

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022123\
 Data File : VY012678.D
 Acq On : 21 Feb 2023 16:46
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 22 01:07:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	120343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	185384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	162320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79003	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	140060	98.543	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 197.080%#	
35) Dibromofluoromethane	7.715	113	123699	98.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 197.580%#	
50) Toluene-d8	10.178	98	460652	98.198	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 196.400%#	
62) 4-Bromofluorobenzene	12.483	95	151822	101.136	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 202.280%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	121399	98.121	ug/l	99
3) Chloromethane	2.113	50	145622	102.606	ug/l	99
4) Vinyl Chloride	2.253	62	132840	97.172	ug/l	97
5) Bromomethane	2.643	94	74559	99.586	ug/l	97
6) Chloroethane	2.789	64	81151	93.252	ug/l	97
7) Trichlorofluoromethane	3.125	101	215385	97.741	ug/l	97
8) Diethyl Ether	3.527	74	81177	102.893	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	126385	95.972	ug/l	100
10) Methyl Iodide	4.088	142	174843	101.398	ug/l	99
11) Tert butyl alcohol	4.954	59	74353	478.232	ug/l	98
12) 1,1-Dichloroethene	3.869	96	124403	97.853	ug/l	89
13) Acrolein	3.728	56	107048	544.944	ug/l	99
14) Allyl chloride	4.478	41	249217	101.004	ug/l	99
15) Acrylonitrile	5.161	53	222506	530.112	ug/l	98
16) Acetone	3.948	43	263664	568.511	ug/l	100
17) Carbon Disulfide	4.192	76	407965	95.359	ug/l	99
18) Methyl Acetate	4.478	43	158483	106.080	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	361748	105.783	ug/l	100
20) Methylene Chloride	4.716	84	141410	104.186	ug/l	100
21) trans-1,2-Dichloroethene	5.216	96	134359	97.160	ug/l	95
22) Diisopropyl ether	6.118	45	448527	97.417	ug/l	98
23) Vinyl Acetate	6.057	43	1493513	523.749	ug/l	100
24) 1,1-Dichloroethane	6.015	63	247906	97.101	ug/l	99
25) 2-Butanone	6.984	43	342867	557.015	ug/l	99
26) 2,2-Dichloropropane	6.978	77	218881	98.282	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	149676	98.923	ug/l	100
28) Bromochloromethane	7.331	49	102033	99.805	ug/l	97
29) Tetrahydrofuran	7.344	42	208411	554.580	ug/l	99
30) Chloroform	7.508	83	239632	96.868	ug/l	93
31) Cyclohexane	7.783	56	227153	91.991	ug/l	99
32) 1,1,1-Trichloroethane	7.703	97	220562	98.491	ug/l	99
36) 1,1-Dichloropropene	7.917	75	194849	98.173	ug/l	99
37) Ethyl Acetate	7.075	43	143186	106.916	ug/l	99
38) Carbon Tetrachloride	7.904	117	202952	98.894	ug/l	99
39) Methylcyclohexane	9.185	83	234006	102.208	ug/l	99
40) Benzene	8.161	78	543083	98.026	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	191918	294.170	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	175421	102.111	ug/l	99
43) Isopropyl Acetate	8.270	43	255229	110.285	ug/l	100
44) Trichloroethene	8.941	130	139327	97.269	ug/l	95
45) 1,2-Dichloropropane	9.215	63	141330	99.174	ug/l	99
46) Dibromomethane	9.307	93	80007	101.704	ug/l	99
47) Bromodichloromethane	9.496	83	191029	100.870	ug/l	100
48) Methyl methacrylate	9.294	41	121352	112.370	ug/l	98
49) 1,4-Dioxane	9.301	88	21969	1965.820	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	694079	555.982	ug/l	100
52) Toluene	10.245	92	327311	99.711	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	205699	103.942	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	227732	101.696	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	106720	99.880	ug/l	96
56) Ethyl methacrylate	10.508	69	163680	112.171	ug/l	99
57) 1,3-Dichloropropane	10.788	76	189448	100.879	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	411148	538.142	ug/l	100
59) 2-Hexanone	10.831	43	503179	568.565	ug/l	99
60) Dibromochloromethane	10.983	129	132714	102.520	ug/l	99
61) 1,2-Dibromoethane	11.087	107	105590	103.148	ug/l	100
64) Tetrachloroethene	10.721	164	115863	98.145	ug/l	97
65) Chlorobenzene	11.514	112	340348	97.778	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	127764	99.044	ug/l	99
67) Ethyl Benzene	11.593	91	629692	101.206	ug/l	100
68) m/p-Xylenes	11.703	106	475047	200.149	ug/l	100
69) o-Xylene	12.032	106	222577	101.247	ug/l	97
70) Styrene	12.044	104	377779	102.529	ug/l	100
71) Bromoform	12.209	173	86973	105.659	ug/l #	100
73) Isopropylbenzene	12.330	105	589635	100.995	ug/l	99
74) N-amyl acetate	12.141	43	211708	110.311	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.580	83	133054	101.359	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	176072	184.906	ug/l #	100
77) Bromobenzene	12.611	156	138668	99.126	ug/l	100
78) n-propylbenzene	12.672	91	718628	98.407	ug/l	99
79) 2-Chlorotoluene	12.757	91	399170	98.392	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	487579	99.978	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	49161	105.743	ug/l	98
82) 4-Chlorotoluene	12.855	91	417199	99.152	ug/l	99
83) tert-Butylbenzene	13.074	119	422099	101.359	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	478651	100.400	ug/l	100
85) sec-Butylbenzene	13.251	105	629554	99.360	ug/l	100
86) p-Isopropyltoluene	13.367	119	521136	99.870	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	266237	97.168	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	264800	95.303	ug/l	100
89) n-Butylbenzene	13.696	91	498532	99.759	ug/l	99
90) Hexachloroethane	13.958	117	102218	96.526	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	240249	98.179	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23593	109.339	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	156352	101.027	ug/l	99
94) Hexachlorobutadiene	15.110	225	89072	95.364	ug/l	99
95) Naphthalene	15.238	128	349791	111.856	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	139756	102.022	ug/l	98

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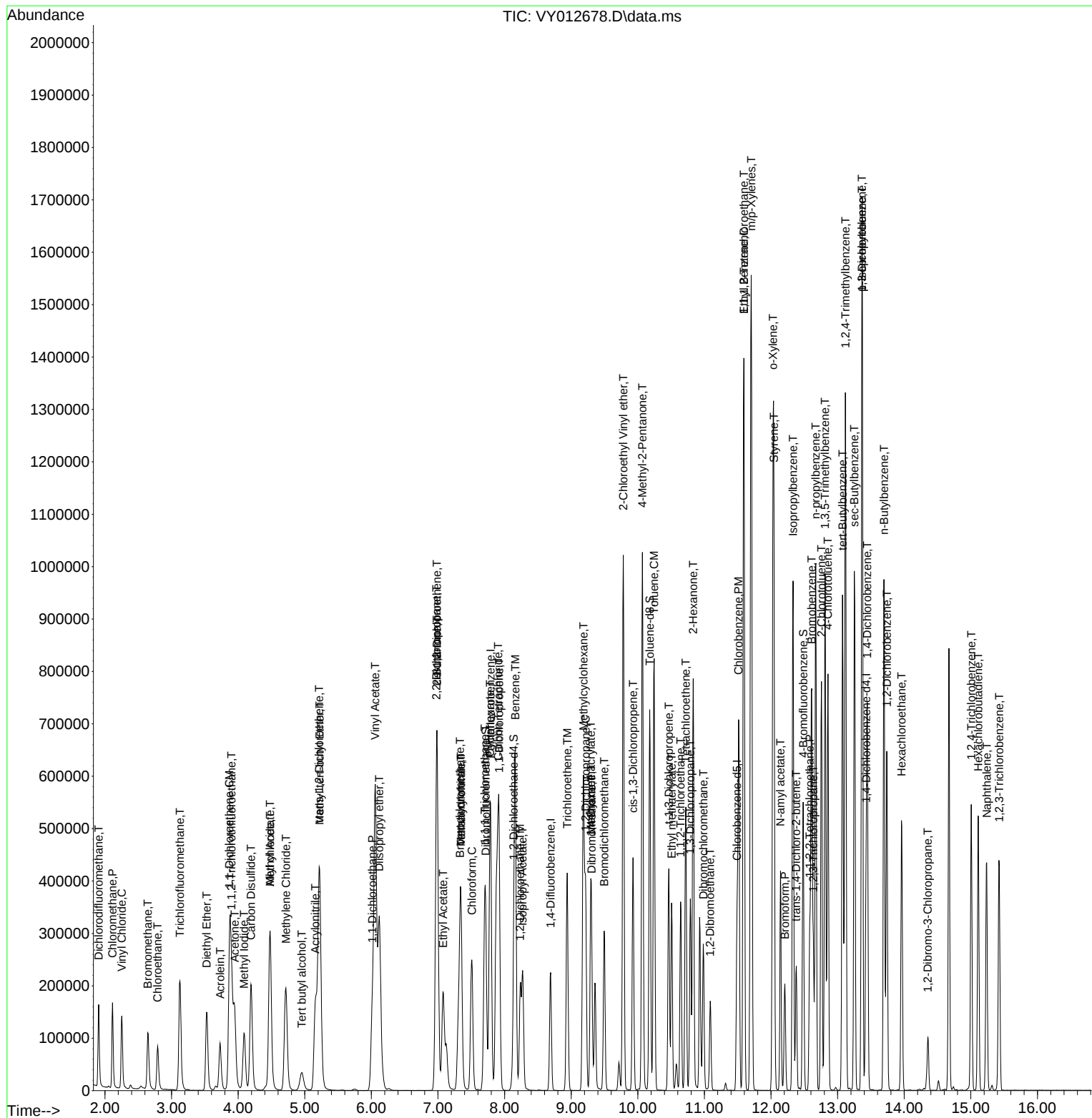
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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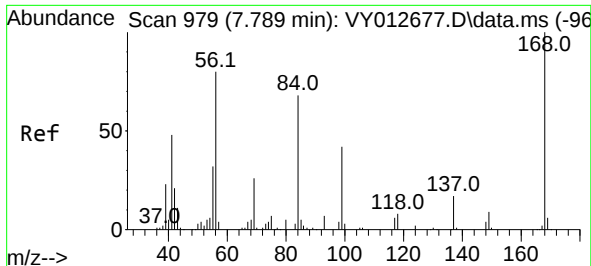
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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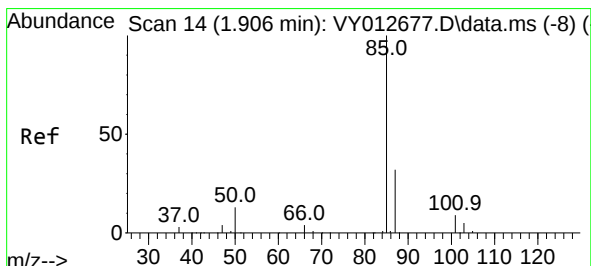
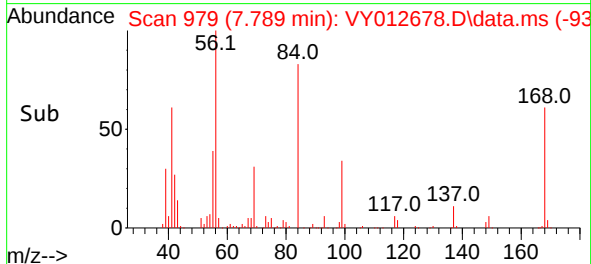
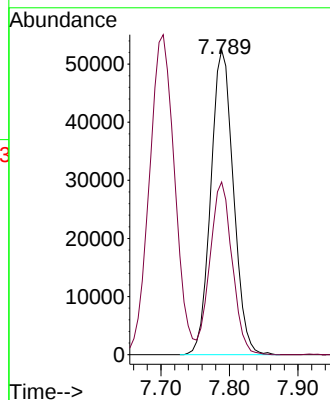
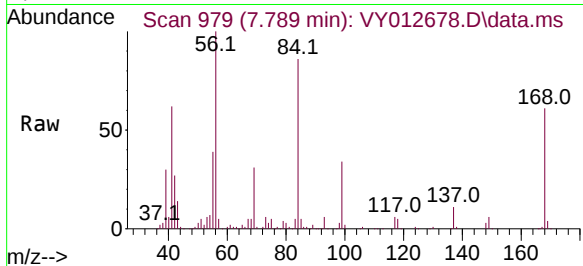




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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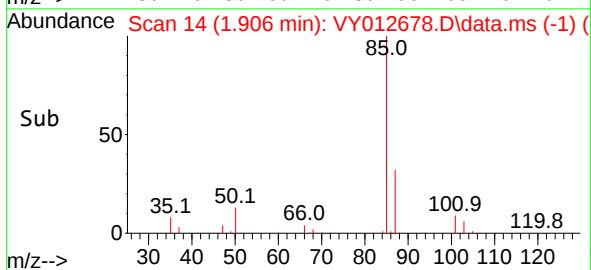
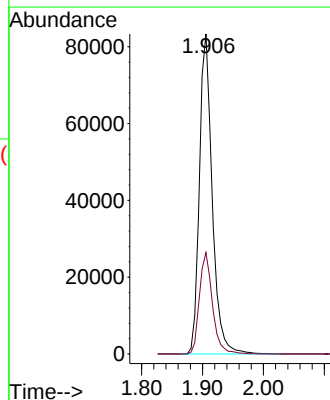
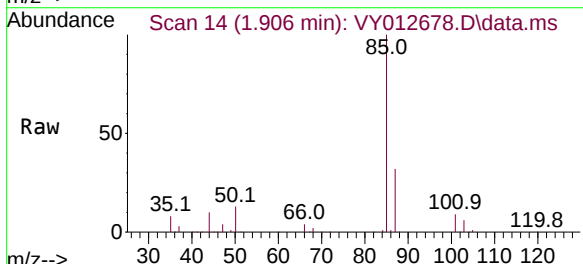
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

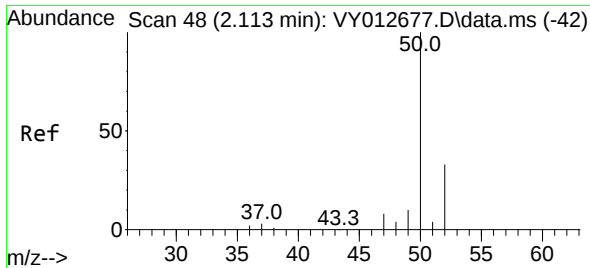
Tgt Ion:168 Resp: 120343
Ion Ratio Lower Upper
168 100
99 56.6 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 98.121 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

Tgt Ion: 85 Resp: 121399
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2

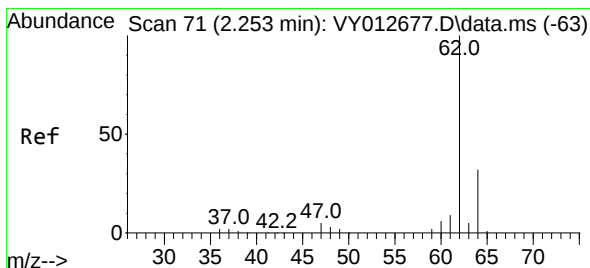
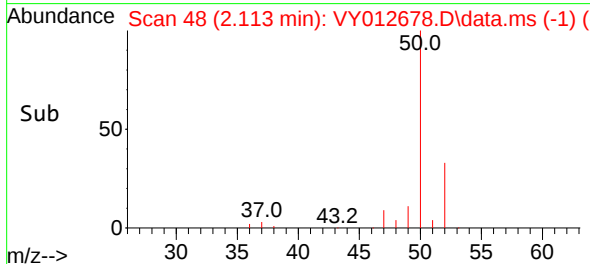
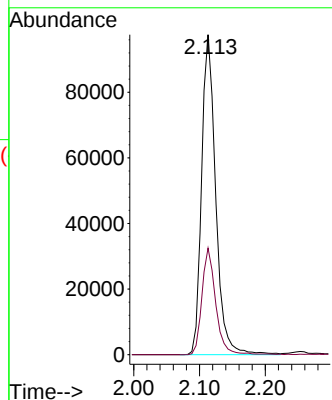
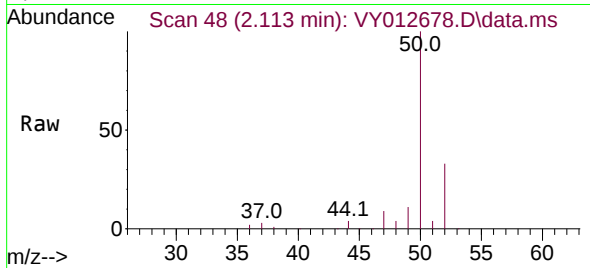




#3
Chloromethane
Concen: 102.606 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

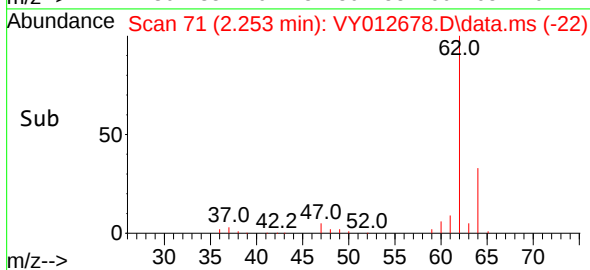
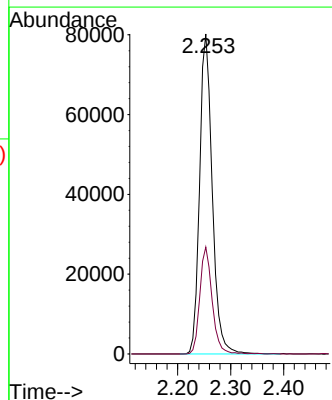
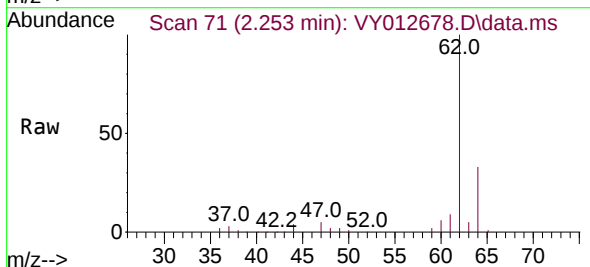
Instrument :
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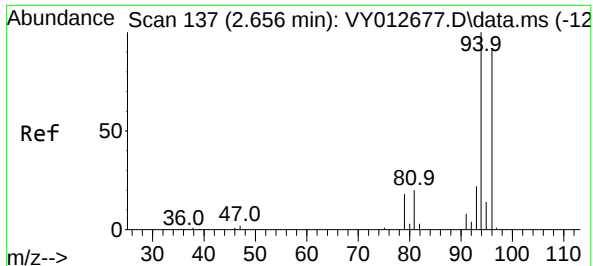
Tgt Ion: 50 Resp: 145622
Ion Ratio Lower Upper
50 100
52 33.3 26.1 39.1



#4
Vinyl Chloride
Concen: 97.172 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

Tgt Ion: 62 Resp: 132840
Ion Ratio Lower Upper
62 100
64 33.4 25.4 38.2

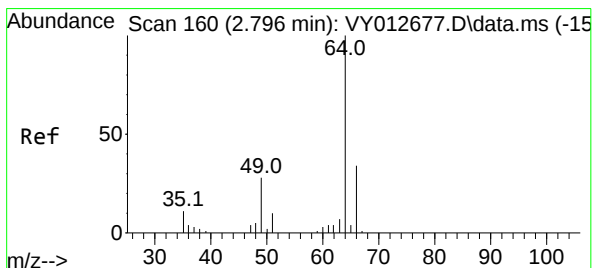
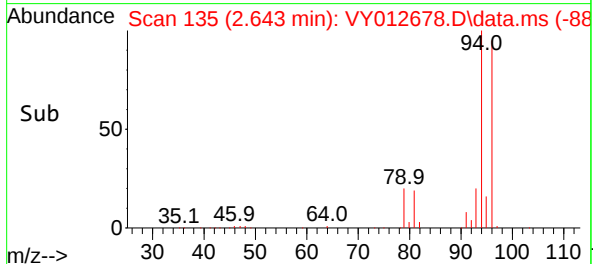
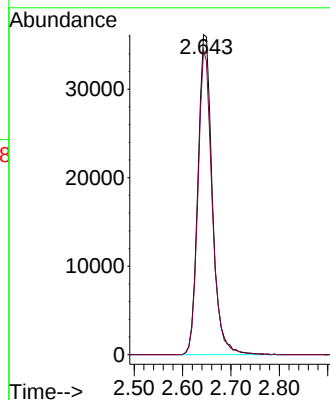
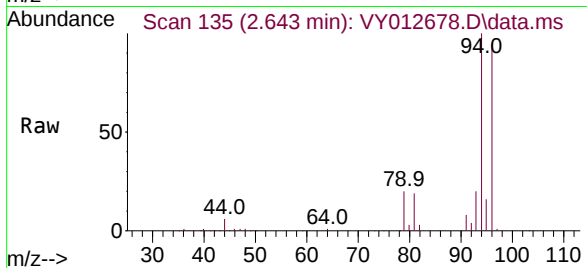




#5
Bromomethane
Concen: 99.586 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.013 min
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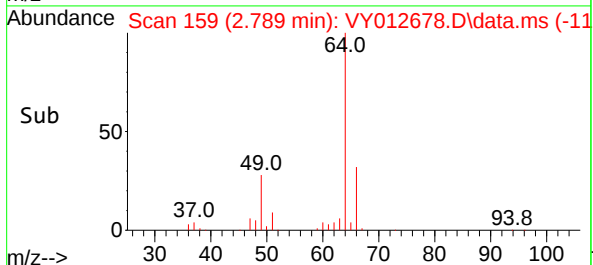
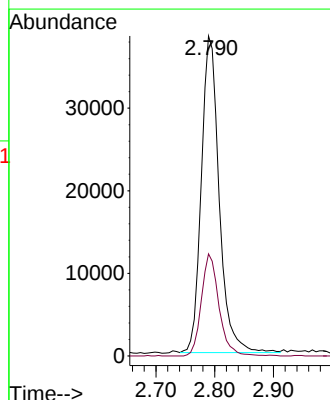
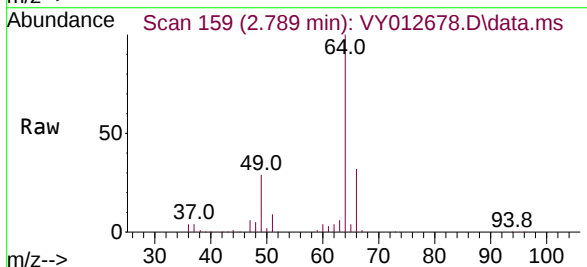
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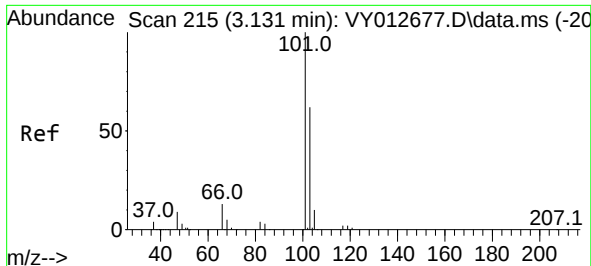
Tgt Ion: 94 Resp: 74559
Ion Ratio Lower Upper
94 100
96 95.2 73.9 110.9



#6
Chloroethane
Concen: 93.252 ug/l
RT: 2.789 min Scan# 159
Delta R.T. -0.007 min
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Tgt Ion: 64 Resp: 81151
Ion Ratio Lower Upper
64 100
66 32.3 27.1 40.7

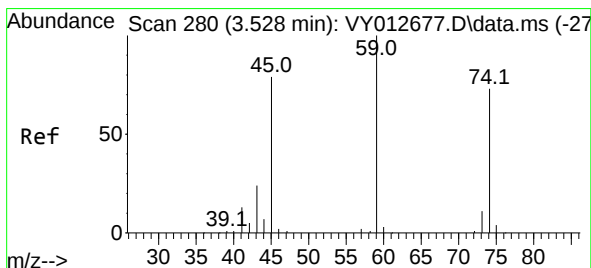
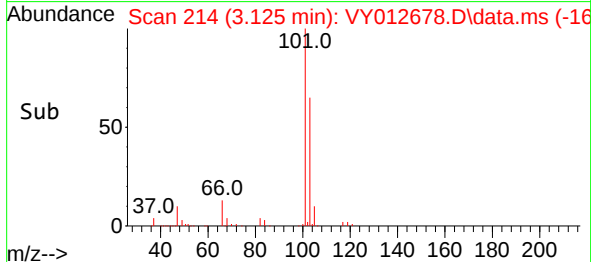
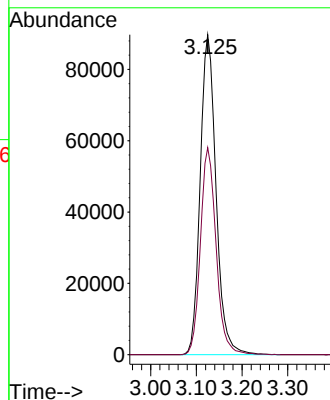
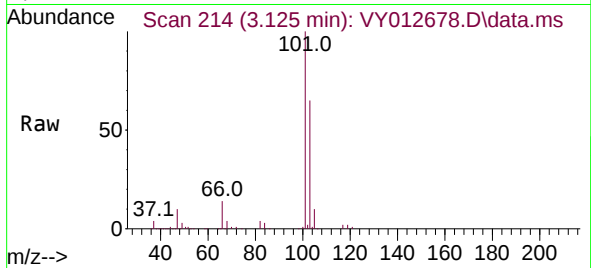




#7
 Trichlorofluoromethane
 Concen: 97.741 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.007 min
 Lab File: VY012678.D
 Acq: 21 Feb 2023 16:46

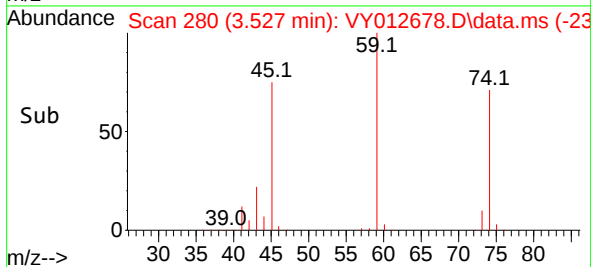
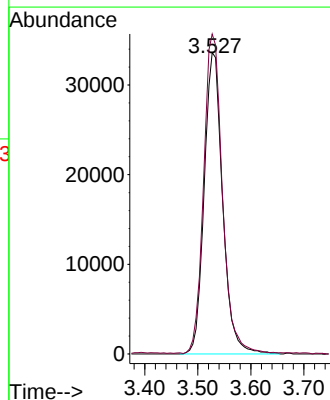
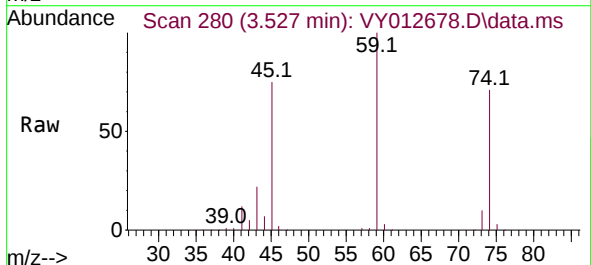
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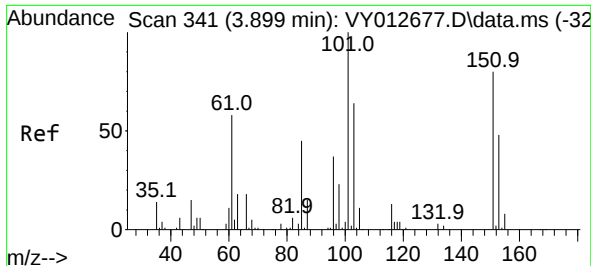
Tgt Ion:101 Resp: 215385
 Ion Ratio Lower Upper
 101 100
 103 64.7 49.8 74.6



#8
 Diethyl Ether
 Concen: 102.893 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 81177
 Ion Ratio Lower Upper
 74 100
 45 107.9 54.6 163.9

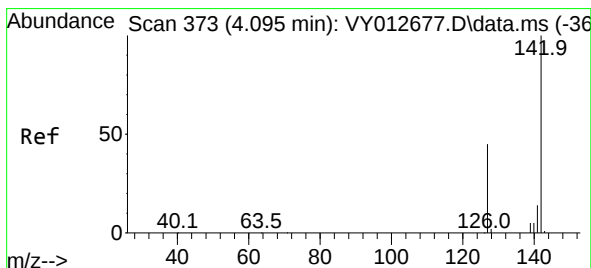
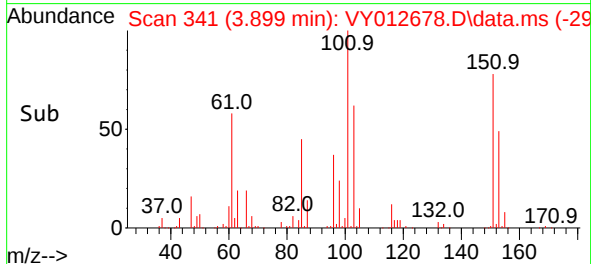
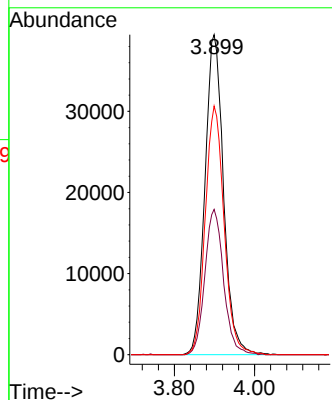
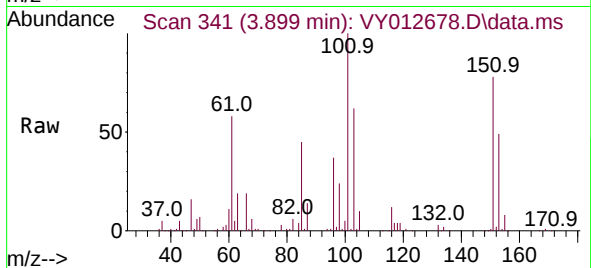




#9
1,1,2-Trichlorotrifluoroethane
Concen: 95.972 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

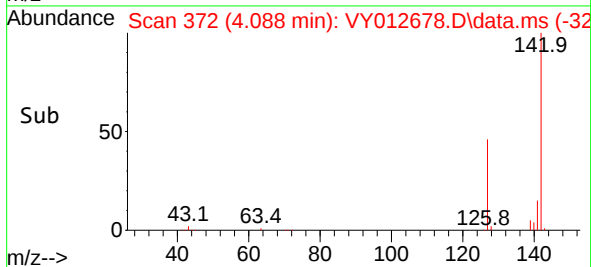
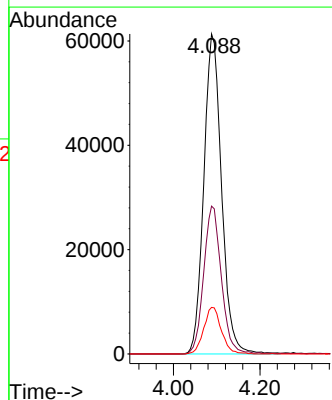
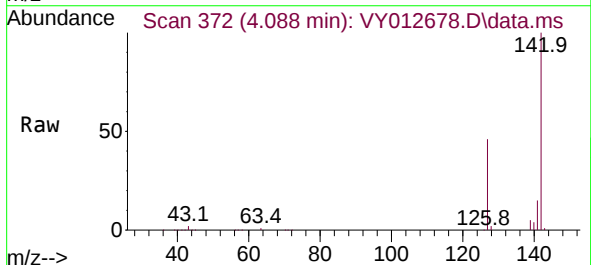
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

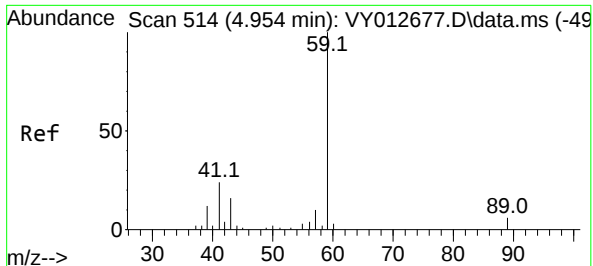
Tgt Ion:101 Resp: 126385
Ion Ratio Lower Upper
101 100
85 45.9 36.4 54.6
151 78.8 63.1 94.7



#10
Methyl Iodide
Concen: 101.398 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.007 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

Tgt Ion:142 Resp: 174843
Ion Ratio Lower Upper
142 100
127 45.7 37.3 55.9
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 478.232 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

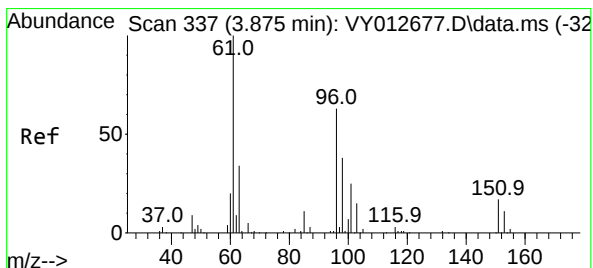
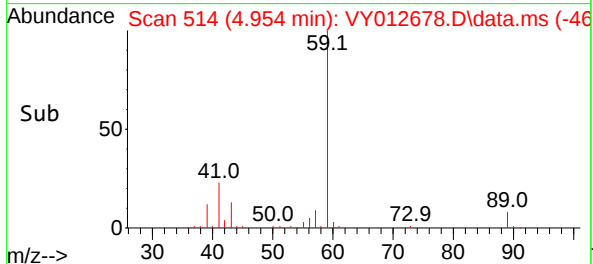
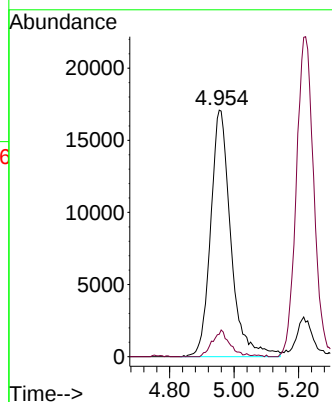
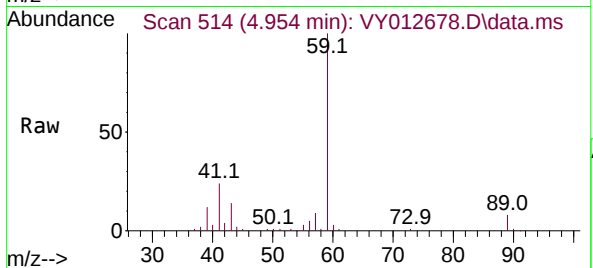
VSTDICC100

Tgt Ion: 59 Resp: 74353

Ion Ratio Lower Upper

59 100

57 9.0 7.7 11.5



#12

1,1-Dichloroethene

Concen: 97.853 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.007 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

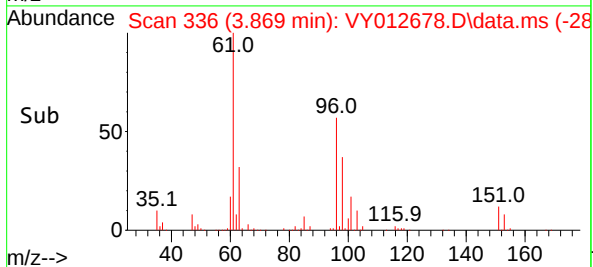
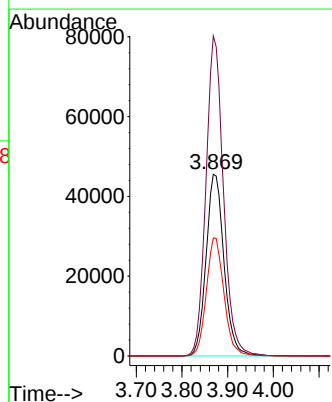
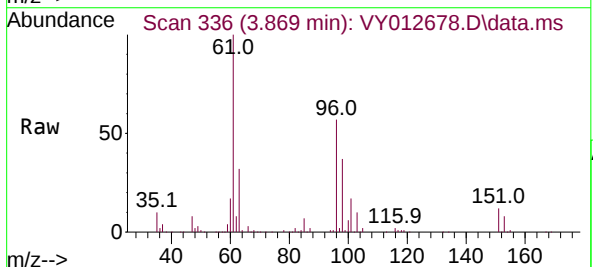
Tgt Ion: 96 Resp: 124403

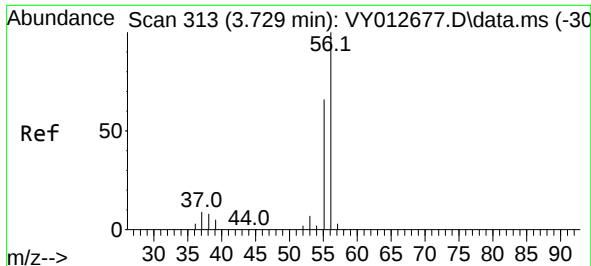
Ion Ratio Lower Upper

96 100

61 176.1 127.3 190.9

98 65.0 49.0 73.4





#13

Acrolein

Concen: 544.944 ug/l

RT: 3.728 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

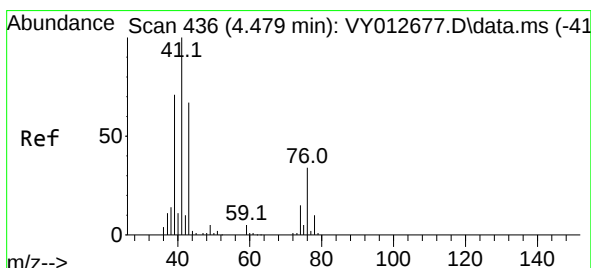
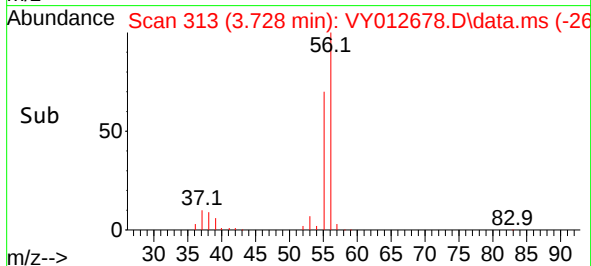
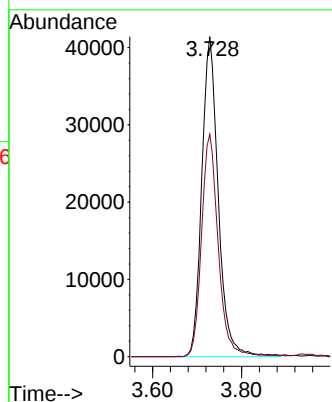
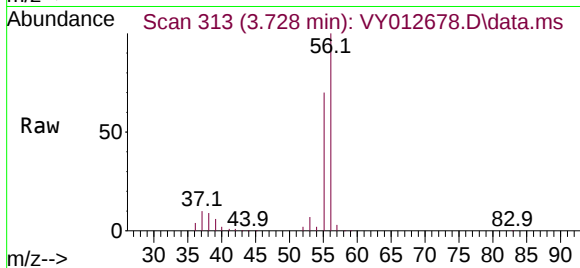
VSTDICC100

Tgt Ion: 56 Resp: 107048

Ion Ratio Lower Upper

56 100

55 70.5 55.7 83.5



#14

Allyl chloride

Concen: 101.004 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

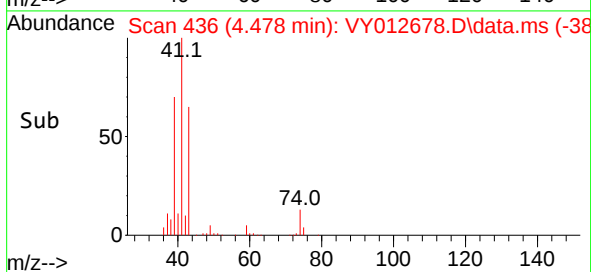
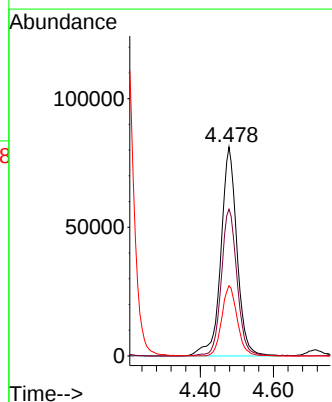
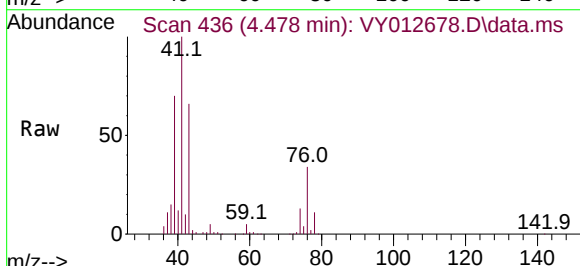
Tgt Ion: 41 Resp: 249217

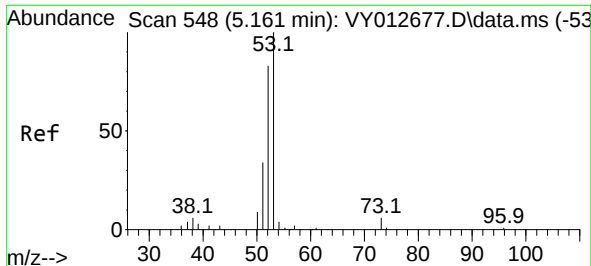
Ion Ratio Lower Upper

41 100

39 68.8 53.8 80.8

76 32.2 25.8 38.6

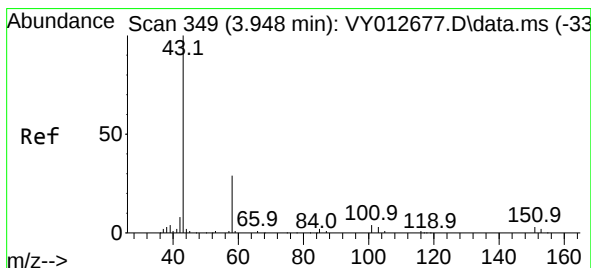
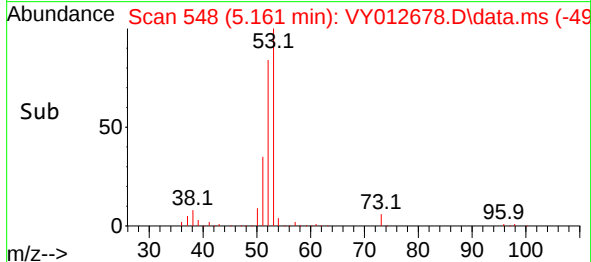
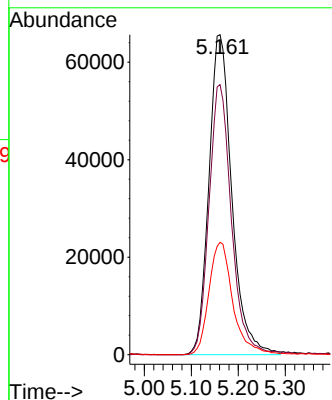
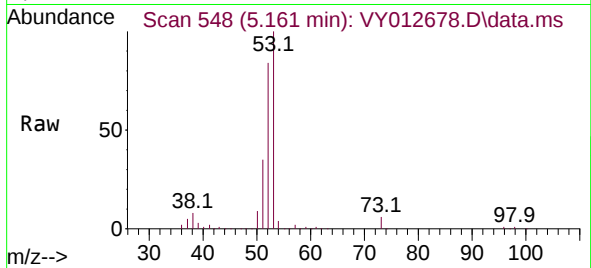




#15
Acrylonitrile
Concen: 530.112 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

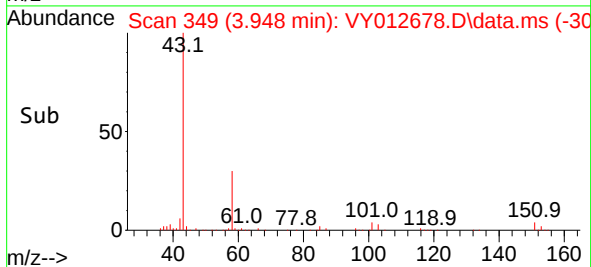
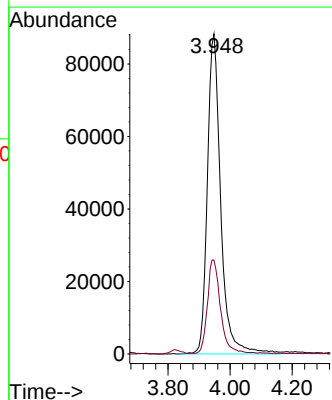
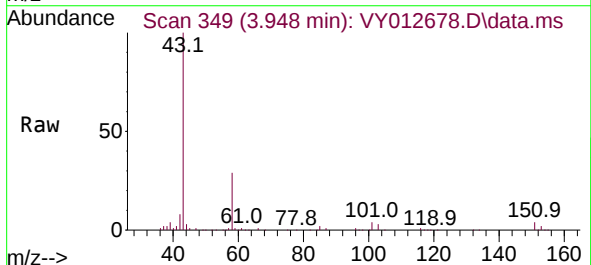
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

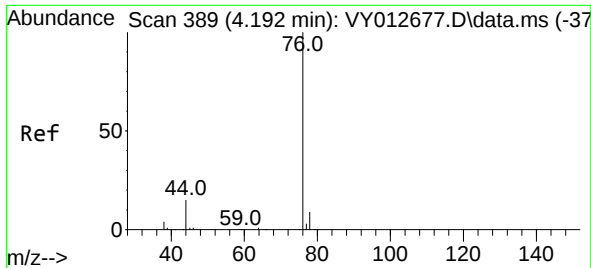
Tgt Ion: 53 Resp: 222506
Ion Ratio Lower Upper
53 100
52 82.9 65.2 97.8
51 36.8 28.6 43.0



#16
Acetone
Concen: 568.511 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

Tgt Ion: 43 Resp: 263664
Ion Ratio Lower Upper
43 100
58 29.1 23.3 34.9

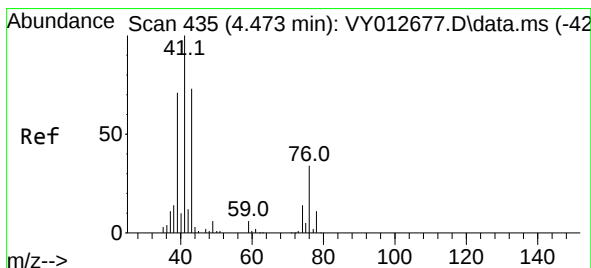
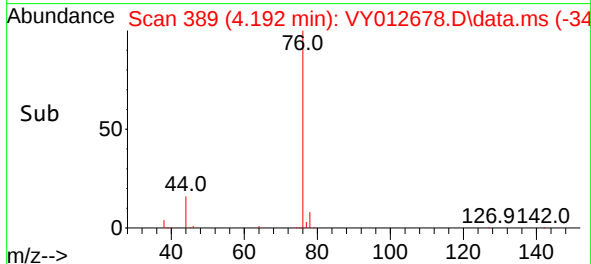
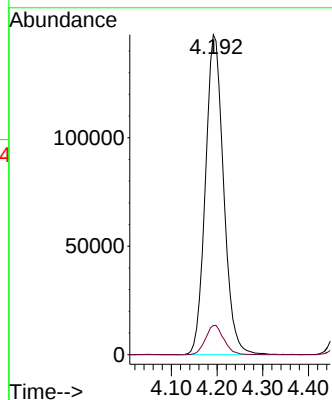
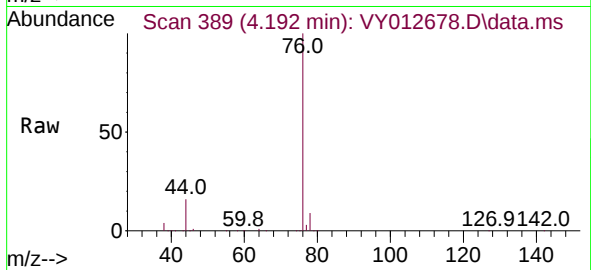




#17
Carbon Disulfide
Concen: 95.359 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

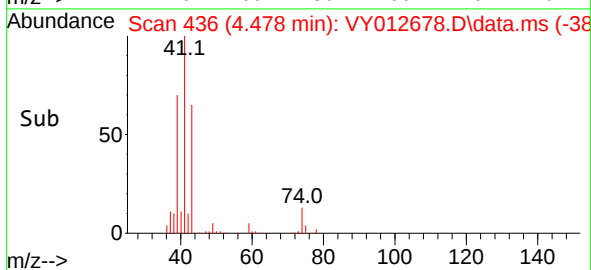
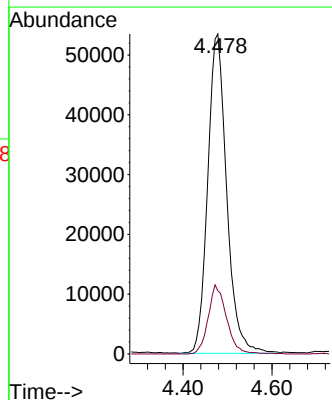
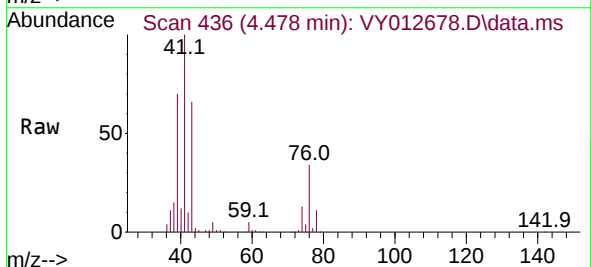
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

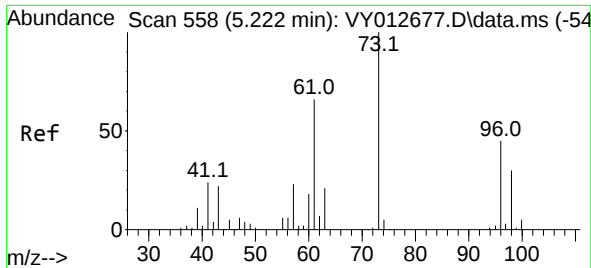
Tgt Ion: 76 Resp: 407965
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 106.080 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

Tgt Ion: 43 Resp: 158483
Ion Ratio Lower Upper
43 100
74 20.9 16.5 24.7

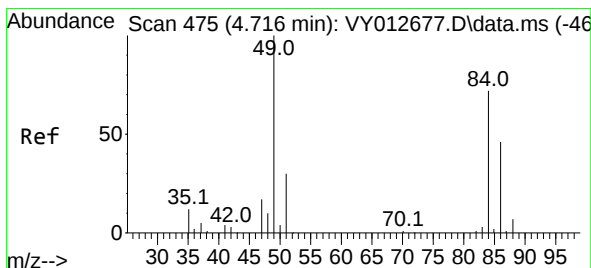
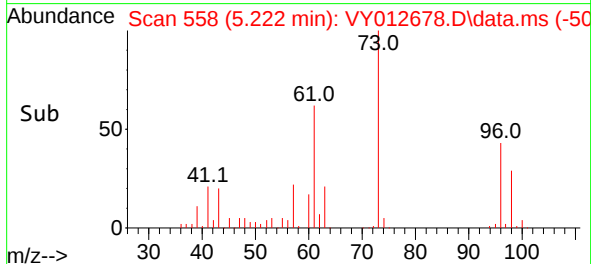
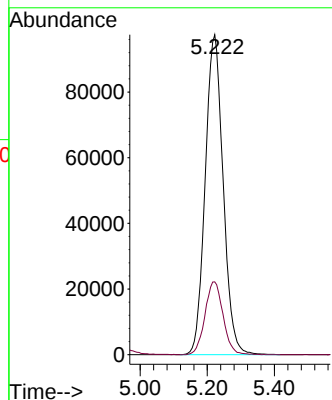
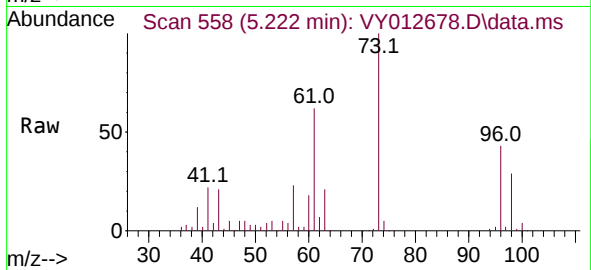




#19
Methyl tert-butyl Ether
Concen: 105.783 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

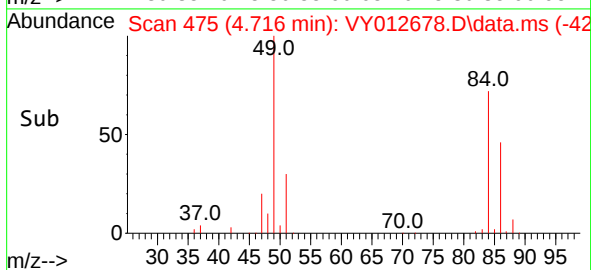
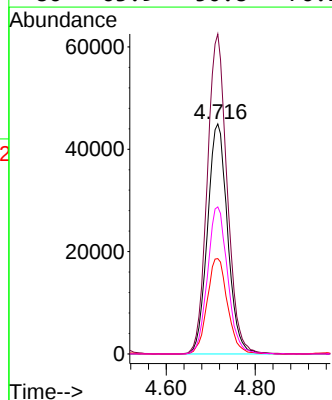
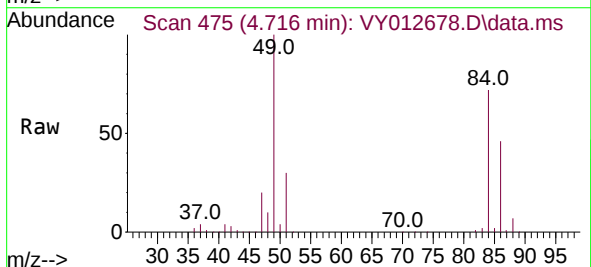
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

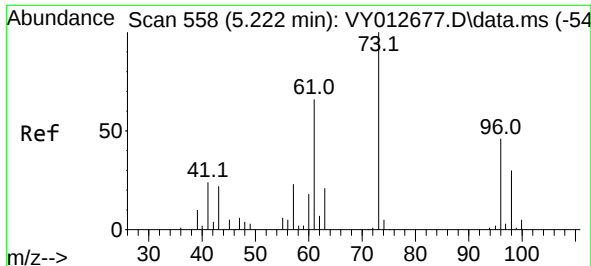
Tgt Ion: 73 Resp: 361748
Ion Ratio Lower Upper
73 100
57 22.8 18.1 27.1



#20
Methylene Chloride
Concen: 104.186 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

Tgt Ion: 84 Resp: 141410
Ion Ratio Lower Upper
84 100
49 139.0 111.1 166.7
51 41.4 33.5 50.3
86 63.9 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 97.160 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.007 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

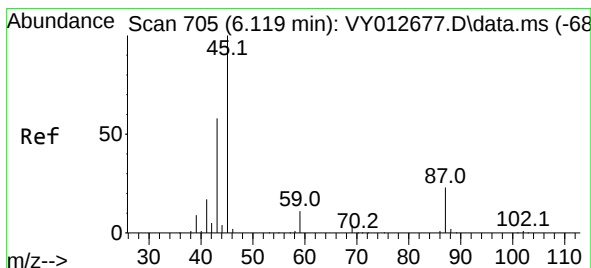
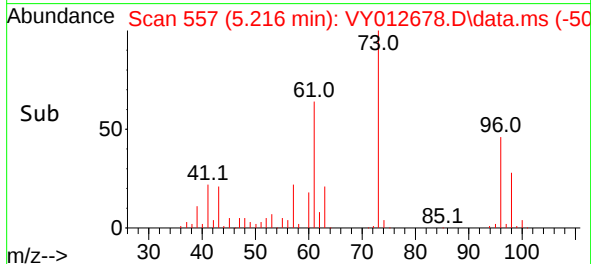
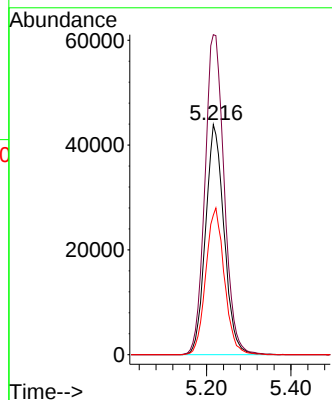
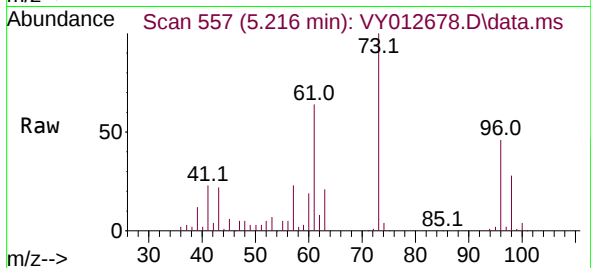
Tgt Ion: 96 Resp: 134359

Ion Ratio Lower Upper

96 100

61 139.1 116.1 174.1

98 60.6 52.3 78.5



#22

Diisopropyl ether

Concen: 97.417 ug/l

RT: 6.118 min Scan# 705

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Tgt Ion: 45 Resp: 448527

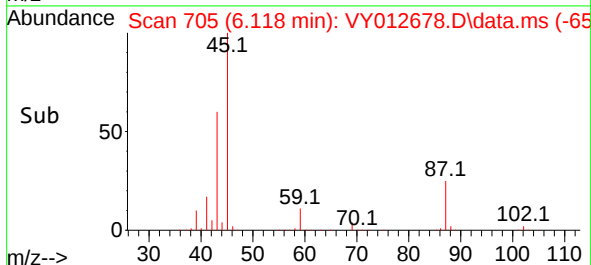
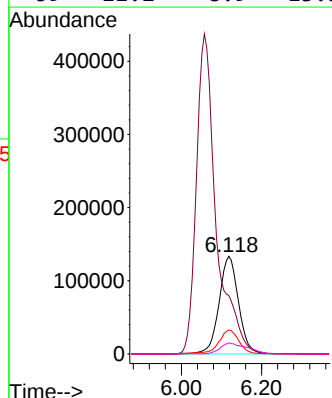
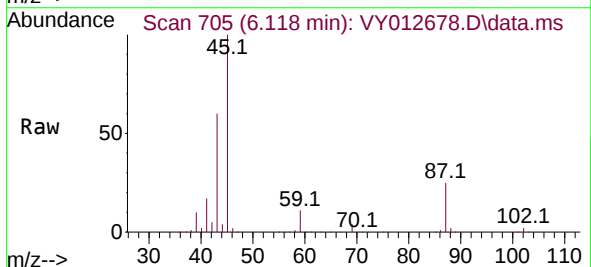
Ion Ratio Lower Upper

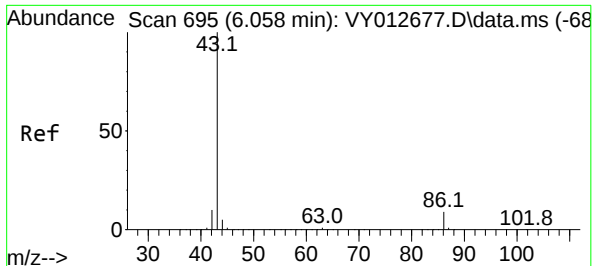
45 100

43 59.3 46.2 69.2

87 24.6 18.6 28.0

59 11.2 8.9 13.3

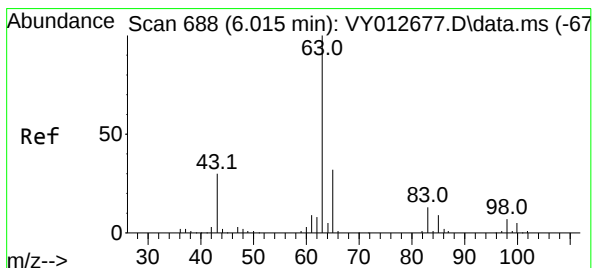
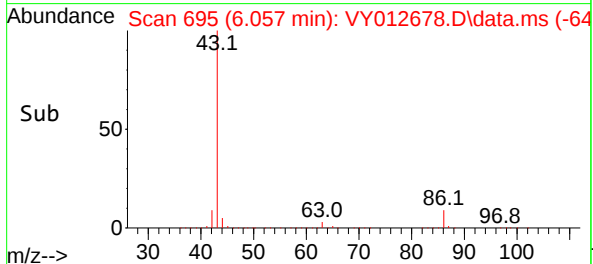
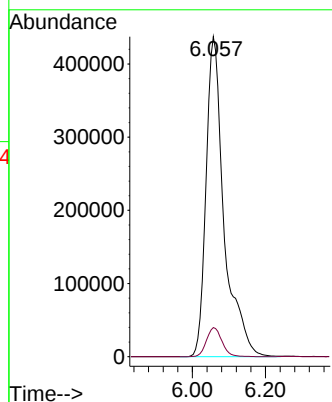
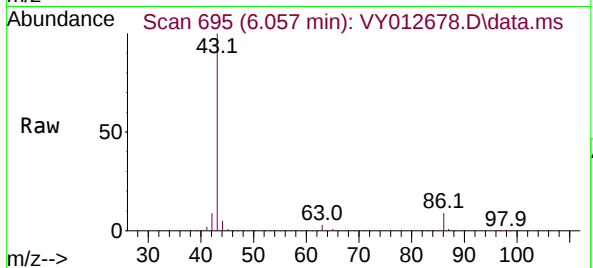




#23
 Vinyl Acetate
 Concen: 523.749 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012678.D
 Acq: 21 Feb 2023 16:46

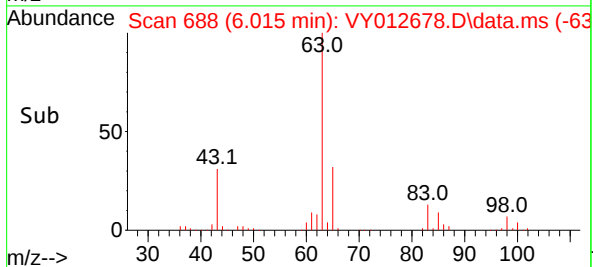
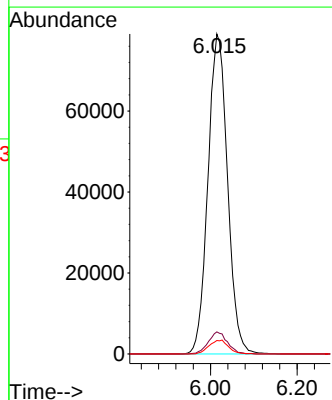
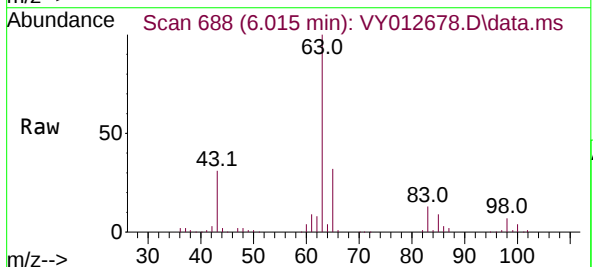
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

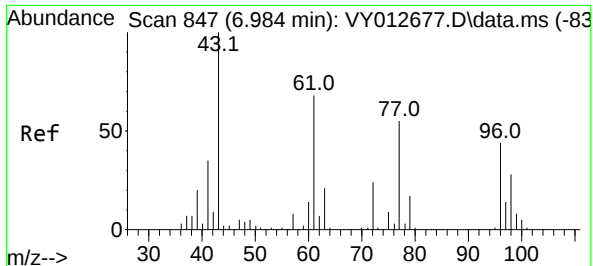
Tgt Ion: 43 Resp: 1493513
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 97.101 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012678.D
 Acq: 21 Feb 2023 16:46

Tgt Ion: 63 Resp: 247906
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.2 2.3 6.9





#25

2-Butanone

Concen: 557.015 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

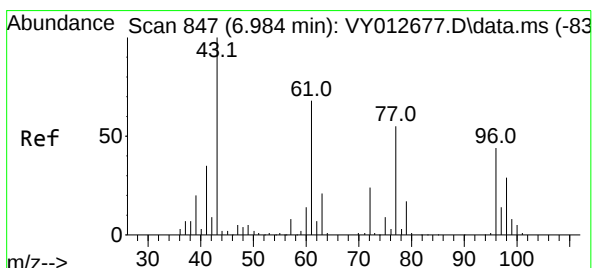
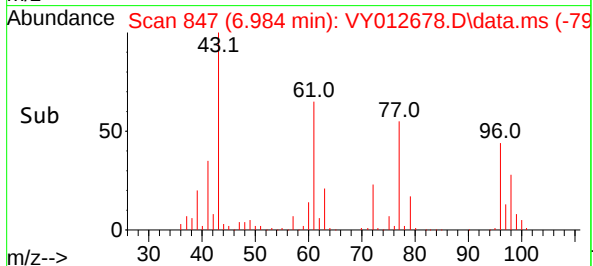
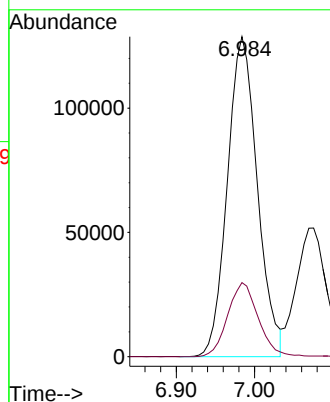
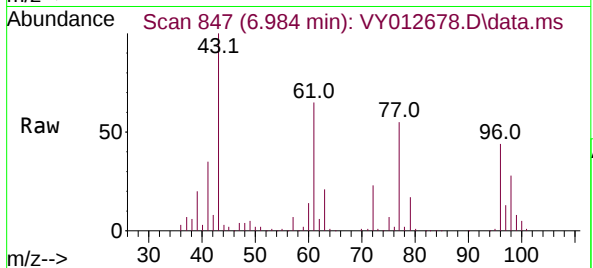
VSTDIC100

Tgt Ion: 43 Resp: 342867

Ion Ratio Lower Upper

43 100

72 23.1 18.8 28.2



#26

2,2-Dichloropropane

Concen: 98.282 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.007 min

Lab File: VY012678.D

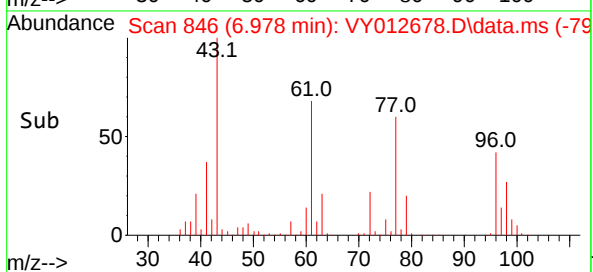
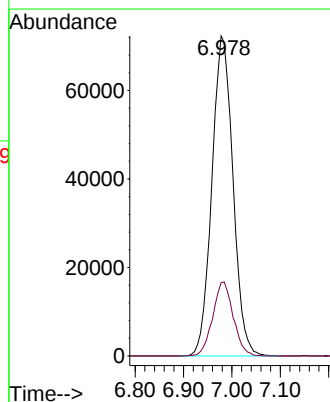
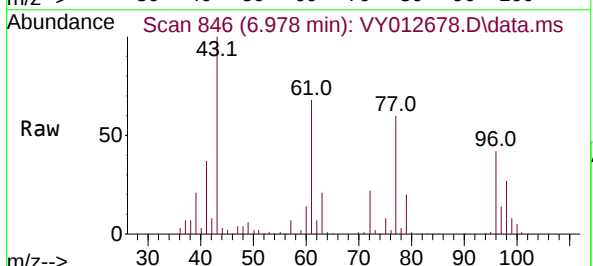
Acq: 21 Feb 2023 16:46

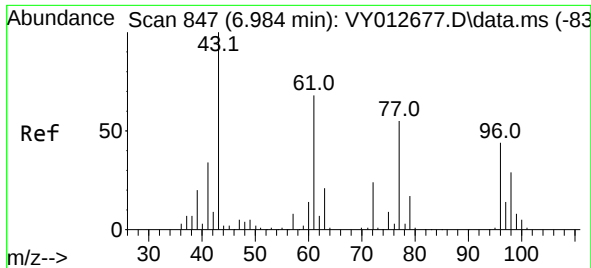
Tgt Ion: 77 Resp: 218881

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.1

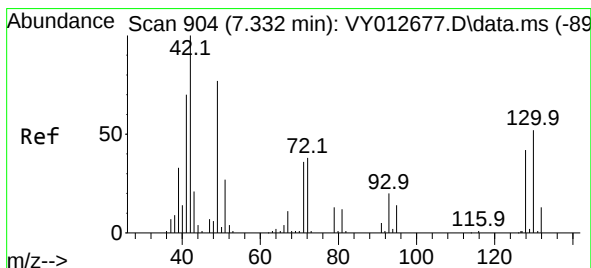
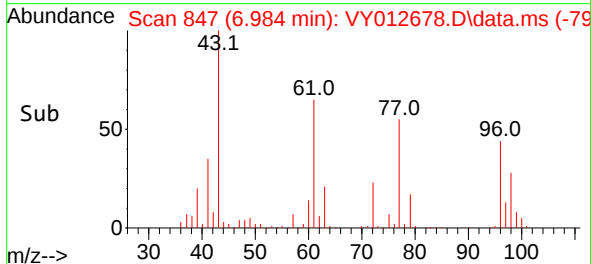
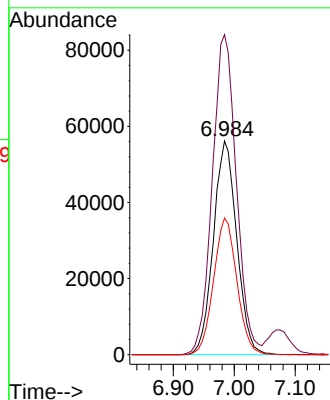
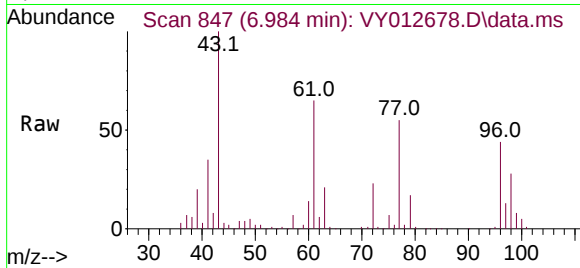




#27
 cis-1,2-Dichloroethene
 Concen: 98.923 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY012678.D
 Acq: 21 Feb 2023 16:46

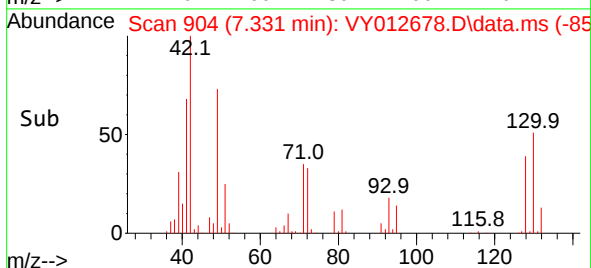
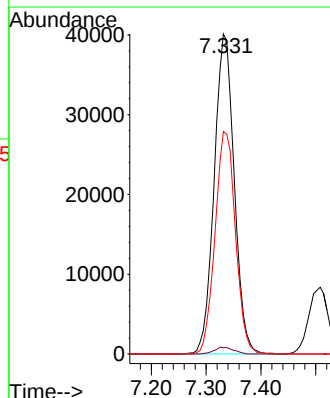
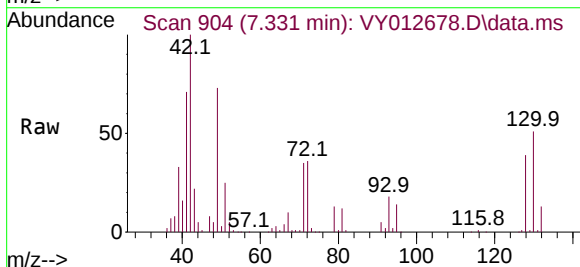
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

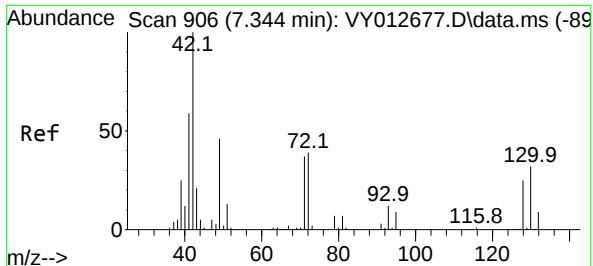
Tgt Ion: 96 Resp: 149676
 Ion Ratio Lower Upper
 96 100
 61 154.2 0.0 308.8
 98 63.8 0.0 129.0



#28
 Bromochloromethane
 Concen: 99.805 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012678.D
 Acq: 21 Feb 2023 16:46

Tgt Ion: 49 Resp: 102033
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 70.7 54.3 81.5





#29

Tetrahydrofuran

Concen: 554.580 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

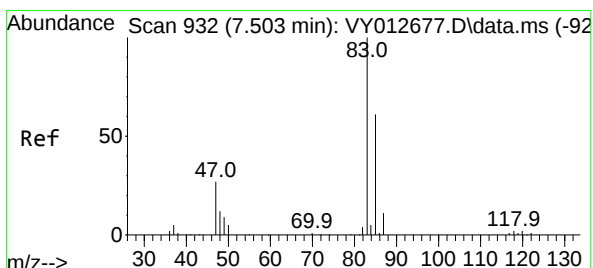
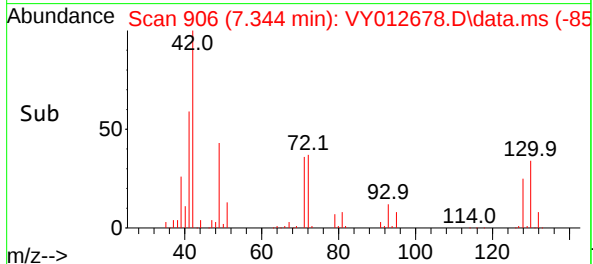
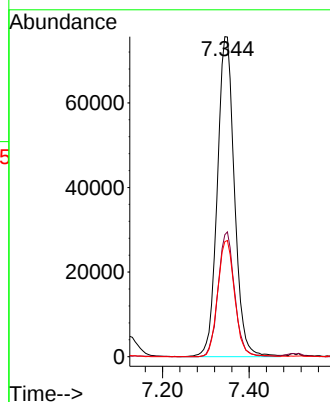
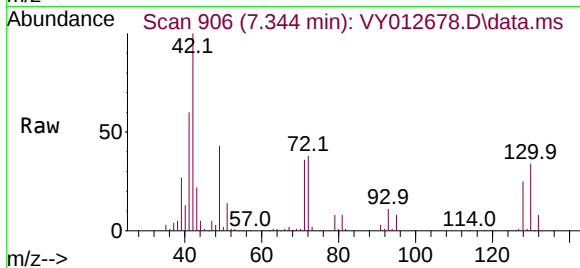
Tgt Ion: 42 Resp: 208411

Ion Ratio Lower Upper

42 100

72 37.4 30.6 45.8

71 35.8 28.6 42.8



#30

Chloroform

Concen: 96.868 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012678.D

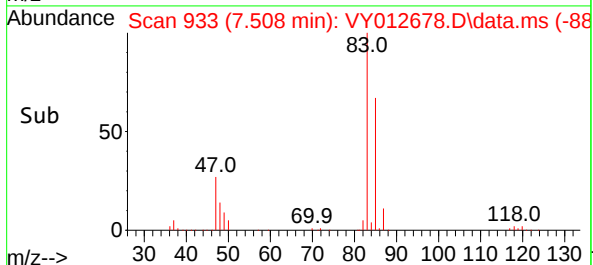
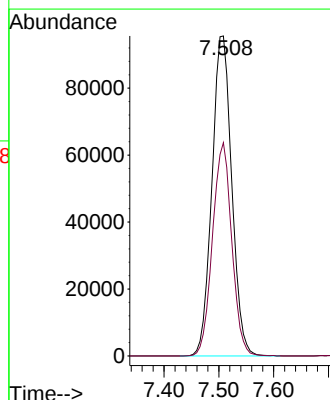
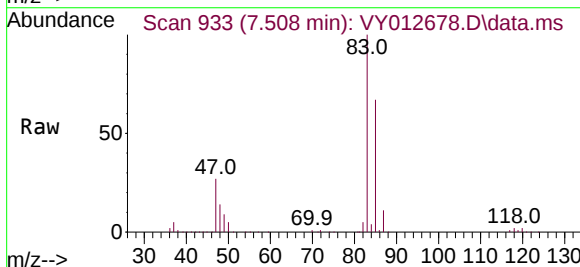
Acq: 21 Feb 2023 16:46

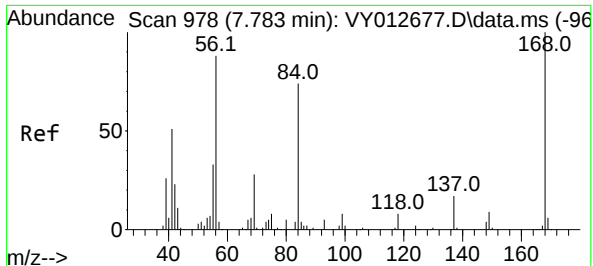
Tgt Ion: 83 Resp: 239632

Ion Ratio Lower Upper

83 100

85 66.7 48.9 73.3





#31

Cyclohexane

Concen: 91.991 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

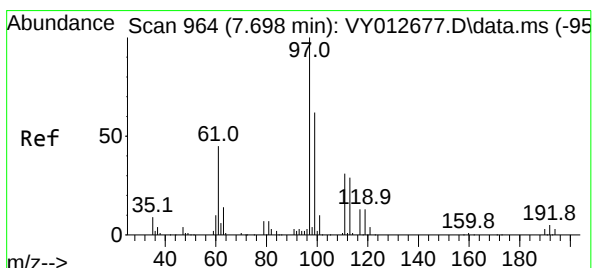
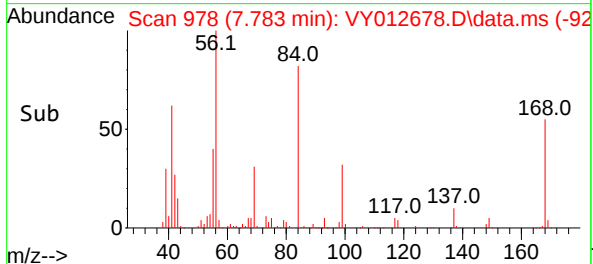
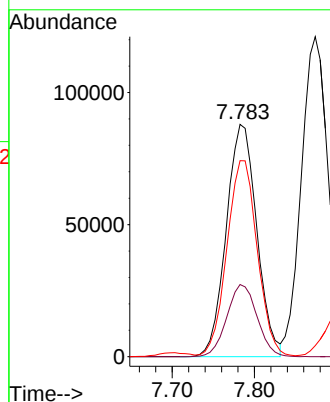
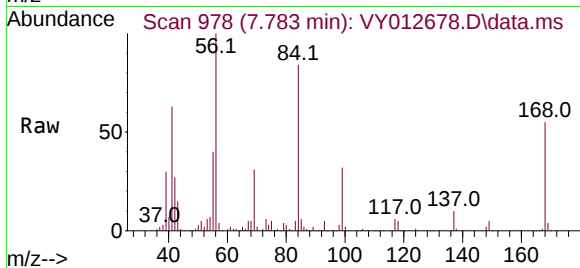
Tgt Ion: 56 Resp: 227153

Ion Ratio Lower Upper

56 100

69 31.1 25.4 38.2

84 83.0 67.3 100.9



#32

1,1,1-Trichloroethane

Concen: 98.491 ug/l

RT: 7.703 min Scan# 965

Delta R.T. 0.006 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

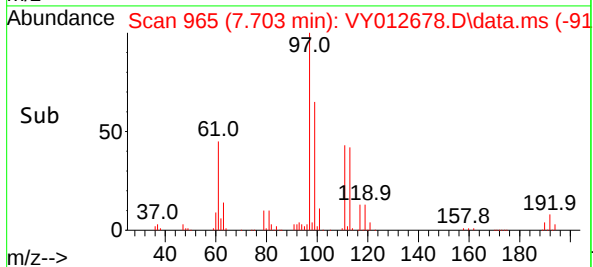
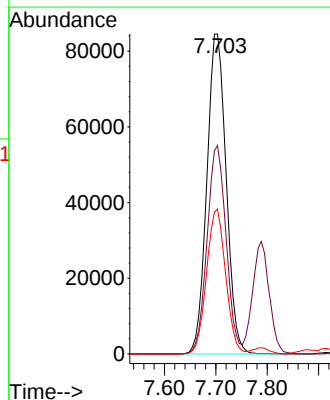
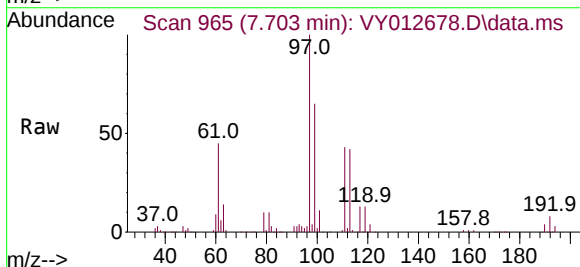
Tgt Ion: 97 Resp: 220562

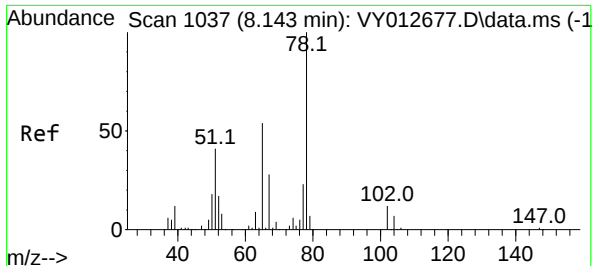
Ion Ratio Lower Upper

97 100

99 64.3 50.6 75.8

61 44.9 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 98.543 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

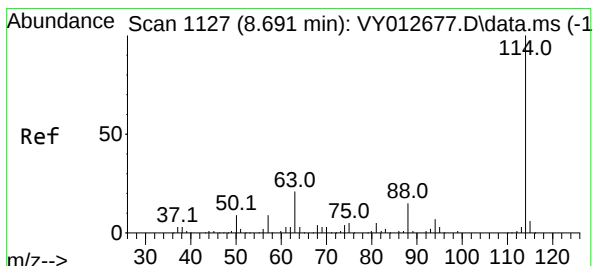
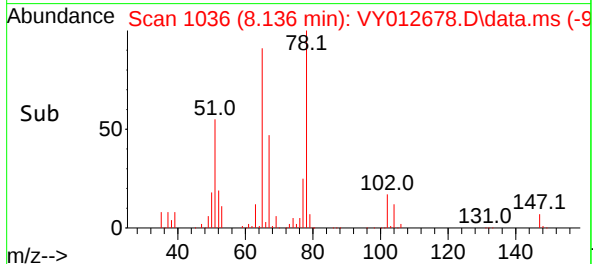
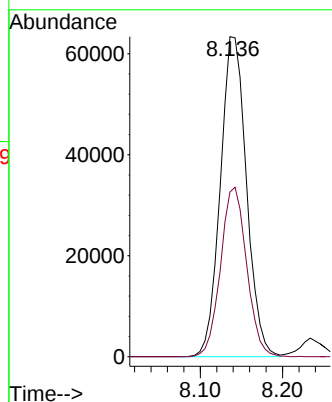
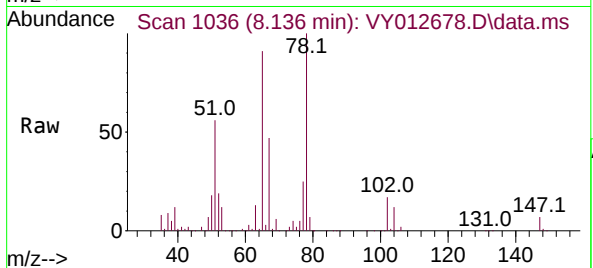
VSTDIC100

Tgt Ion: 65 Resp: 140060

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

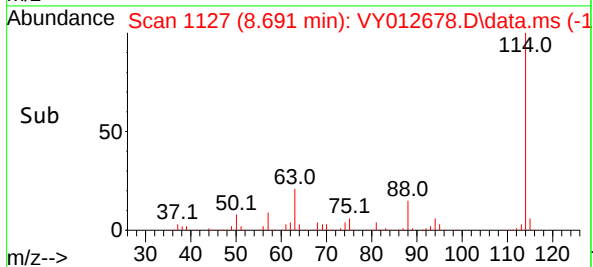
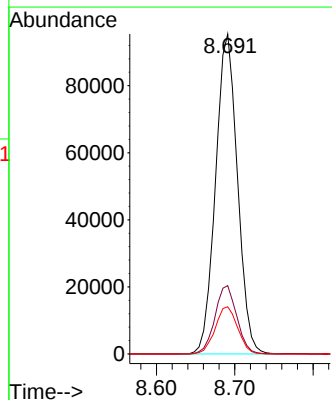
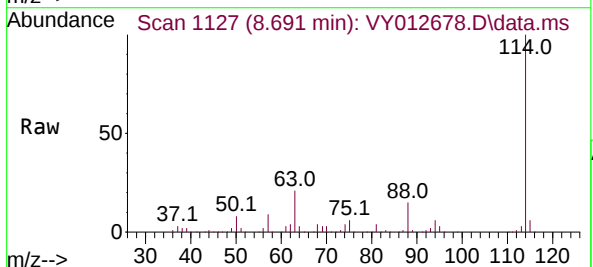
Tgt Ion: 114 Resp: 185384

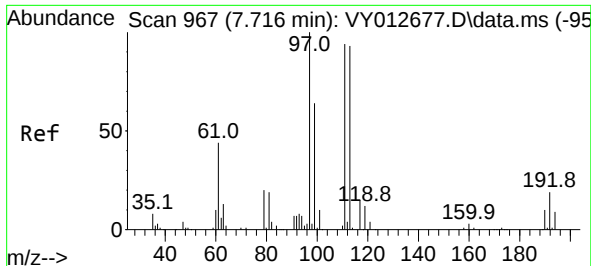
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.8

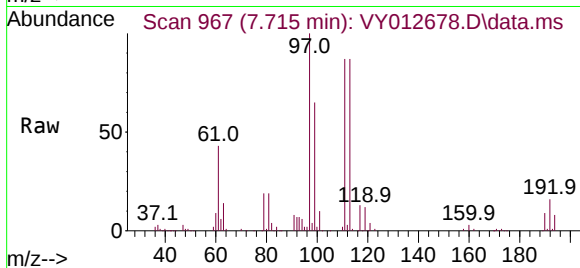
88 14.8 0.0 29.6



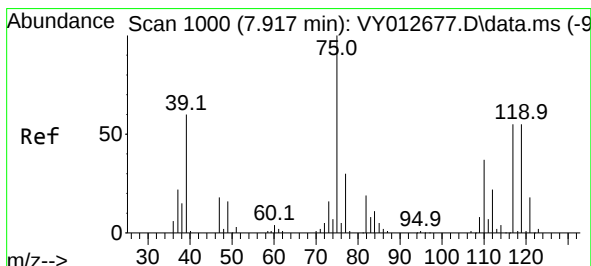
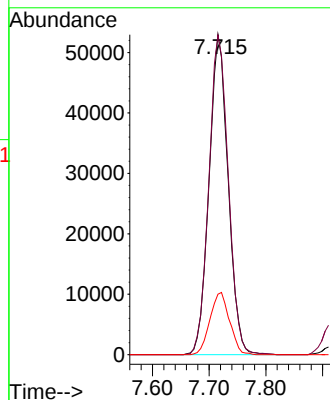
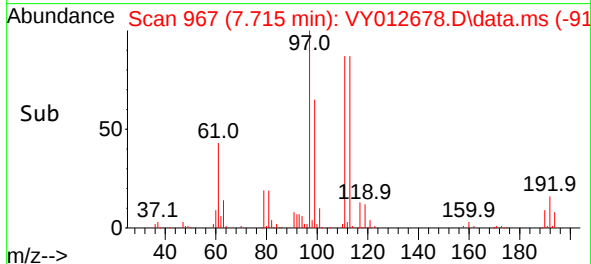


#35
 Dibromofluoromethane
 Concen: 98.790 ug/l
 RT: 7.715 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY012678.D
 Acq: 21 Feb 2023 16:46

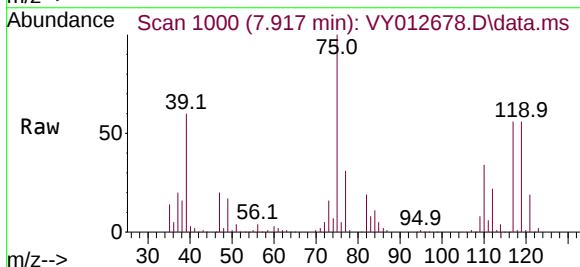
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100



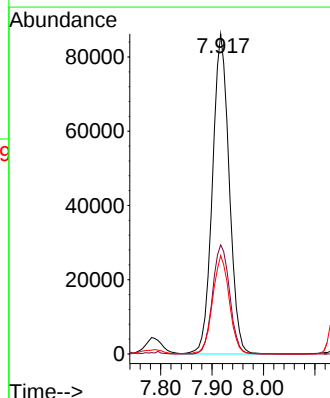
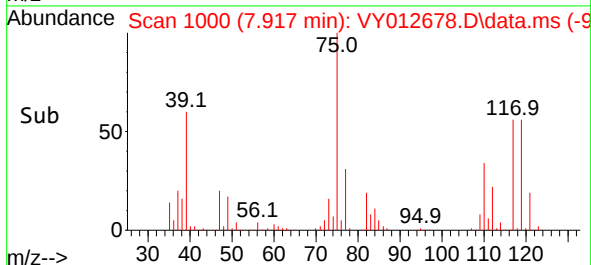
Tgt Ion:113 Resp: 123699
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.0 123.0
 192 20.0 16.2 24.2

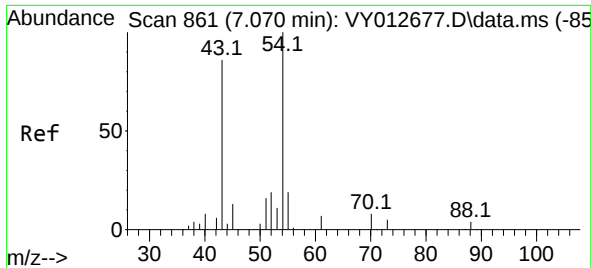


#36
 1,1-Dichloropropene
 Concen: 98.173 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VY012678.D
 Acq: 21 Feb 2023 16:46



Tgt Ion: 75 Resp: 194849
 Ion Ratio Lower Upper
 75 100
 110 34.7 17.6 52.8
 77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 106.916 ug/l

RT: 7.075 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

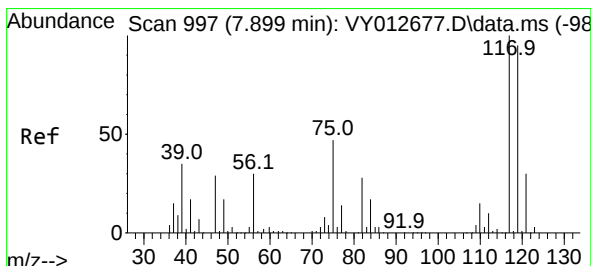
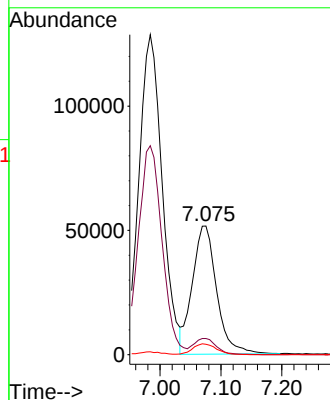
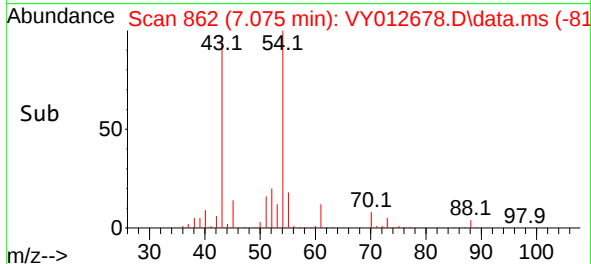
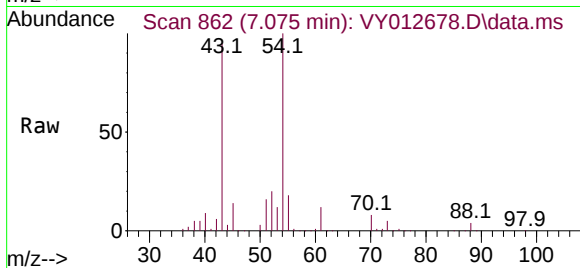
Tgt Ion: 43 Resp: 143186

Ion Ratio Lower Upper

43 100

61 11.8 9.9 14.9

70 8.3 6.4 9.6



#38

Carbon Tetrachloride

Concen: 98.894 ug/l

RT: 7.904 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

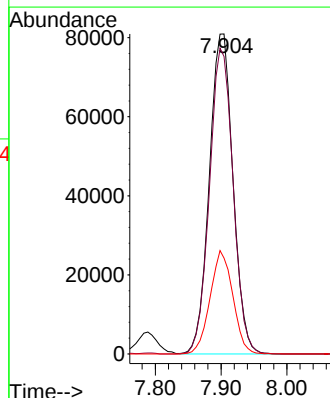
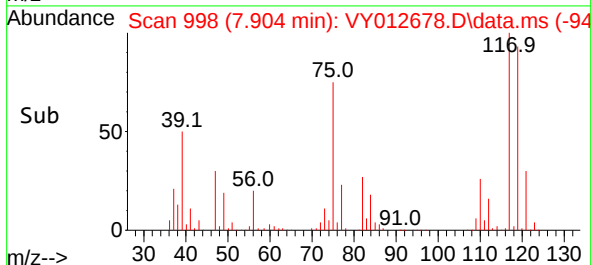
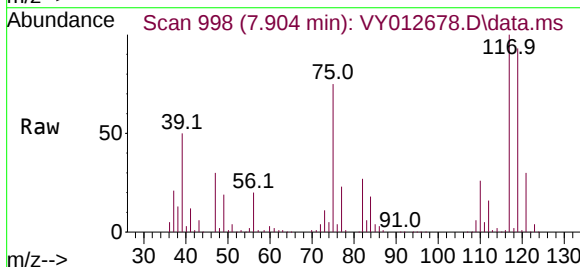
Tgt Ion: 117 Resp: 202952

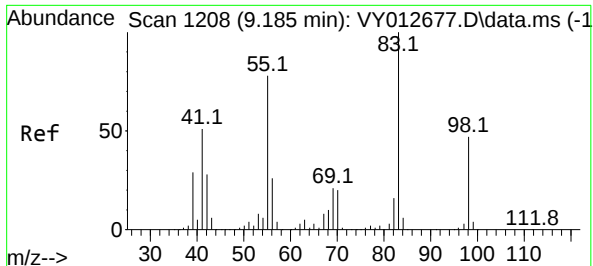
Ion Ratio Lower Upper

117 100

119 93.0 75.5 113.3

121 30.0 23.8 35.8





#39

Methylcyclohexane

Concen: 102.208 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

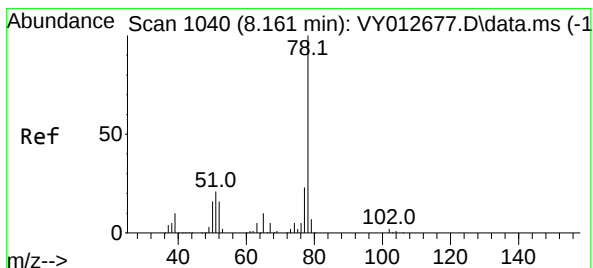
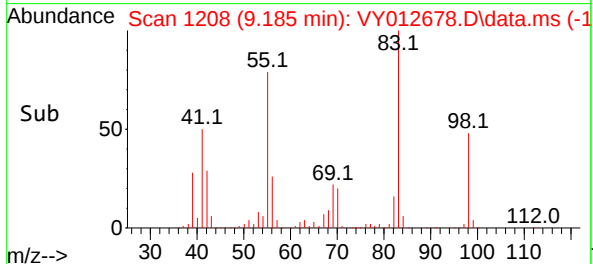
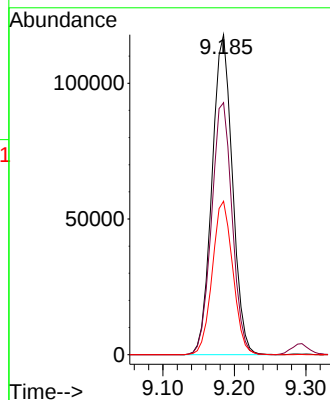
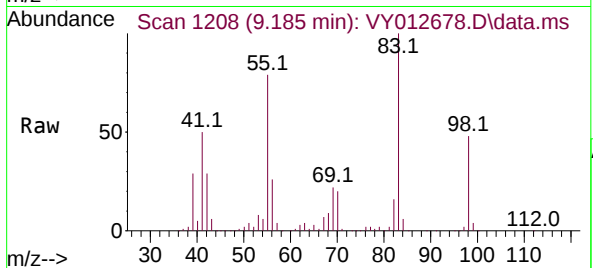
Tgt Ion: 83 Resp: 234006

Ion Ratio Lower Upper

83 100

55 78.8 62.5 93.7

98 48.0 37.8 56.6



#40

Benzene

Concen: 98.026 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012678.D

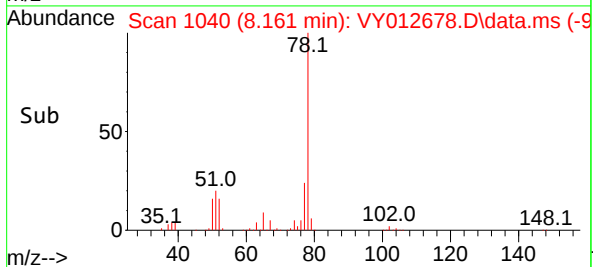
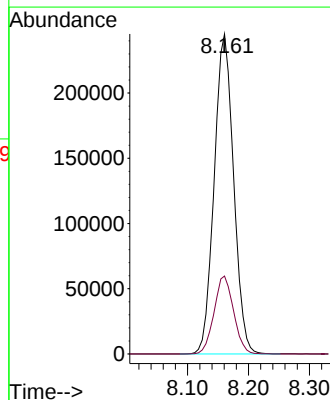
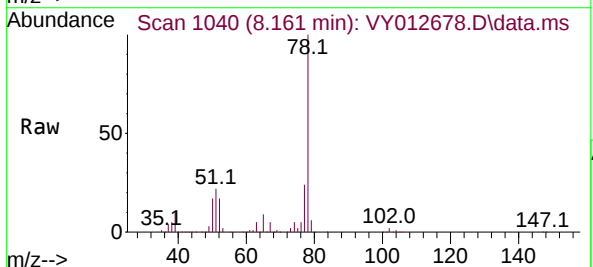
Acq: 21 Feb 2023 16:46

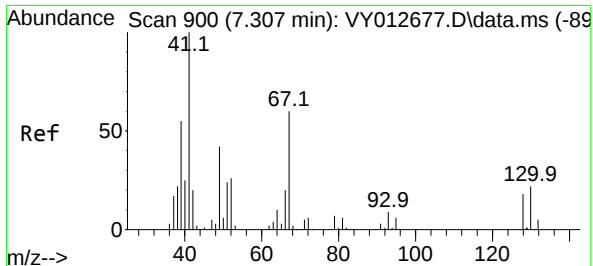
Tgt Ion: 78 Resp: 543083

Ion Ratio Lower Upper

78 100

77 24.3 18.5 27.7

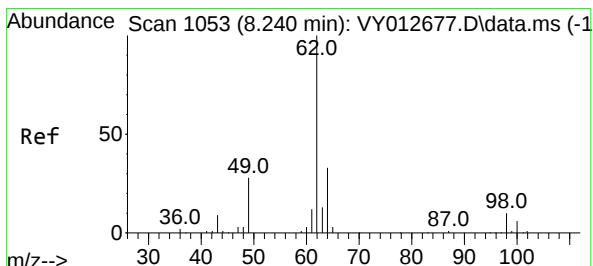
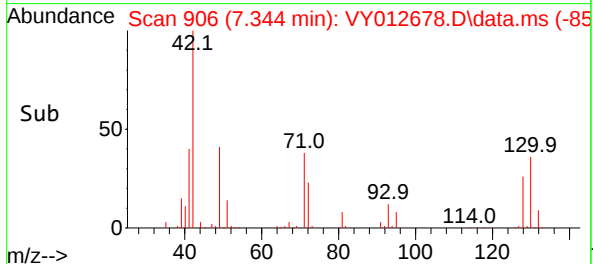
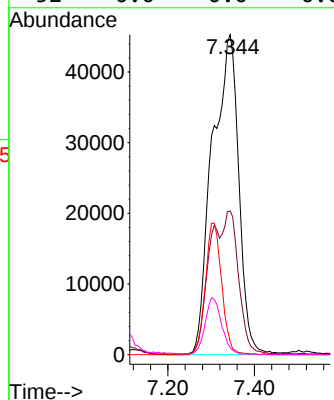
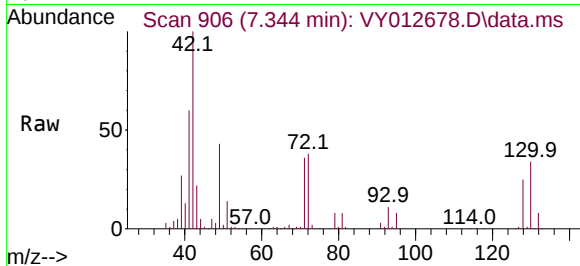




#41
Methacrylonitrile
Concen: 294.170 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.036 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

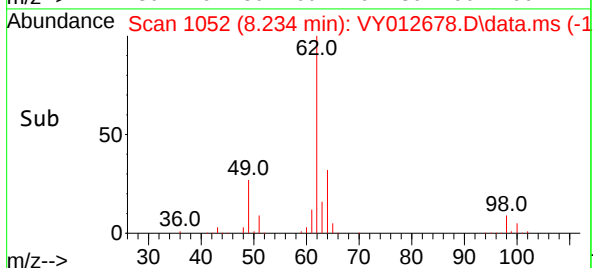
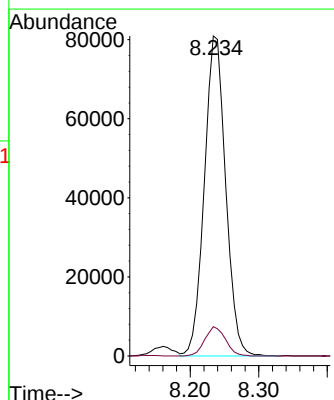
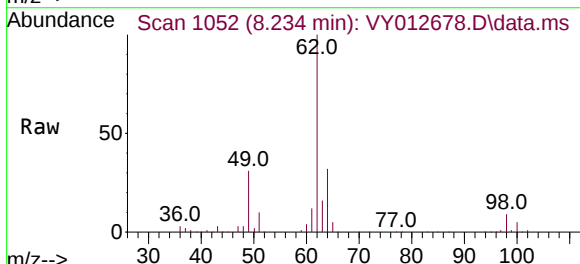
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

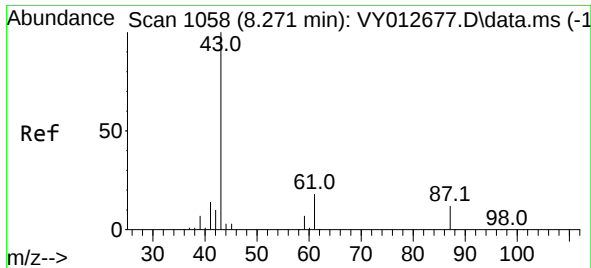
Tgt Ion:	41	Resp:	191918
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 102.111 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.007 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

Tgt Ion:	62	Resp:	175421
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.8

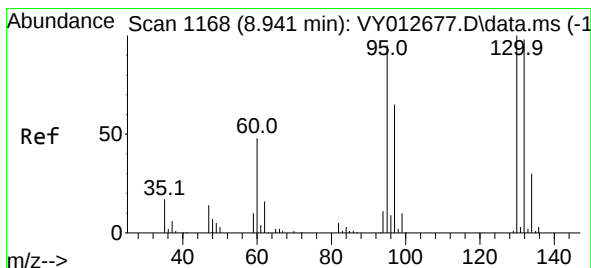
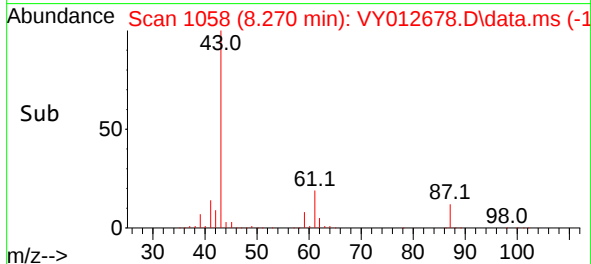
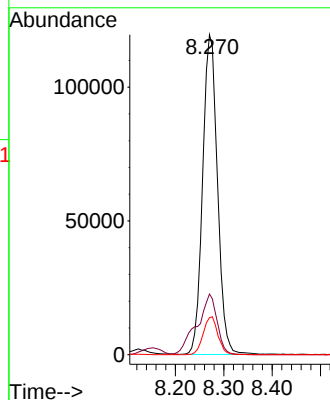
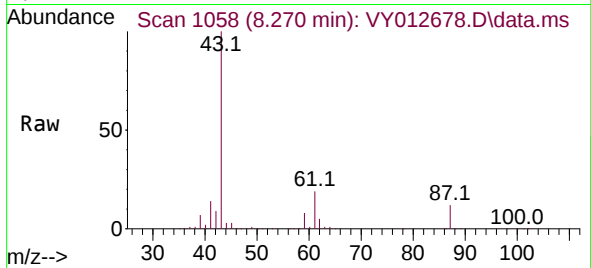




#43
Isopropyl Acetate
Concen: 110.285 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

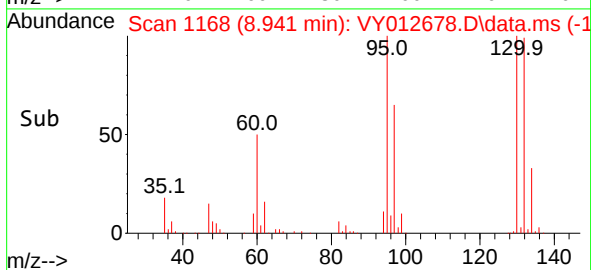
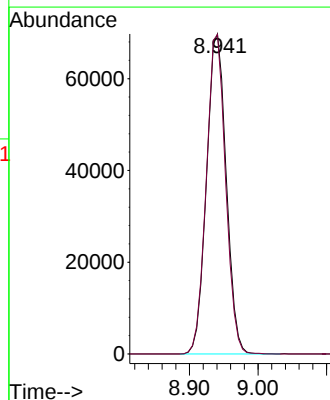
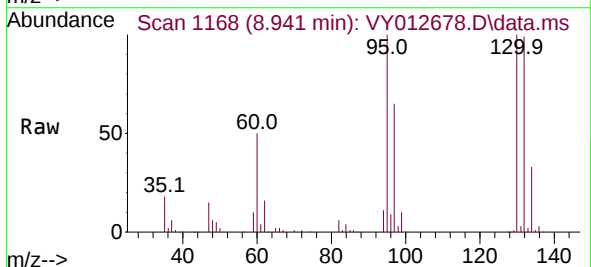
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

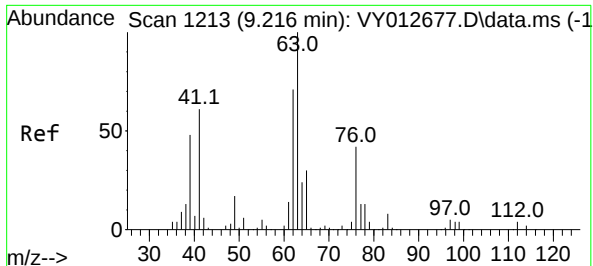
Tgt Ion: 43 Resp: 255229
Ion Ratio Lower Upper
43 100
61 25.7 20.5 30.7
87 11.8 9.2 13.8



#44
Trichloroethene
Concen: 97.269 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

Tgt Ion:130 Resp: 139327
Ion Ratio Lower Upper
130 100
95 99.9 0.0 190.6





#45

1,2-Dichloropropane

Concen: 99.174 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

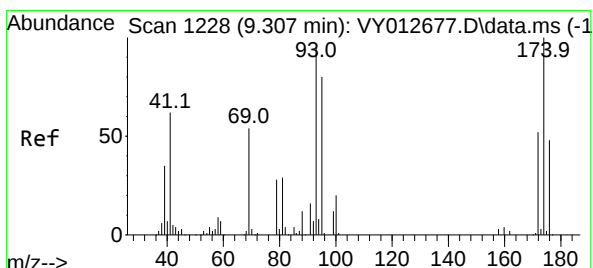
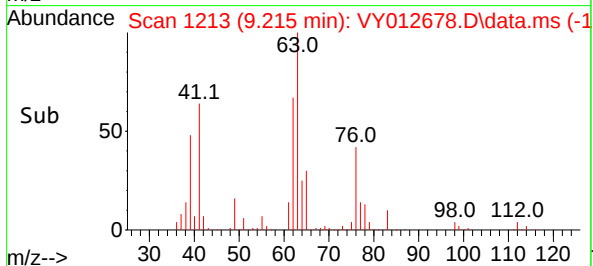
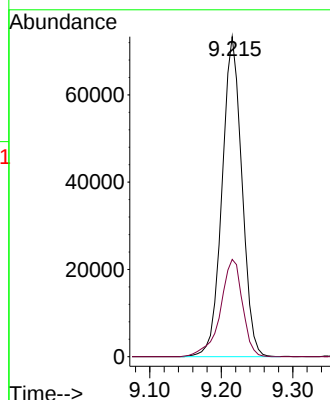
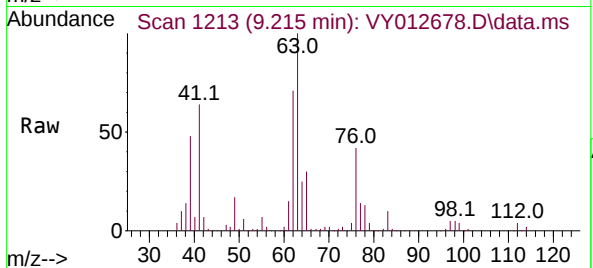
VSTDIC100

Tgt Ion: 63 Resp: 141330

Ion Ratio Lower Upper

63 100

65 30.4 23.9 35.9



#46

Dibromomethane

Concen: 101.704 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

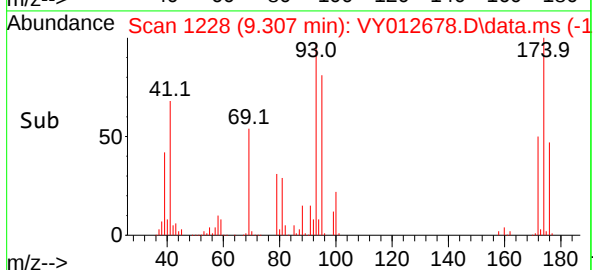
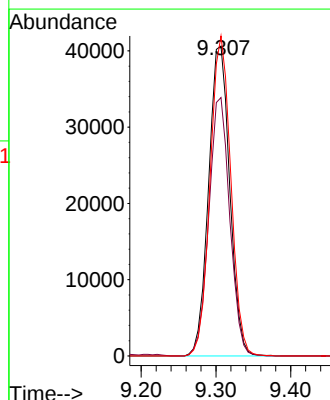
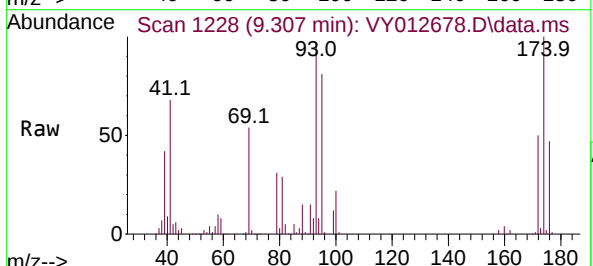
Tgt Ion: 93 Resp: 80007

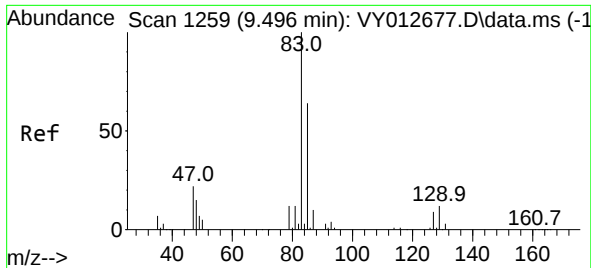
Ion Ratio Lower Upper

93 100

95 82.4 66.6 99.8

174 100.7 79.8 119.6

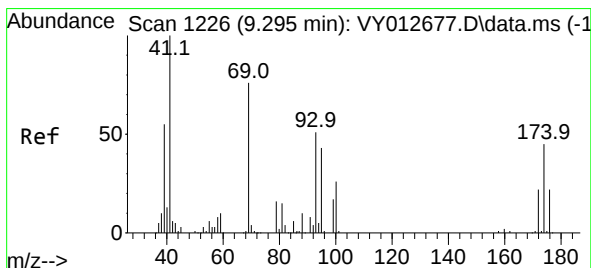
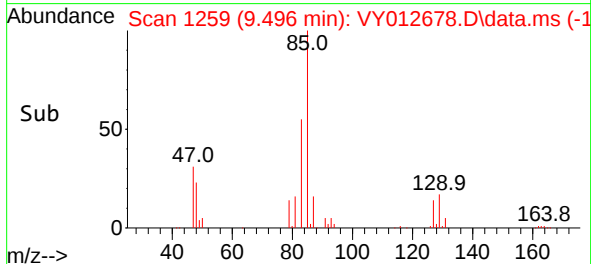
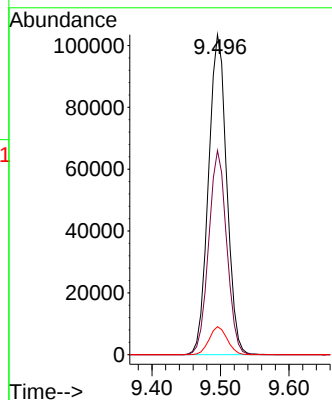
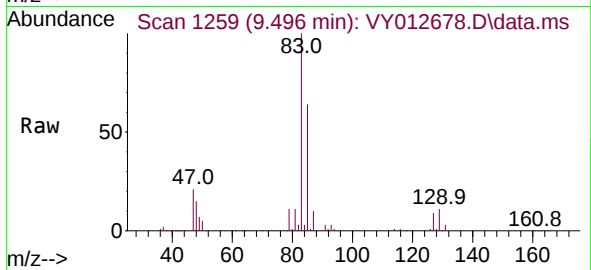




#47
Bromodichloromethane
Concen: 100.870 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

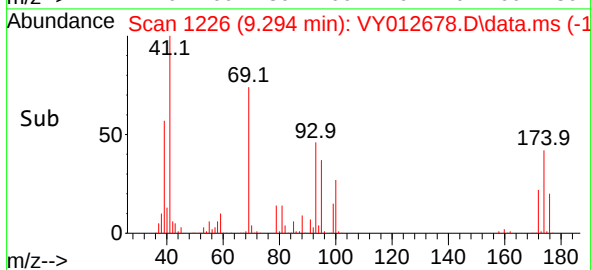
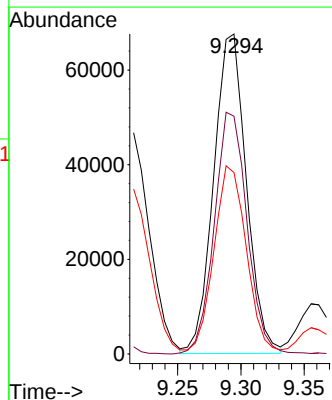
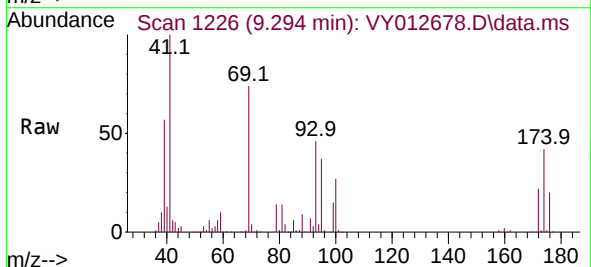
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

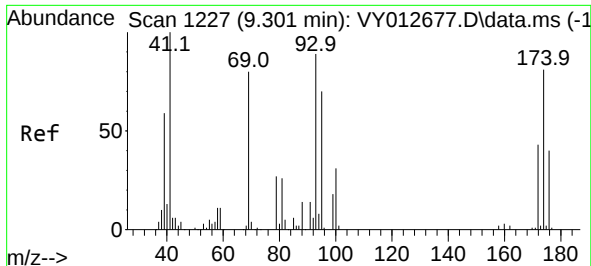
Tgt Ion: 83 Resp: 191029
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 112.370 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

Tgt Ion: 41 Resp: 121352
Ion Ratio Lower Upper
41 100
69 76.0 62.6 93.8
39 56.2 45.1 67.7





#49

1,4-Dioxane

Concen: 1965.820 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

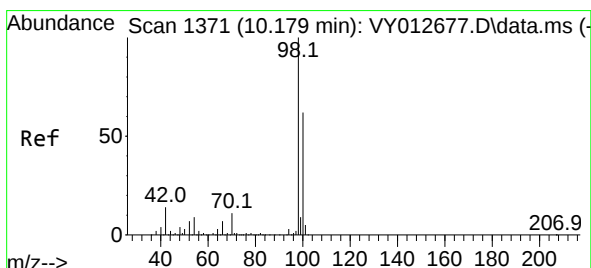
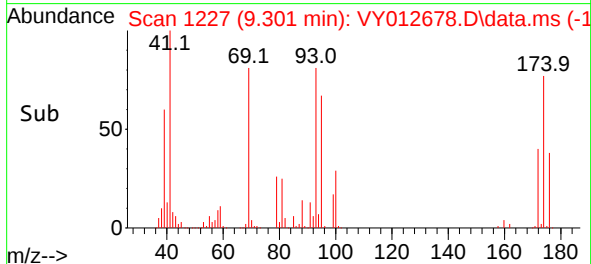
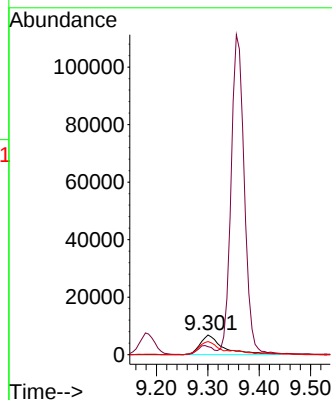
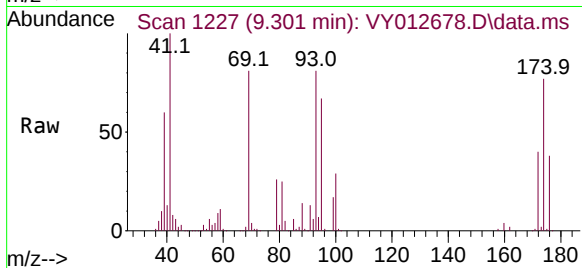
Tgt Ion: 88 Resp: 21969

Ion Ratio Lower Upper

88 100

43 30.8 23.1 34.7

58 74.9 45.8 68.8#



#50

Toluene-d8

Concen: 98.198 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012678.D

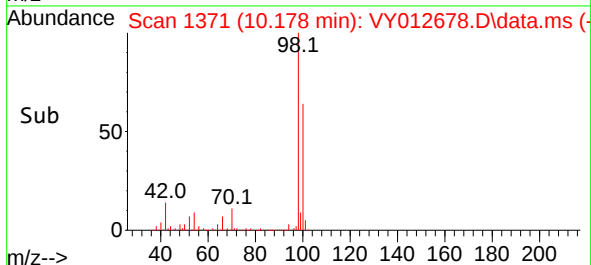
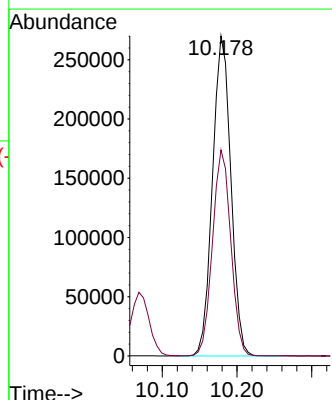
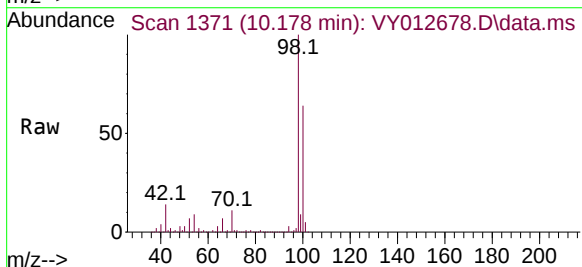
Acq: 21 Feb 2023 16:46

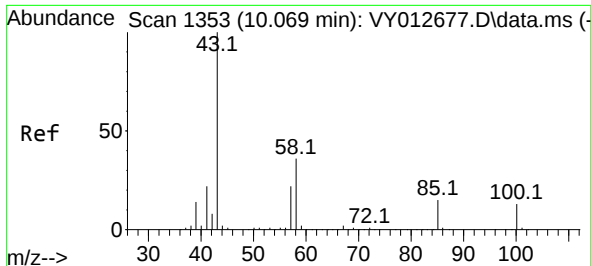
Tgt Ion: 98 Resp: 460652

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8

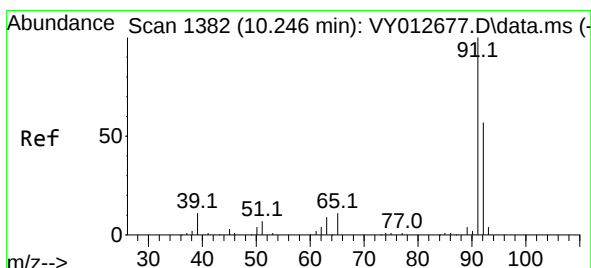
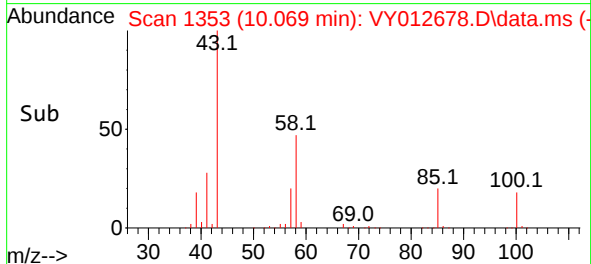
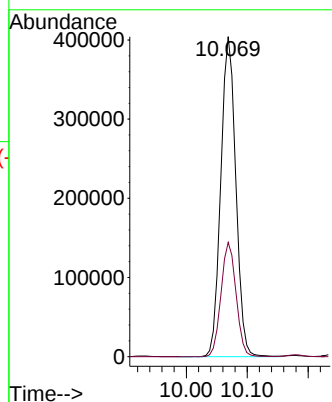
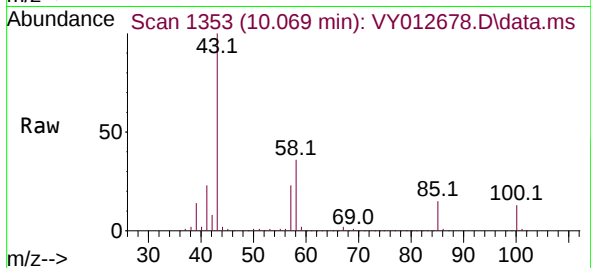




#51
4-Methyl-2-Pentanone
Concen: 555.982 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

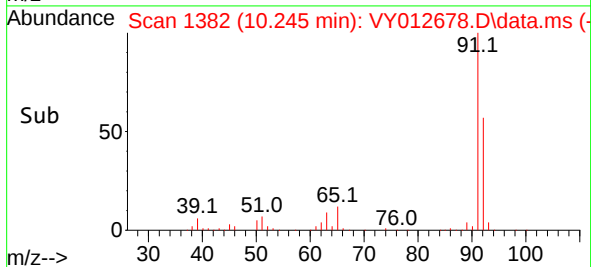
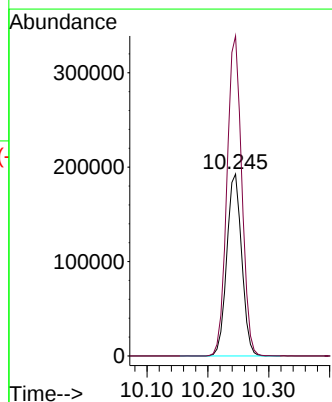
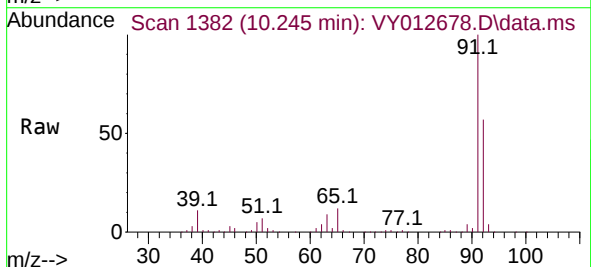
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

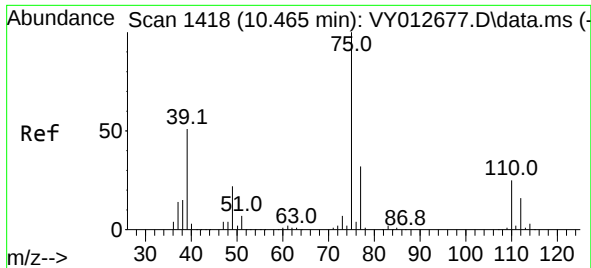
Tgt Ion: 43 Resp: 694079
Ion Ratio Lower Upper
43 100
58 35.7 28.8 43.2



#52
Toluene
Concen: 99.711 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

Tgt Ion: 92 Resp: 327311
Ion Ratio Lower Upper
92 100
91 174.9 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 103.942 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

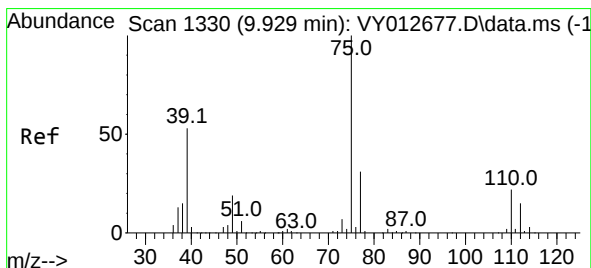
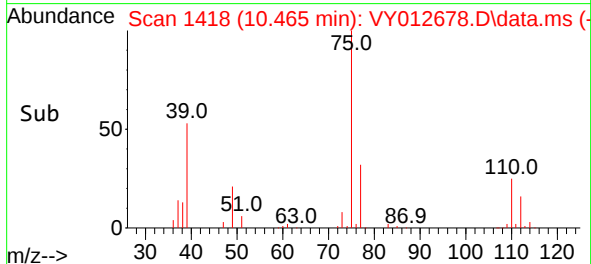
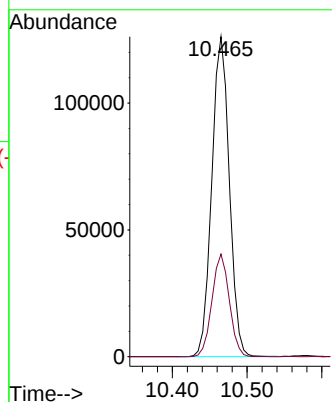
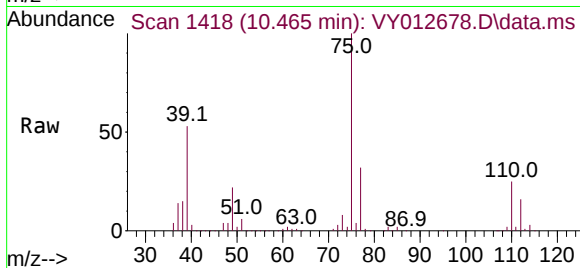
VSTDICC100

Tgt Ion: 75 Resp: 205699

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 101.696 ug/l

RT: 9.928 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

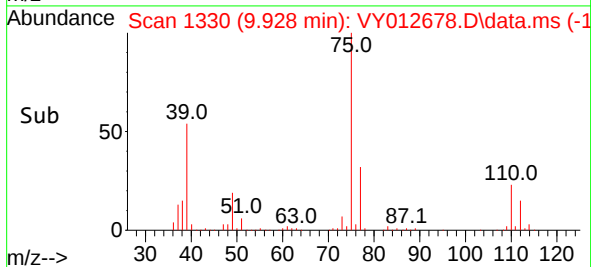
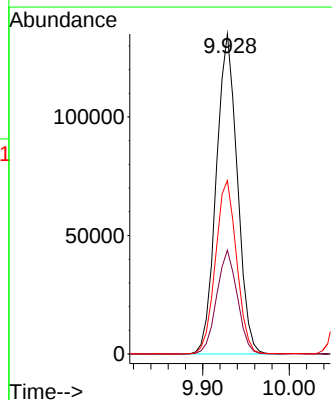
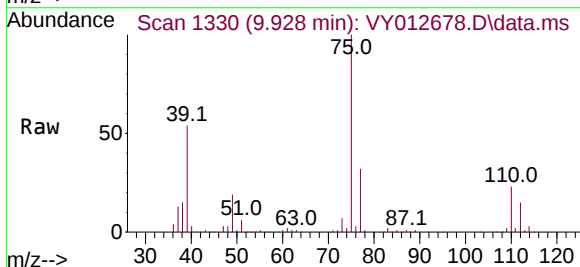
Tgt Ion: 75 Resp: 227732

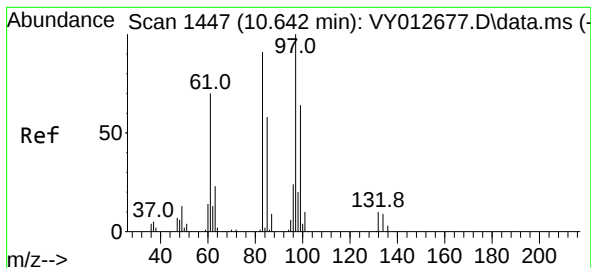
Ion Ratio Lower Upper

75 100

77 32.4 24.9 37.3

39 54.2 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 99.880 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 106720

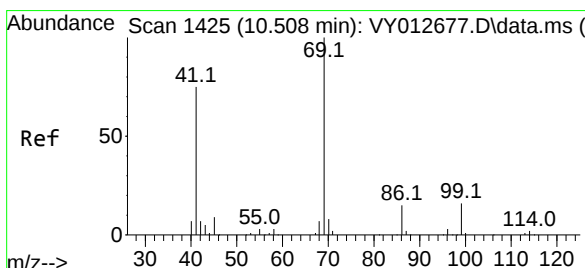
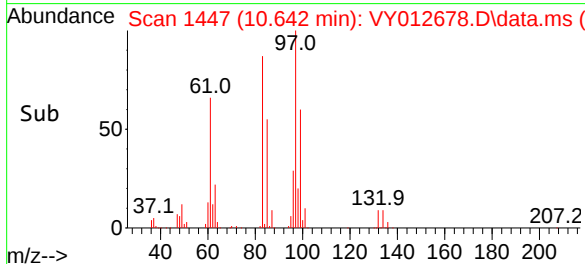
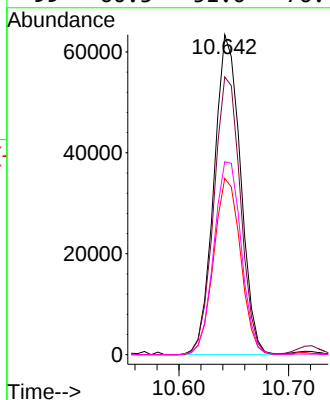
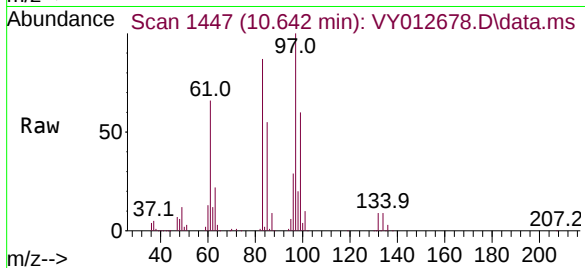
Ion Ratio Lower Upper

97 100

83 86.8 73.1 109.7

85 55.1 46.1 69.1

99 60.3 51.0 76.4



#56

Ethyl methacrylate

Concen: 112.171 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

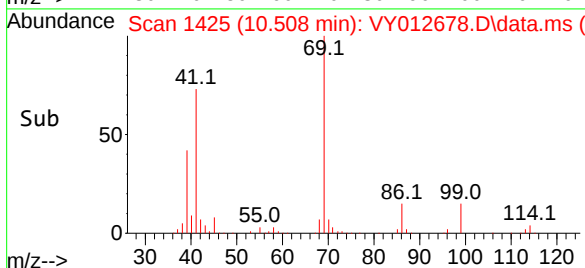
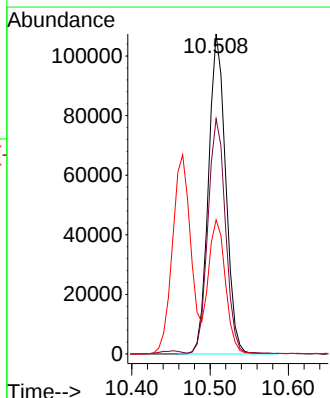
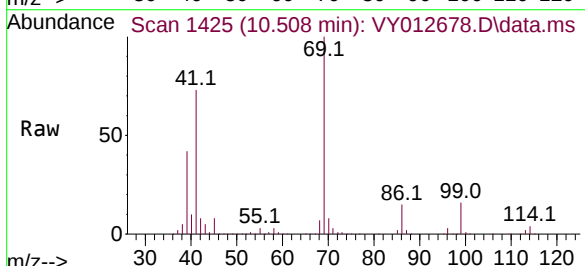
Tgt Ion: 69 Resp: 163680

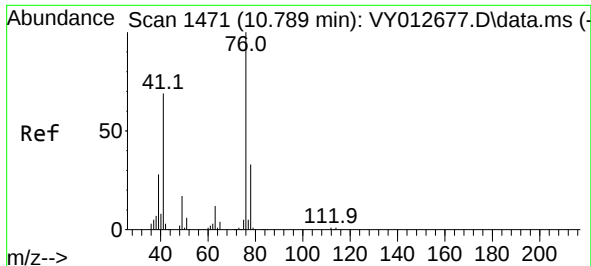
Ion Ratio Lower Upper

69 100

41 74.6 60.2 90.4

39 40.7 32.4 48.6





#57

1,3-Dichloropropane

Concen: 100.879 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

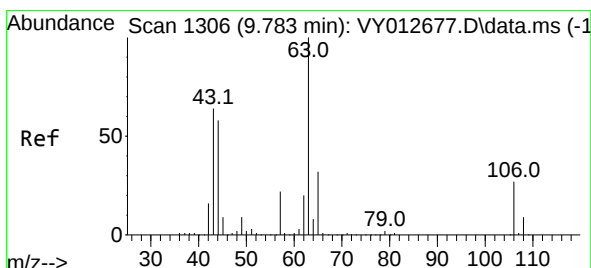
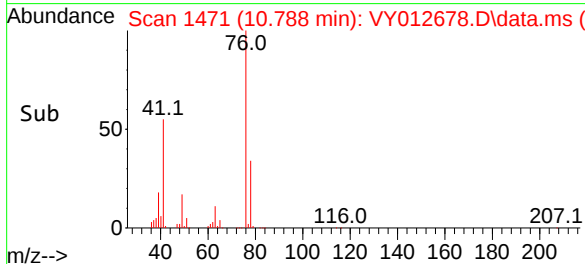
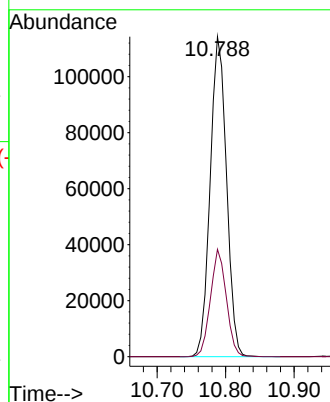
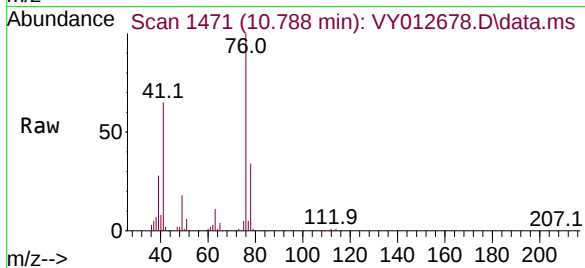
VSTDIC100

Tgt Ion: 76 Resp: 189448

Ion Ratio Lower Upper

76 100

78 32.5 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 538.142 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012678.D

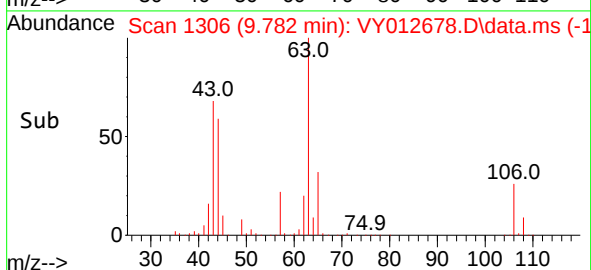
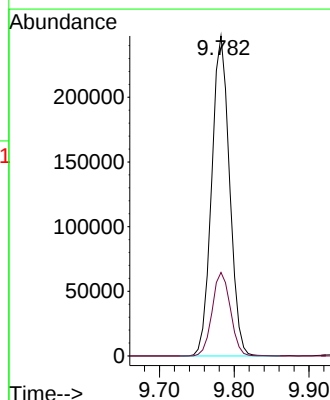
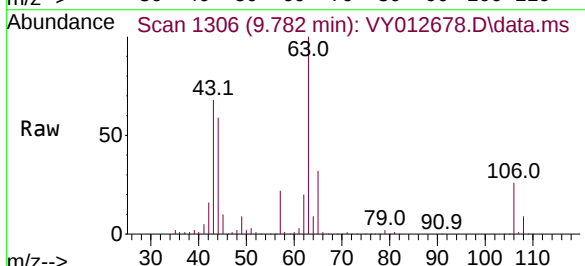
Acq: 21 Feb 2023 16:46

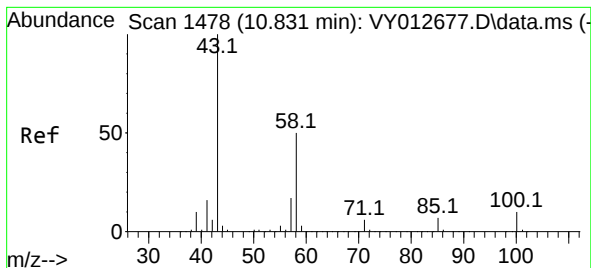
Tgt Ion: 63 Resp: 411148

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.6

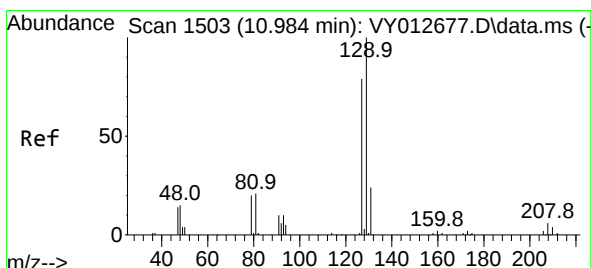
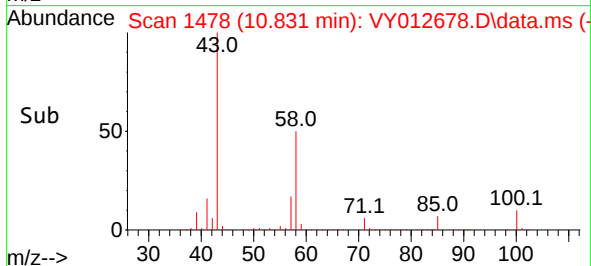
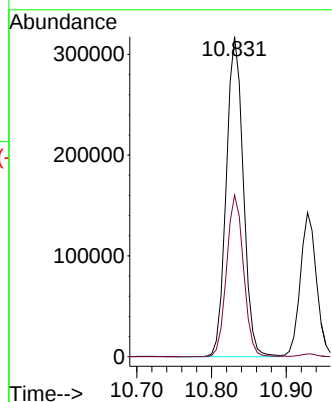
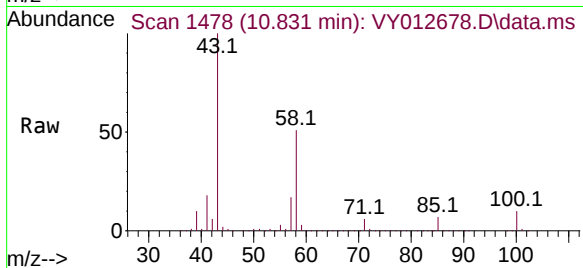




#59
2-Hexanone
Concen: 568.565 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

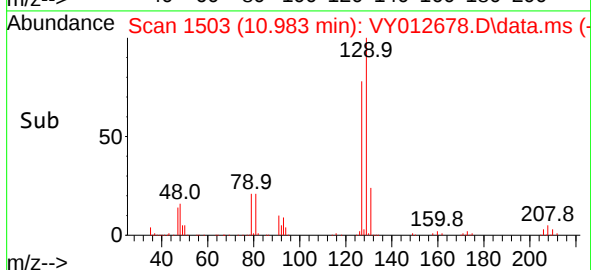
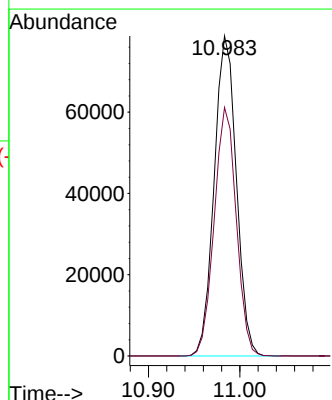
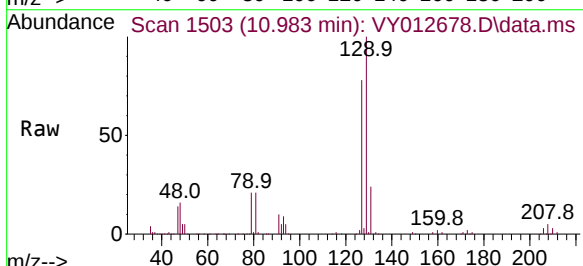
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

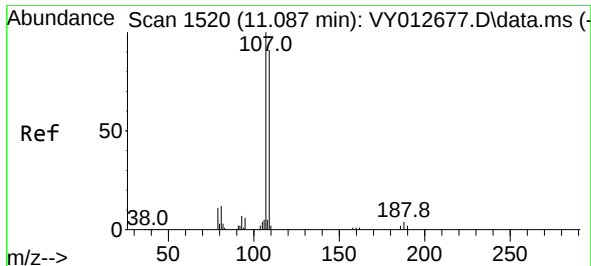
Tgt Ion: 43 Resp: 503179
Ion Ratio Lower Upper
43 100
58 50.2 24.9 74.6



#60
Dibromochloromethane
Concen: 102.520 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

Tgt Ion: 129 Resp: 132714
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.3

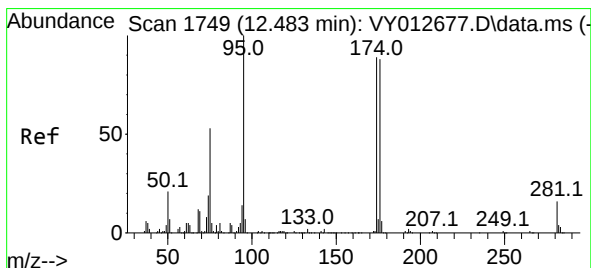
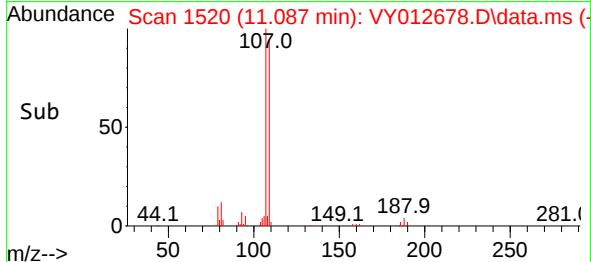
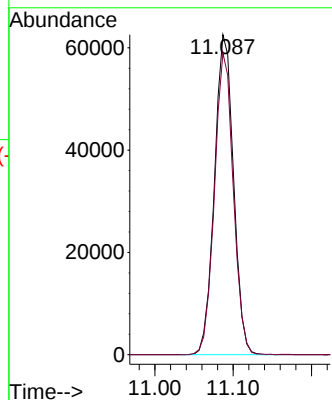
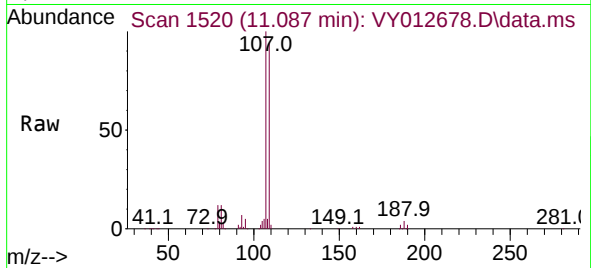




#61
1,2-Dibromoethane
Concen: 103.148 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

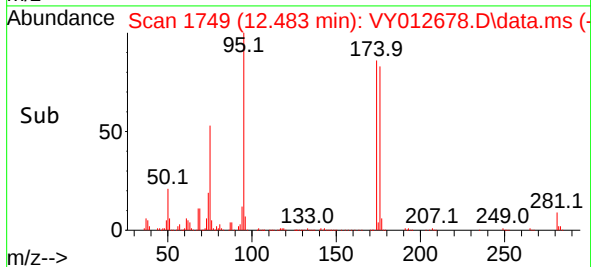
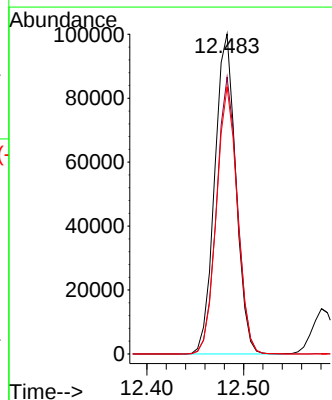
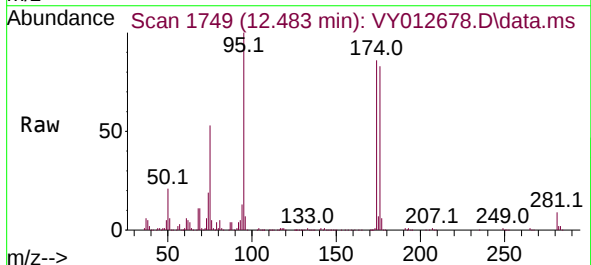
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

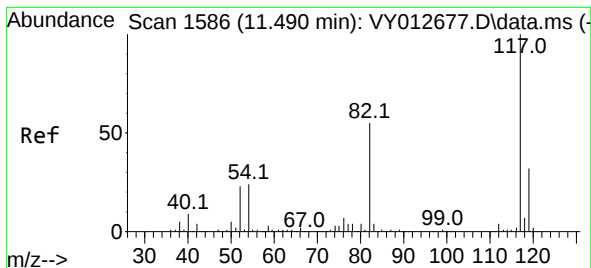
Tgt Ion:107 Resp: 105590
Ion Ratio Lower Upper
107 100
109 93.5 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 101.136 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

Tgt Ion: 95 Resp: 151822
Ion Ratio Lower Upper
95 100
174 85.0 0.0 172.8
176 82.6 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

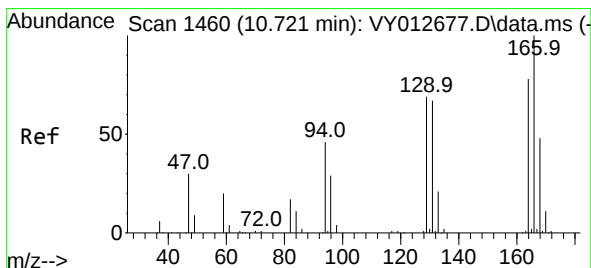
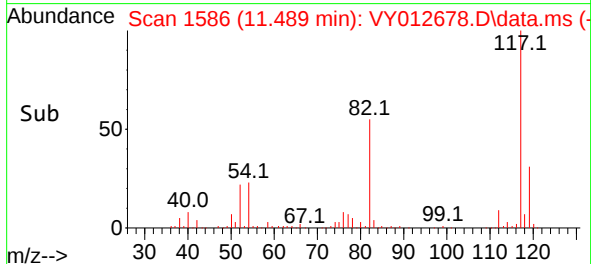
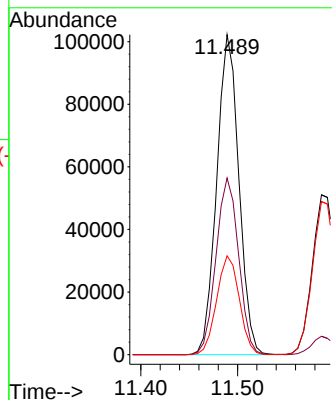
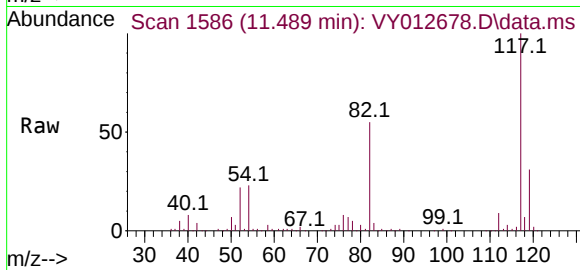
Tgt Ion:117 Resp: 162320

Ion Ratio Lower Upper

117 100

82 55.2 44.1 66.1

119 30.9 25.5 38.3



#64

Tetrachloroethene

Concen: 98.145 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Tgt Ion:164 Resp: 115863

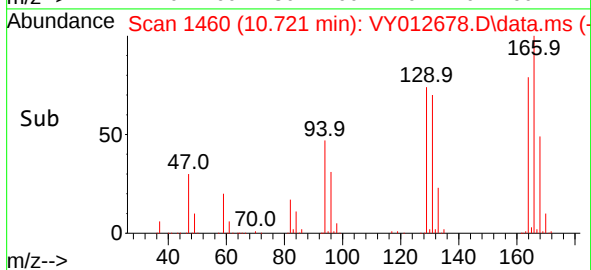
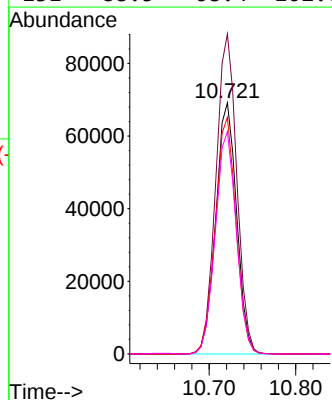
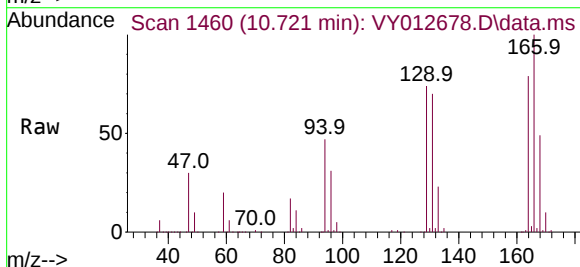
Ion Ratio Lower Upper

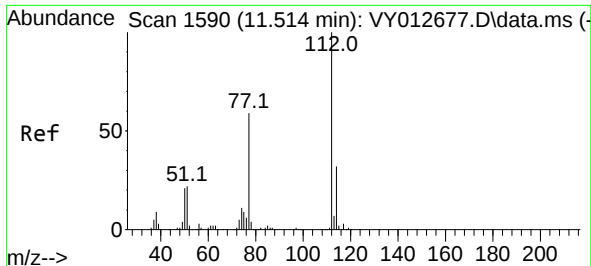
164 100

166 127.4 102.2 153.4

129 94.2 71.0 106.6

131 88.5 68.4 102.6

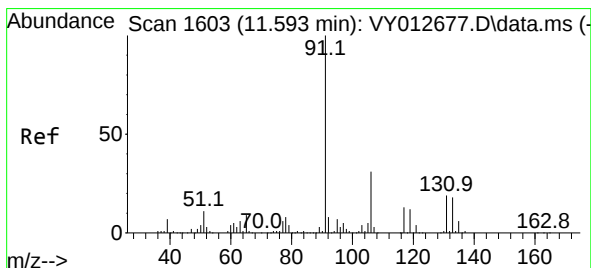
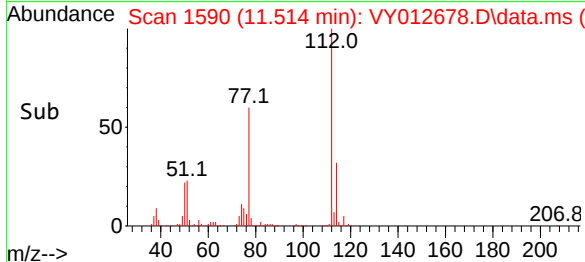
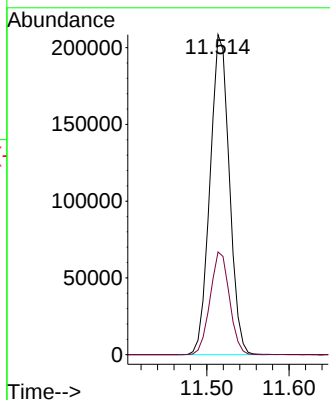
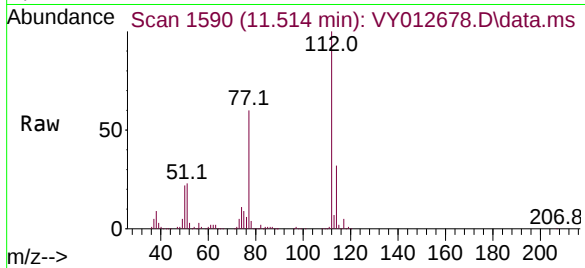




#65
Chlorobenzene
Concen: 97.778 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

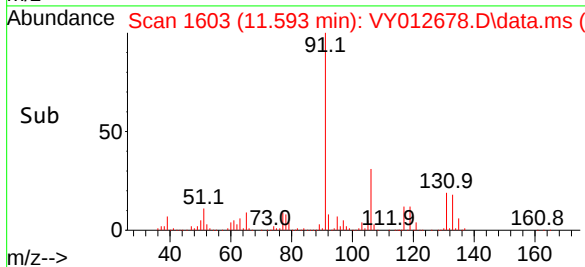
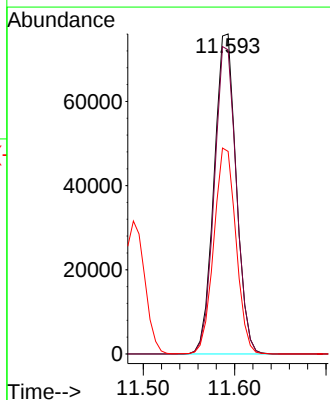
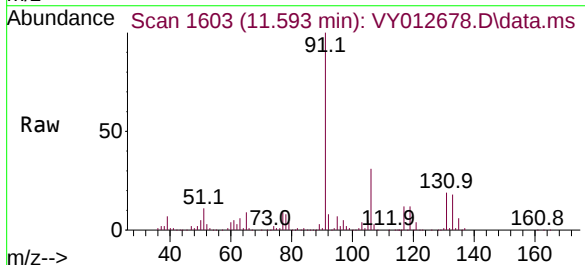
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

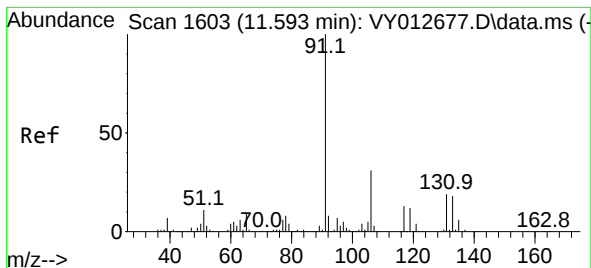
Tgt Ion:112 Resp: 340348
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 99.044 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

Tgt Ion:131 Resp: 127764
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.3
119 64.5 32.4 97.2





#67

Ethyl Benzene

Concen: 101.206 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

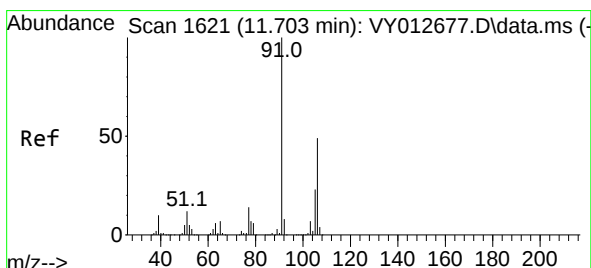
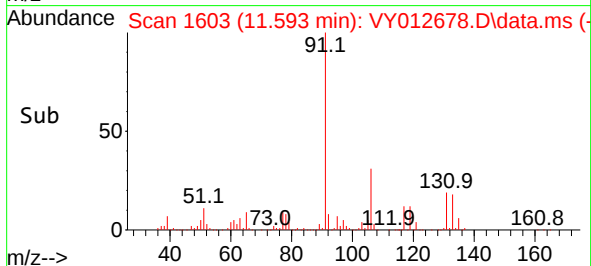
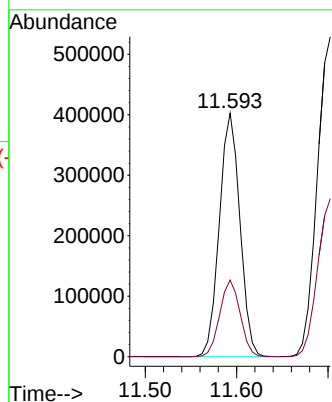
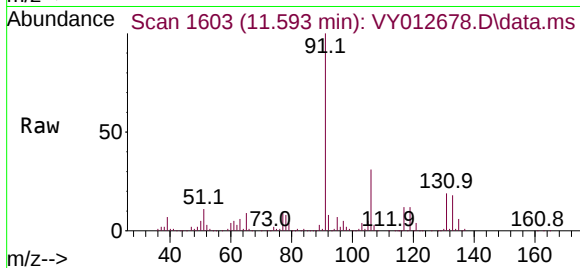
VSTDICC100

Tgt Ion: 91 Resp: 629692

Ion Ratio Lower Upper

91 100

106 31.4 25.2 37.8



#68

m/p-Xylenes

Concen: 200.149 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012678.D

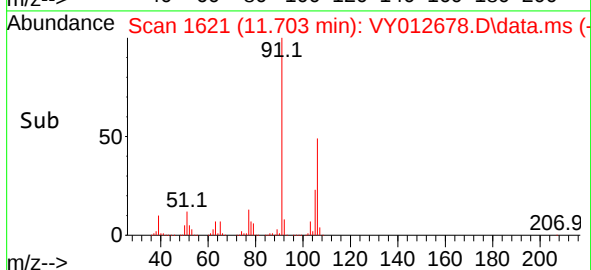
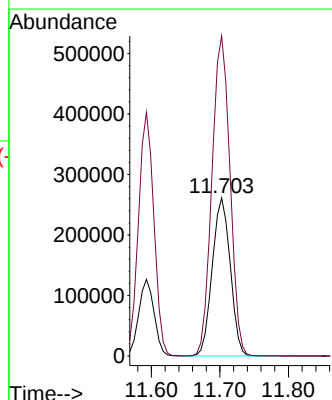
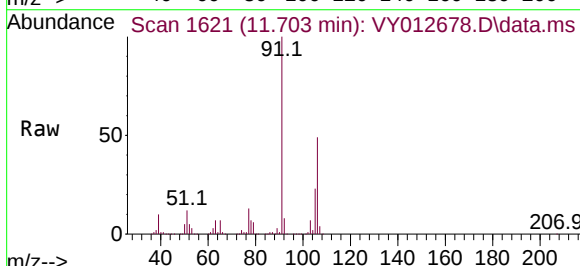
Acq: 21 Feb 2023 16:46

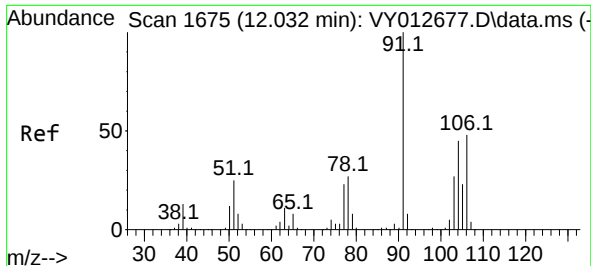
Tgt Ion:106 Resp: 475047

Ion Ratio Lower Upper

106 100

91 203.7 163.2 244.8

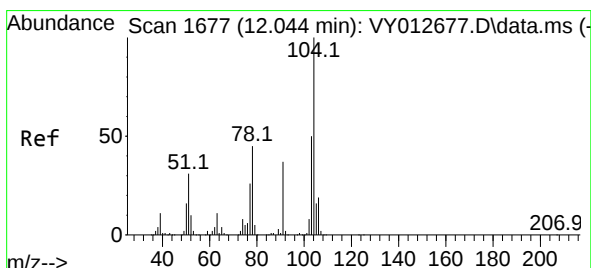
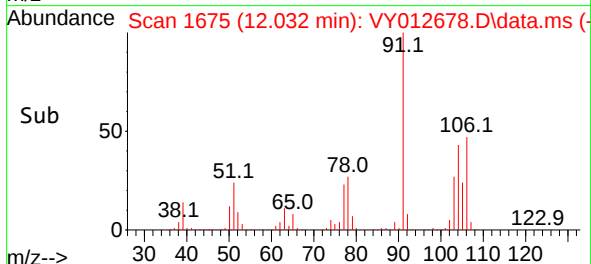
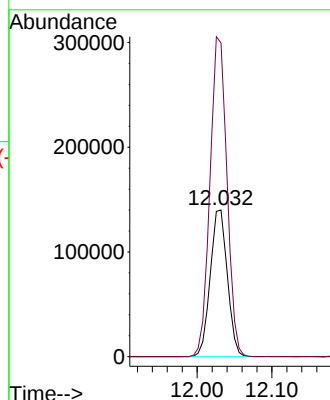
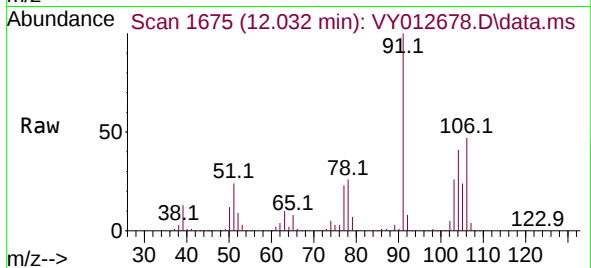




#69
o-Xylene
Concen: 101.247 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

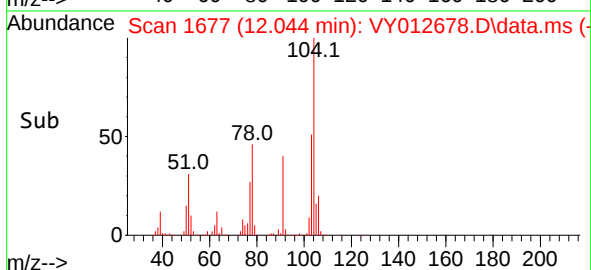
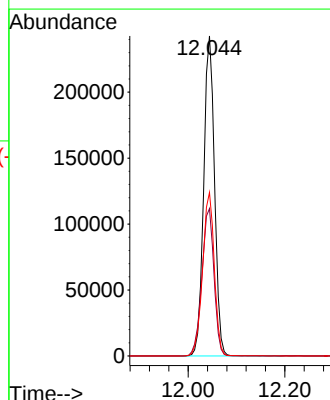
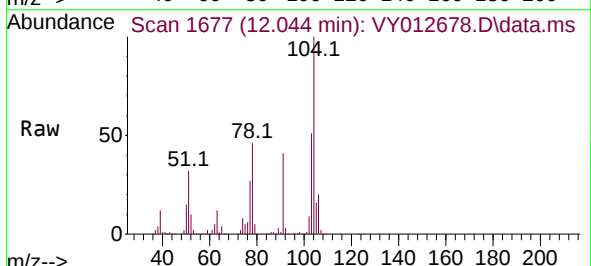
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

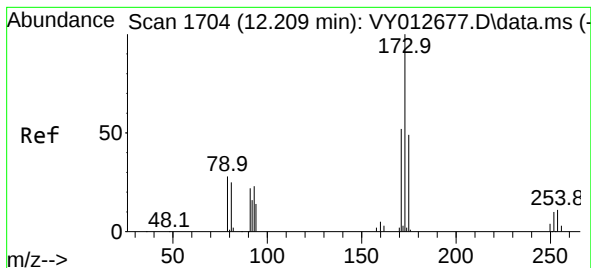
Tgt Ion:106 Resp: 222577
Ion Ratio Lower Upper
106 100
91 216.8 106.3 319.0



#70
Styrene
Concen: 102.529 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

Tgt Ion:104 Resp: 377779
Ion Ratio Lower Upper
104 100
78 51.4 40.6 61.0
103 55.1 44.1 66.1





#71

Bromoform

Concen: 105.659 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

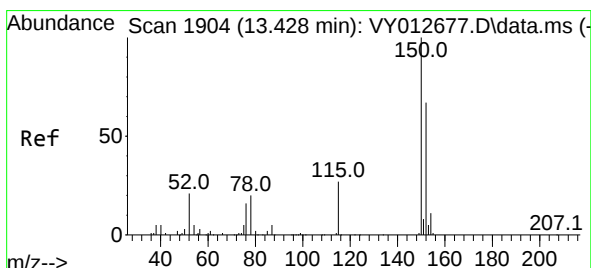
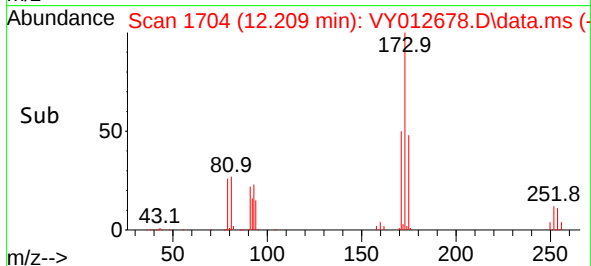
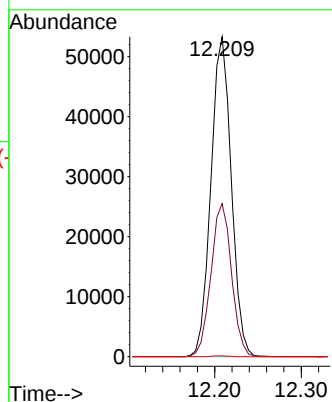
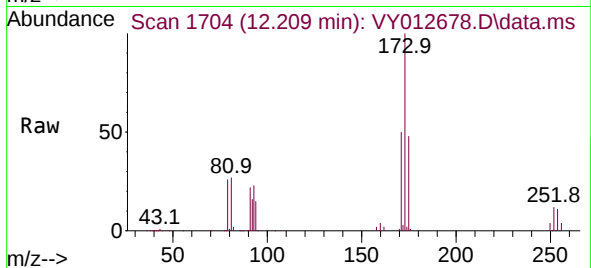
Tgt Ion:173 Resp: 86973

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

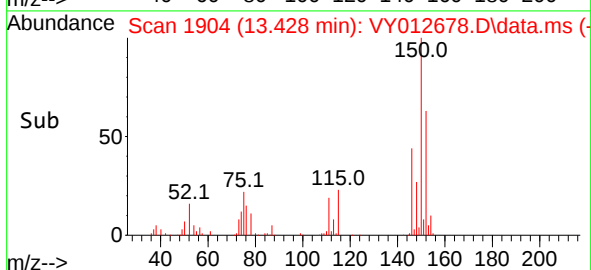
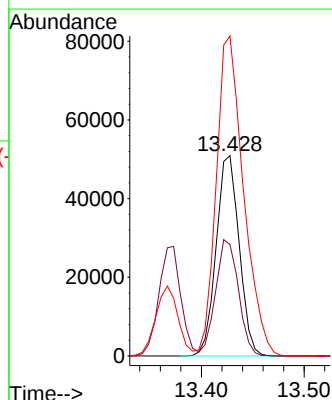
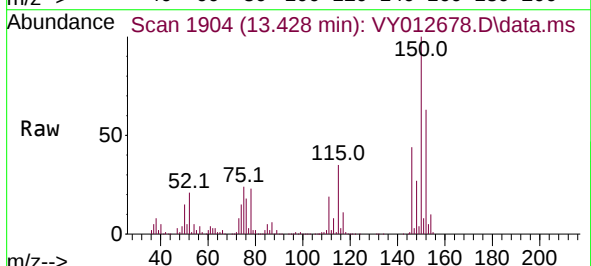
Tgt Ion:152 Resp: 79003

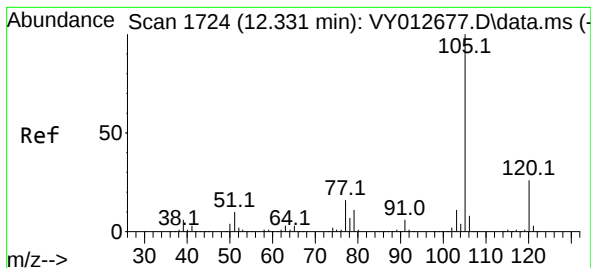
Ion Ratio Lower Upper

152 100

115 57.7 28.7 86.3

150 190.0 0.0 347.6





#73

Isopropylbenzene

Concen: 100.995 ug/l

RT: 12.330 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

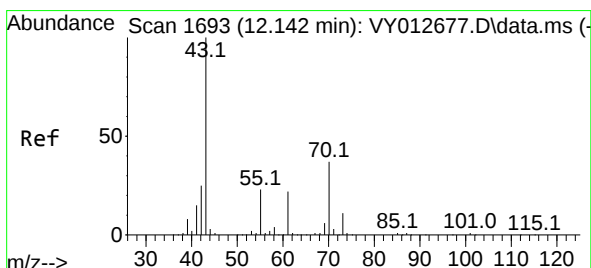
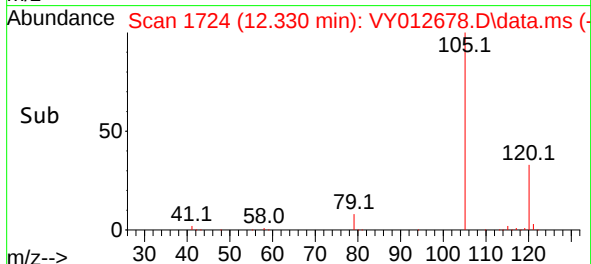
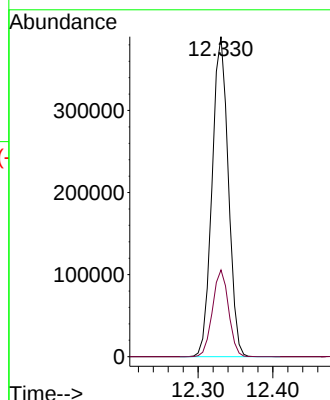
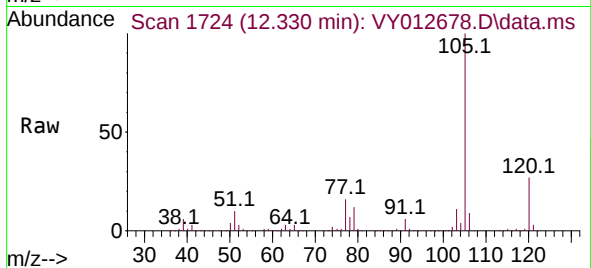
VSTDICC100

Tgt Ion:105 Resp: 589635

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5



#74

N-ethyl acetate

Concen: 110.311 ug/l

RT: 12.141 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Tgt Ion: 43 Resp: 211708

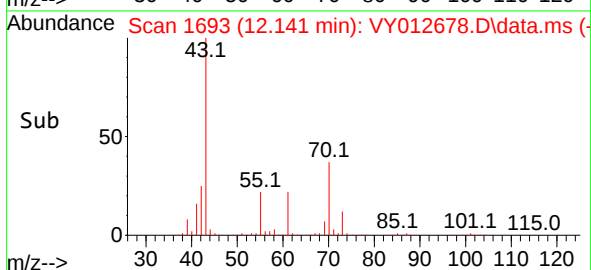
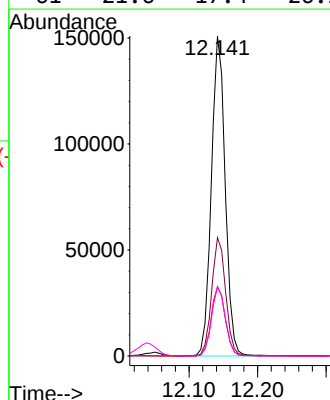
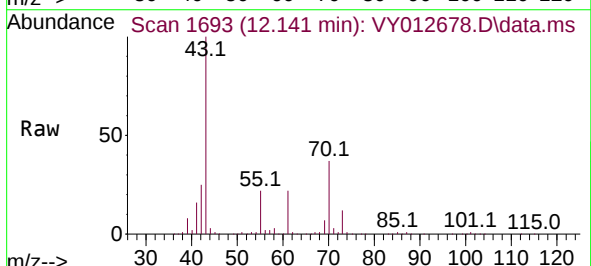
Ion Ratio Lower Upper

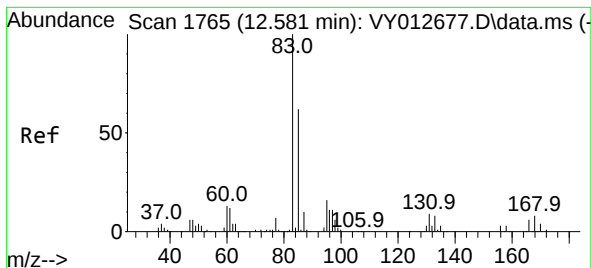
43 100

70 37.3 29.8 44.6

55 22.2 18.2 27.2

61 21.6 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 101.359 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

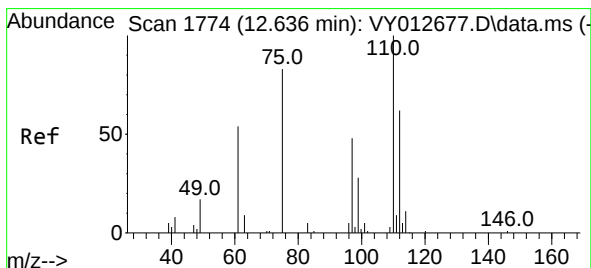
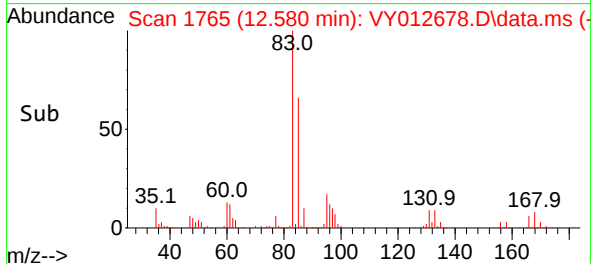
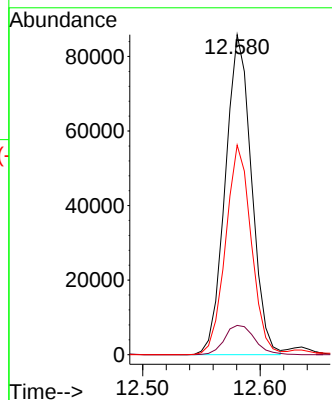
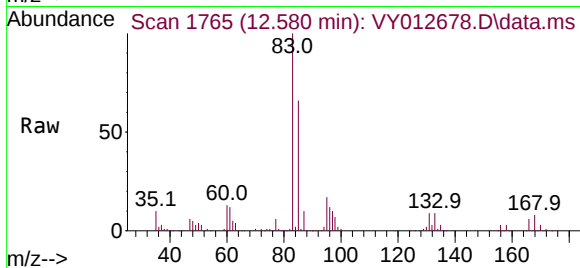
Tgt Ion: 83 Resp: 133054

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

85 64.5 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 184.906 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY012678.D

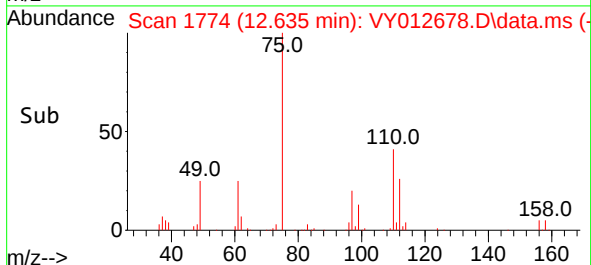
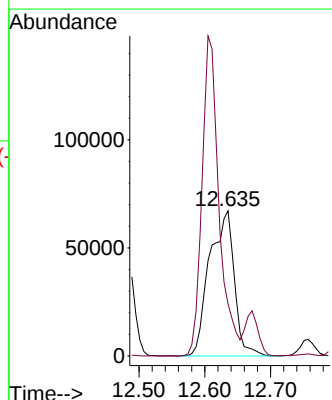
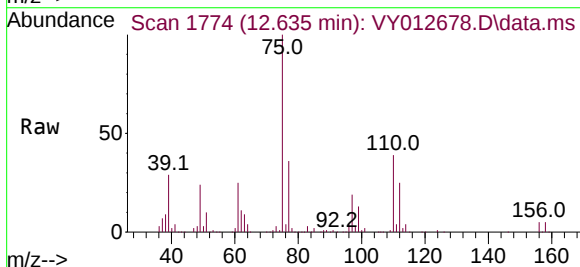
Acq: 21 Feb 2023 16:46

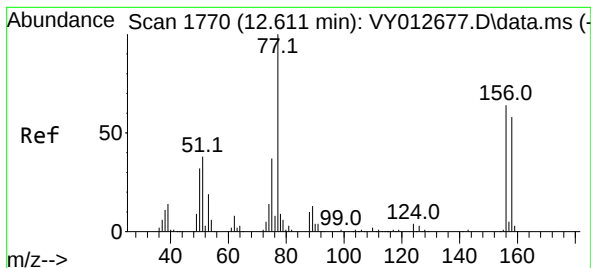
Tgt Ion: 75 Resp: 176072

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 99.126 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

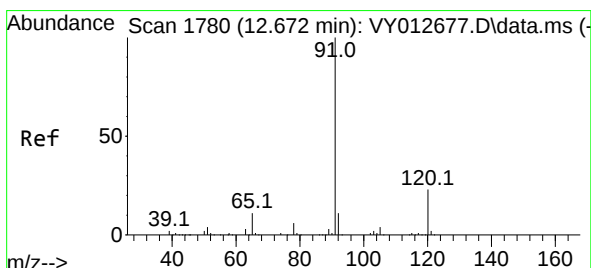
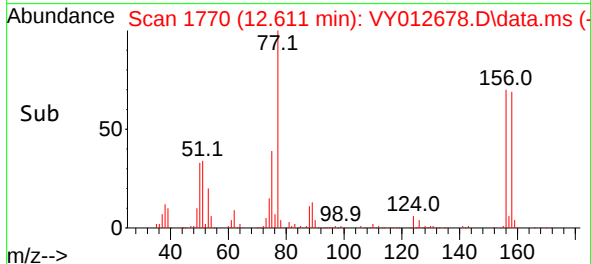
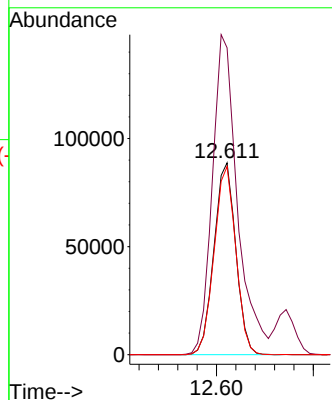
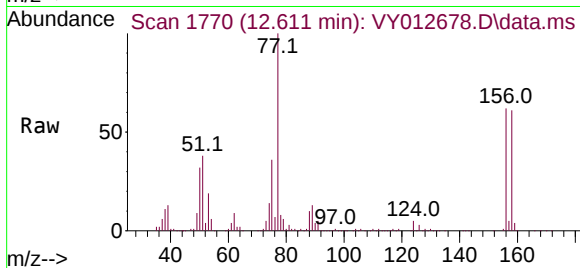
Tgt Ion:156 Resp: 138668

Ion Ratio Lower Upper

156 100

77 192.2 96.3 288.8

158 97.6 48.5 145.6



#78

n-propylbenzene

Concen: 98.407 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012678.D

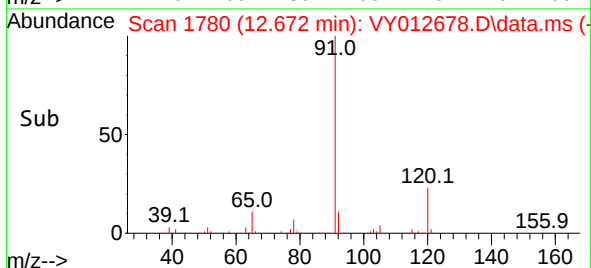
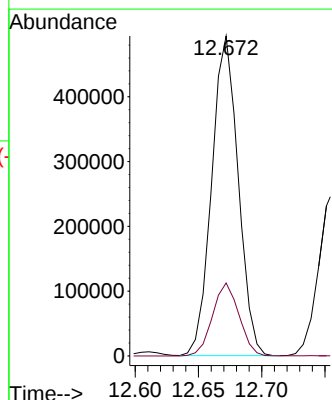
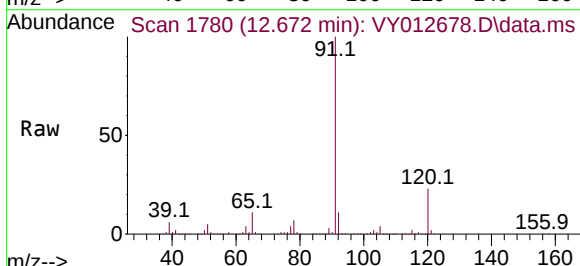
Acq: 21 Feb 2023 16:46

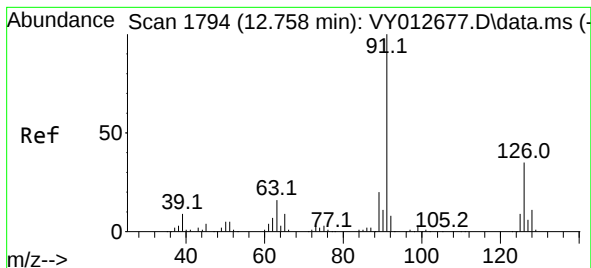
Tgt Ion: 91 Resp: 718628

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.8

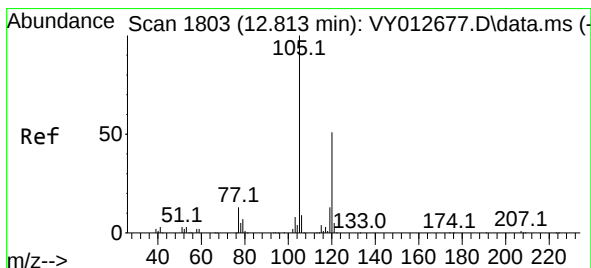
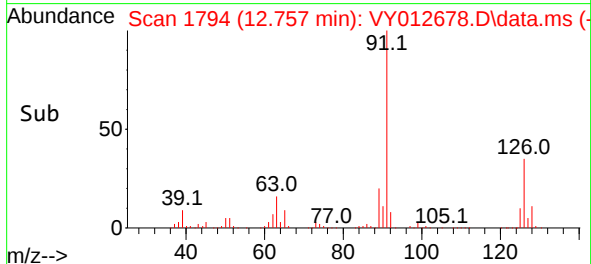
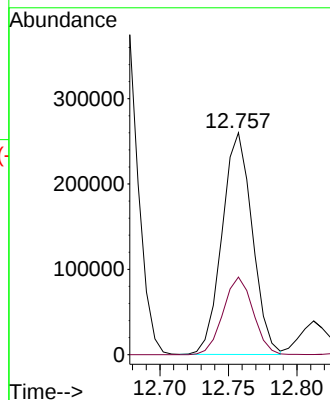
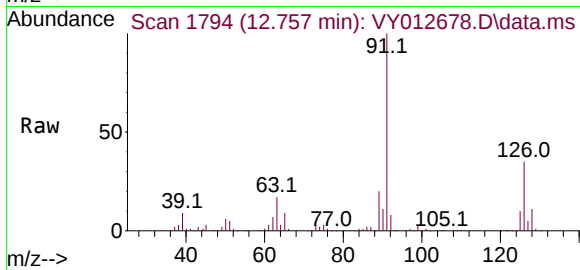




#79
2-Chlorotoluene
Concen: 98.392 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

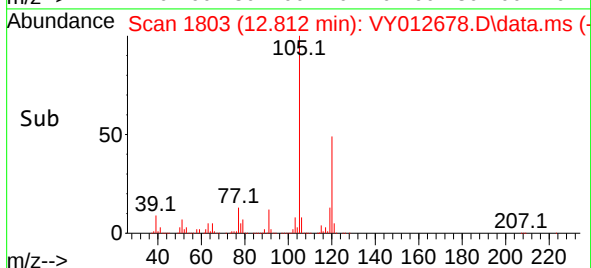
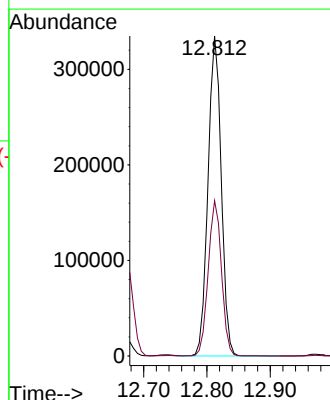
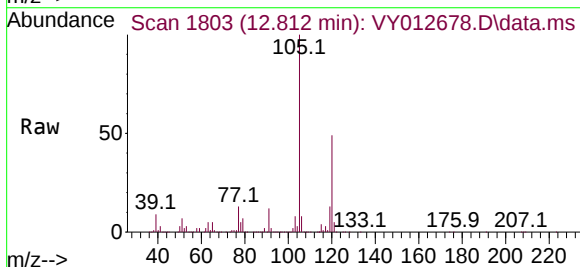
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

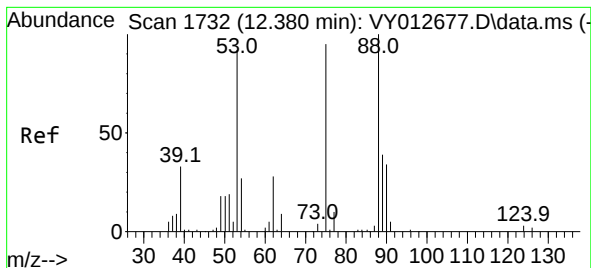
Tgt Ion: 91 Resp: 399170
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 99.978 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

Tgt Ion: 105 Resp: 487579
Ion Ratio Lower Upper
105 100
120 48.7 24.7 74.1

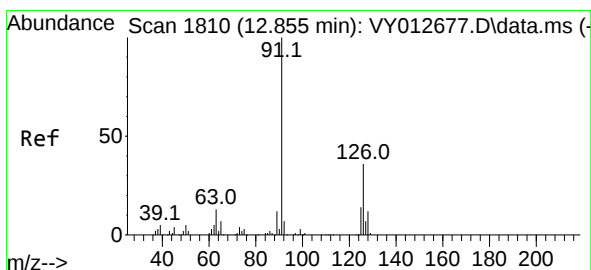
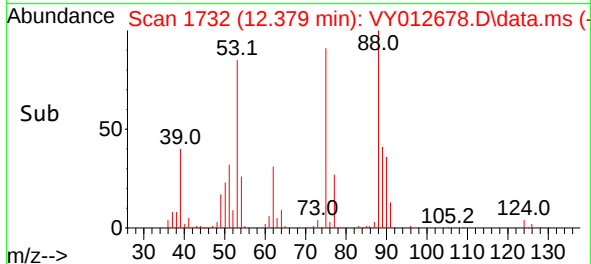
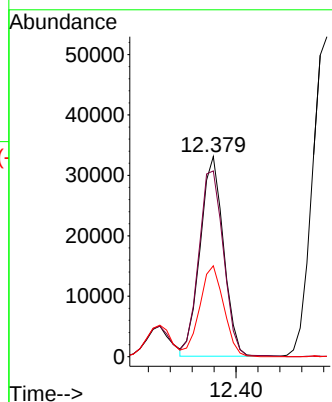
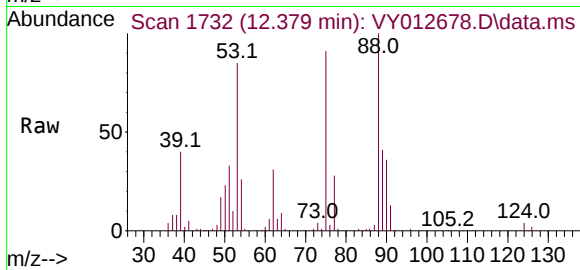




#81
trans-1,4-Dichloro-2-butene
Concen: 105.743 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

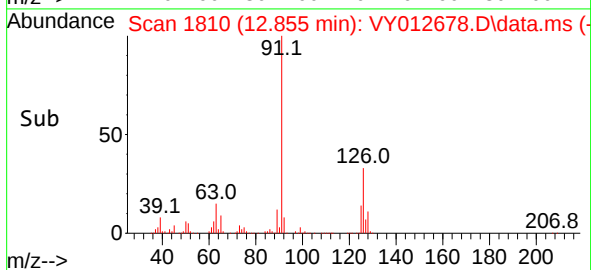
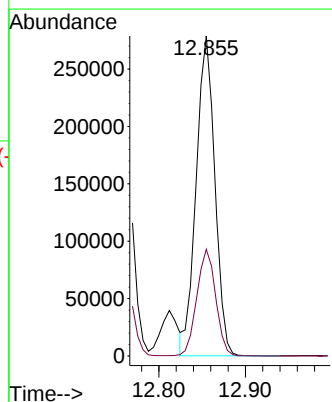
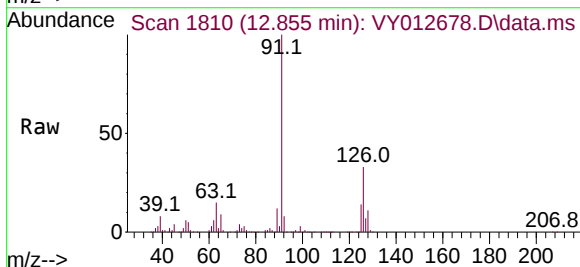
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

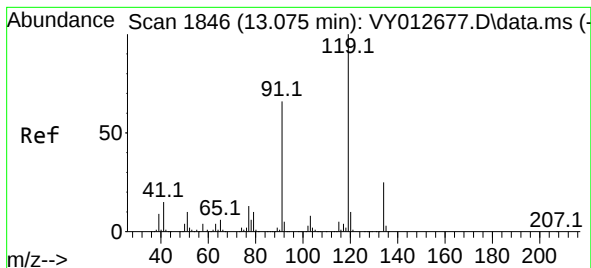
Tgt Ion: 75 Resp: 49161
Ion Ratio Lower Upper
75 100
53 98.6 80.4 120.6
89 46.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 99.152 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

Tgt Ion: 91 Resp: 417199
Ion Ratio Lower Upper
91 100
126 33.8 17.2 51.5

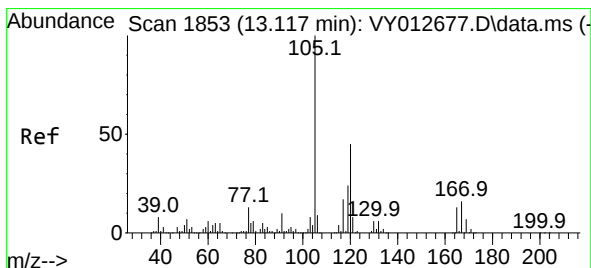
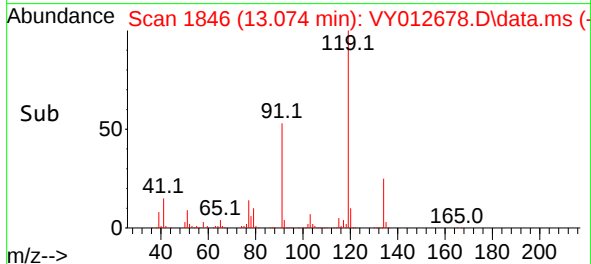
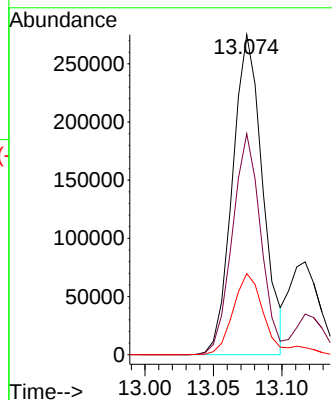
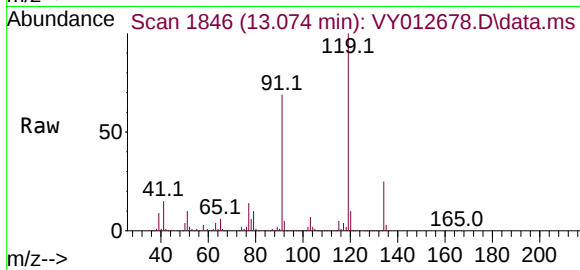




#83
tert-Butylbenzene
Concen: 101.359 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

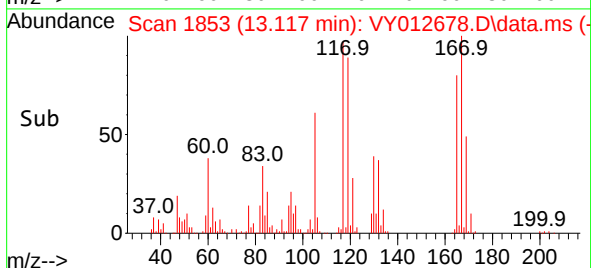
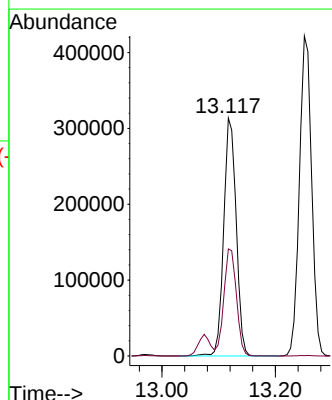
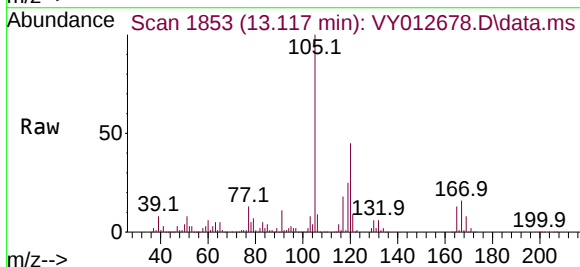
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

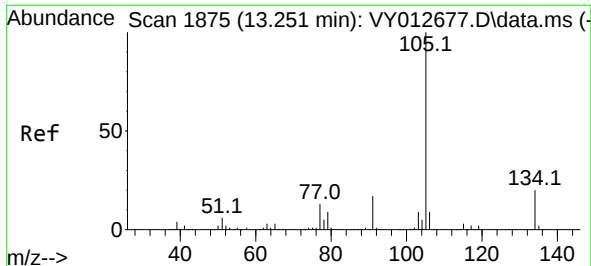
Tgt Ion:119 Resp: 422099
Ion Ratio Lower Upper
119 100
91 65.2 32.4 97.2
134 26.9 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 100.400 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

Tgt Ion:105 Resp: 478651
Ion Ratio Lower Upper
105 100
120 45.3 22.7 68.0

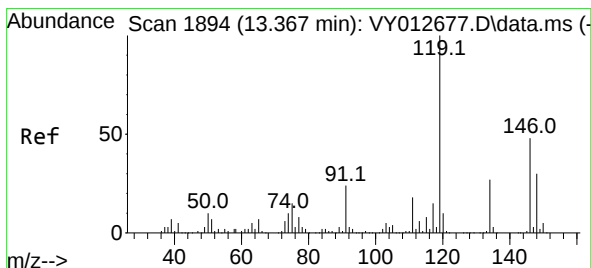
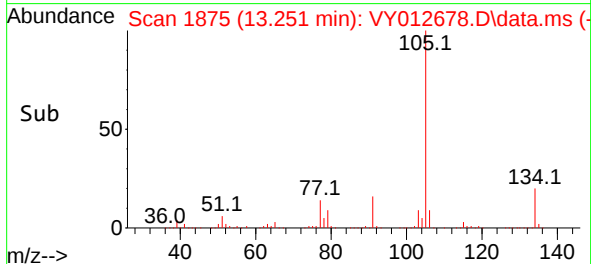
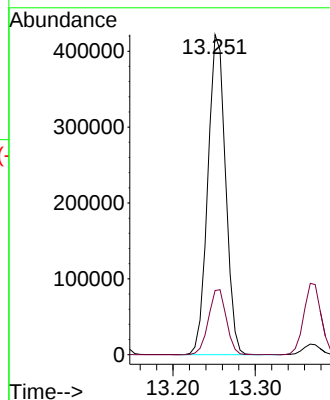
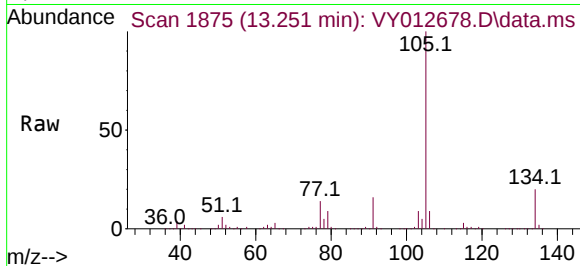




#85
 sec-Butylbenzene
 Concen: 99.360 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY012678.D
 Acq: 21 Feb 2023 16:46

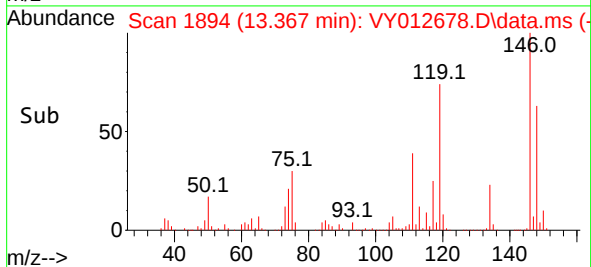
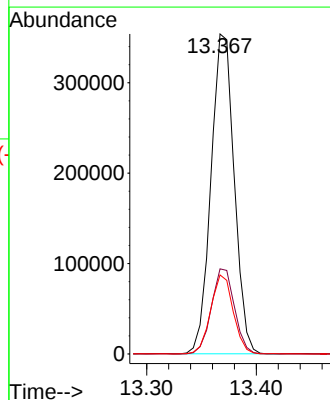
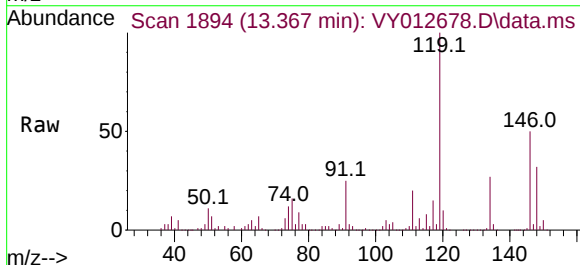
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

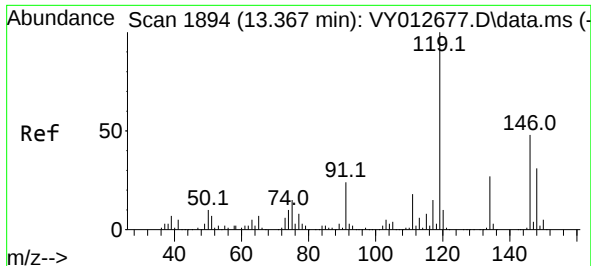
Tgt Ion:105 Resp: 629554
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 99.870 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY012678.D
 Acq: 21 Feb 2023 16:46

Tgt Ion:119 Resp: 521136
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.9
 91 23.9 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 97.168 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

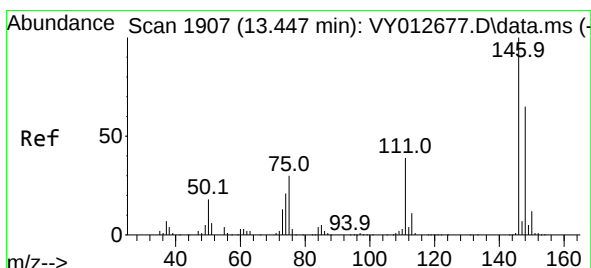
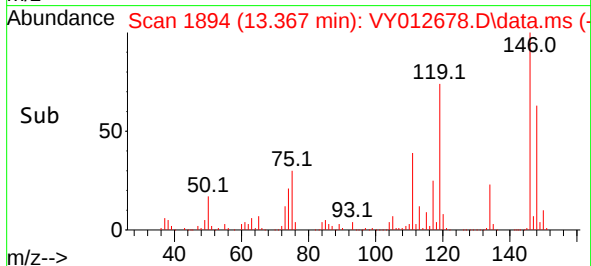
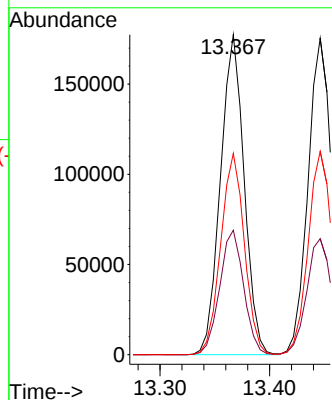
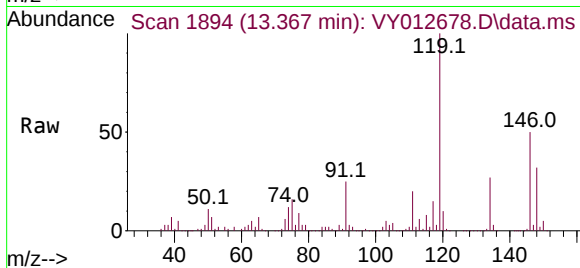
Tgt Ion:146 Resp: 266237

Ion Ratio Lower Upper

146 100

111 39.4 19.6 58.7

148 62.8 31.3 93.9



#88

1,4-Dichlorobenzene

Concen: 95.303 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

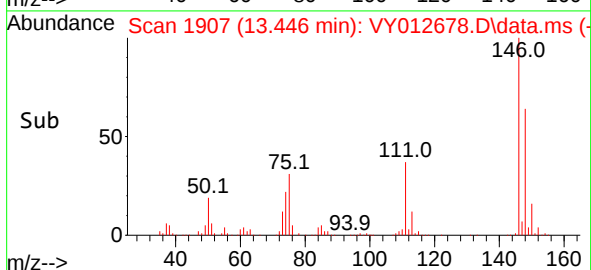
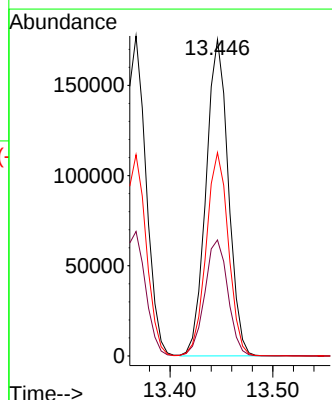
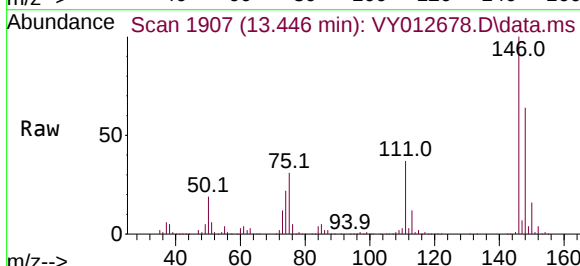
Tgt Ion:146 Resp: 264800

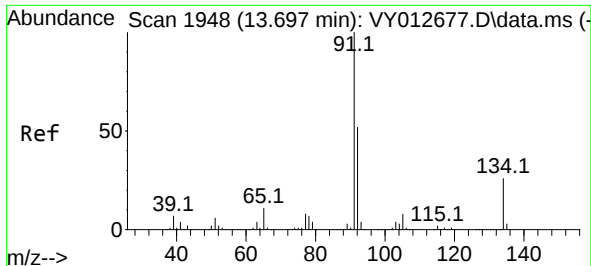
Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.3

148 64.3 32.0 96.0





#89

n-Butylbenzene

Concen: 99.759 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

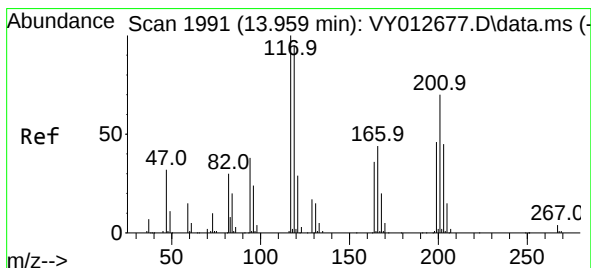
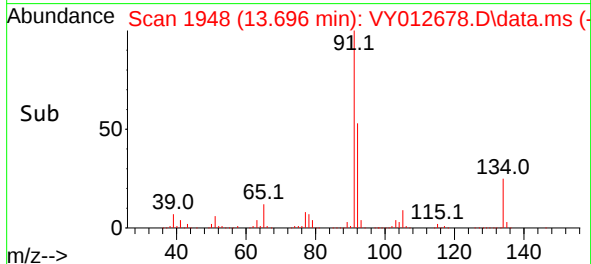
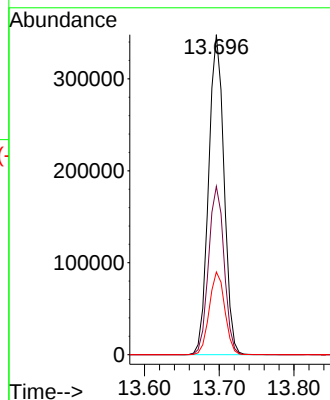
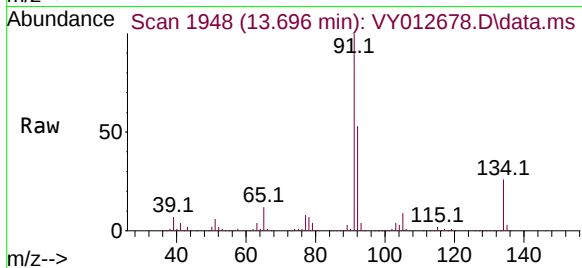
Tgt Ion: 91 Resp: 498532

Ion Ratio Lower Upper

91 100

92 53.1 26.3 78.8

134 26.0 13.0 38.9



#90

Hexachloroethane

Concen: 96.526 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012678.D

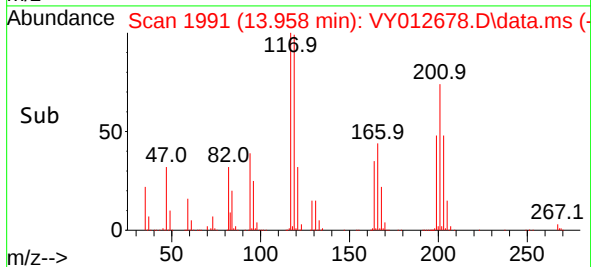
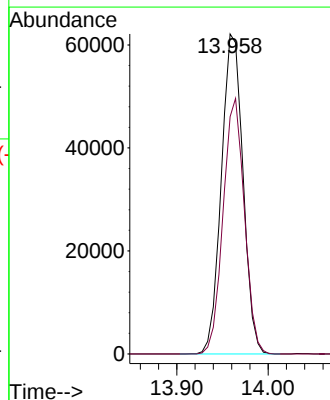
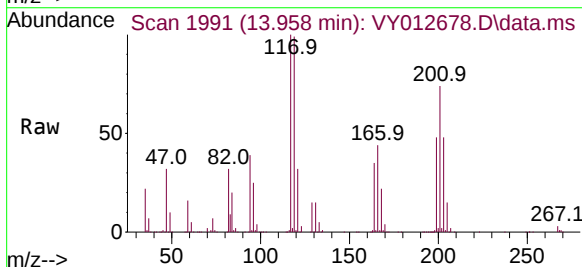
Acq: 21 Feb 2023 16:46

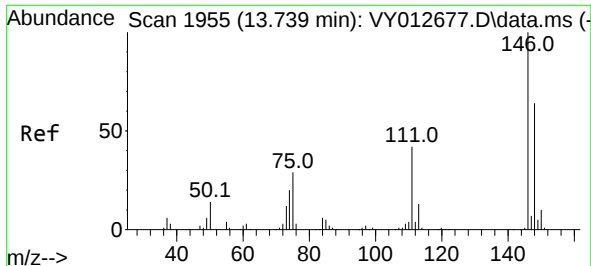
Tgt Ion: 117 Resp: 102218

Ion Ratio Lower Upper

117 100

201 78.5 38.3 114.8

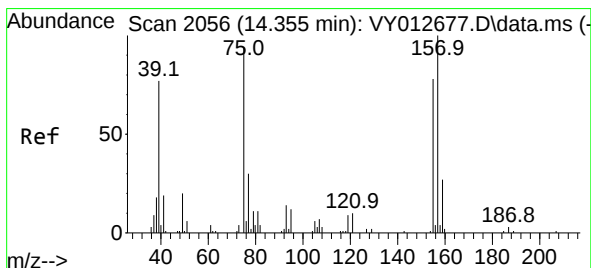
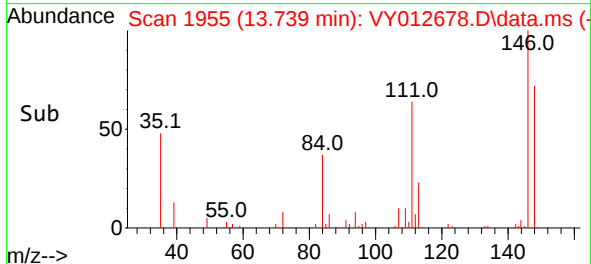
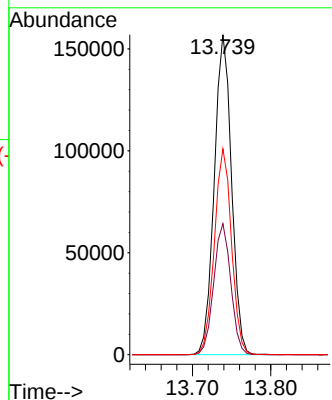
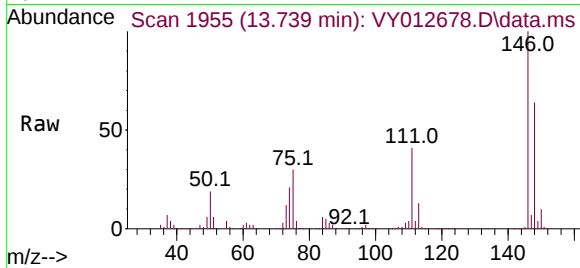




#91
 1,2-Dichlorobenzene
 Concen: 98.179 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY012678.D
 Acq: 21 Feb 2023 16:46

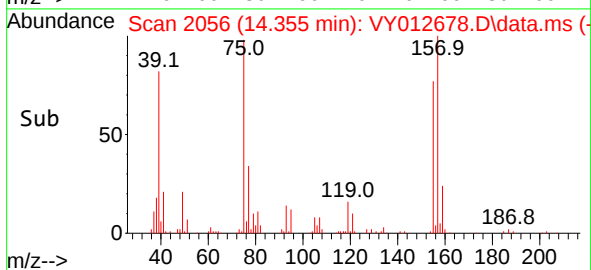
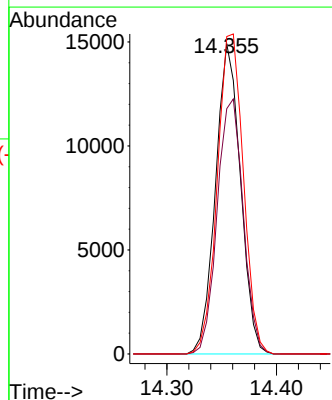
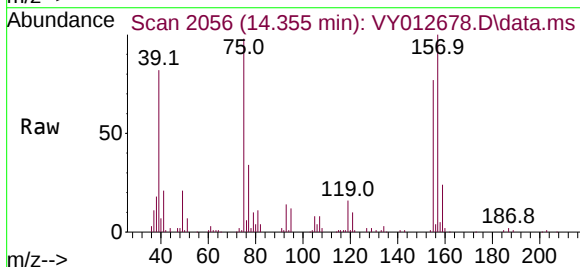
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

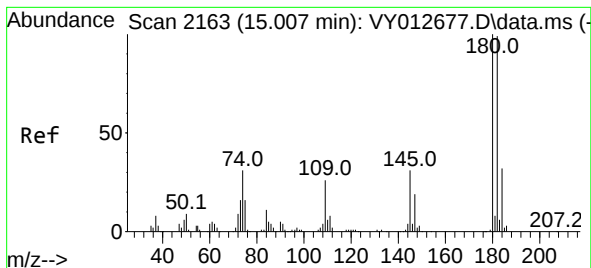
Tgt Ion:146 Resp: 240249
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 60.8
 148 64.0 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 109.339 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY012678.D
 Acq: 21 Feb 2023 16:46

Tgt Ion: 75 Resp: 23593
 Ion Ratio Lower Upper
 75 100
 155 85.4 43.6 130.8
 157 107.4 55.0 165.2





#93

1,2,4-Trichlorobenzene

Concen: 101.027 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

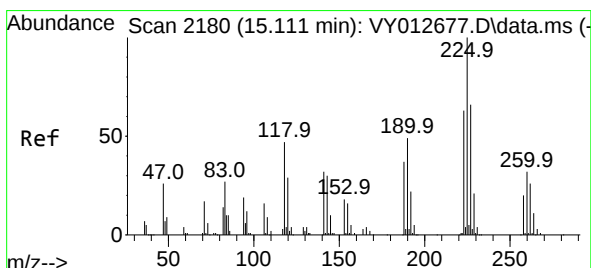
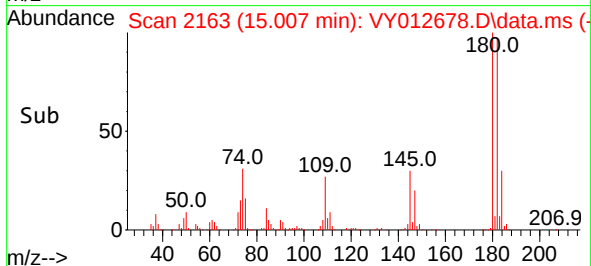
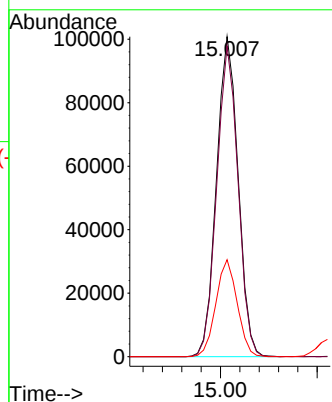
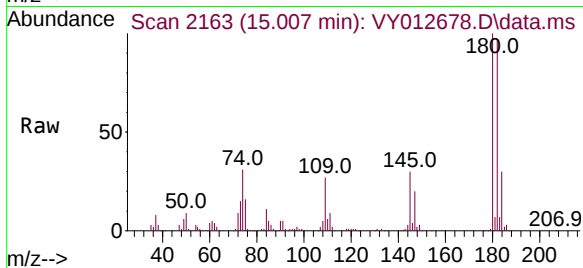
Tgt Ion:180 Resp: 156352

Ion Ratio Lower Upper

180 100

182 95.3 48.0 144.2

145 29.9 15.0 45.0



#94

Hexachlorobutadiene

Concen: 95.364 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012678.D

Acq: 21 Feb 2023 16:46

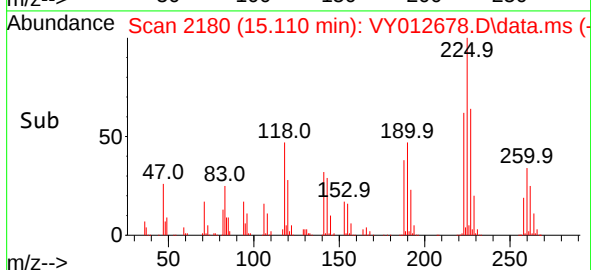
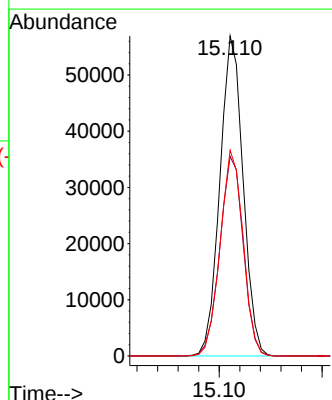
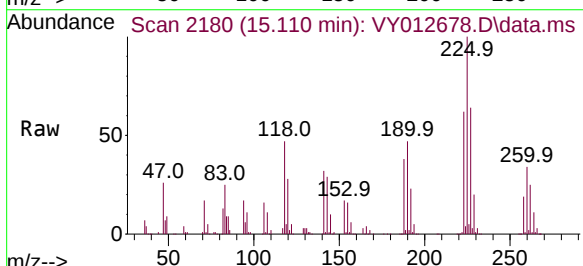
Tgt Ion:225 Resp: 89072

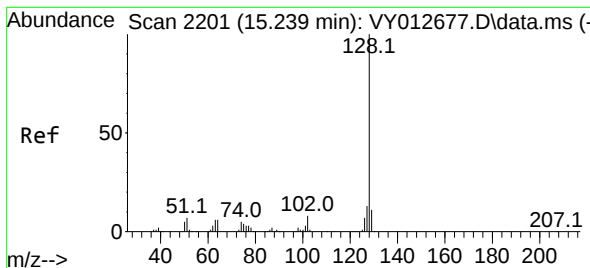
Ion Ratio Lower Upper

225 100

223 62.8 31.7 95.1

227 63.7 32.3 96.8

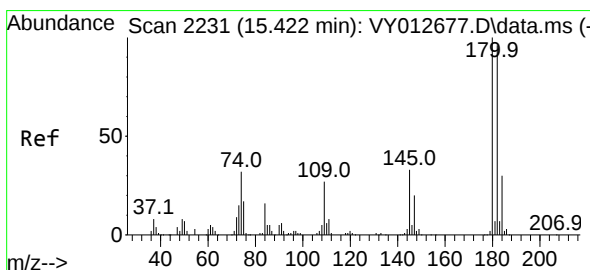
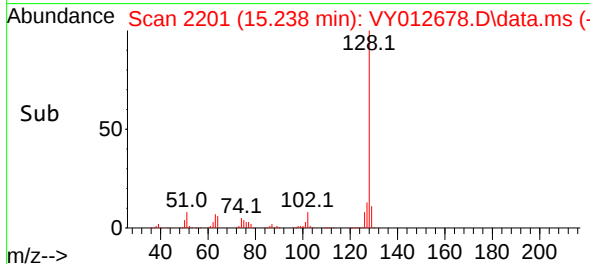
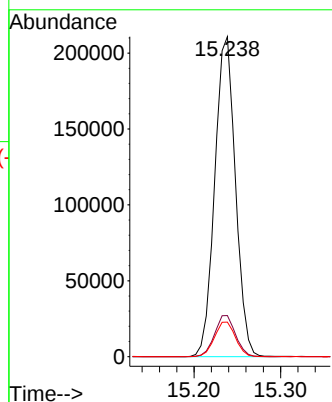
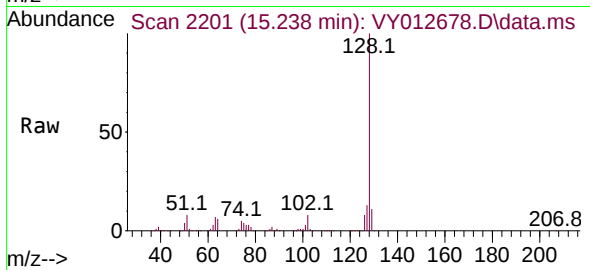




#95
Naphthalene
Concen: 111.856 ug/l
RT: 15.238 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 349791
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 102.022 ug/l
RT: 15.427 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY012678.D
Acq: 21 Feb 2023 16:46

Tgt Ion:180 Resp: 139756
Ion Ratio Lower Upper
180 100
182 94.7 48.5 145.6
145 31.2 16.1 48.2

