

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012513.D
 Acq On : 07 Feb 2023 11:46
 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 07 21:49:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 21:44:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	147712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	221041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	202434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107504	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	189474	100.873	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 201.740%#	
35) Dibromofluoromethane	7.716	113	163894	101.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 203.620%#	
50) Toluene-d8	10.179	98	675762	100.856	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 201.720%#	
62) 4-Bromofluorobenzene	12.483	95	230282	98.534	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 197.060%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	98791	98.054	ug/l	100
3) Chloromethane	2.113	50	102597	89.146	ug/l	99
4) Vinyl Chloride	2.253	62	129867	90.572	ug/l	100
5) Bromomethane	2.644	94	101586	99.935	ug/l	98
6) Chloroethane	2.790	64	92072	92.254	ug/l	99
7) Trichlorofluoromethane	3.125	101	273034	92.643	ug/l	99
8) Diethyl Ether	3.527	74	86318	98.773	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	140149	94.170	ug/l	100
10) Methyl Iodide	4.094	142	202057	104.728	ug/l	100
11) Tert butyl alcohol	4.954	59	84865	476.140	ug/l	99
12) 1,1-Dichloroethene	3.875	96	139392	94.792	ug/l	94
13) Acrolein	3.729	56	112118	507.742	ug/l	98
14) Allyl chloride	4.479	41	177740	99.133	ug/l	99
15) Acrylonitrile	5.161	53	207062	513.574	ug/l	100
16) Acetone	3.942	43	249025	550.834	ug/l	98
17) Carbon Disulfide	4.198	76	341912	89.643	ug/l	99
18) Methyl Acetate	4.479	43	106772	98.260	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	442010	102.722	ug/l	100
20) Methylene Chloride	4.716	84	159602	98.599	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	153198	95.526	ug/l	99
22) Diisopropyl ether	6.119	45	357022	97.930	ug/l	96
23) Vinyl Acetate	6.058	43	1143951	520.503	ug/l	100
24) 1,1-Dichloroethane	6.021	63	251475	96.491	ug/l	99
25) 2-Butanone	6.984	43	265071	528.457	ug/l	99
26) 2,2-Dichloropropane	6.978	77	274421	95.836	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	181370	97.453	ug/l	100
28) Bromochloromethane	7.338	49	101150	106.770	ug/l	96
29) Tetrahydrofuran	7.344	42	140585	518.437	ug/l	99
30) Chloroform	7.508	83	300221	95.545	ug/l	96
31) Cyclohexane	7.783	56	192511	88.645	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	294276	96.511	ug/l	99
36) 1,1-Dichloropropene	7.917	75	204066	93.666	ug/l	100
37) Ethyl Acetate	7.070	43	97228	98.902	ug/l	99
38) Carbon Tetrachloride	7.899	117	273576	93.546	ug/l	97
39) Methylcyclohexane	9.185	83	247045	94.235	ug/l	98
40) Benzene	8.161	78	614320	95.468	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	139925	259.852	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	202133	96.916	ug/l	100
43) Isopropyl Acetate	8.271	43	189332	103.874	ug/l	98
44) Trichloroethene	8.941	130	185470	94.684	ug/l	99
45) 1,2-Dichloropropane	9.216	63	133867	95.941	ug/l	98
46) Dibromomethane	9.307	93	90045	97.463	ug/l	98
47) Bromodichloromethane	9.496	83	234011	97.688	ug/l	100
48) Methyl methacrylate	9.295	41	85664	102.820	ug/l	97
49) 1,4-Dioxane	9.301	88	26292	2061.498	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	523632	532.470	ug/l	99
52) Toluene	10.246	92	416213	95.381	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	241973	100.243	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	254864	97.567	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	131611	97.492	ug/l	99
56) Ethyl methacrylate	10.508	69	179841	106.034	ug/l	99
57) 1,3-Dichloropropane	10.788	76	213389	97.942	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	409819	537.580	ug/l	99
59) 2-Hexanone	10.831	43	403238	542.591	ug/l	100
60) Dibromochloromethane	10.983	129	176986	98.352	ug/l	99
61) 1,2-Dibromoethane	11.087	107	125611	99.306	ug/l	100
64) Tetrachloroethene	10.721	164	203541	96.309	ug/l	97
65) Chlorobenzene	11.514	112	464041	96.648	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	183744	97.657	ug/l	99
67) Ethyl Benzene	11.593	91	827845	98.211	ug/l	99
68) m/p-Xylenes	11.703	106	656555	195.135	ug/l	100
69) o-Xylene	12.026	106	314846	98.259	ug/l	97
70) Styrene	12.044	104	539202	99.223	ug/l	100
71) Bromoform	12.209	173	119419	100.413	ug/l #	99
73) Isopropylbenzene	12.331	105	853658	98.147	ug/l	99
74) N-amyl acetate	12.142	43	169732	107.803	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	138001	98.125	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	204865	170.148	ug/l #	100
77) Bromobenzene	12.611	156	203277	96.426	ug/l	99
78) n-propylbenzene	12.672	91	983594	98.251	ug/l	99
79) 2-Chlorotoluene	12.758	91	557812	98.153	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	732114	97.780	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	54653	102.613	ug/l	99
82) 4-Chlorotoluene	12.855	91	582846	97.767	ug/l	99
83) tert-Butylbenzene	13.075	119	638888	97.305	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	723032	98.141	ug/l	99
85) sec-Butylbenzene	13.251	105	916420	97.563	ug/l	100
86) p-Isopropyltoluene	13.367	119	806533	98.976	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	403732	96.252	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	400834	95.401	ug/l	99
89) n-Butylbenzene	13.696	91	691422	99.280	ug/l	100
90) Hexachloroethane	13.959	117	141734	94.761	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	359683	95.322	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	28926	103.355	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	238515	102.015	ug/l	100
94) Hexachlorobutadiene	15.111	225	137018	94.336	ug/l	99
95) Naphthalene	15.233	128	491832	109.582	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	207067	102.316	ug/l	100

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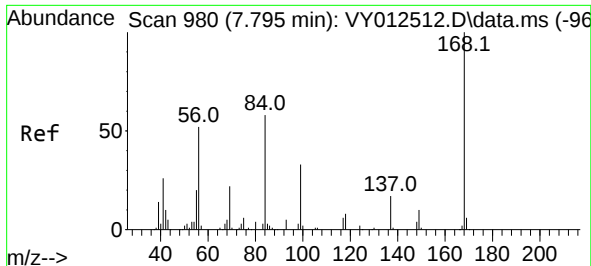
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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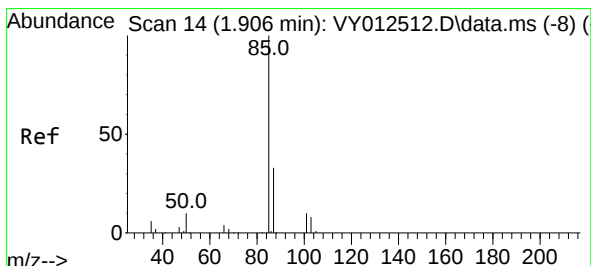
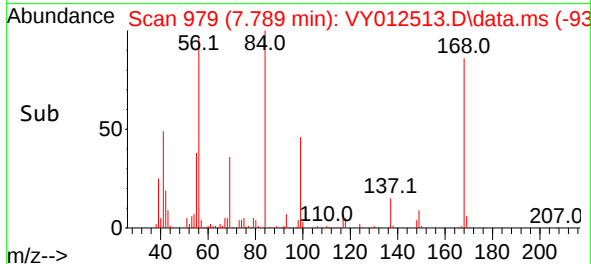
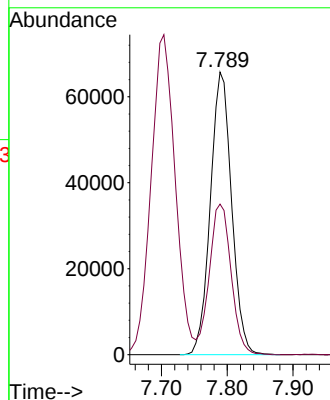
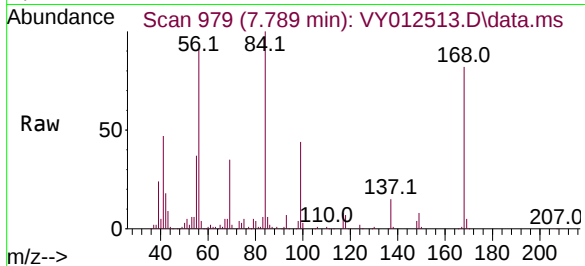




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012513.D
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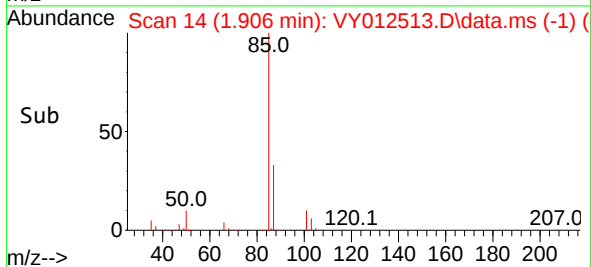
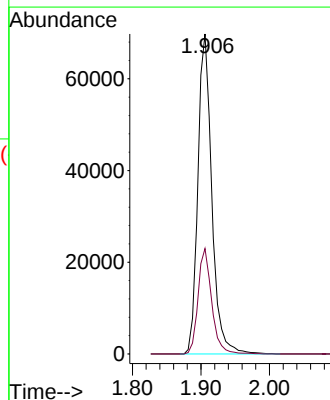
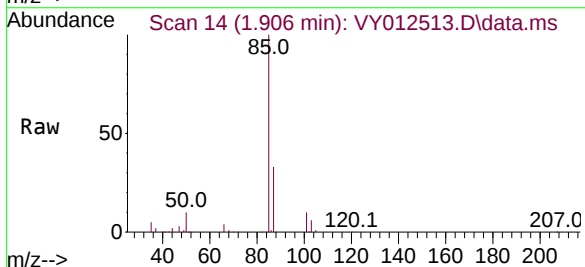
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

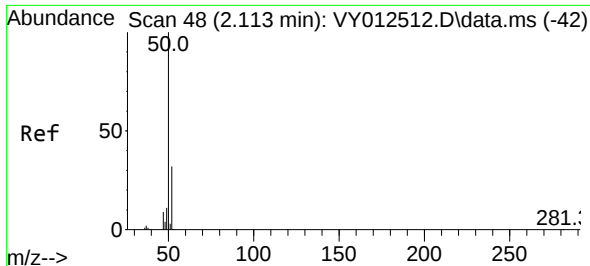
Tgt Ion:168 Resp: 147712
Ion Ratio Lower Upper
168 100
99 53.3 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 98.054 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

Tgt Ion: 85 Resp: 98791
Ion Ratio Lower Upper
85 100
87 32.9 16.6 49.8

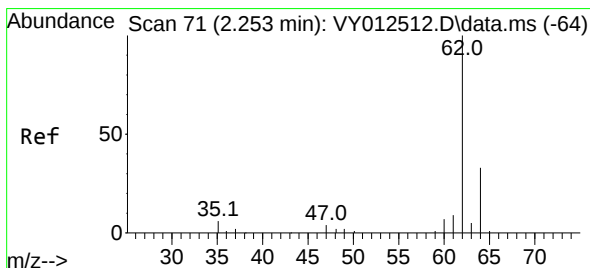
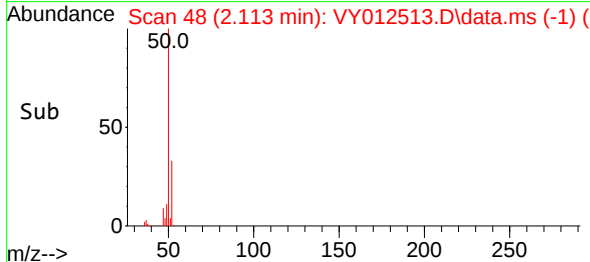
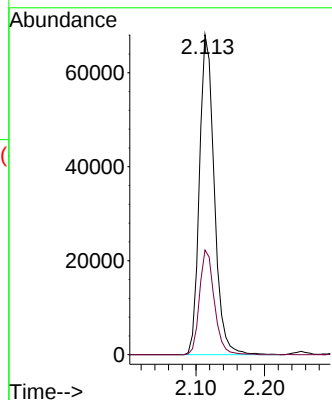
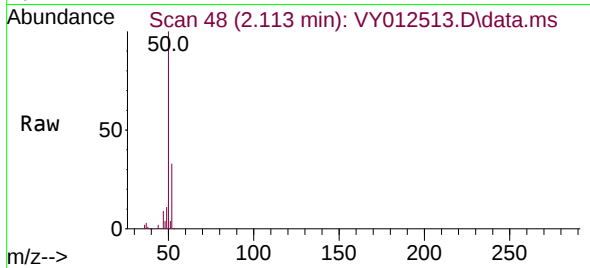




#3
Chloromethane
Concen: 89.146 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

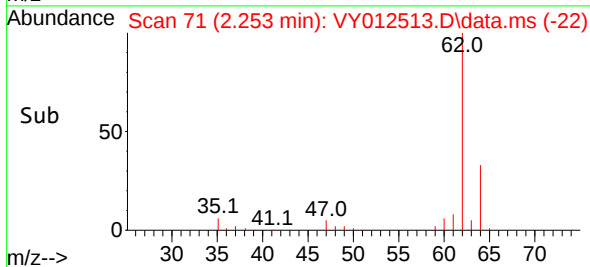
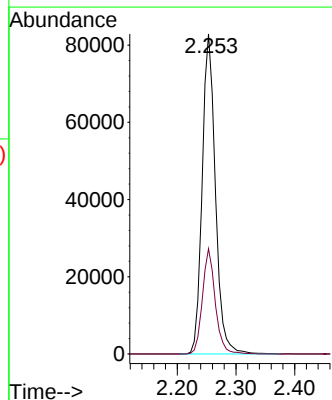
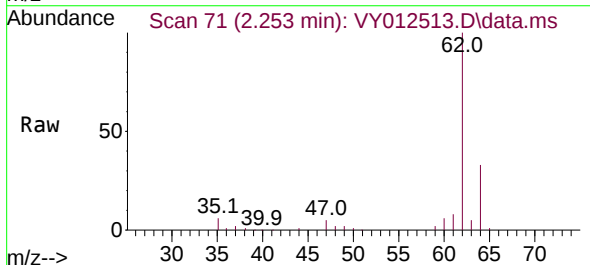
Instrument :
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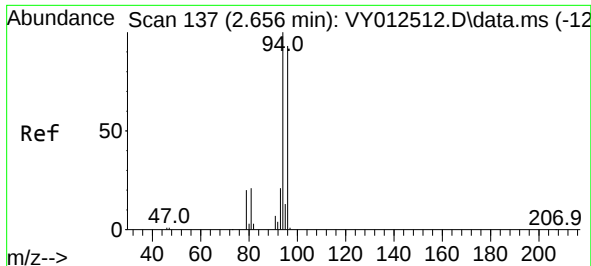
Tgt Ion: 50 Resp: 102597
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.6



#4
Vinyl Chloride
Concen: 90.572 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

Tgt Ion: 62 Resp: 129867
Ion Ratio Lower Upper
62 100
64 32.9 26.1 39.1

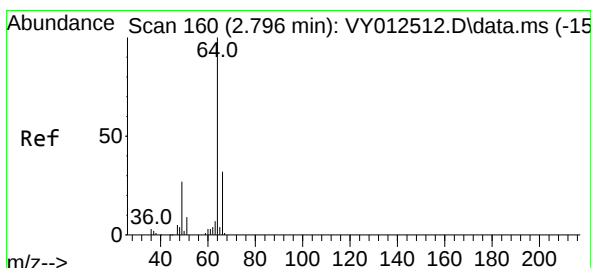
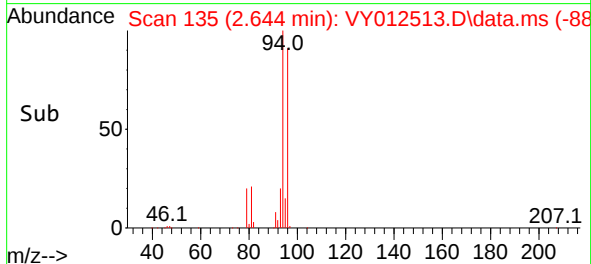
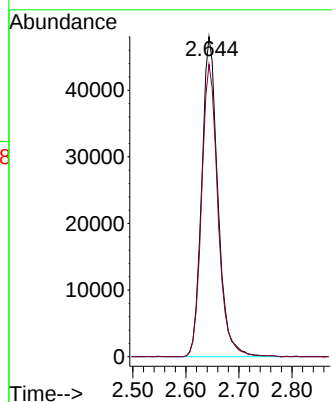
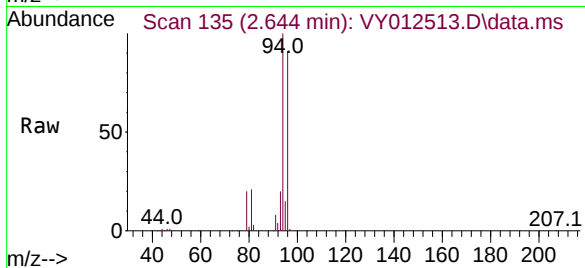




#5
Bromomethane
Concen: 99.935 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

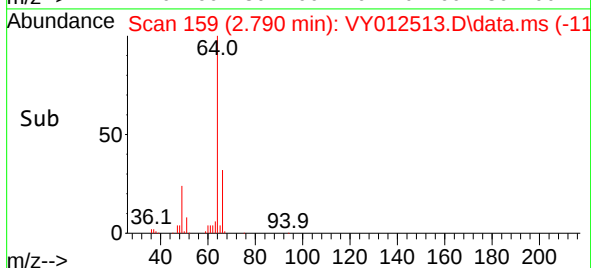
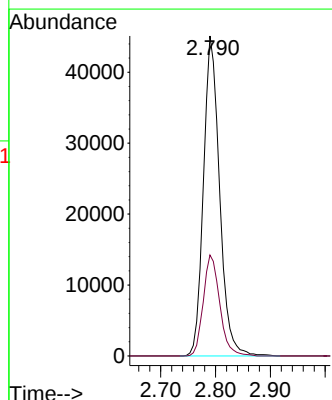
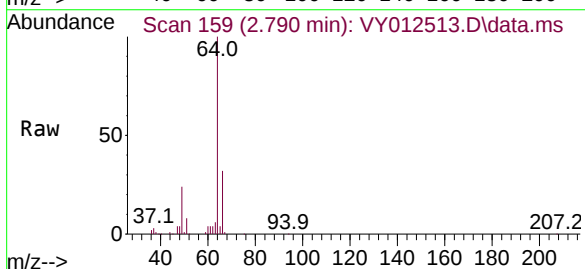
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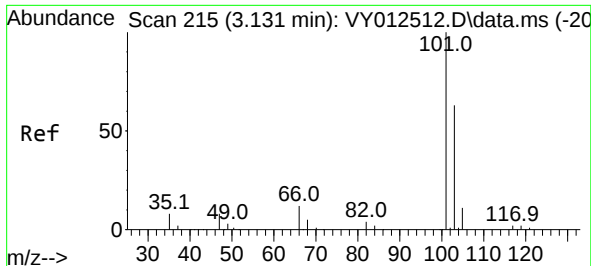
Tgt Ion: 94 Resp: 101586
Ion Ratio Lower Upper
94 100
96 91.4 74.7 112.1



#6
Chloroethane
Concen: 92.254 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012513.D
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Tgt Ion: 64 Resp: 92072
Ion Ratio Lower Upper
64 100
66 31.6 25.7 38.5

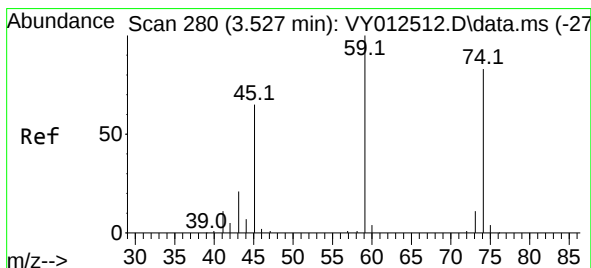
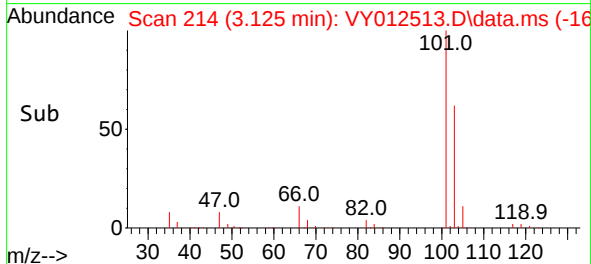
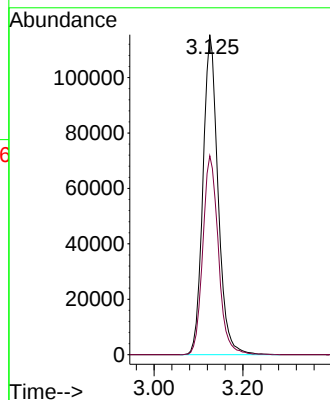
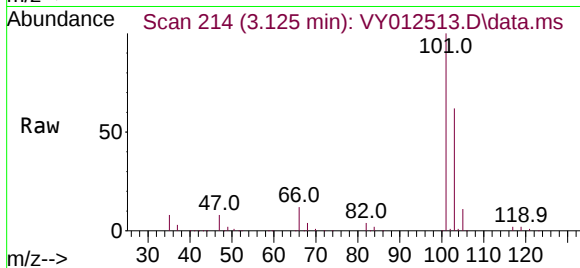




#7
 Trichlorofluoromethane
 Concen: 92.643 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY012513.D
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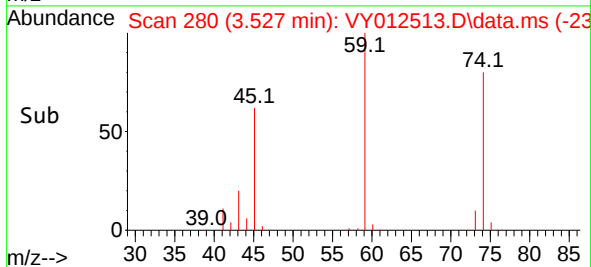
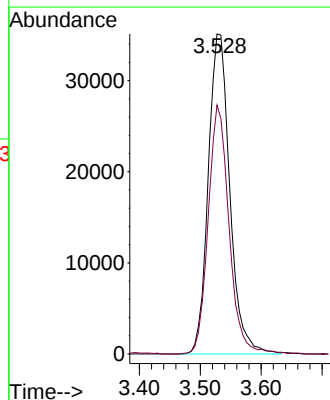
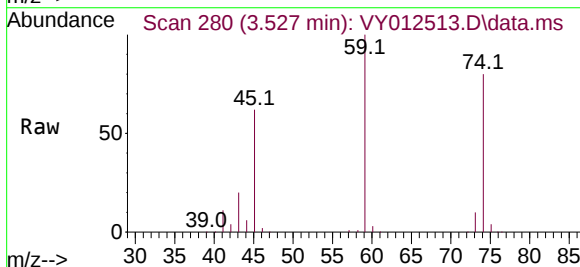
Instrument :
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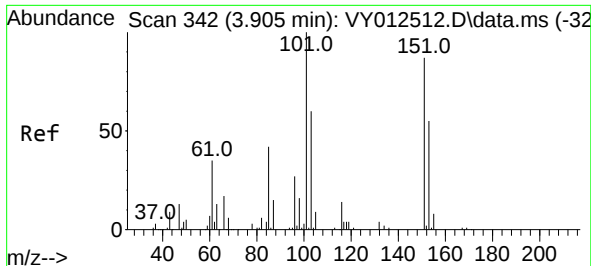
Tgt Ion:101 Resp: 273034
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.1 75.1



#8
 Diethyl Ether
 Concen: 98.773 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY012513.D
 Acq: 07 Feb 2023 11:46

Tgt Ion: 74 Resp: 86318
 Ion Ratio Lower Upper
 74 100
 45 75.2 37.8 113.4

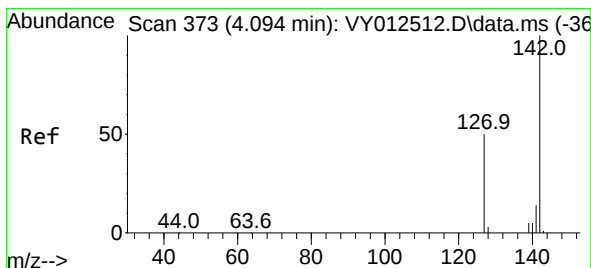
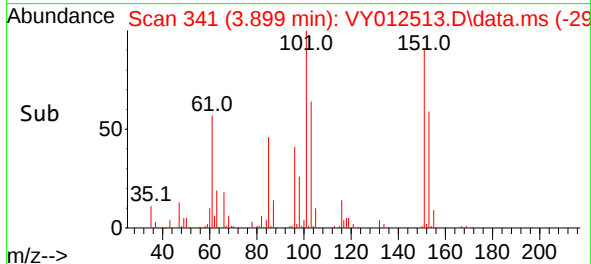
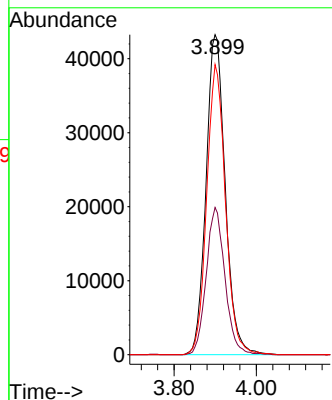
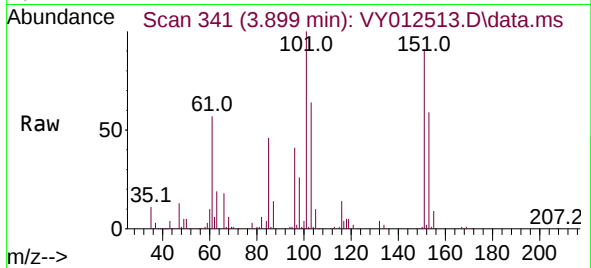




#9
1,1,2-Trichlorotrifluoroethane
Concen: 94.170 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

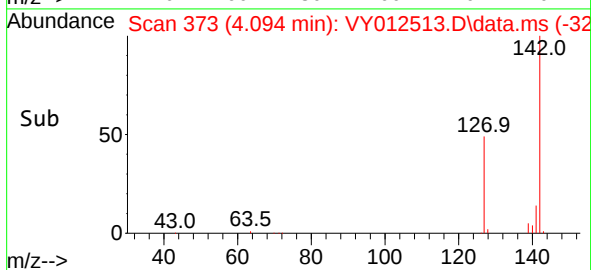
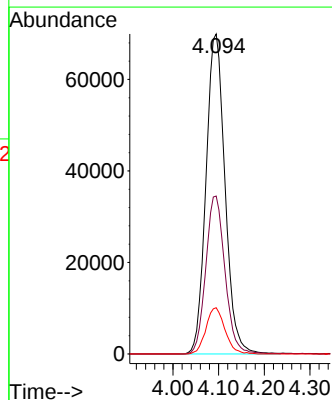
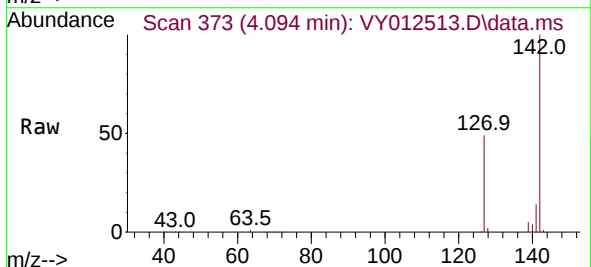
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

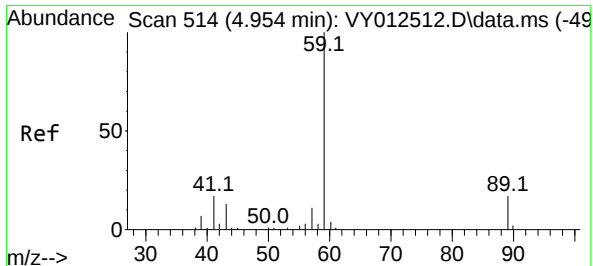
Tgt Ion:101 Resp: 140149
Ion Ratio Lower Upper
101 100
85 45.0 36.1 54.1
151 88.7 70.7 106.1



#10
Methyl Iodide
Concen: 104.728 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

Tgt Ion:142 Resp: 202057
Ion Ratio Lower Upper
142 100
127 49.9 39.8 59.6
141 14.5 11.6 17.4

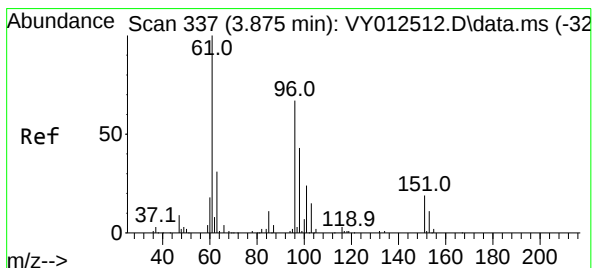
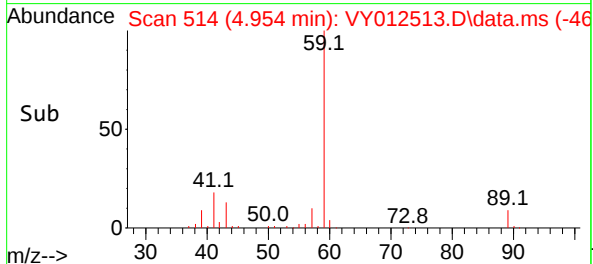
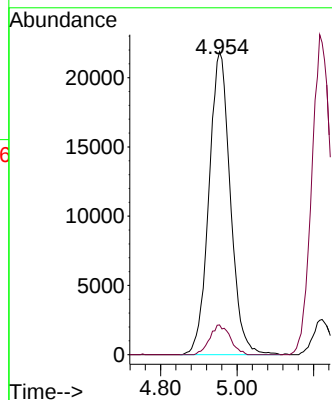
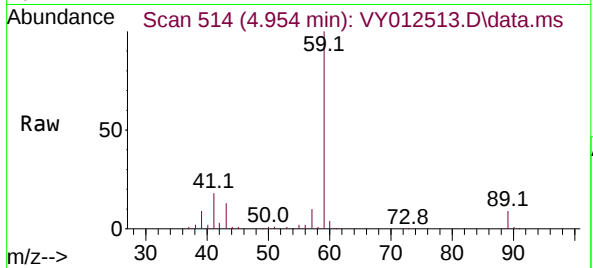




#11
Tert butyl alcohol
Concen: 476.140 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

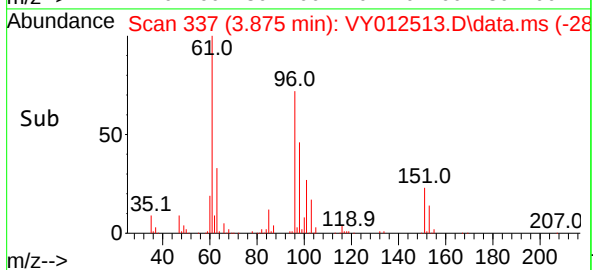
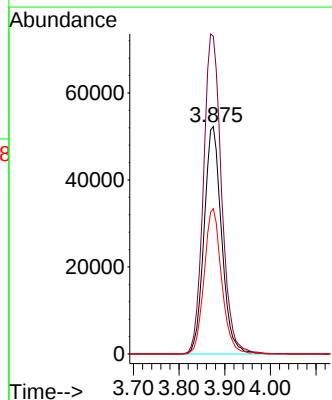
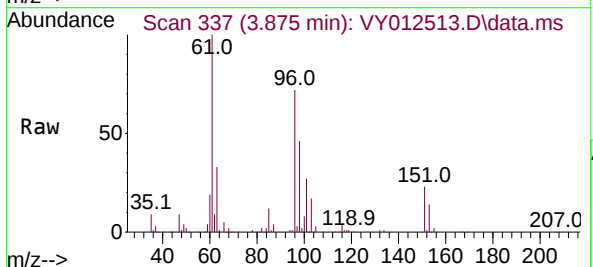
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

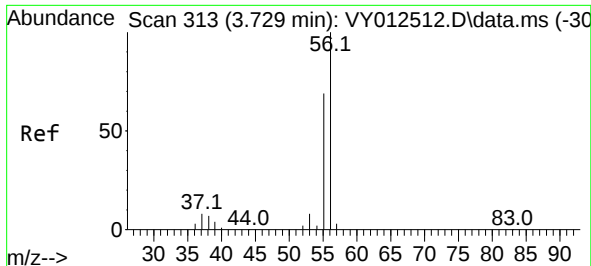
Tgt Ion: 59 Resp: 84865
Ion Ratio Lower Upper
59 100
57 9.4 7.2 10.8



#12
1,1-Dichloroethene
Concen: 94.792 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

Tgt Ion: 96 Resp: 139392
Ion Ratio Lower Upper
96 100
61 139.8 119.4 179.2
98 63.9 51.9 77.9

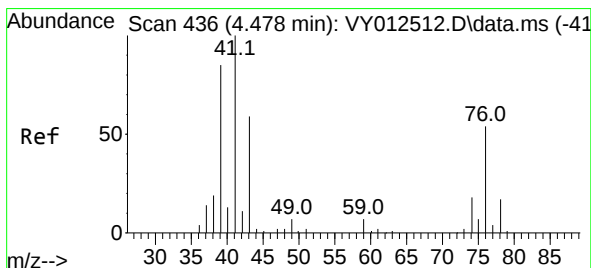
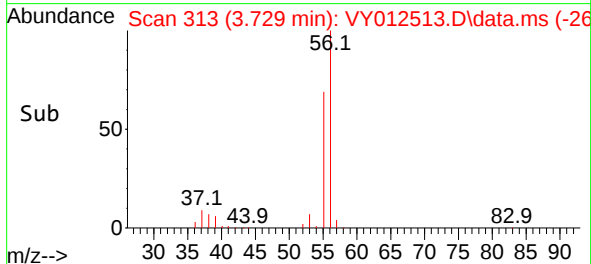
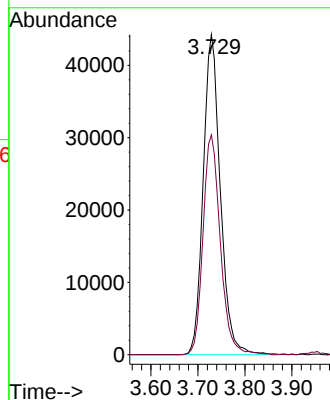
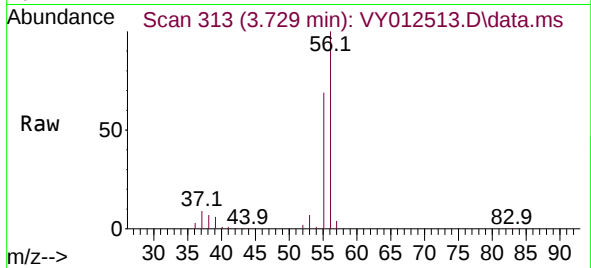




#13
Acrolein
Concen: 507.742 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

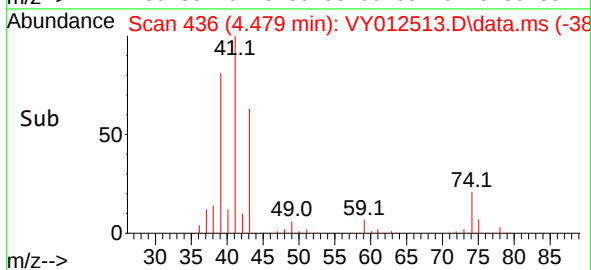
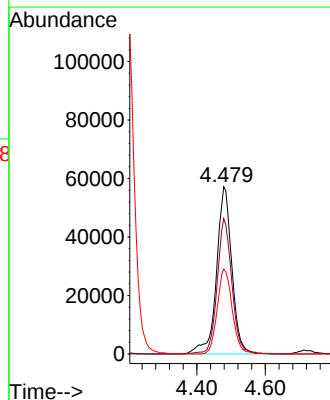
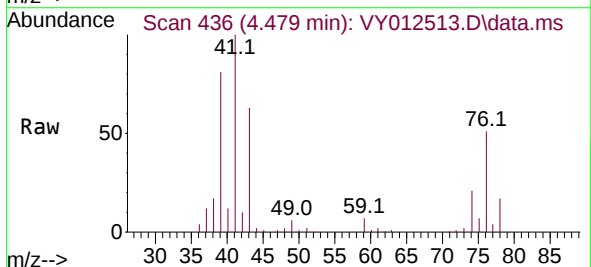
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

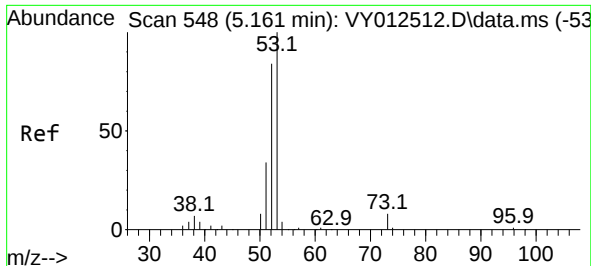
Tgt Ion: 56 Resp: 112118
Ion Ratio Lower Upper
56 100
55 69.4 57.0 85.4



#14
Allyl chloride
Concen: 99.133 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

Tgt Ion: 41 Resp: 177740
Ion Ratio Lower Upper
41 100
39 77.1 62.6 94.0
76 49.2 39.6 59.4

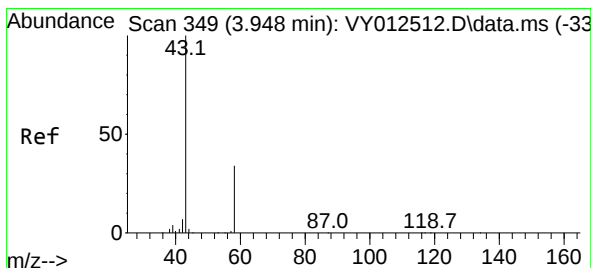
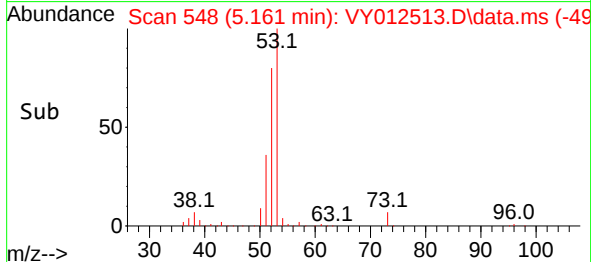
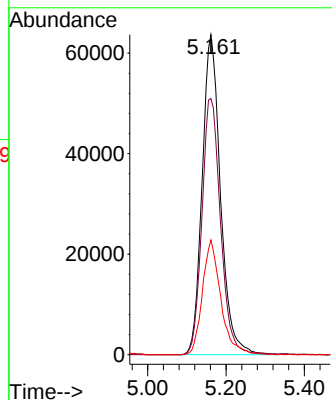
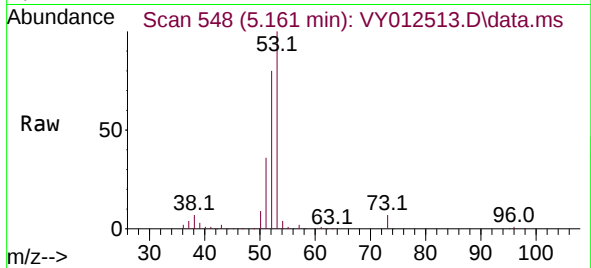




#15
Acrylonitrile
Concen: 513.574 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

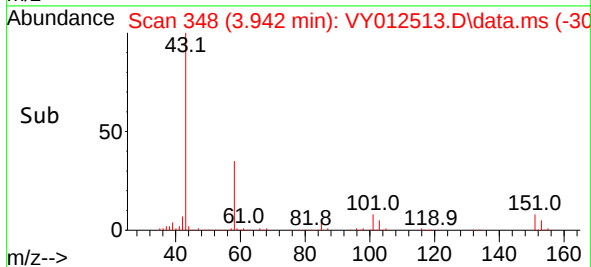
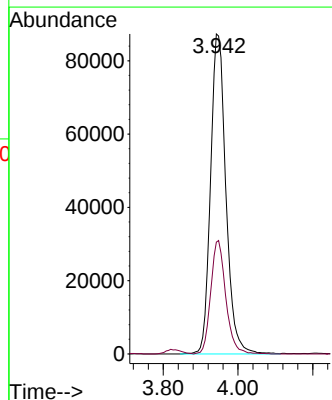
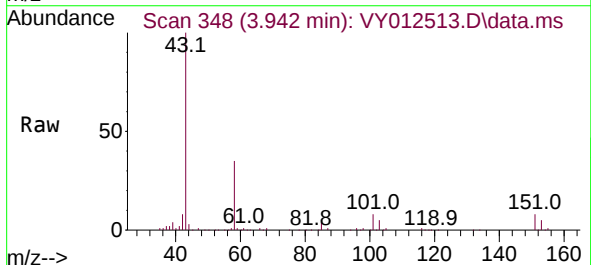
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

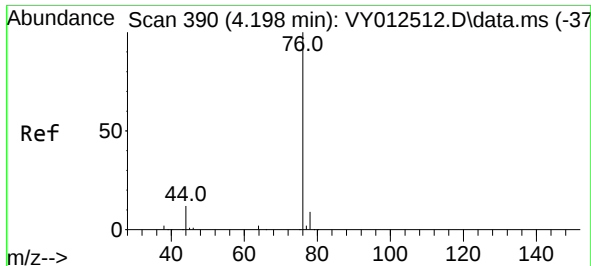
Tgt Ion: 53 Resp: 207062
Ion Ratio Lower Upper
53 100
52 81.2 65.0 97.4
51 35.9 28.7 43.1



#16
Acetone
Concen: 550.834 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

Tgt Ion: 43 Resp: 249025
Ion Ratio Lower Upper
43 100
58 34.9 27.1 40.7

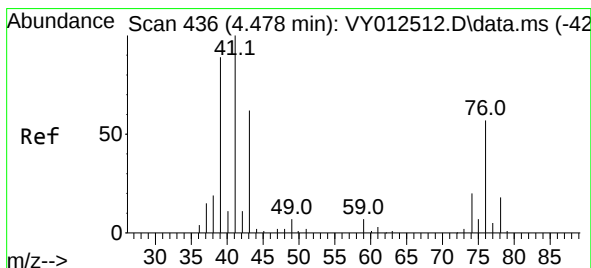
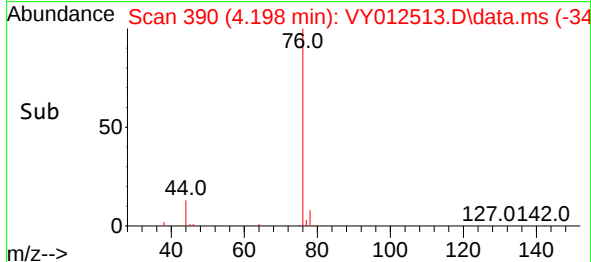
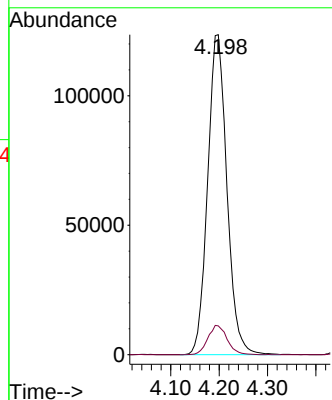
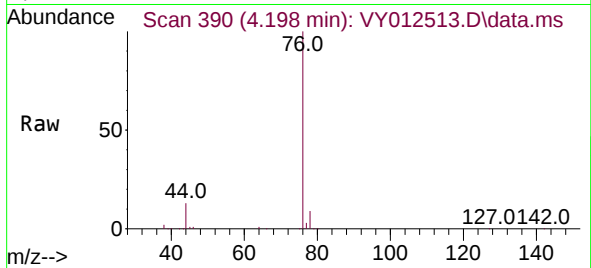




#17
Carbon Disulfide
Concen: 89.643 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

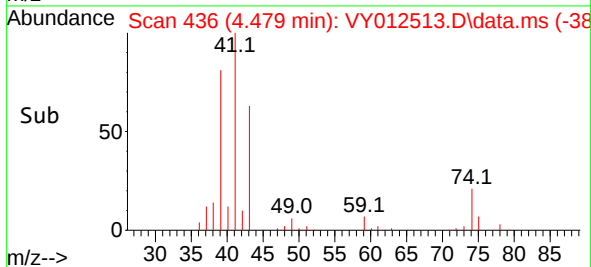
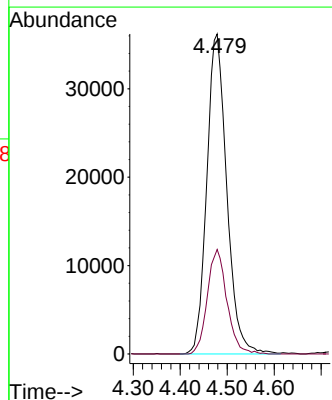
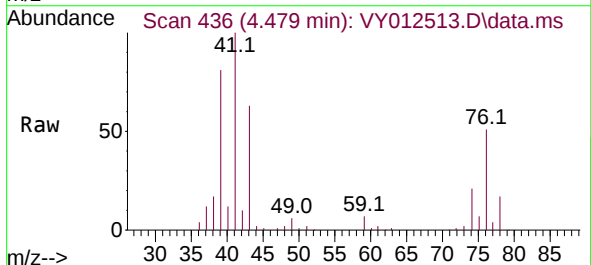
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

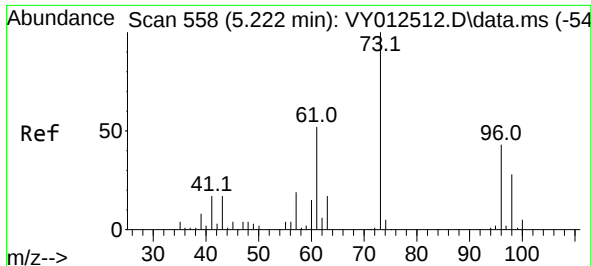
Tgt Ion: 76 Resp: 341912
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 98.260 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

Tgt Ion: 43 Resp: 106772
Ion Ratio Lower Upper
43 100
74 32.0 25.6 38.4





#19

Methyl tert-butyl Ether

Concen: 102.722 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

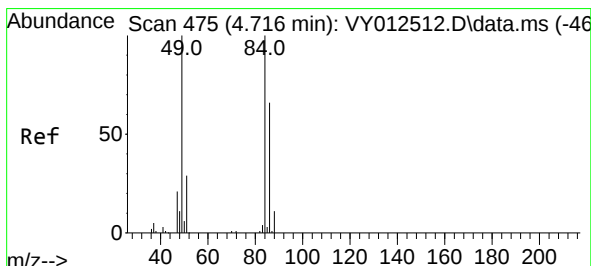
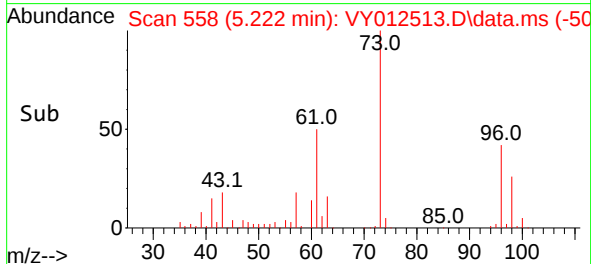
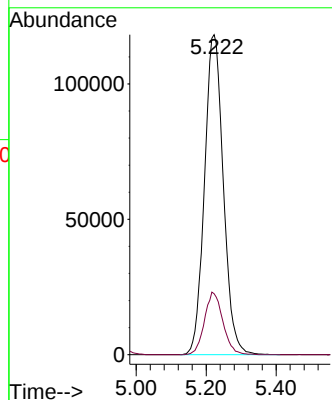
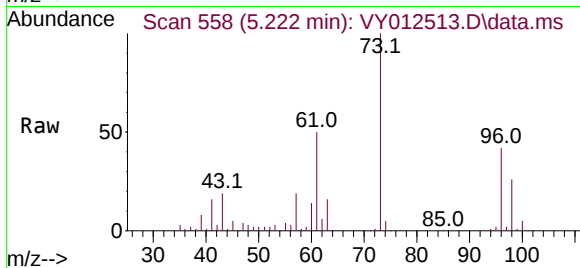
VSTDIC100

Tgt Ion: 73 Resp: 442010

Ion Ratio Lower Upper

73 100

57 19.1 15.3 22.9



#20

Methylene Chloride

Concen: 98.599 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Tgt Ion: 84 Resp: 159602

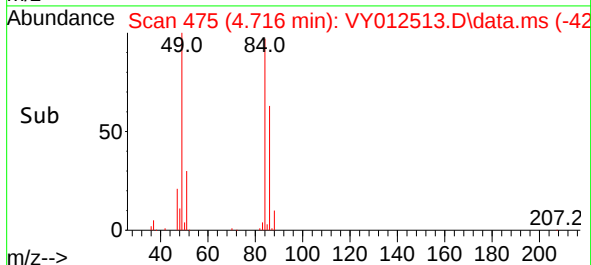
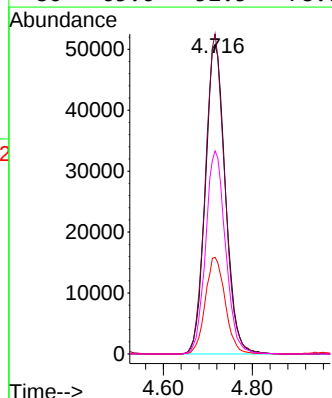
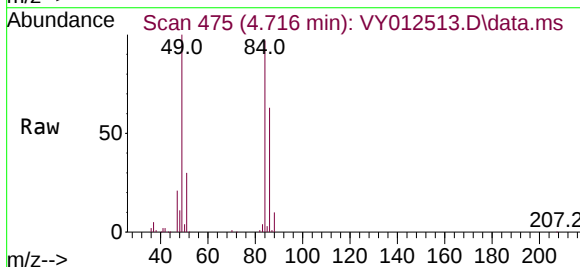
Ion Ratio Lower Upper

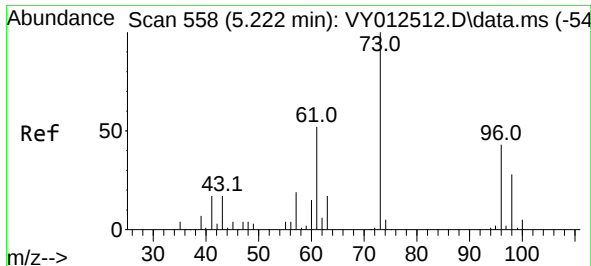
84 100

49 103.4 79.8 119.6

51 31.3 23.4 35.2

86 65.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 95.526 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

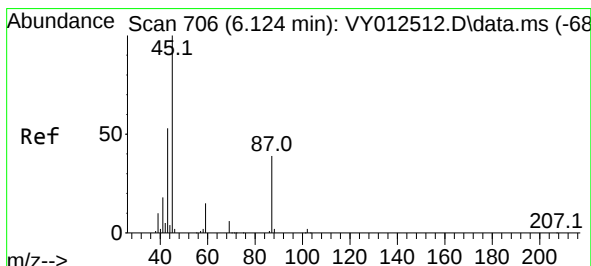
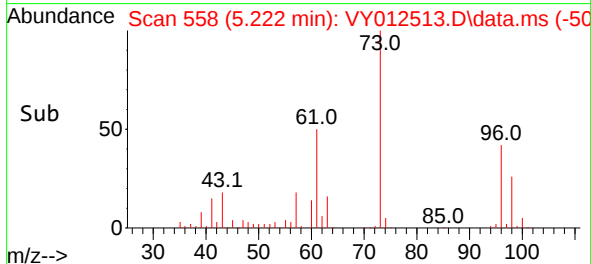
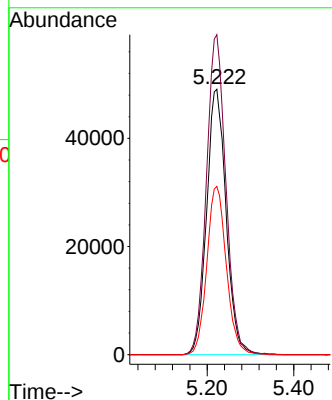
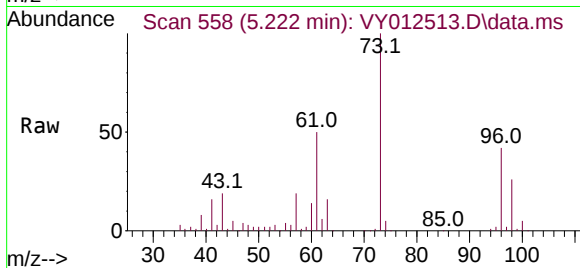
Tgt Ion: 96 Resp: 153198

Ion Ratio Lower Upper

96 100

61 120.6 96.2 144.4

98 63.4 51.6 77.4



#22

Diisopropyl ether

Concen: 97.930 ug/l

RT: 6.119 min Scan# 705

Delta R.T. -0.006 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Tgt Ion: 45 Resp: 357022

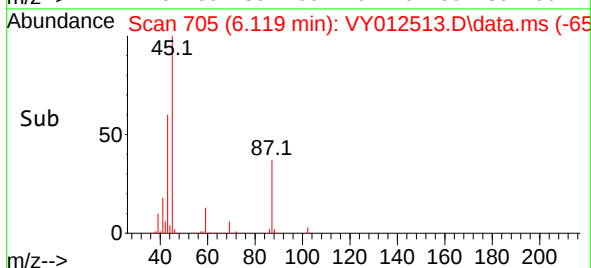
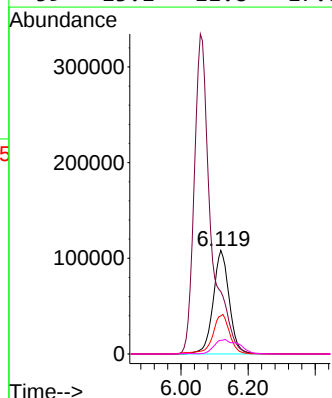
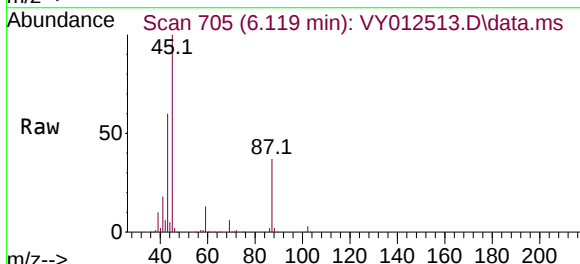
Ion Ratio Lower Upper

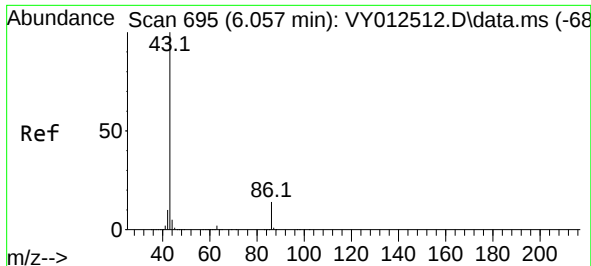
45 100

43 60.1 45.9 68.9

87 36.9 32.2 48.4

59 13.1 11.8 17.8

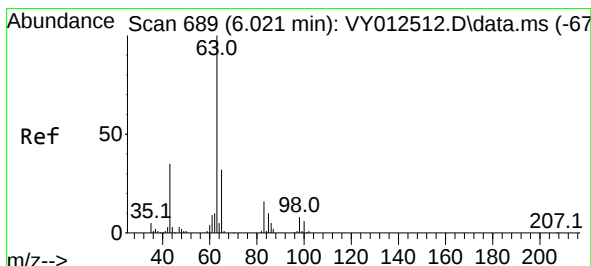
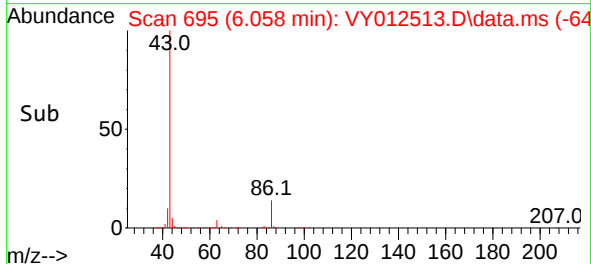
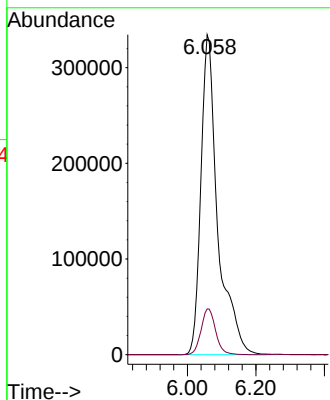
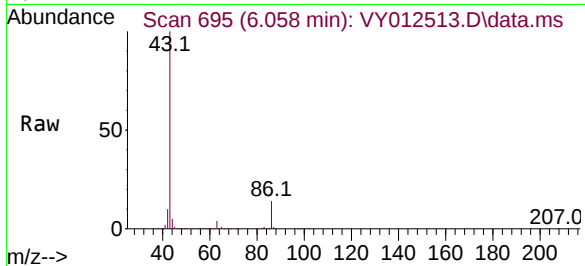




#23
Vinyl Acetate
Concen: 520.503 ug/l
RT: 6.058 min Scan# 695
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

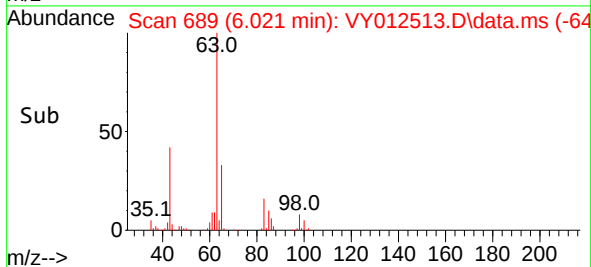
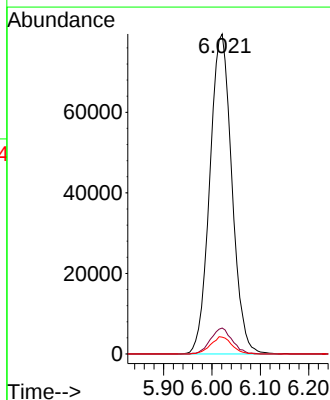
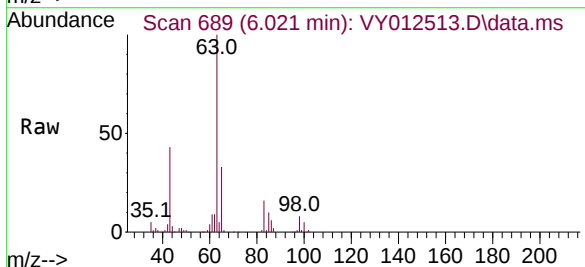
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

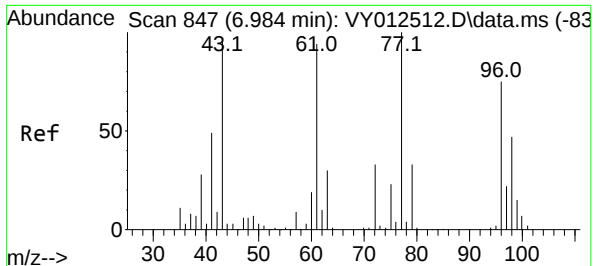
Tgt Ion: 43 Resp: 1143951
Ion Ratio Lower Upper
43 100
86 14.3 11.5 17.3



#24
1,1-Dichloroethane
Concen: 96.491 ug/l
RT: 6.021 min Scan# 689
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

Tgt Ion: 63 Resp: 251475
Ion Ratio Lower Upper
63 100
98 8.1 4.1 12.3
100 5.3 2.9 8.8





#25

2-Butanone

Concen: 528.457 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

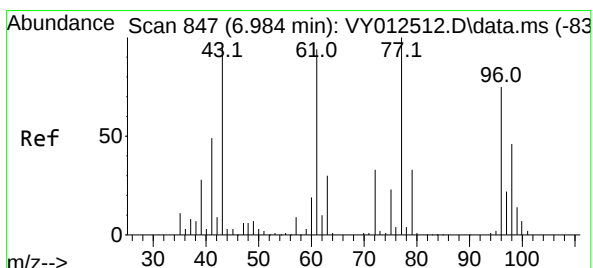
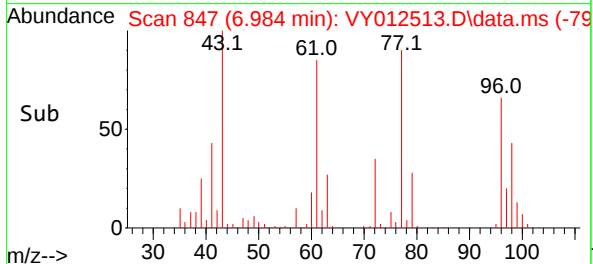
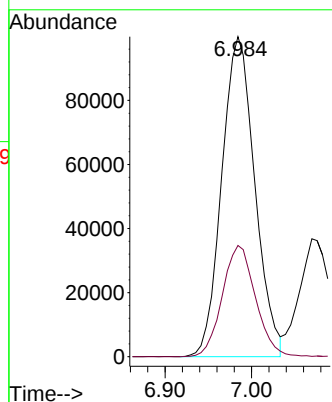
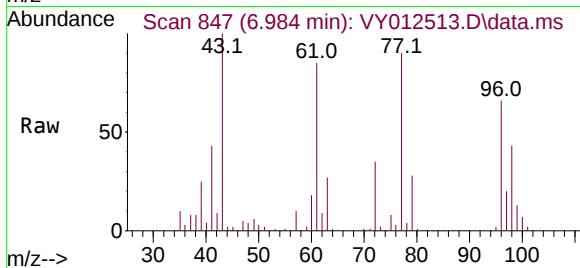
VSTDIC100

Tgt Ion: 43 Resp: 265071

Ion Ratio Lower Upper

43 100

72 34.8 27.4 41.2



#26

2,2-Dichloropropane

Concen: 95.836 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012513.D

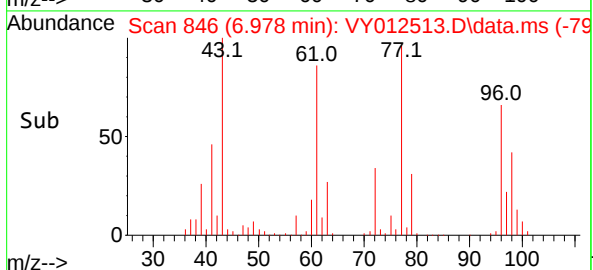
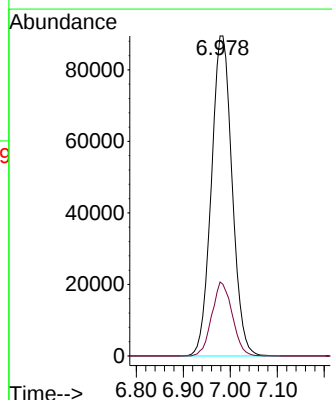
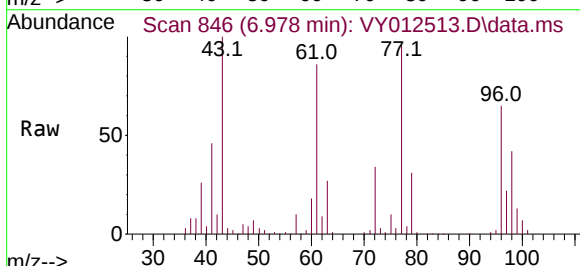
Acq: 07 Feb 2023 11:46

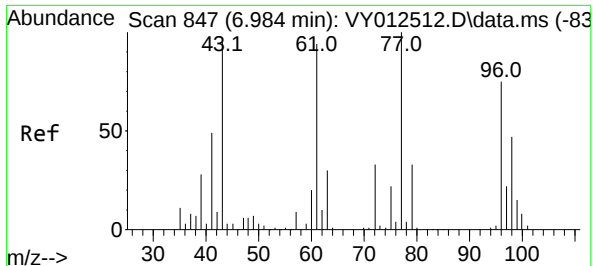
Tgt Ion: 77 Resp: 274421

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 97.453 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

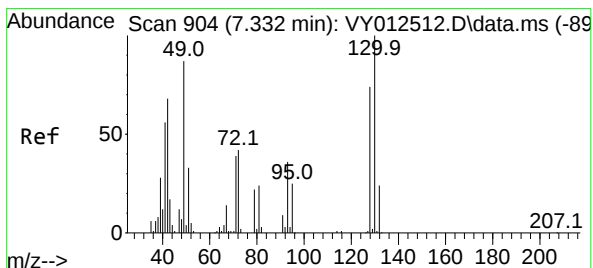
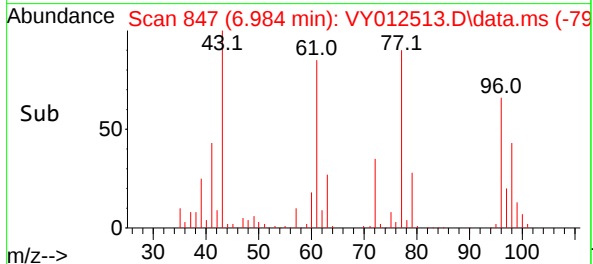
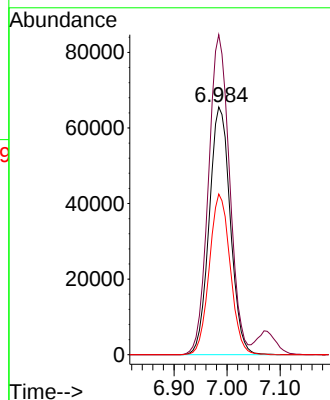
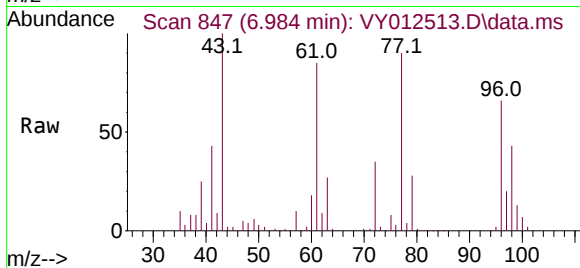
Tgt Ion: 96 Resp: 181370

Ion Ratio Lower Upper

96 100

61 129.1 0.0 259.2

98 64.1 0.0 129.0



#28

Bromochloromethane

Concen: 106.770 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

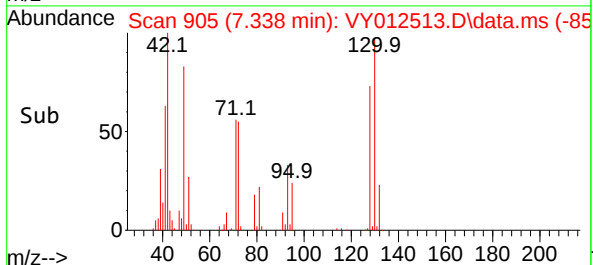
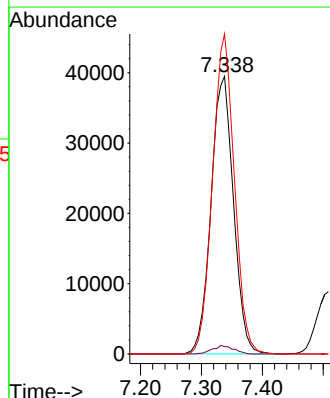
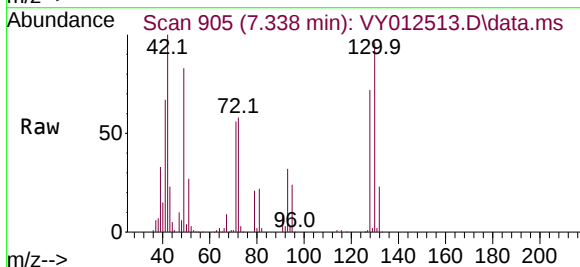
Tgt Ion: 49 Resp: 101150

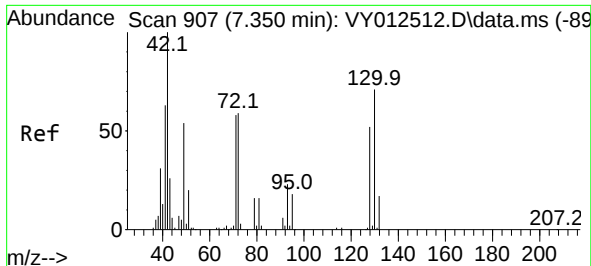
Ion Ratio Lower Upper

49 100

129 2.9 0.0 6.0

130 112.0 93.1 139.7





#29

Tetrahydrofuran

Concen: 518.437 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

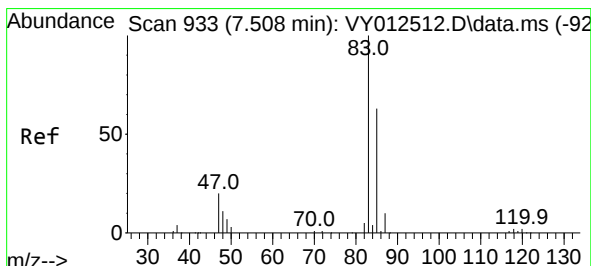
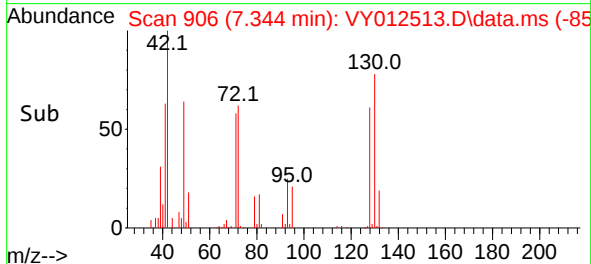
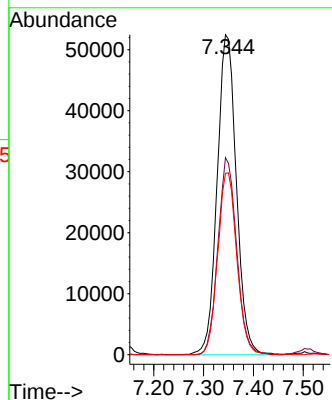
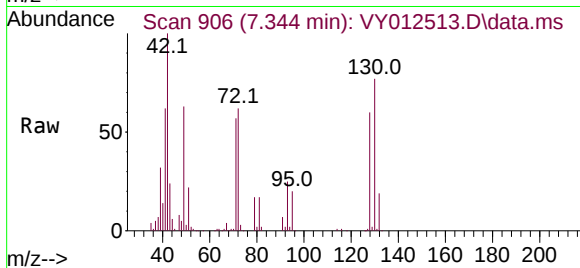
Tgt Ion: 42 Resp: 140585

Ion Ratio Lower Upper

42 100

72 60.0 47.0 70.6

71 56.3 44.6 66.8



#30

Chloroform

Concen: 95.545 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY012513.D

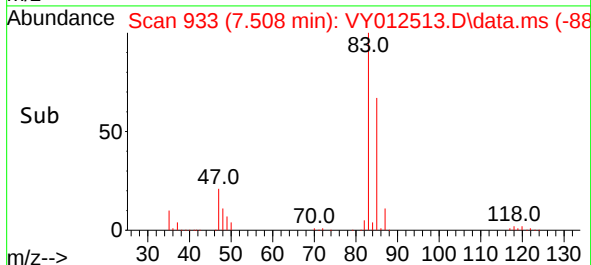
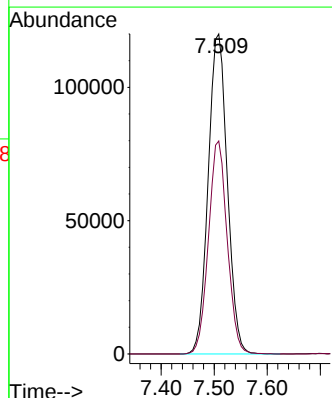
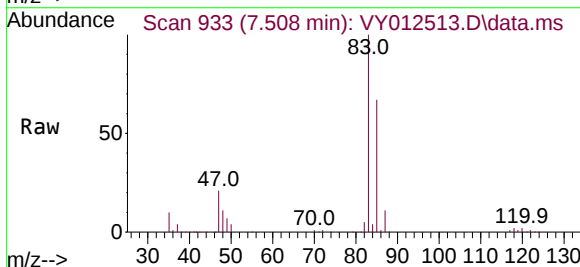
Acq: 07 Feb 2023 11:46

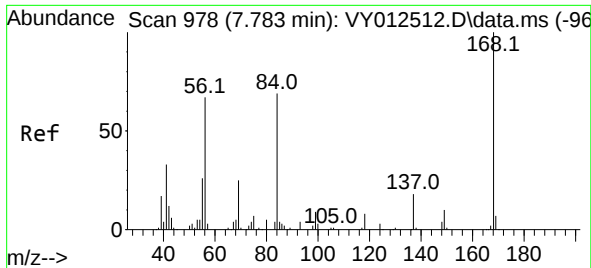
Tgt Ion: 83 Resp: 300221

Ion Ratio Lower Upper

83 100

85 66.6 50.8 76.2

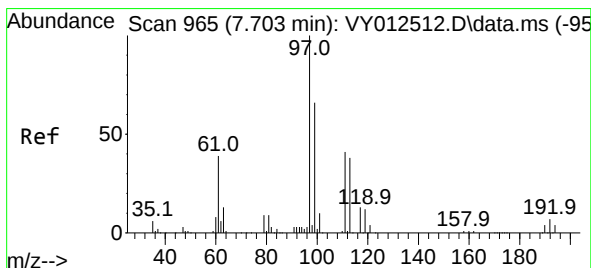
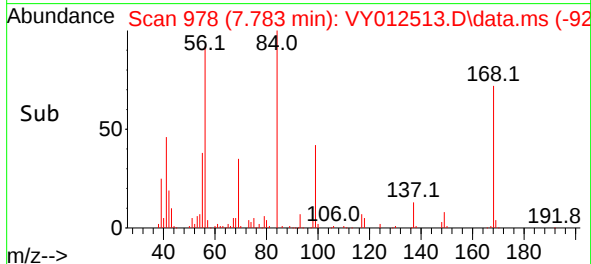
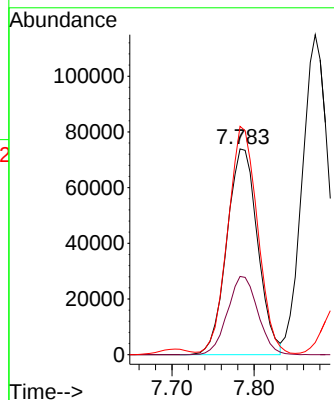
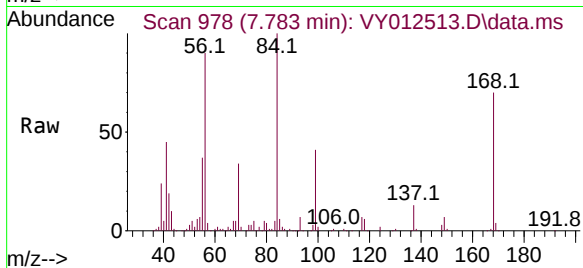




#31
Cyclohexane
Concen: 88.645 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

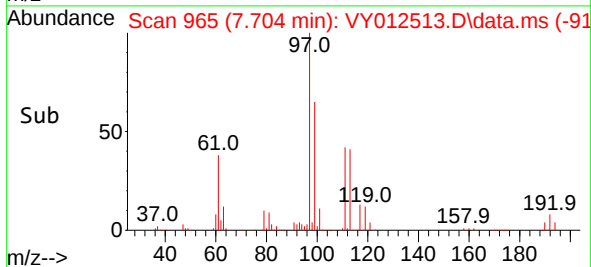
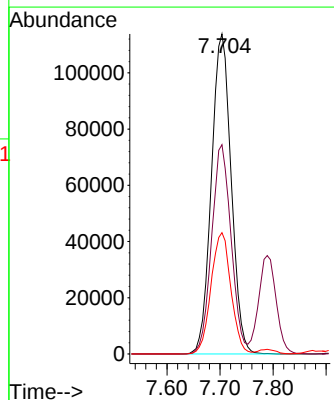
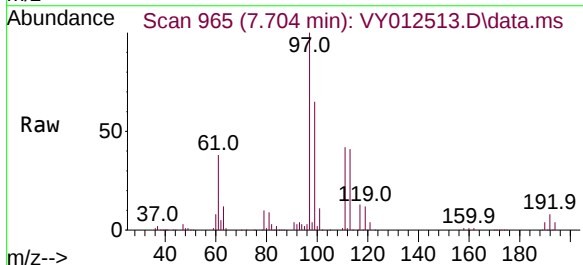
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

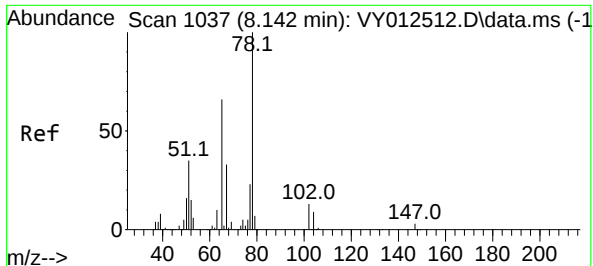
Tgt Ion: 56 Resp: 192511
Ion Ratio Lower Upper
56 100
69 38.0 29.5 44.3
84 108.3 81.9 122.9



#32
1,1,1-Trichloroethane
Concen: 96.511 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

Tgt Ion: 97 Resp: 294276
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 38.2 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 100.873 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

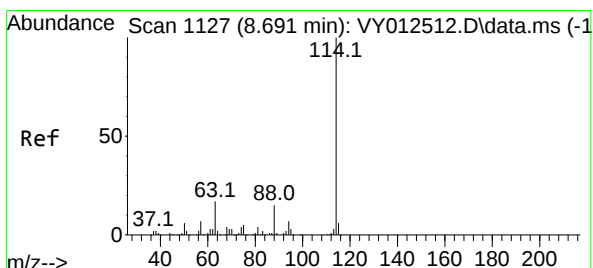
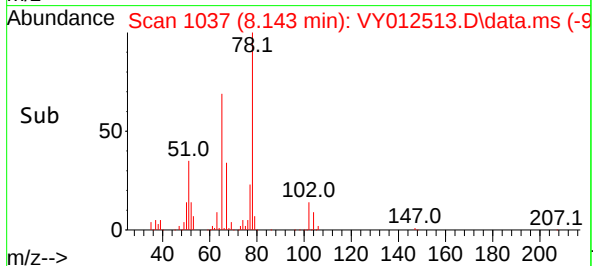
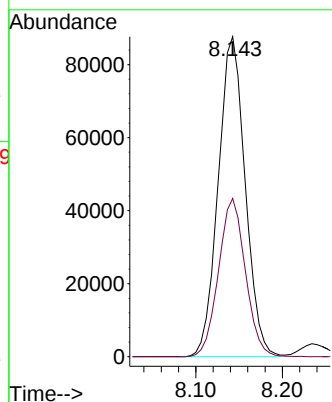
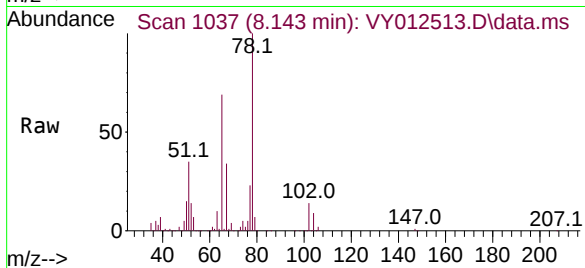
VSTDIC100

Tgt Ion: 65 Resp: 189474

Ion Ratio Lower Upper

65 100

67 49.2 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

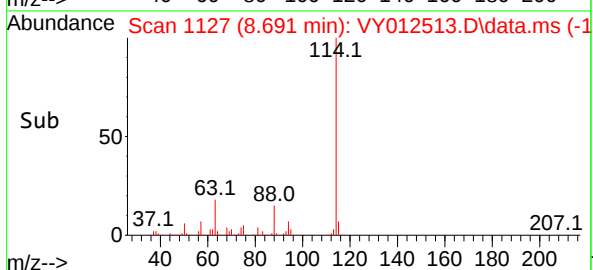
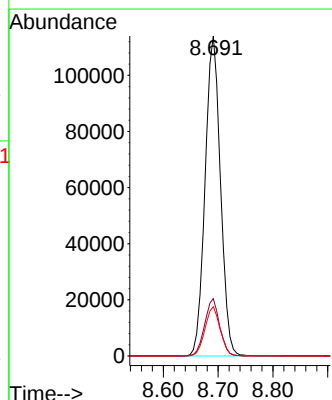
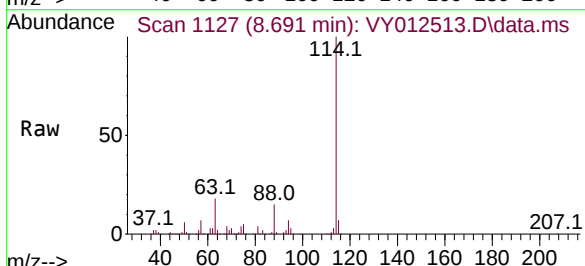
Tgt Ion: 114 Resp: 221041

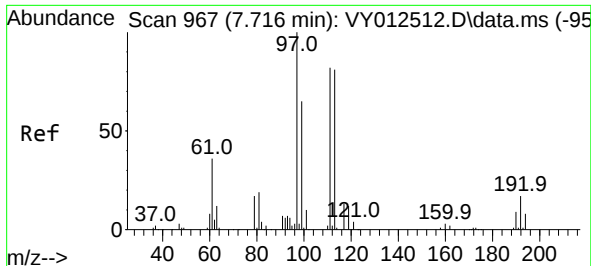
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.6

88 15.4 0.0 29.8

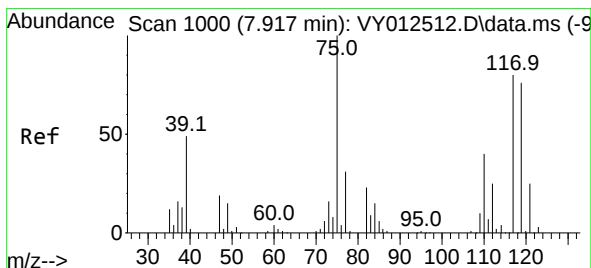
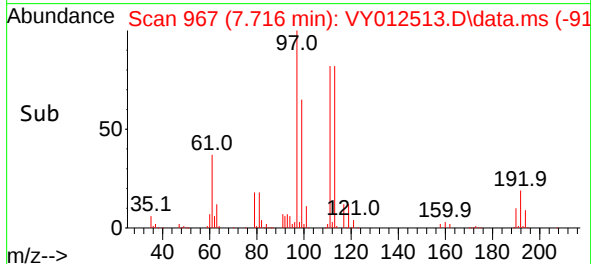
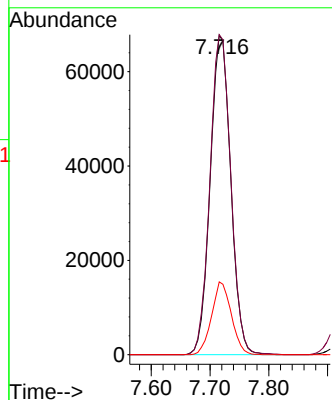
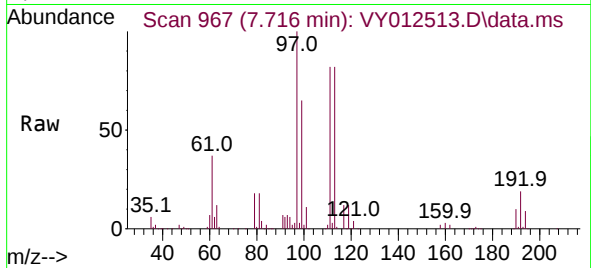




#35
Dibromofluoromethane
Concen: 101.813 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

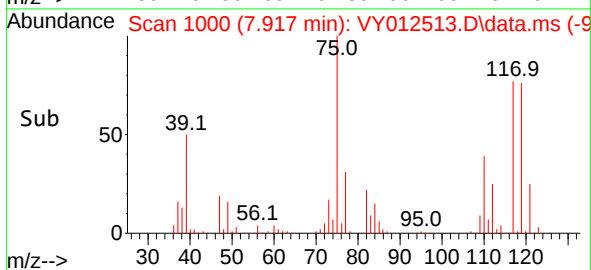
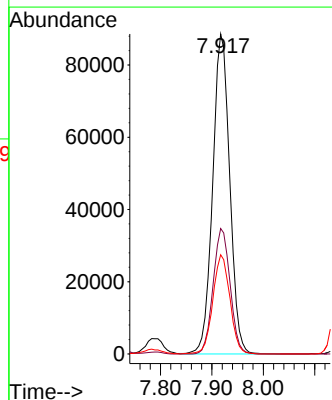
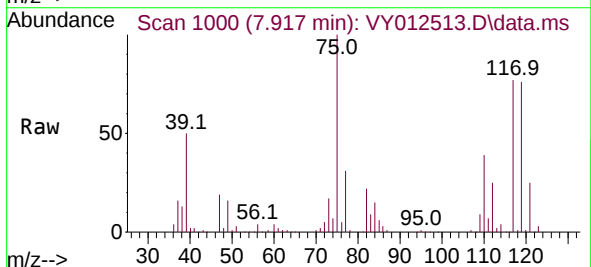
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

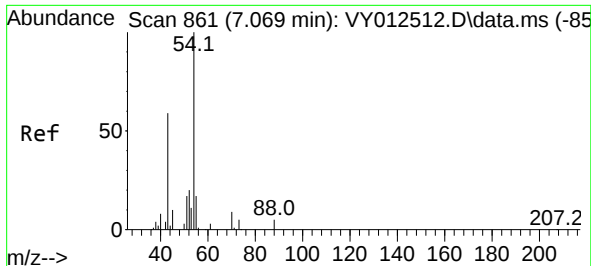
Tgt Ion:113 Resp: 163894
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 21.9 17.5 26.3



#36
1,1-Dichloropropene
Concen: 93.666 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

Tgt Ion: 75 Resp: 204066
Ion Ratio Lower Upper
75 100
110 38.9 19.5 58.5
77 31.1 24.9 37.3

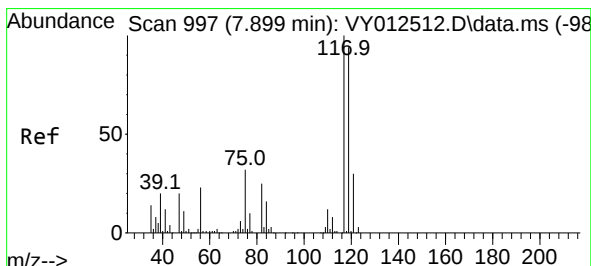
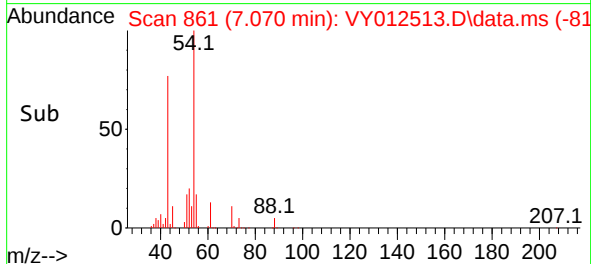
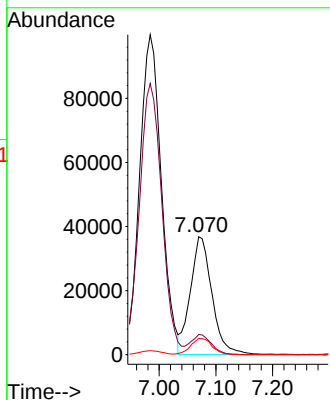
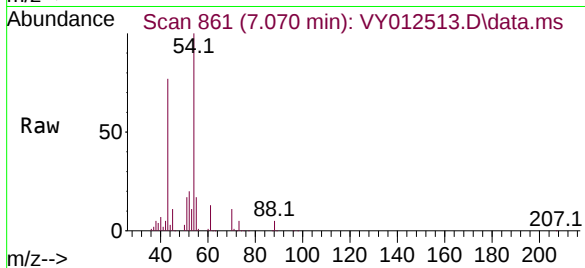




#37
Ethyl Acetate
Concen: 98.902 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

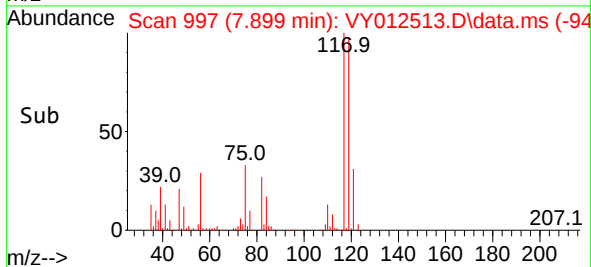
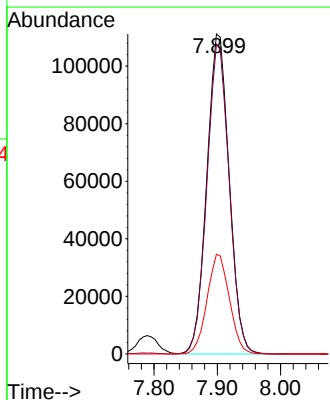
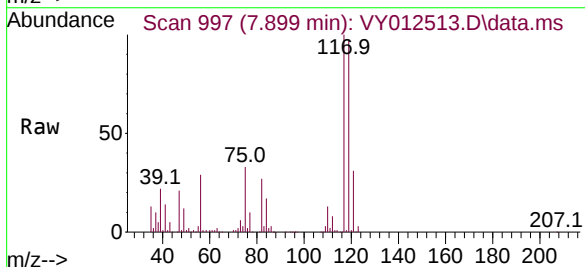
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

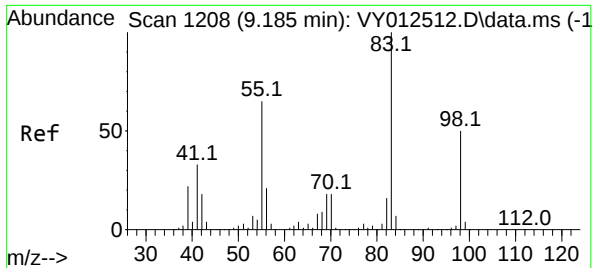
Tgt Ion: 43 Resp: 97228
Ion Ratio Lower Upper
43 100
61 16.0 12.5 18.7
70 13.6 11.0 16.4



#38
Carbon Tetrachloride
Concen: 93.546 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

Tgt Ion: 117 Resp: 273576
Ion Ratio Lower Upper
117 100
119 96.7 75.1 112.7
121 31.2 24.3 36.5

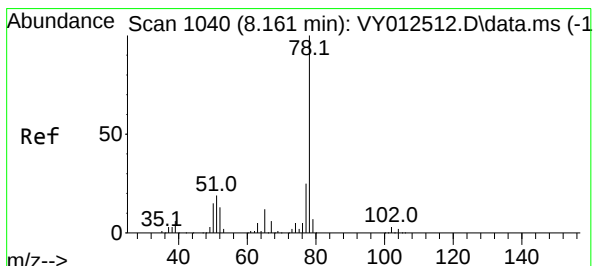
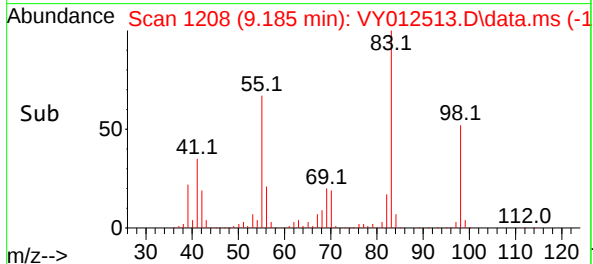
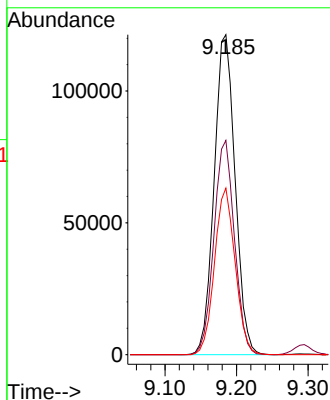
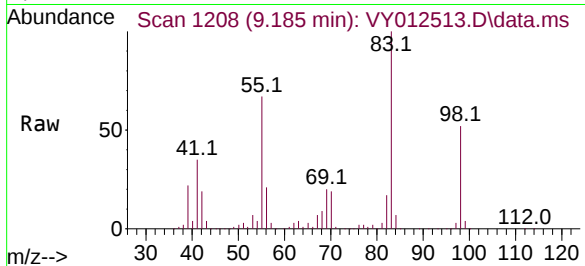




#39
Methylcyclohexane
Concen: 94.235 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

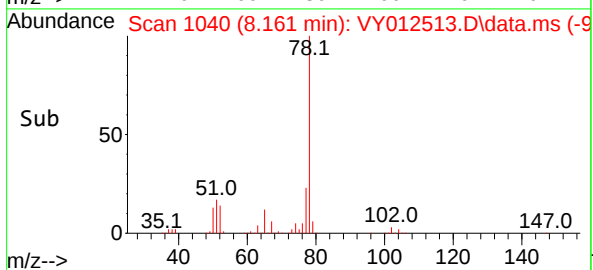
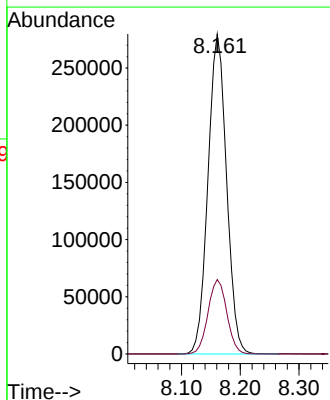
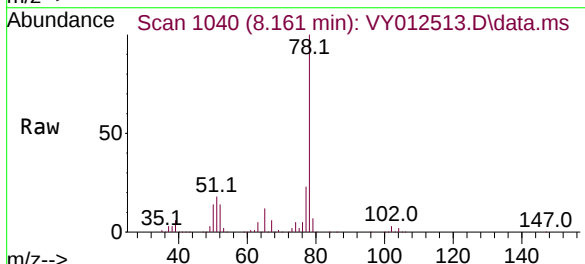
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

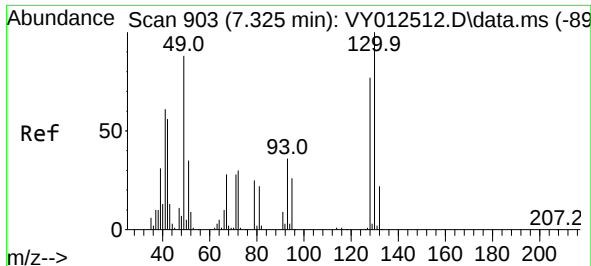
Tgt Ion: 83 Resp: 247045
Ion Ratio Lower Upper
83 100
55 67.0 52.0 78.0
98 52.1 40.4 60.6



#40
Benzene
Concen: 95.468 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

Tgt Ion: 78 Resp: 614320
Ion Ratio Lower Upper
78 100
77 23.3 19.9 29.9

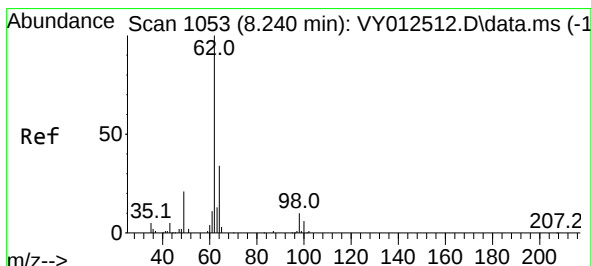
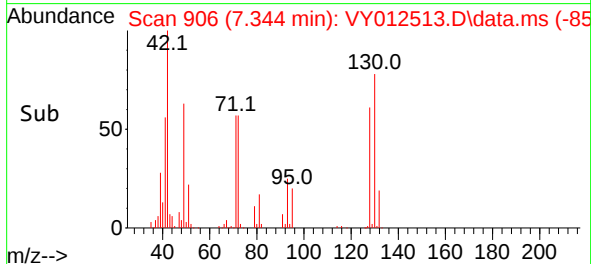
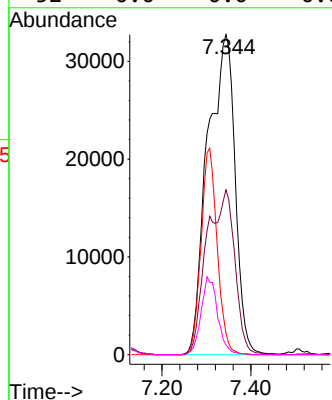
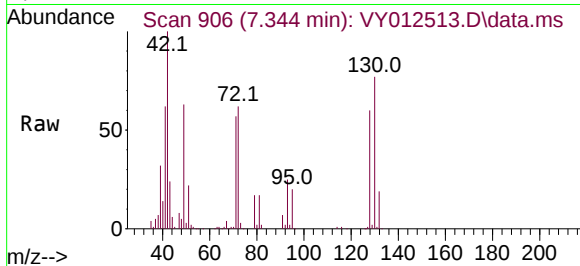




#41
Methacrylonitrile
Concen: 259.852 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

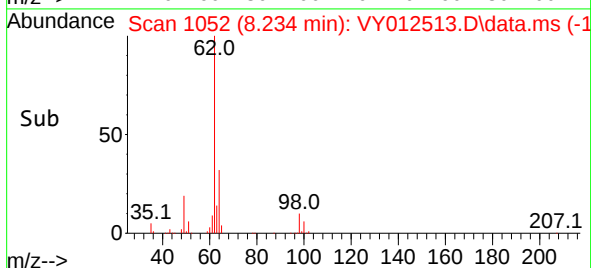
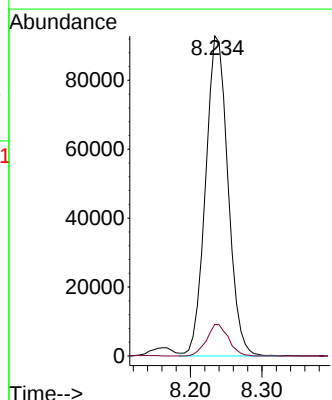
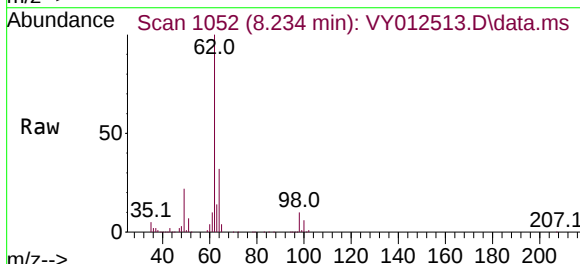
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

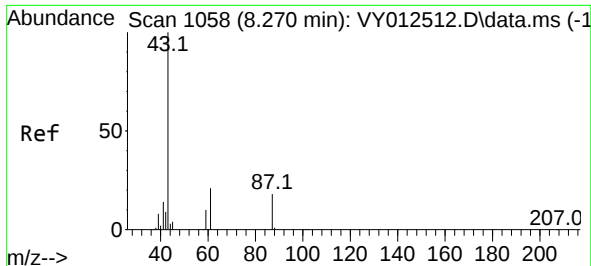
Tgt Ion: 41 Resp: 139925
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 96.916 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

Tgt Ion: 62 Resp: 202133
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.2





#43

Isopropyl Acetate

Concen: 103.874 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

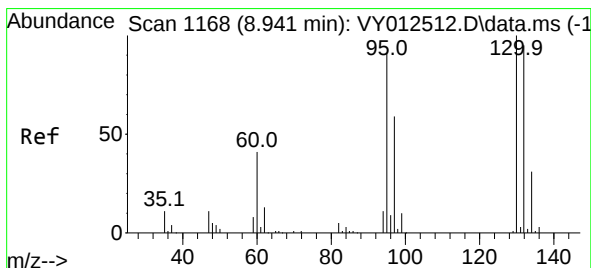
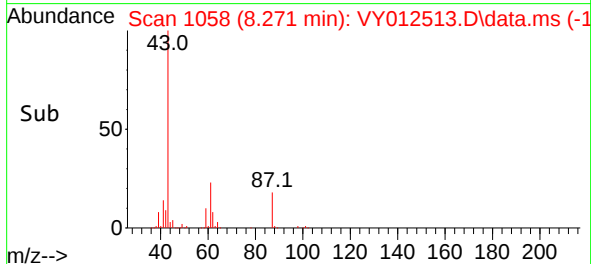
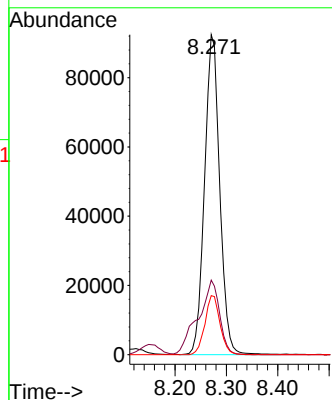
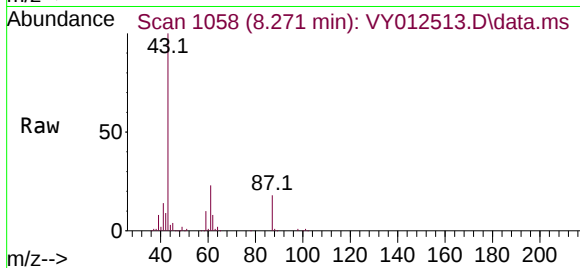
Tgt Ion: 43 Resp: 189332

Ion Ratio Lower Upper

43 100

61 32.9 27.2 40.8

87 18.4 15.0 22.4



#44

Trichloroethene

Concen: 94.684 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY012513.D

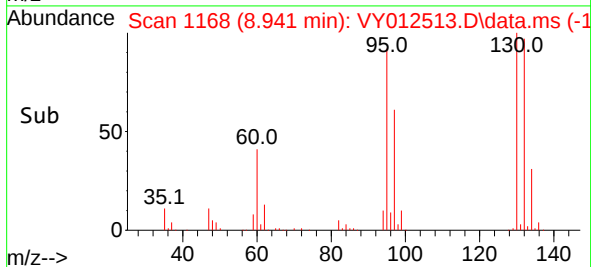
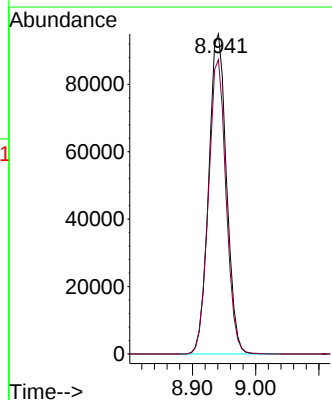
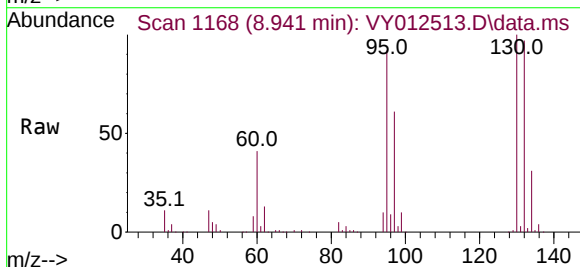
Acq: 07 Feb 2023 11:46

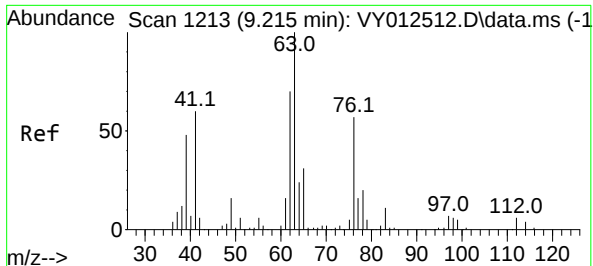
Tgt Ion:130 Resp: 185470

Ion Ratio Lower Upper

130 100

95 91.9 0.0 181.2





#45

1,2-Dichloropropane

Concen: 95.941 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

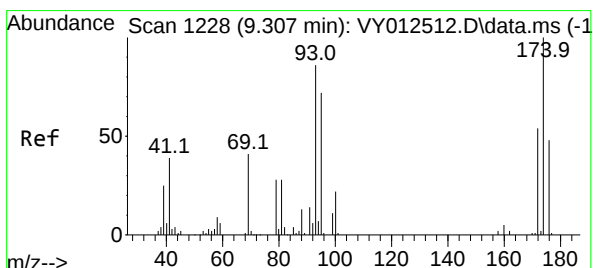
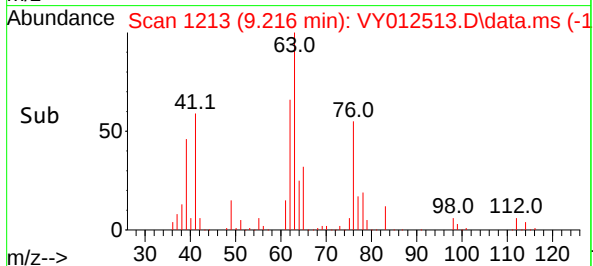
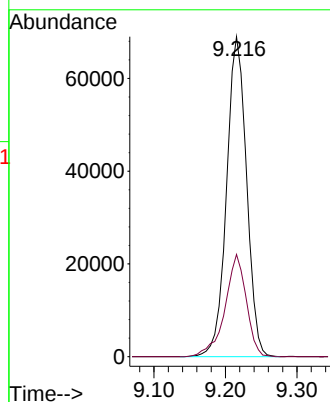
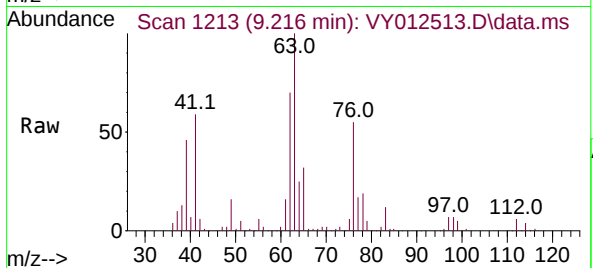
VSTDICC100

Tgt Ion: 63 Resp: 133867

Ion Ratio Lower Upper

63 100

65 31.9 24.6 37.0



#46

Dibromomethane

Concen: 97.463 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

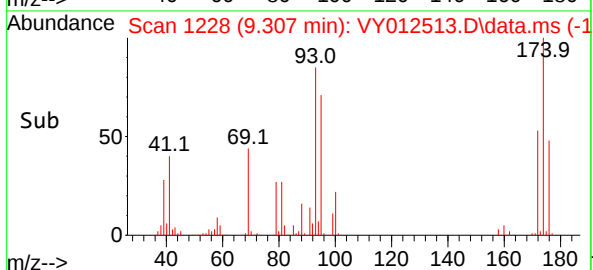
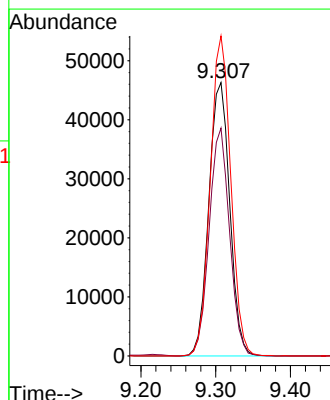
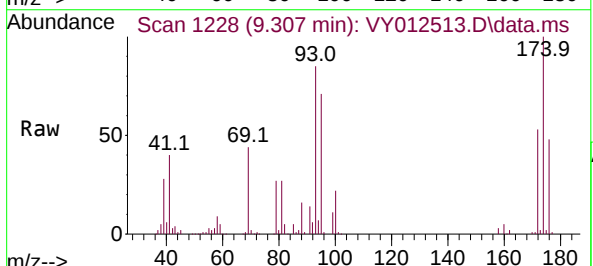
Tgt Ion: 93 Resp: 90045

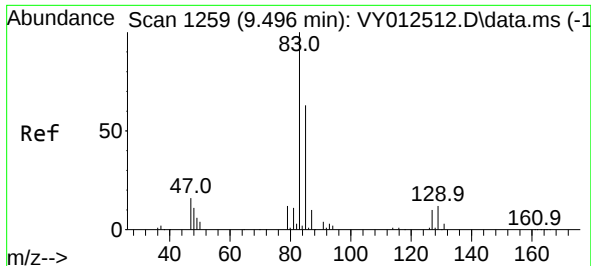
Ion Ratio Lower Upper

93 100

95 81.1 65.8 98.8

174 114.9 93.4 140.2

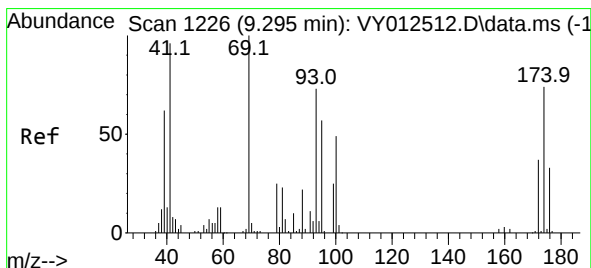
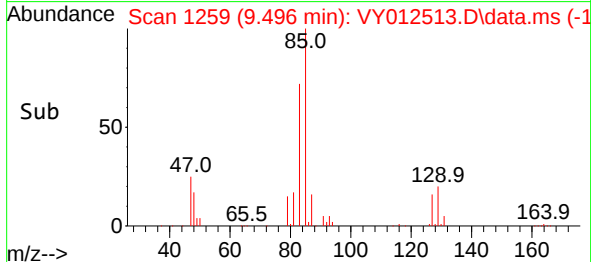
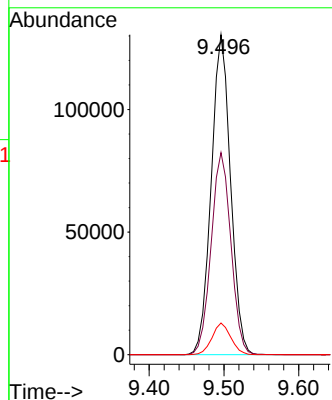
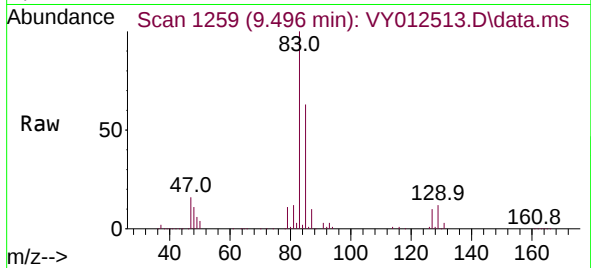




#47
Bromodichloromethane
Concen: 97.688 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

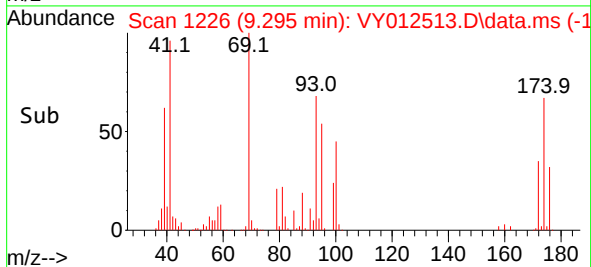
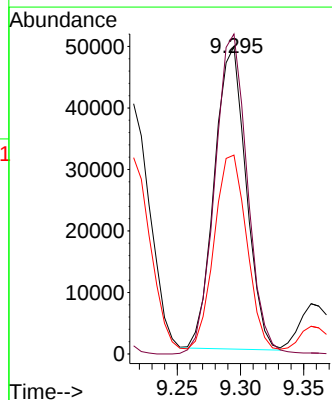
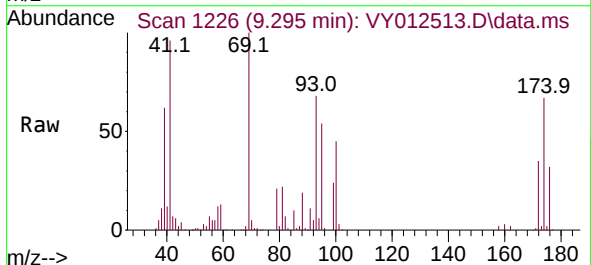
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

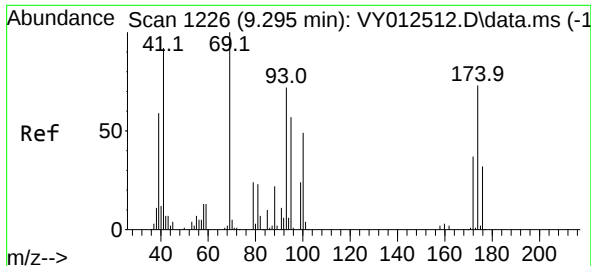
Tgt Ion: 83 Resp: 234011
Ion Ratio Lower Upper
83 100
85 63.1 50.7 76.1
127 9.9 8.1 12.1



#48
Methyl methacrylate
Concen: 102.820 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

Tgt Ion: 41 Resp: 85664
Ion Ratio Lower Upper
41 100
69 108.6 85.4 128.2
39 69.3 52.7 79.1





#49

1,4-Dioxane

Concen: 2061.498 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

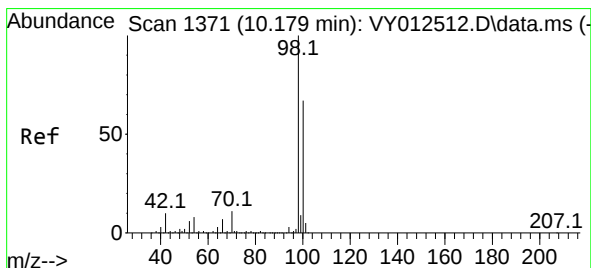
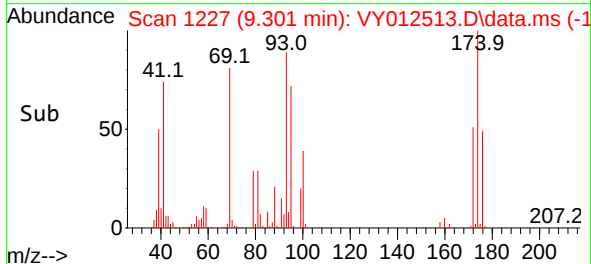
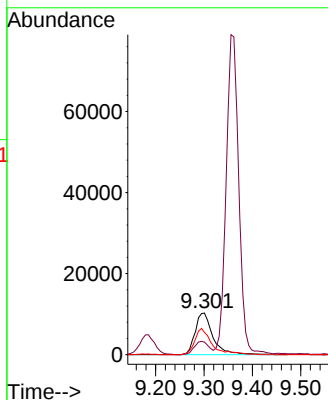
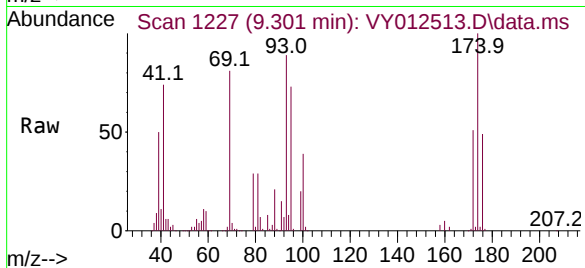
Tgt Ion: 88 Resp: 26292

Ion Ratio Lower Upper

88 100

43 26.5 22.6 33.8

58 60.4 45.4 68.0



#50

Toluene-d8

Concen: 100.856 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012513.D

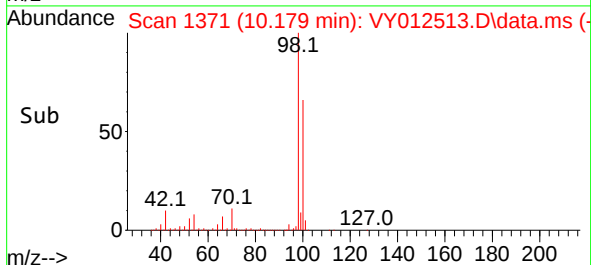
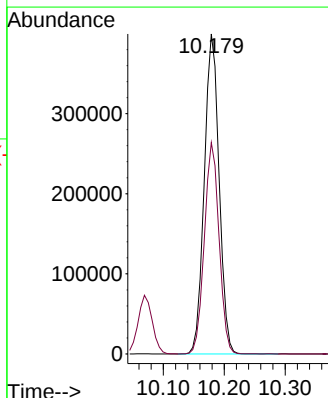
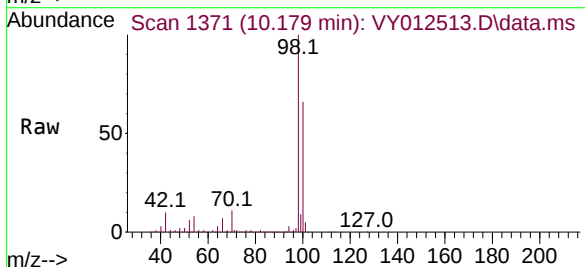
Acq: 07 Feb 2023 11:46

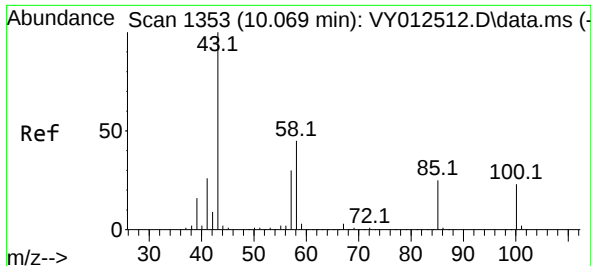
Tgt Ion: 98 Resp: 675762

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2

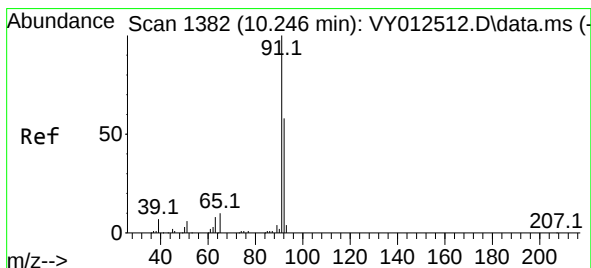
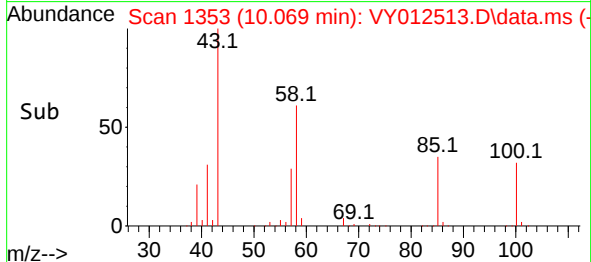
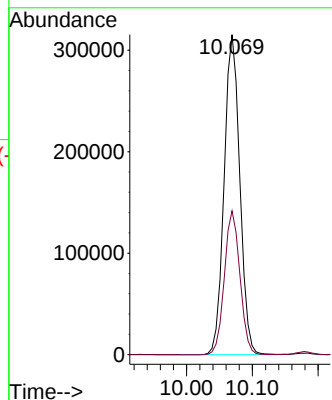
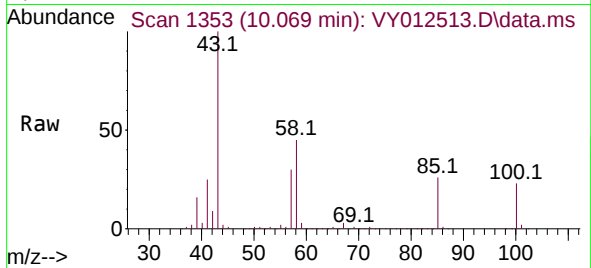




#51
4-Methyl-2-Pentanone
Concen: 532.470 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

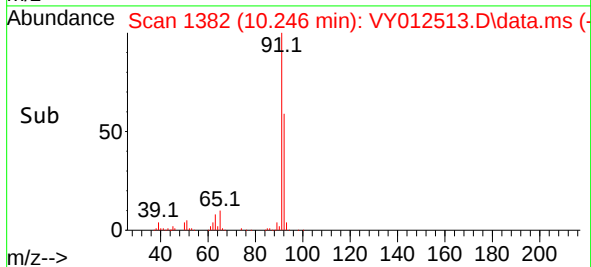
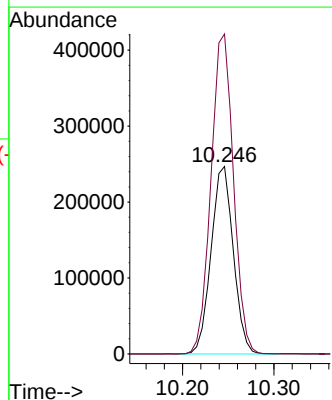
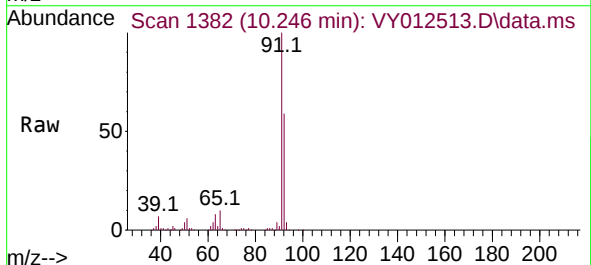
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

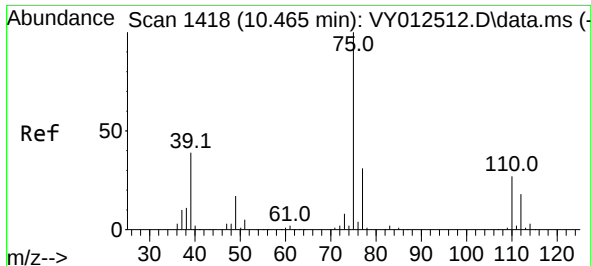
Tgt Ion: 43 Resp: 523632
Ion Ratio Lower Upper
43 100
58 44.5 36.2 54.2



#52
Toluene
Concen: 95.381 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

Tgt Ion: 92 Resp: 416213
Ion Ratio Lower Upper
92 100
91 172.9 137.2 205.8





#53

t-1,3-Dichloropropene

Concen: 100.243 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

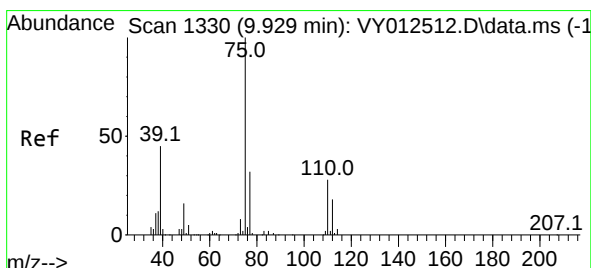
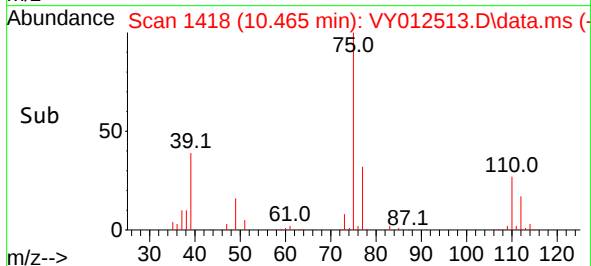
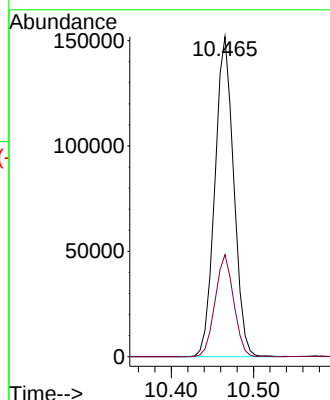
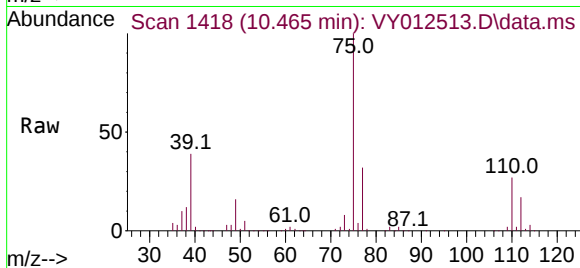
VSTDIC100

Tgt Ion: 75 Resp: 241973

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 97.567 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

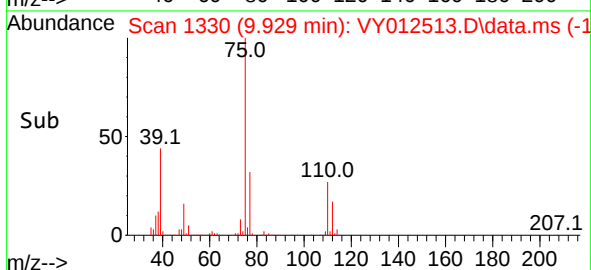
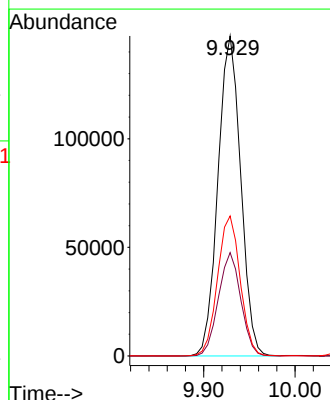
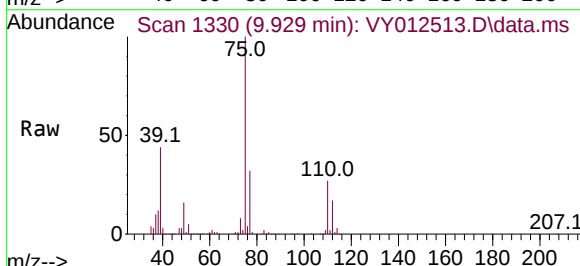
Tgt Ion: 75 Resp: 254864

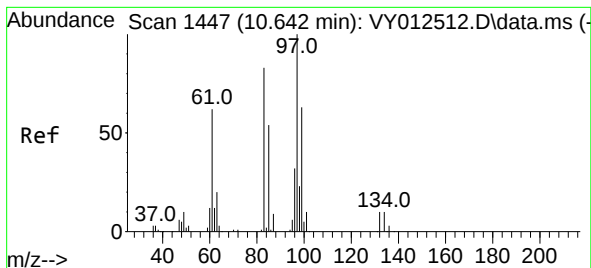
Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5

39 43.7 36.0 54.0





#55

1,1,2-Trichloroethane

Concen: 97.492 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 131611

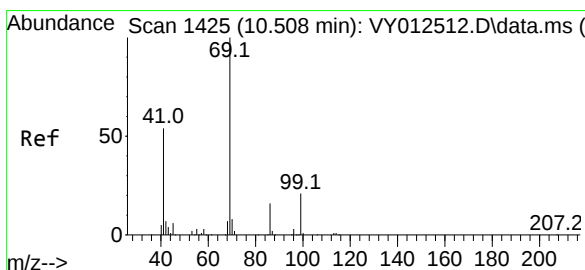
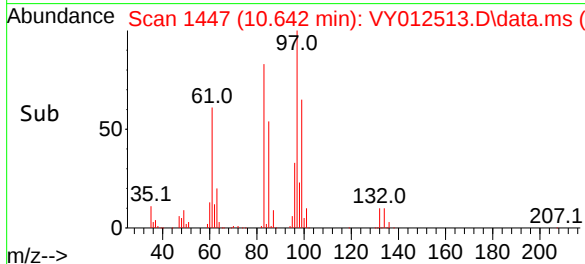
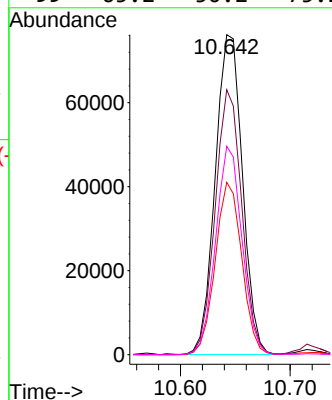
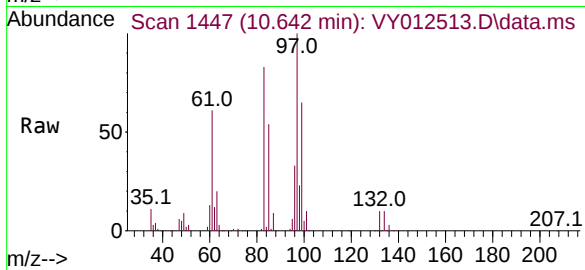
Ion Ratio Lower Upper

97 100

83 82.8 66.0 99.0

85 53.9 43.1 64.7

99 65.2 50.2 75.2



#56

Ethyl methacrylate

Concen: 106.034 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

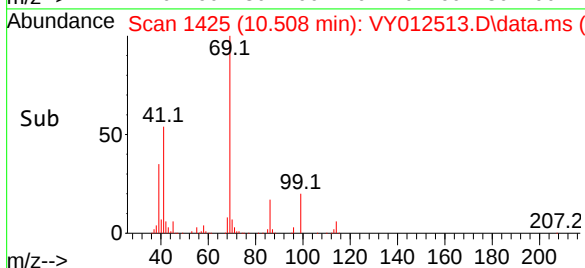
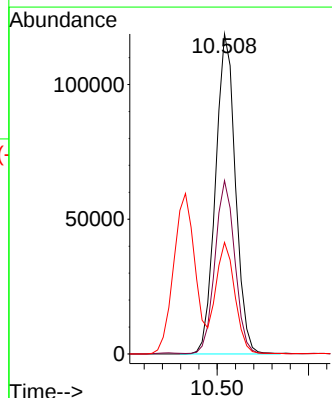
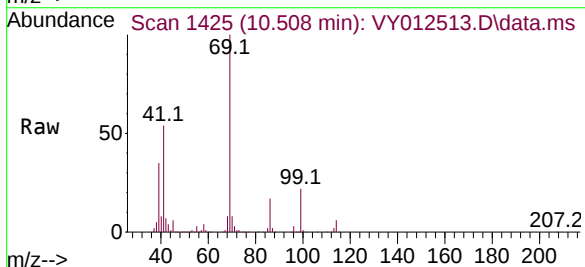
Tgt Ion: 69 Resp: 179841

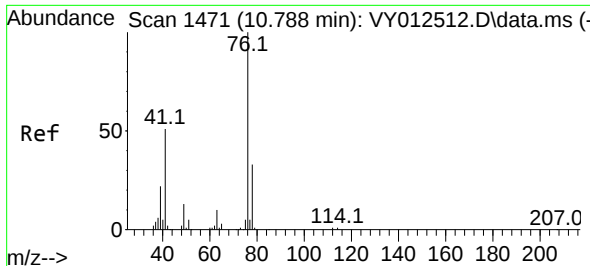
Ion Ratio Lower Upper

69 100

41 53.8 43.4 65.2

39 32.9 26.5 39.7





#57

1,3-Dichloropropane

Concen: 97.942 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

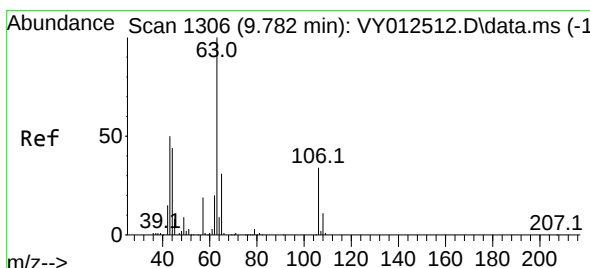
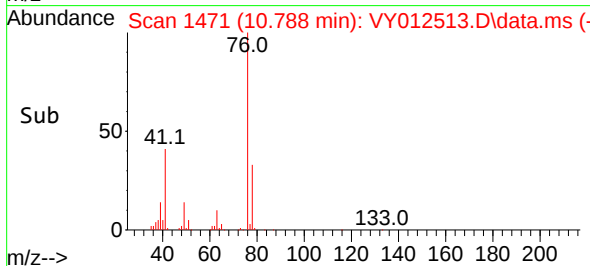
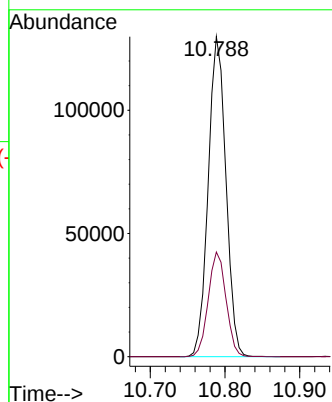
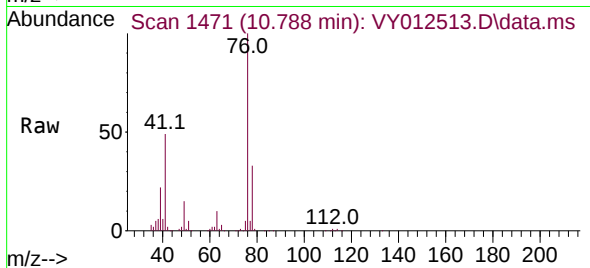
VSTDIC100

Tgt Ion: 76 Resp: 213389

Ion Ratio Lower Upper

76 100

78 32.8 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 537.580 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012513.D

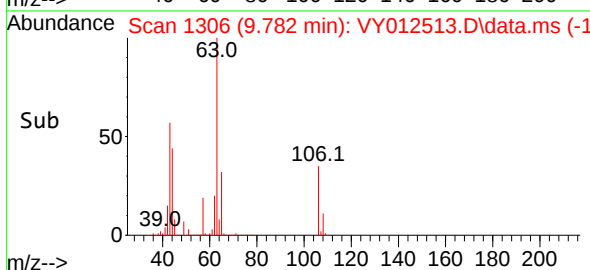
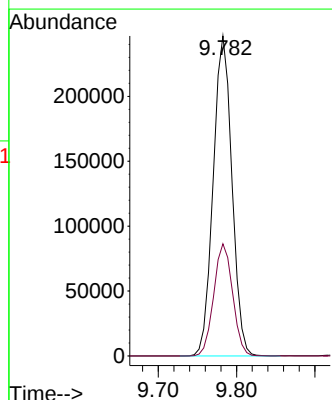
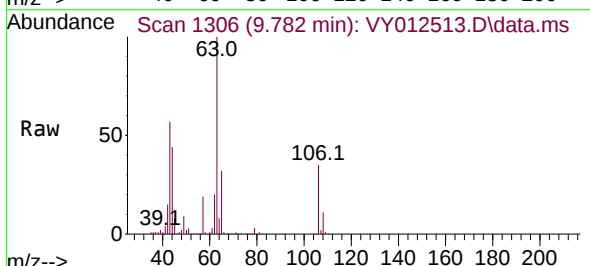
Acq: 07 Feb 2023 11:46

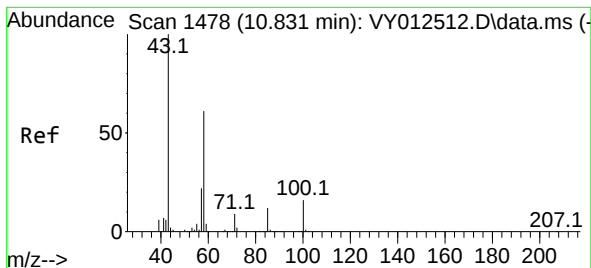
Tgt Ion: 63 Resp: 409819

Ion Ratio Lower Upper

63 100

106 35.3 28.0 42.0

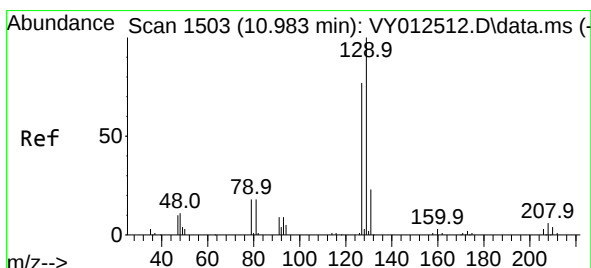
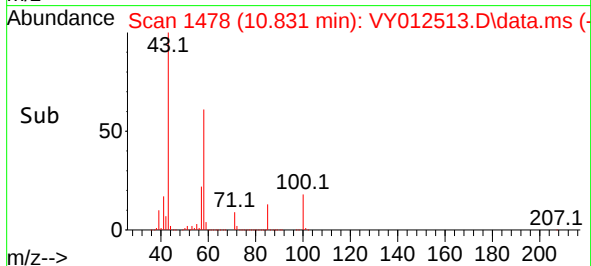
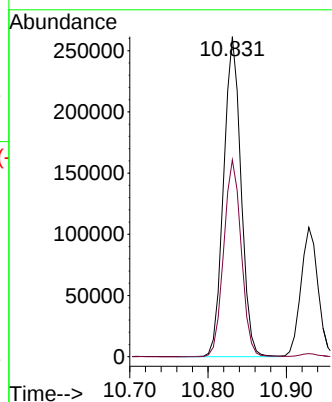
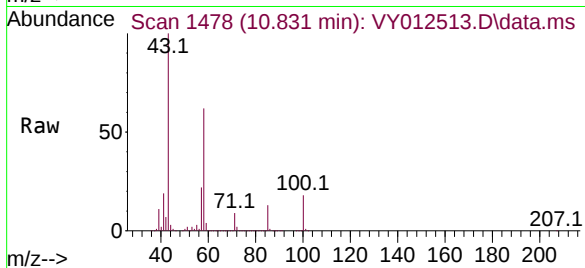




#59
2-Hexanone
Concen: 542.591 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

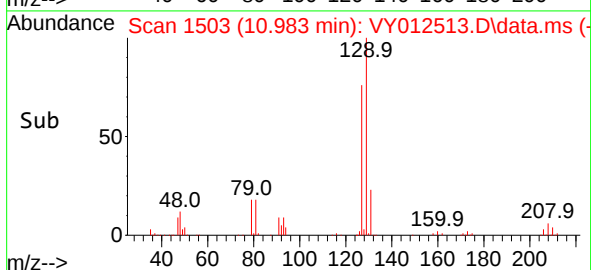
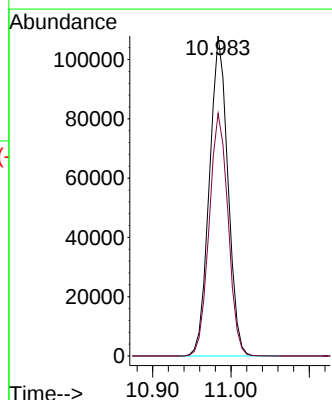
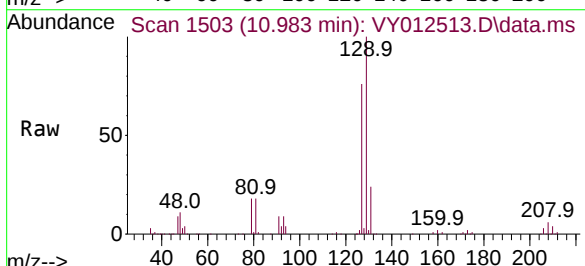
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

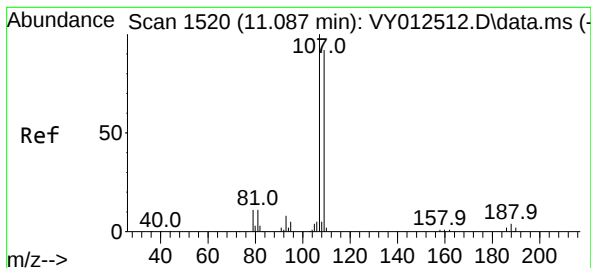
Tgt Ion: 43 Resp: 403238
Ion Ratio Lower Upper
43 100
58 61.8 30.9 92.5



#60
Dibromochloromethane
Concen: 98.352 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

Tgt Ion: 129 Resp: 176986
Ion Ratio Lower Upper
129 100
127 77.2 38.0 114.1





#61

1,2-Dibromoethane

Concen: 99.306 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

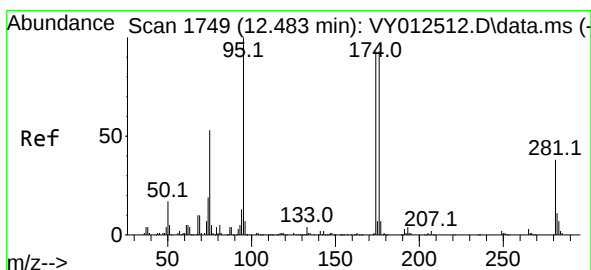
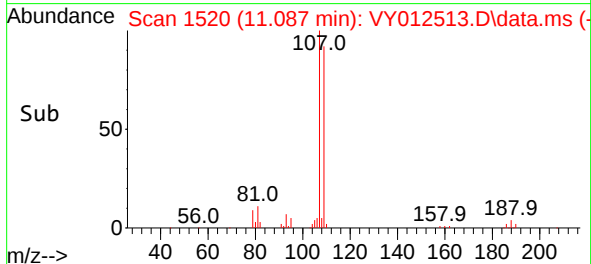
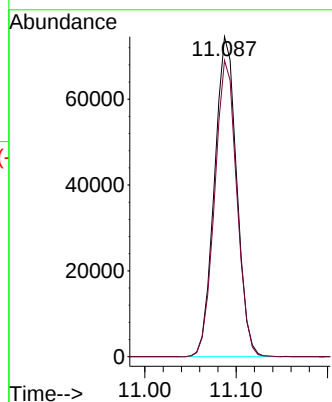
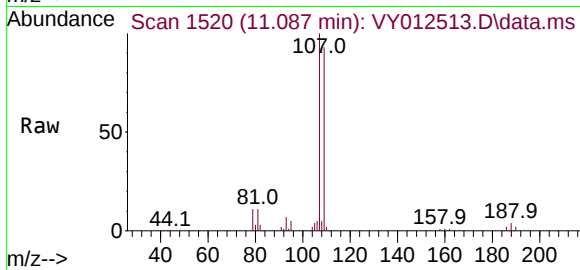
VSTDIC100

Tgt Ion:107 Resp: 125611

Ion Ratio Lower Upper

107 100

109 92.5 74.2 111.2



#62

4-Bromofluorobenzene

Concen: 98.534 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

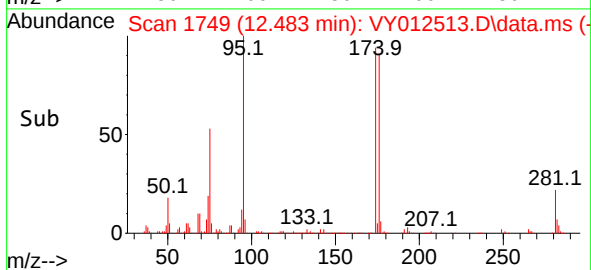
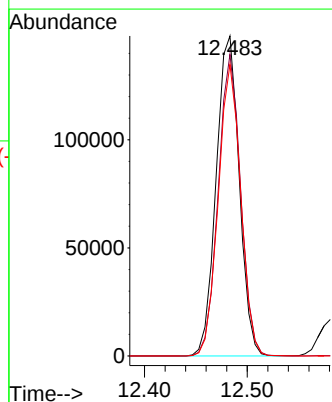
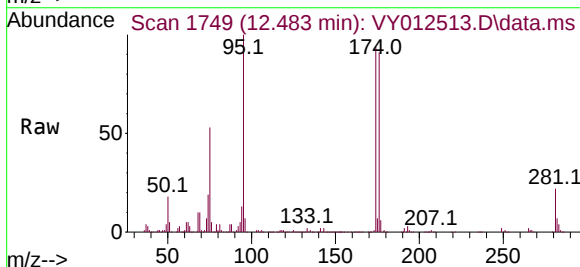
Tgt Ion: 95 Resp: 230282

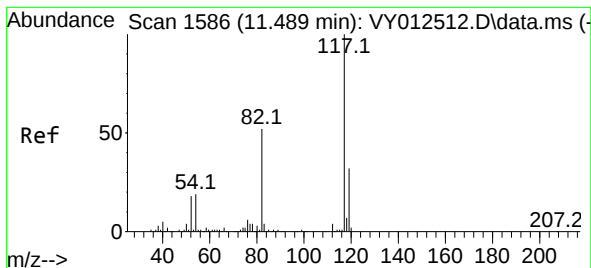
Ion Ratio Lower Upper

95 100

174 91.5 0.0 188.0

176 88.7 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

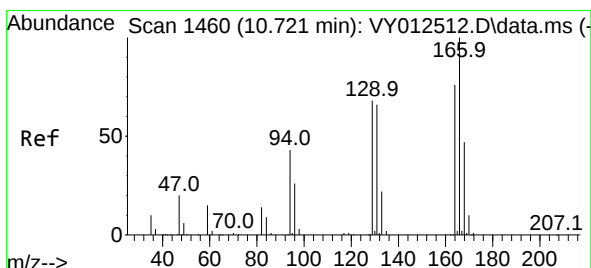
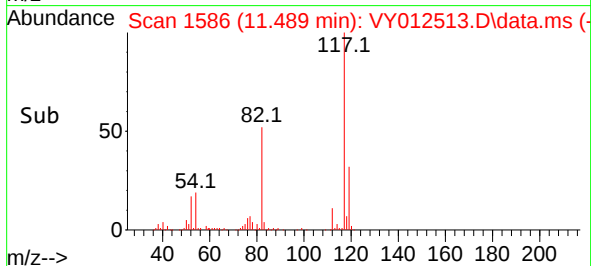
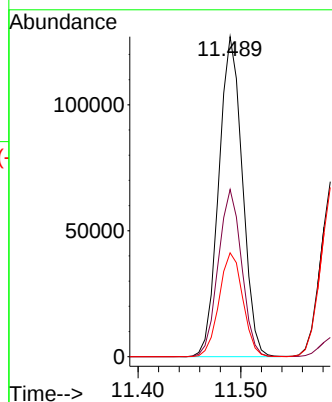
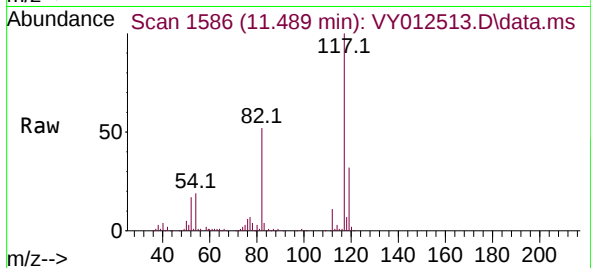
Tgt Ion:117 Resp: 202434

Ion Ratio Lower Upper

117 100

82 52.2 41.7 62.5

119 32.4 25.8 38.8



#64

Tetrachloroethene

Concen: 96.309 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Tgt Ion:164 Resp: 203541

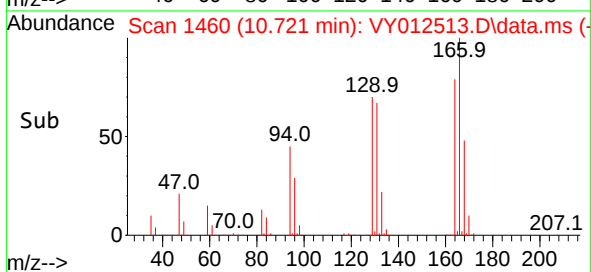
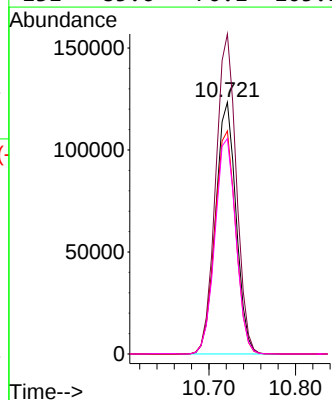
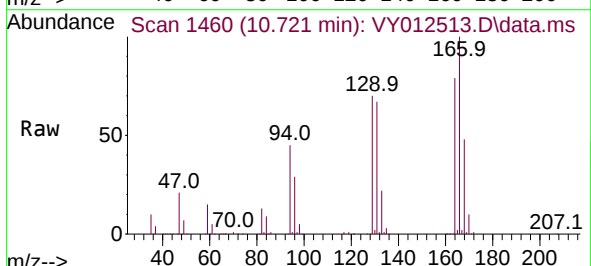
Ion Ratio Lower Upper

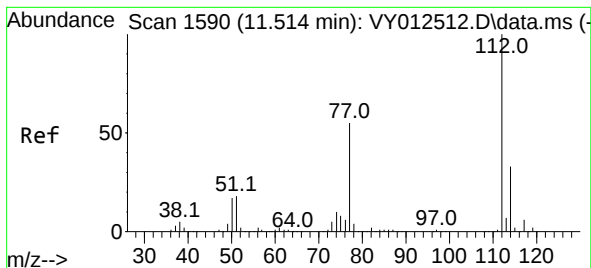
164 100

166 127.2 105.7 158.5

129 88.7 71.8 107.6

131 85.6 70.1 105.1





#65

Chlorobenzene

Concen: 96.648 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

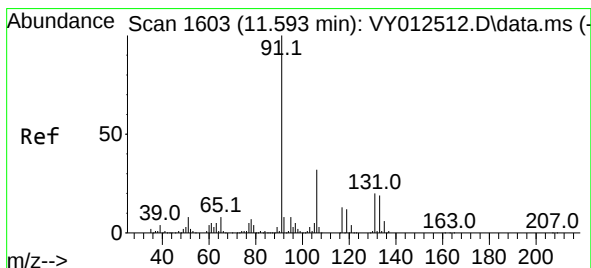
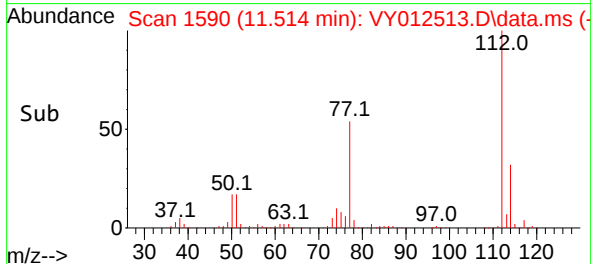
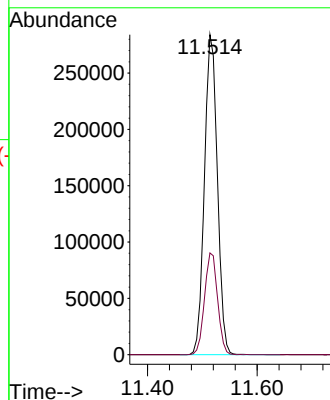
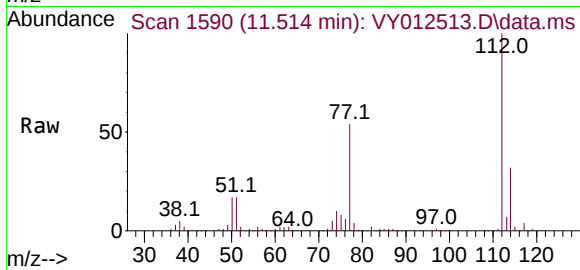
VSTDIC100

Tgt Ion:112 Resp: 464041

Ion Ratio Lower Upper

112 100

114 31.8 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 97.657 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

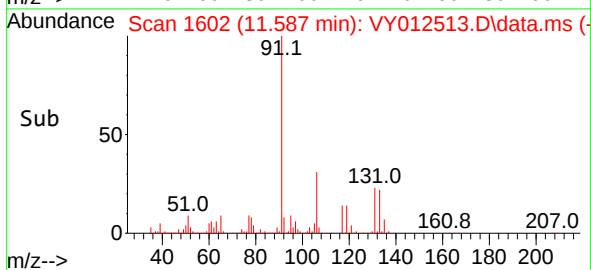
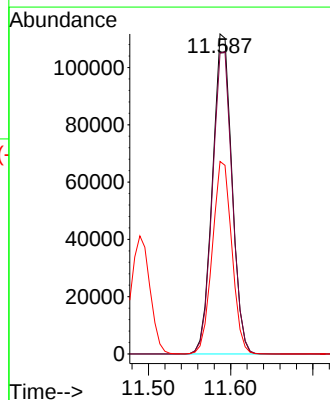
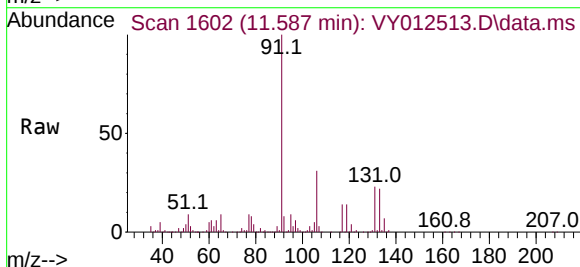
Tgt Ion:131 Resp: 183744

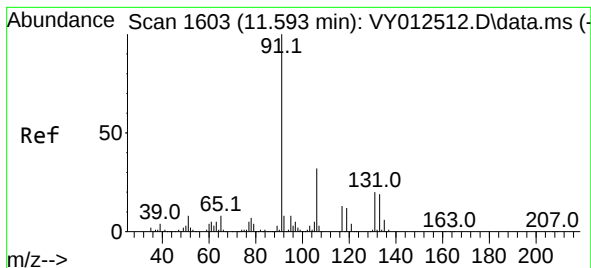
Ion Ratio Lower Upper

131 100

133 95.8 48.5 145.5

119 60.4 30.7 92.1

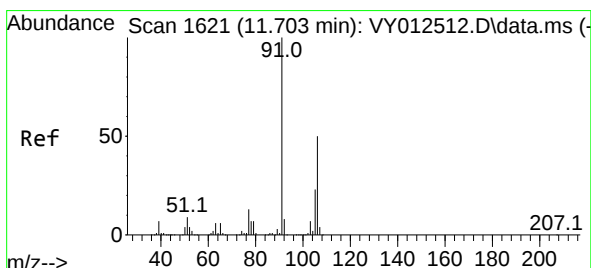
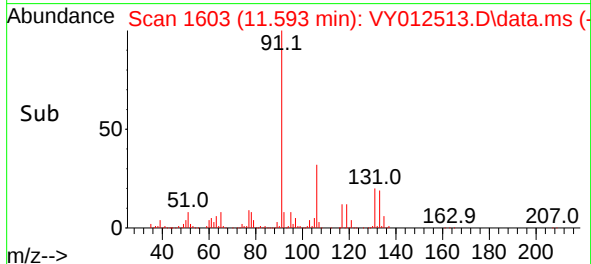
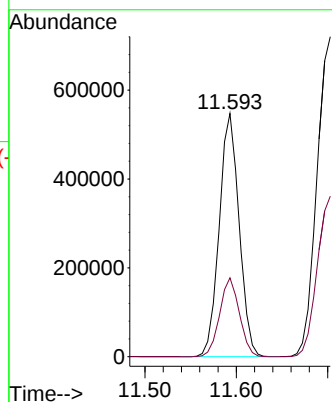
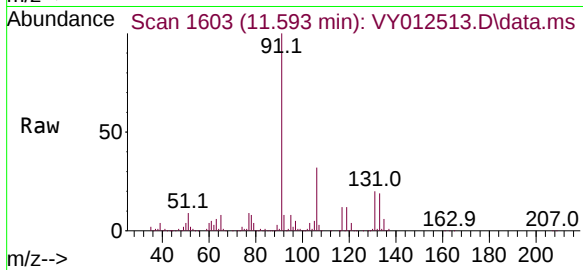




#67
Ethyl Benzene
Concen: 98.211 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

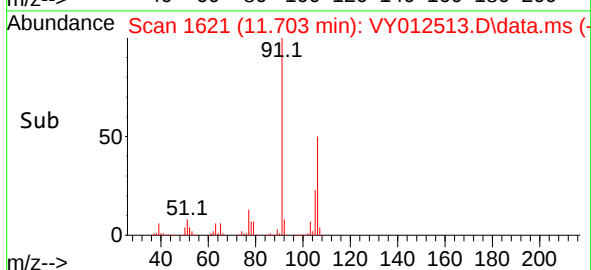
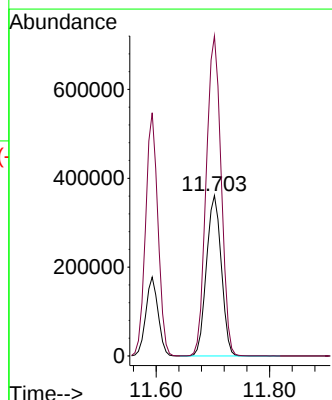
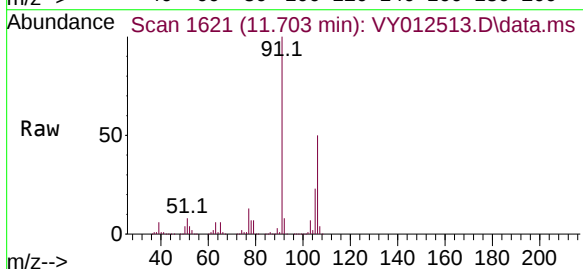
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

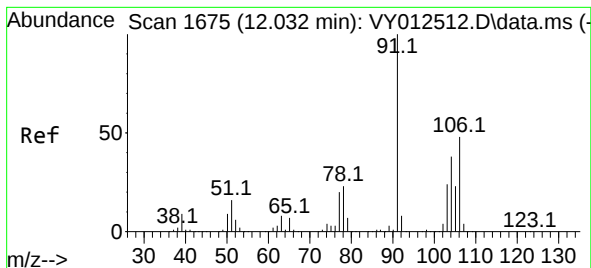
Tgt Ion: 91 Resp: 827845
Ion Ratio Lower Upper
91 100
106 32.4 25.6 38.4



#68
m/p-Xylenes
Concen: 195.135 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

Tgt Ion: 106 Resp: 656555
Ion Ratio Lower Upper
106 100
91 200.2 160.3 240.5





#69

o-Xylene

Concen: 98.259 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

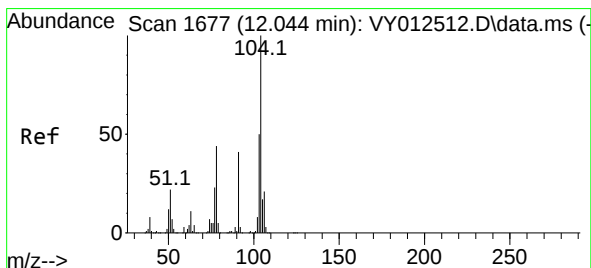
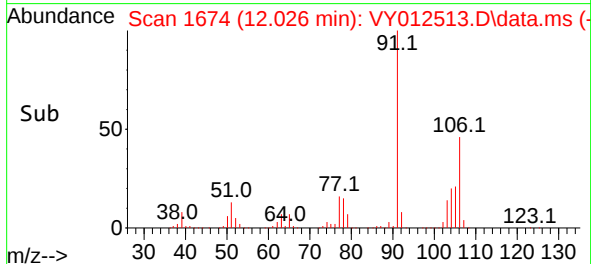
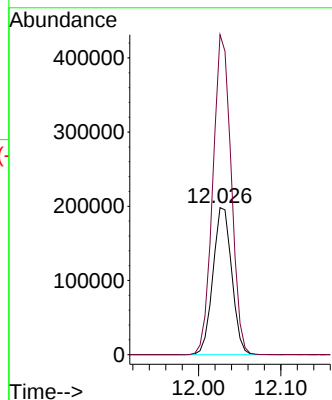
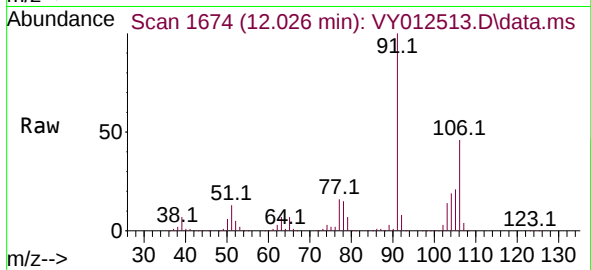
VSTDIC100

Tgt Ion:106 Resp: 314846

Ion Ratio Lower Upper

106 100

91 212.4 104.2 312.5



#70

Styrene

Concen: 99.223 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

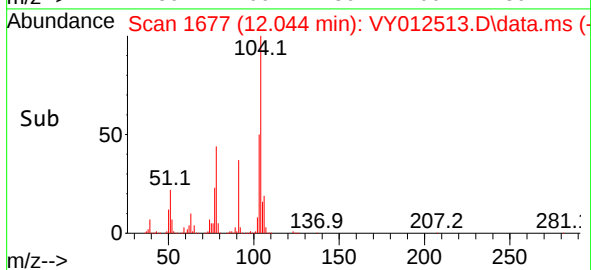
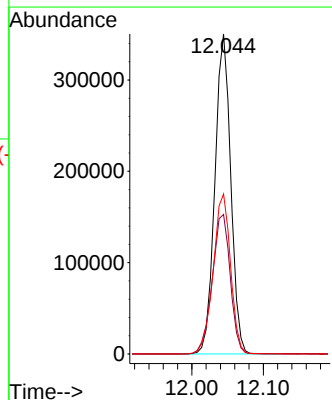
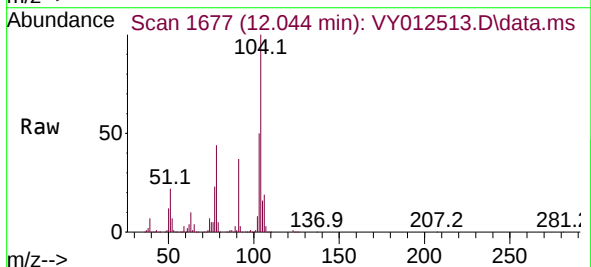
Tgt Ion:104 Resp: 539202

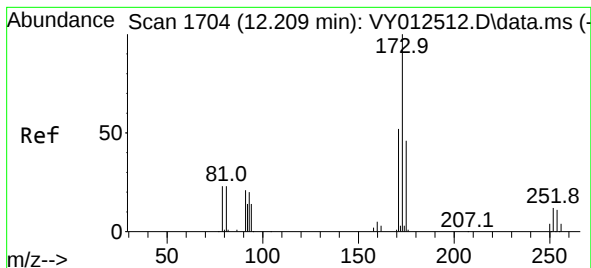
Ion Ratio Lower Upper

104 100

78 49.5 39.4 59.2

103 54.6 43.8 65.8





#71

Bromoform

Concen: 100.413 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

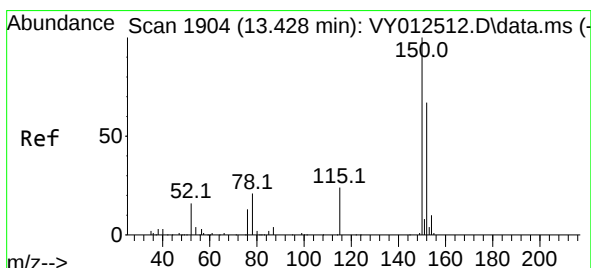
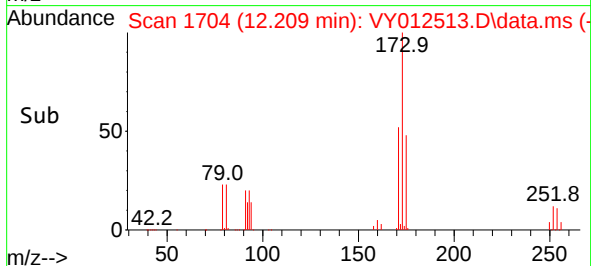
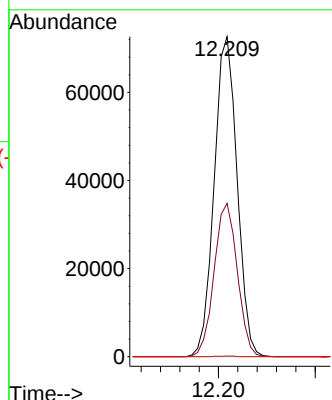
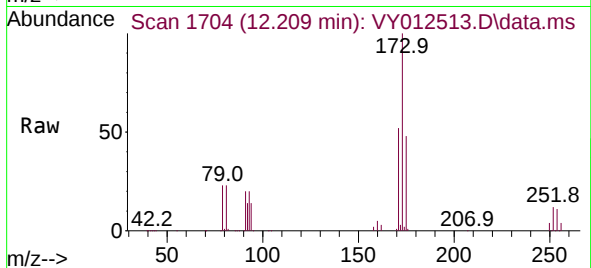
Tgt Ion:173 Resp: 119419

Ion Ratio Lower Upper

173 100

175 48.5 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

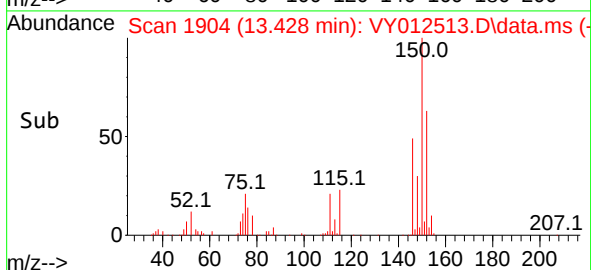
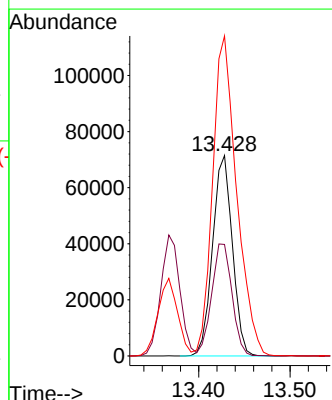
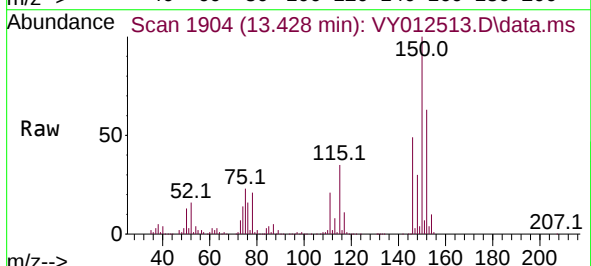
Tgt Ion:152 Resp: 107504

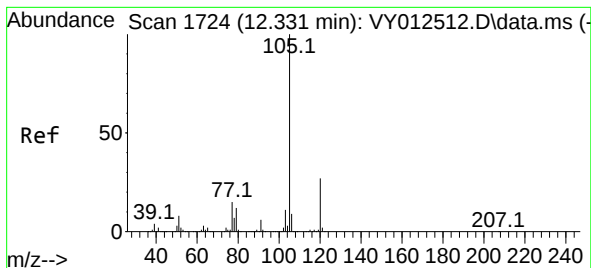
Ion Ratio Lower Upper

152 100

115 57.4 28.1 84.3

150 193.7 0.0 351.0





#73

Isopropylbenzene

Concen: 98.147 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

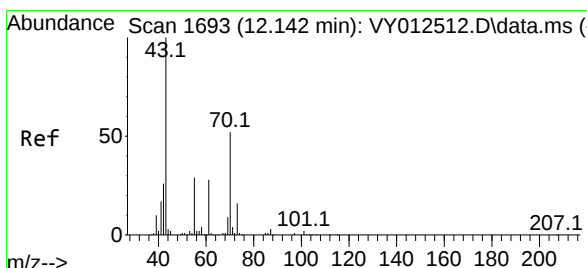
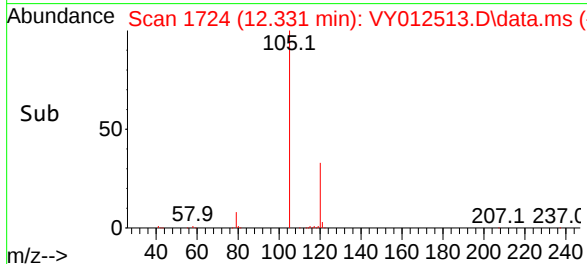
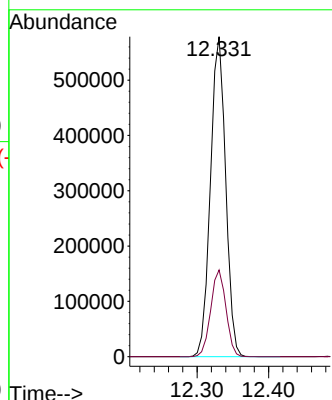
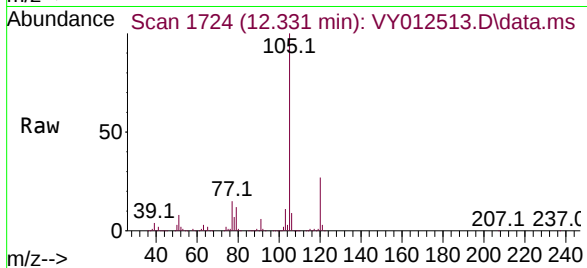
VSTDICC100

Tgt Ion:105 Resp: 853658

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 107.803 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Tgt Ion: 43 Resp: 169732

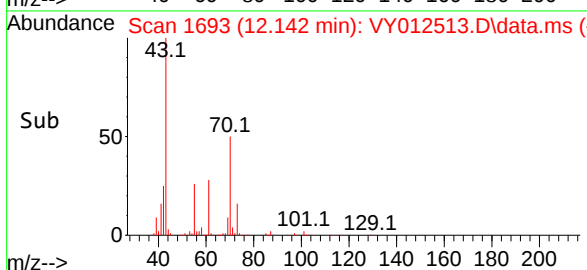
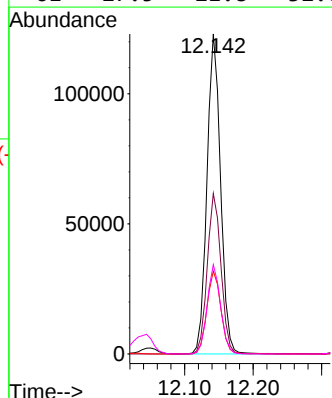
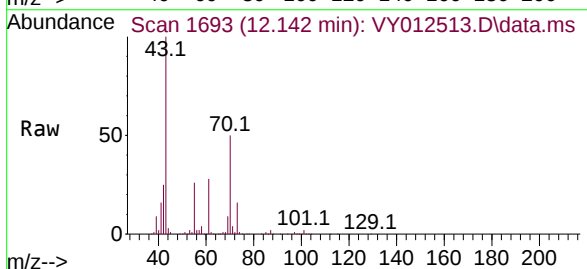
Ion Ratio Lower Upper

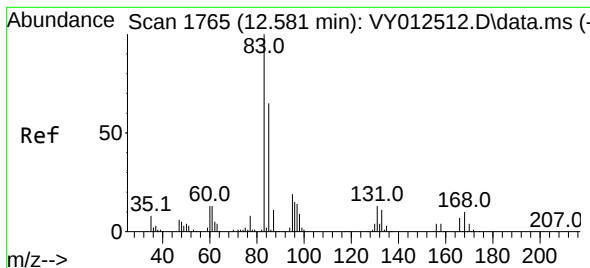
43 100

70 50.6 41.0 61.6

55 26.7 22.9 34.3

61 27.5 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 98.125 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

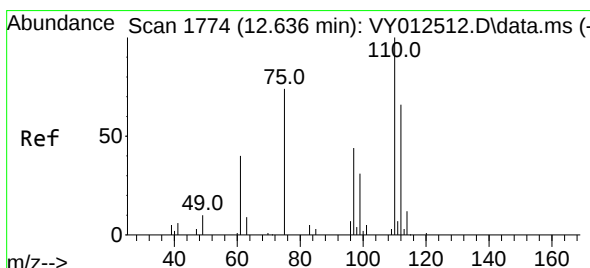
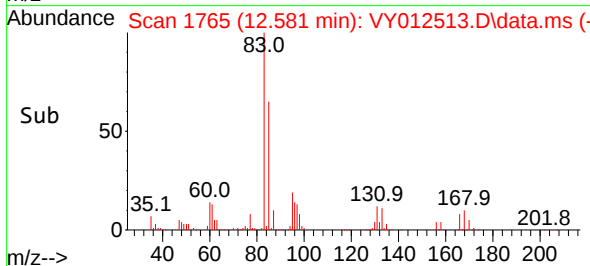
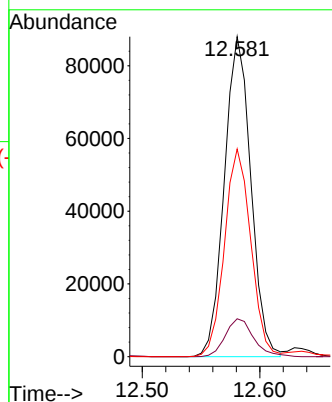
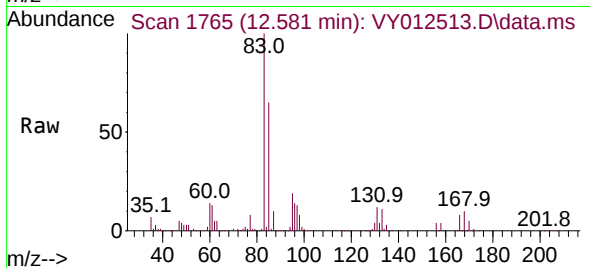
Tgt Ion: 83 Resp: 138001

Ion Ratio Lower Upper

83 100

131 12.6 6.5 19.4

85 64.5 33.0 99.0



#76

1,2,3-Trichloropropane

Concen: 170.148 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012513.D

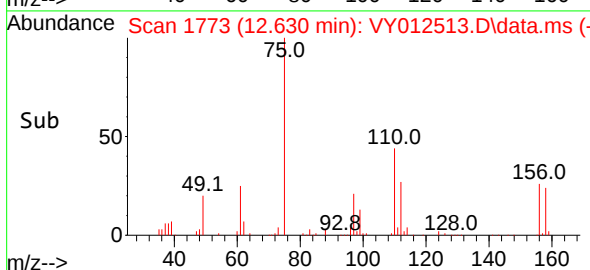
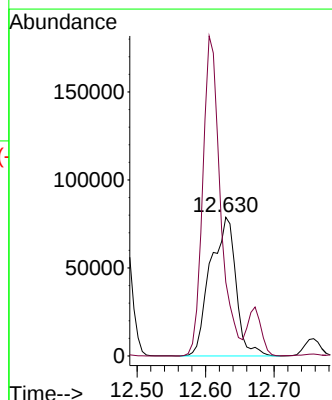
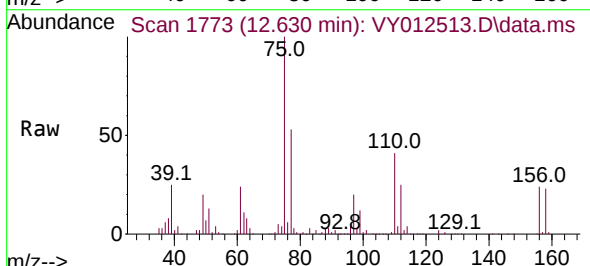
Acq: 07 Feb 2023 11:46

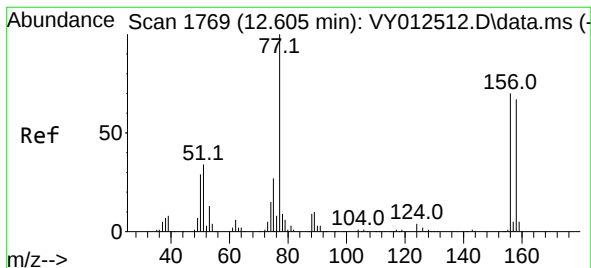
Tgt Ion: 75 Resp: 204865

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 96.426 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

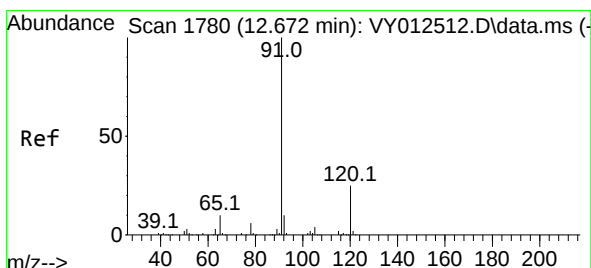
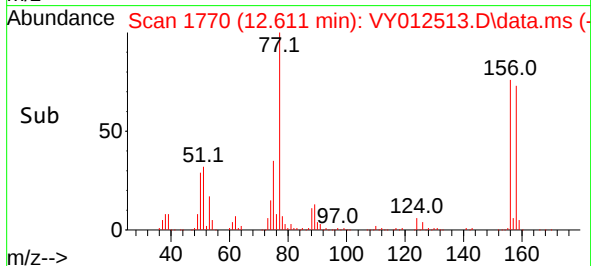
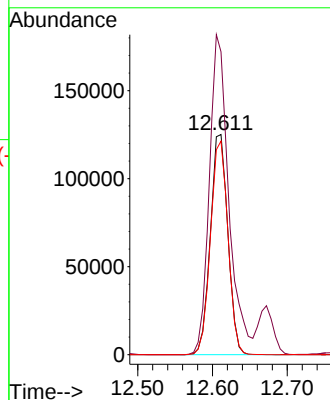
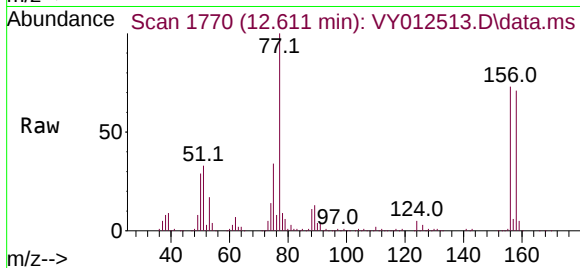
Tgt Ion:156 Resp: 203277

Ion Ratio Lower Upper

156 100

77 161.7 80.6 241.8

158 97.0 49.1 147.3



#78

n-propylbenzene

Concen: 98.251 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012513.D

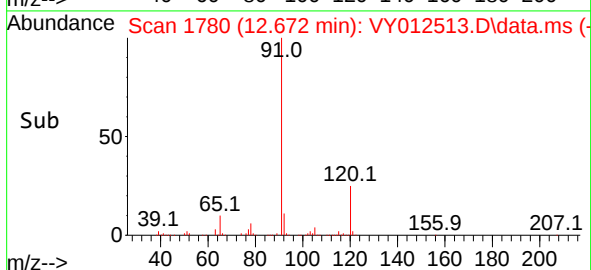
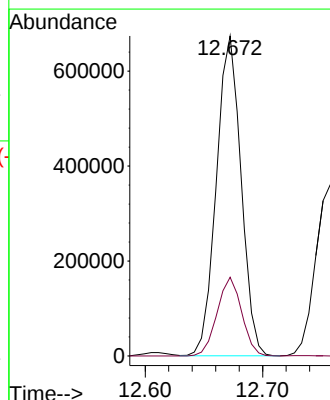
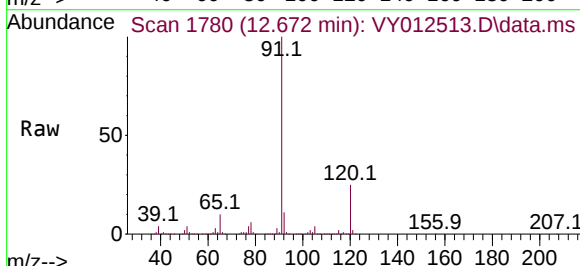
Acq: 07 Feb 2023 11:46

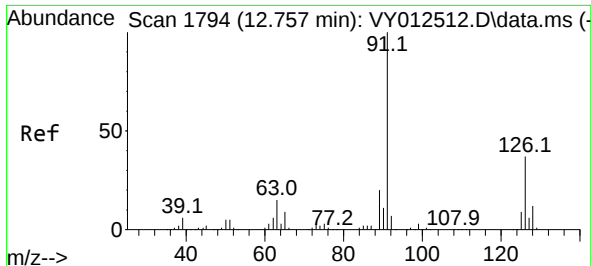
Tgt Ion: 91 Resp: 983594

Ion Ratio Lower Upper

91 100

120 24.4 12.4 37.4

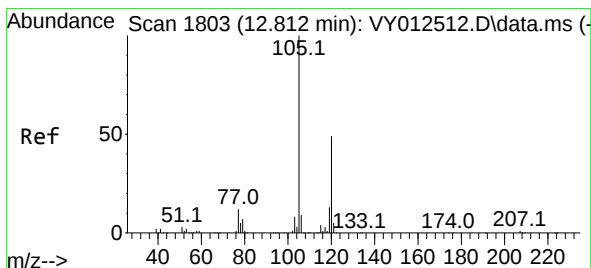
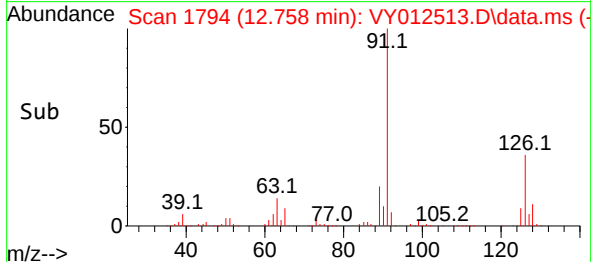
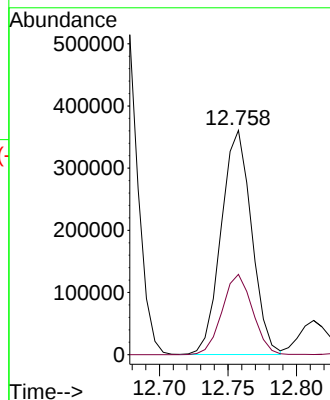
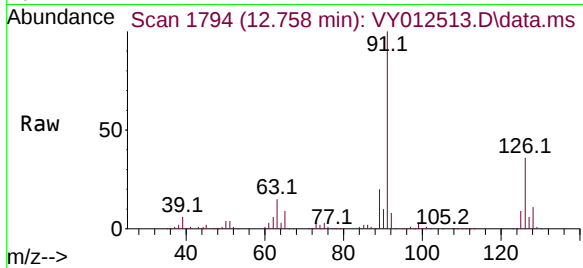




#79
2-Chlorotoluene
Concen: 98.153 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

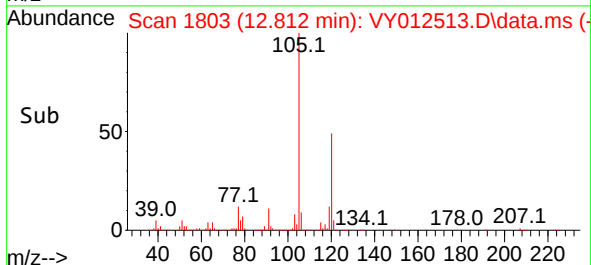
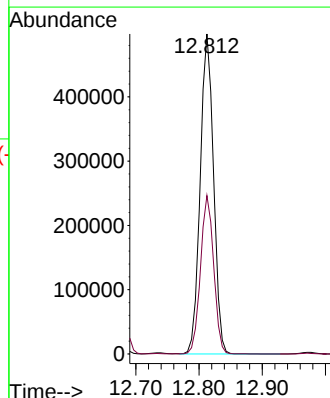
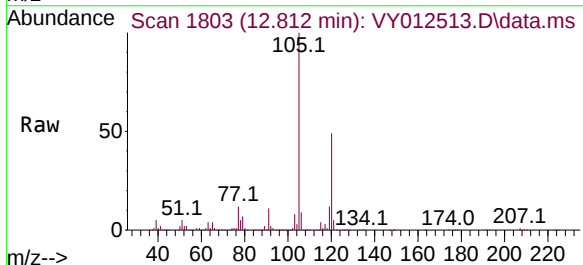
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

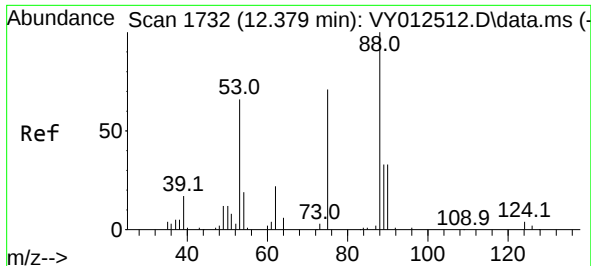
Tgt Ion: 91 Resp: 557812
Ion Ratio Lower Upper
91 100
126 35.8 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 97.780 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

Tgt Ion: 105 Resp: 732114
Ion Ratio Lower Upper
105 100
120 49.0 24.6 74.0

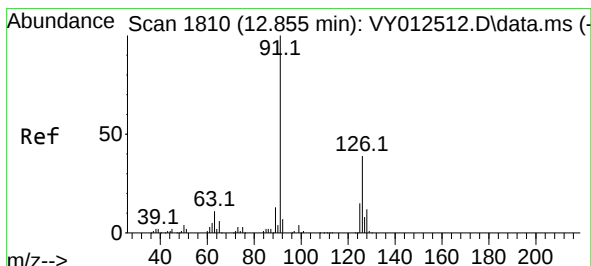
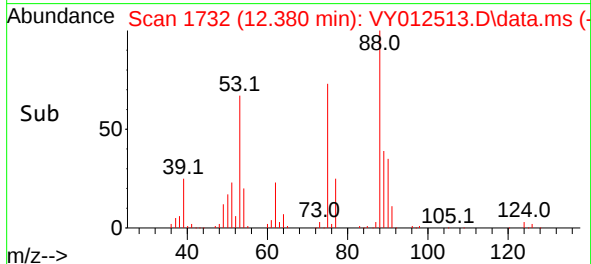
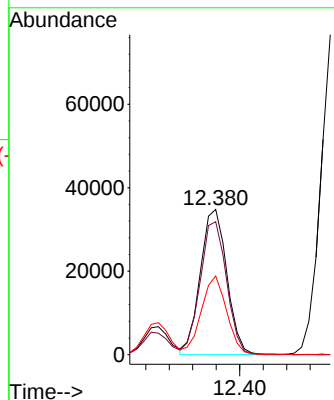
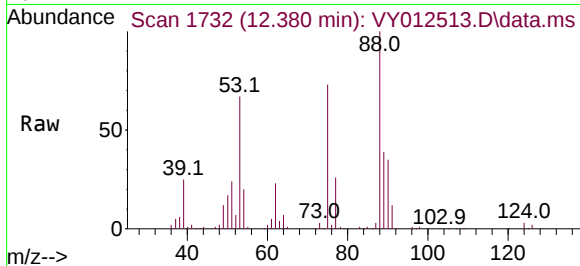




#81
trans-1,4-Dichloro-2-butene
Concen: 102.613 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

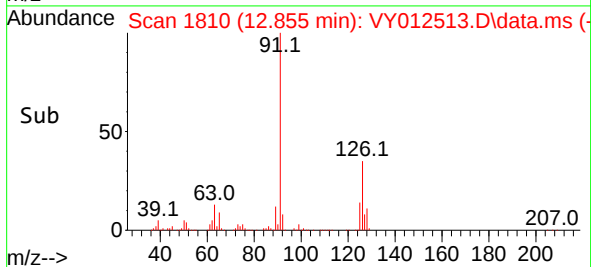
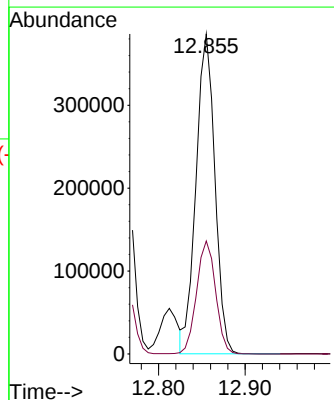
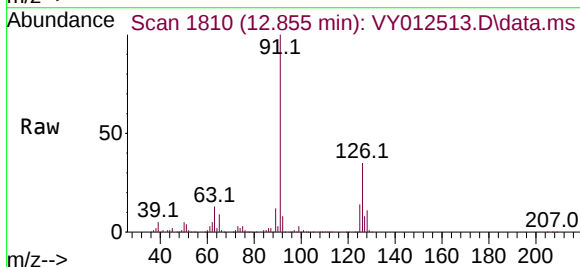
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

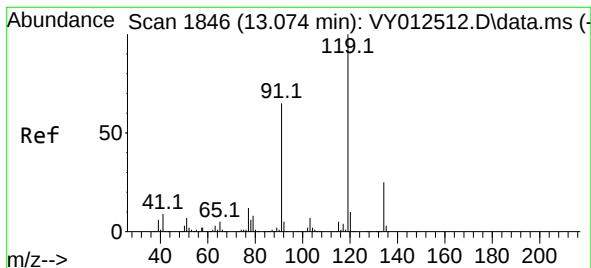
Tgt Ion: 75 Resp: 54653
Ion Ratio Lower Upper
75 100
53 91.4 73.1 109.7
89 51.8 39.9 59.9



#82
4-Chlorotoluene
Concen: 97.767 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

Tgt Ion: 91 Resp: 582846
Ion Ratio Lower Upper
91 100
126 35.7 18.1 54.3





#83

tert-Butylbenzene

Concen: 97.305 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

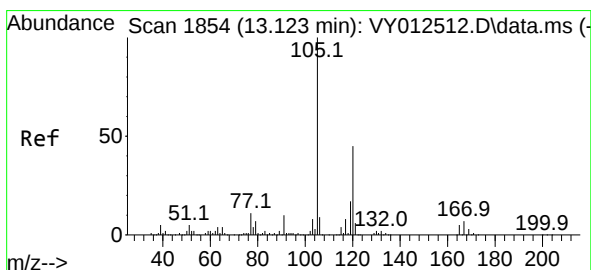
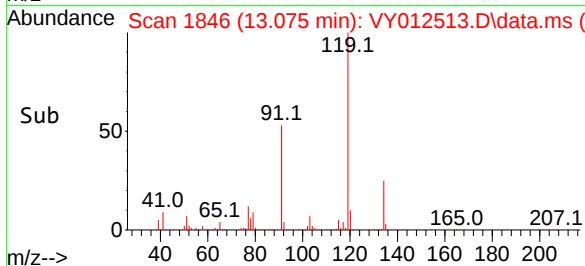
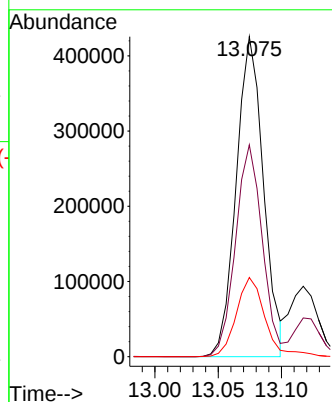
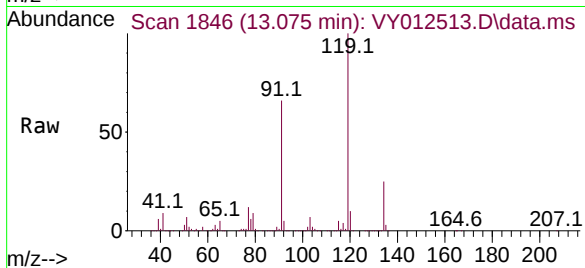
Tgt Ion:119 Resp: 638888

Ion Ratio Lower Upper

119 100

91 64.9 33.0 99.0

134 26.2 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 98.141 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY012513.D

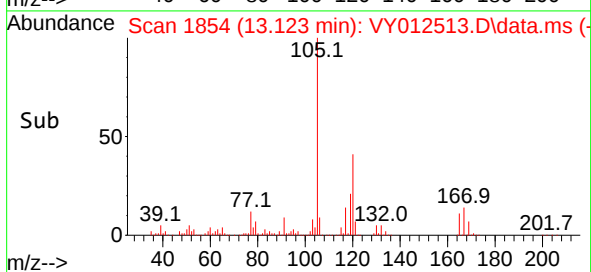
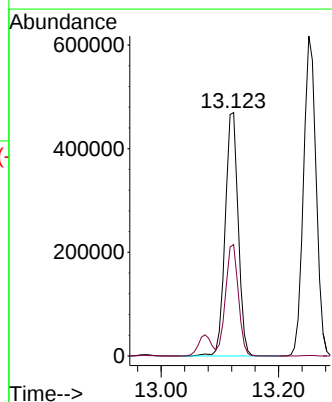
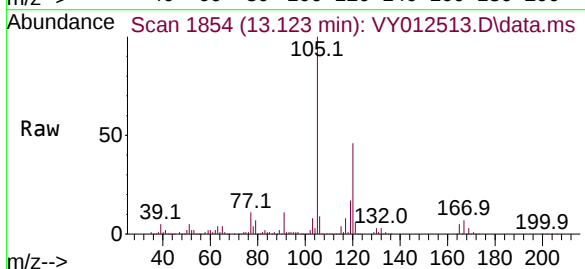
Acq: 07 Feb 2023 11:46

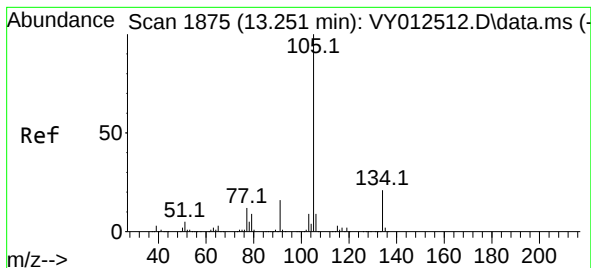
Tgt Ion:105 Resp: 723032

Ion Ratio Lower Upper

105 100

120 45.0 22.8 68.3





#85

sec-Butylbenzene

Concen: 97.563 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

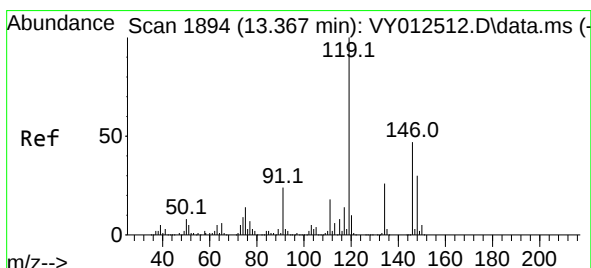
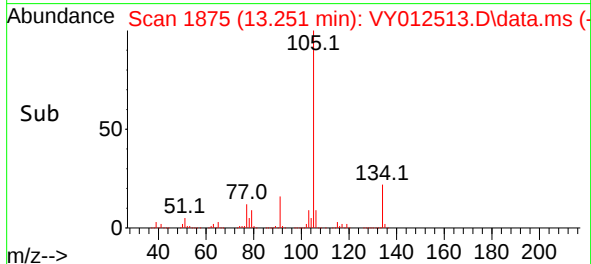
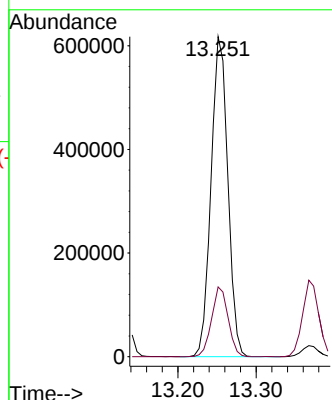
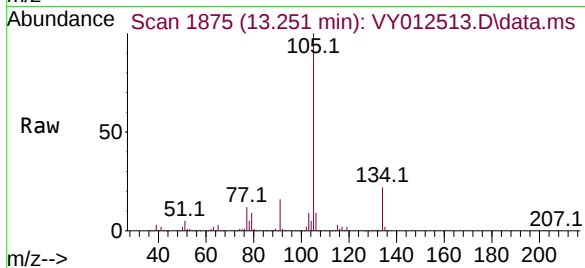
VSTDIC100

Tgt Ion:105 Resp: 916420

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.3



#86

p-Isopropyltoluene

Concen: 98.976 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

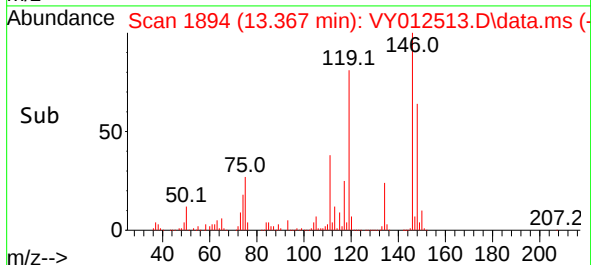
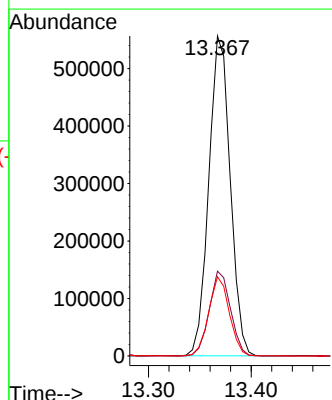
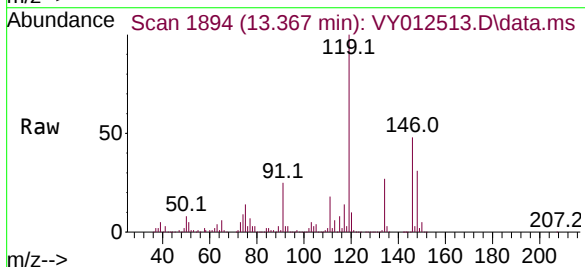
Tgt Ion:119 Resp: 806533

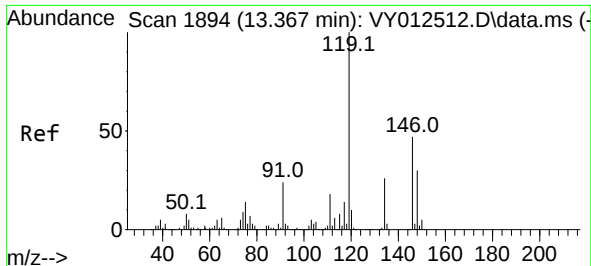
Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.1

91 23.9 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 96.252 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

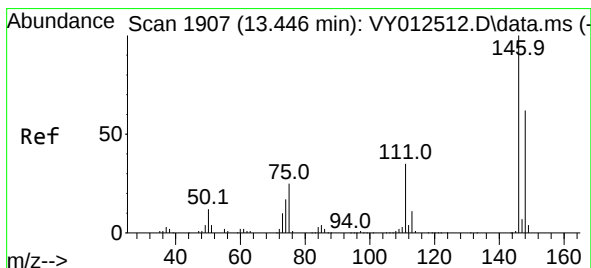
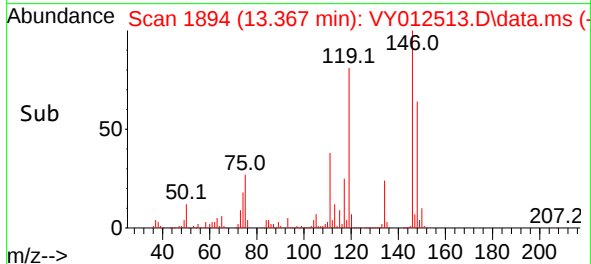
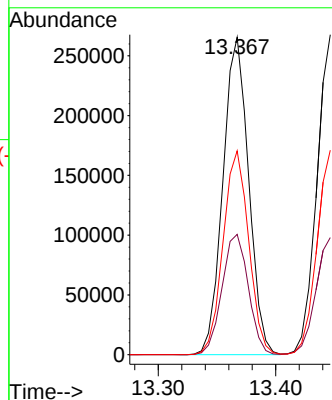
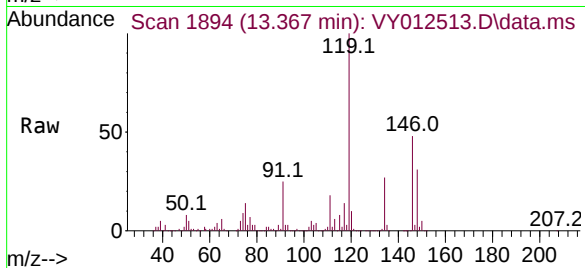
Tgt Ion:146 Resp: 403732

Ion Ratio Lower Upper

146 100

111 38.9 19.3 57.9

148 64.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 95.401 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

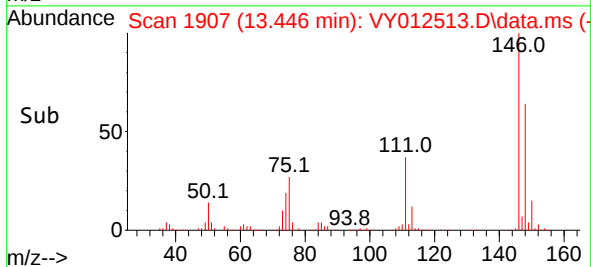
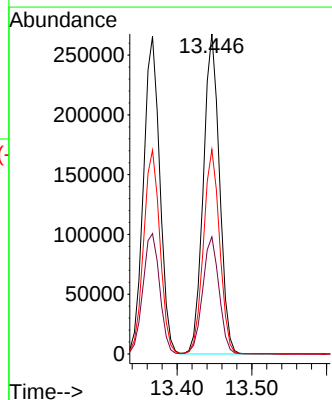
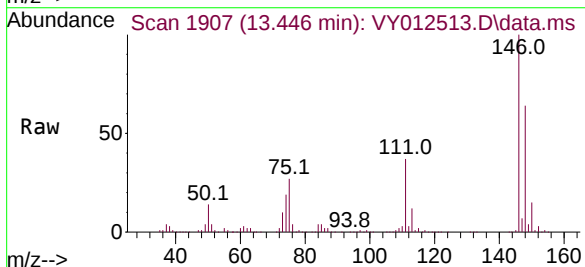
Tgt Ion:146 Resp: 400834

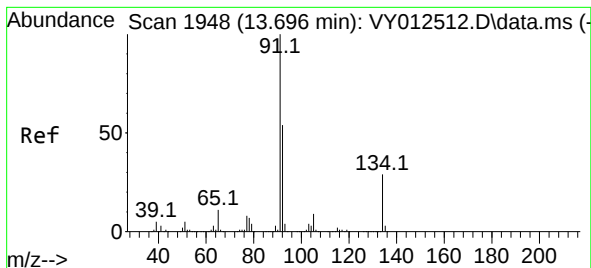
Ion Ratio Lower Upper

146 100

111 37.1 18.4 55.2

148 64.2 31.6 95.0





#89

n-Butylbenzene

Concen: 99.280 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

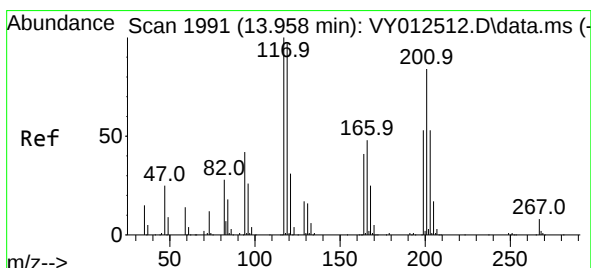
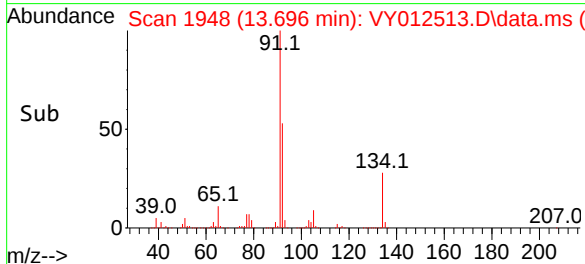
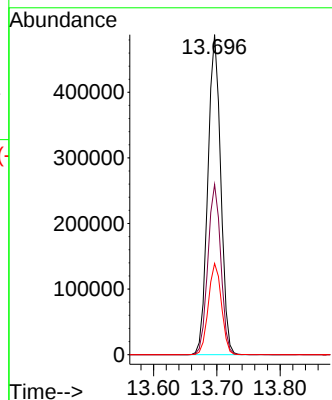
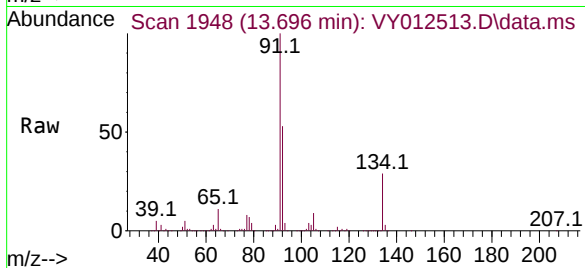
Tgt Ion: 91 Resp: 691422

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.7

134 29.0 14.5 43.5



#90

Hexachloroethane

Concen: 94.761 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY012513.D

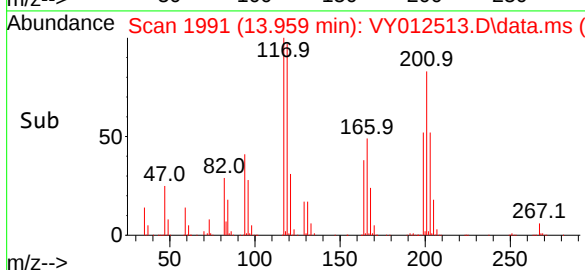
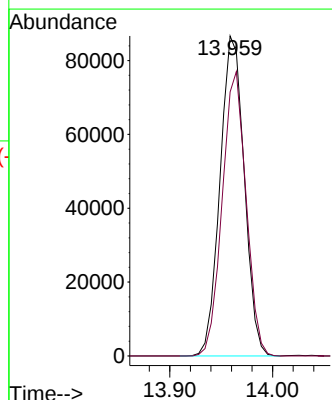
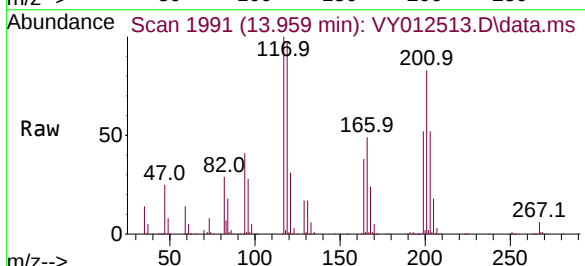
Acq: 07 Feb 2023 11:46

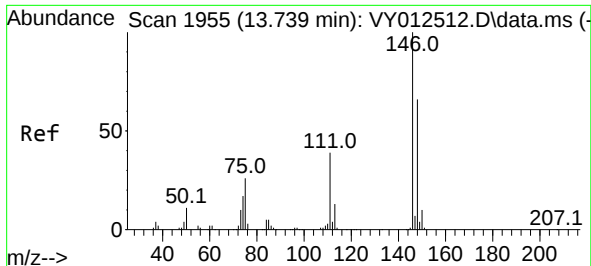
Tgt Ion: 117 Resp: 141734

Ion Ratio Lower Upper

117 100

201 87.4 43.9 131.7

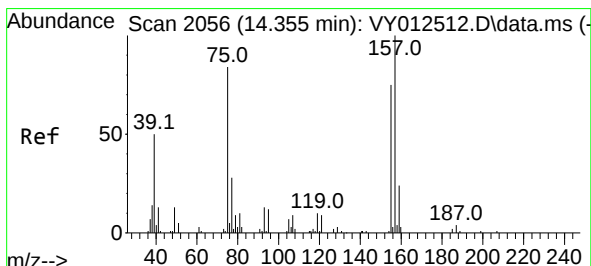
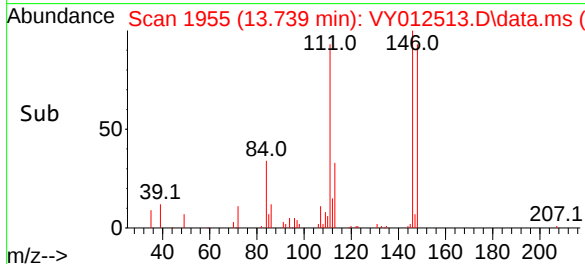
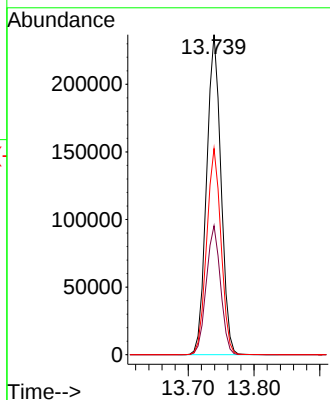
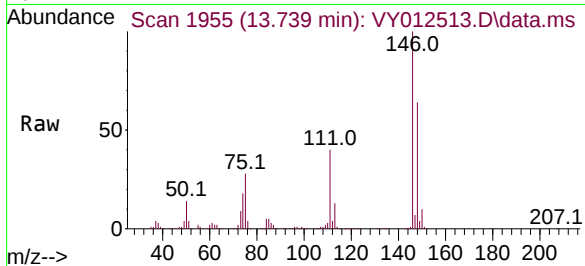




#91
1,2-Dichlorobenzene
Concen: 95.322 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

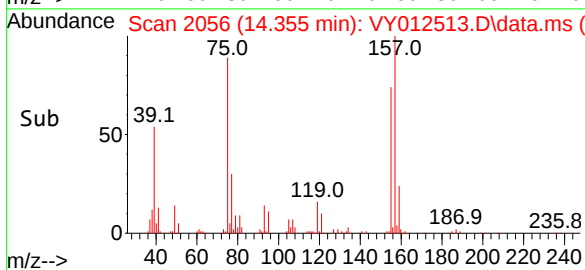
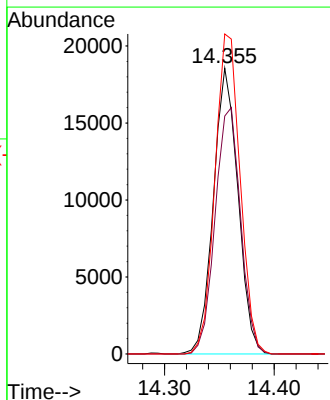
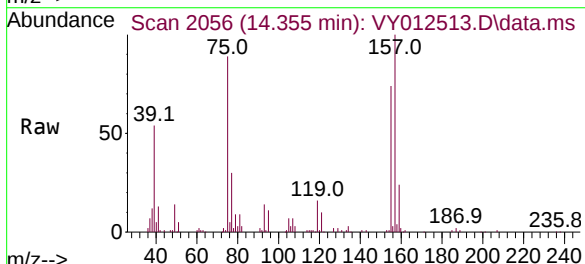
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

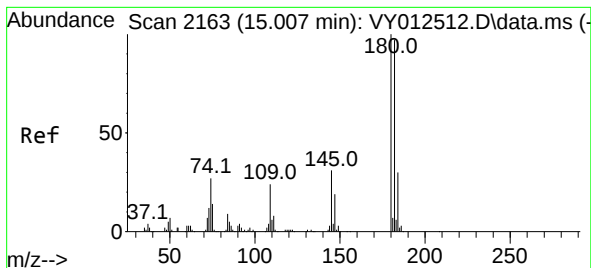
Tgt Ion:146 Resp: 359683
Ion Ratio Lower Upper
146 100
111 40.0 19.7 59.1
148 64.3 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 103.355 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY012513.D
Acq: 07 Feb 2023 11:46

Tgt Ion: 75 Resp: 28926
Ion Ratio Lower Upper
75 100
155 89.3 46.5 139.3
157 114.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 102.015 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

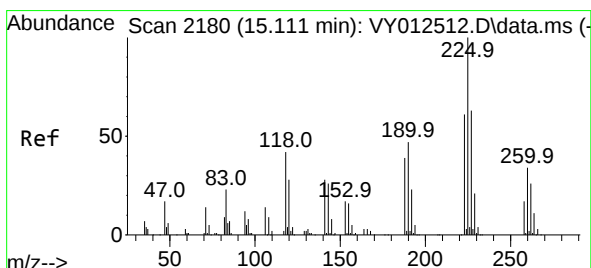
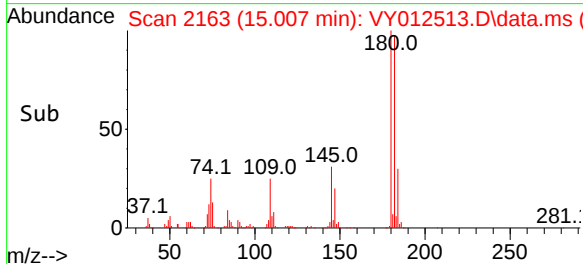
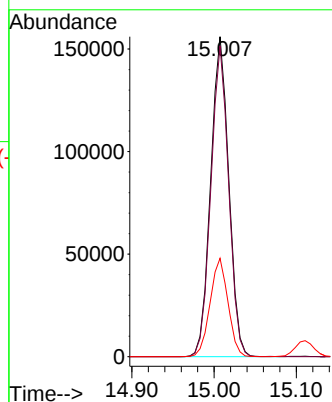
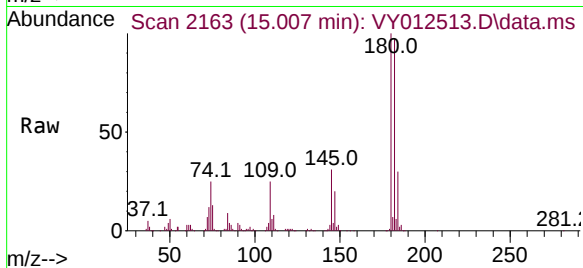
Tgt Ion:180 Resp: 238515

Ion Ratio Lower Upper

180 100

182 95.2 47.7 143.1

145 30.4 15.4 46.4



#94

Hexachlorobutadiene

Concen: 94.336 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

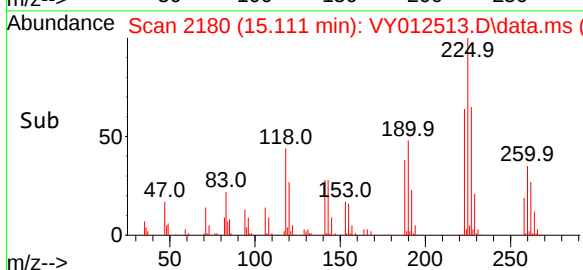
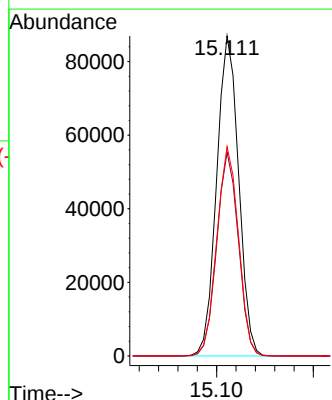
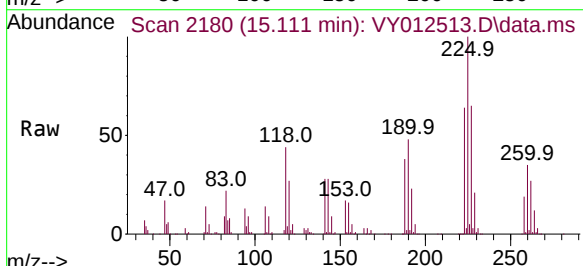
Tgt Ion:225 Resp: 137018

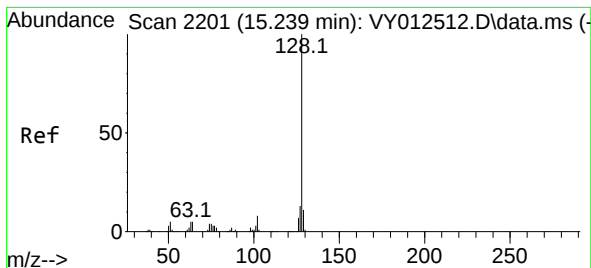
Ion Ratio Lower Upper

225 100

223 62.5 31.1 93.3

227 64.6 31.9 95.5





#95

Naphthalene

Concen: 109.582 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

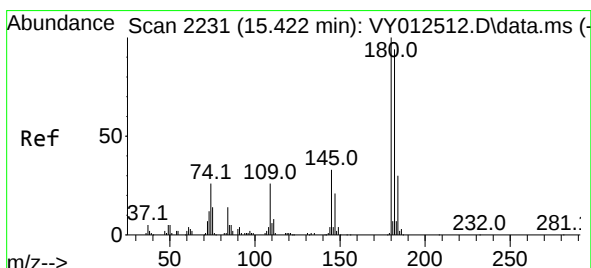
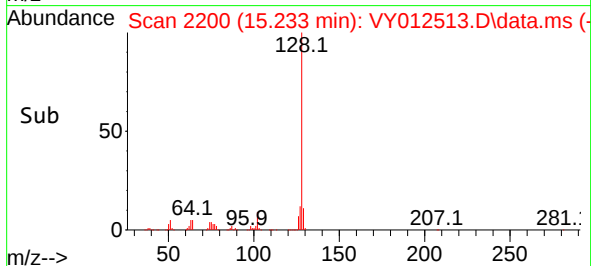
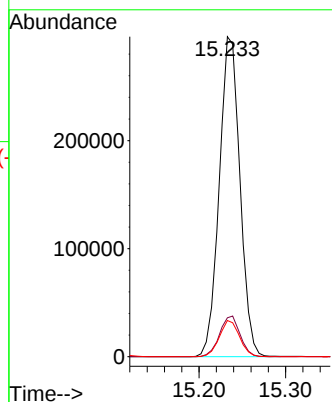
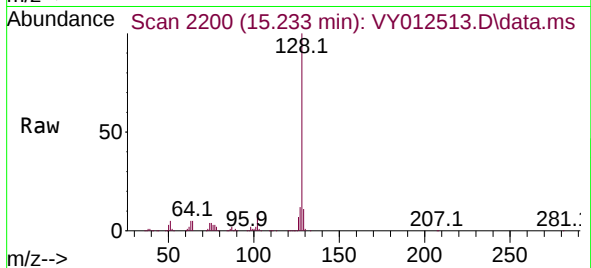
Tgt Ion:128 Resp: 491832

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 102.316 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY012513.D

Acq: 07 Feb 2023 11:46

Tgt Ion:180 Resp: 207067

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.2

145 32.1 16.2 48.6

