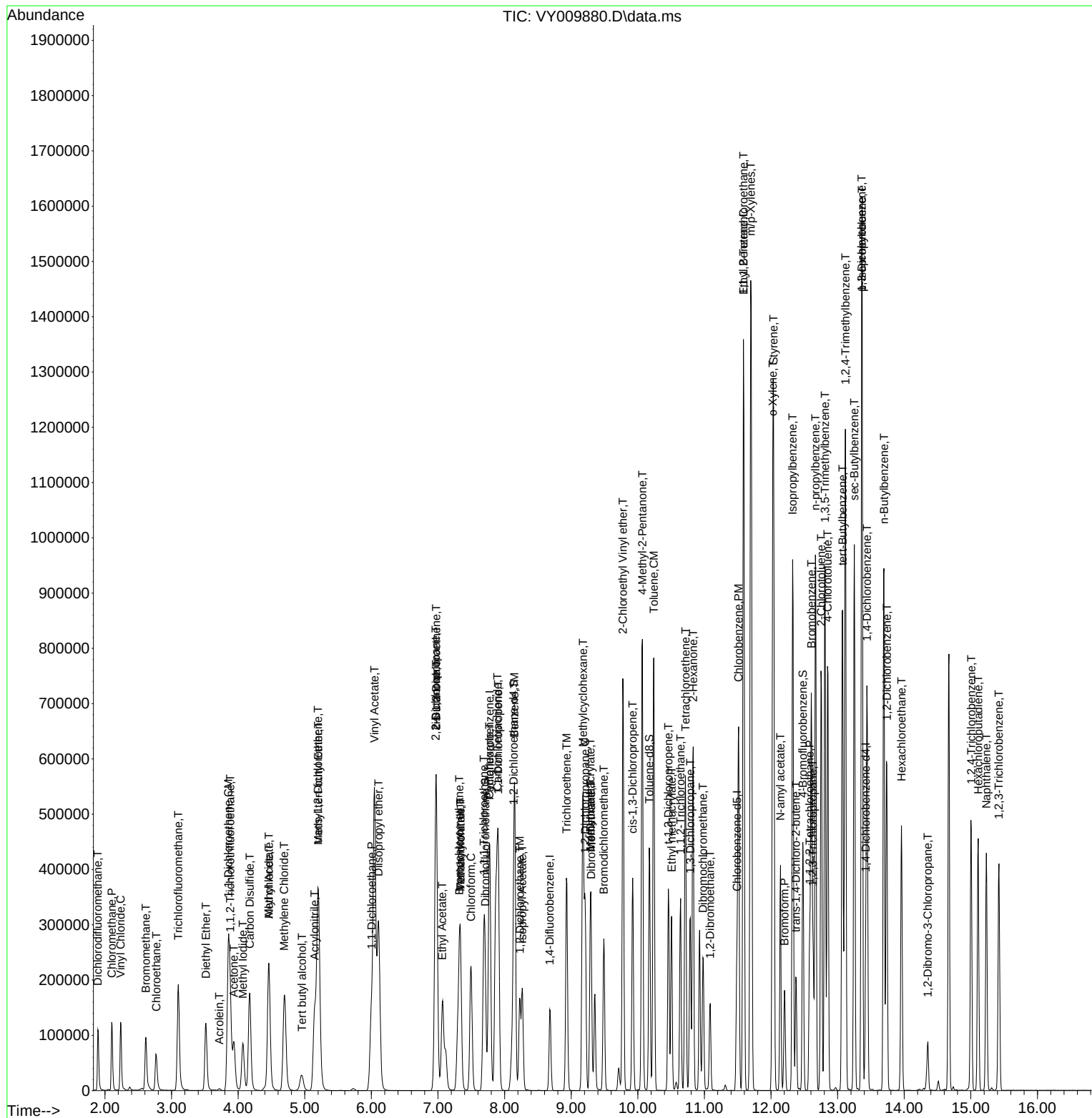
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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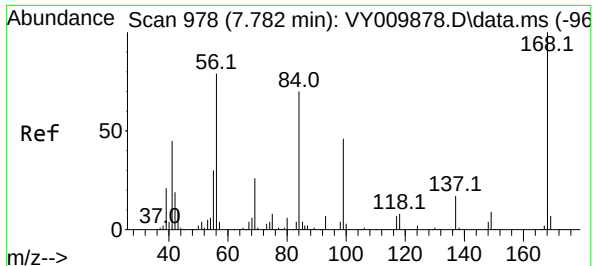
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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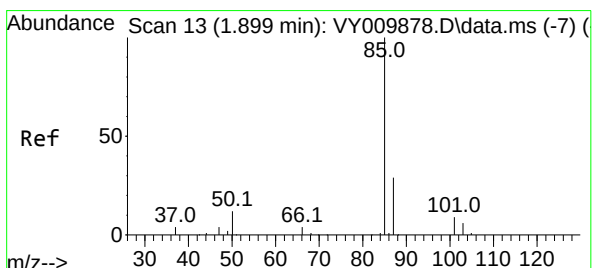
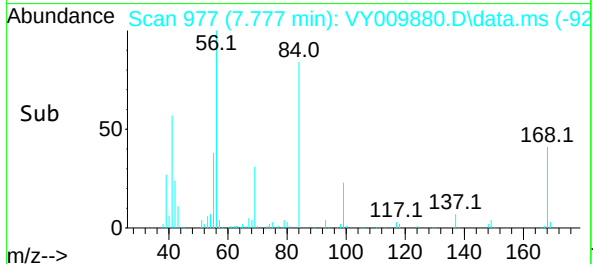
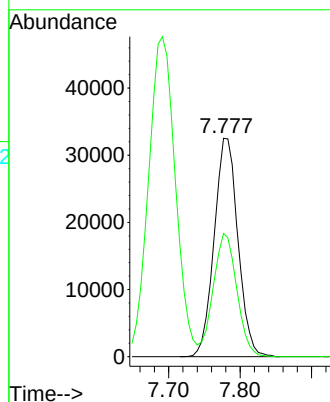
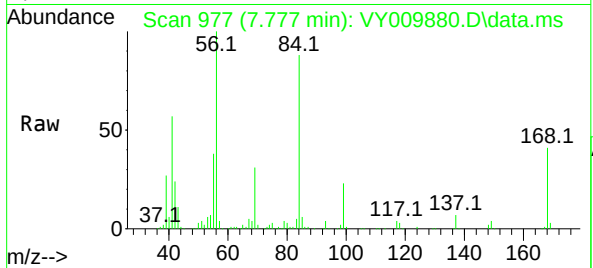




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.005 min
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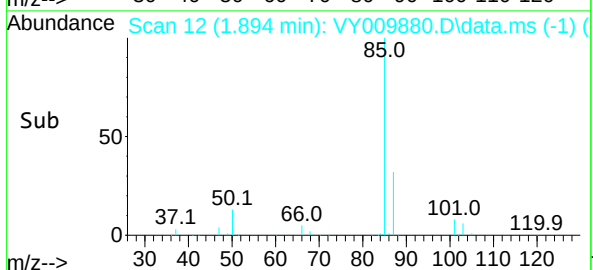
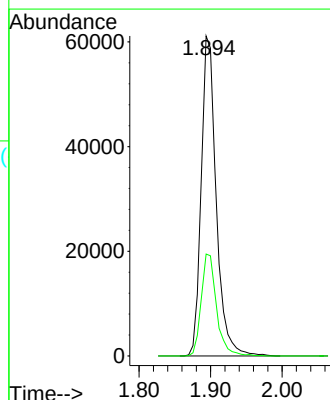
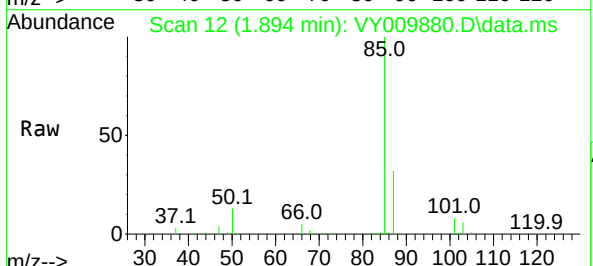
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

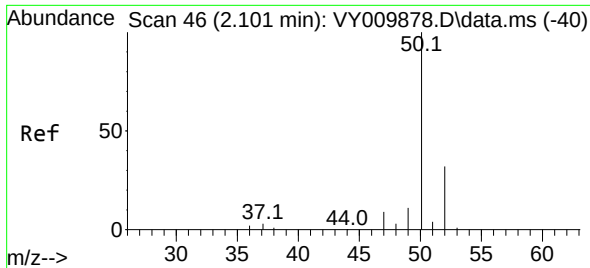
Tgt Ion:168 Resp: 75030
Ion Ratio Lower Upper
168 100
99 56.4 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 141.976 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion: 85 Resp: 89125
Ion Ratio Lower Upper
85 100
87 31.9 16.2 48.5

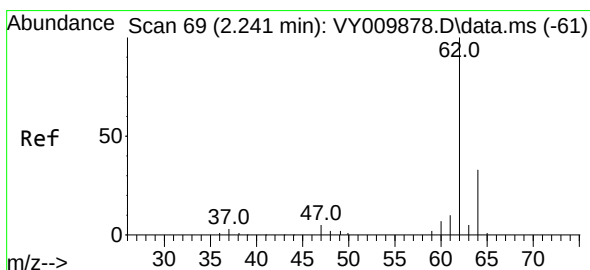
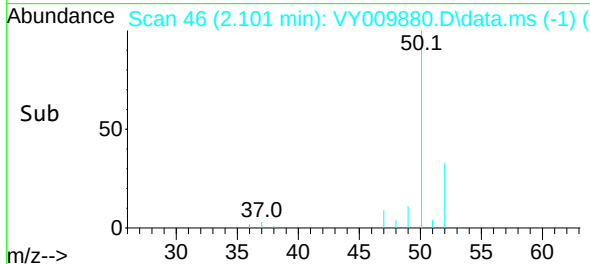
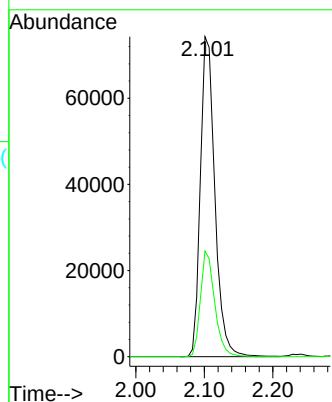
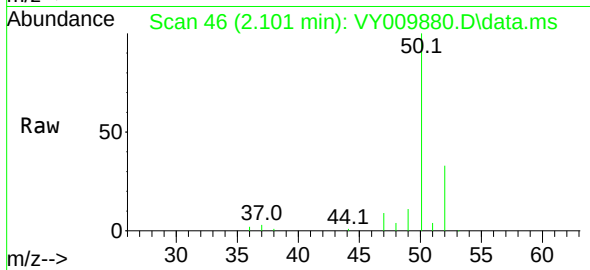




#3
Chloromethane
Concen: 146.356 ug/l
RT: 2.101 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

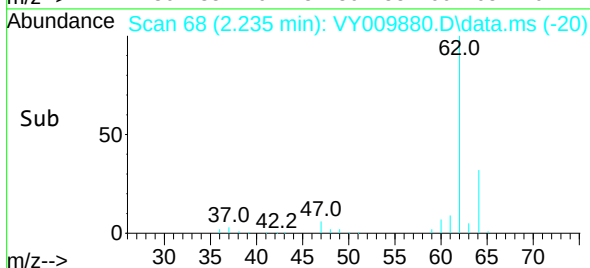
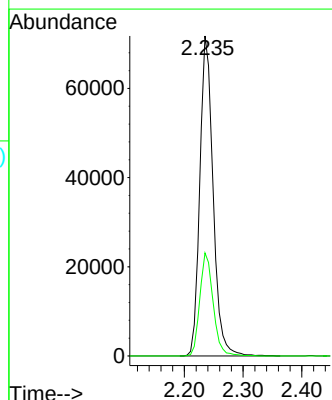
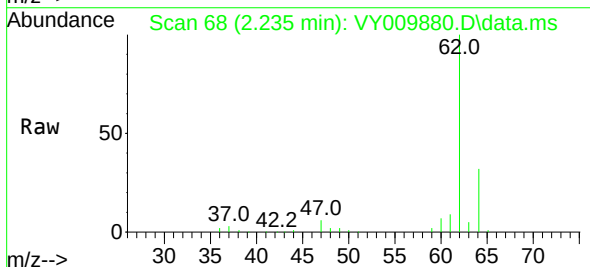
Instrument :
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ClientSampleId :
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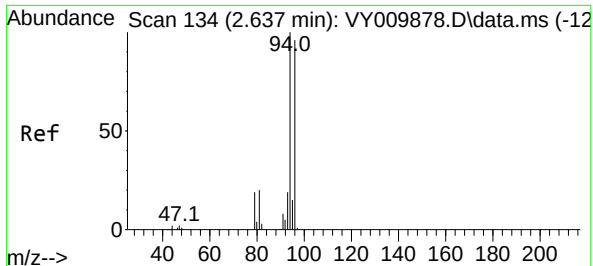
Tgt Ion: 50 Resp: 109766
Ion Ratio Lower Upper
50 100
52 33.0 27.9 41.9



#4
Vinyl Chloride
Concen: 139.268 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.006 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion: 62 Resp: 112282
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.4

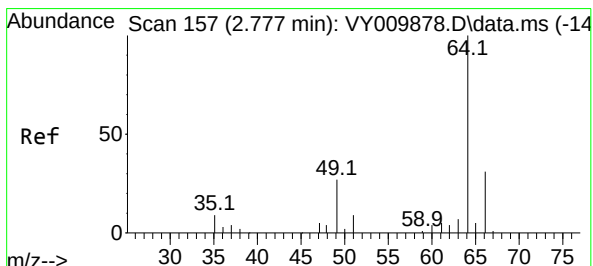
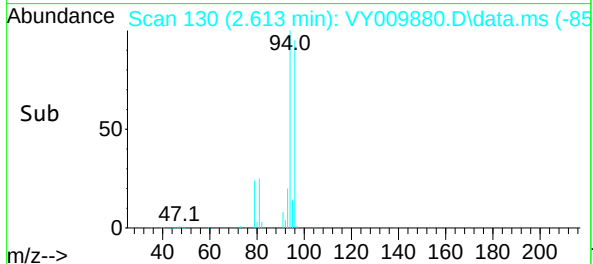
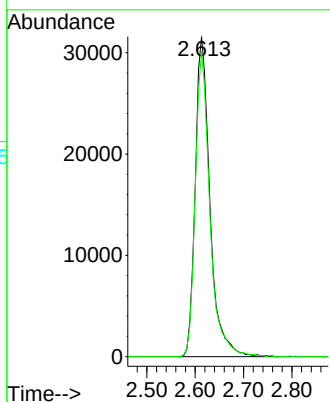
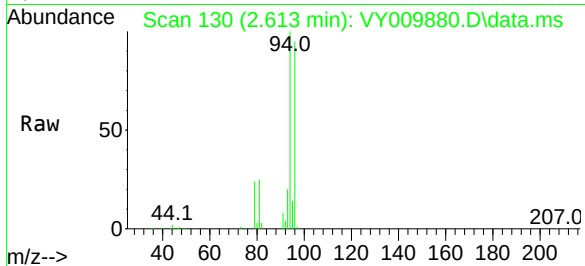




#5
Bromomethane
Concen: 125.781 ug/l
RT: 2.613 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY009880.D
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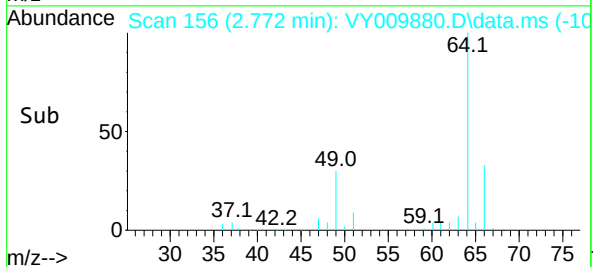
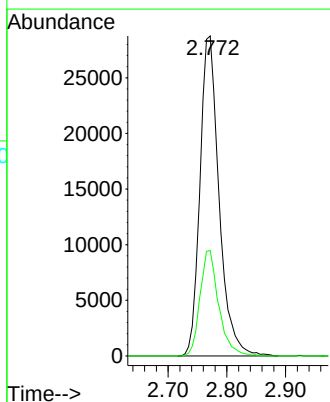
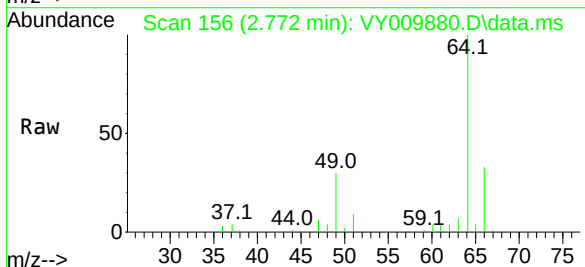
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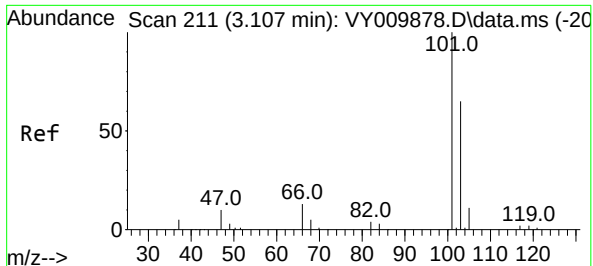
Tgt Ion: 94 Resp: 66591
Ion Ratio Lower Upper
94 100
96 95.4 74.6 111.8



#6
Chloroethane
Concen: 153.786 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.006 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion: 64 Resp: 65057
Ion Ratio Lower Upper
64 100
66 32.9 25.8 38.8

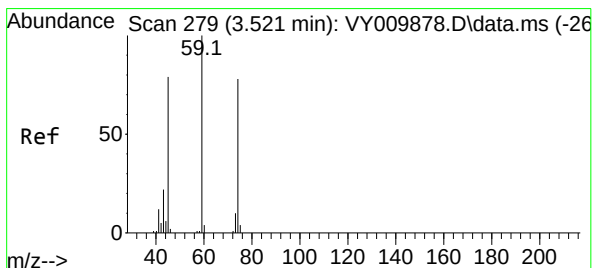
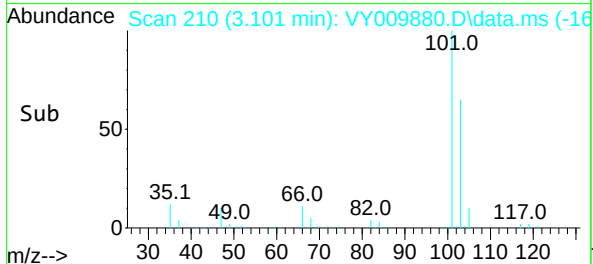
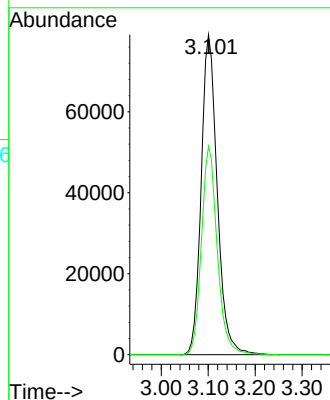
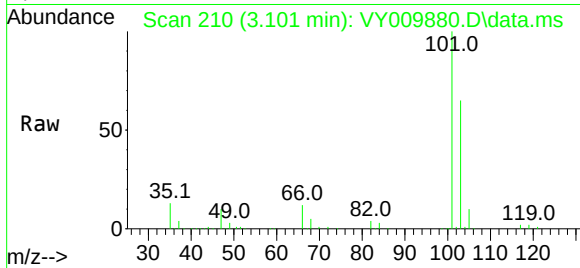




#7
 Trichlorofluoromethane
 Concen: 174.803 ug/l
 RT: 3.101 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VY009880.D
 Acq: 08 Aug 2022 17:24

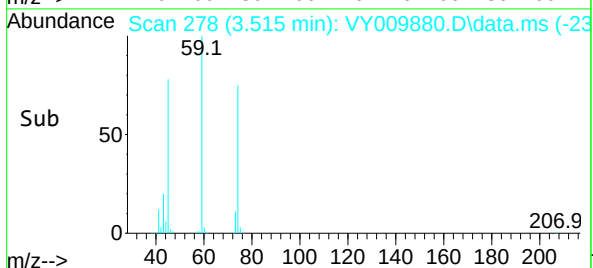
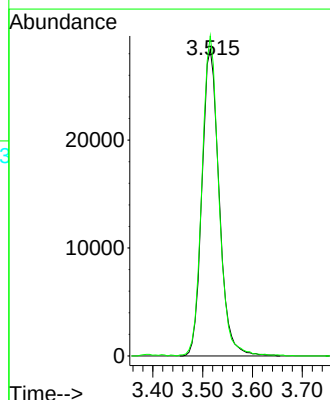
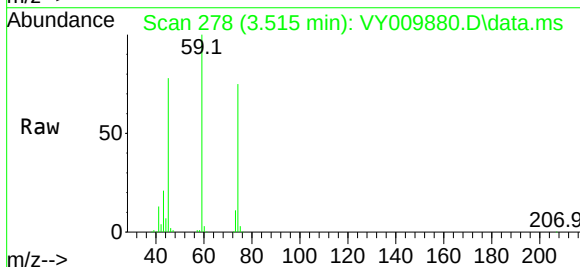
Instrument :
 MSVOA_Y
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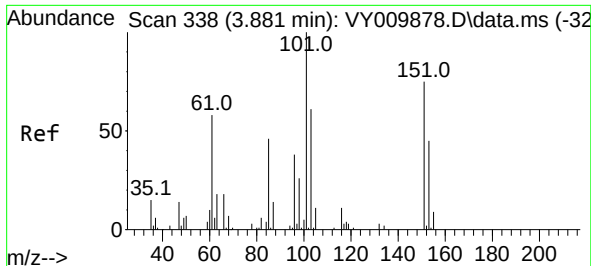
Tgt Ion:101 Resp: 187249
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.2



#8
 Diethyl Ether
 Concen: 171.637 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VY009880.D
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Tgt Ion: 74 Resp: 68208
 Ion Ratio Lower Upper
 74 100
 45 102.5 49.1 147.4

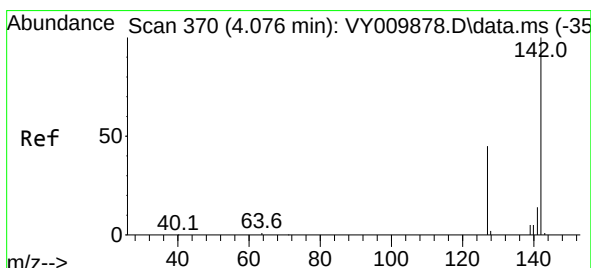
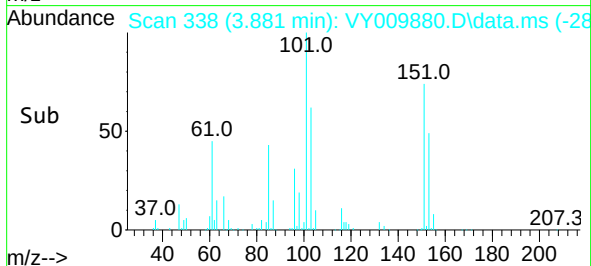
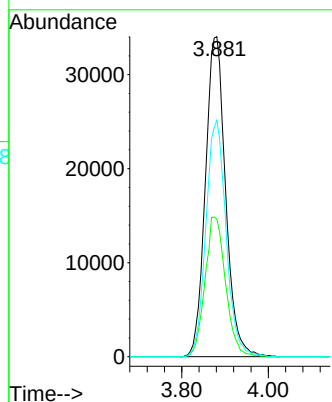
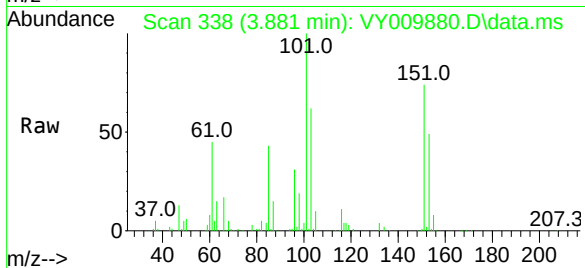




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 151.222 ug/l
 RT: 3.881 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VY009880.D
 Acq: 08 Aug 2022 17:24

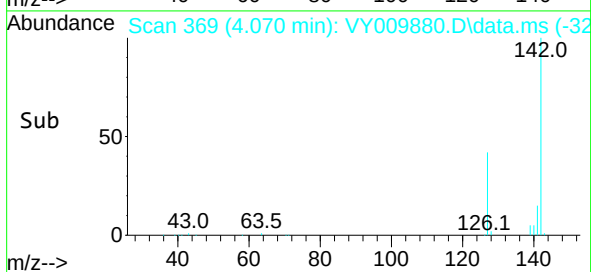
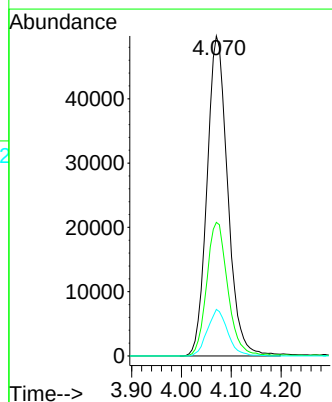
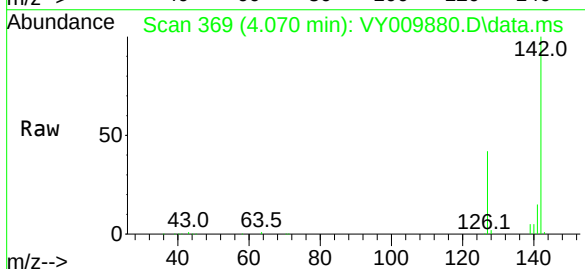
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

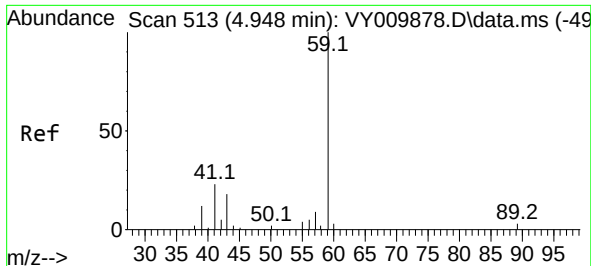
Tgt Ion:101 Resp: 110338
 Ion Ratio Lower Upper
 101 100
 85 44.5 36.2 54.2
 151 73.9 63.6 95.4



#10
 Methyl Iodide
 Concen: 150.738 ug/l
 RT: 4.070 min Scan# 369
 Delta R.T. -0.006 min
 Lab File: VY009880.D
 Acq: 08 Aug 2022 17:24

Tgt Ion:142 Resp: 143506
 Ion Ratio Lower Upper
 142 100
 127 42.5 35.2 52.8
 141 14.3 11.4 17.2

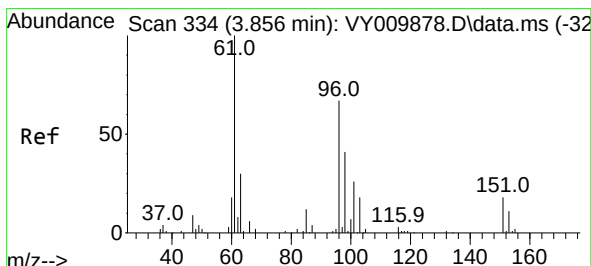
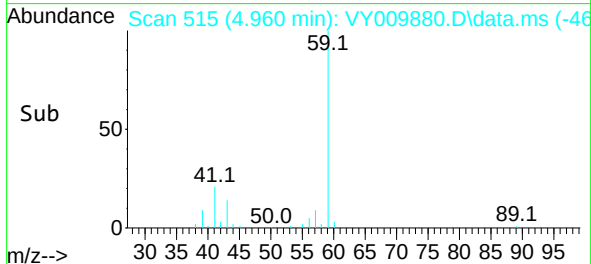
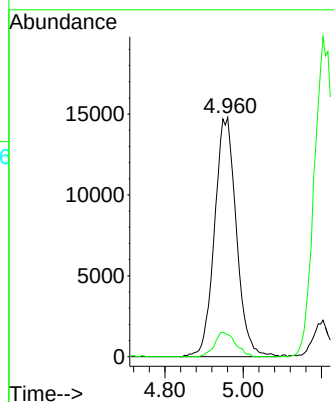
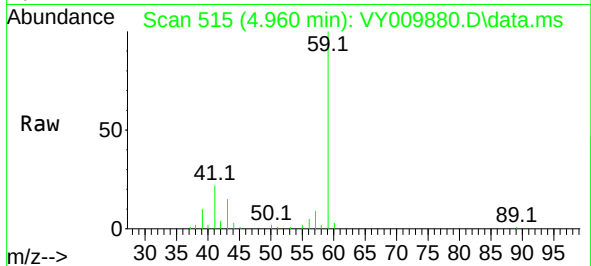




#11
Tert butyl alcohol
Concen: 373.338 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

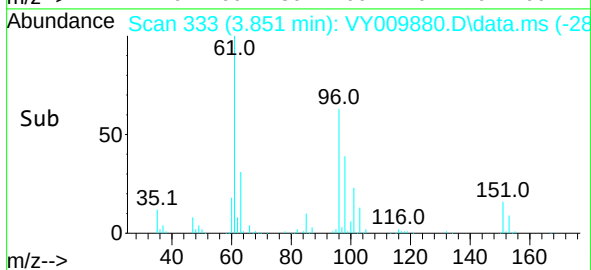
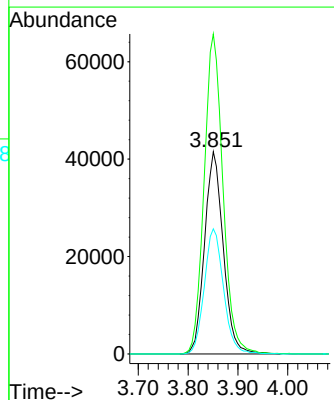
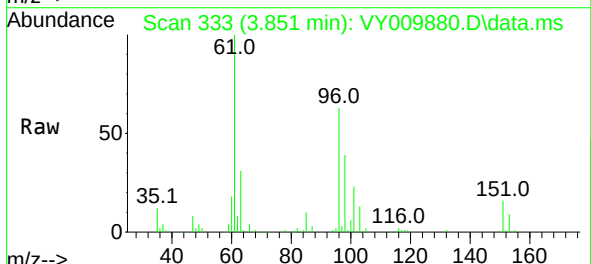
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

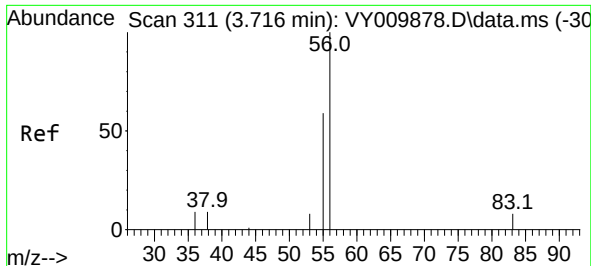
Tgt Ion: 59 Resp: 57313
Ion Ratio Lower Upper
59 100
57 9.8 6.3 9.5#



#12
1,1-Dichloroethene
Concen: 152.176 ug/l
RT: 3.851 min Scan# 333
Delta R.T. -0.006 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion: 96 Resp: 108193
Ion Ratio Lower Upper
96 100
61 158.3 121.9 182.9
98 61.9 48.2 72.4





#13

Acrolein

Concen: 65.185 ug/l

RT: 3.716 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

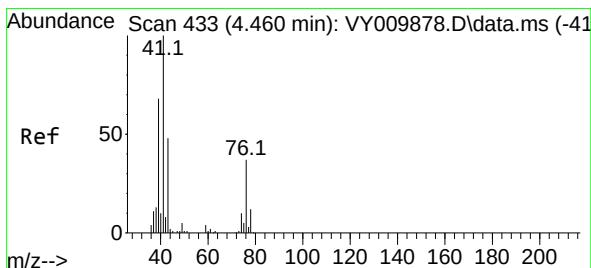
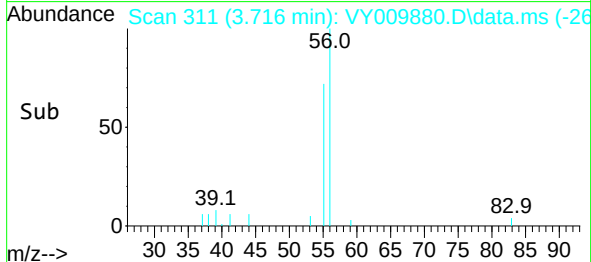
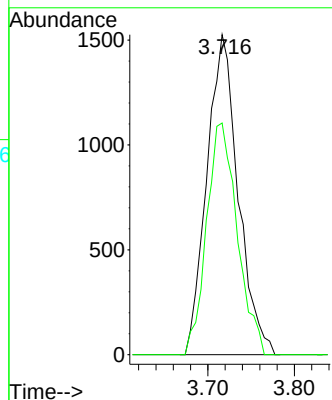
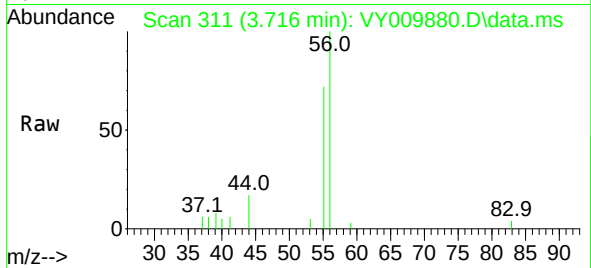
VSTDIC150

Tgt Ion: 56 Resp: 3832

Ion Ratio Lower Upper

56 100

55 70.7 54.8 82.2



#14

Allyl chloride

Concen: 160.598 ug/l

RT: 4.460 min Scan# 433

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

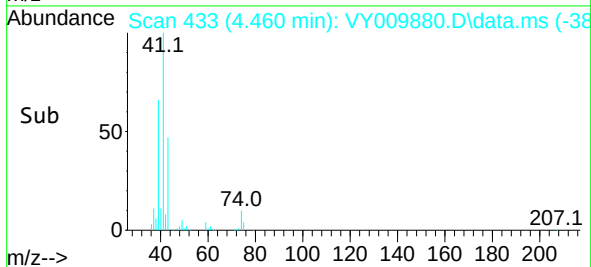
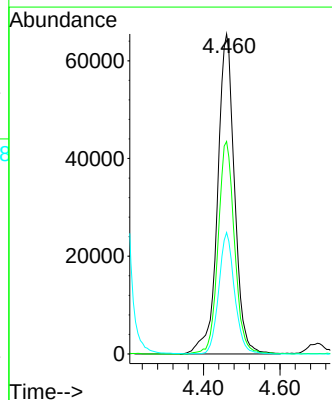
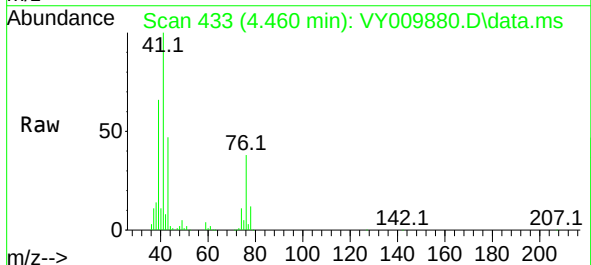
Tgt Ion: 41 Resp: 201635

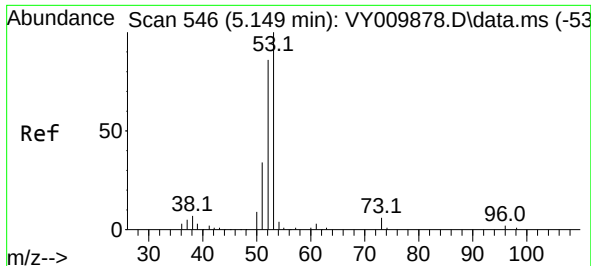
Ion Ratio Lower Upper

41 100

39 64.4 53.5 80.3

76 35.4 29.4 44.0

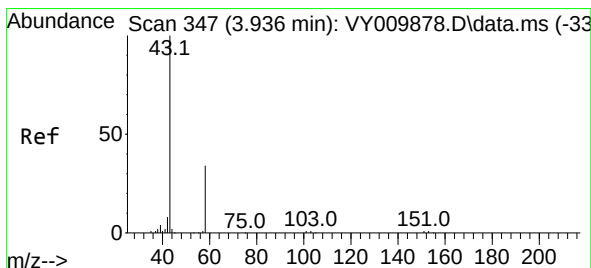
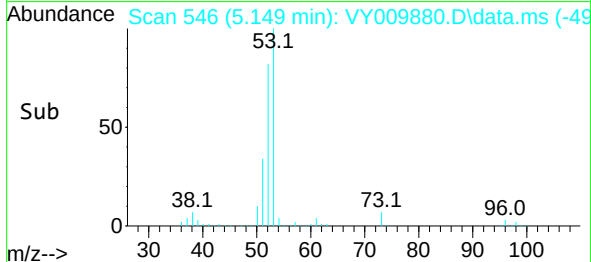
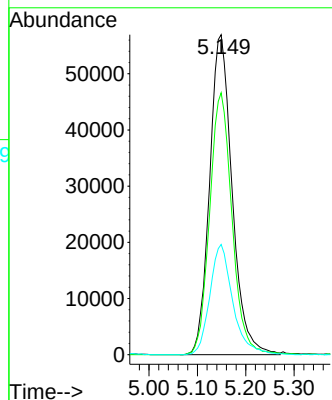
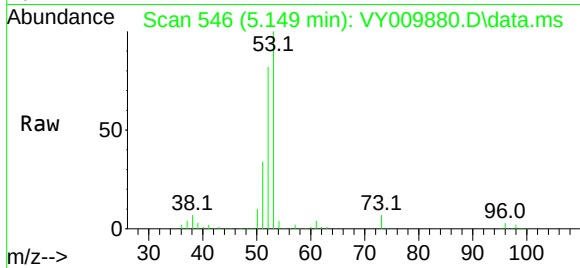




#15
Acrylonitrile
Concen: 840.624 ug/l
RT: 5.149 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

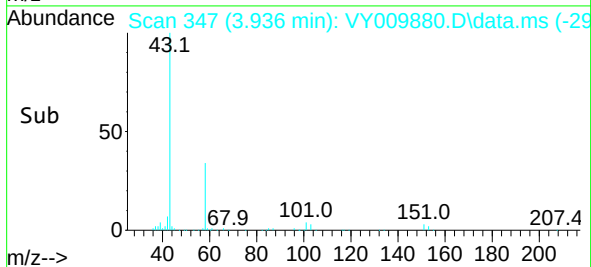
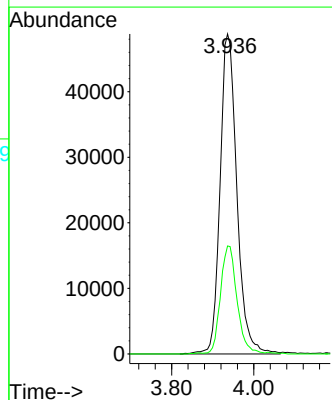
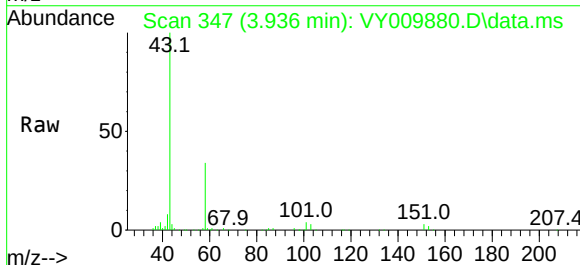
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

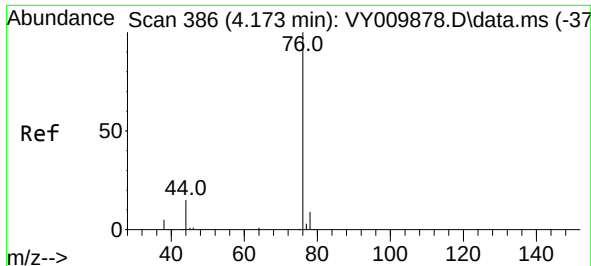
Tgt Ion: 53 Resp: 184729
Ion Ratio Lower Upper
53 100
52 81.2 65.4 98.2
51 35.1 28.4 42.6



#16
Acetone
Concen: 697.811 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion: 43 Resp: 138427
Ion Ratio Lower Upper
43 100
58 33.8 24.0 36.0

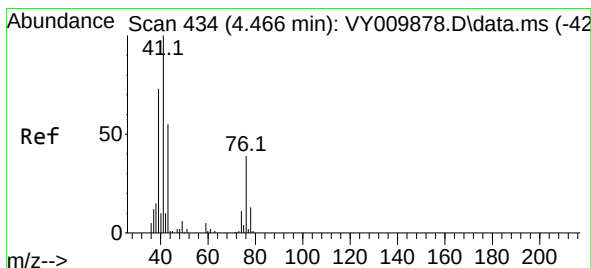
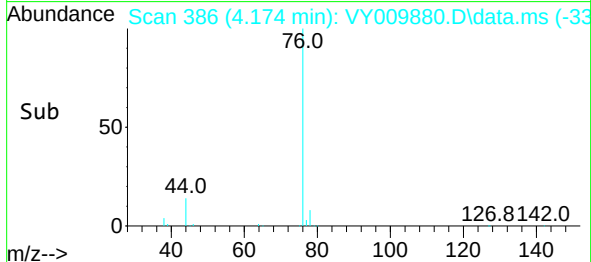
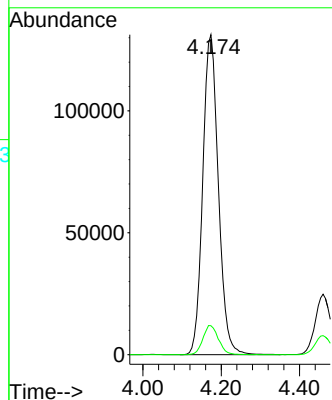
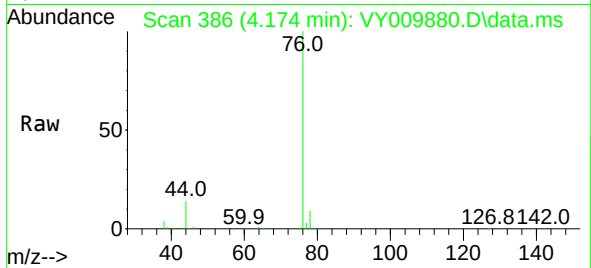




#17
Carbon Disulfide
Concen: 155.483 ug/l
RT: 4.174 min Scan# 386
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

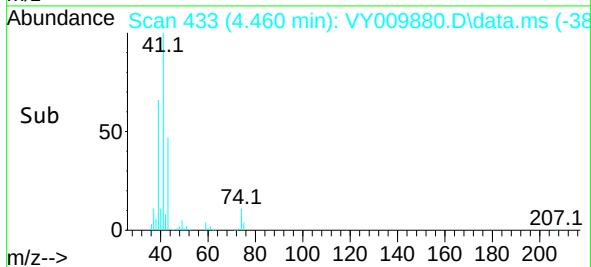
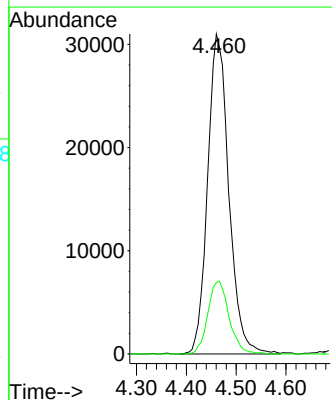
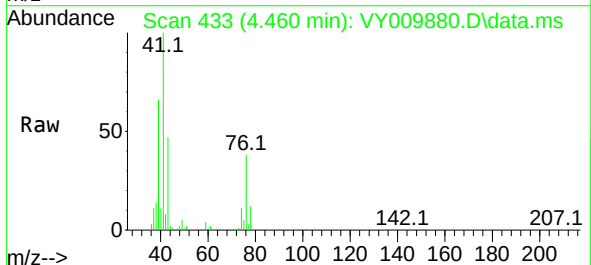
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

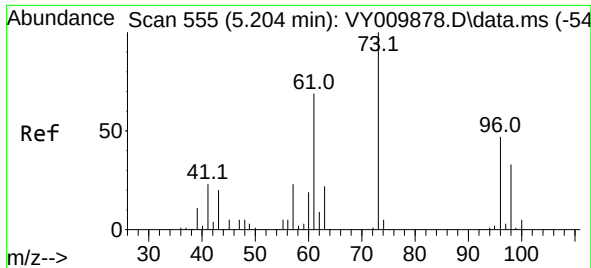
Tgt Ion: 76 Resp: 362853
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 163.765 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion: 43 Resp: 91451
Ion Ratio Lower Upper
43 100
74 22.9 18.8 28.2

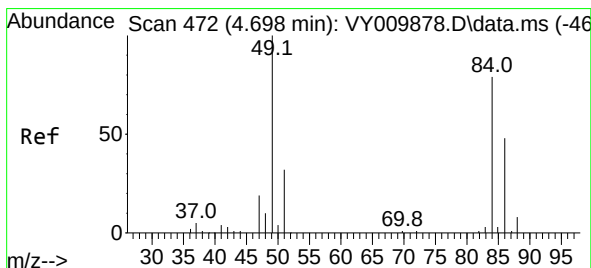
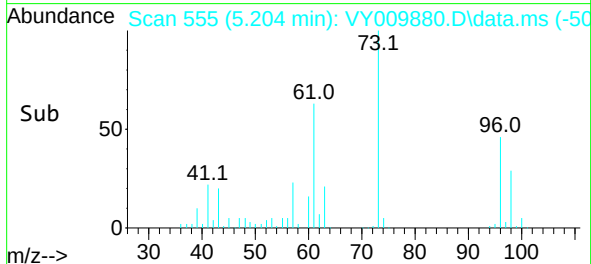
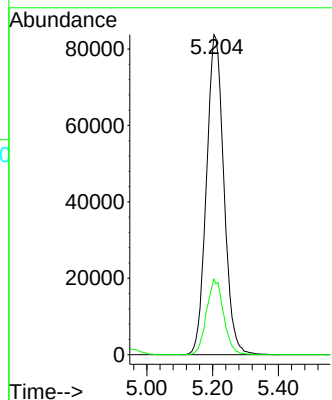
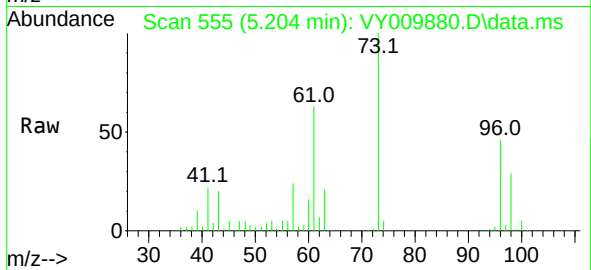




#19
Methyl tert-butyl Ether
Concen: 155.539 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

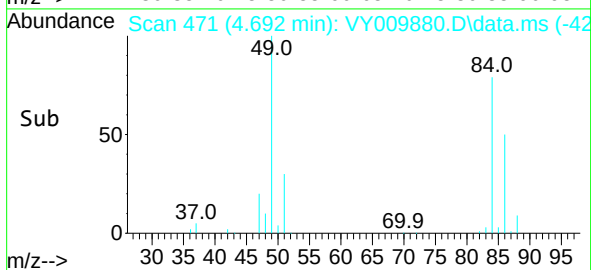
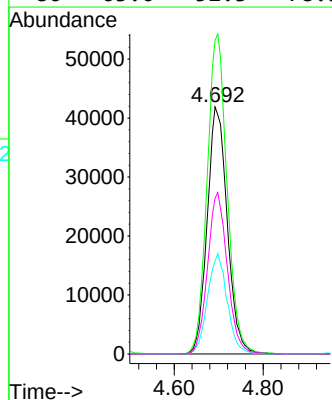
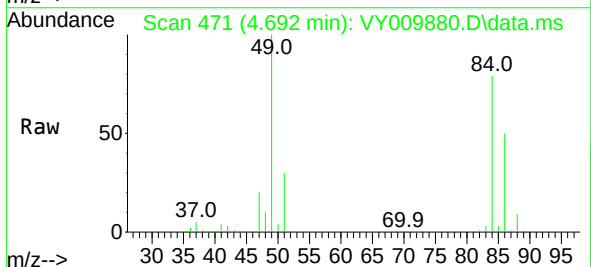
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

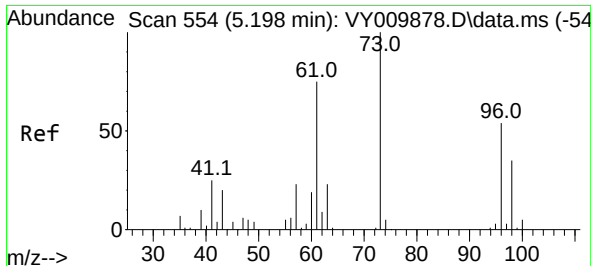
Tgt Ion: 73 Resp: 307952
Ion Ratio Lower Upper
73 100
57 23.6 18.5 27.7



#20
Methylene Chloride
Concen: 130.046 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion: 84 Resp: 131532
Ion Ratio Lower Upper
84 100
49 127.0 98.2 147.4
51 37.6 33.4 50.0
86 63.0 52.3 78.5

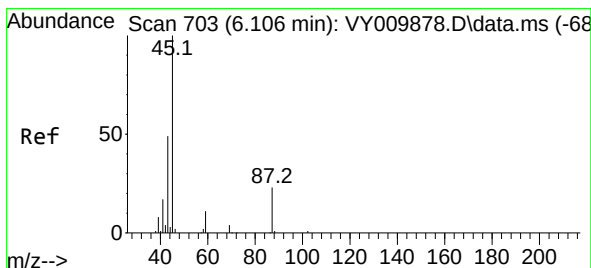
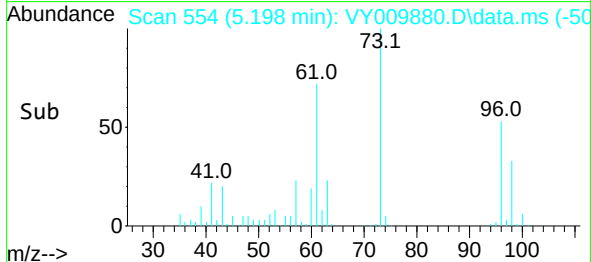
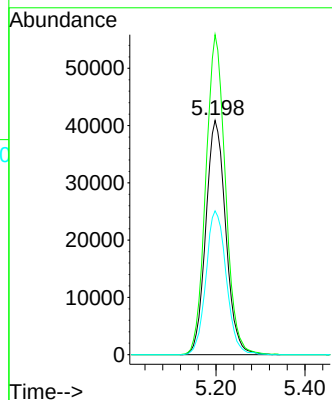
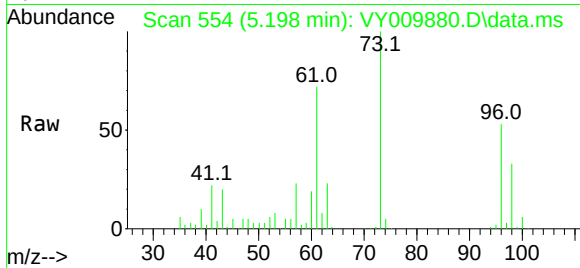




#21
trans-1,2-Dichloroethene
Concen: 153.336 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

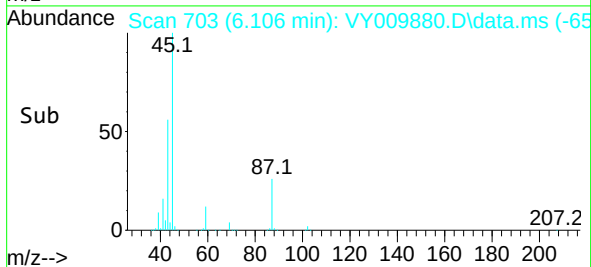
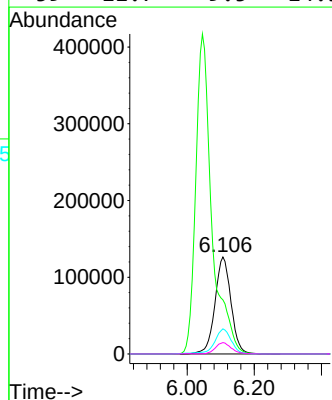
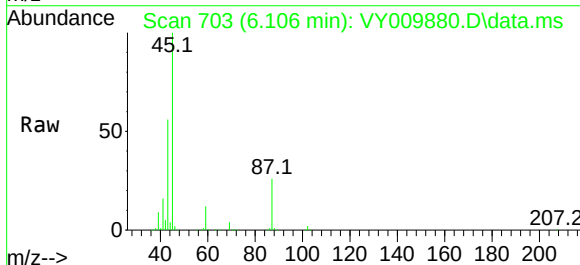
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

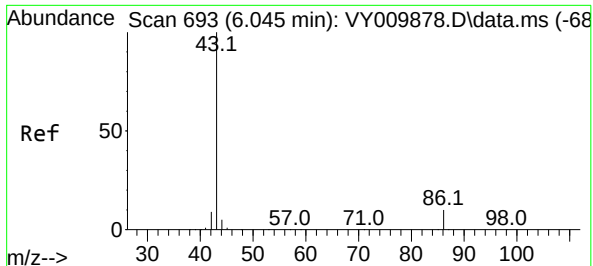
Tgt Ion: 96 Resp: 127658
Ion Ratio Lower Upper
96 100
61 136.6 105.8 158.6
98 61.4 49.7 74.5



#22
Diisopropyl ether
Concen: 166.465 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion: 45 Resp: 419112
Ion Ratio Lower Upper
45 100
43 55.5 43.7 65.5
87 25.9 22.2 33.4
59 11.7 9.5 14.3

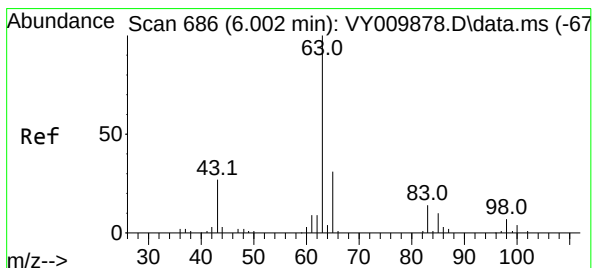
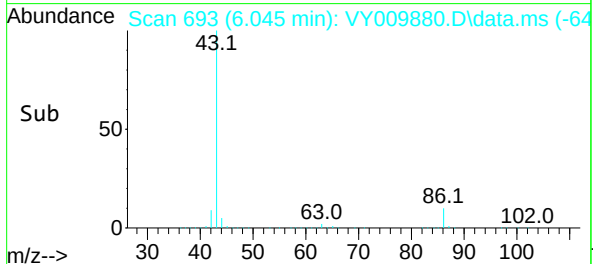
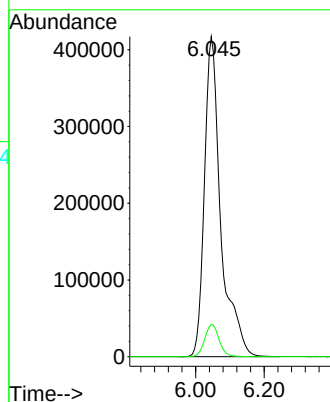
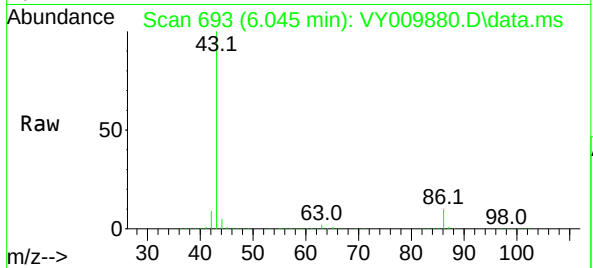




#23
 Vinyl Acetate
 Concen: 857.413 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY009880.D
 Acq: 08 Aug 2022 17:24

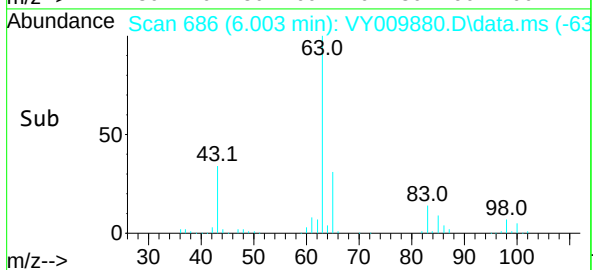
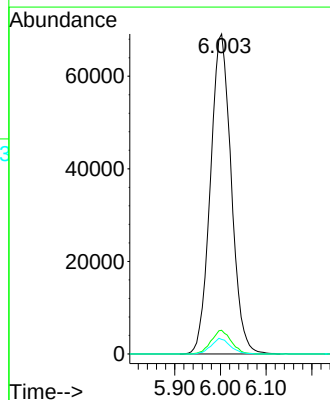
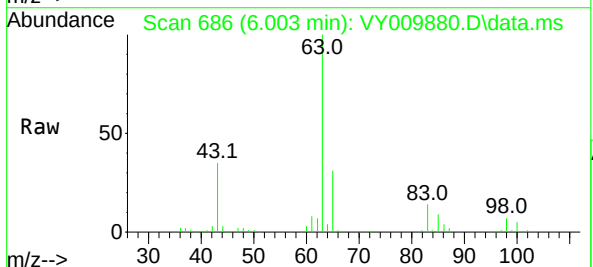
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

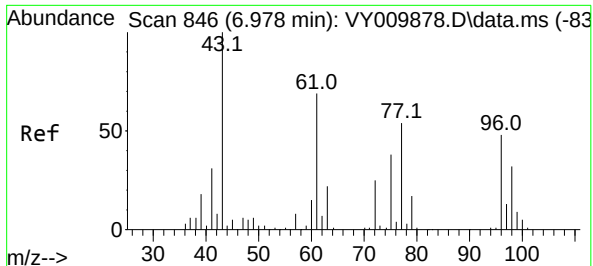
Tgt Ion: 43 Resp: 1386606
 Ion Ratio Lower Upper
 43 100
 86 10.0 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 153.610 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY009880.D
 Acq: 08 Aug 2022 17:24

Tgt Ion: 63 Resp: 218542
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.6 2.8 8.3





#25

2-Butanone

Concen: 807.063 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

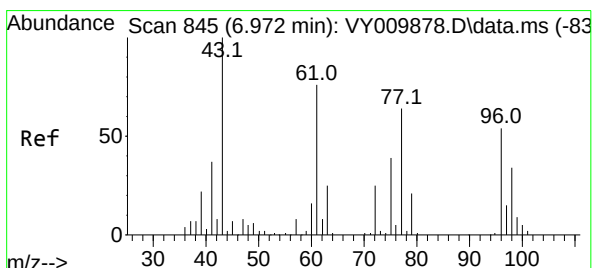
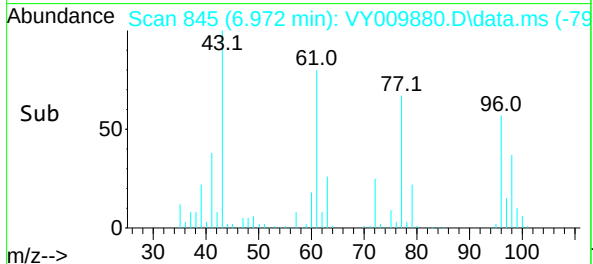
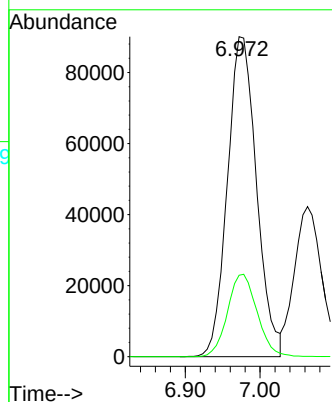
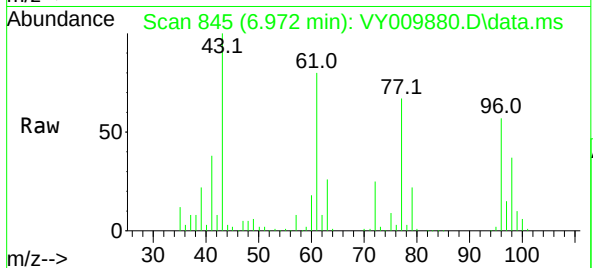
VSTDIC150

Tgt Ion: 43 Resp: 244293

Ion Ratio Lower Upper

43 100

72 25.5 21.5 32.3



#26

2,2-Dichloropropane

Concen: 143.359 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY009880.D

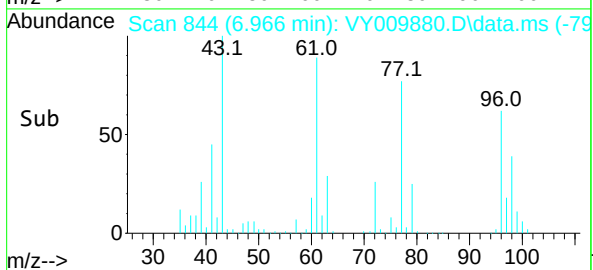
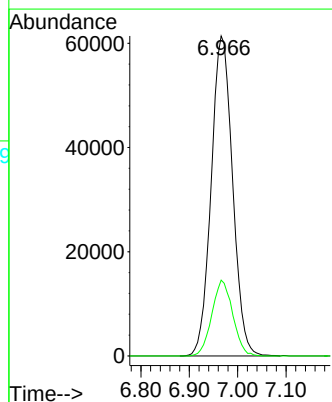
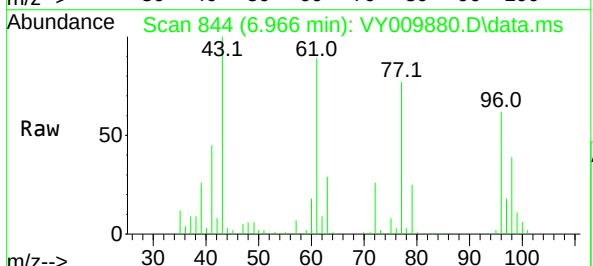
Acq: 08 Aug 2022 17:24

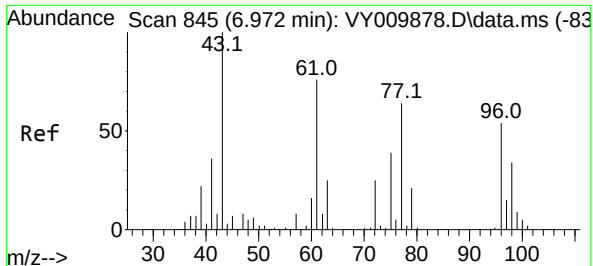
Tgt Ion: 77 Resp: 188597

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 154.077 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

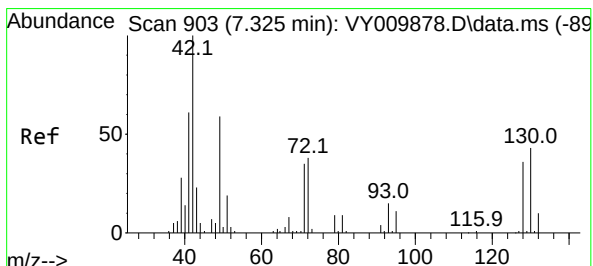
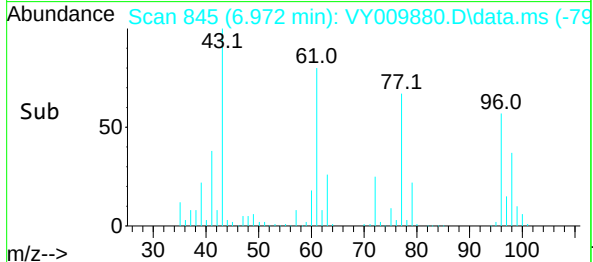
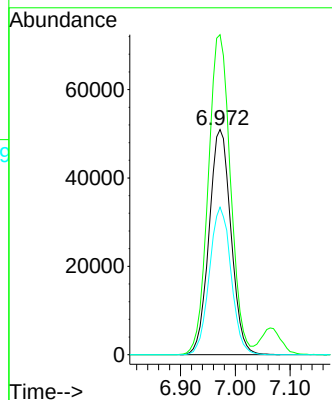
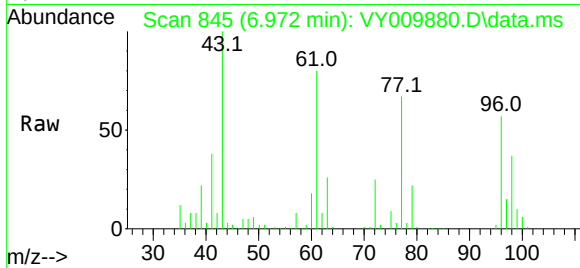
Tgt Ion: 96 Resp: 141363

Ion Ratio Lower Upper

96 100

61 144.7 0.0 285.6

98 64.9 0.0 131.0



#28

Bromochloromethane

Concen: 124.123 ug/l

RT: 7.319 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

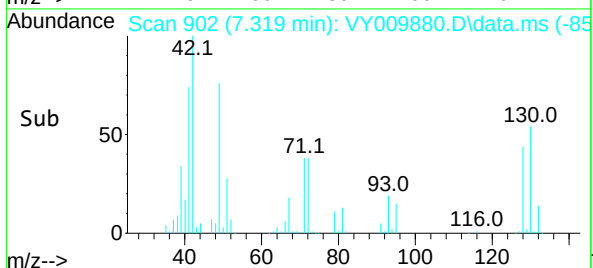
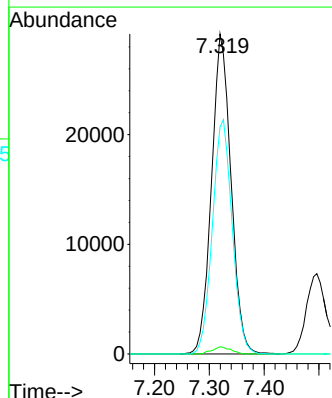
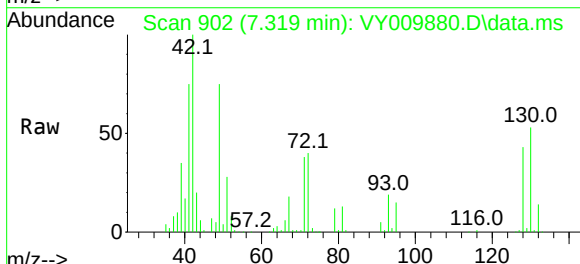
Tgt Ion: 49 Resp: 71872

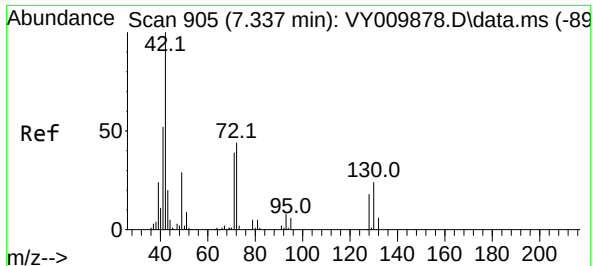
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 74.4 64.1 96.1





#29

Tetrahydrofuran

Concen: 870.607 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

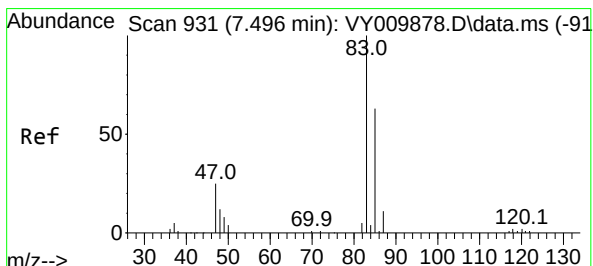
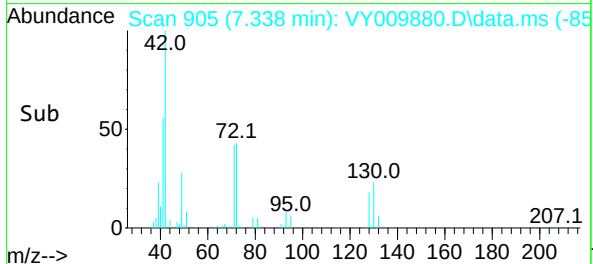
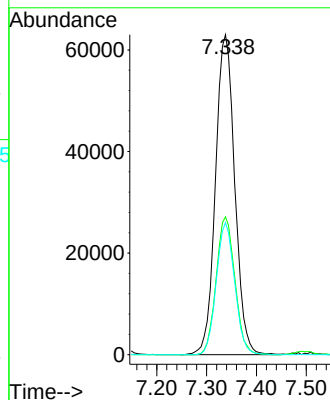
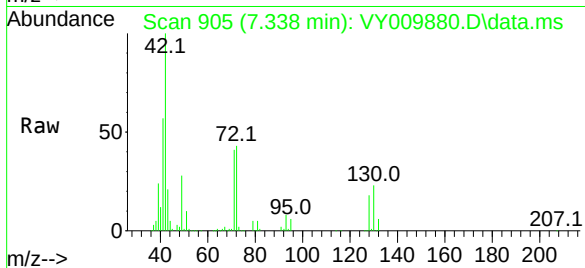
Tgt Ion: 42 Resp: 169136

Ion Ratio Lower Upper

42 100

72 41.8 34.6 52.0

71 39.4 32.7 49.1



#30

Chloroform

Concen: 154.653 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009880.D

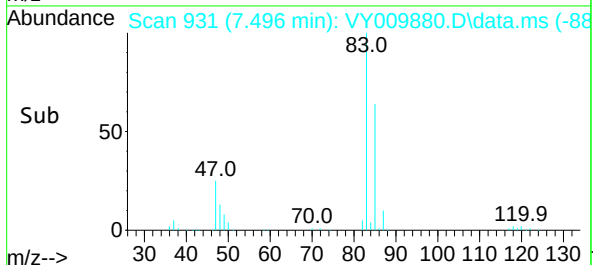
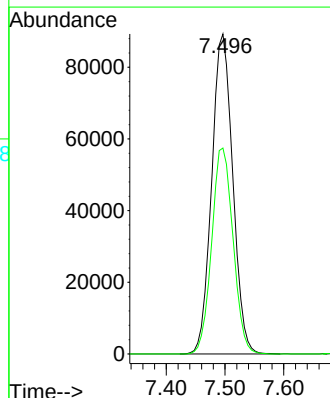
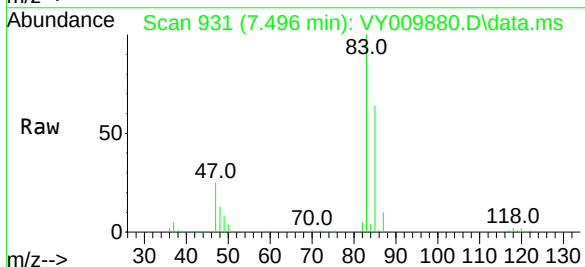
Acq: 08 Aug 2022 17:24

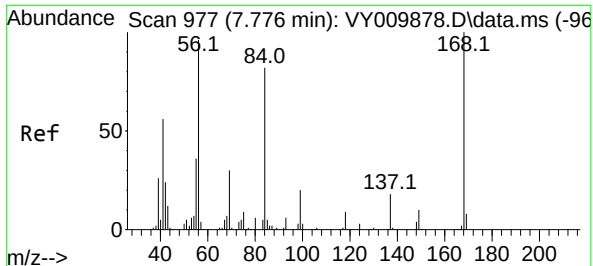
Tgt Ion: 83 Resp: 222171

Ion Ratio Lower Upper

83 100

85 64.3 50.5 75.7

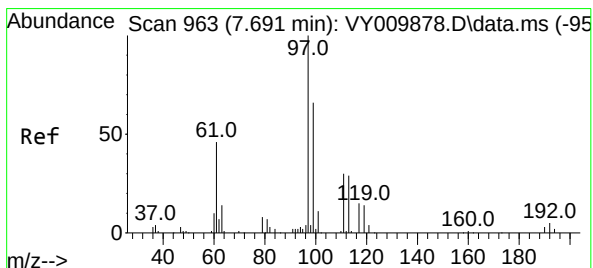
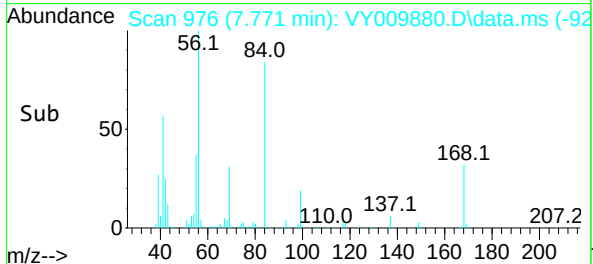
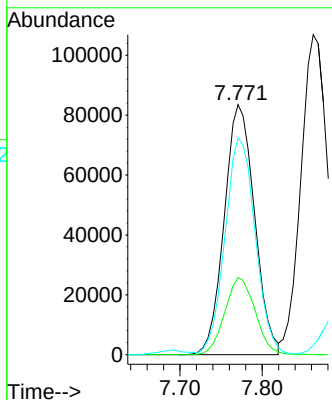
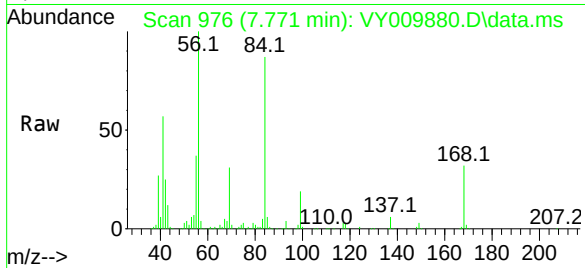




#31
Cyclohexane
Concen: 152.589 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

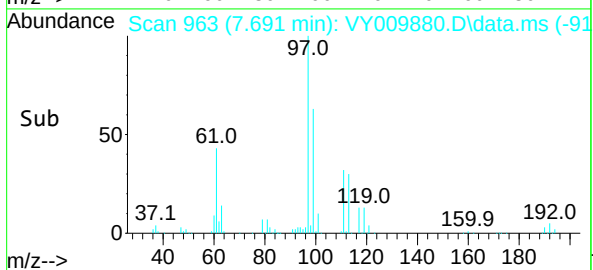
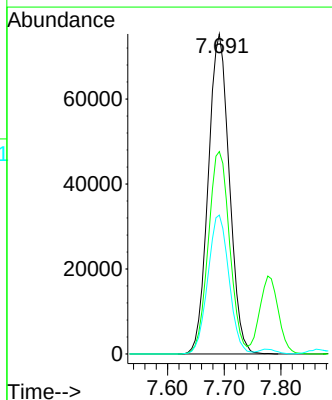
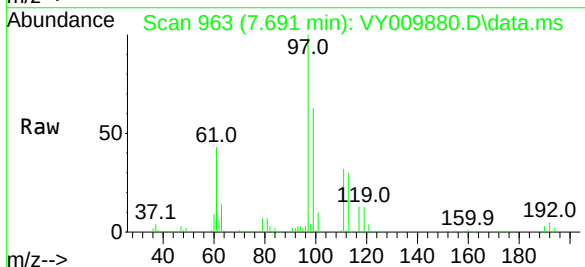
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

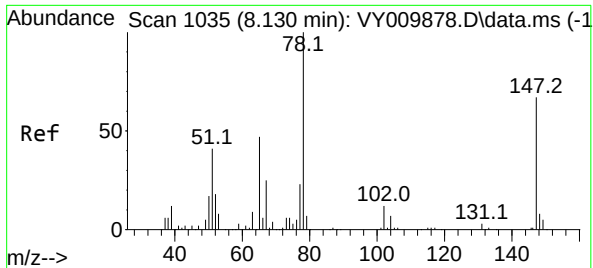
Tgt Ion: 56 Resp: 214026
Ion Ratio Lower Upper
56 100
69 30.8 26.0 39.0
84 85.1 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 153.763 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion: 97 Resp: 193969
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.8
61 43.8 33.7 50.5

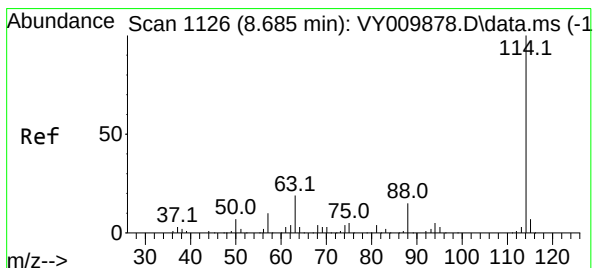
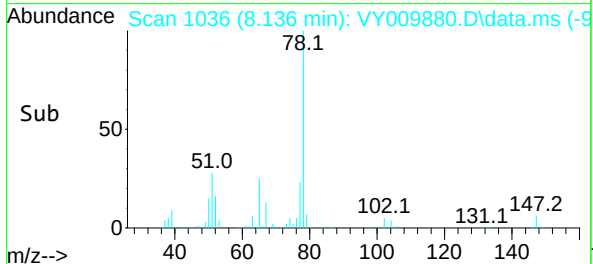
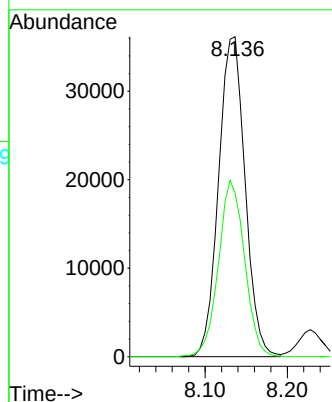
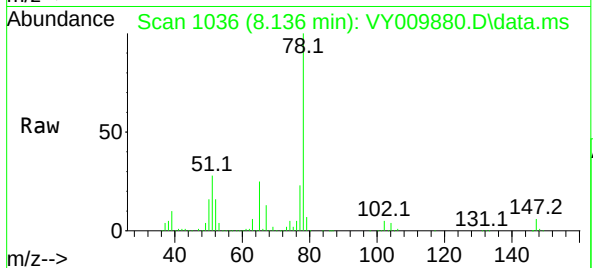




#33
 1,2-Dichloroethane-d4
 Concen: 123.257 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VY009880.D
 Acq: 08 Aug 2022 17:24

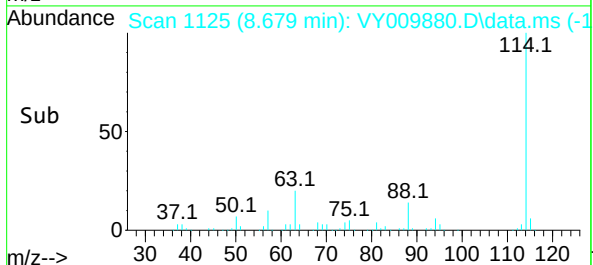
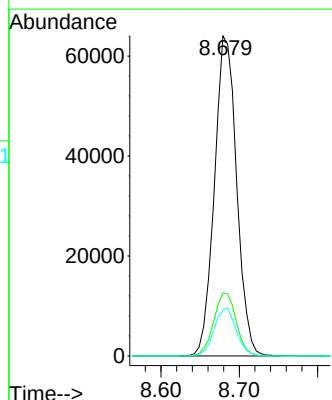
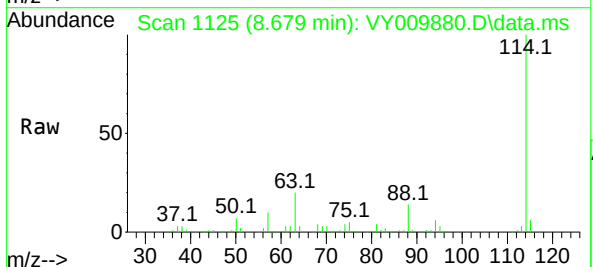
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

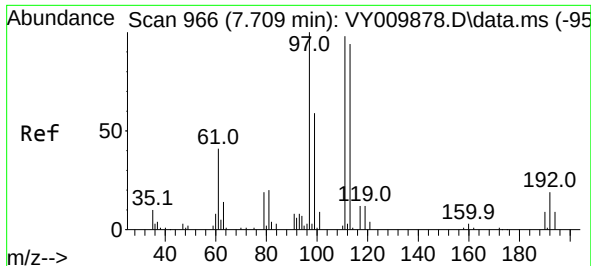
Tgt Ion: 65 Resp: 81039
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. -0.006 min
 Lab File: VY009880.D
 Acq: 08 Aug 2022 17:24

Tgt Ion: 114 Resp: 126130
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.0
 88 14.3 0.0 30.0

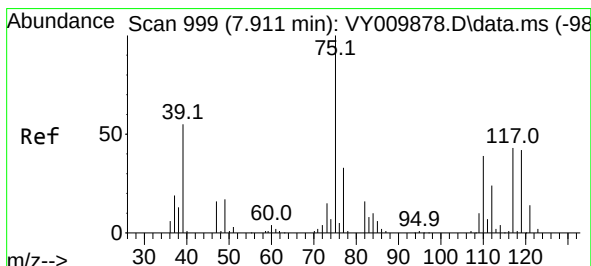
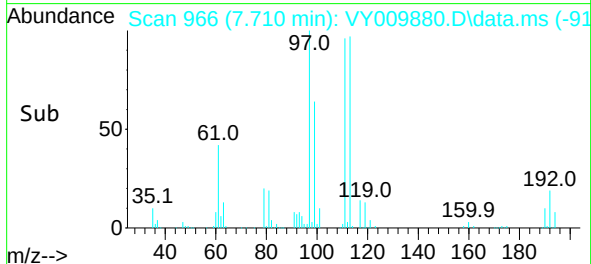
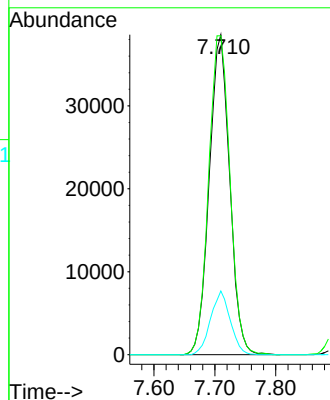
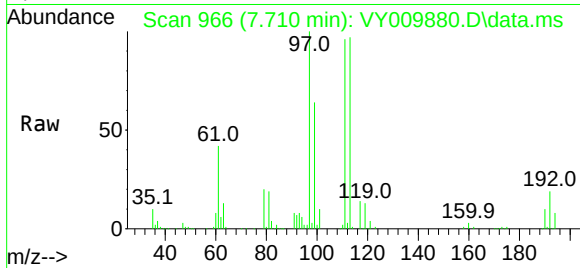




#35
Dibromofluoromethane
Concen: 132.365 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

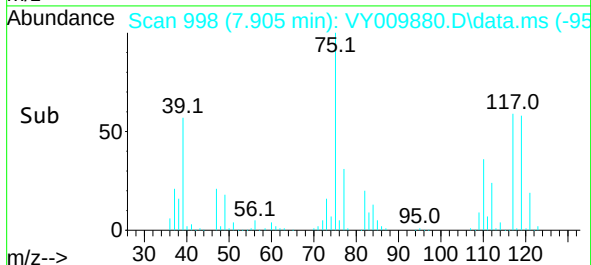
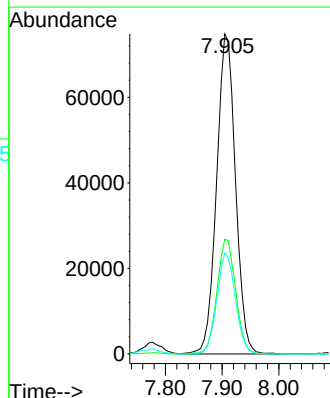
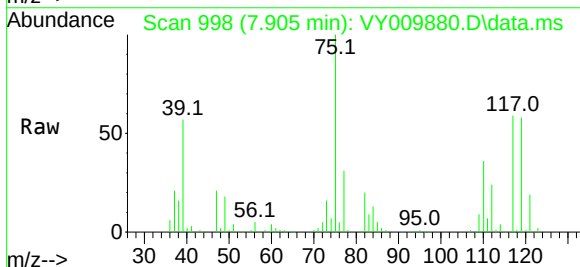
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

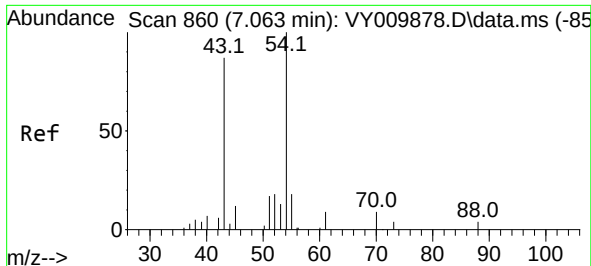
Tgt Ion:113 Resp: 89792
Ion Ratio Lower Upper
113 100
111 104.0 80.6 120.8
192 19.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 149.395 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion: 75 Resp: 172931
Ion Ratio Lower Upper
75 100
110 35.4 18.6 56.0
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 164.278 ug/l

RT: 7.063 min Scan# 860

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

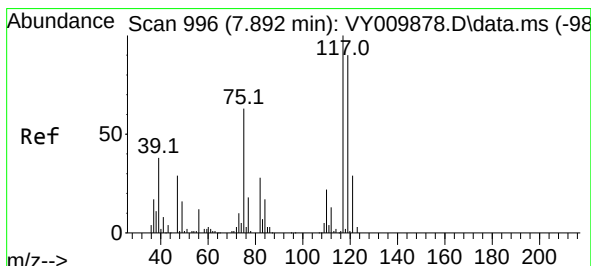
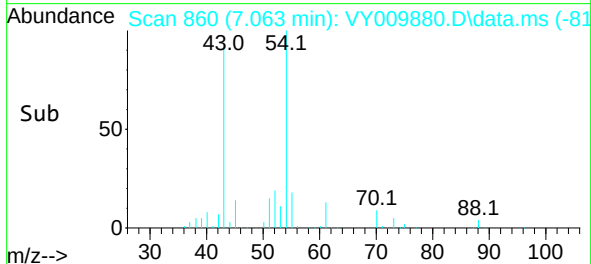
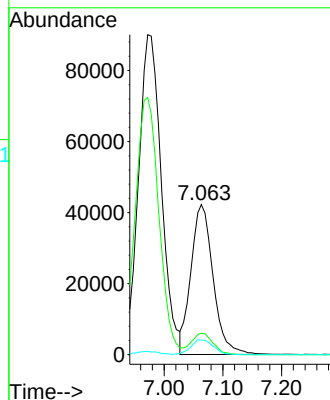
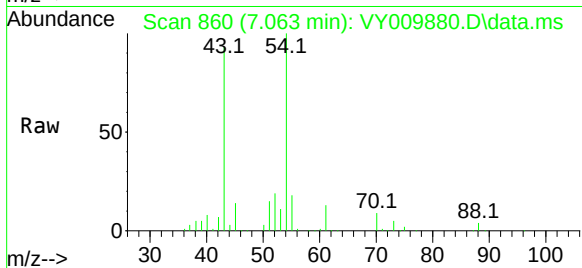
Tgt Ion: 43 Resp: 110642

Ion Ratio Lower Upper

43 100

61 13.9 11.2 16.8

70 10.1 8.4 12.6



#38

Carbon Tetrachloride

Concen: 147.571 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

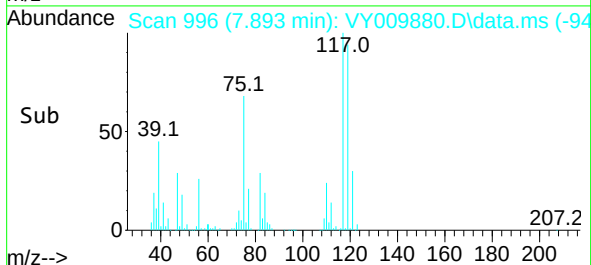
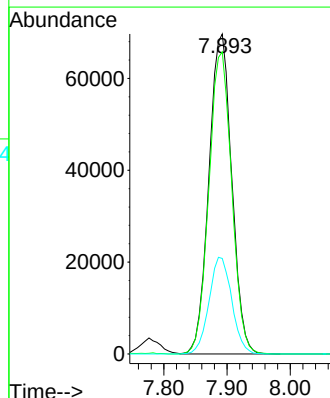
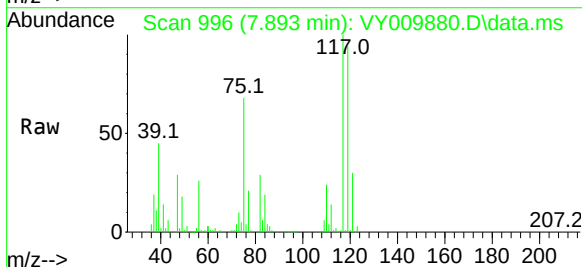
Tgt Ion: 117 Resp: 174406

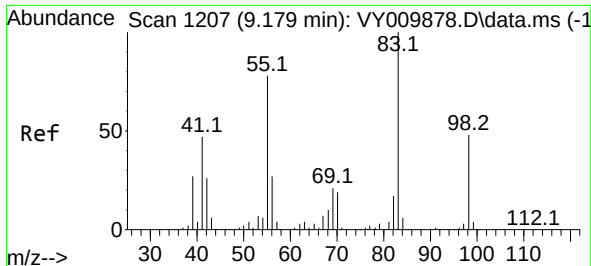
Ion Ratio Lower Upper

117 100

119 94.4 75.9 113.9

121 29.9 24.9 37.3

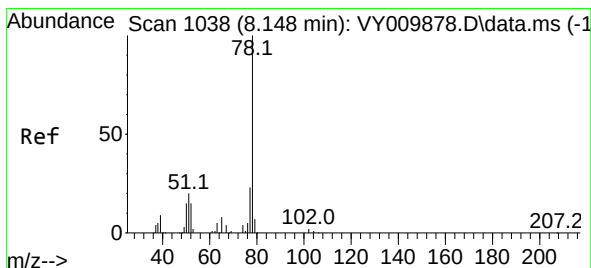
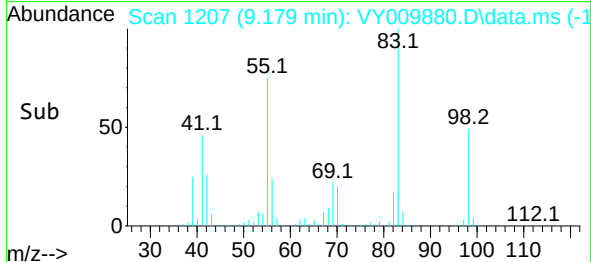
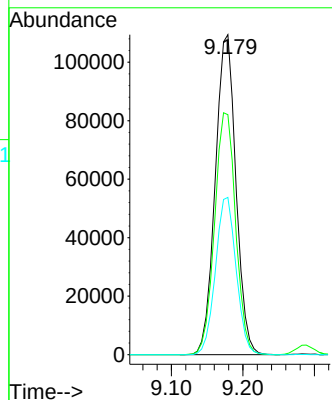
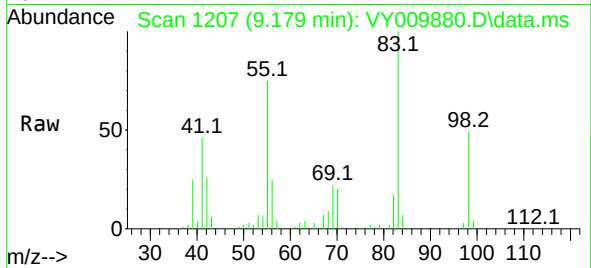




#39
Methylcyclohexane
Concen: 152.868 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

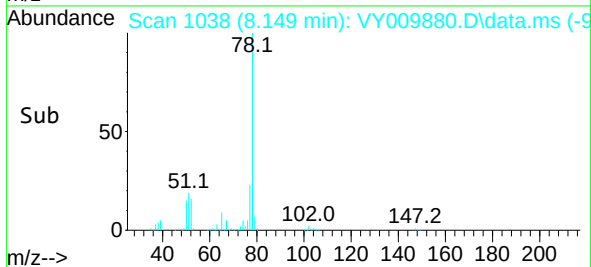
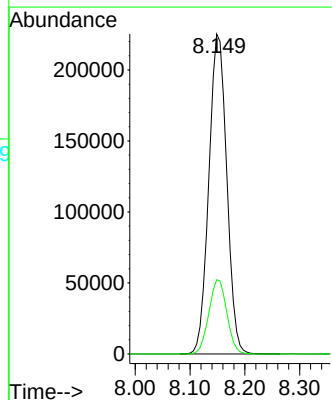
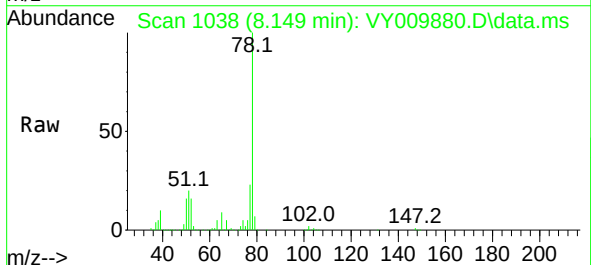
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

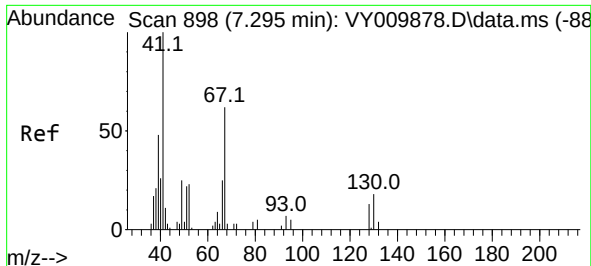
Tgt Ion: 83 Resp: 219636
Ion Ratio Lower Upper
83 100
55 75.0 56.7 85.1
98 49.2 39.9 59.9



#40
Benzene
Concen: 149.168 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion: 78 Resp: 508966
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.0

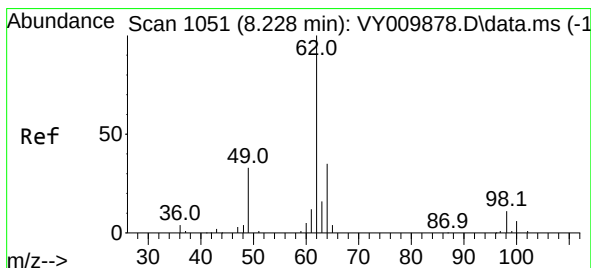
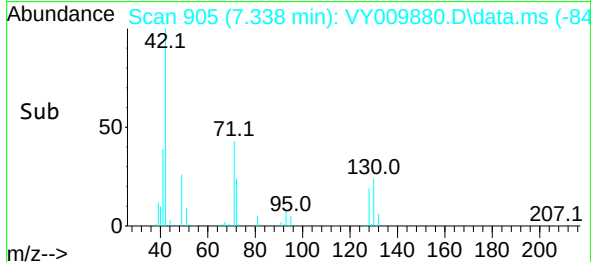
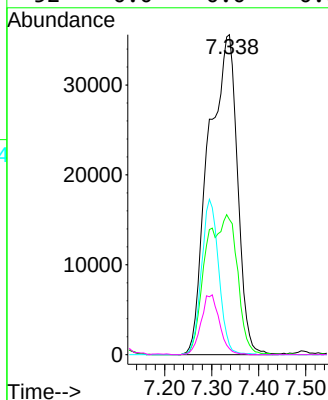
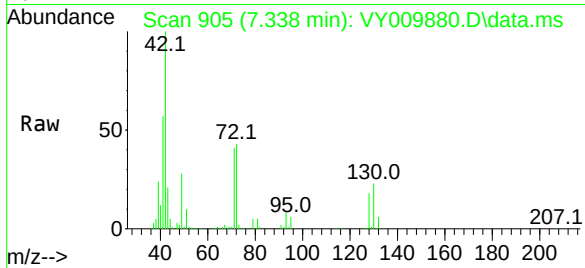




#41
Methacrylonitrile
Concen: 413.532 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.043 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

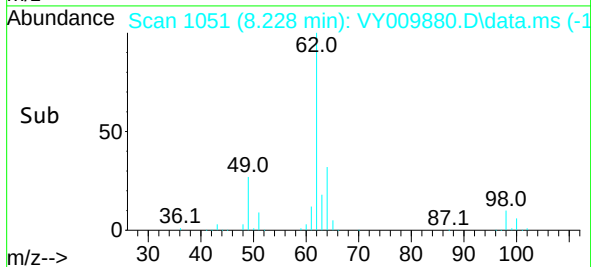
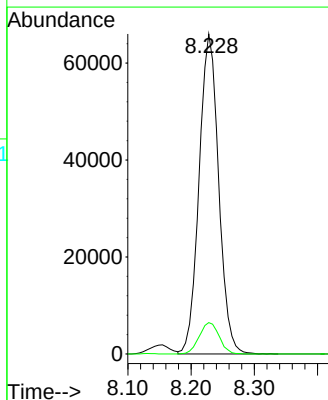
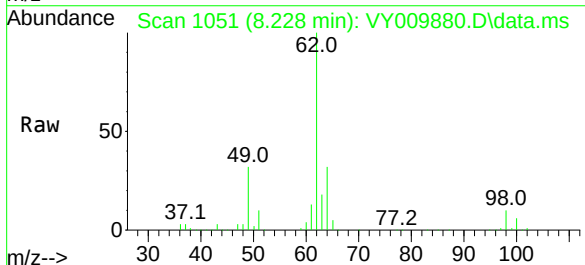
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

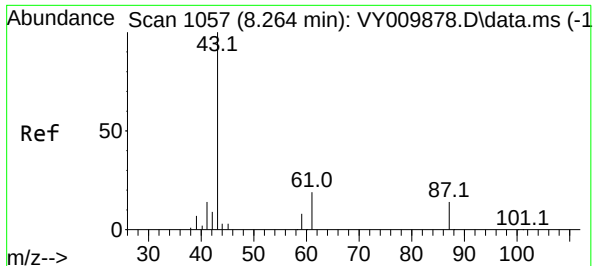
Tgt Ion: 41 Resp: 151395
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 149.310 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion: 62 Resp: 142205
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.6





#43

Isopropyl Acetate

Concen: 163.644 ug/l

RT: 8.264 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

Instrument :

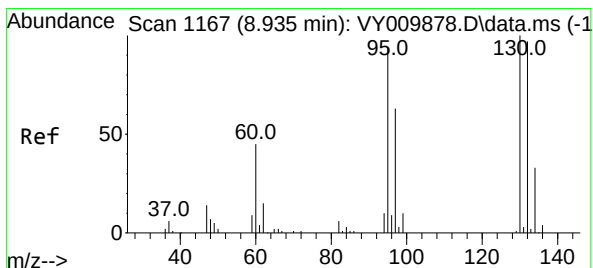
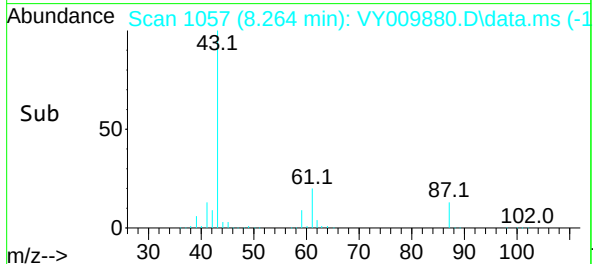
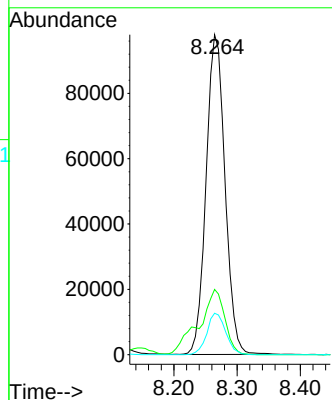
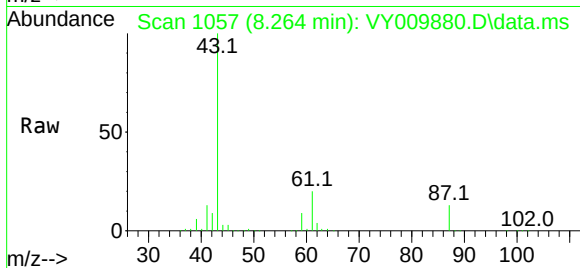
MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 203568

Ion	Ratio	Lower	Upper
43	100		
61	28.2	23.6	35.4
87	12.9	11.3	16.9



#44

Trichloroethene

Concen: 143.445 ug/l

RT: 8.929 min Scan# 1166

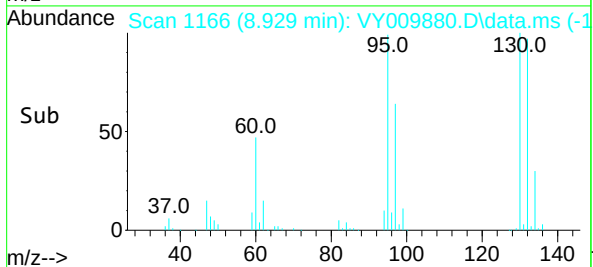
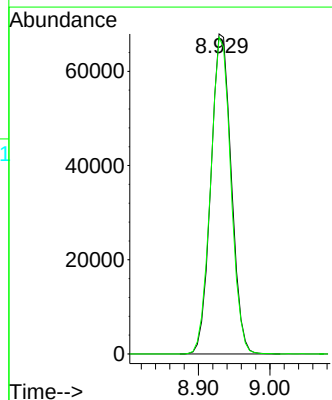
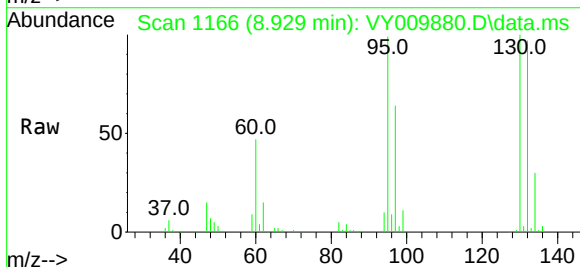
Delta R.T. -0.006 min

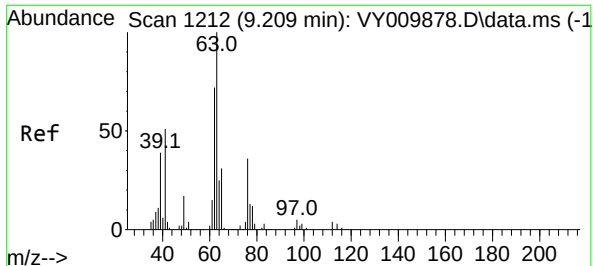
Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

Tgt Ion:130 Resp: 134783

Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	194.6





#45

1,2-Dichloropropane

Concen: 152.738 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

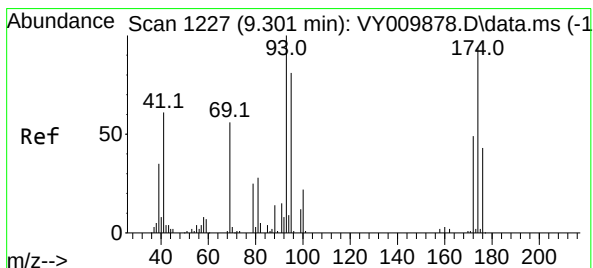
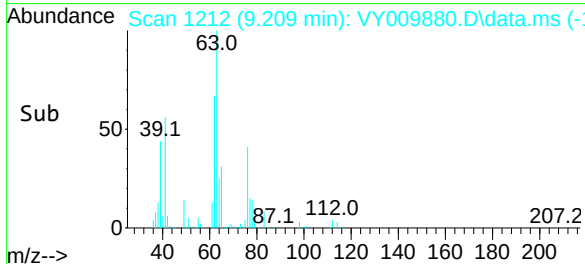
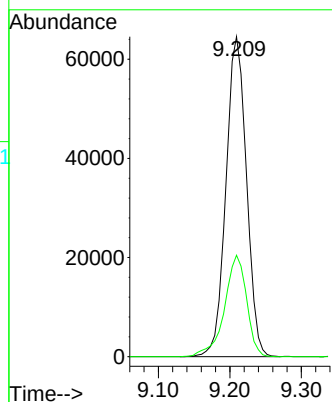
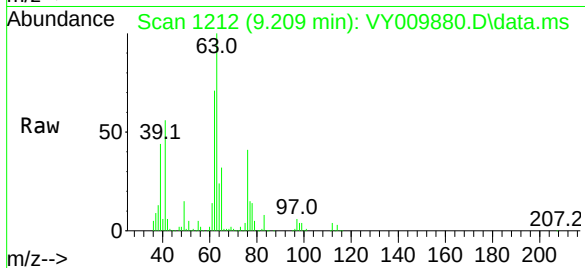
VSTDICC150

Tgt Ion: 63 Resp: 128566

Ion Ratio Lower Upper

63 100

65 31.7 23.7 35.5



#46

Dibromomethane

Concen: 152.280 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

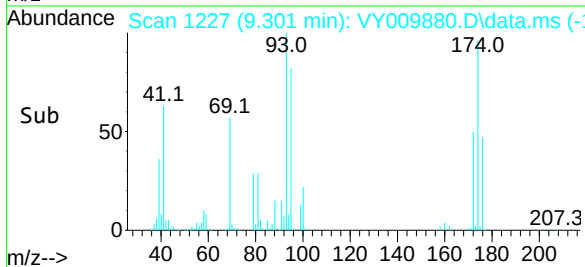
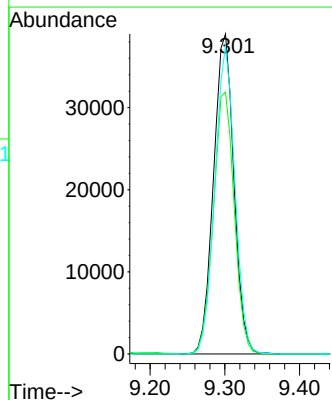
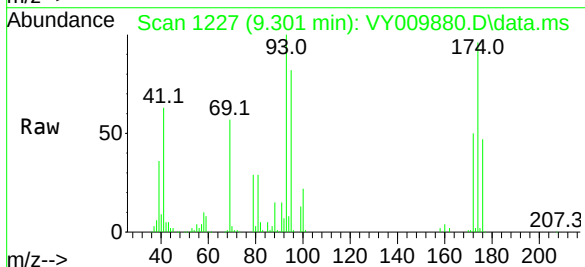
Tgt Ion: 93 Resp: 74087

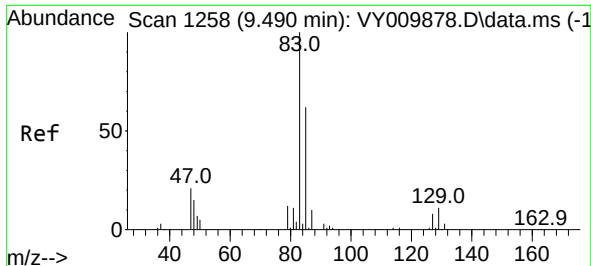
Ion Ratio Lower Upper

93 100

95 83.4 66.3 99.5

174 94.8 80.6 120.8





#47

Bromodichloromethane

Concen: 153.177 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

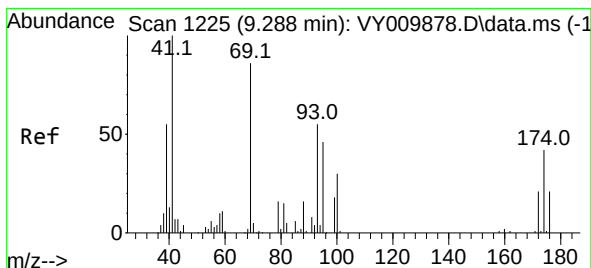
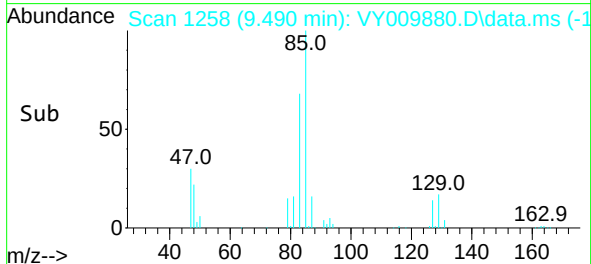
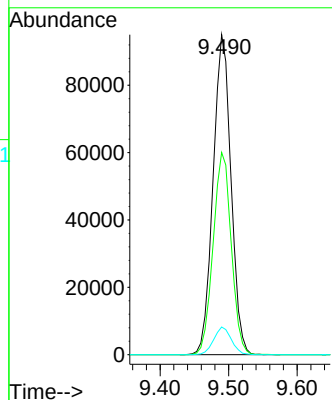
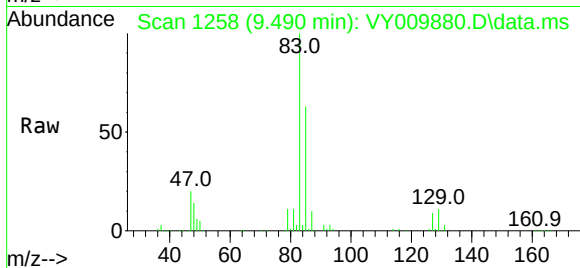
Tgt Ion: 83 Resp: 172276

Ion Ratio Lower Upper

83 100

85 63.2 51.2 76.8

127 8.6 7.1 10.7



#48

Methyl methacrylate

Concen: 172.440 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

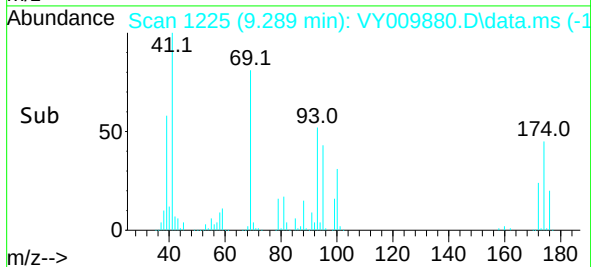
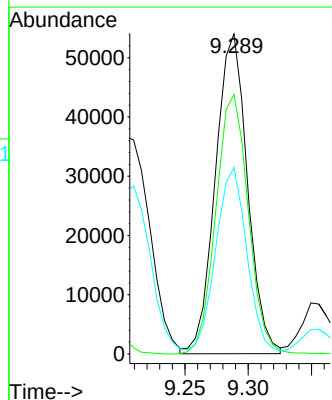
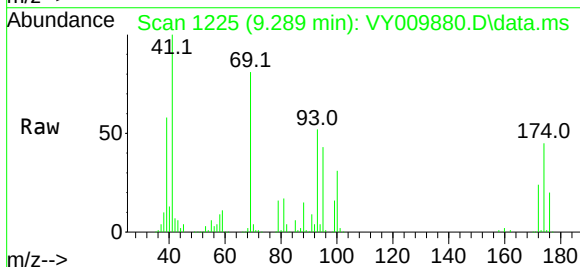
Tgt Ion: 41 Resp: 95146

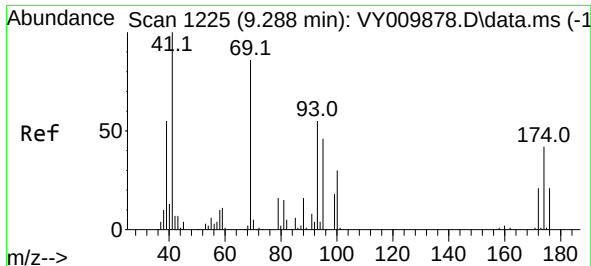
Ion Ratio Lower Upper

41 100

69 82.1 73.2 109.8

39 54.8 47.5 71.3





#49

1,4-Dioxane

Concen: 3106.153 ug/l

RT: 9.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

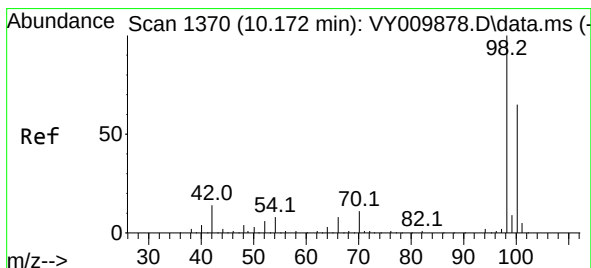
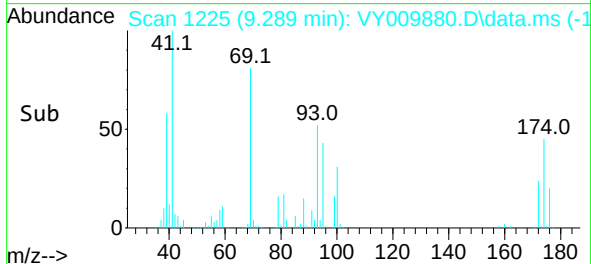
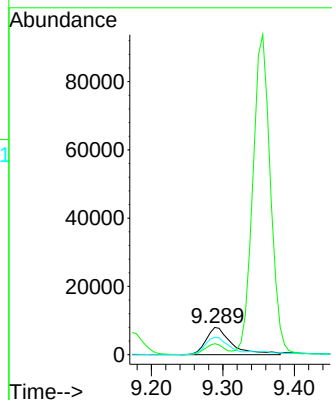
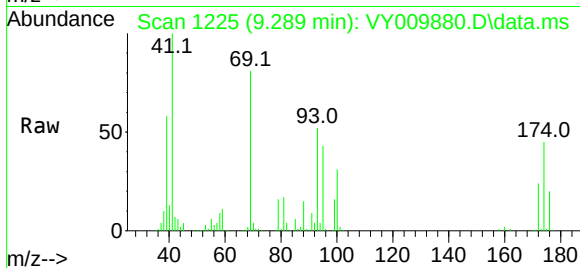
Tgt Ion: 88 Resp: 19985

Ion Ratio Lower Upper

88 100

43 29.9 26.3 39.5

58 58.5 52.6 79.0



#50

Toluene-d8

Concen: 114.892 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY009880.D

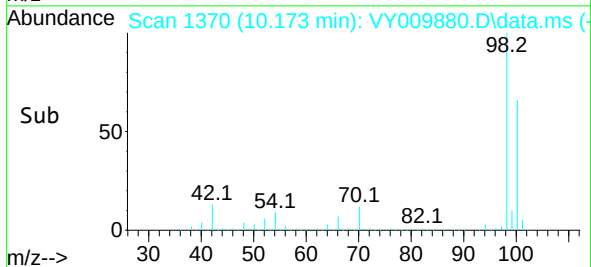
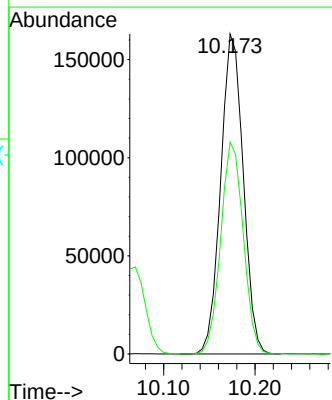
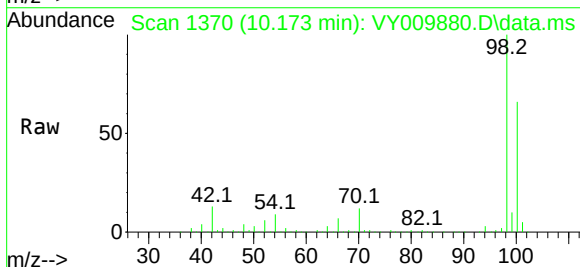
Acq: 08 Aug 2022 17:24

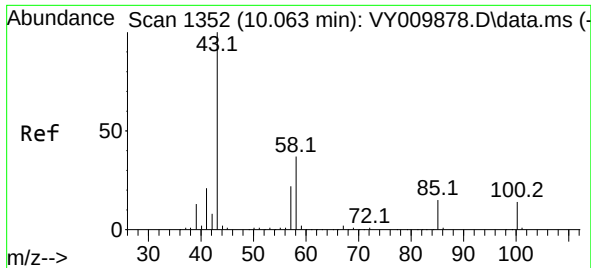
Tgt Ion: 98 Resp: 279326

Ion Ratio Lower Upper

98 100

100 66.4 52.9 79.3

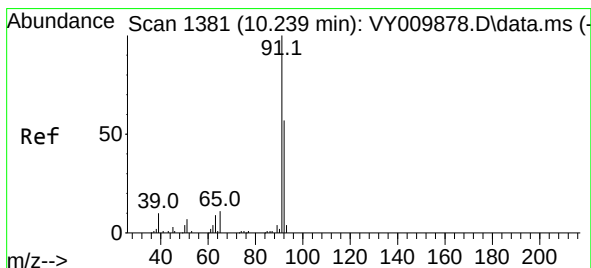
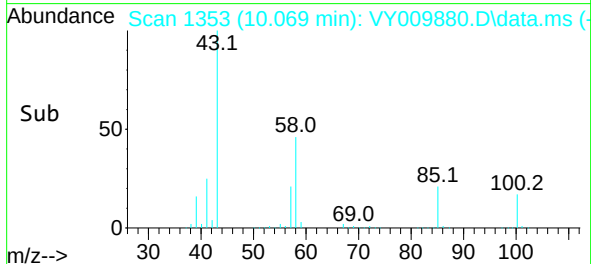
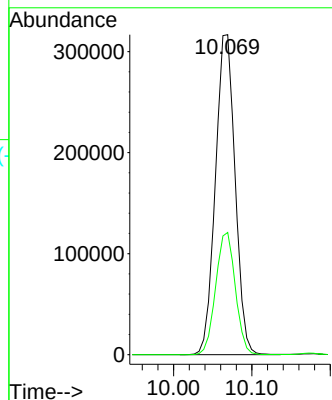
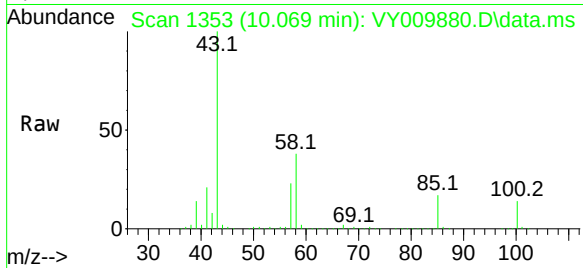




#51
4-Methyl-2-Pentanone
Concen: 865.067 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

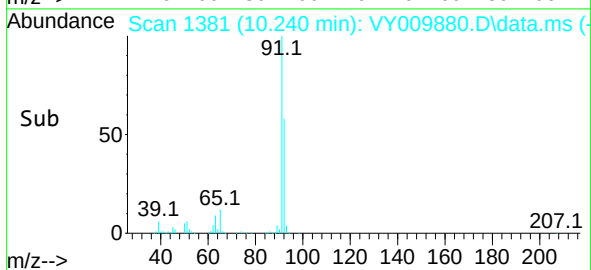
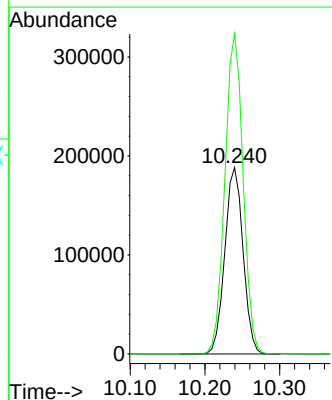
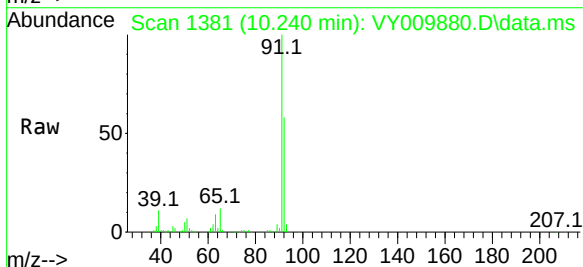
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

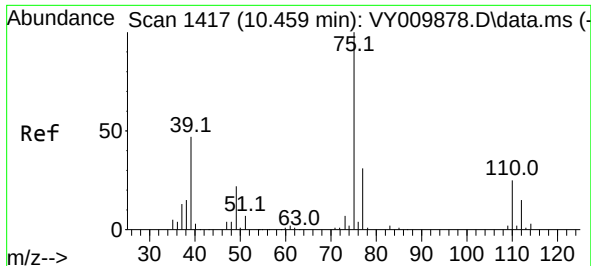
Tgt Ion: 43 Resp: 554576
Ion Ratio Lower Upper
43 100
58 38.0 31.5 47.3



#52
Toluene
Concen: 151.326 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion: 92 Resp: 319587
Ion Ratio Lower Upper
92 100
91 171.4 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 154.251 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

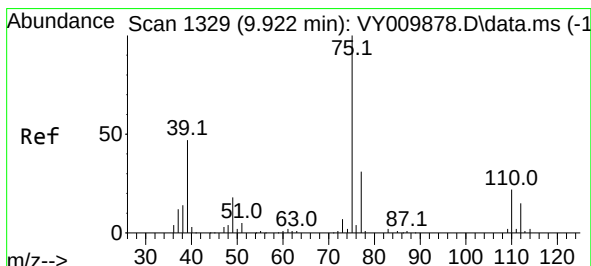
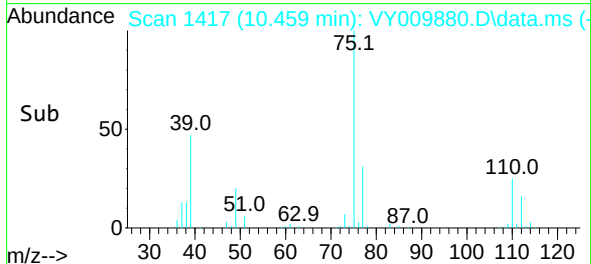
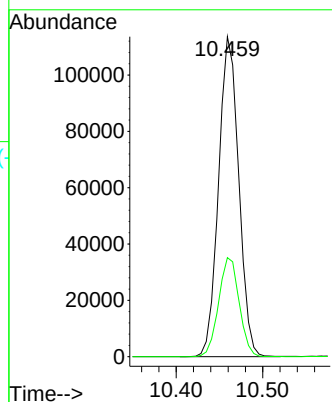
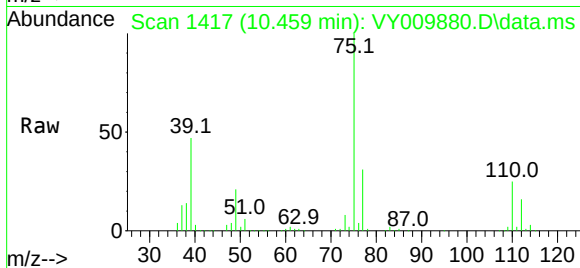
VSTDIC150

Tgt Ion: 75 Resp: 183810

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 152.618 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

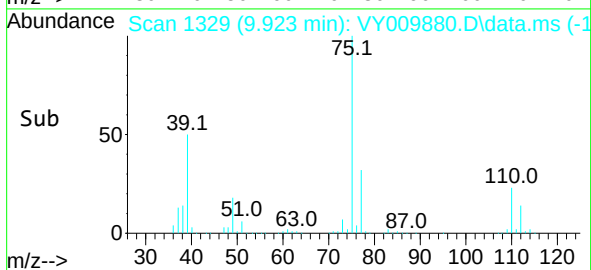
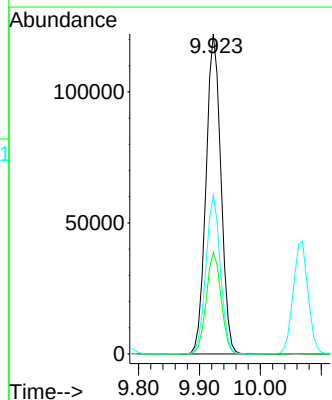
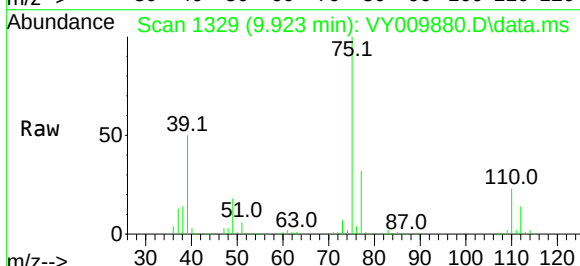
Tgt Ion: 75 Resp: 207534

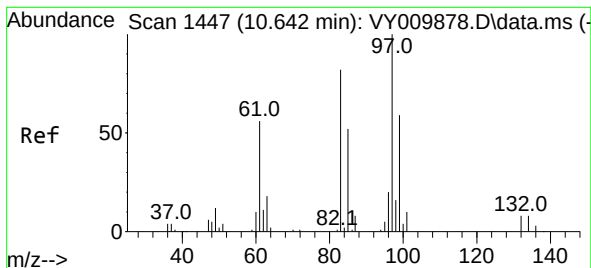
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

39 49.5 35.8 53.8





#55

1,1,2-Trichloroethane

Concen: 150.812 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 101506

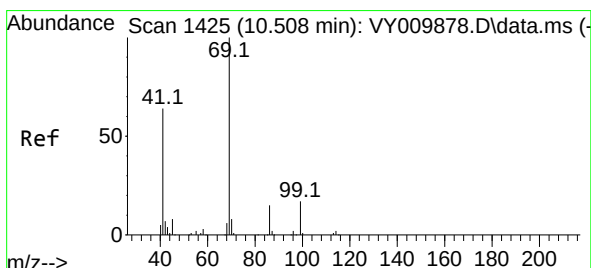
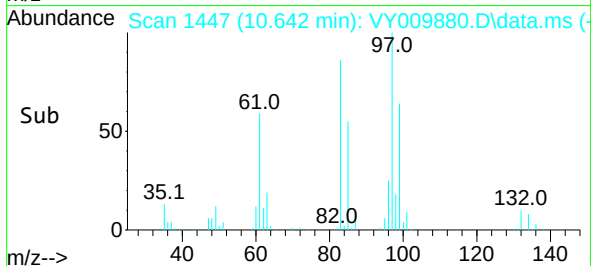
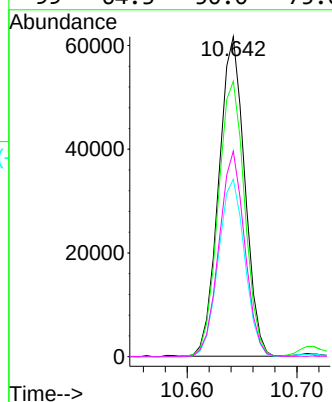
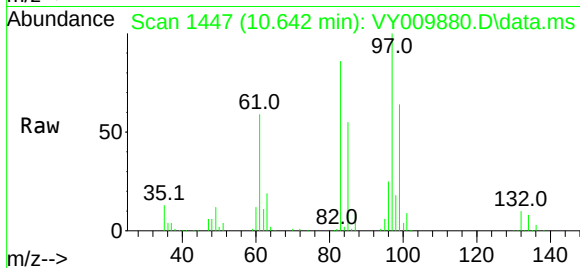
Ion Ratio Lower Upper

97 100

83 86.2 66.9 100.3

85 55.5 44.2 66.4

99 64.3 50.0 75.0



#56

Ethyl methacrylate

Concen: 171.614 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

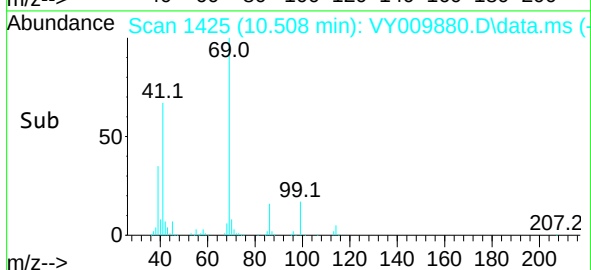
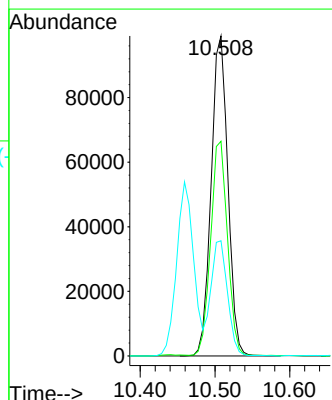
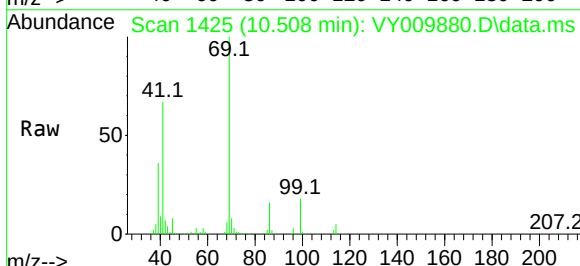
Tgt Ion: 69 Resp: 153782

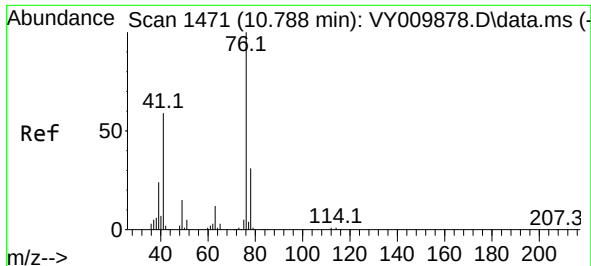
Ion Ratio Lower Upper

69 100

41 67.5 50.4 75.6

39 36.2 27.6 41.4





#57

1,3-Dichloropropane

Concen: 153.767 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

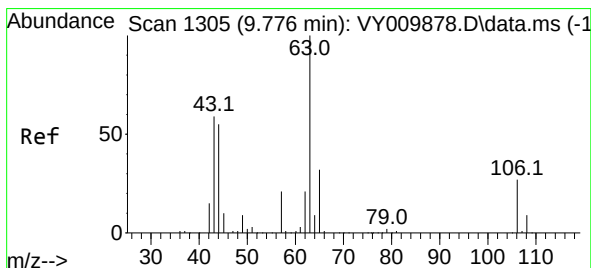
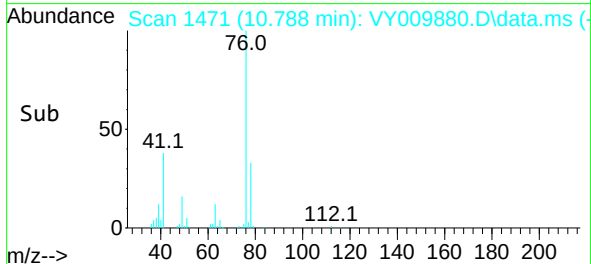
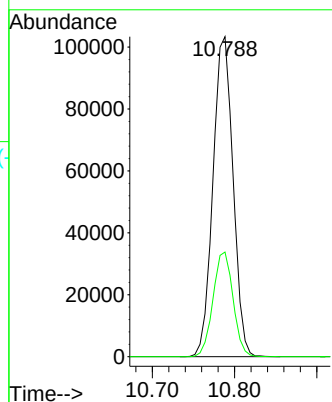
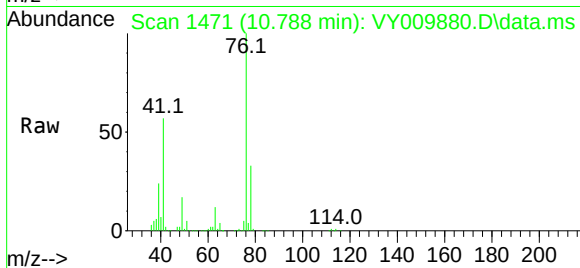
VSTDIC150

Tgt Ion: 76 Resp: 175631

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 683.463 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009880.D

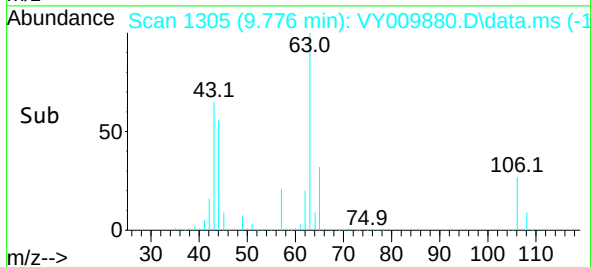
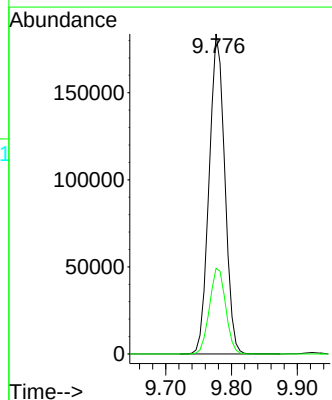
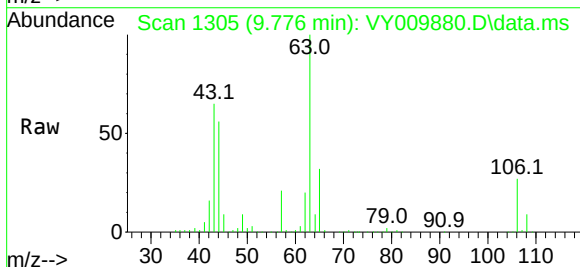
Acq: 08 Aug 2022 17:24

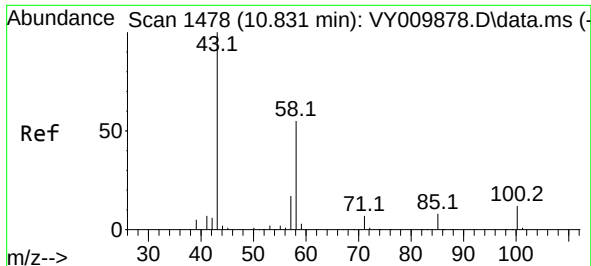
Tgt Ion: 63 Resp: 304125

Ion Ratio Lower Upper

63 100

106 27.6 23.3 34.9

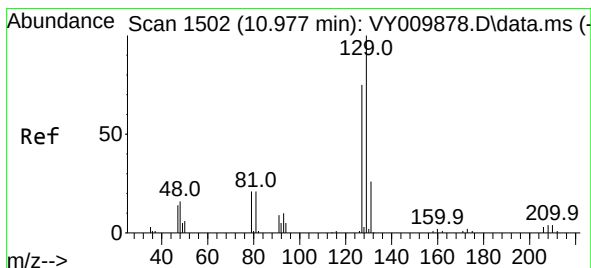
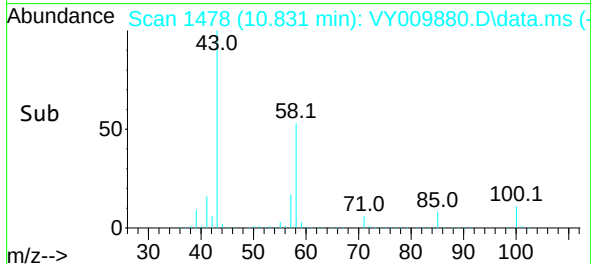
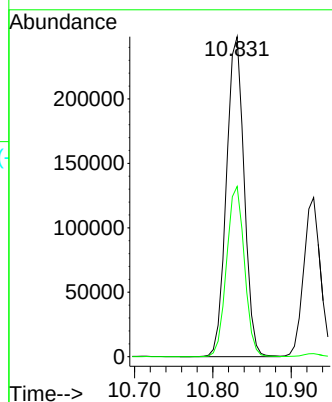
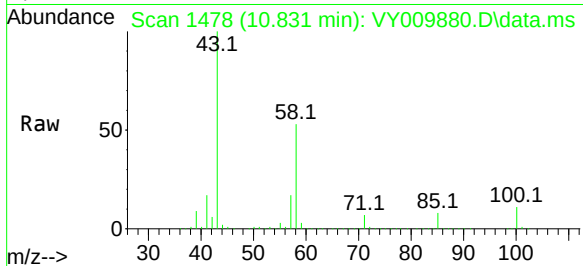




#59
2-Hexanone
Concen: 873.731 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

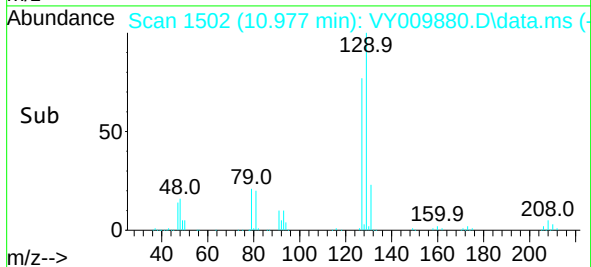
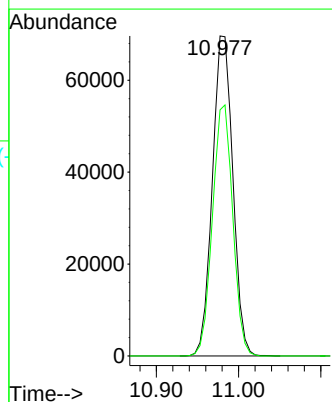
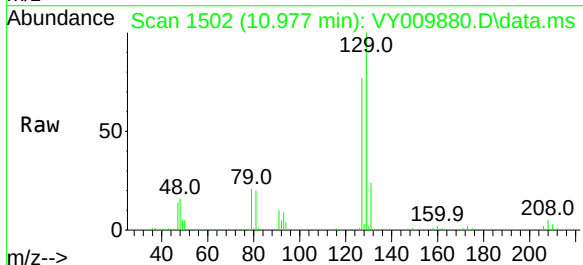
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

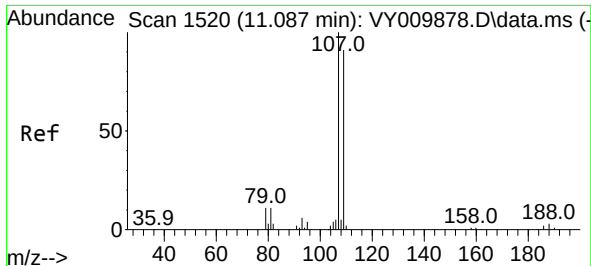
Tgt Ion: 43 Resp: 390501
Ion Ratio Lower Upper
43 100
58 53.6 27.6 82.8



#60
Dibromochloromethane
Concen: 149.685 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion: 129 Resp: 120514
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4

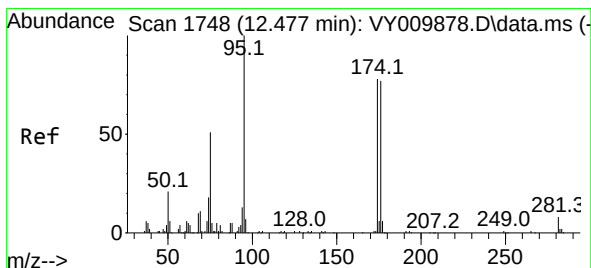
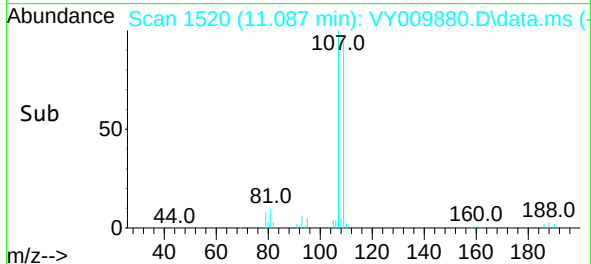
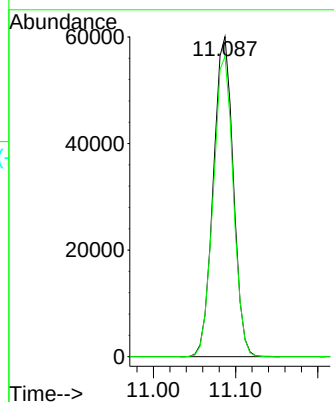
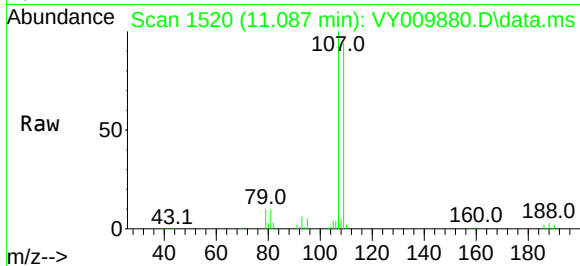




#61
1,2-Dibromoethane
Concen: 154.094 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

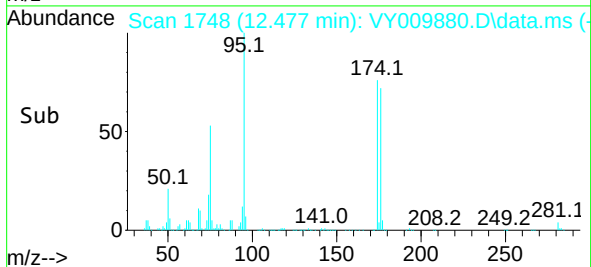
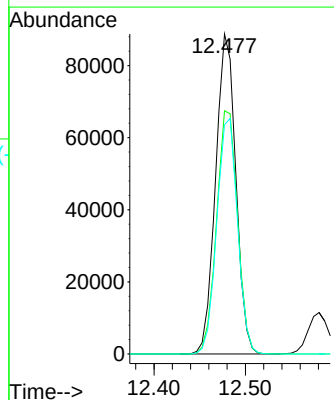
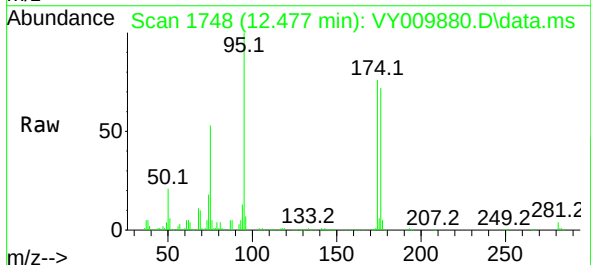
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

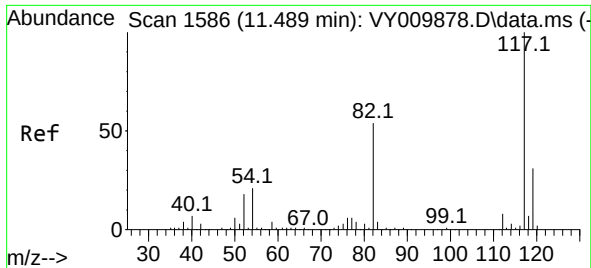
Tgt Ion:107 Resp: 100984
Ion Ratio Lower Upper
107 100
109 94.4 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 139.266 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion: 95 Resp: 136509
Ion Ratio Lower Upper
95 100
174 78.7 0.0 173.8
176 75.3 0.0 167.0

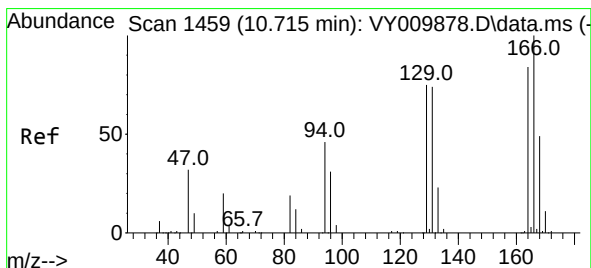
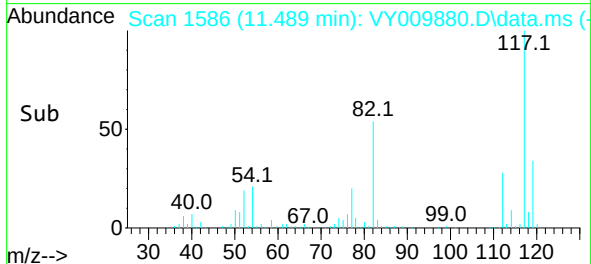
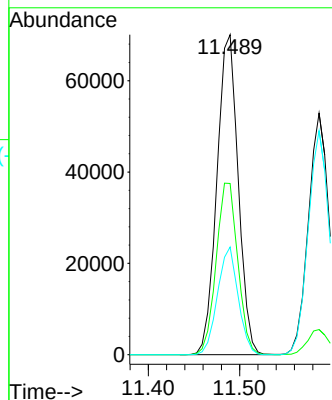
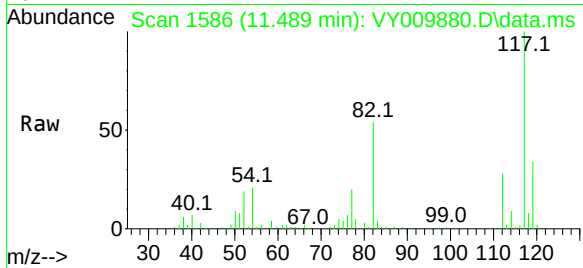




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

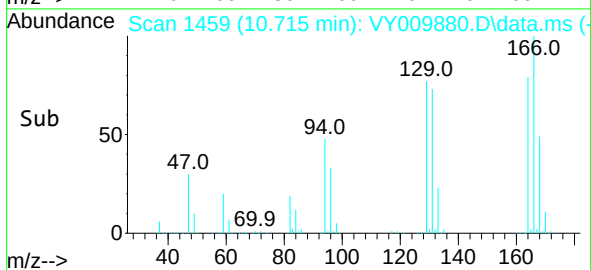
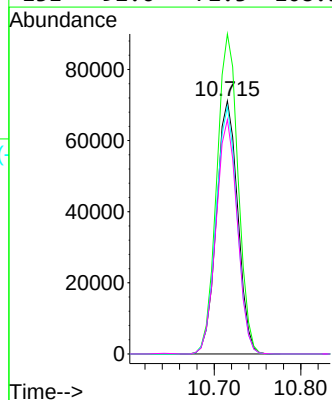
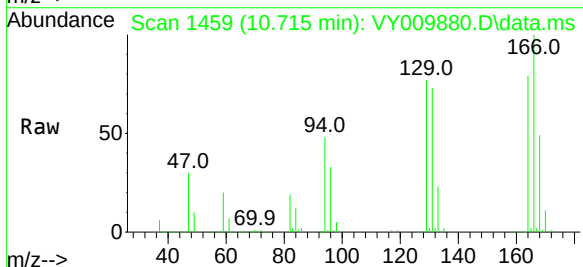
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

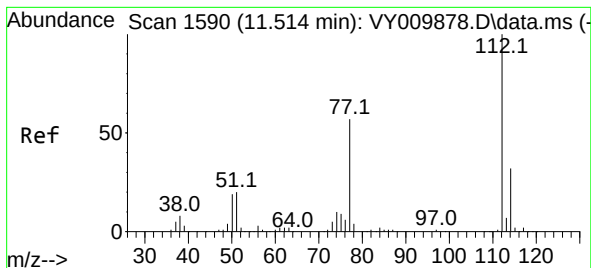
Tgt Ion:117 Resp: 113570
Ion Ratio Lower Upper
117 100
82 53.5 41.8 62.6
119 33.7 25.6 38.4



#64
Tetrachloroethene
Concen: 125.513 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion:164 Resp: 121180
Ion Ratio Lower Upper
164 100
166 126.5 104.9 157.3
129 97.8 76.5 114.7
131 92.6 72.3 108.5

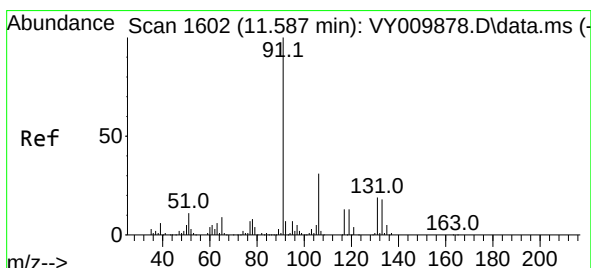
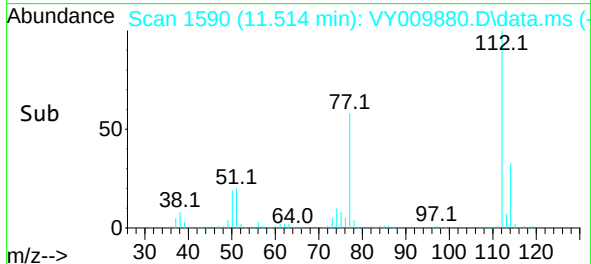
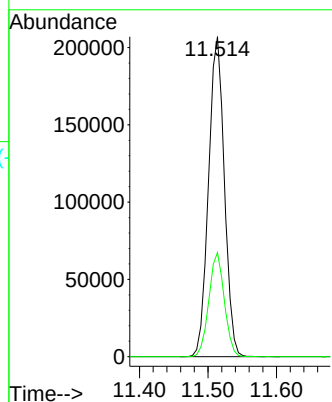
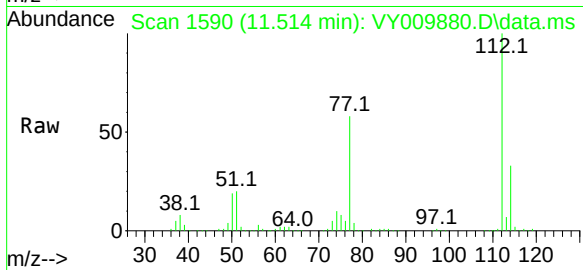




#65
Chlorobenzene
Concen: 146.607 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

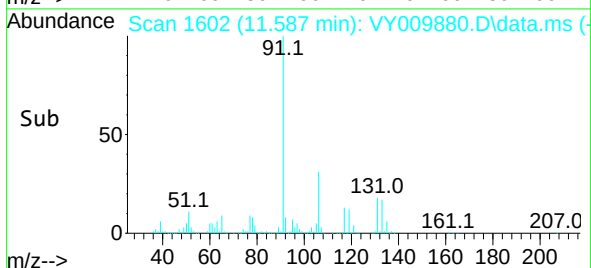
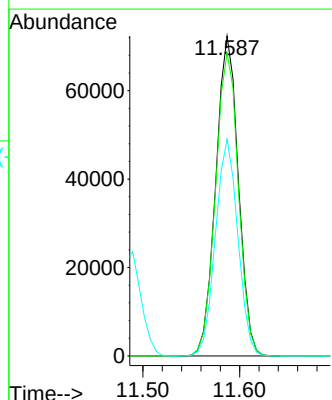
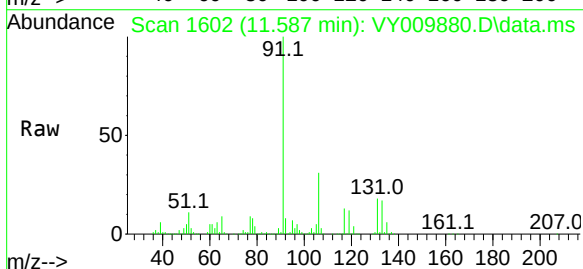
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

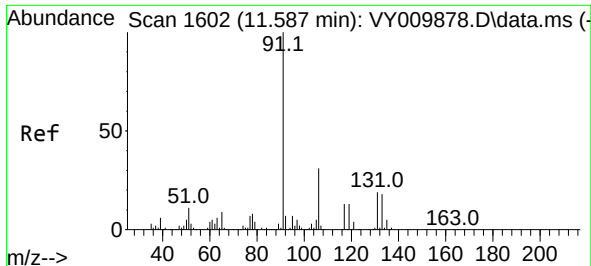
Tgt Ion:112 Resp: 332005
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 144.365 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion:131 Resp: 117071
Ion Ratio Lower Upper
131 100
133 96.1 47.3 142.0
119 67.4 32.1 96.3





#67

Ethyl Benzene

Concen: 150.065 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

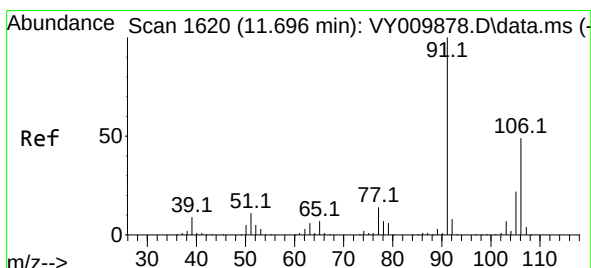
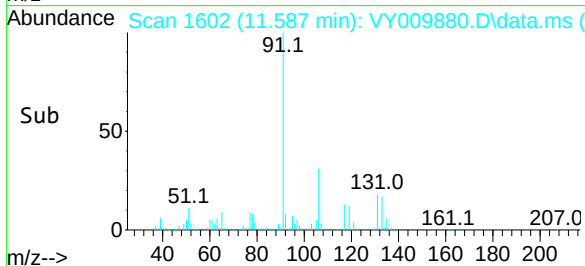
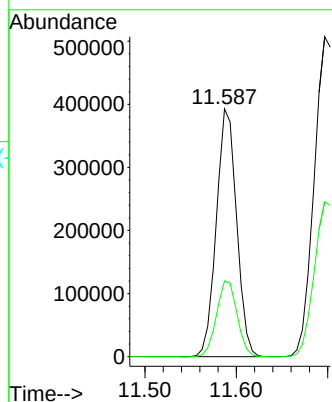
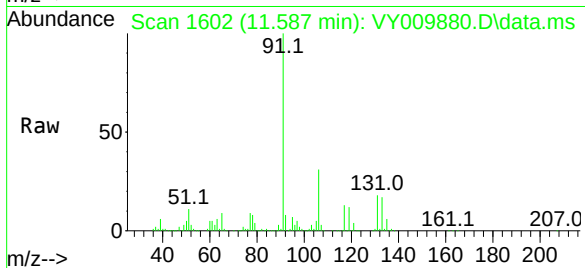
VSTDIC150

Tgt Ion: 91 Resp: 604979

Ion Ratio Lower Upper

91 100

106 30.6 26.2 39.4



#68

m/p-Xylenes

Concen: 292.388 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY009880.D

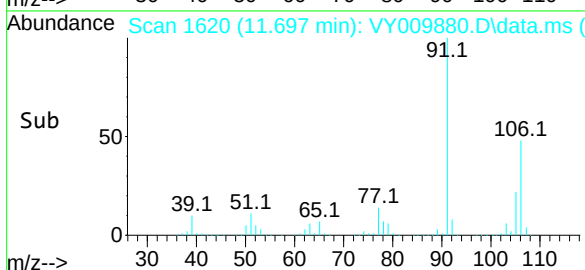
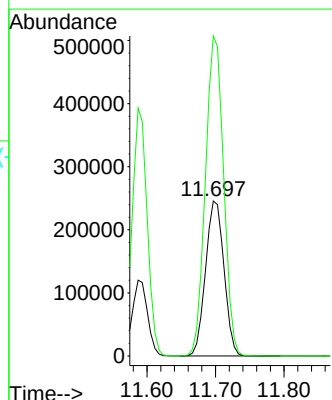
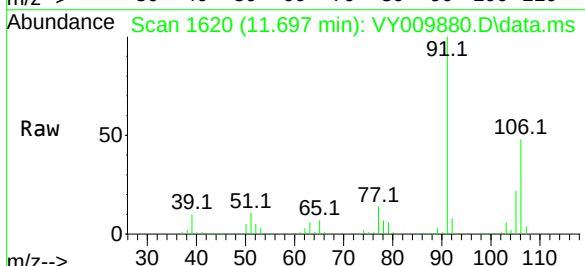
Acq: 08 Aug 2022 17:24

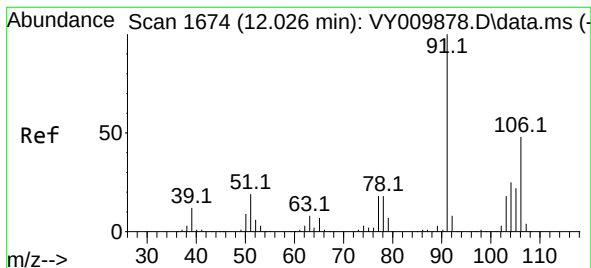
Tgt Ion:106 Resp: 459991

Ion Ratio Lower Upper

106 100

91 203.9 156.2 234.2





#69

o-Xylene

Concen: 148.248 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

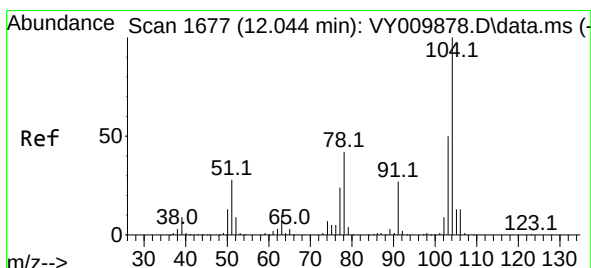
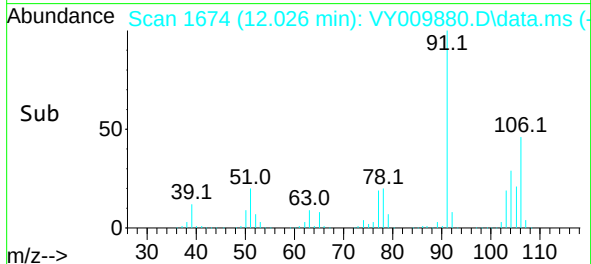
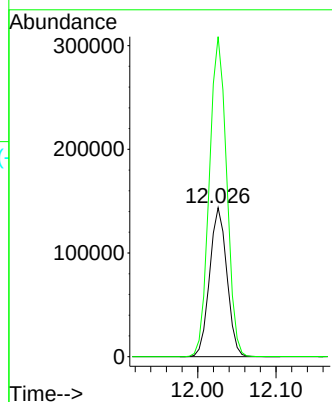
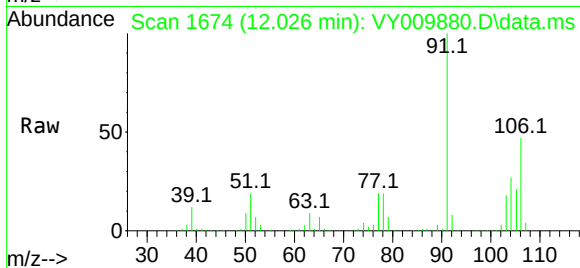
VSTDICC150

Tgt Ion:106 Resp: 219634

Ion Ratio Lower Upper

106 100

91 215.9 103.2 309.4



#70

Styrene

Concen: 156.014 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

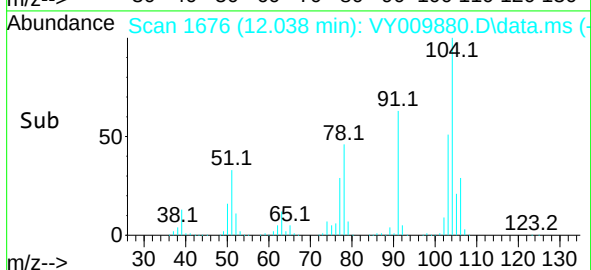
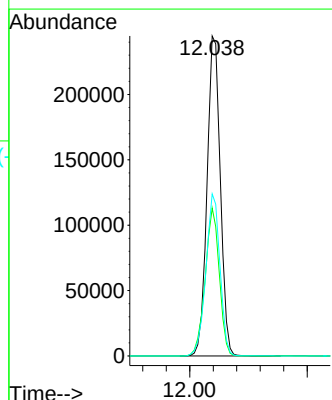
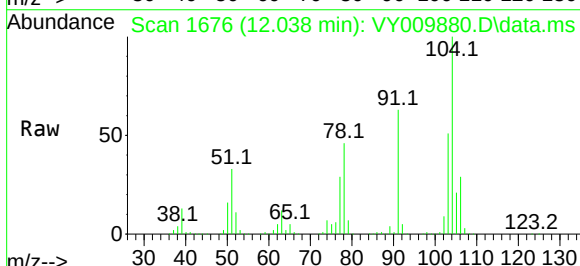
Tgt Ion:104 Resp: 384623

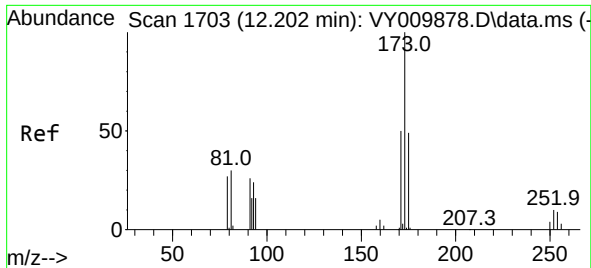
Ion Ratio Lower Upper

104 100

78 49.1 38.6 57.8

103 53.7 43.3 64.9

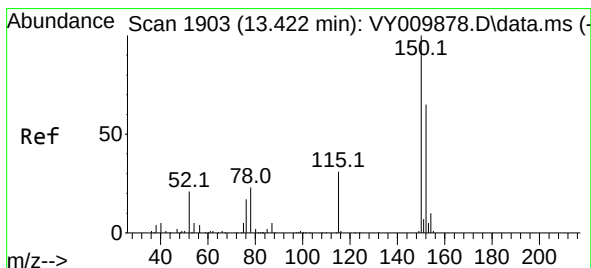
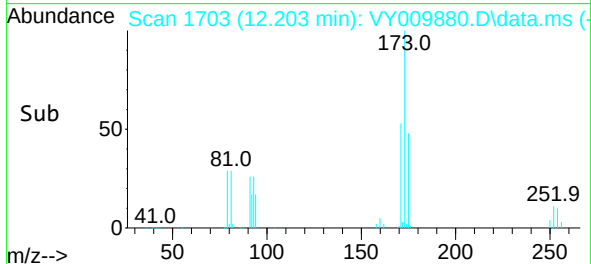
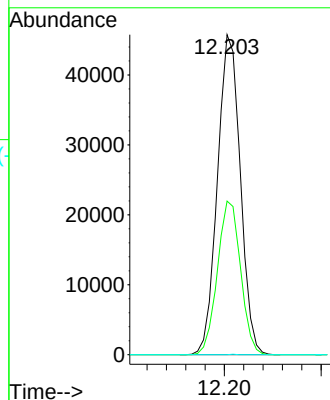
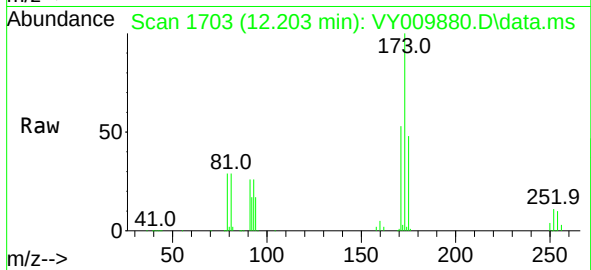




#71
Bromoform
Concen: 148.231 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

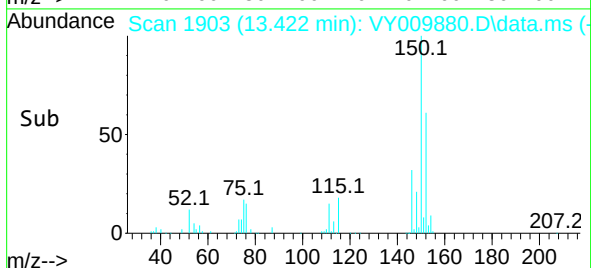
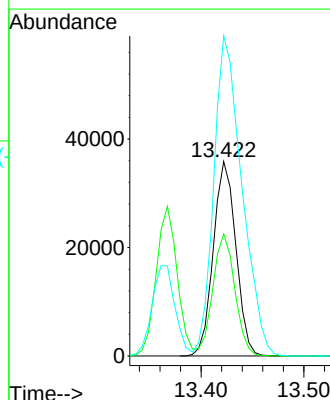
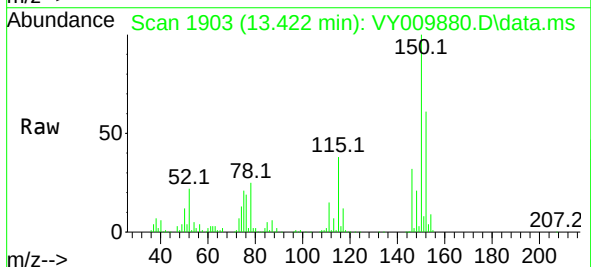
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

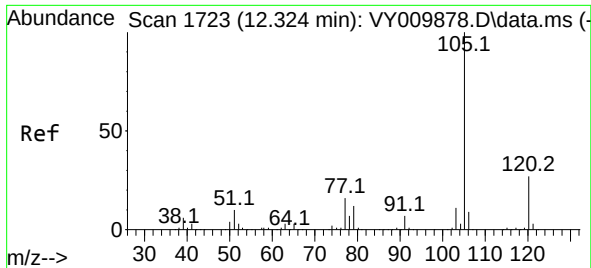
Tgt Ion:173 Resp: 74927
Ion Ratio Lower Upper
173 100
175 48.6 24.4 73.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion:152 Resp: 54584
Ion Ratio Lower Upper
152 100
115 61.5 28.6 85.9
150 205.7 0.0 349.8

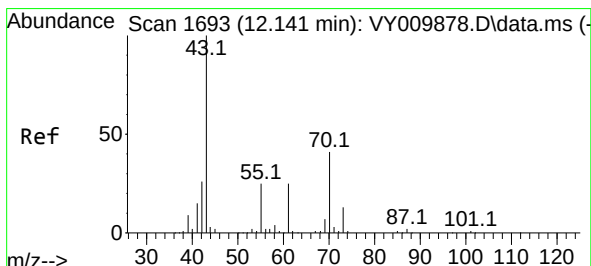
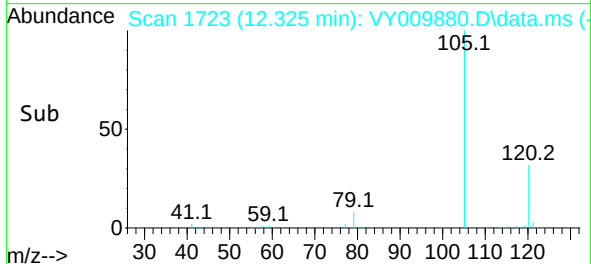
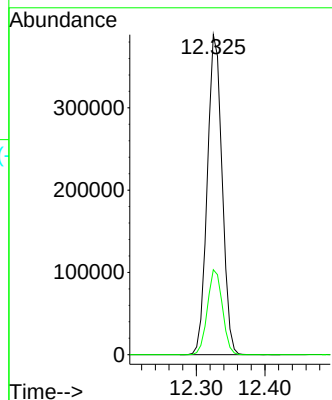
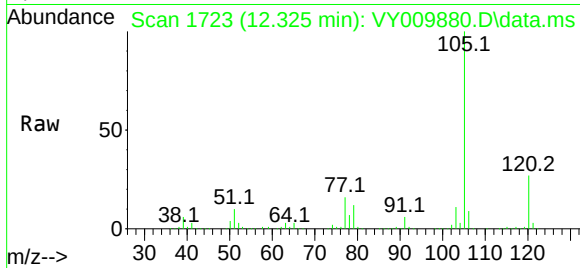




#73
Isopropylbenzene
Concen: 154.924 ug/l
RT: 12.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

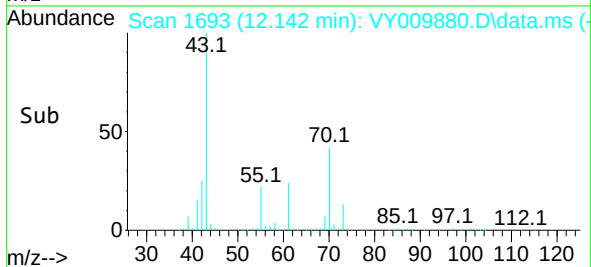
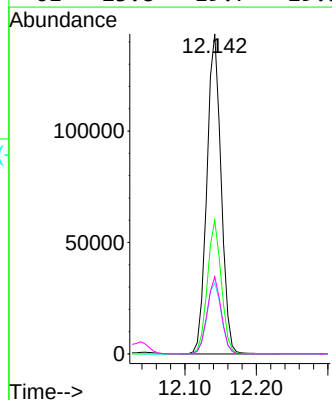
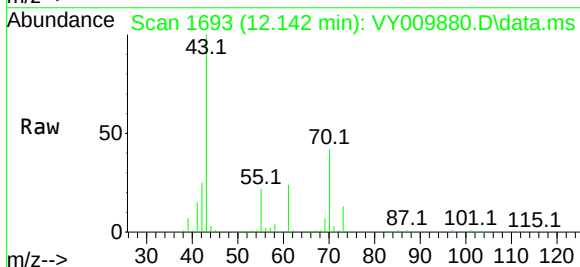
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

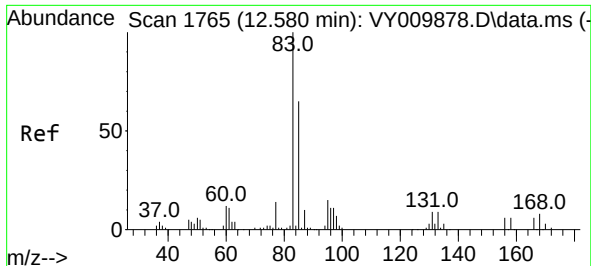
Tgt Ion:105 Resp: 584578
Ion Ratio Lower Upper
105 100
120 26.8 13.7 41.1



#74
N-ethyl acetate
Concen: 188.925 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion: 43 Resp: 198771
Ion Ratio Lower Upper
43 100
70 40.9 35.6 53.4
55 23.0 19.5 29.3
61 23.8 19.7 29.5

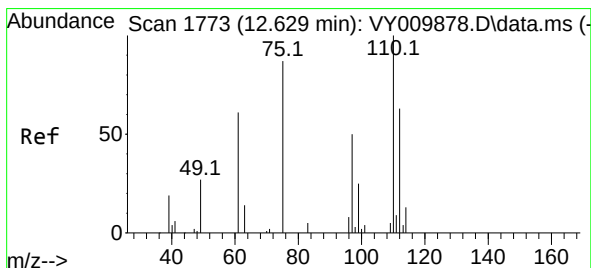
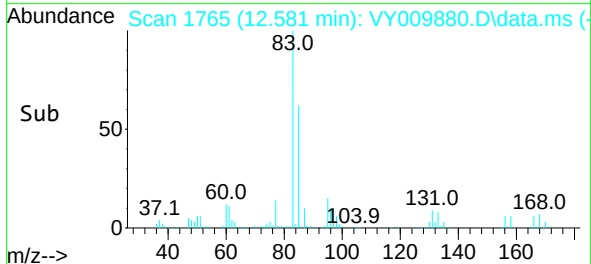
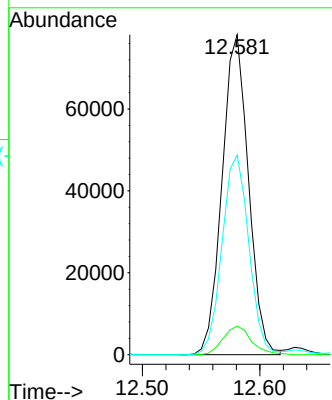
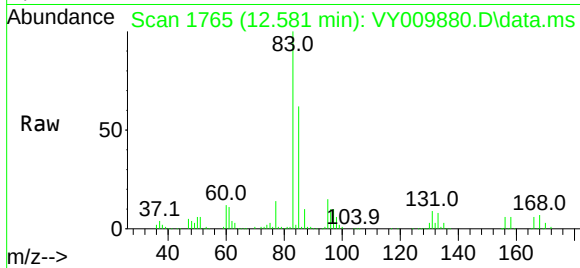




#75
 1,1,2,2-Tetrachloroethane
 Concen: 167.465 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY009880.D
 Acq: 08 Aug 2022 17:24

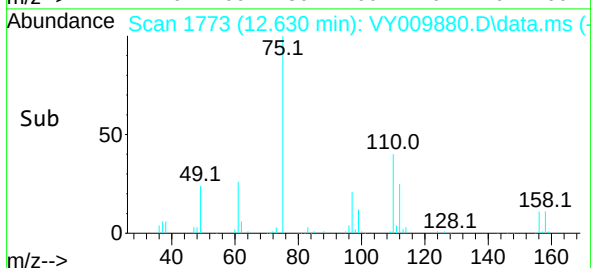
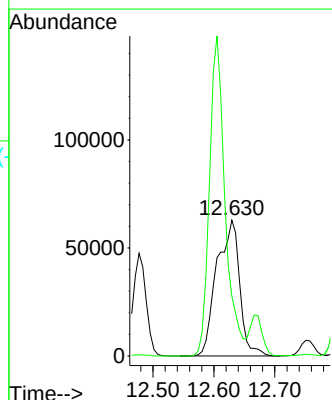
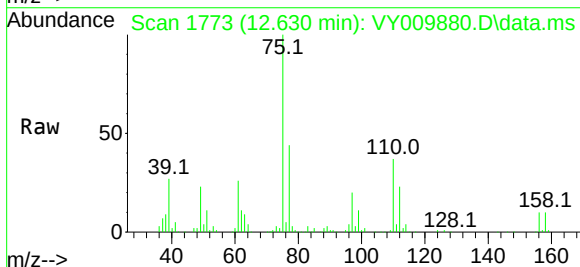
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

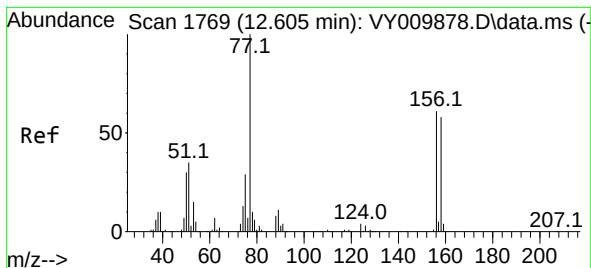
Tgt Ion: 83 Resp: 122002
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.4 16.2
 85 63.4 32.8 98.4



#76
 1,2,3-Trichloropropane
 Concen: 300.609 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY009880.D
 Acq: 08 Aug 2022 17:24

Tgt Ion: 75 Resp: 163975
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 144.525 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

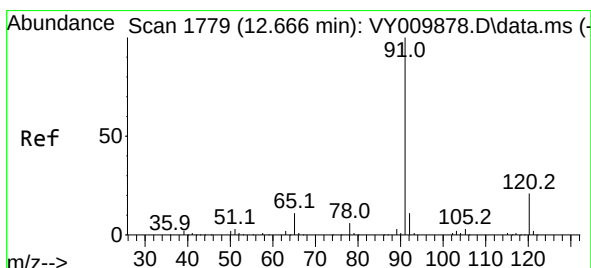
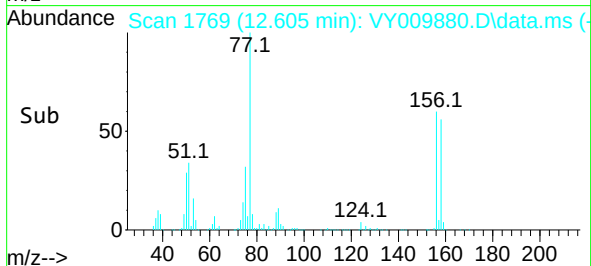
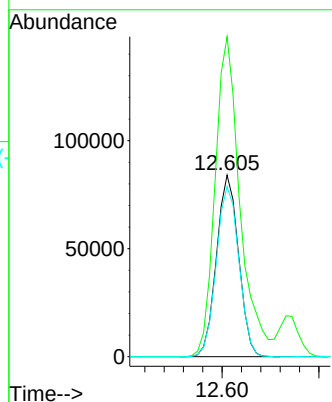
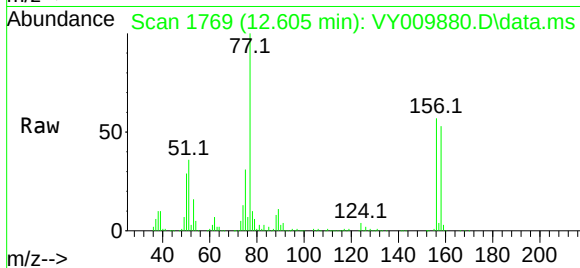
Tgt Ion:156 Resp: 132839

Ion Ratio Lower Upper

156 100

77 198.1 88.1 264.3

158 96.2 48.6 145.8



#78

n-propylbenzene

Concen: 155.608 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009880.D

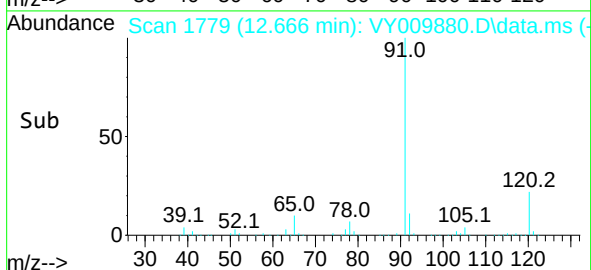
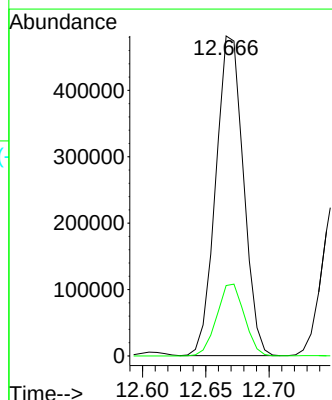
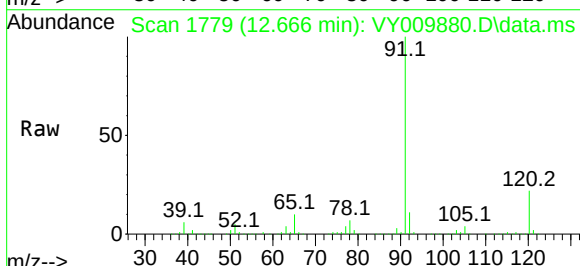
Acq: 08 Aug 2022 17:24

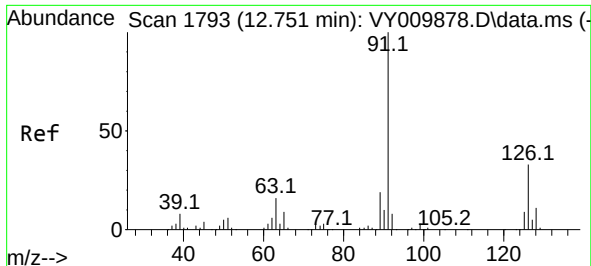
Tgt Ion: 91 Resp: 731750

Ion Ratio Lower Upper

91 100

120 22.4 11.9 35.5

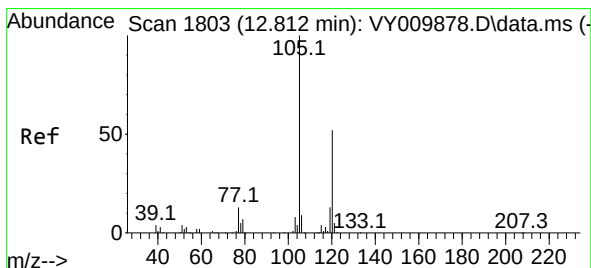
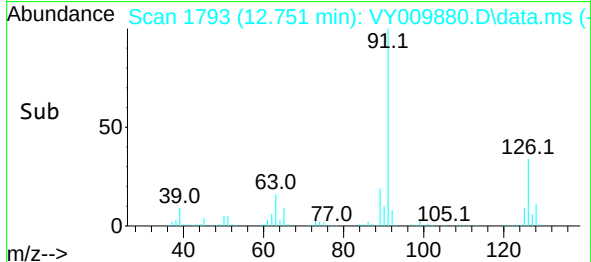
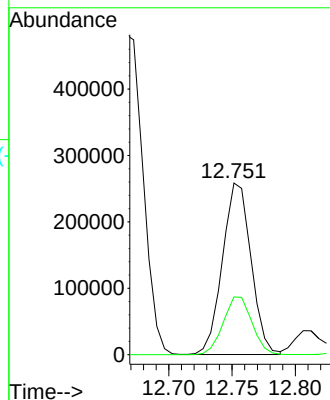
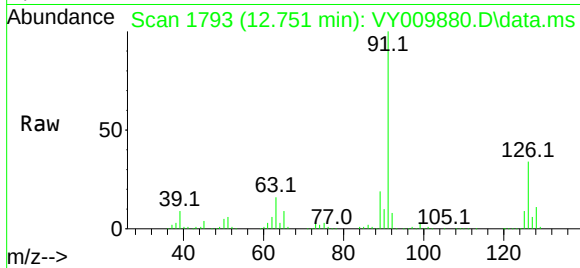




#79
2-Chlorotoluene
Concen: 156.199 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

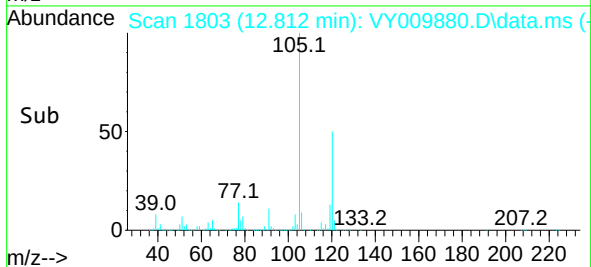
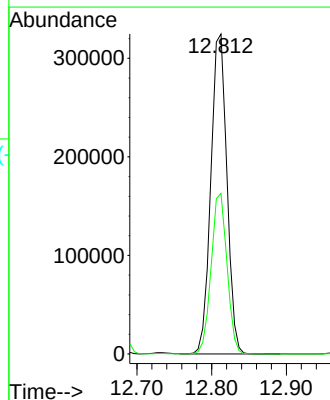
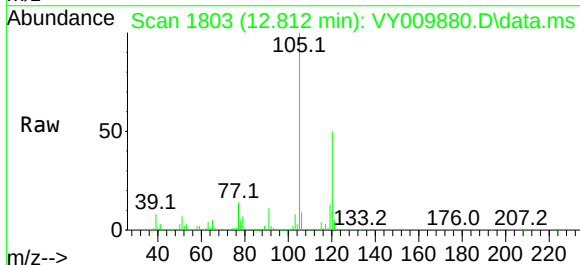
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

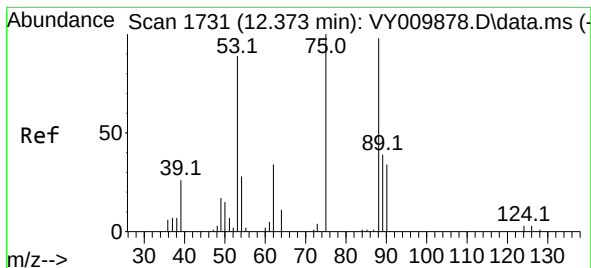
Tgt Ion: 91 Resp: 406244
Ion Ratio Lower Upper
91 100
126 34.0 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 151.846 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion:105 Resp: 484681
Ion Ratio Lower Upper
105 100
120 49.6 25.3 75.8

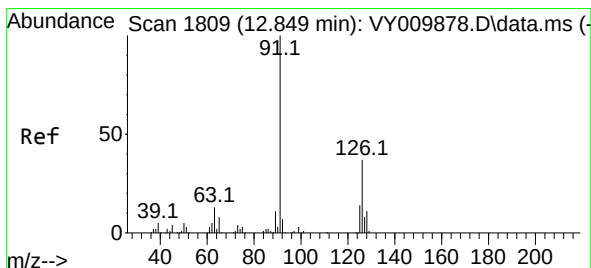
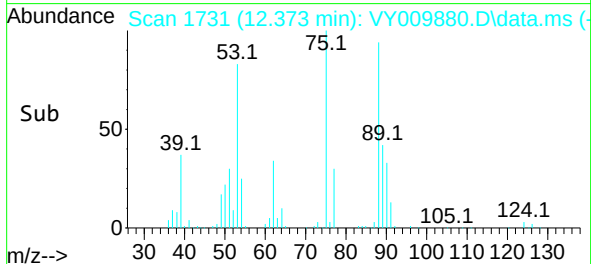
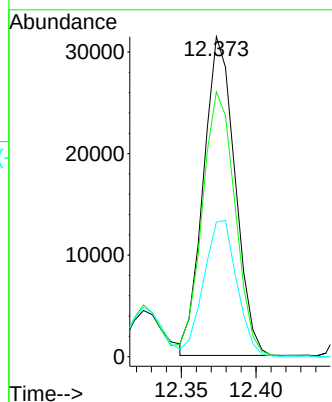
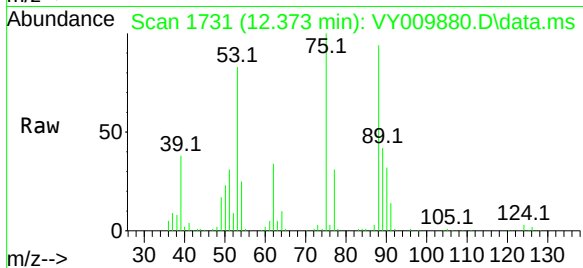




#81
trans-1,4-Dichloro-2-butene
Concen: 167.725 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

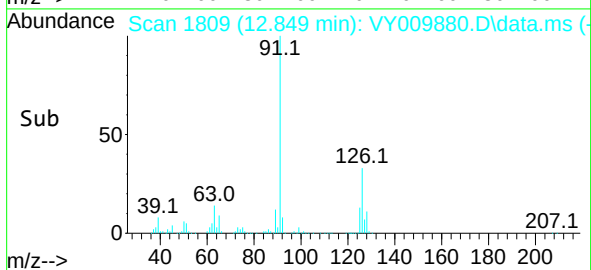
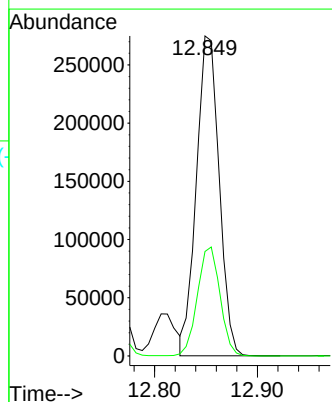
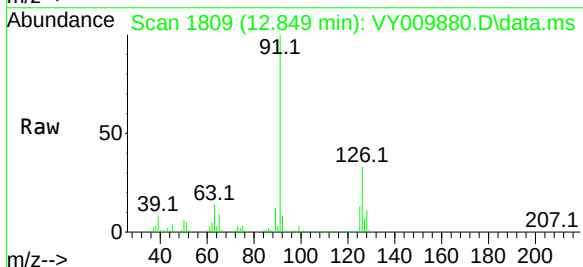
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

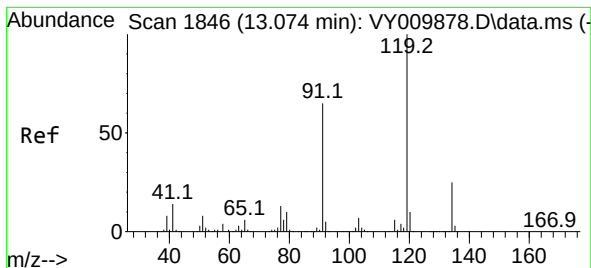
Tgt Ion: 75 Resp: 46073
Ion Ratio Lower Upper
75 100
53 87.5 71.4 107.2
89 45.0 38.1 57.1



#82
4-Chlorotoluene
Concen: 155.733 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion: 91 Resp: 423387
Ion Ratio Lower Upper
91 100
126 34.0 18.0 54.0





#83

tert-Butylbenzene

Concen: 151.046 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

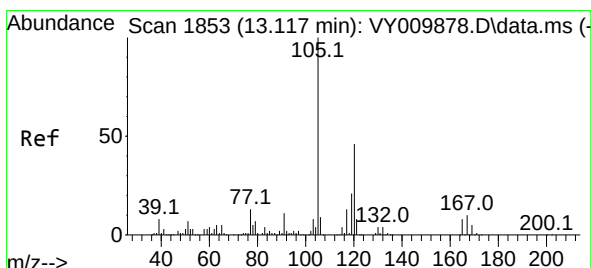
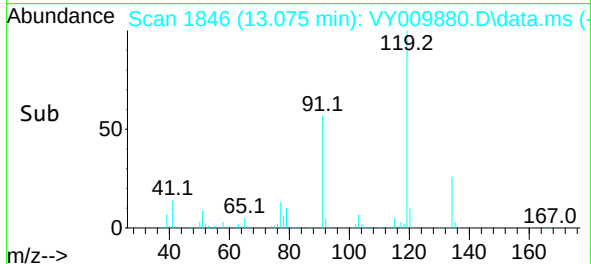
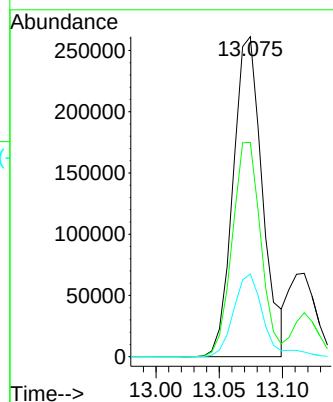
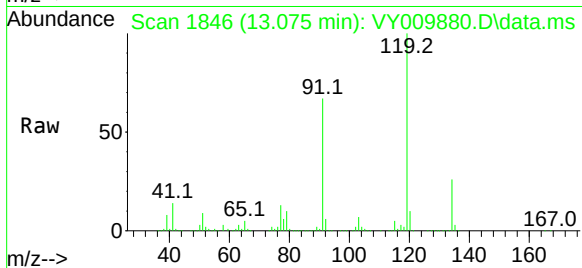
Tgt Ion:119 Resp: 421496

Ion Ratio Lower Upper

119 100

91 65.3 32.0 96.0

134 26.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 150.898 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009880.D

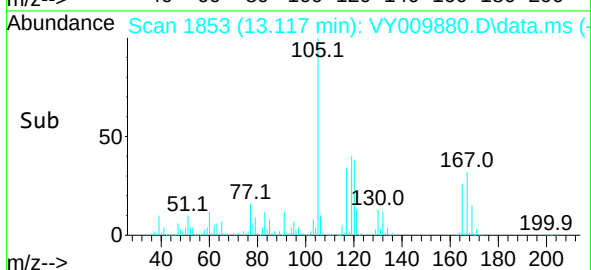
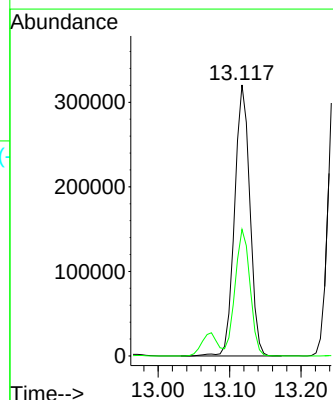
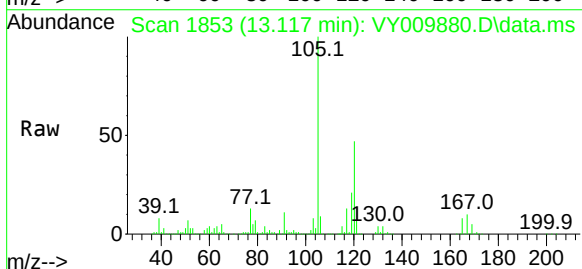
Acq: 08 Aug 2022 17:24

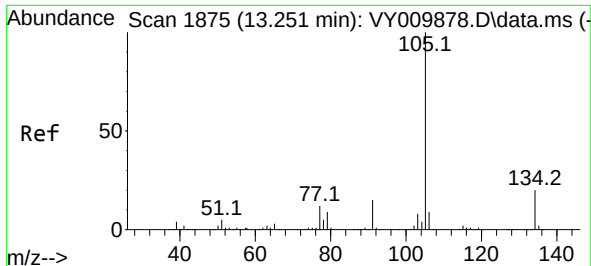
Tgt Ion:105 Resp: 475159

Ion Ratio Lower Upper

105 100

120 45.5 23.4 70.3

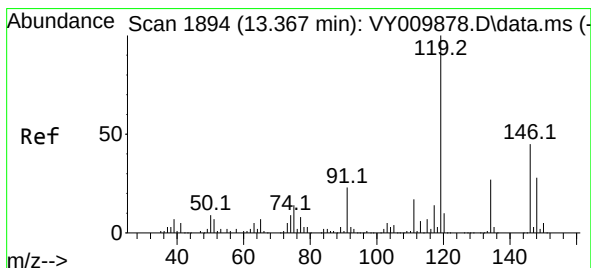
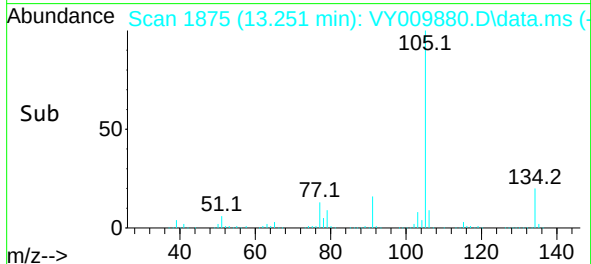
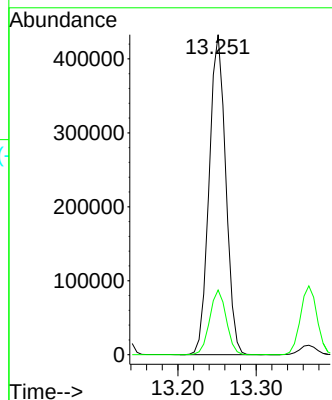
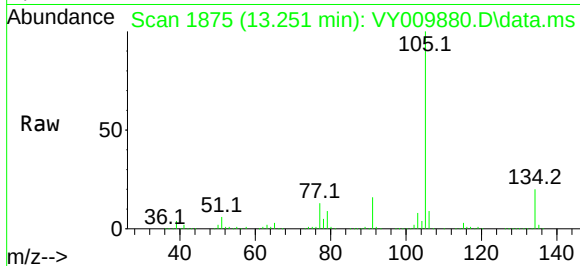




#85
 sec-Butylbenzene
 Concen: 153.138 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009880.D
 Acq: 08 Aug 2022 17:24

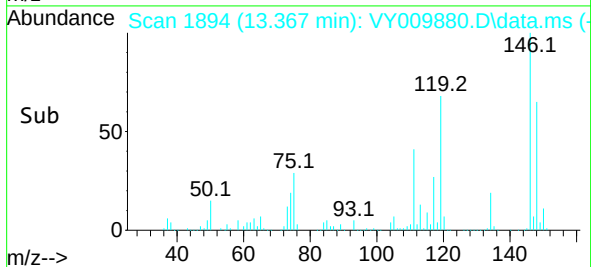
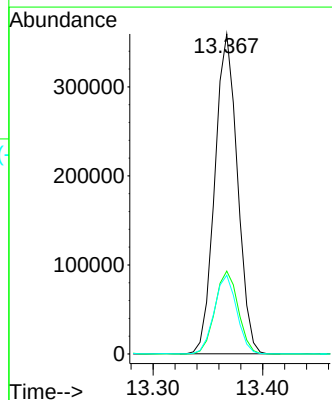
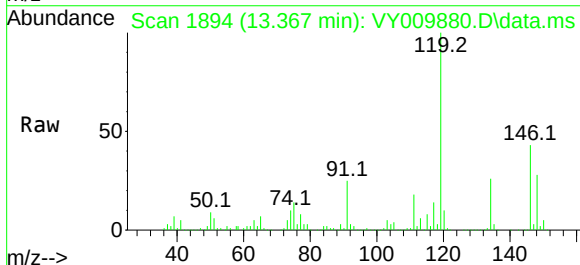
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

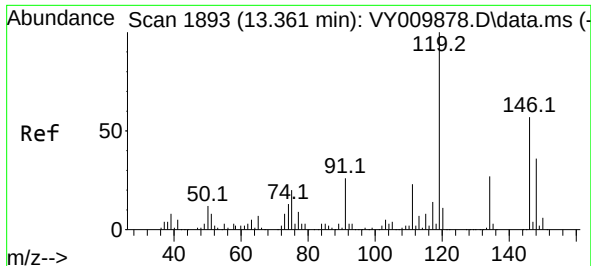
Tgt Ion:105 Resp: 636007
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 150.432 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009880.D
 Acq: 08 Aug 2022 17:24

Tgt Ion:119 Resp: 515319
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 24.4 11.6 34.8

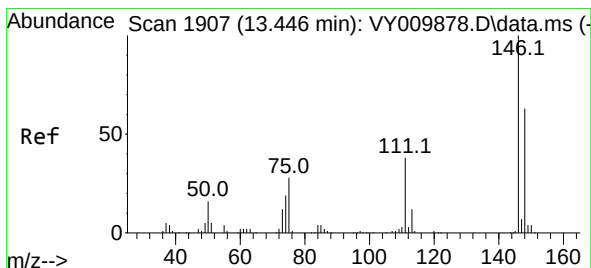
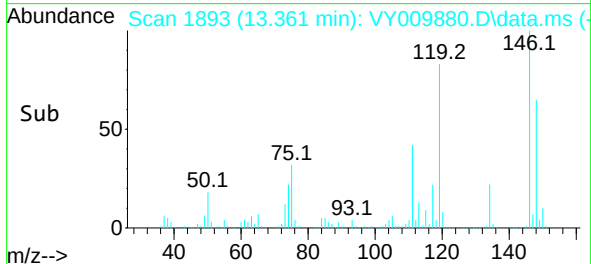
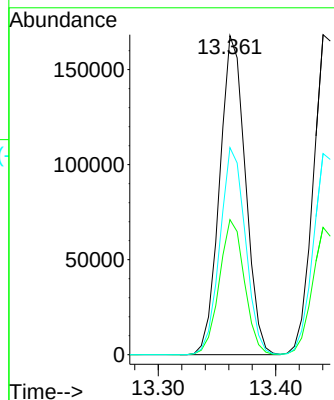
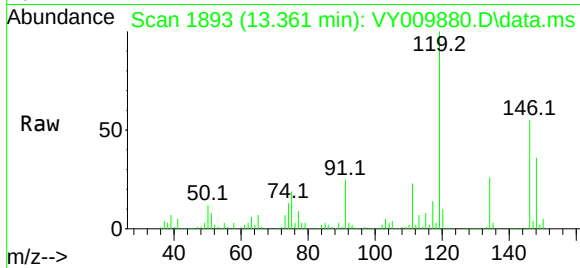




#87
 1,3-Dichlorobenzene
 Concen: 143.894 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY009880.D
 Acq: 08 Aug 2022 17:24

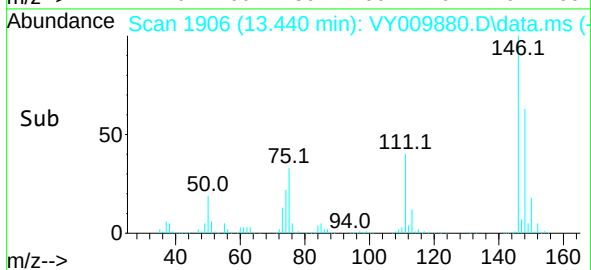
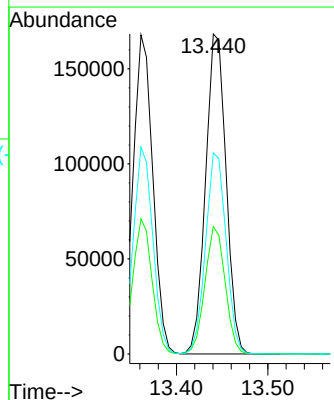
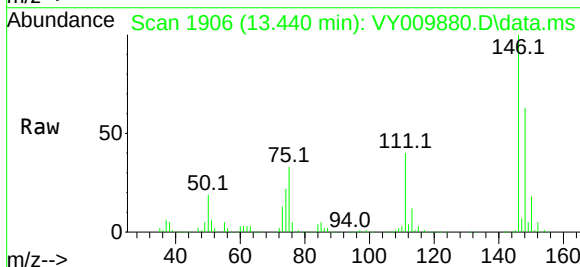
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

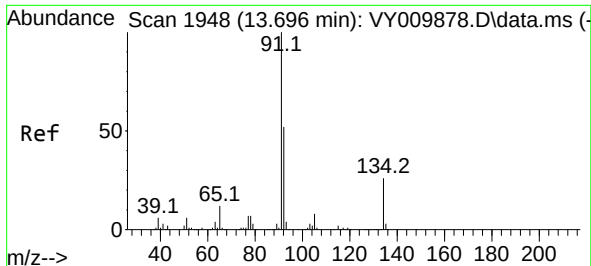
Tgt Ion:146 Resp: 255750
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.1 57.3
 148 64.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 146.179 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VY009880.D
 Acq: 08 Aug 2022 17:24

Tgt Ion:146 Resp: 262386
 Ion Ratio Lower Upper
 146 100
 111 39.2 18.9 56.9
 148 63.0 31.6 95.0

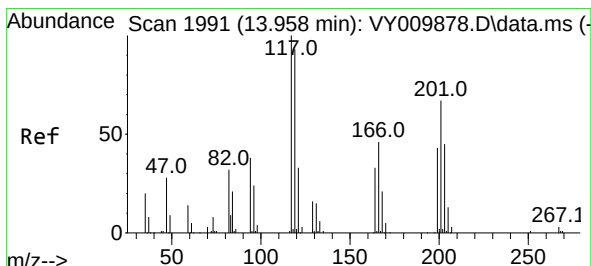
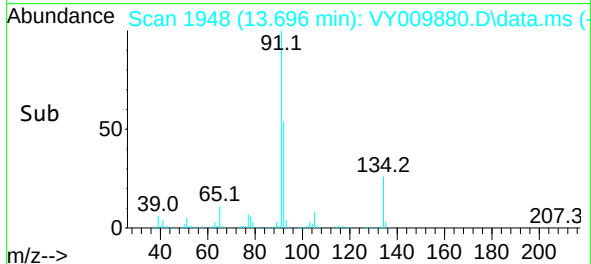
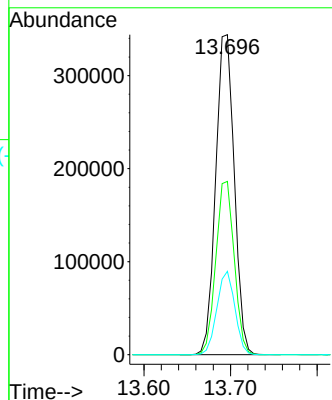
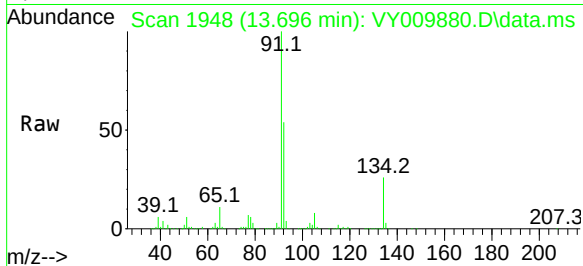




#89
n-Butylbenzene
Concen: 158.556 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

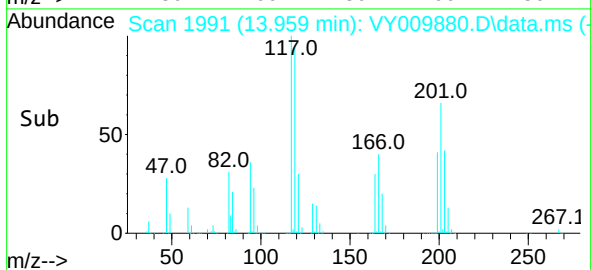
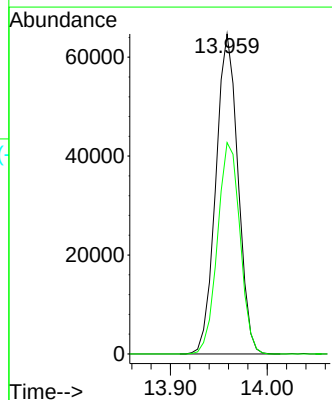
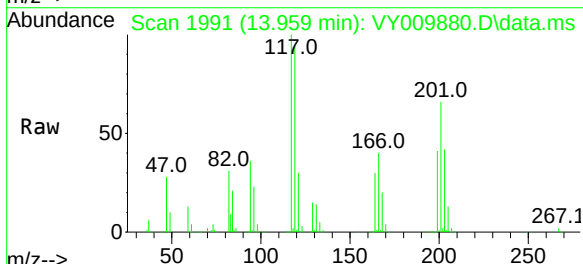
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

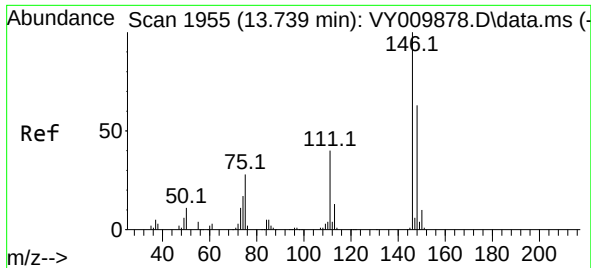
Tgt Ion: 91 Resp: 512675
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.7
134 25.3 14.0 41.9



#90
Hexachloroethane
Concen: 157.887 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009880.D
Acq: 08 Aug 2022 17:24

Tgt Ion: 117 Resp: 102894
Ion Ratio Lower Upper
117 100
201 67.0 38.8 116.3

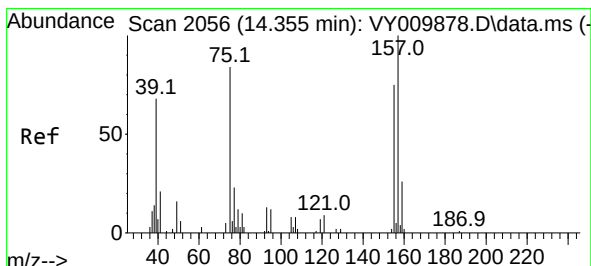
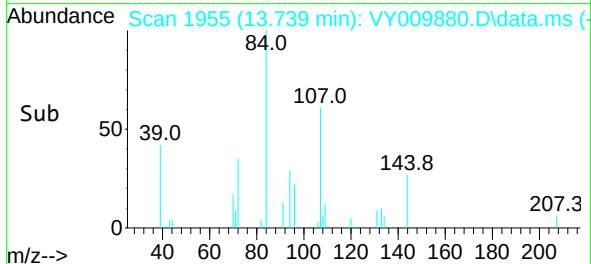
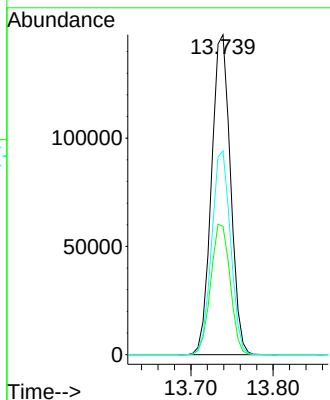
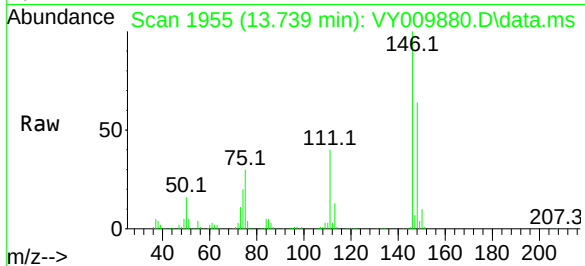




#91
 1,2-Dichlorobenzene
 Concen: 147.939 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY009880.D
 Acq: 08 Aug 2022 17:24

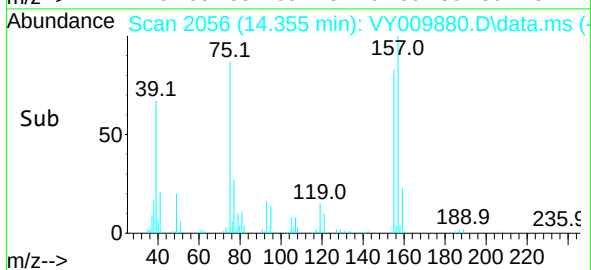
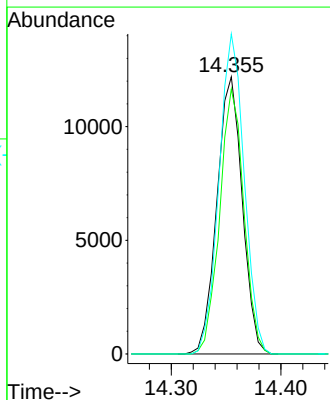
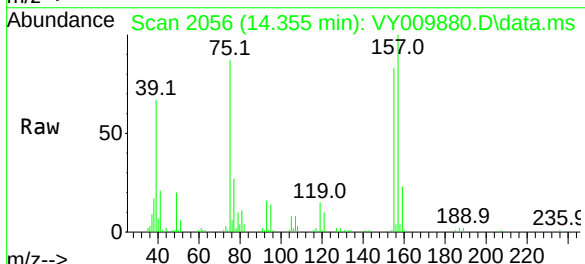
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

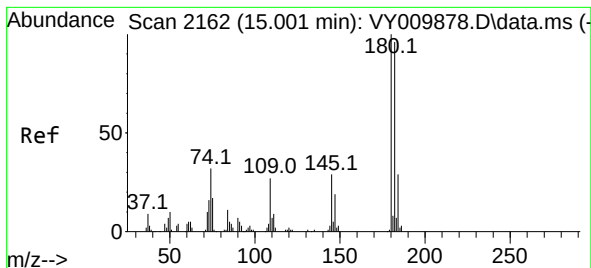
Tgt Ion:146 Resp: 236832
 Ion Ratio Lower Upper
 146 100
 111 41.7 19.7 59.1
 148 63.5 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 157.599 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY009880.D
 Acq: 08 Aug 2022 17:24

Tgt Ion: 75 Resp: 19588
 Ion Ratio Lower Upper
 75 100
 155 91.2 46.4 139.1
 157 114.9 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 148.874 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

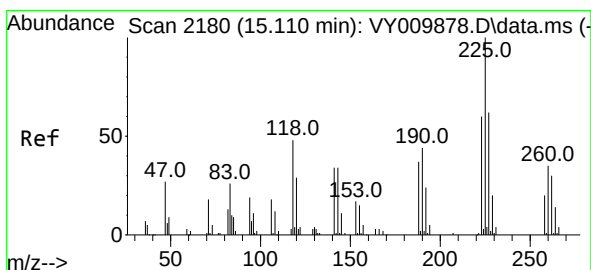
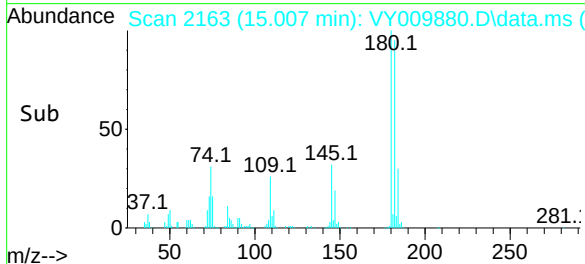
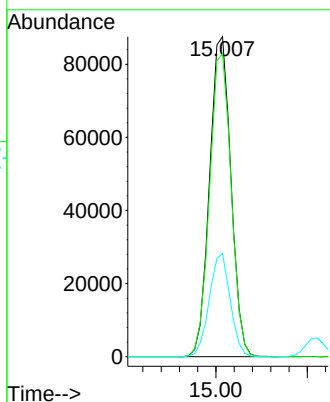
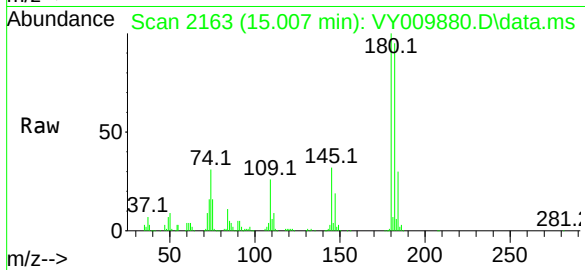
Tgt Ion:180 Resp: 141662

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.9

145 31.7 15.1 45.3



#94

Hexachlorobutadiene

Concen: 139.388 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

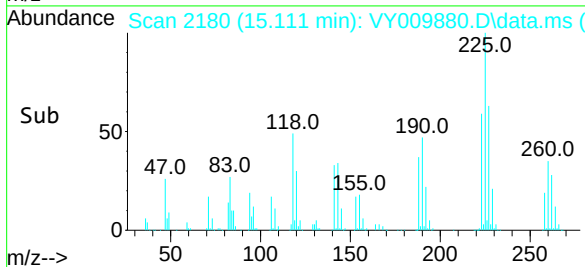
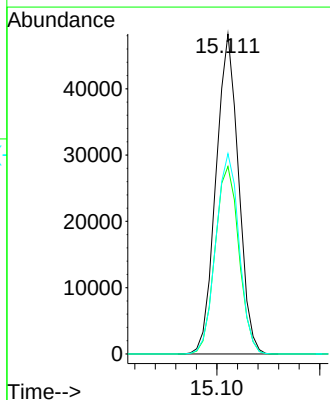
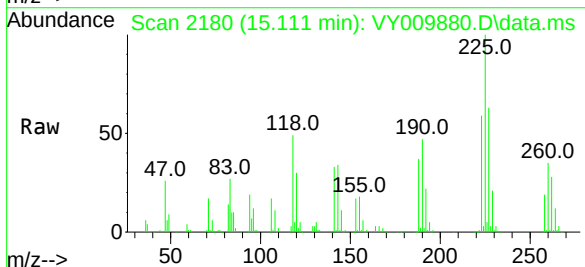
Tgt Ion:225 Resp: 73420

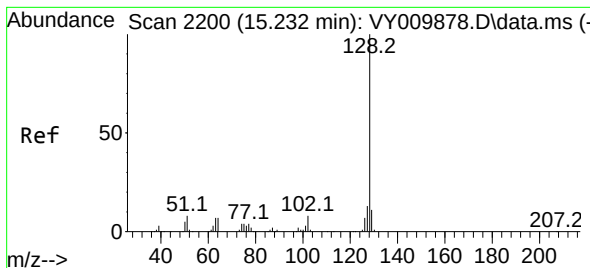
Ion Ratio Lower Upper

225 100

223 61.9 30.8 92.3

227 64.7 31.9 95.5





#95

Naphthalene

Concen: 169.998 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

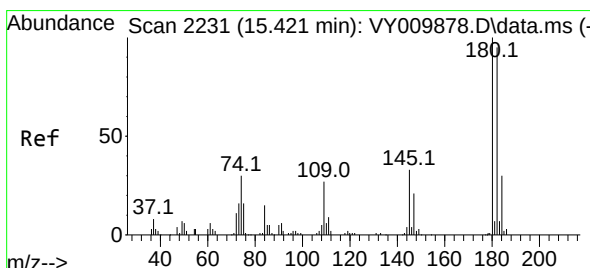
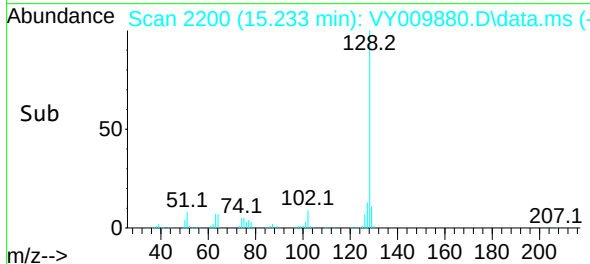
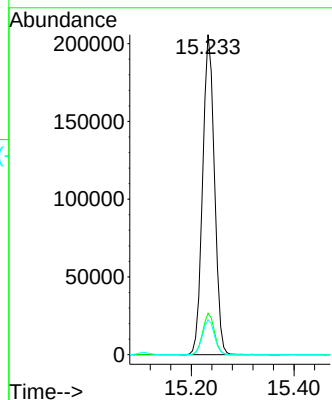
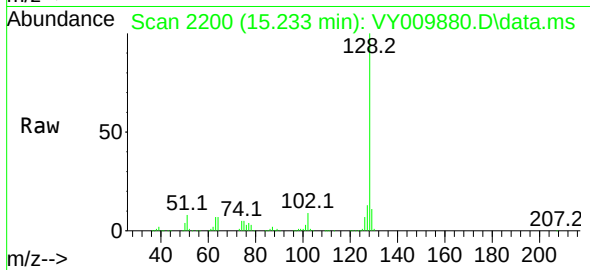
Tgt Ion:128 Resp: 327856

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 153.080 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009880.D

Acq: 08 Aug 2022 17:24

Tgt Ion:180 Resp: 126263

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.0

145 32.8 15.6 46.7

