

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
 Data File : VY013833.D
 Acq On : 23 May 2023 13:15
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: May 24 05:07:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:01:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	272812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	420050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	362155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165763	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	453587	143.714	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 287.420%#	
35) Dibromofluoromethane	7.722	113	397081	146.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 292.760%#	
50) Toluene-d8	10.185	98	1468204	142.404	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 284.800%#	
62) 4-Bromofluorobenzene	12.483	95	484771	141.453	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 282.900%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	426778	170.784	ug/l	97
3) Chloromethane	2.113	50	501682	164.790	ug/l	100
4) Vinyl Chloride	2.253	62	515411	165.550	ug/l	99
5) Bromomethane	2.650	94	430913	174.173	ug/l	99
6) Chloroethane	2.790	64	353137	174.070	ug/l	100
7) Trichlorofluoromethane	3.125	101	824198	157.297	ug/l	98
8) Diethyl Ether	3.534	74	254968	158.646	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	444820	156.601	ug/l	99
10) Methyl Iodide	4.095	142	602765	178.747	ug/l	99
11) Tert butyl alcohol	4.991	59	202690	838.331	ug/l	98
12) 1,1-Dichloroethene	3.875	96	436988	163.755	ug/l	93
13) Acrolein	3.735	56	266220	731.997	ug/l	98
14) Allyl chloride	4.485	41	824325	169.202	ug/l	99
15) Acrylonitrile	5.168	53	694456	842.754	ug/l	99
16) Acetone	3.954	43	747707	798.195	ug/l	100
17) Carbon Disulfide	4.198	76	1397723	175.472	ug/l	99
18) Methyl Acetate	4.479	43	535676	164.832	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	1228278	168.661	ug/l	99
20) Methylene Chloride	4.723	84	480195	149.637	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	476840	164.381	ug/l	98
22) Diisopropyl ether	6.125	45	1582482	168.235	ug/l	97
23) Vinyl Acetate	6.064	43	4884360	891.525	ug/l	99
24) 1,1-Dichloroethane	6.021	63	890772	162.212	ug/l	99
25) 2-Butanone	6.990	43	1014256	887.323	ug/l	97
26) 2,2-Dichloropropane	6.984	77	804443	162.630	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	535324	164.275	ug/l	97
28) Bromochloromethane	7.338	49	230891	143.248	ug/l	96
29) Tetrahydrofuran	7.356	42	611112	895.462	ug/l	100
30) Chloroform	7.509	83	877653	157.641	ug/l	98
31) Cyclohexane	7.789	56	787430	162.383	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	806836	158.857	ug/l	99
36) 1,1-Dichloropropene	7.923	75	674927	163.349	ug/l	99
37) Ethyl Acetate	7.076	43	435306	172.717	ug/l	98
38) Carbon Tetrachloride	7.905	117	734011	156.212	ug/l	99
39) Methylcyclohexane	9.185	83	833859	172.328	ug/l	98
40) Benzene	8.167	78	1891121	159.355	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	229268	166.723	ug/l	93
42) 1,2-Dichloroethane	8.240	62	599213	154.215	ug/l	99
43) Isopropyl Acetate	8.277	43	786888	171.332	ug/l	100
44) Trichloroethene	8.941	130	501730	156.926	ug/l	97
45) 1,2-Dichloropropane	9.222	63	481243	158.298	ug/l	97
46) Dibromomethane	9.307	93	276671	158.906	ug/l	98
47) Bromodichloromethane	9.496	83	656937	154.826	ug/l	100
48) Methyl methacrylate	9.295	41	383681	177.905	ug/l	99
49) 1,4-Dioxane	9.313	88	69602	3401.477	ug/l #	96
51) 4-Methyl-2-Pentanone	10.069	43	2063345	843.019	ug/l	99
52) Toluene	10.246	92	1145554	158.318	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	704175	163.038	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	780719	161.352	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	360303	153.820	ug/l	98
56) Ethyl methacrylate	10.508	69	539848	172.653	ug/l	98
57) 1,3-Dichloropropane	10.789	76	626001	156.922	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	741213	742.931	ug/l	99
59) 2-Hexanone	10.831	43	1472572	845.824	ug/l	100
60) Dibromochloromethane	10.984	129	454276	153.315	ug/l	100
61) 1,2-Dibromoethane	11.093	107	357158	160.284	ug/l	99
64) Tetrachloroethene	10.721	164	422407	157.639	ug/l	97
65) Chlorobenzene	11.514	112	1181614	155.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	452136	154.337	ug/l	99
67) Ethyl Benzene	11.593	91	2240841	164.052	ug/l	99
68) m/p-Xylenes	11.703	106	1675480	324.125	ug/l	100
69) o-Xylene	12.026	106	794538	163.175	ug/l	99
70) Styrene	12.044	104	1334362	161.779	ug/l	99
71) Bromoform	12.209	173	298674	155.989	ug/l #	97
73) Isopropylbenzene	12.331	105	2084757	168.976	ug/l	100
74) N-amyl acetate	12.142	43	666805	179.763	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	418954	164.038	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	569844	291.545	ug/l #	100
77) Bromobenzene	12.611	156	485985	160.536	ug/l	97
78) n-propylbenzene	12.672	91	2531017	166.056	ug/l	100
79) 2-Chlorotoluene	12.758	91	1395153	163.871	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	1671497	164.128	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	157048	174.413	ug/l	98
82) 4-Chlorotoluene	12.855	91	1442560	163.934	ug/l	97
83) tert-Butylbenzene	13.075	119	1462398	164.872	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	1656697	165.723	ug/l	99
85) sec-Butylbenzene	13.252	105	2158617	163.830	ug/l	99
86) p-Isopropyltoluene	13.367	119	1789491	164.322	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	922126	157.711	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	902347	155.014	ug/l	99
89) n-Butylbenzene	13.697	91	1739466	166.563	ug/l	99
90) Hexachloroethane	13.959	117	355852	159.150	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	814161	156.682	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	74432	166.344	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	545975	169.486	ug/l	99
94) Hexachlorobutadiene	15.111	225	314805	154.990	ug/l	99
95) Naphthalene	15.233	128	1158755	153.439	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	485759	169.565	ug/l	99

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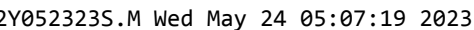
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

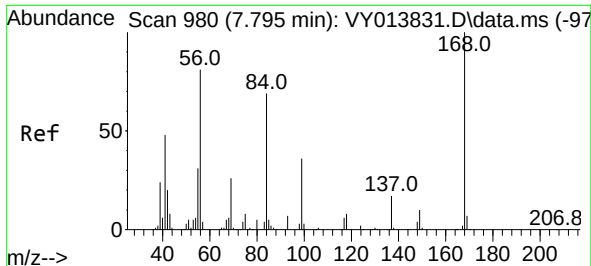
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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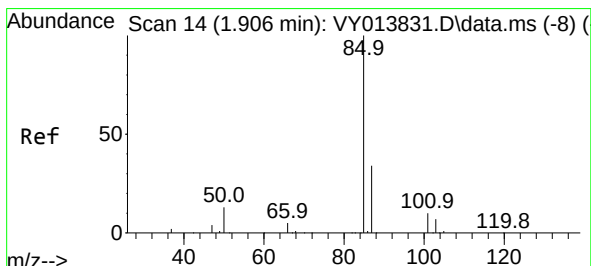
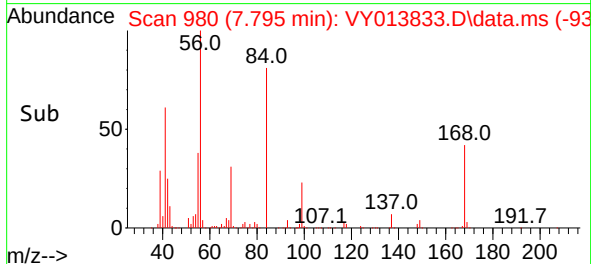
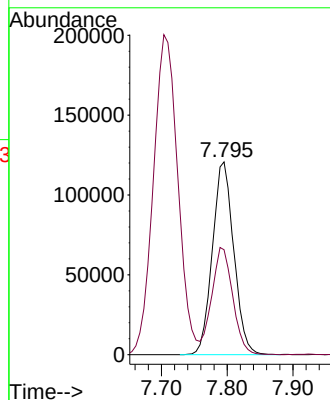
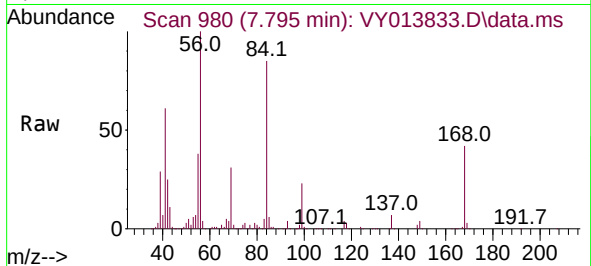




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
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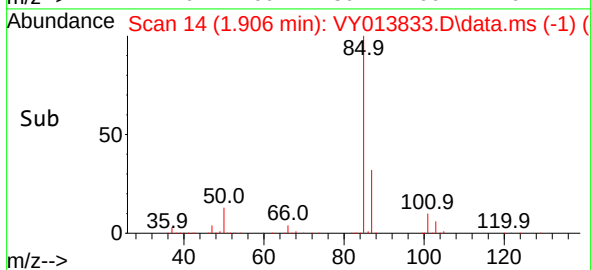
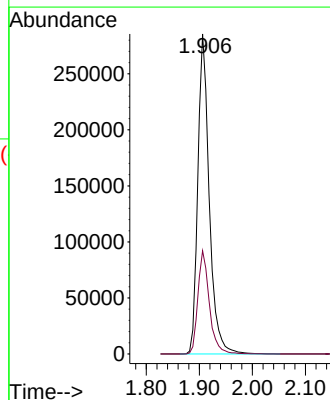
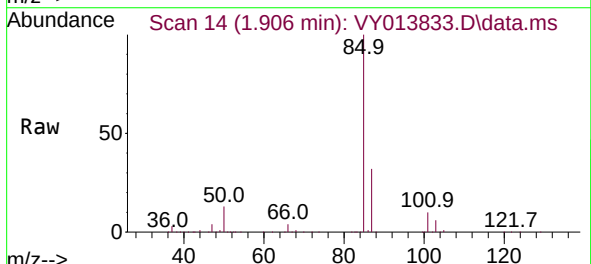
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

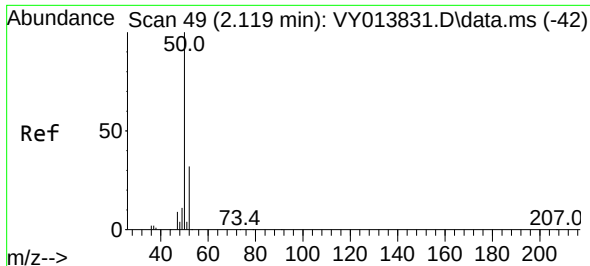
Tgt Ion:168 Resp: 272812
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.2



#2
Dichlorodifluoromethane
Concen: 170.784 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion: 85 Resp: 426778
Ion Ratio Lower Upper
85 100
87 32.3 16.9 50.7

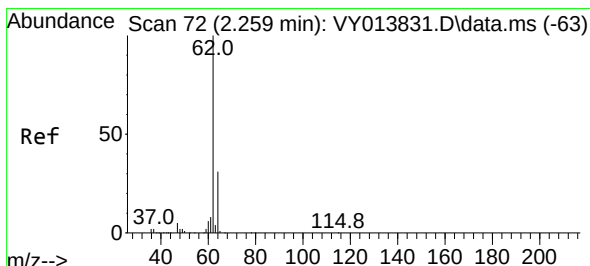
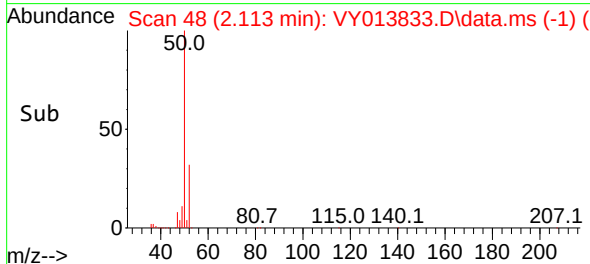
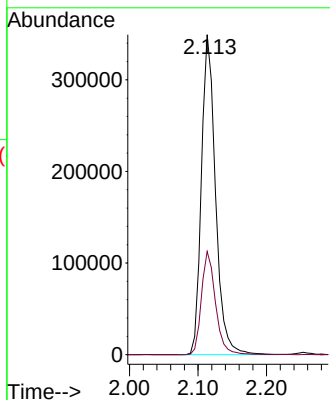
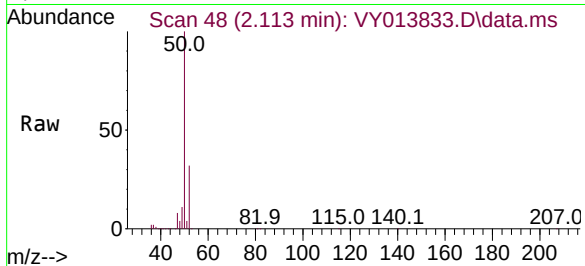




#3
Chloromethane
Concen: 164.790 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

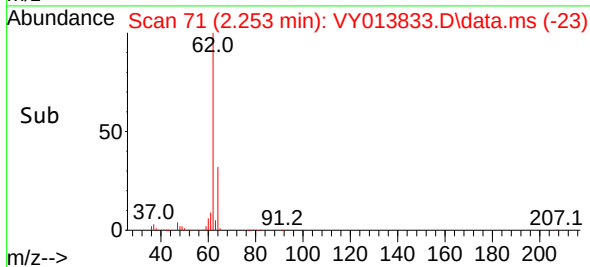
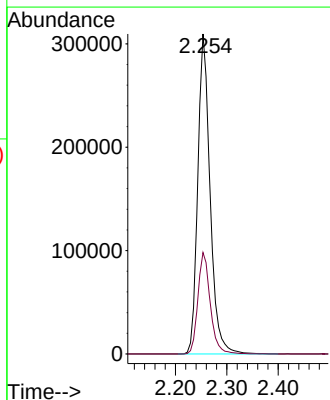
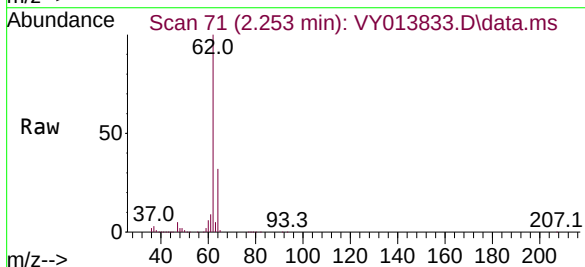
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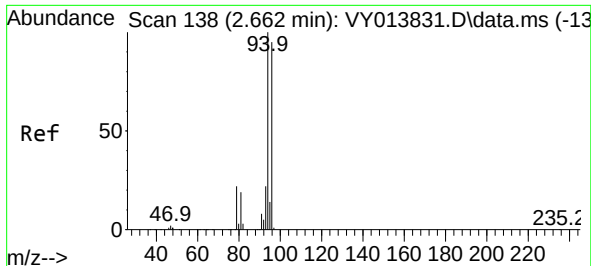
Tgt Ion: 50 Resp: 501682
Ion Ratio Lower Upper
50 100
52 32.3 25.7 38.5



#4
Vinyl Chloride
Concen: 165.550 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion: 62 Resp: 515411
Ion Ratio Lower Upper
62 100
64 31.7 24.8 37.2

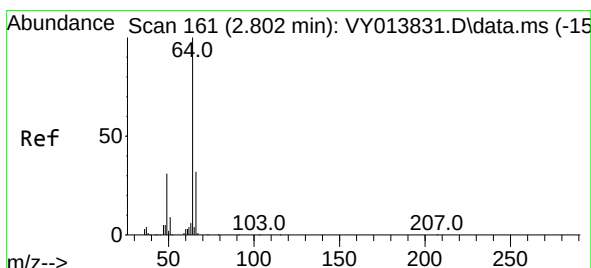
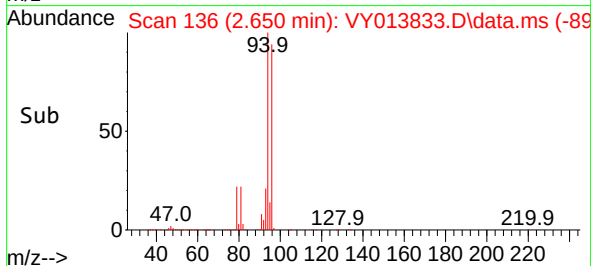
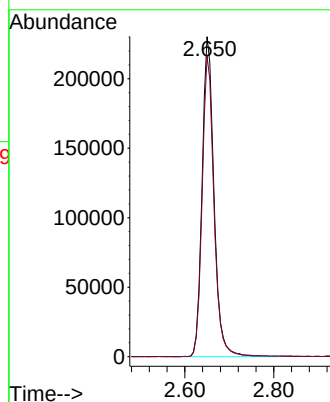
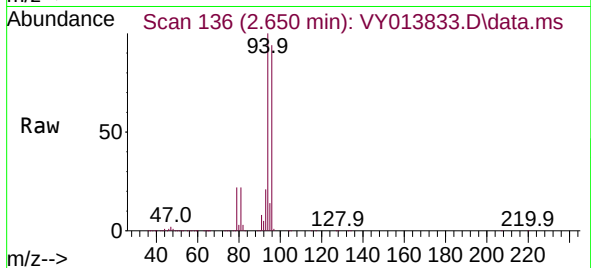




#5
Bromomethane
Concen: 174.173 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

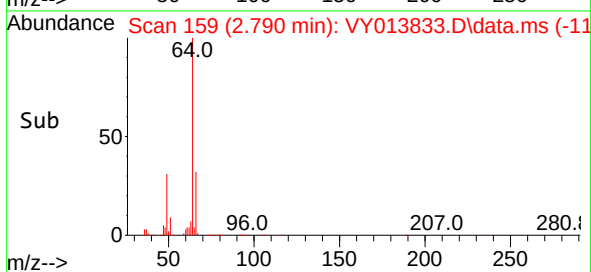
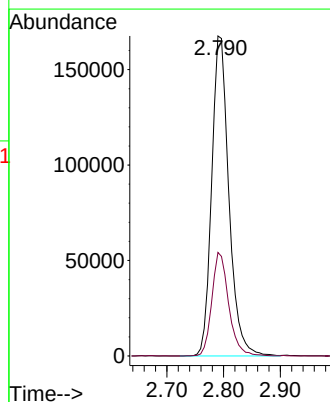
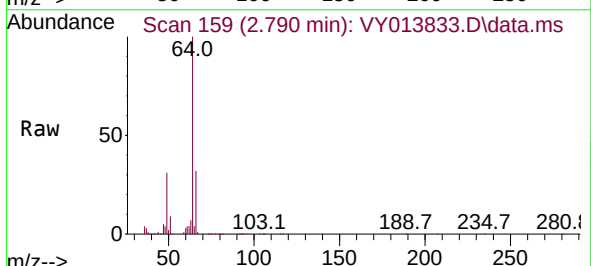
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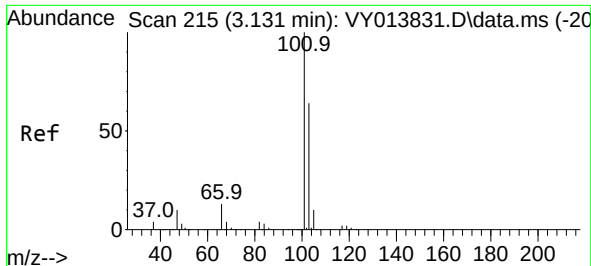
Tgt Ion: 94 Resp: 430913
Ion Ratio Lower Upper
94 100
96 94.1 76.2 114.2



#6
Chloroethane
Concen: 174.070 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.012 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion: 64 Resp: 353137
Ion Ratio Lower Upper
64 100
66 32.4 25.7 38.5

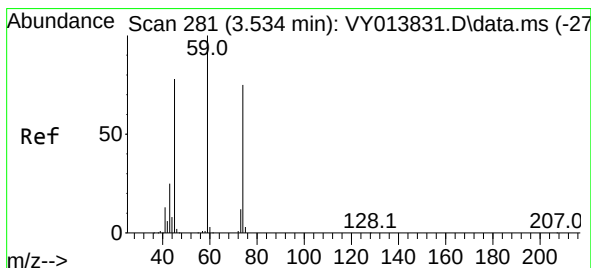
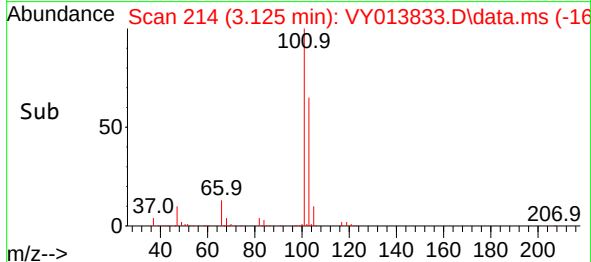
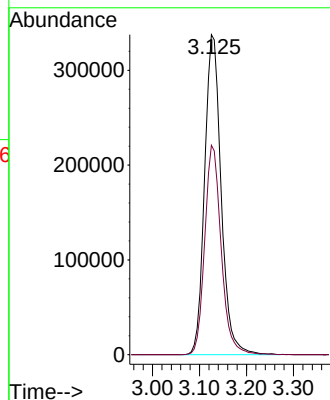
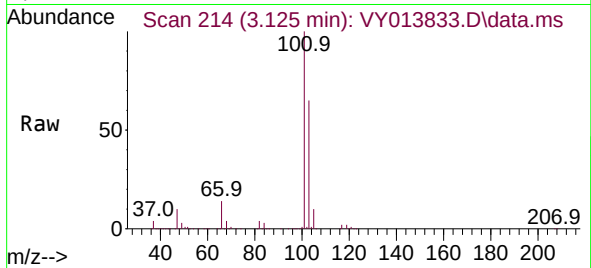




#7
 Trichlorofluoromethane
 Concen: 157.297 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY013833.D
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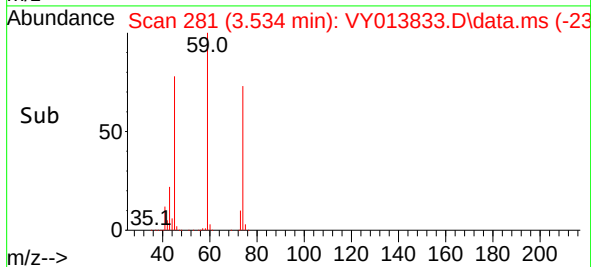
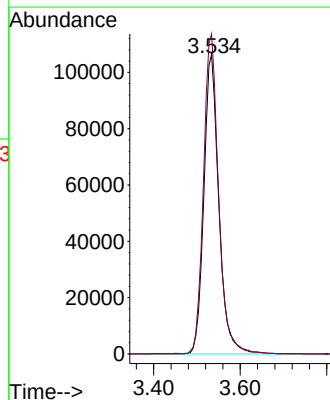
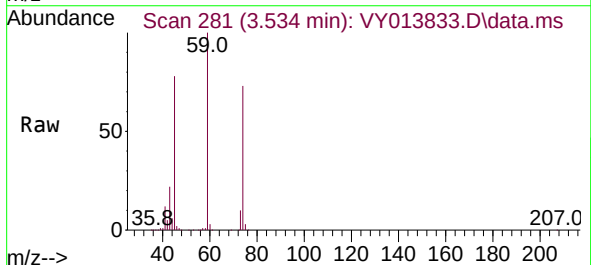
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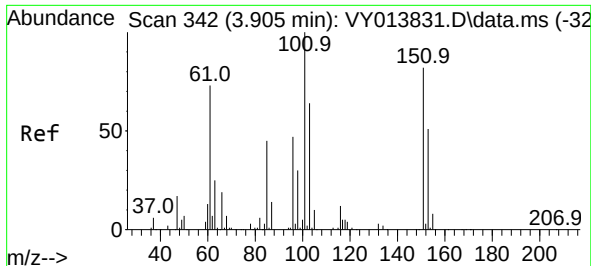
Tgt Ion:101 Resp: 824198
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.3 76.9



#8
 Diethyl Ether
 Concen: 158.646 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY013833.D
 Acq: 23 May 2023 13:15

Tgt Ion: 74 Resp: 254968
 Ion Ratio Lower Upper
 74 100
 45 108.4 51.8 155.5

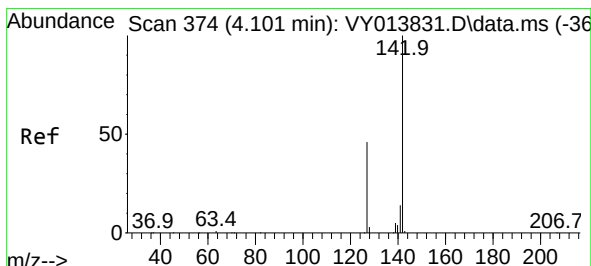
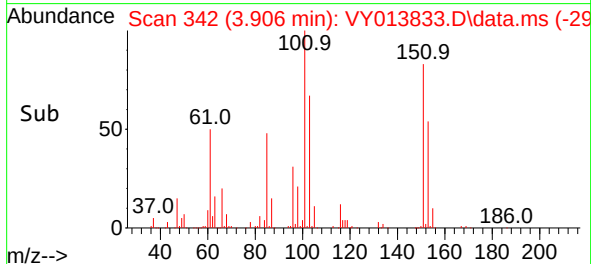
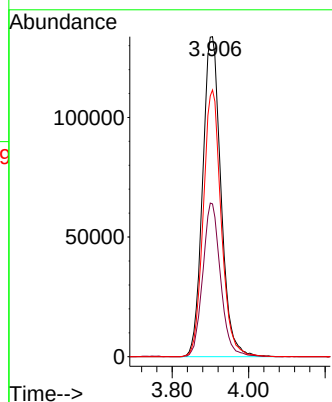
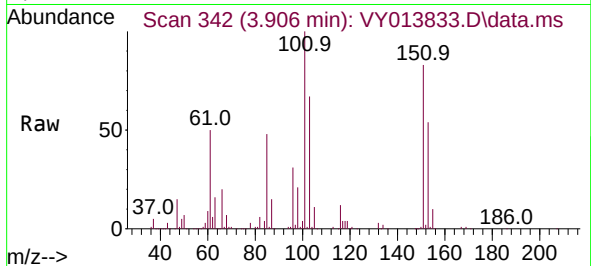




#9
1,1,2-Trichlorotrifluoroethane
Concen: 156.601 ug/l
RT: 3.906 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

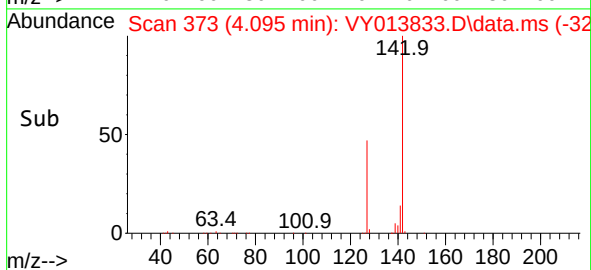
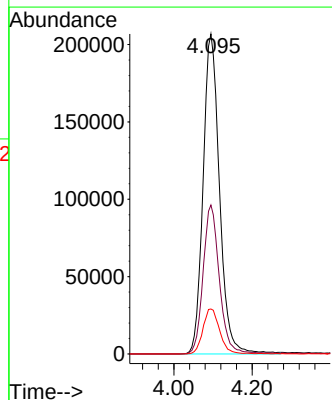
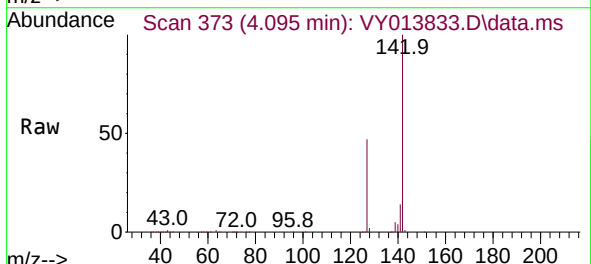
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

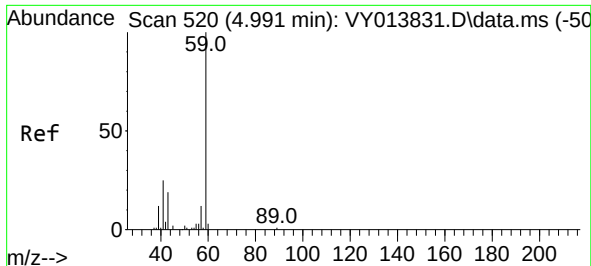
Tgt Ion:101 Resp: 444820
Ion Ratio Lower Upper
101 100
85 46.6 37.4 56.2
151 81.7 66.6 100.0



#10
Methyl Iodide
Concen: 178.747 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion:142 Resp: 602765
Ion Ratio Lower Upper
142 100
127 45.9 37.0 55.4
141 14.3 11.8 17.6

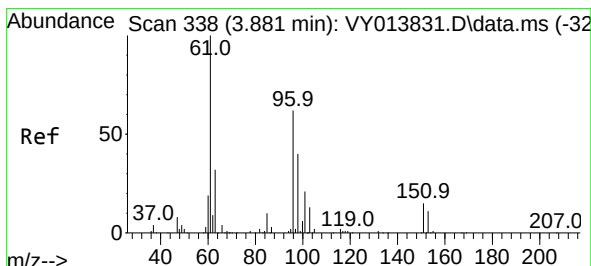
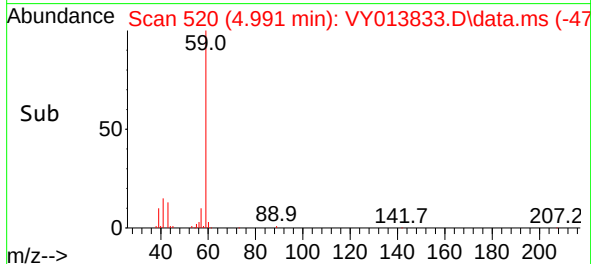
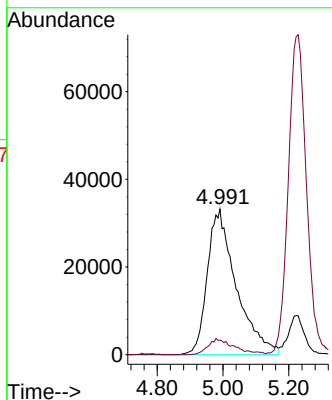
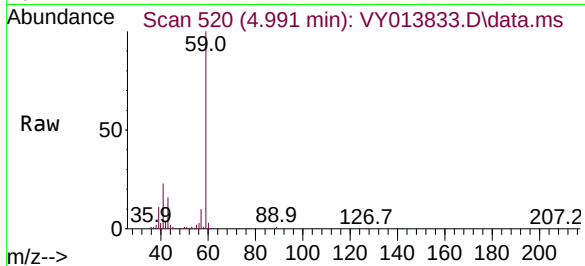




#11
Tert butyl alcohol
Concen: 838.331 ug/l
RT: 4.991 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

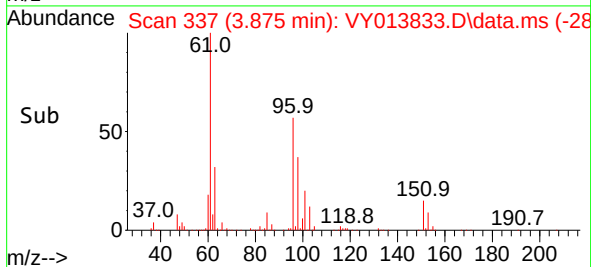
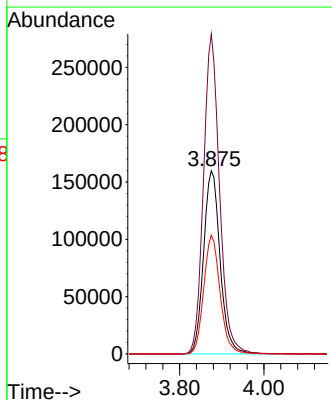
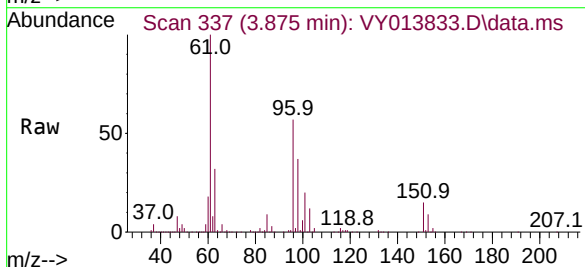
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

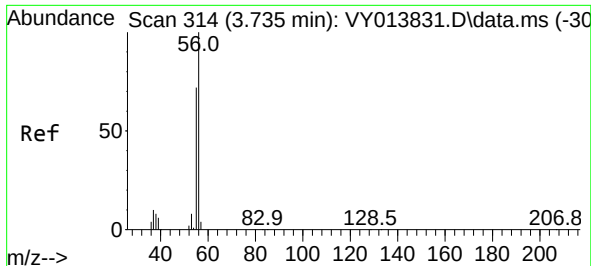
Tgt Ion: 59 Resp: 202690
Ion Ratio Lower Upper
59 100
57 9.5 8.1 12.1



#12
1,1-Dichloroethene
Concen: 163.755 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion: 96 Resp: 436988
Ion Ratio Lower Upper
96 100
61 174.7 129.0 193.4
98 64.8 52.0 78.0





#13

Acrolein

Concen: 731.997 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.000 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

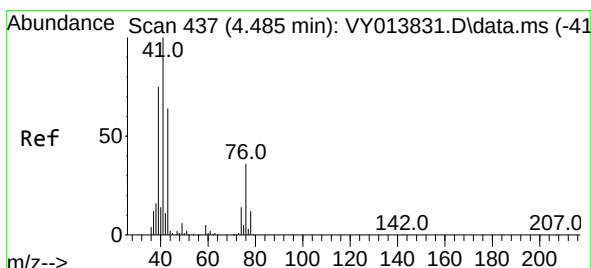
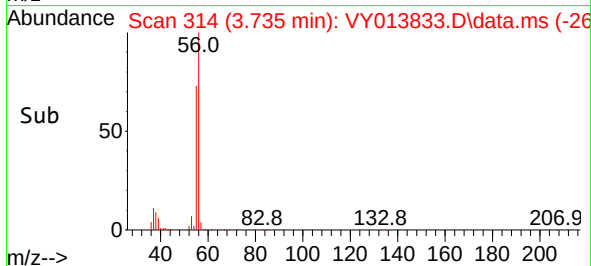
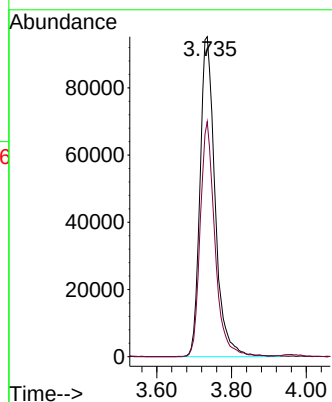
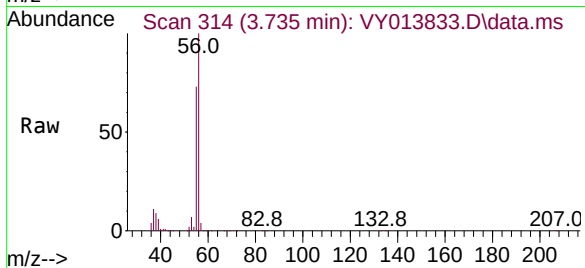
VSTDIC150

Tgt Ion: 56 Resp: 266220

Ion Ratio Lower Upper

56 100

55 71.9 56.2 84.2



#14

Allyl chloride

Concen: 169.202 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

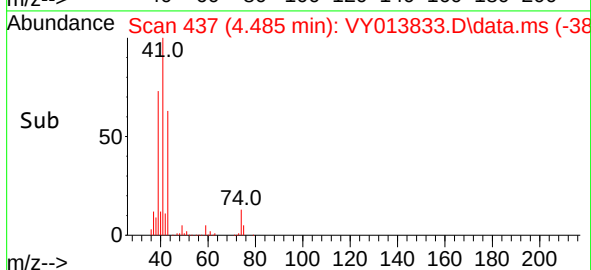
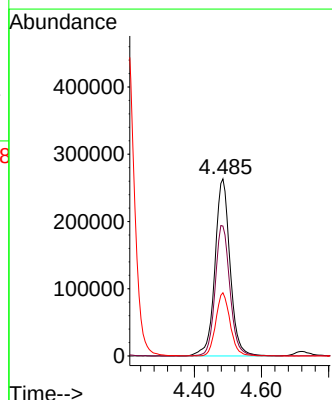
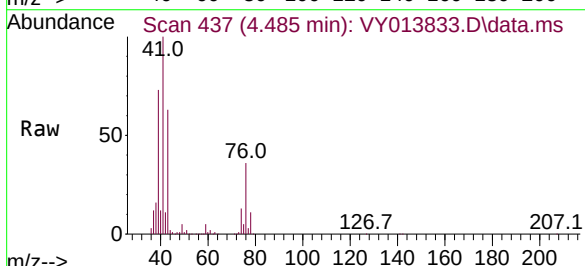
Tgt Ion: 41 Resp: 824325

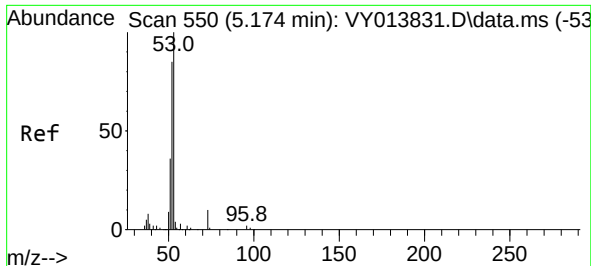
Ion Ratio Lower Upper

41 100

39 71.9 58.3 87.5

76 33.8 28.0 42.0

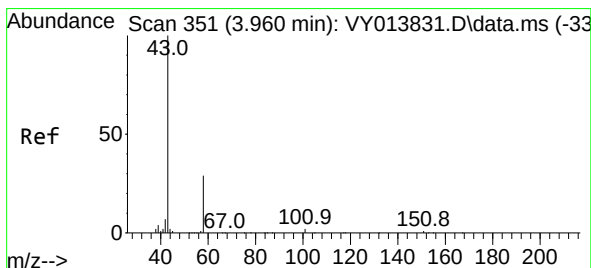
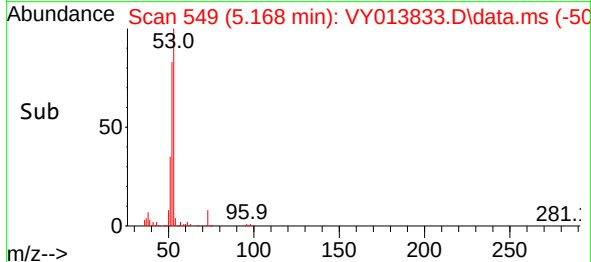
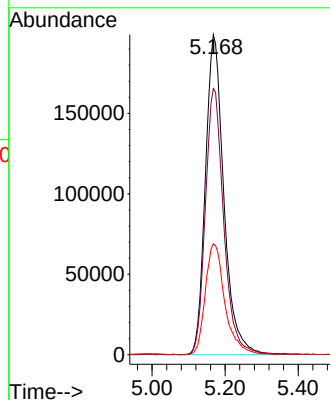
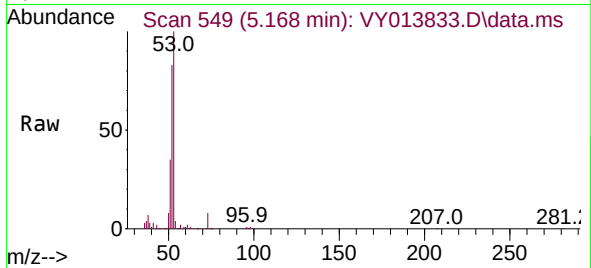




#15
Acrylonitrile
Concen: 842.754 ug/l
RT: 5.168 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

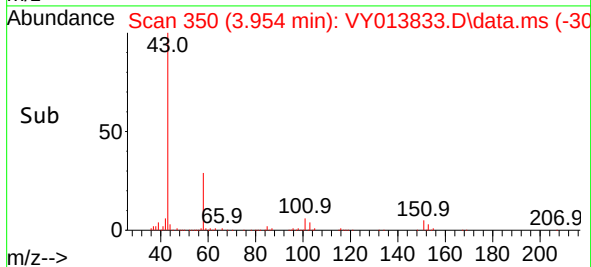
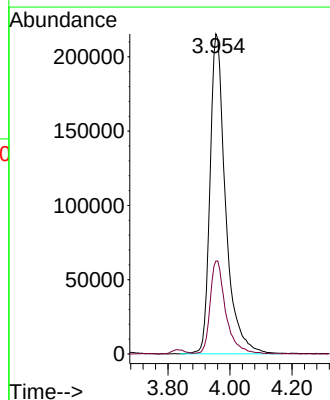
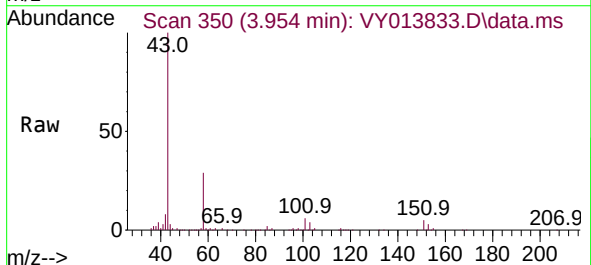
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

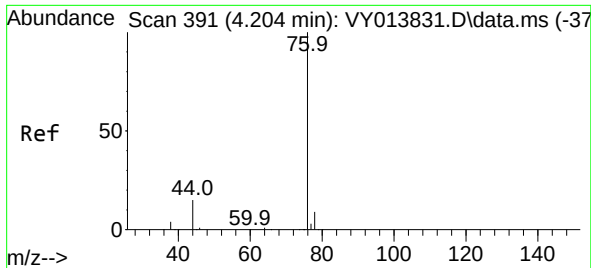
Tgt Ion: 53 Resp: 694456
Ion Ratio Lower Upper
53 100
52 83.0 67.2 100.8
51 37.0 30.2 45.2



#16
Acetone
Concen: 798.195 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion: 43 Resp: 747707
Ion Ratio Lower Upper
43 100
58 29.0 23.3 34.9





#17

Carbon Disulfide

Concen: 175.472 ug/l

RT: 4.198 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

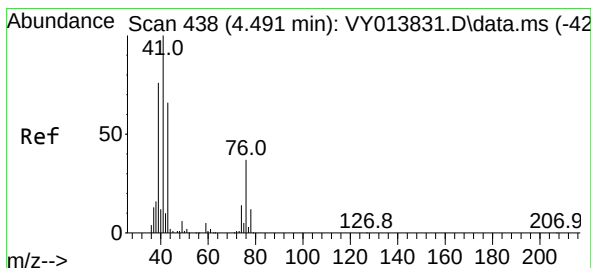
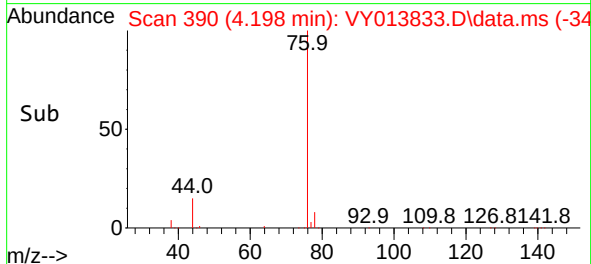
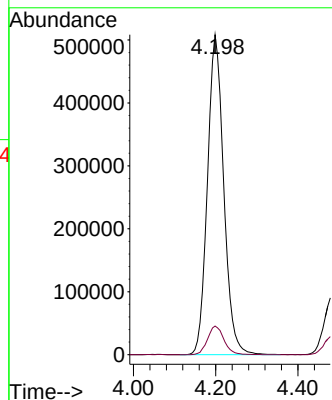
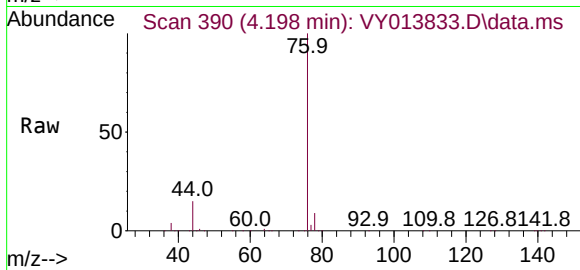
VSTDIC150

Tgt Ion: 76 Resp: 1397723

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3



#18

Methyl Acetate

Concen: 164.832 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.012 min

Lab File: VY013833.D

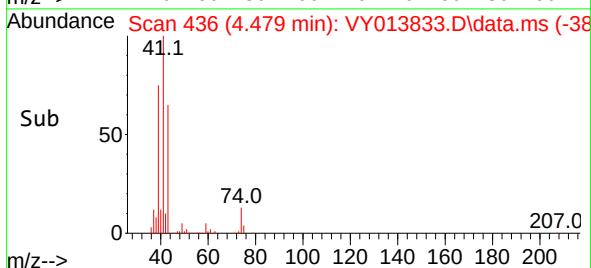
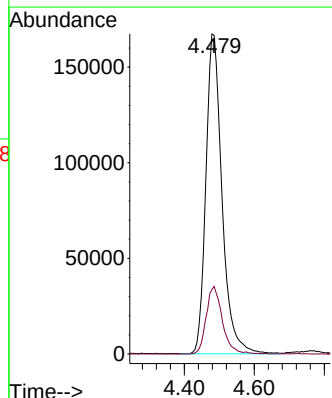
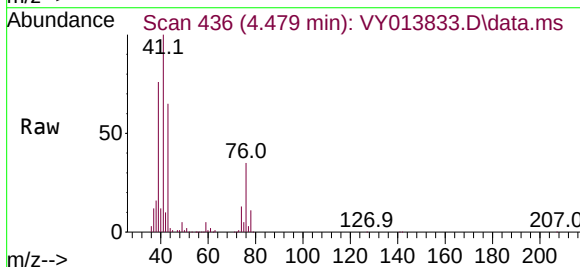
Acq: 23 May 2023 13:15

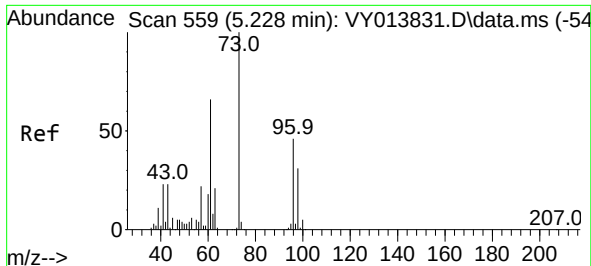
Tgt Ion: 43 Resp: 535676

Ion Ratio Lower Upper

43 100

74 21.2 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 168.661 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

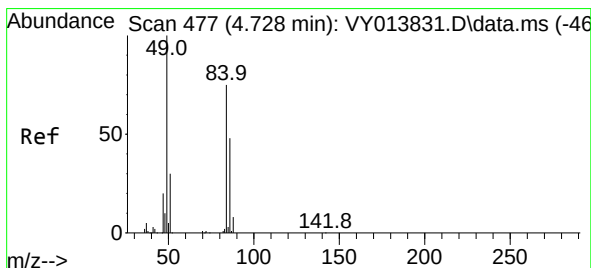
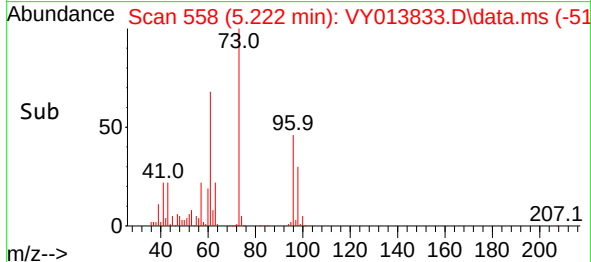
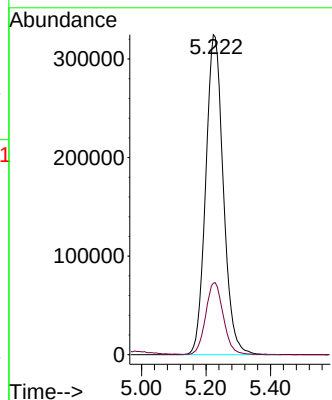
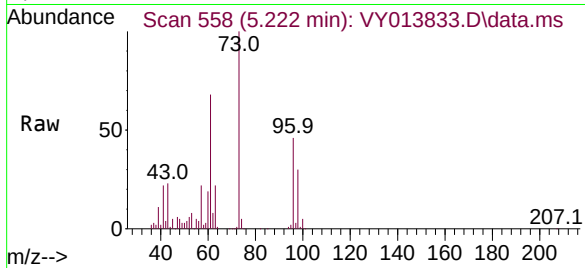
VSTDIC150

Tgt Ion: 73 Resp: 1228278

Ion Ratio Lower Upper

73 100

57 22.3 17.4 26.2



#20

Methylene Chloride

Concen: 149.637 ug/l

RT: 4.723 min Scan# 476

Delta R.T. -0.005 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Tgt Ion: 84 Resp: 480195

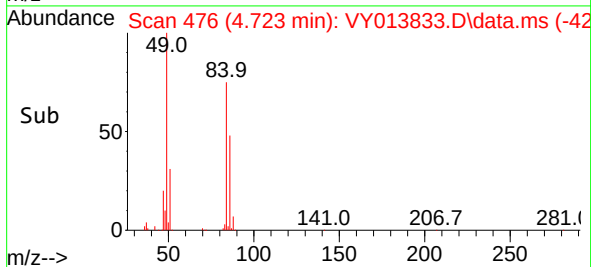
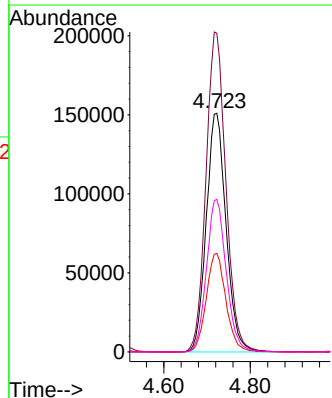
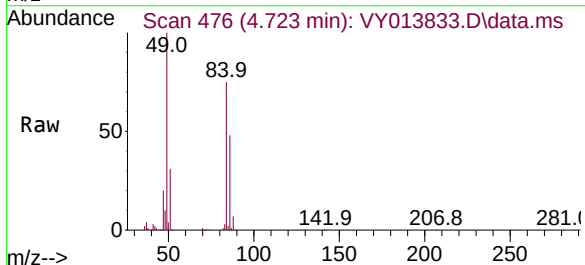
Ion Ratio Lower Upper

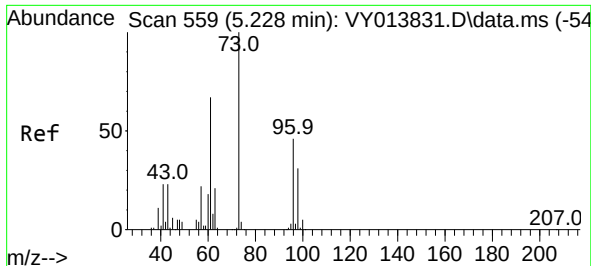
84 100

49 133.5 106.2 159.2

51 41.3 31.4 47.0

86 63.9 50.6 75.8

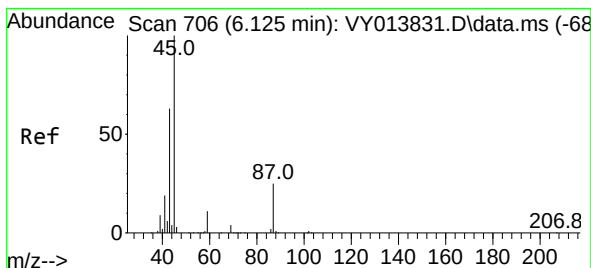
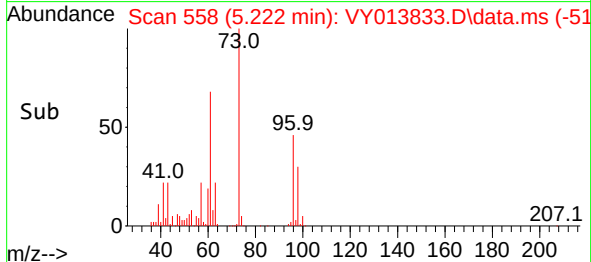
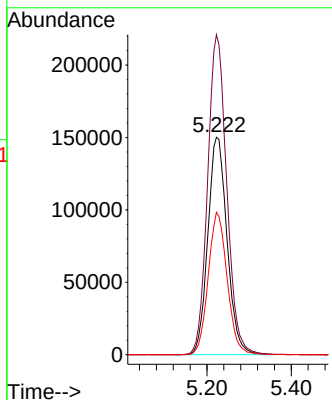
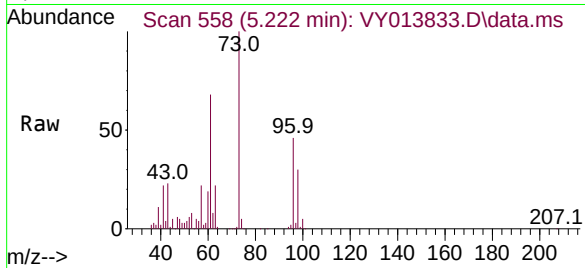




#21
trans-1,2-Dichloroethene
Concen: 164.381 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

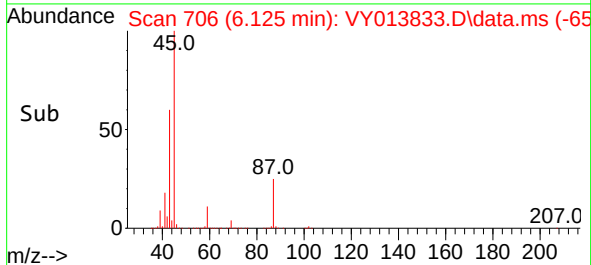
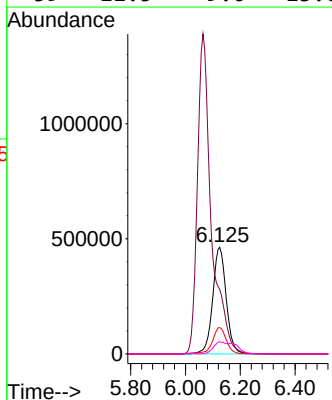
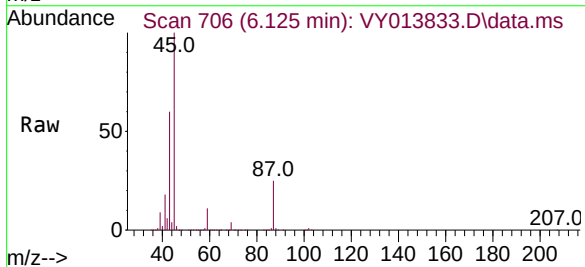
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

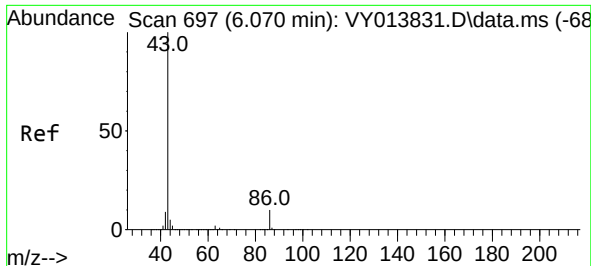
Tgt Ion: 96 Resp: 476840
Ion Ratio Lower Upper
96 100
61 147.2 115.5 173.3
98 65.5 53.7 80.5



#22
Diisopropyl ether
Concen: 168.235 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion: 45 Resp: 1582482
Ion Ratio Lower Upper
45 100
43 60.5 50.6 75.8
87 24.8 20.7 31.1
59 11.5 9.0 13.6

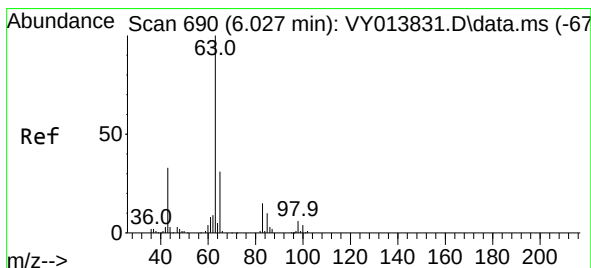
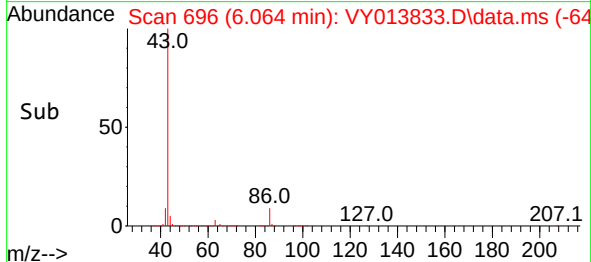
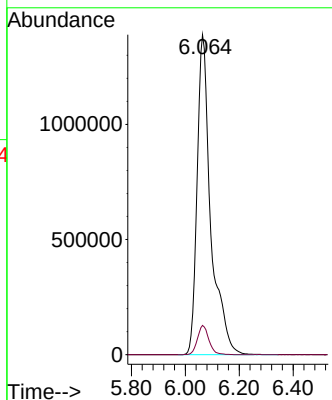
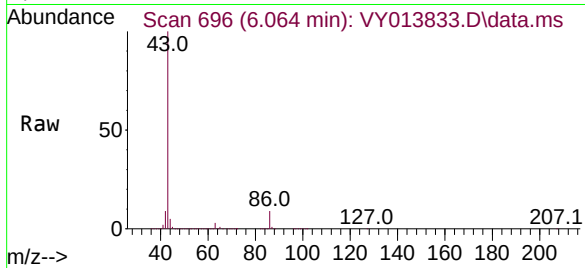




#23
 Vinyl Acetate
 Concen: 891.525 ug/l
 RT: 6.064 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY013833.D
 Acq: 23 May 2023 13:15

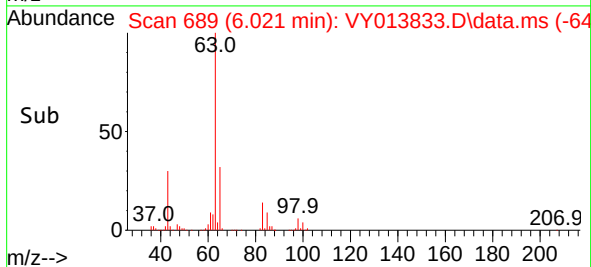
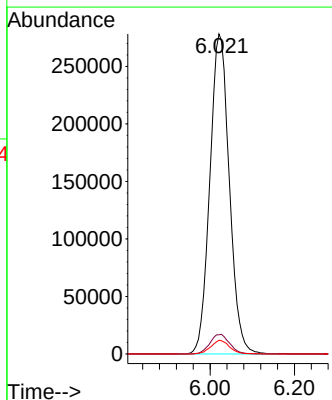
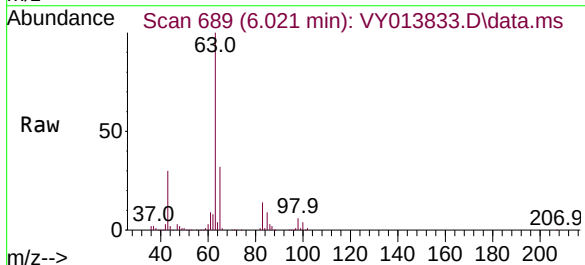
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

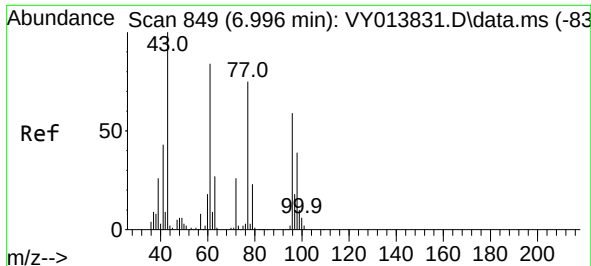
Tgt Ion: 43 Resp: 4884360
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 162.212 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY013833.D
 Acq: 23 May 2023 13:15

Tgt Ion: 63 Resp: 890772
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.2 9.6
 100 4.3 2.1 6.2

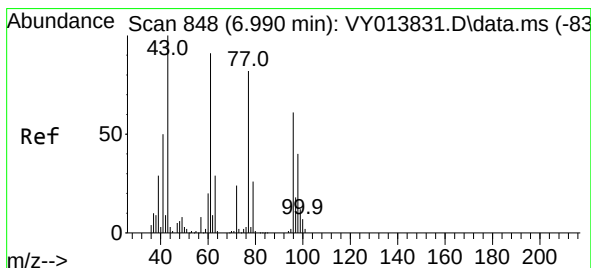
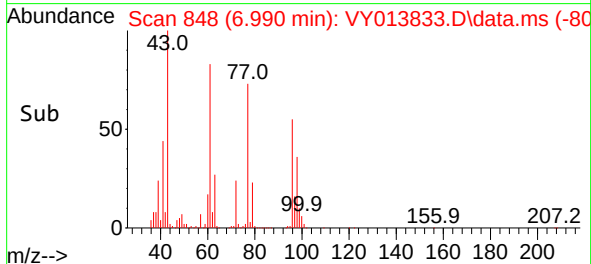
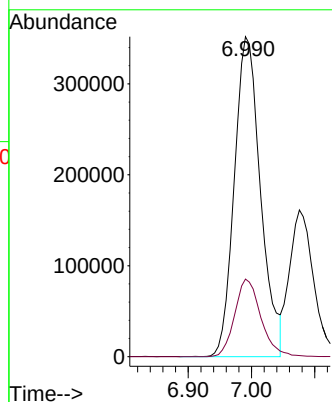
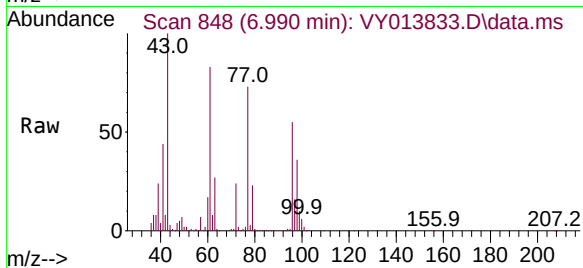




#25
2-Butanone
Concen: 887.323 ug/l
RT: 6.990 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

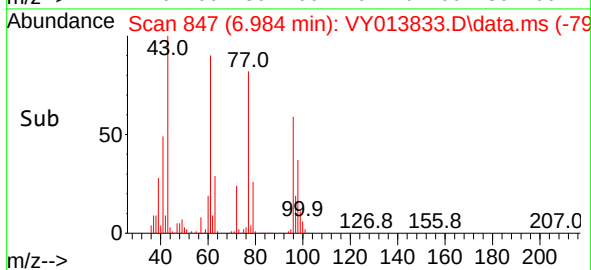
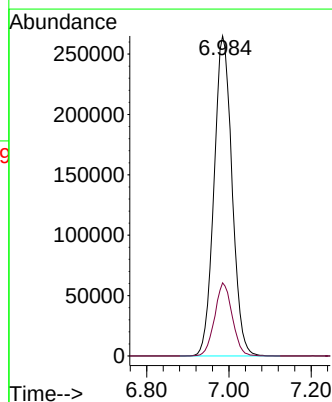
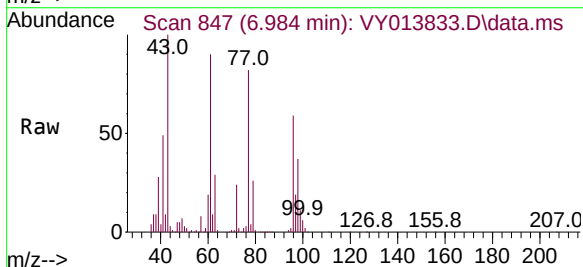
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

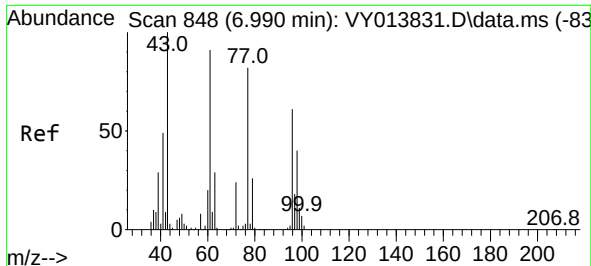
Tgt Ion: 43 Resp: 1014256
Ion Ratio Lower Upper
43 100
72 24.3 20.5 30.7



#26
2,2-Dichloropropane
Concen: 162.630 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion: 77 Resp: 804443
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 164.275 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

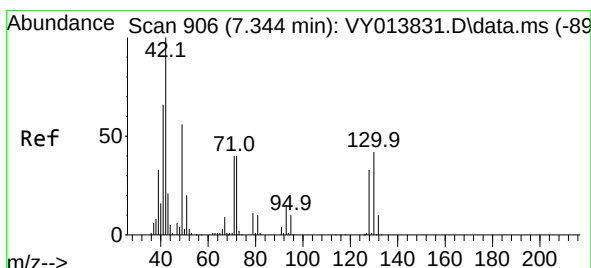
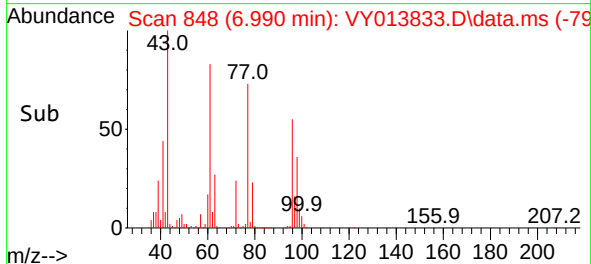
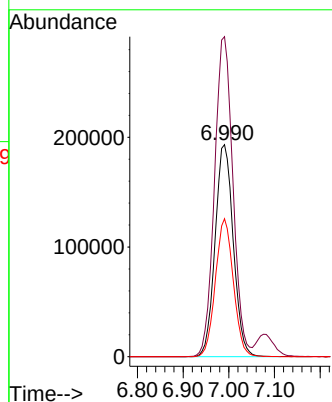
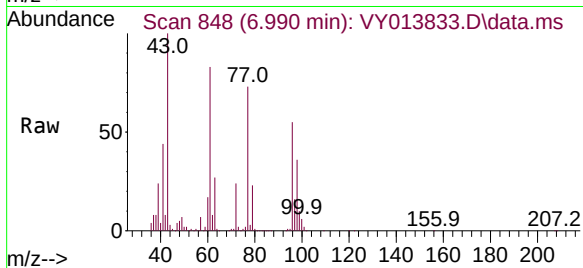
Tgt Ion: 96 Resp: 535324

Ion Ratio Lower Upper

96 100

61 153.1 0.0 296.4

98 64.1 0.0 129.4



#28

Bromochloromethane

Concen: 143.248 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

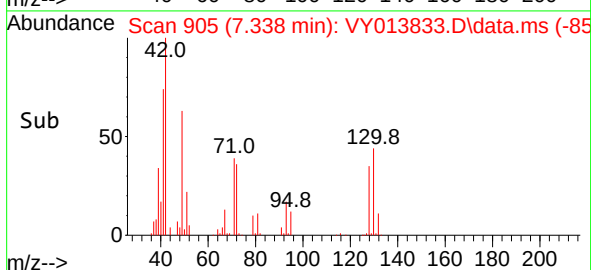
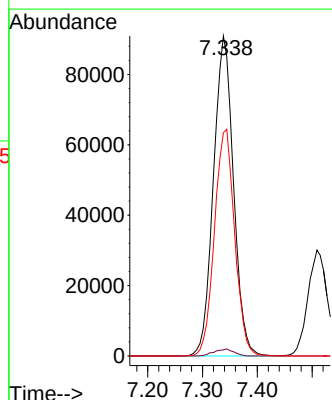
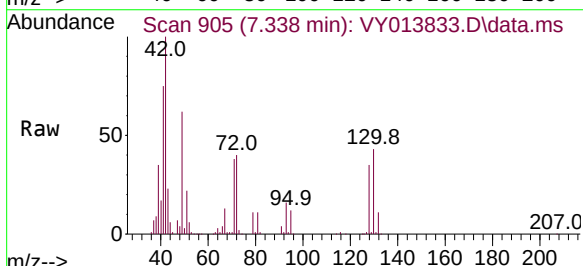
Tgt Ion: 49 Resp: 230891

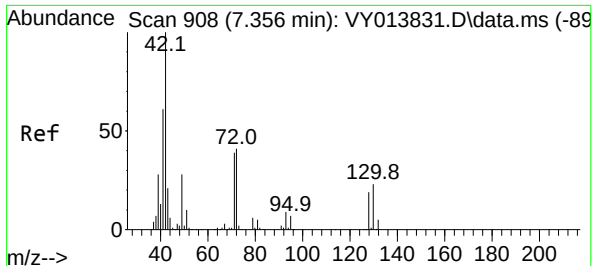
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 71.5 60.2 90.2





#29

Tetrahydrofuran

Concen: 895.462 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

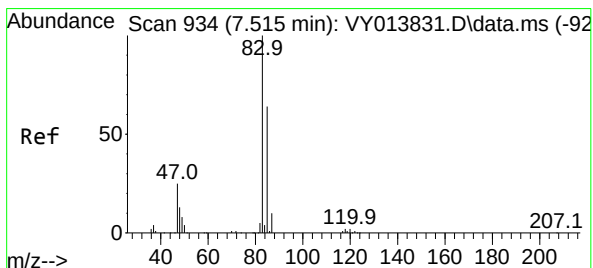
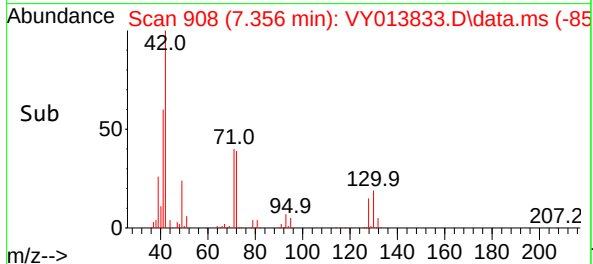
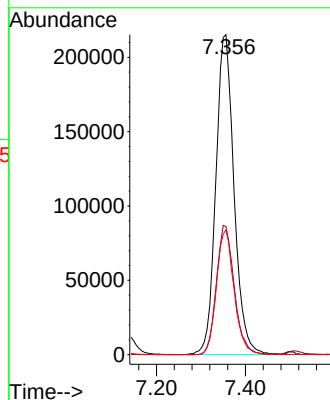
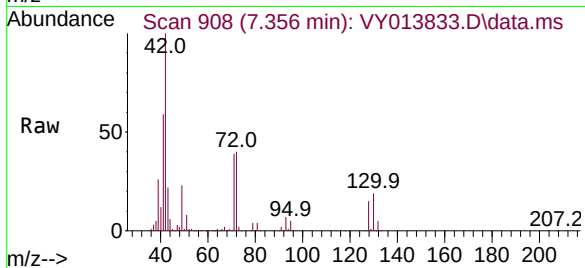
Tgt Ion: 42 Resp: 611112

Ion Ratio Lower Upper

42 100

72 39.7 31.7 47.5

71 37.8 30.6 45.8



#30

Chloroform

Concen: 157.641 ug/l

RT: 7.509 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY013833.D

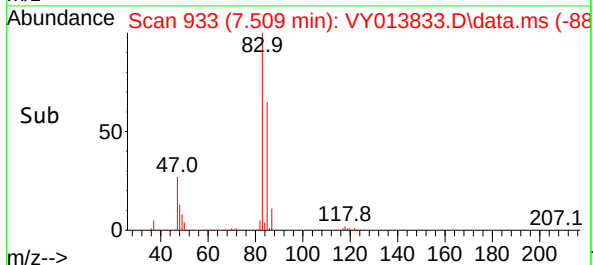
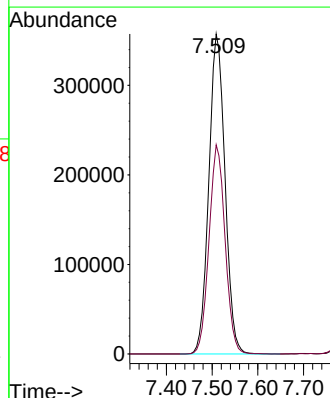
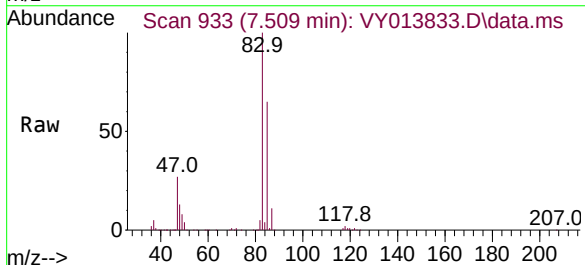
Acq: 23 May 2023 13:15

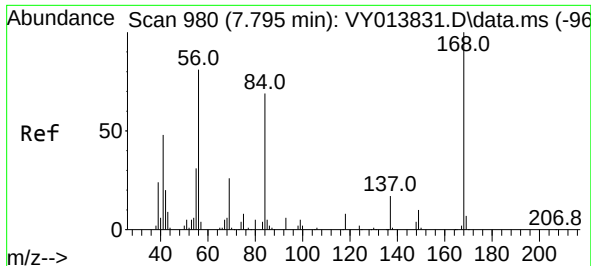
Tgt Ion: 83 Resp: 877653

Ion Ratio Lower Upper

83 100

85 65.4 51.0 76.6

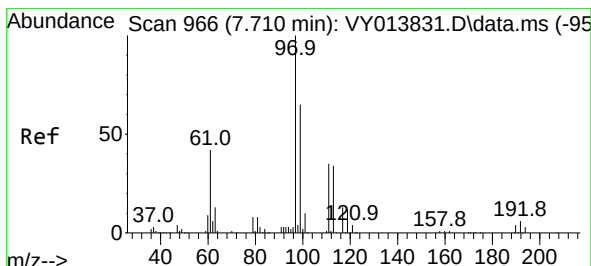
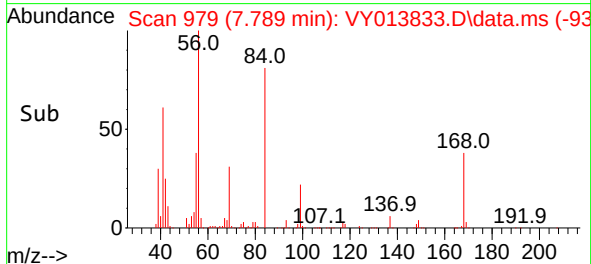
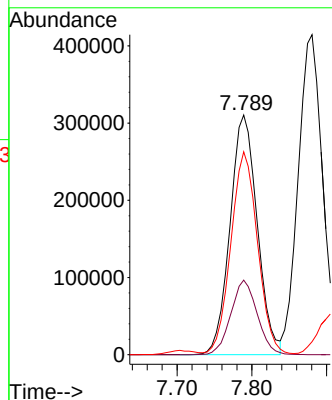
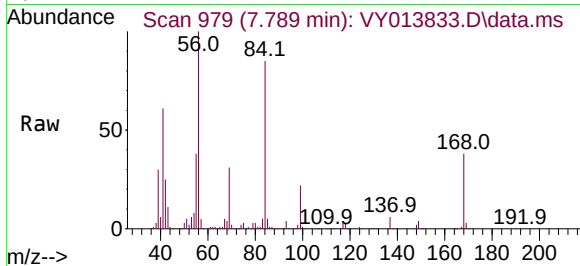




#31
Cyclohexane
Concen: 162.383 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

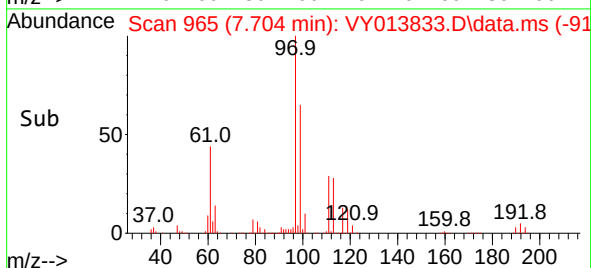
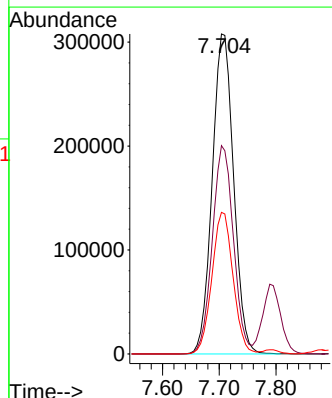
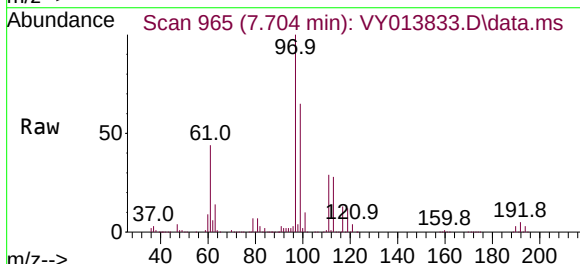
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

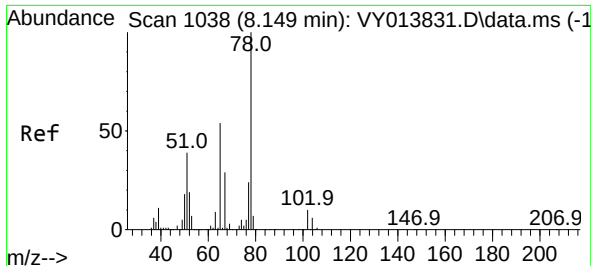
Tgt Ion: 56 Resp: 787430
Ion Ratio Lower Upper
56 100
69 31.1 25.8 38.8
84 82.9 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 158.857 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion: 97 Resp: 806836
Ion Ratio Lower Upper
97 100
99 64.5 50.5 75.7
61 43.8 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 143.714 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

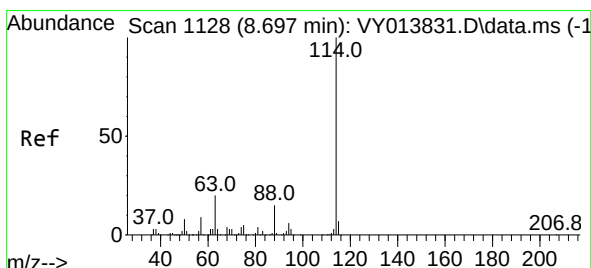
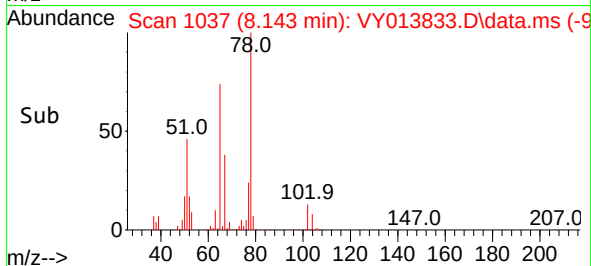
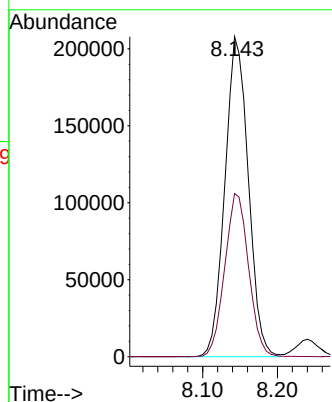
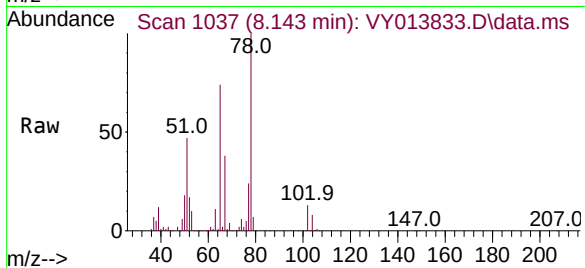
VSTDIC150

Tgt Ion: 65 Resp: 453587

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

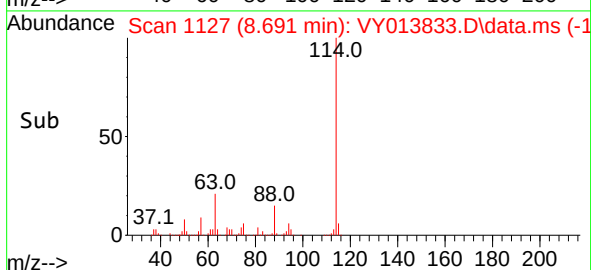
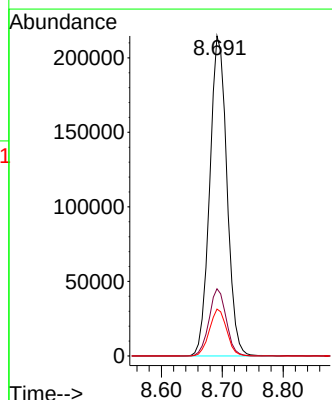
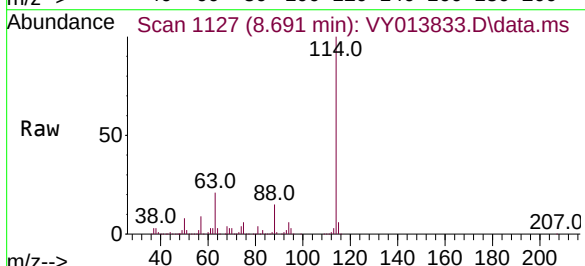
Tgt Ion: 114 Resp: 420050

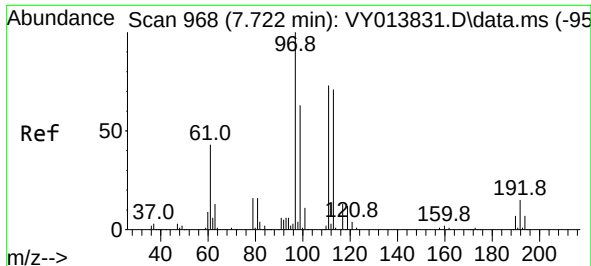
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.2

88 14.6 0.0 30.0

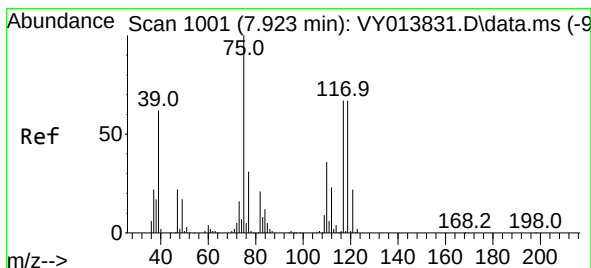
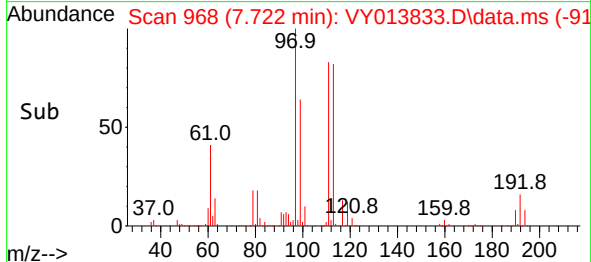
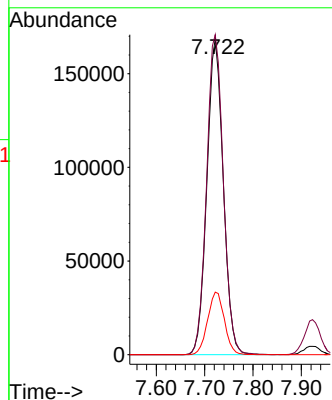
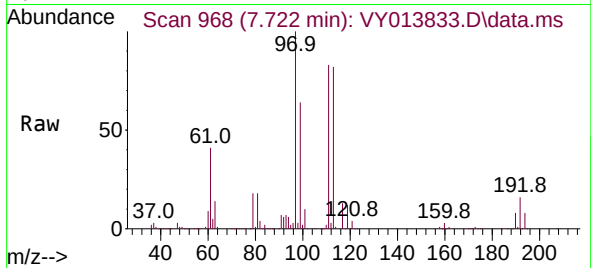




#35
Dibromofluoromethane
Concen: 146.378 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

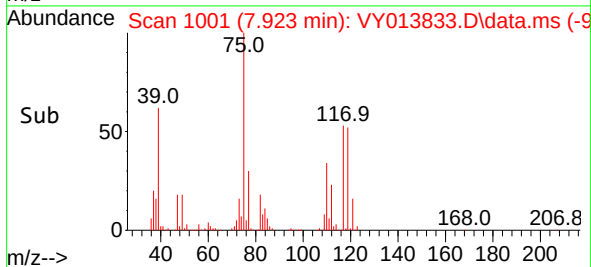
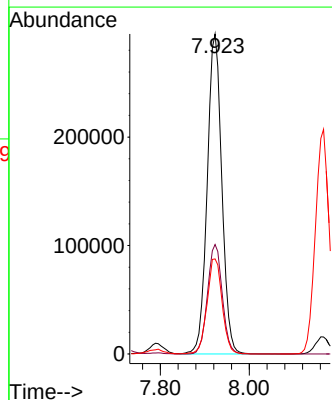
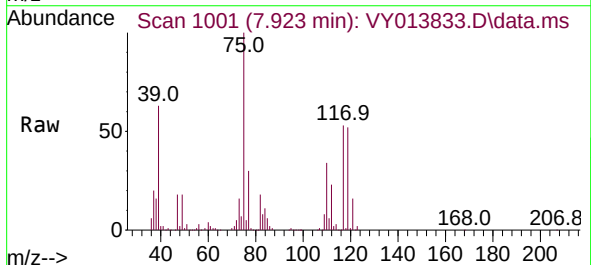
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

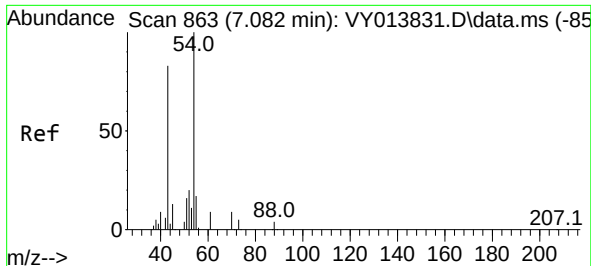
Tgt Ion:113 Resp: 397081
Ion Ratio Lower Upper
113 100
111 103.6 80.4 120.6
192 20.3 16.6 25.0



#36
1,1-Dichloropropene
Concen: 163.349 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion: 75 Resp: 674927
Ion Ratio Lower Upper
75 100
110 34.6 17.5 52.6
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 172.717 ug/l

RT: 7.076 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

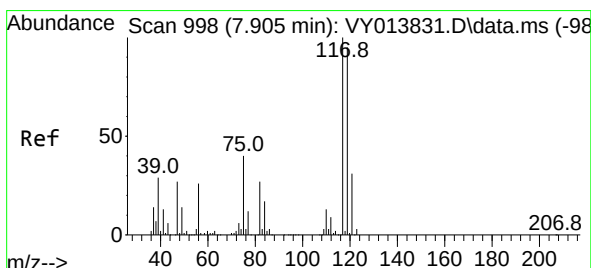
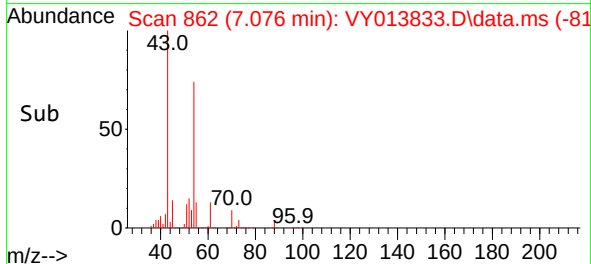
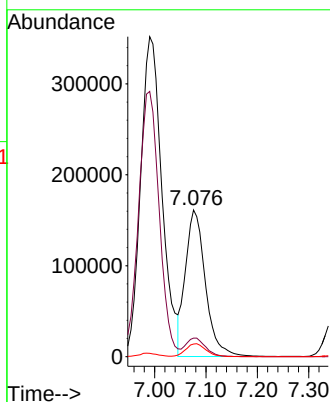
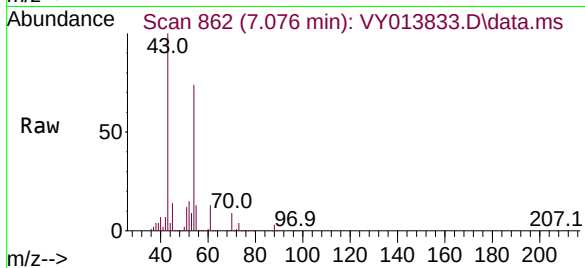
Tgt Ion: 43 Resp: 435306

Ion Ratio Lower Upper

43 100

61 12.2 10.5 15.7

70 9.0 6.9 10.3



#38

Carbon Tetrachloride

Concen: 156.212 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

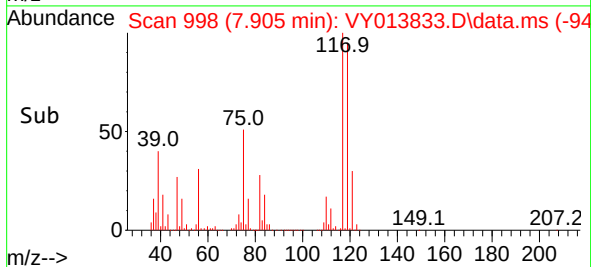
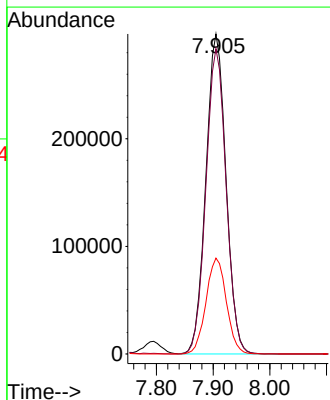
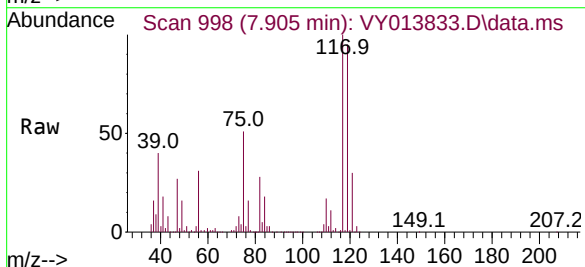
Tgt Ion: 117 Resp: 734011

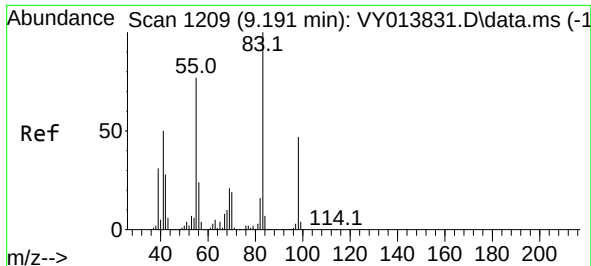
Ion Ratio Lower Upper

117 100

119 95.4 75.6 113.4

121 29.9 24.8 37.2





#39

Methylcyclohexane

Concen: 172.328 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

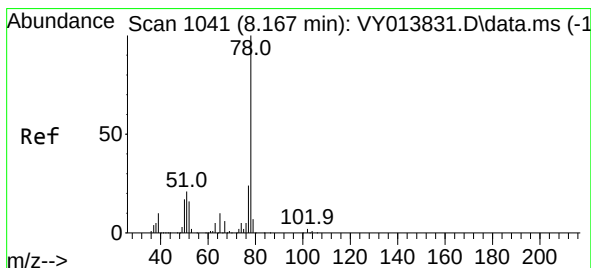
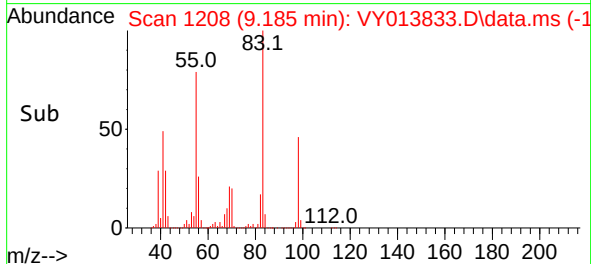
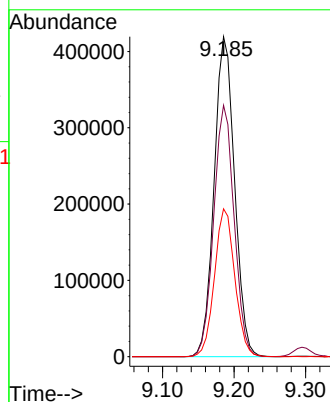
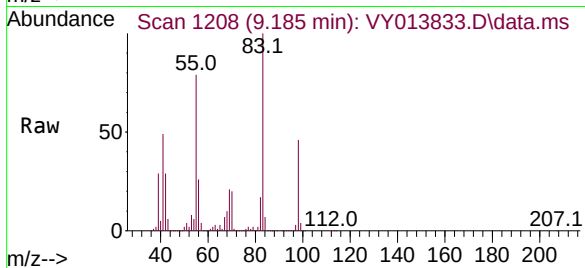
Tgt Ion: 83 Resp: 833859

Ion Ratio Lower Upper

83 100

55 78.6 61.6 92.4

98 46.2 38.0 57.0



#40

Benzene

Concen: 159.355 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY013833.D

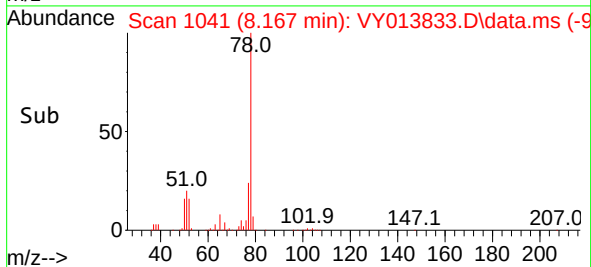
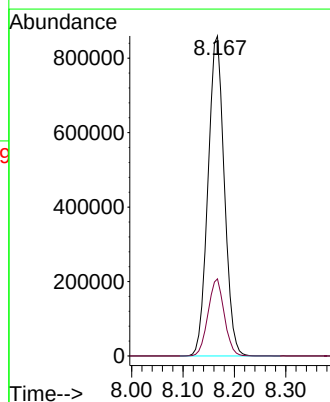
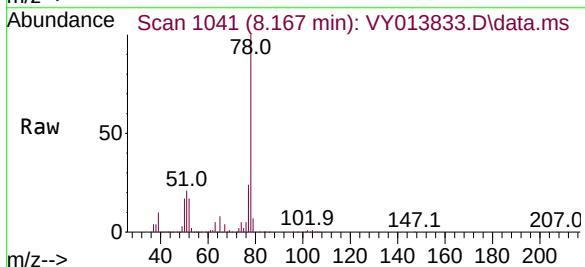
Acq: 23 May 2023 13:15

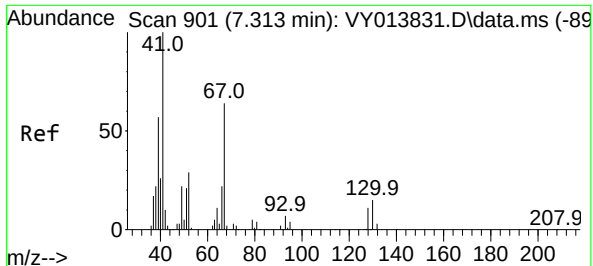
Tgt Ion: 78 Resp: 1891121

Ion Ratio Lower Upper

78 100

77 24.1 19.5 29.3



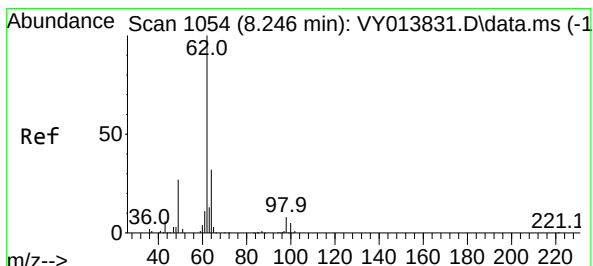
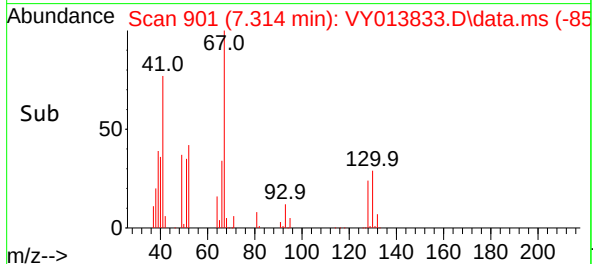
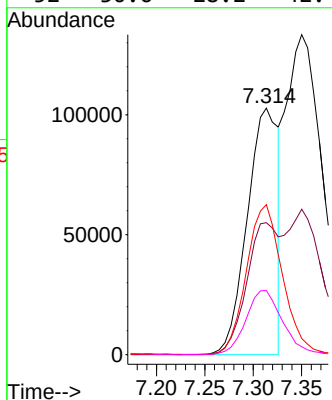
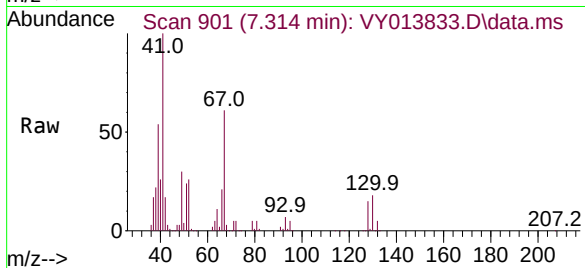


#41
Methacrylonitrile
Concen: 166.723 ug/l
RT: 7.314 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 229268

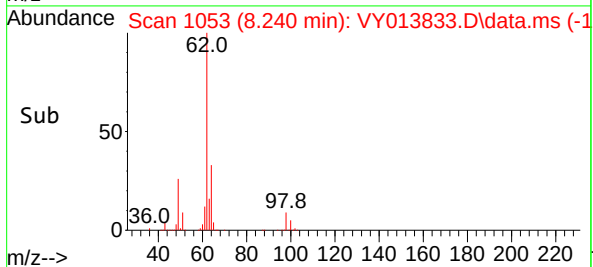
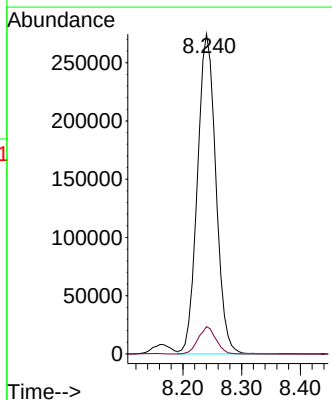
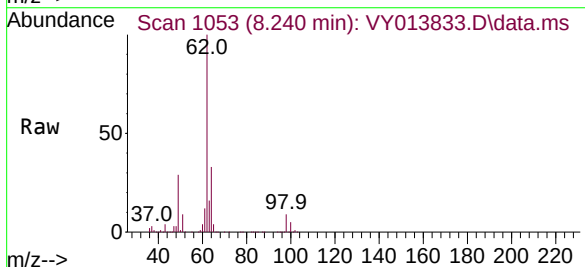
Ion	Ratio	Lower	Upper
41	100		
39	54.1	44.1	66.1
67	71.1	63.7	95.5
52	30.6	28.2	42.4

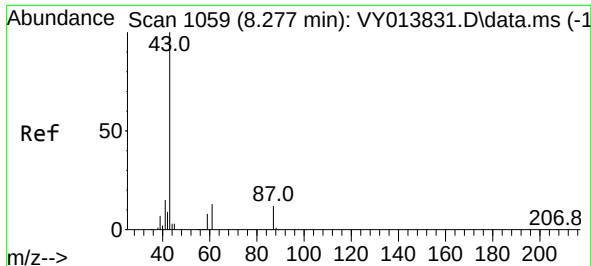


#42
1,2-Dichloroethane
Concen: 154.215 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion: 62 Resp: 599213

Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.8

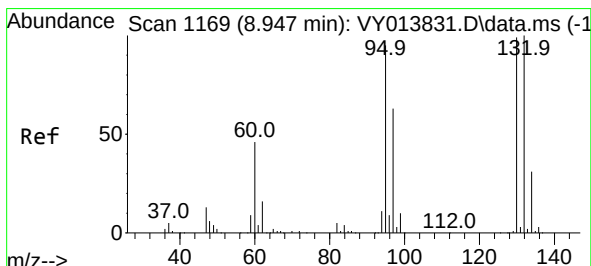
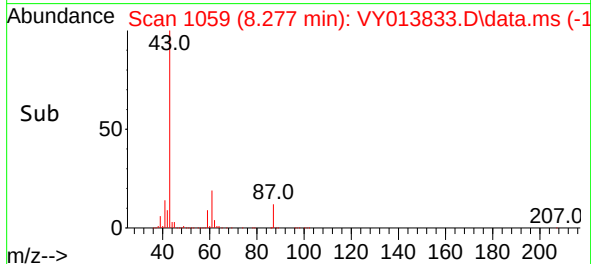
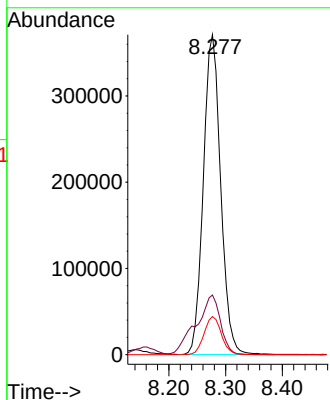
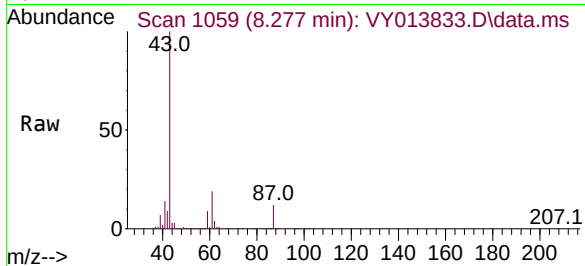




#43
Isopropyl Acetate
Concen: 171.332 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

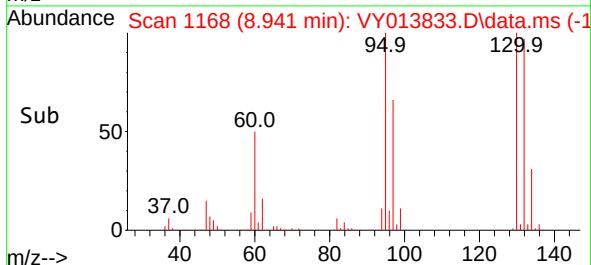
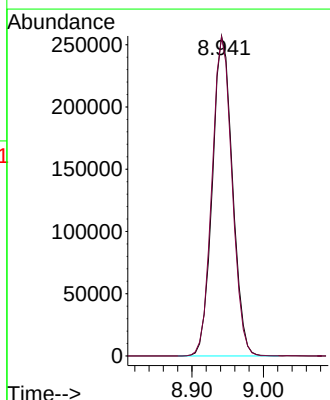
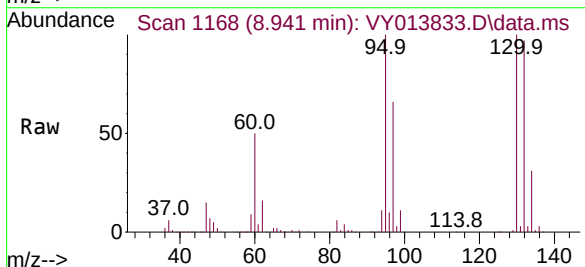
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

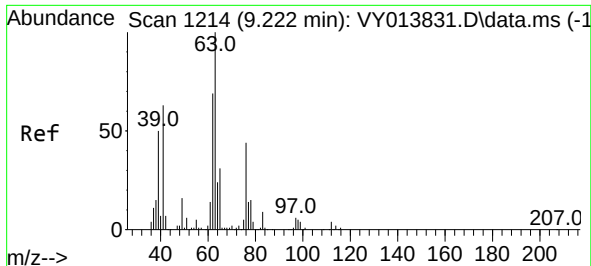
Tgt Ion: 43 Resp: 786888
Ion Ratio Lower Upper
43 100
61 26.2 21.1 31.7
87 11.9 9.8 14.6



#44
Trichloroethene
Concen: 156.926 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion: 130 Resp: 501730
Ion Ratio Lower Upper
130 100
95 99.8 0.0 192.8

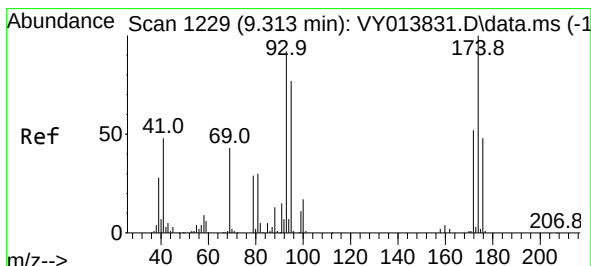
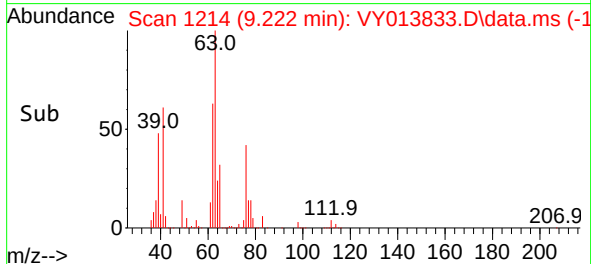
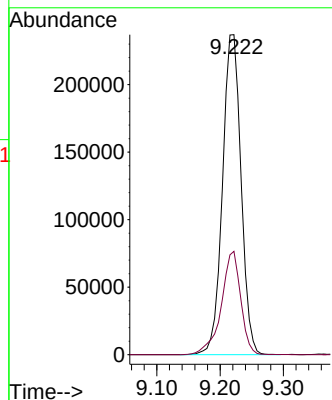
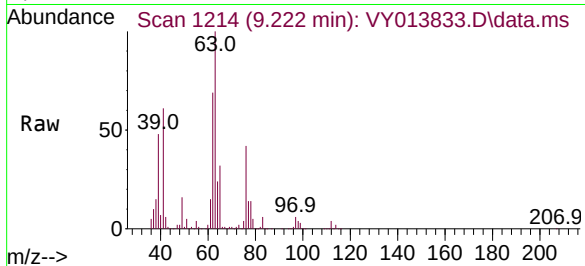




#45
1,2-Dichloropropane
Concen: 158.298 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

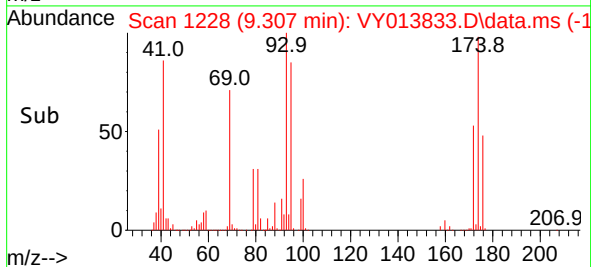
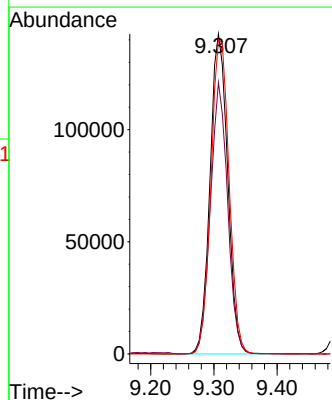
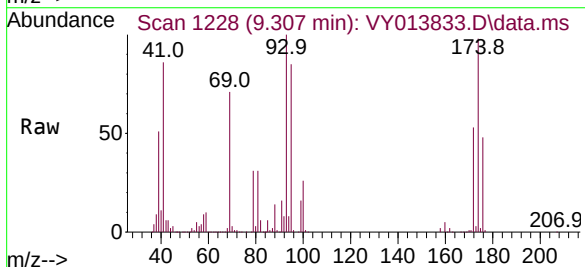
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

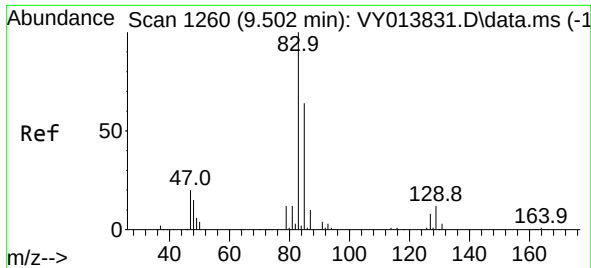
Tgt Ion: 63 Resp: 481243
Ion Ratio Lower Upper
63 100
65 32.3 24.7 37.1



#46
Dibromomethane
Concen: 158.906 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion: 93 Resp: 276671
Ion Ratio Lower Upper
93 100
95 82.3 66.4 99.6
174 101.0 83.9 125.9

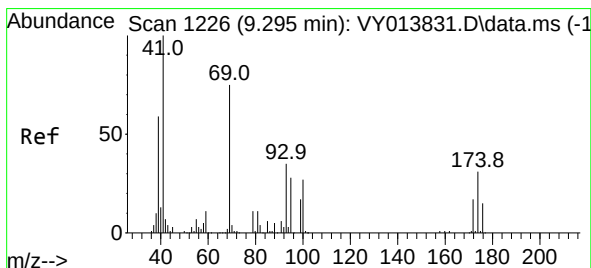
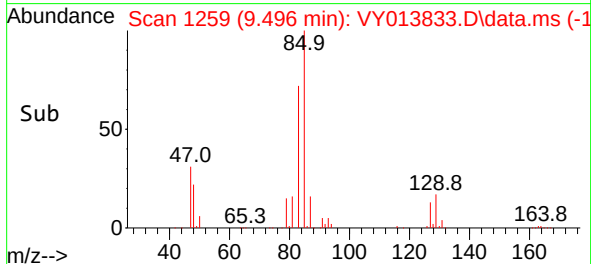
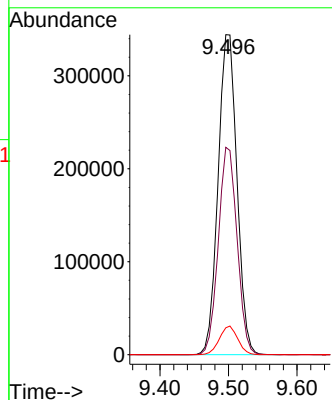
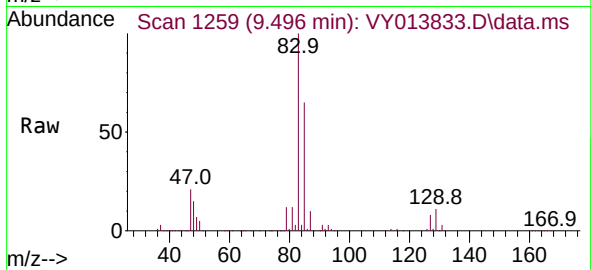




#47
Bromodichloromethane
Concen: 154.826 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

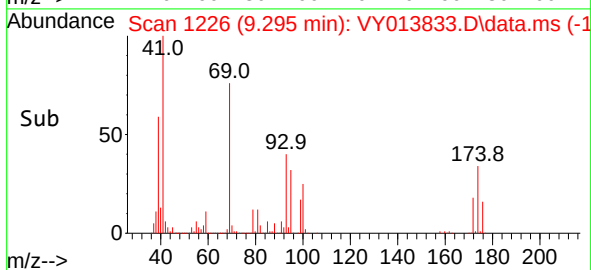
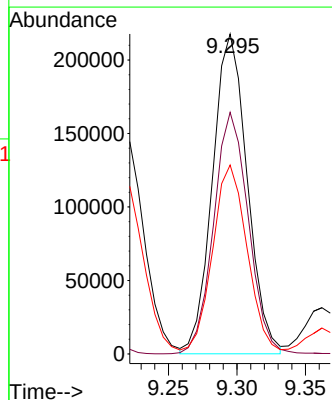
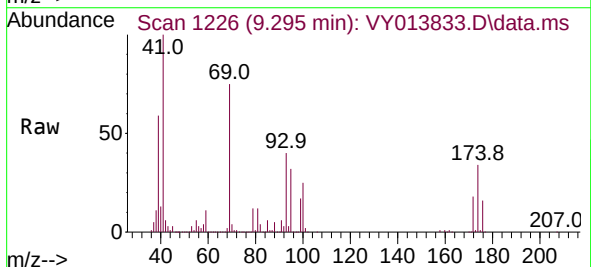
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

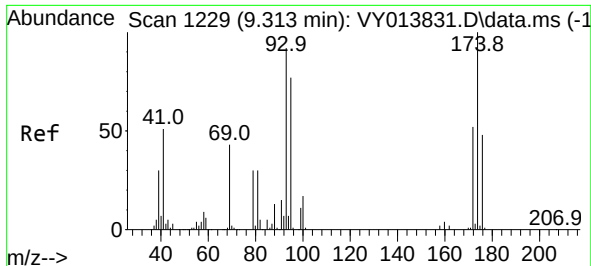
Tgt Ion: 83 Resp: 656937
Ion Ratio Lower Upper
83 100
85 64.8 51.5 77.3
127 8.4 6.6 10.0



#48
Methyl methacrylate
Concen: 177.905 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion: 41 Resp: 383681
Ion Ratio Lower Upper
41 100
69 75.7 62.0 93.0
39 56.8 45.7 68.5

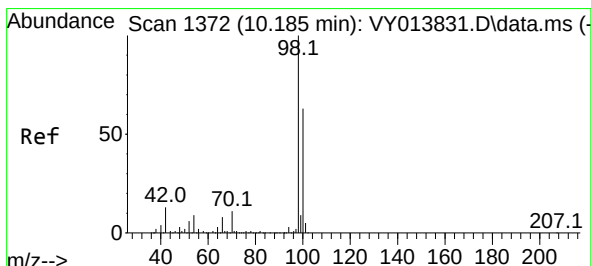
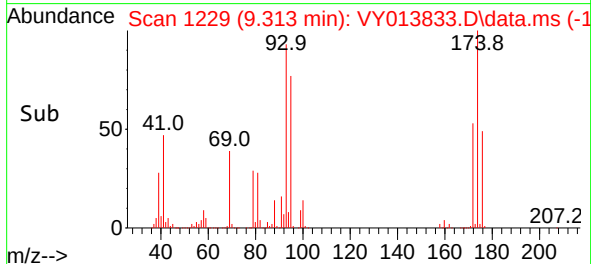
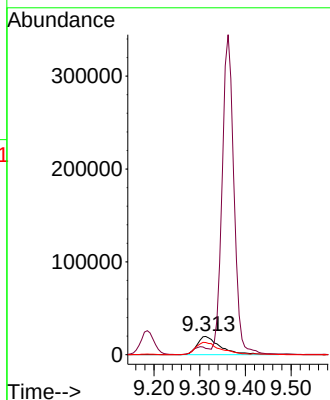
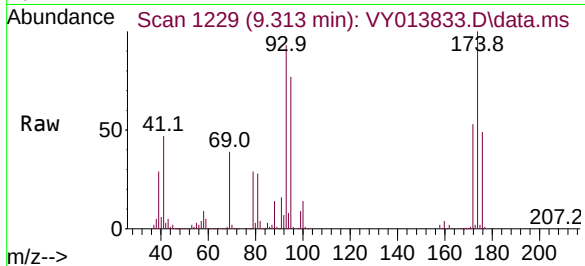




#49
1,4-Dioxane
Concen: 3401.477 ug/l
RT: 9.313 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

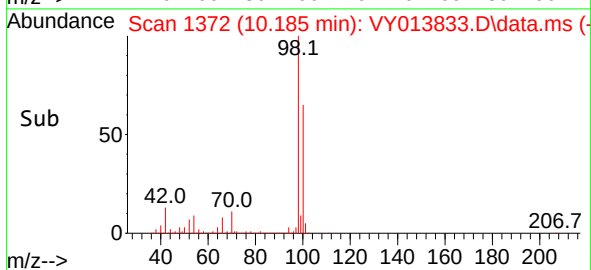
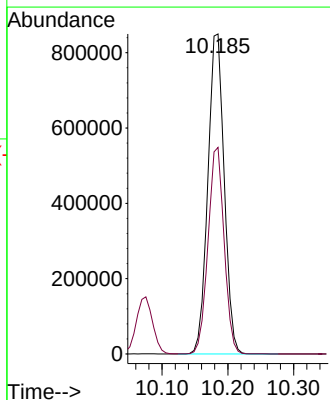
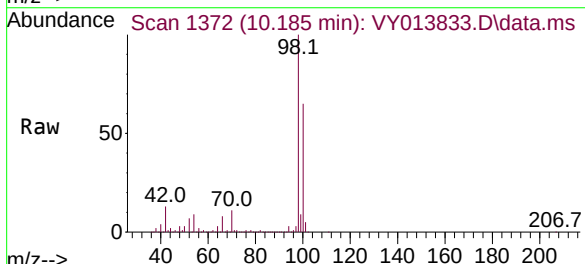
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

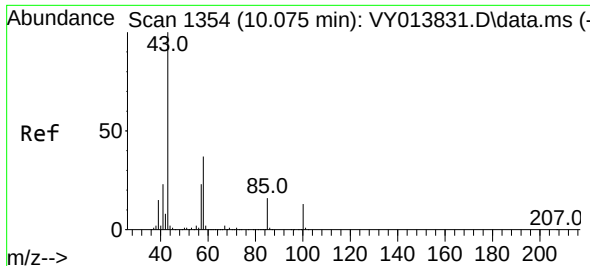
Tgt Ion: 88 Resp: 69602
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 70.8 59.0 88.6



#50
Toluene-d8
Concen: 142.404 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion: 98 Resp: 1468204
Ion Ratio Lower Upper
98 100
100 63.5 50.8 76.2

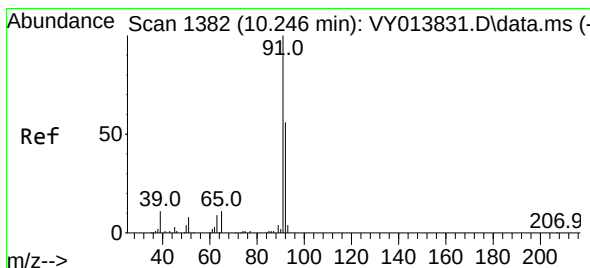
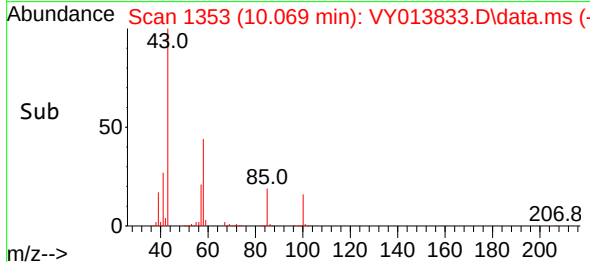
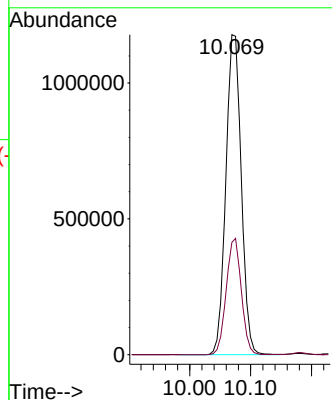
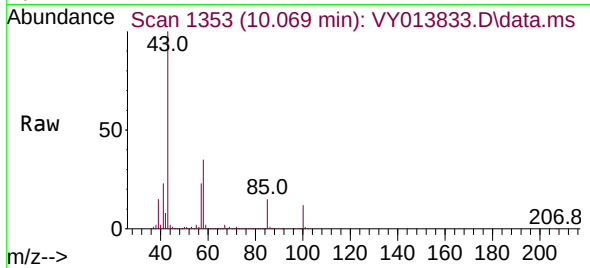




#51
4-Methyl-2-Pentanone
Concen: 843.019 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

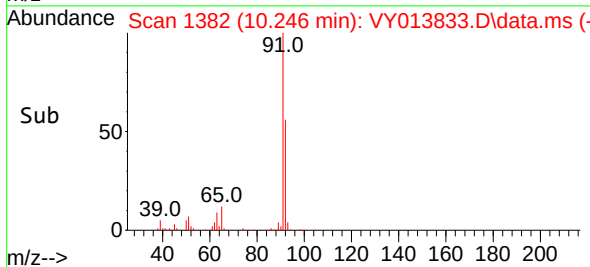
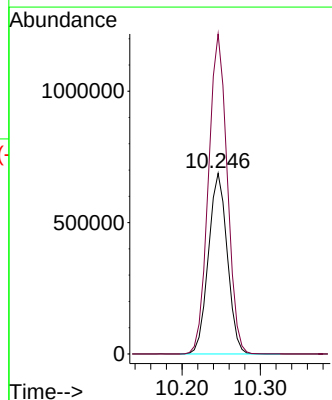
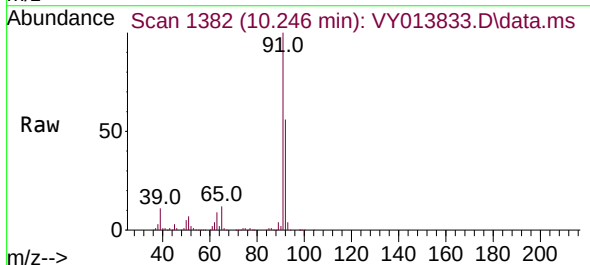
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

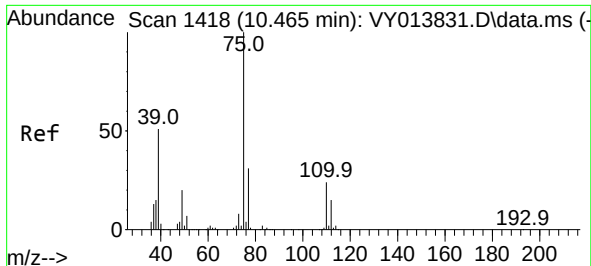
Tgt Ion: 43 Resp: 2063345
Ion Ratio Lower Upper
43 100
58 35.7 29.1 43.7



#52
Toluene
Concen: 158.318 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion: 92 Resp: 1145554
Ion Ratio Lower Upper
92 100
91 177.0 142.2 213.4

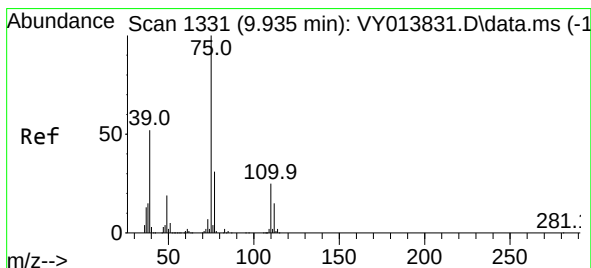
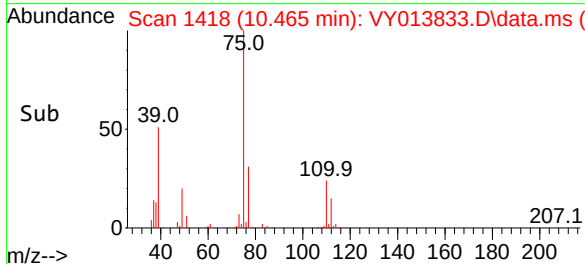
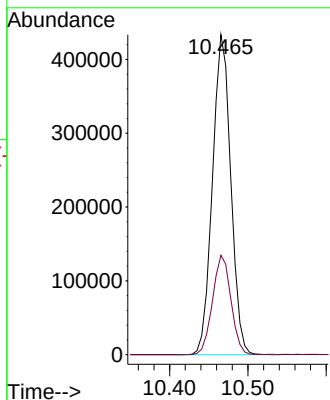
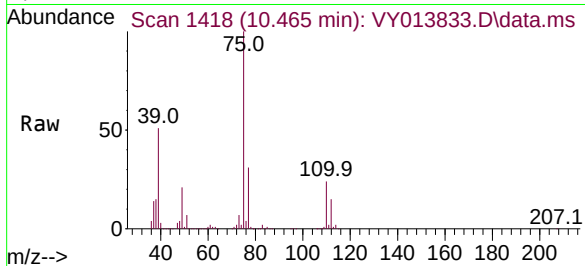




#53
t-1,3-Dichloropropene
Concen: 163.038 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

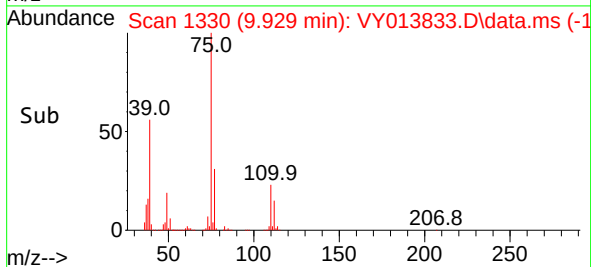
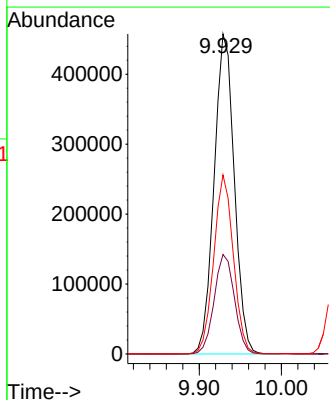
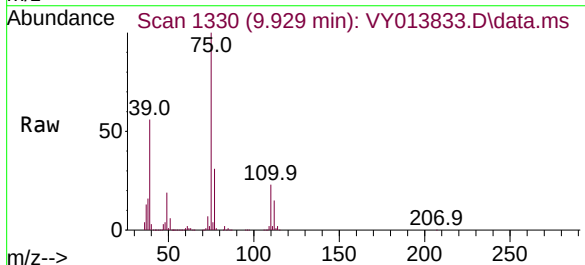
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

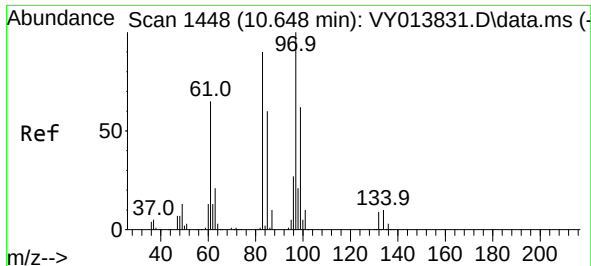
Tgt Ion: 75 Resp: 704175
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 161.352 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion: 75 Resp: 780719
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2
39 55.9 41.8 62.8

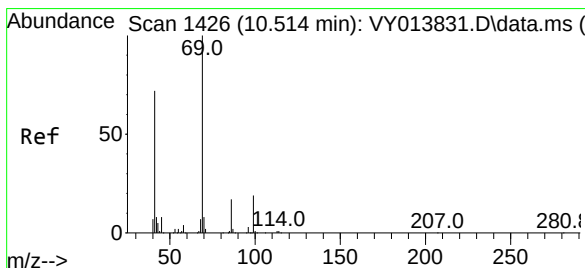
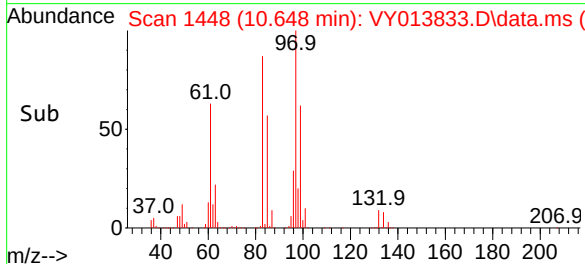
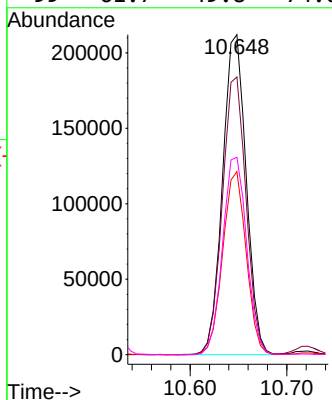
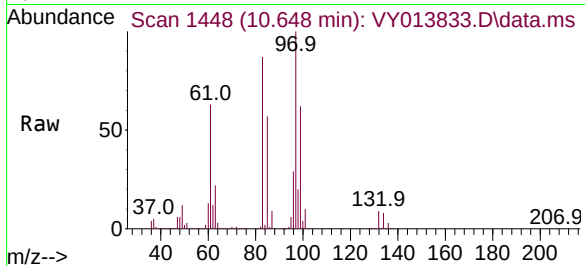




#55
1,1,2-Trichloroethane
Concen: 153.820 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

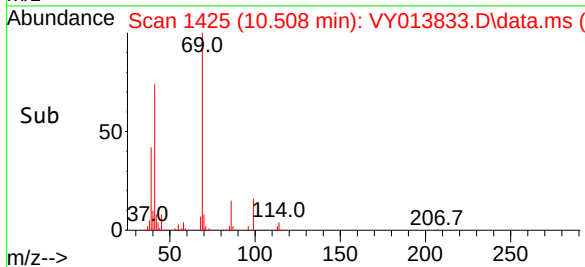
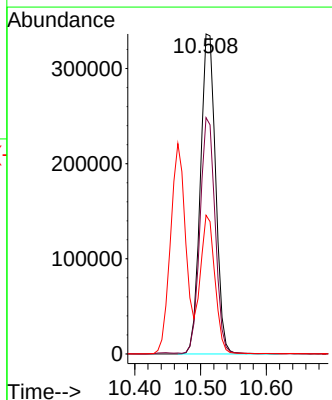
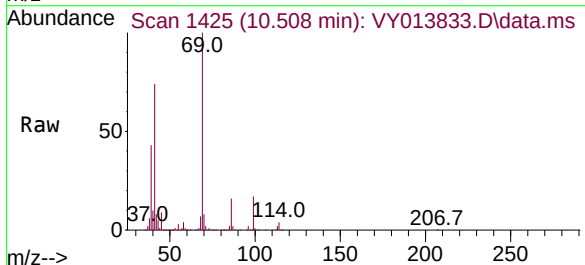
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

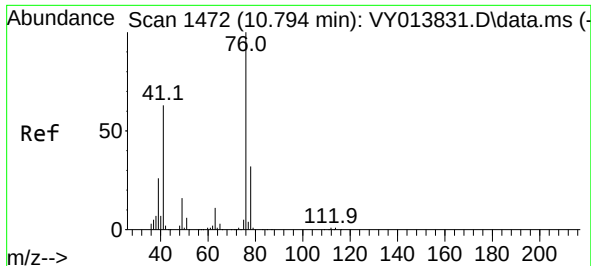
Tgt Ion:	97	Resp:	360303
Ion	Ratio	Lower	Upper
97	100		
83	86.8	71.9	107.9
85	57.2	47.6	71.4
99	61.7	49.8	74.6



#56
Ethyl methacrylate
Concen: 172.653 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion:	69	Resp:	539848
Ion	Ratio	Lower	Upper
69	100		
41	73.5	57.8	86.6
39	41.0	33.9	50.9





#57

1,3-Dichloropropane

Concen: 156.922 ug/l

RT: 10.789 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

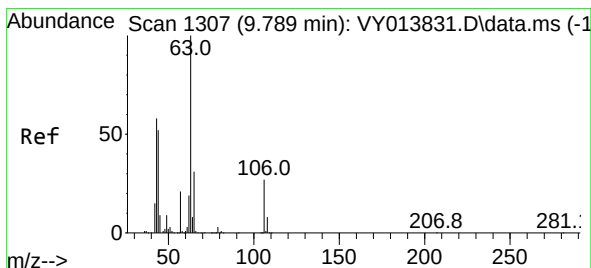
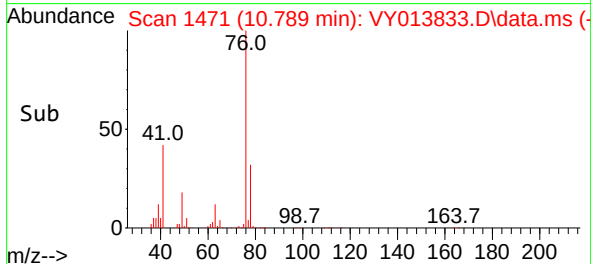
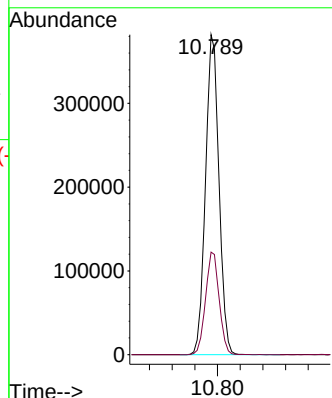
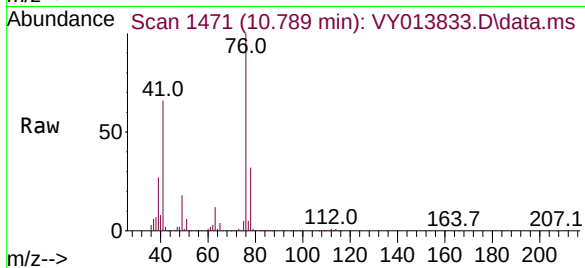
VSTDIC150

Tgt Ion: 76 Resp: 626001

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 742.931 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY013833.D

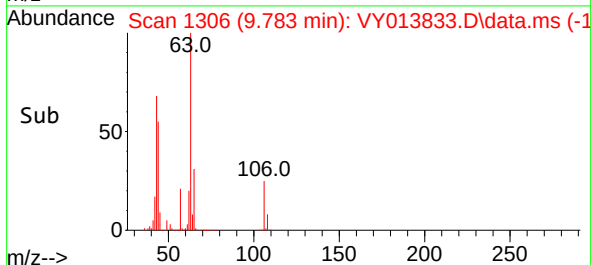
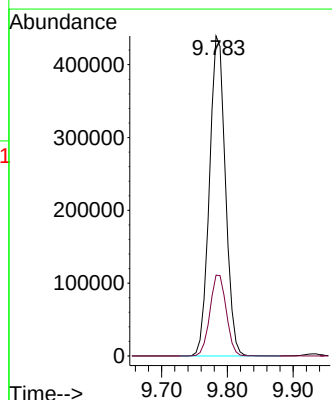
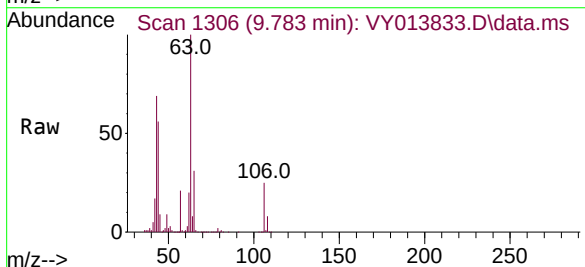
Acq: 23 May 2023 13:15

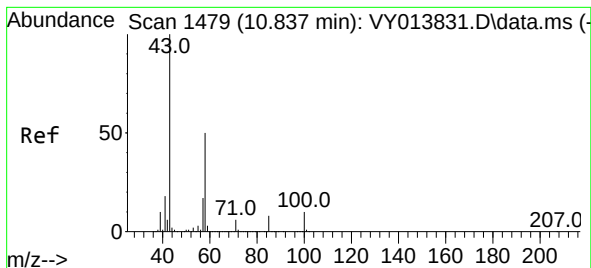
Tgt Ion: 63 Resp: 741213

Ion Ratio Lower Upper

63 100

106 25.9 21.3 31.9

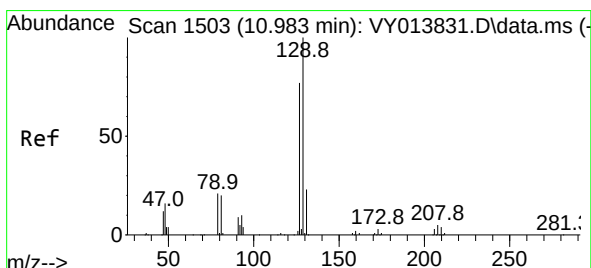
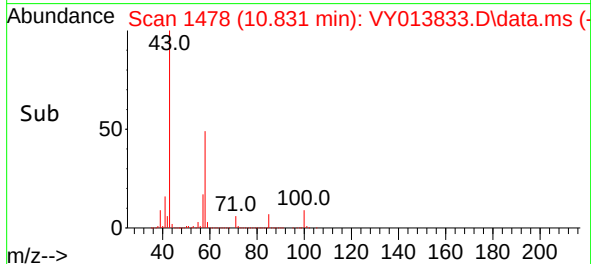
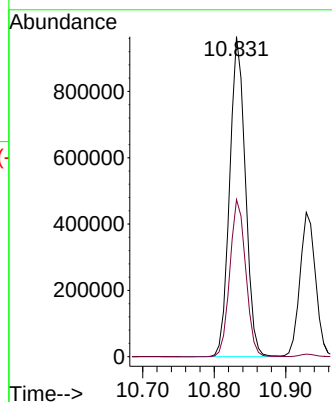
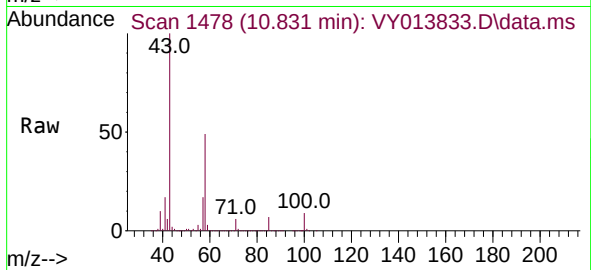




#59
2-Hexanone
Concen: 845.824 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

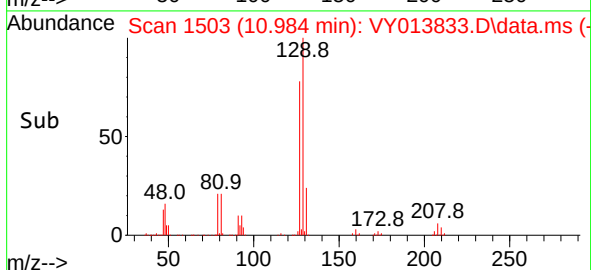
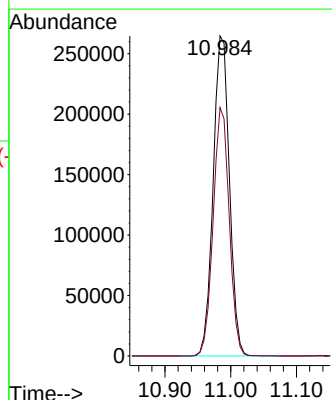
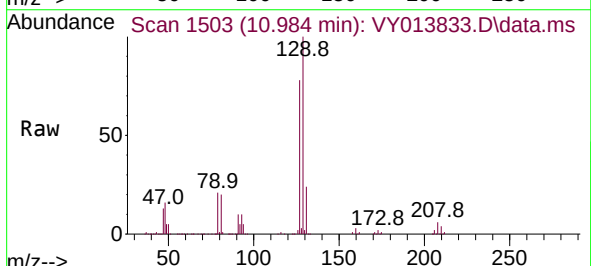
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

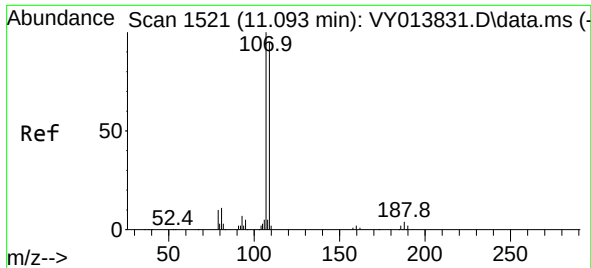
Tgt Ion: 43 Resp: 1472572
Ion Ratio Lower Upper
43 100
58 49.6 24.8 74.3



#60
Dibromochloromethane
Concen: 153.315 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion: 129 Resp: 454276
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0

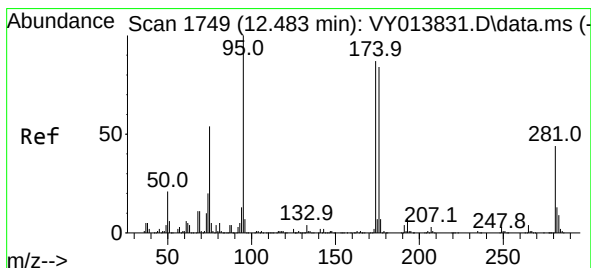
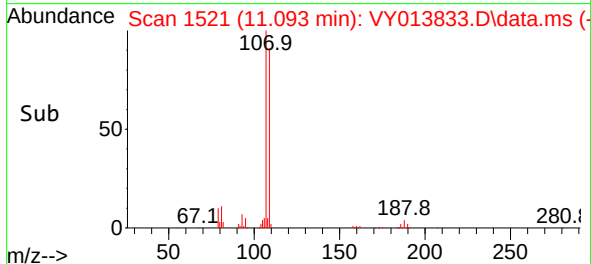
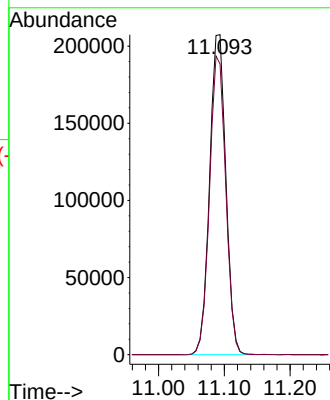
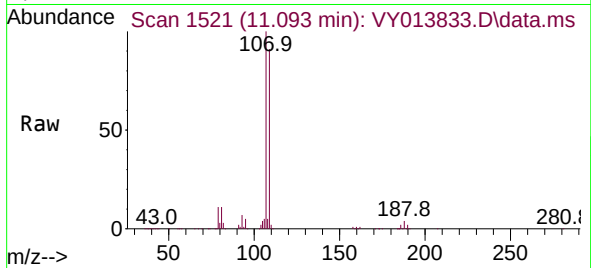




#61
1,2-Dibromoethane
Concen: 160.284 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

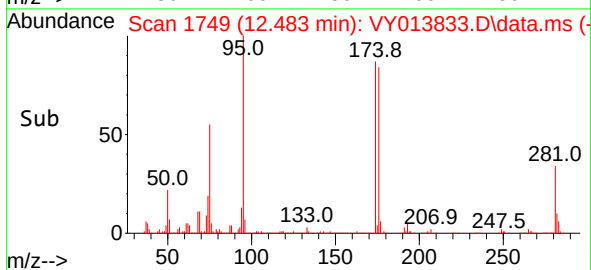
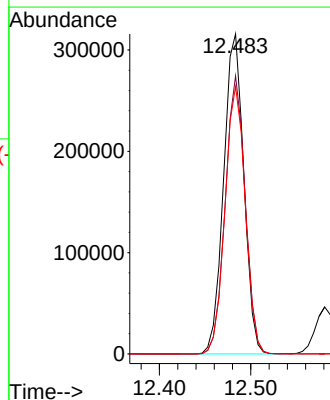
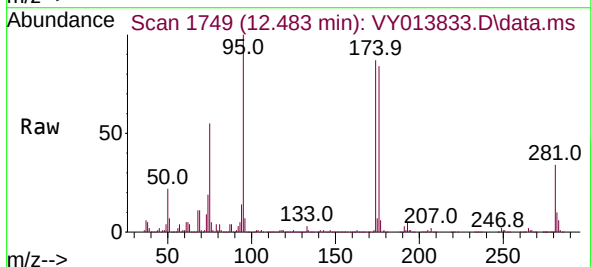
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

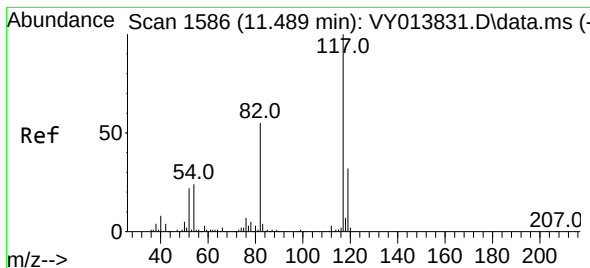
Tgt Ion:107 Resp: 357158
Ion Ratio Lower Upper
107 100
109 92.8 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 141.453 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion: 95 Resp: 484771
Ion Ratio Lower Upper
95 100
174 85.8 0.0 176.0
176 83.9 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

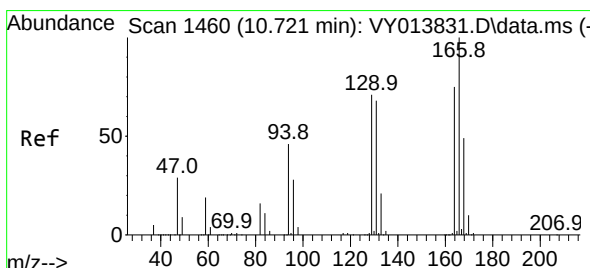
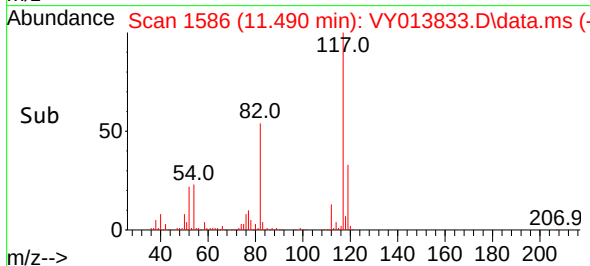
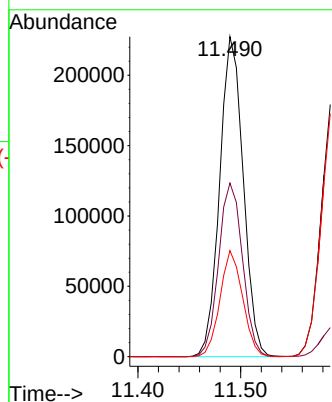
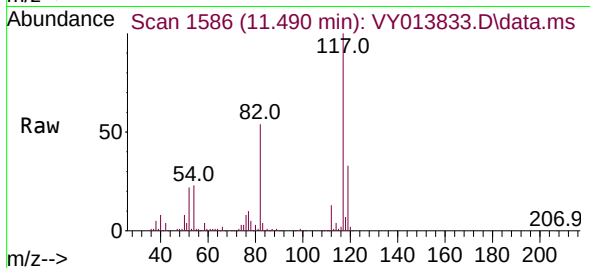
Tgt Ion:117 Resp: 362155

Ion Ratio Lower Upper

117 100

82 54.3 44.2 66.4

119 33.2 25.7 38.5



#64

Tetrachloroethene

Concen: 157.639 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Tgt Ion:164 Resp: 422407

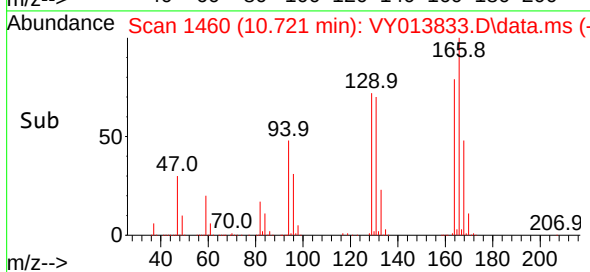
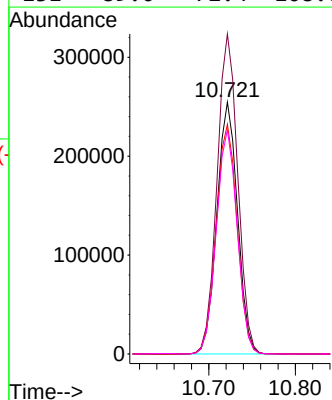
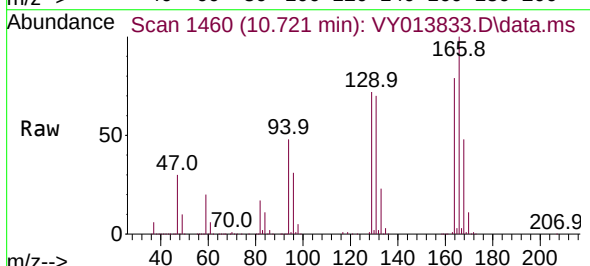
Ion Ratio Lower Upper

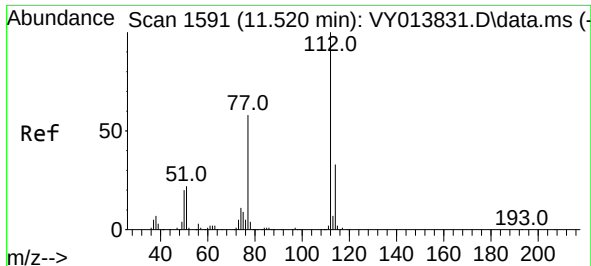
164 100

166 127.1 106.2 159.2

129 91.2 75.4 113.0

131 89.0 72.4 108.6

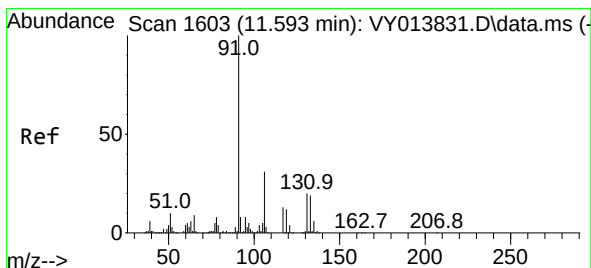
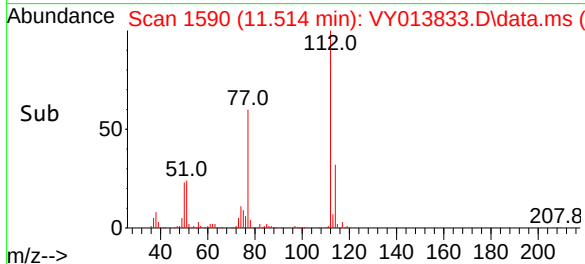
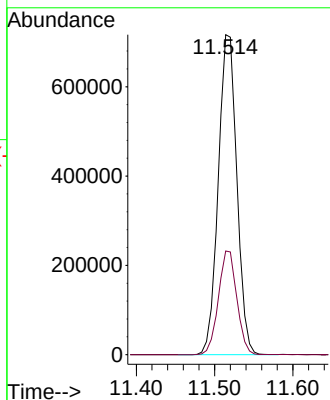
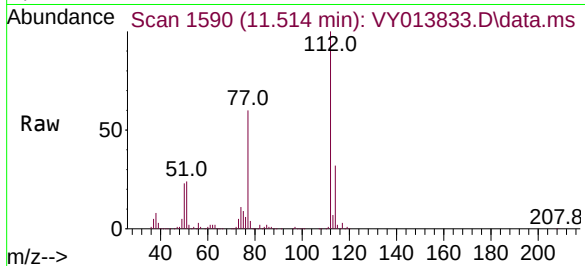




#65
Chlorobenzene
Concen: 155.673 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

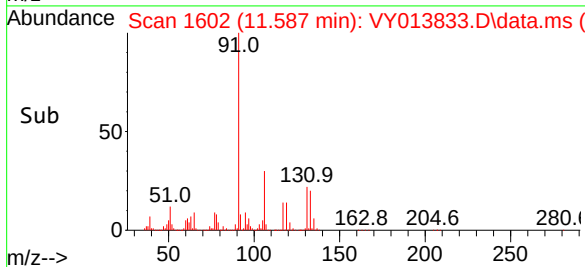
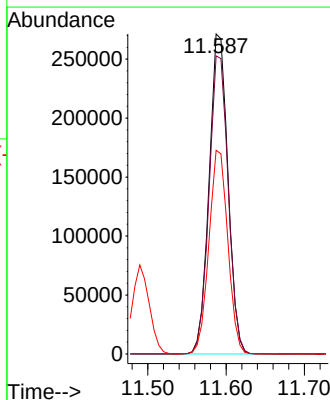
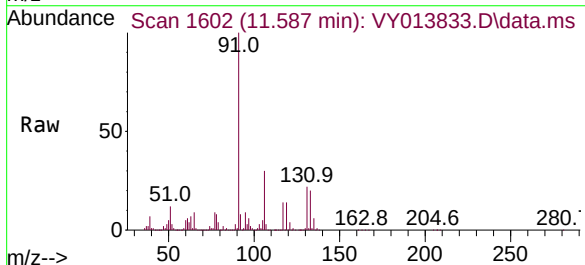
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

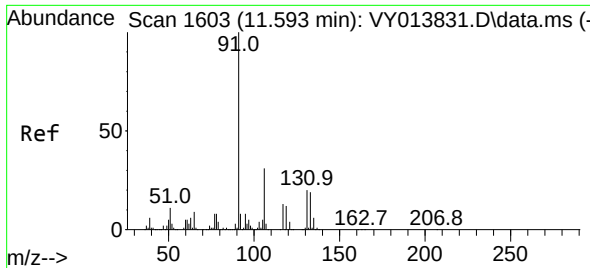
Tgt Ion:112 Resp: 1181614
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 154.337 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion:131 Resp: 452136
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.7
119 64.0 32.1 96.5

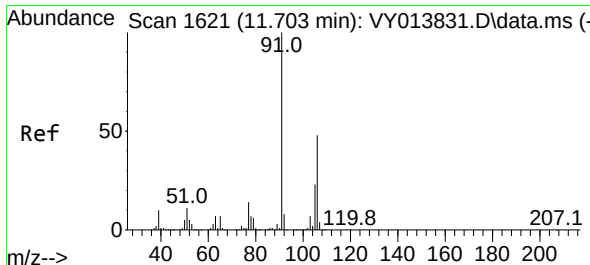
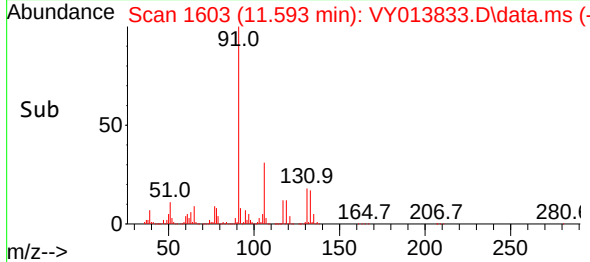
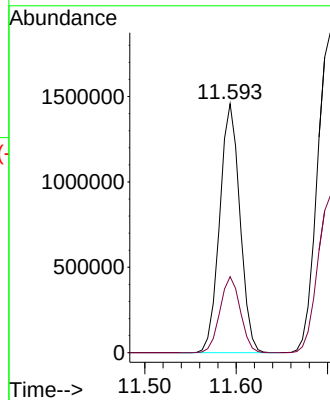
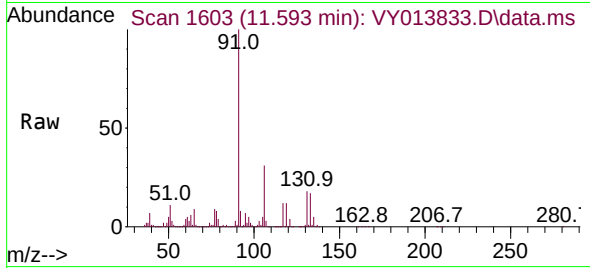




#67
Ethyl Benzene
Concen: 164.052 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

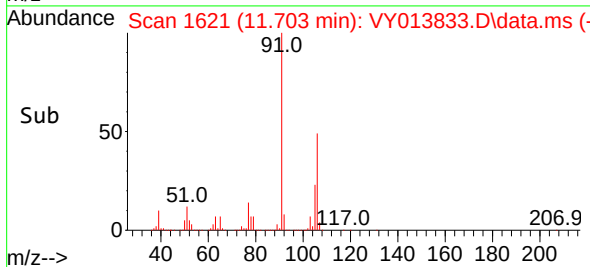
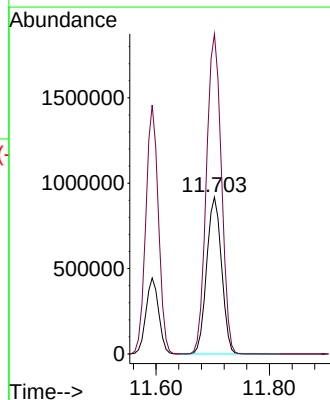
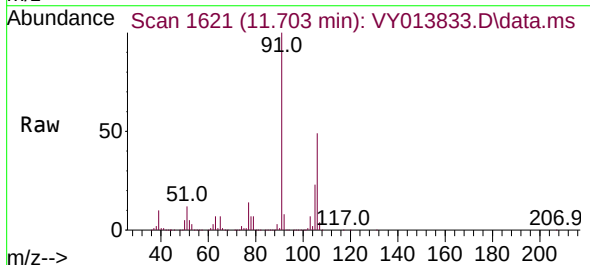
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

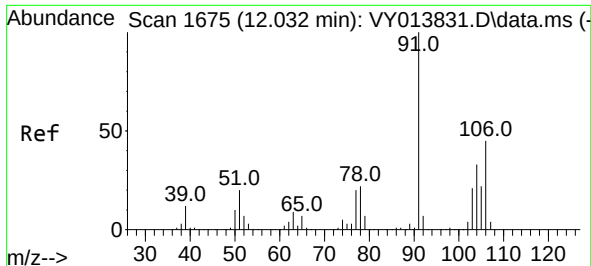
Tgt Ion: 91 Resp: 2240841
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1



#68
m/p-Xylenes
Concen: 324.125 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion:106 Resp: 1675480
Ion Ratio Lower Upper
106 100
91 205.5 164.9 247.3

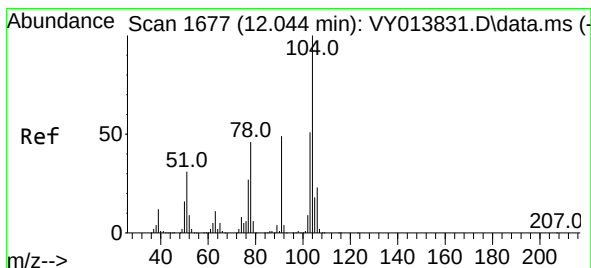
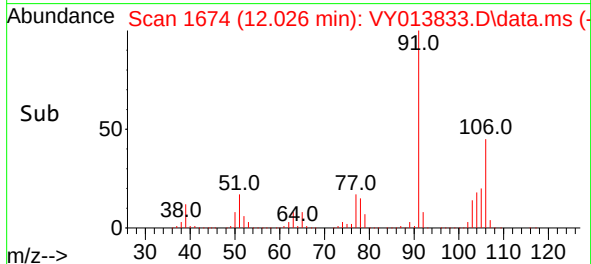
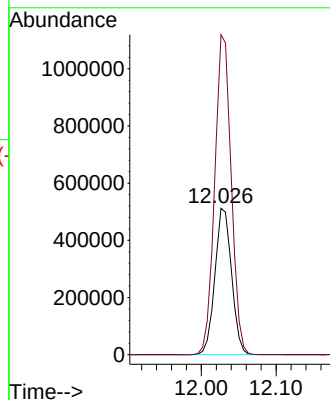
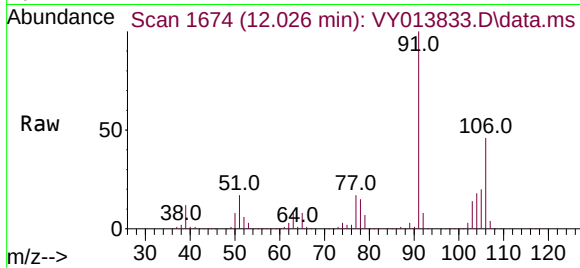




#69
o-Xylene
Concen: 163.175 ug/l
RT: 12.026 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

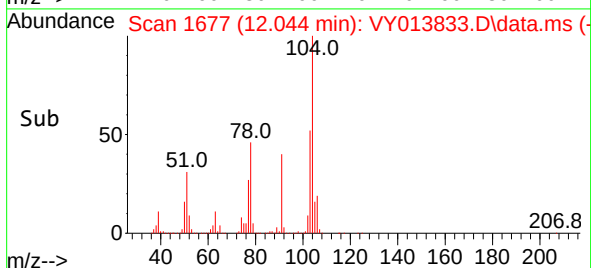
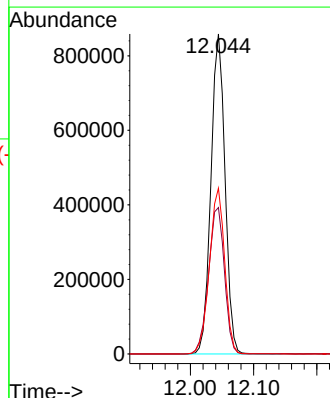
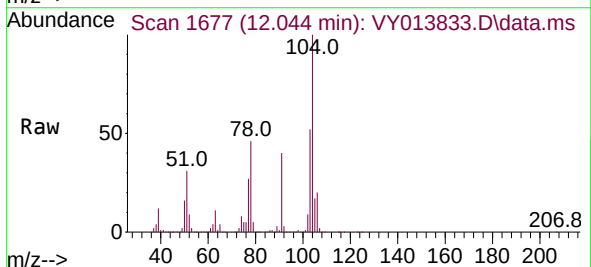
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

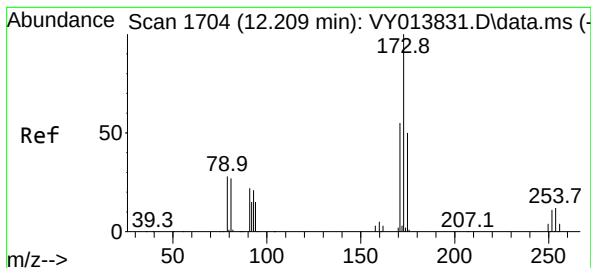
Tgt Ion:106 Resp: 794538
Ion Ratio Lower Upper
106 100
91 217.2 109.0 327.0



#70
Styrene
Concen: 161.779 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion:104 Resp: 1334362
Ion Ratio Lower Upper
104 100
78 51.7 40.8 61.2
103 55.9 44.2 66.4





#71

Bromoform

Concen: 155.989 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

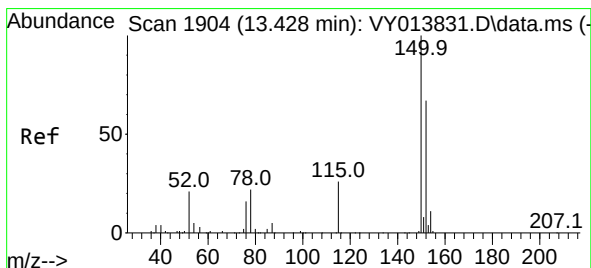
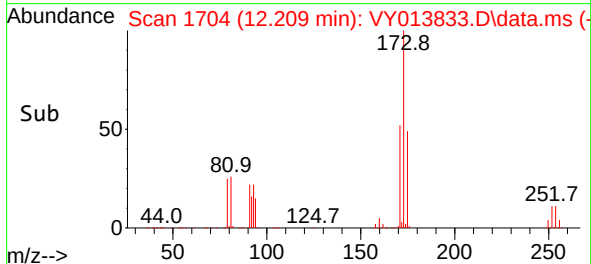
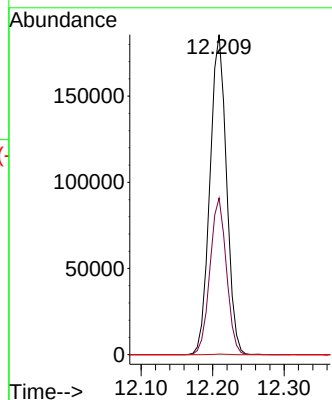
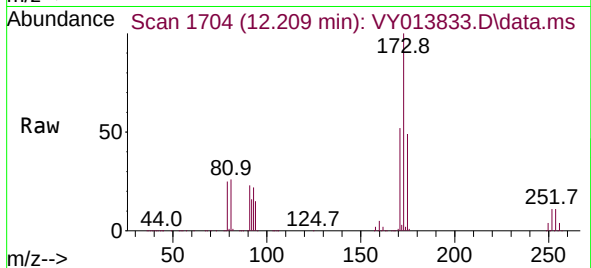
Tgt Ion:173 Resp: 298674

Ion Ratio Lower Upper

173 100

175 48.5 25.1 75.4

254 0.2 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: VY013833.D

Acq: 23 May 2023 13:15

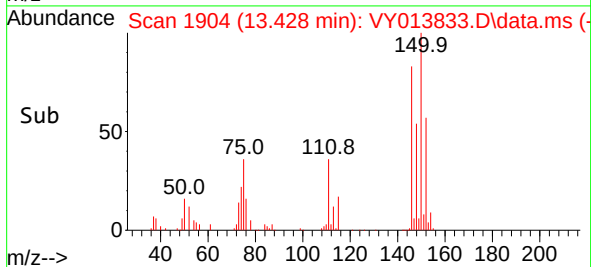
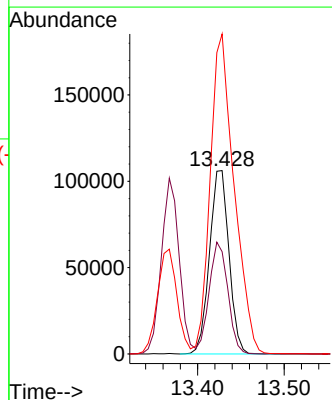
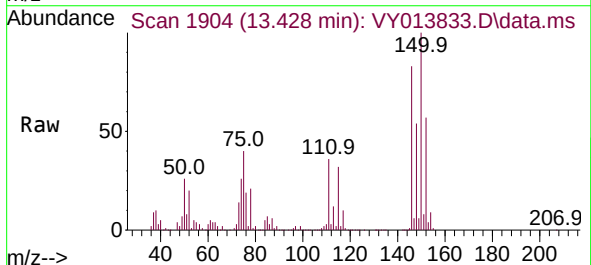
Tgt Ion:152 Resp: 165763

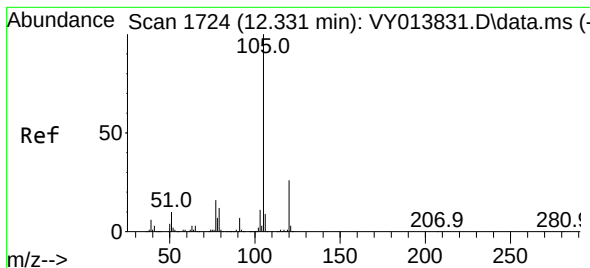
Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 214.3 0.0 353.4





#73

Isopropylbenzene

Concen: 168.976 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

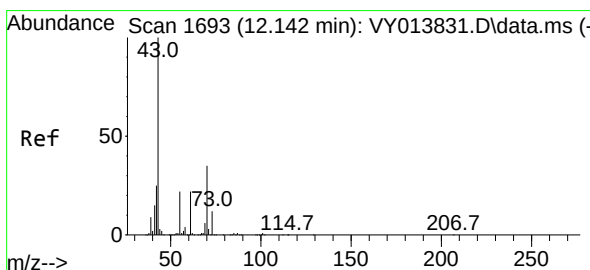
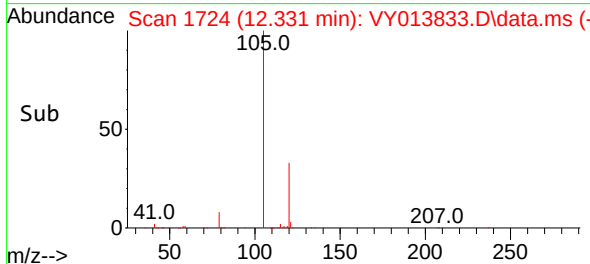
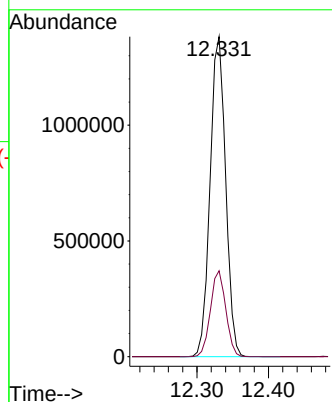
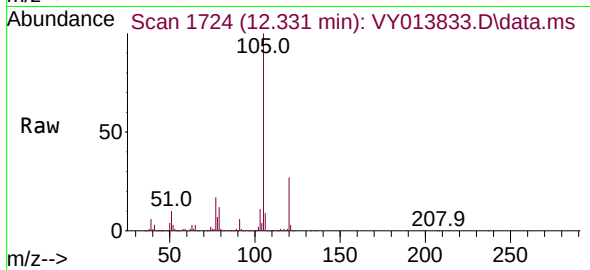
VSTDIC150

Tgt Ion:105 Resp: 2084757

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



#74

N-ethyl acetate

Concen: 179.763 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Tgt Ion: 43 Resp: 666805

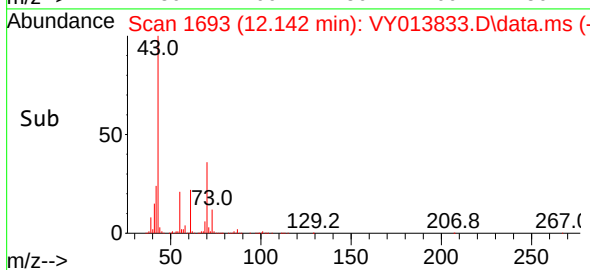
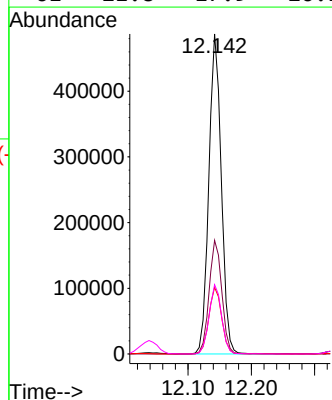
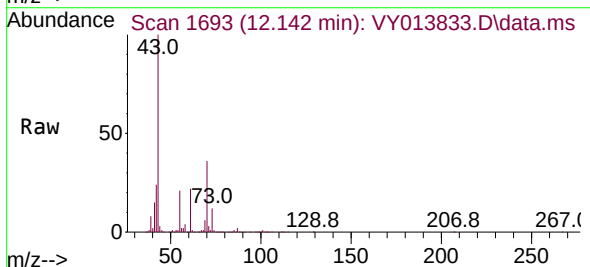
Ion Ratio Lower Upper

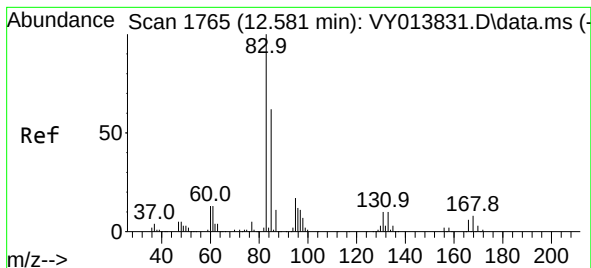
43 100

70 36.1 29.3 43.9

55 21.5 18.0 27.0

61 21.8 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 164.038 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

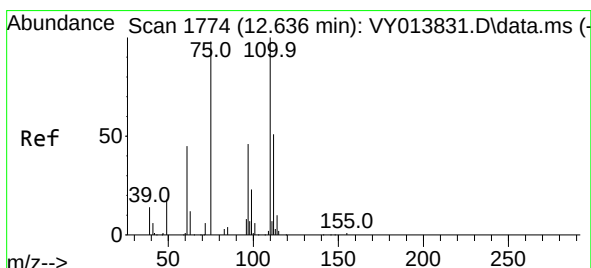
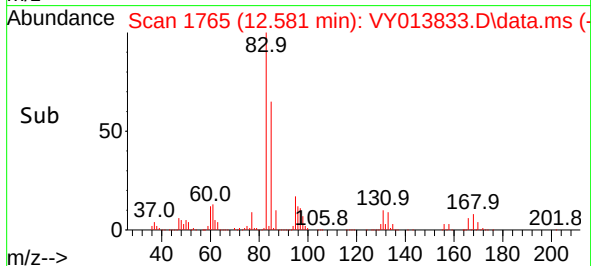
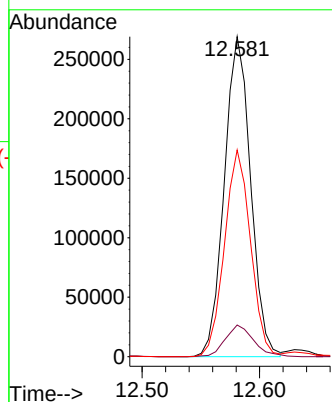
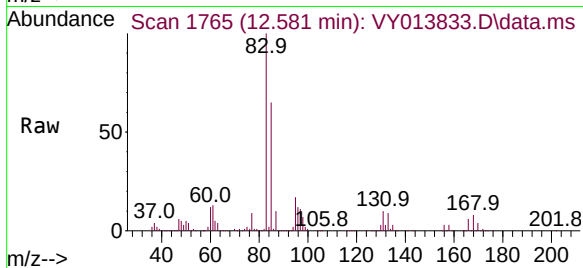
Tgt Ion: 83 Resp: 418954

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

85 64.0 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 291.545 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY013833.D

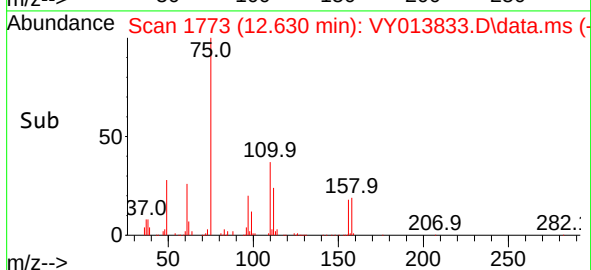
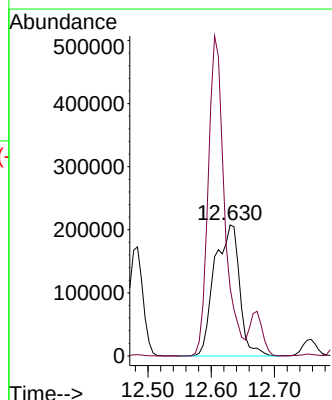
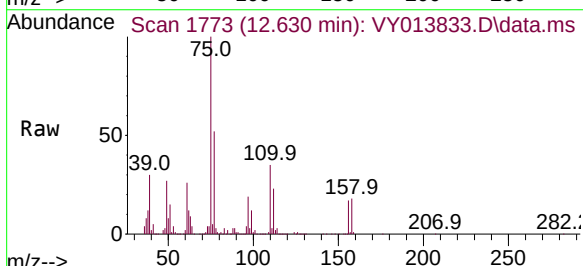
Acq: 23 May 2023 13:15

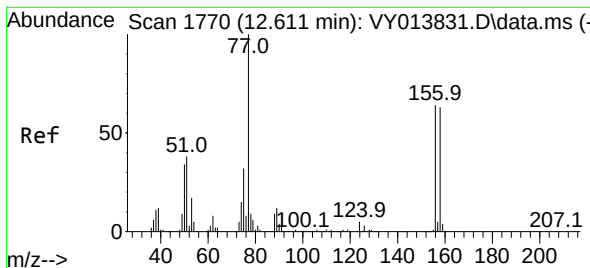
Tgt Ion: 75 Resp: 569844

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 160.536 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

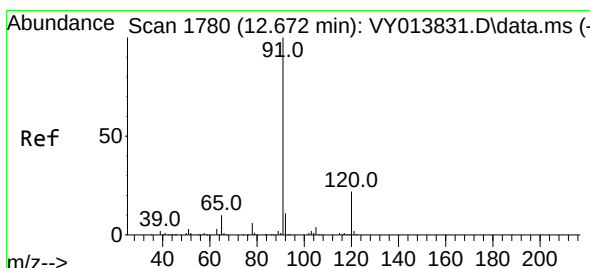
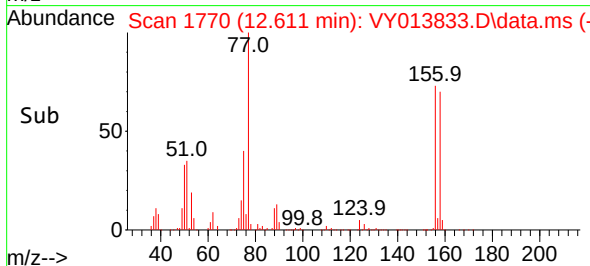
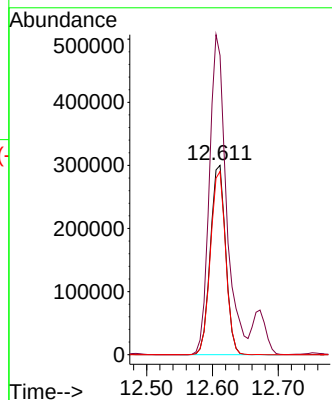
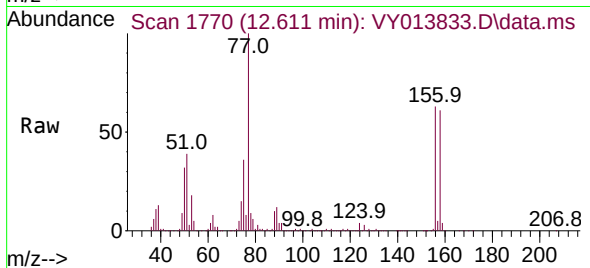
Tgt Ion:156 Resp: 485985

Ion Ratio Lower Upper

156 100

77 187.9 91.6 274.8

158 96.6 48.9 146.6



#78

n-propylbenzene

Concen: 166.056 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013833.D

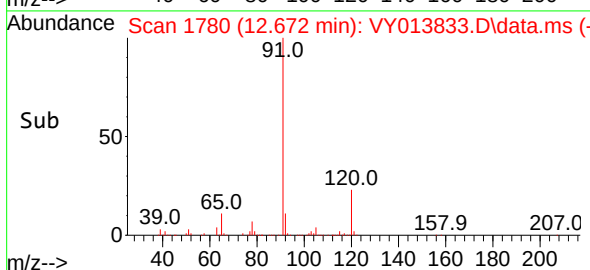
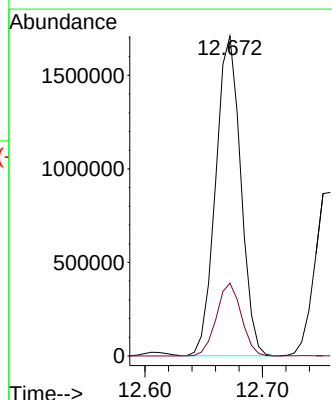
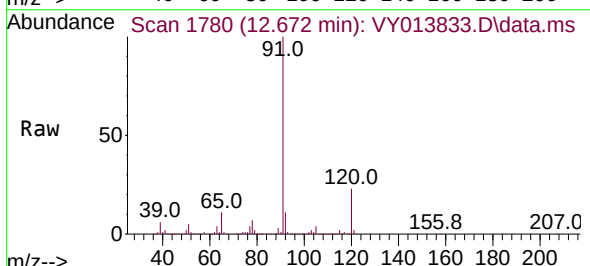
Acq: 23 May 2023 13:15

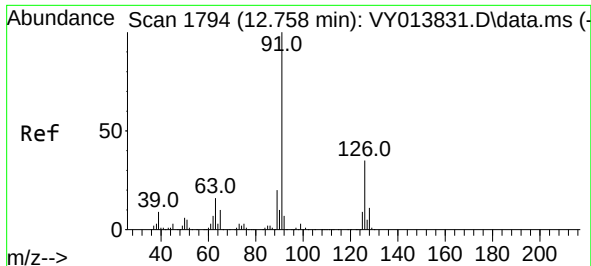
Tgt Ion: 91 Resp: 2531017

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.9

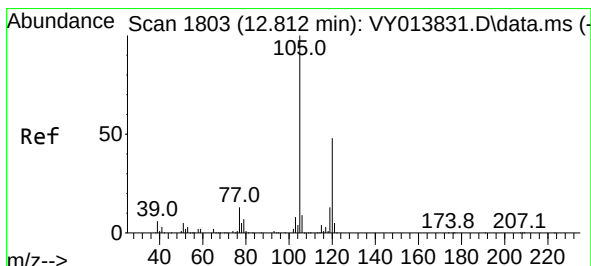
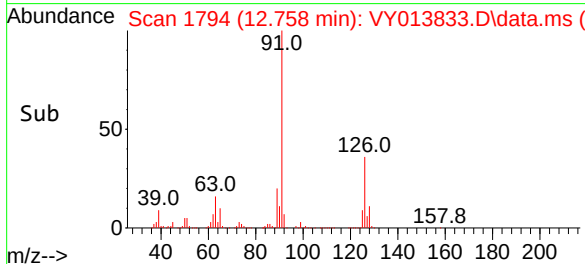
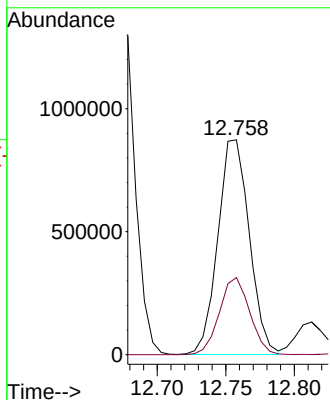
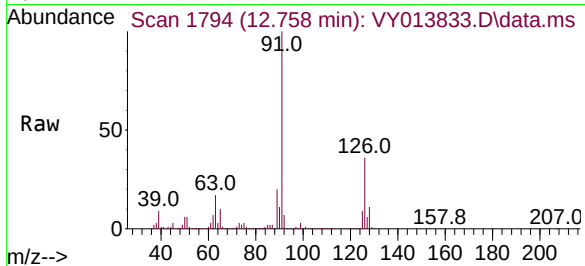




#79
2-Chlorotoluene
Concen: 163.871 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

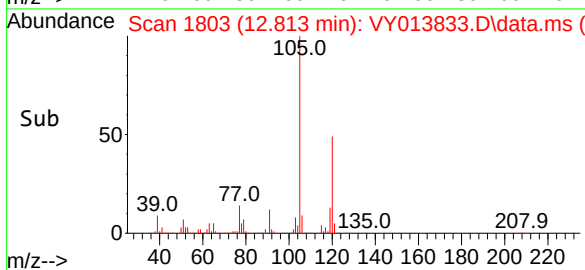
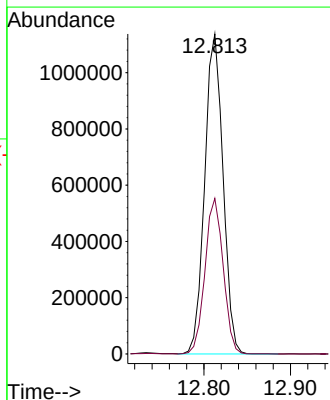
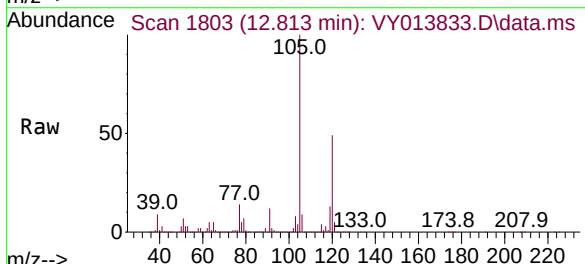
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

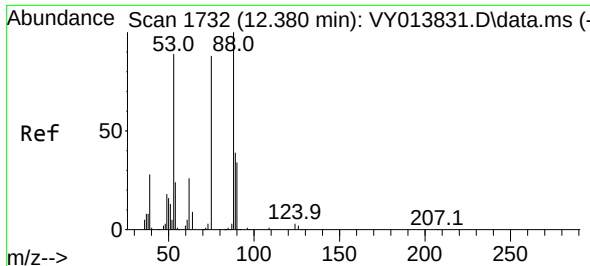
Tgt Ion: 91 Resp: 1395153
Ion Ratio Lower Upper
91 100
126 34.5 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 164.128 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion:105 Resp: 1671497
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.7

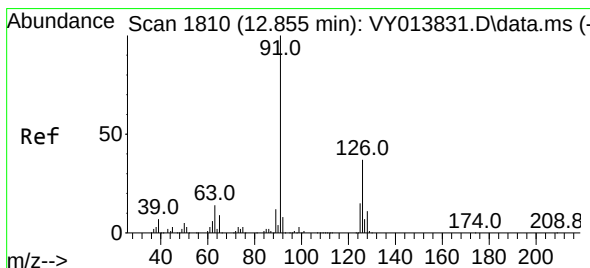
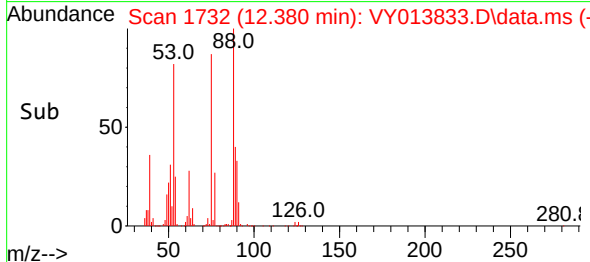
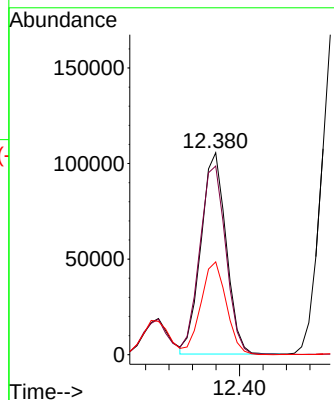
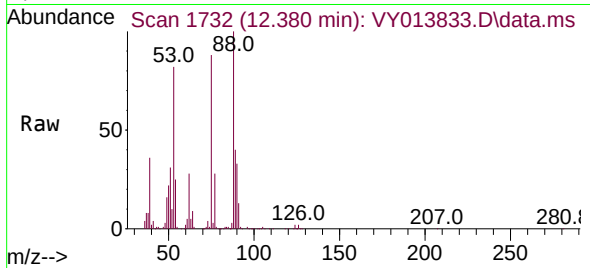




#81
trans-1,4-Dichloro-2-butene
Concen: 174.413 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

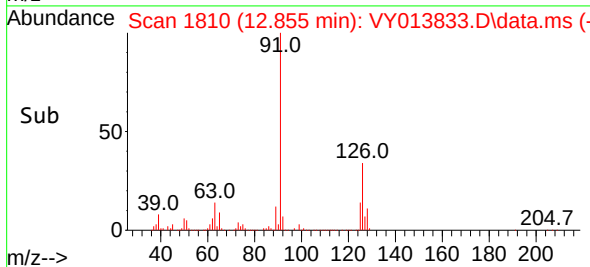
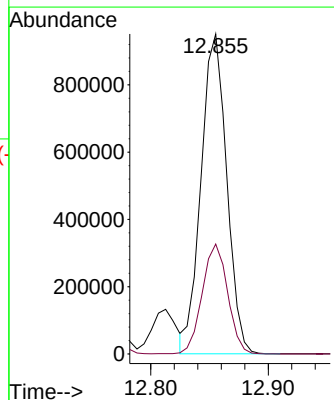
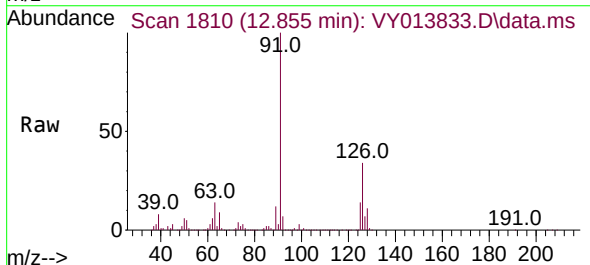
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

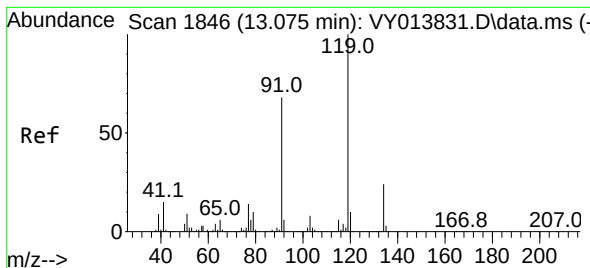
Tgt Ion: 75 Resp: 157048
Ion Ratio Lower Upper
75 100
53 97.4 79.7 119.5
89 46.5 36.4 54.6



#82
4-Chlorotoluene
Concen: 163.934 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion: 91 Resp: 1442560
Ion Ratio Lower Upper
91 100
126 34.1 17.9 53.7





#83

tert-Butylbenzene

Concen: 164.872 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

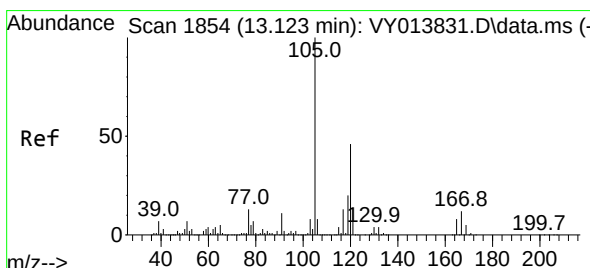
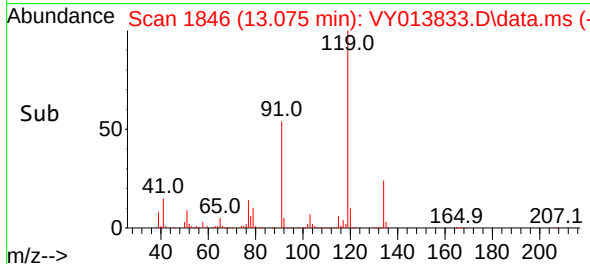
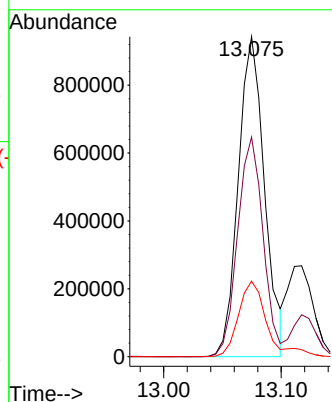
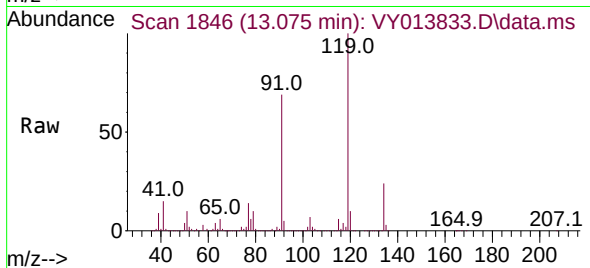
Tgt Ion:119 Resp: 1462398

Ion Ratio Lower Upper

119 100

91 66.5 33.7 101.0

134 25.5 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 165.723 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013833.D

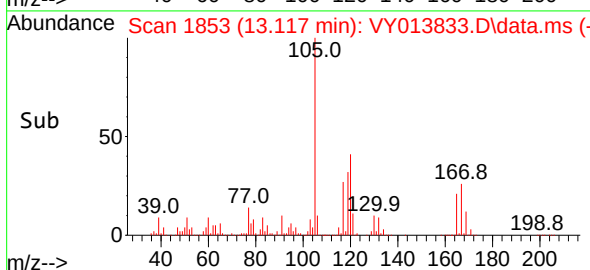
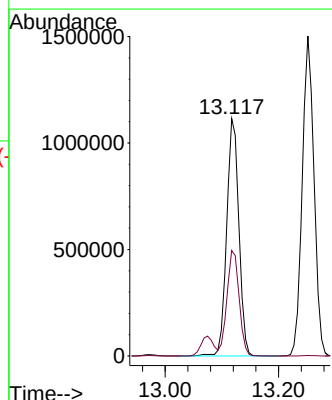
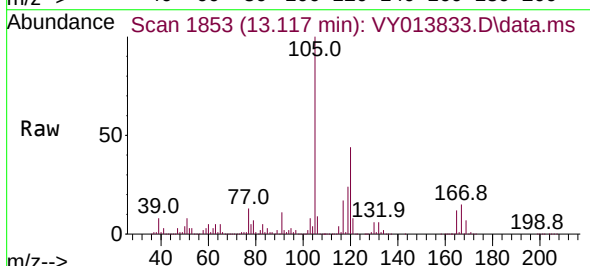
Acq: 23 May 2023 13:15

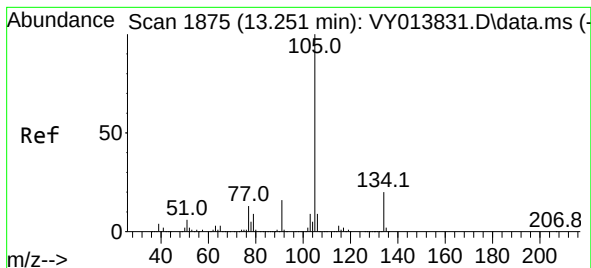
Tgt Ion:105 Resp: 1656697

Ion Ratio Lower Upper

105 100

120 44.4 22.4 67.3





#85

sec-Butylbenzene

Concen: 163.830 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

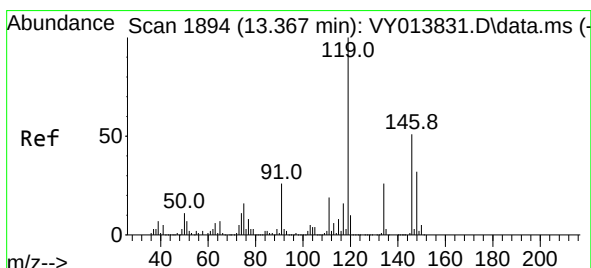
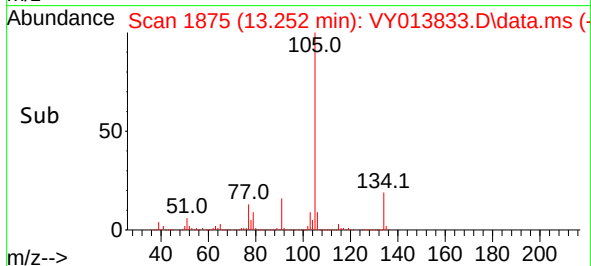
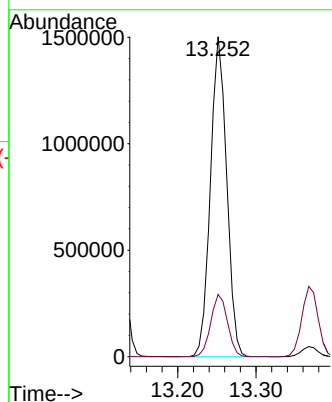
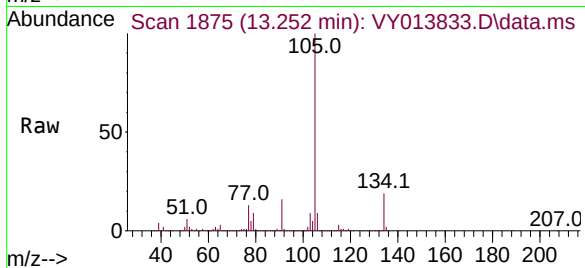
VSTDIC150

Tgt Ion:105 Resp: 2158617

Ion Ratio Lower Upper

105 100

134 20.0 10.3 30.8



#86

p-Isopropyltoluene

Concen: 164.322 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

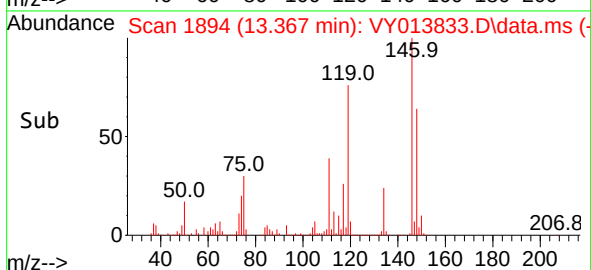
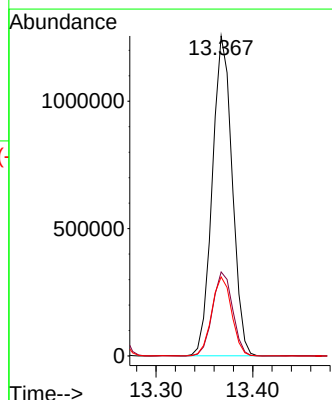
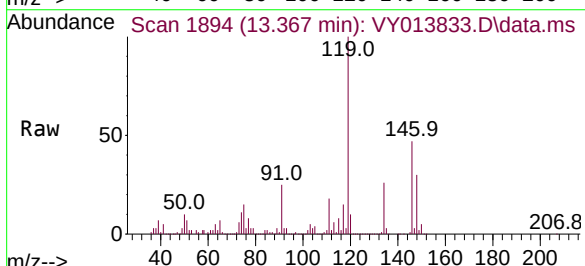
Tgt Ion:119 Resp: 1789491

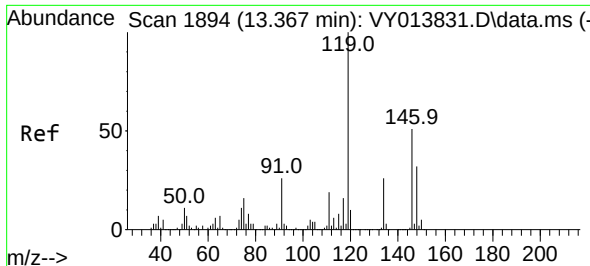
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 24.8 12.4 37.4

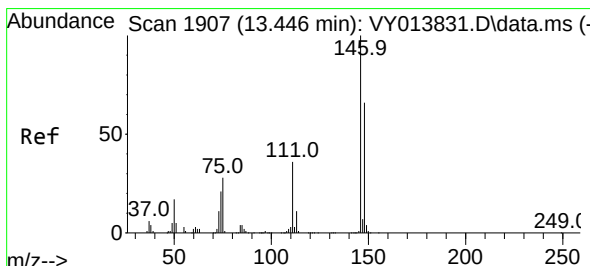
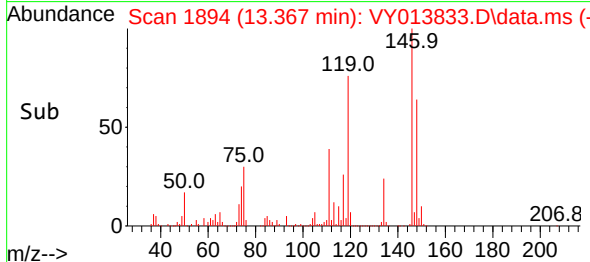
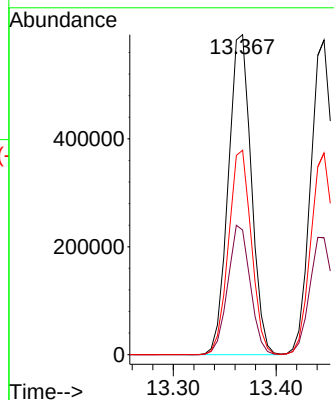
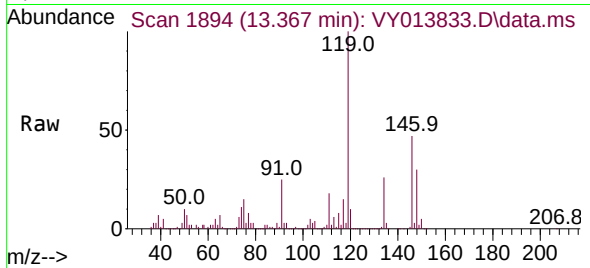




#87
1,3-Dichlorobenzene
Concen: 157.711 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

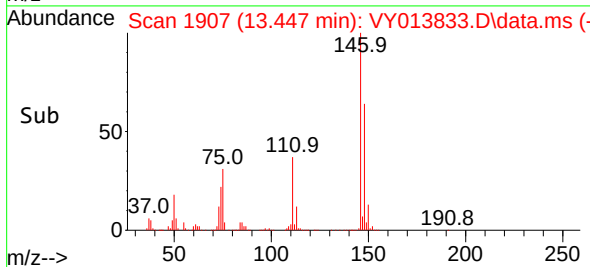
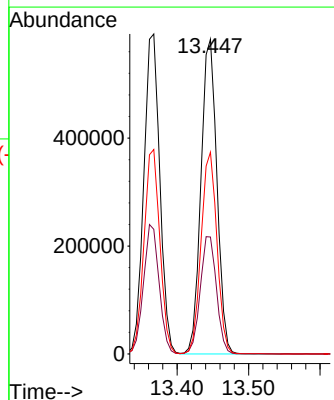
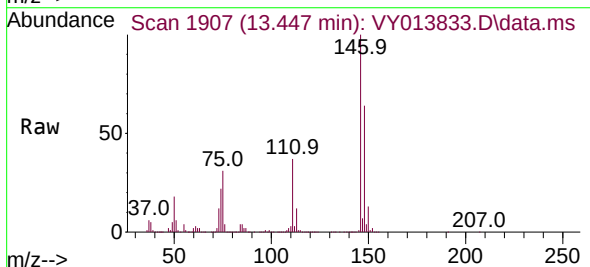
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

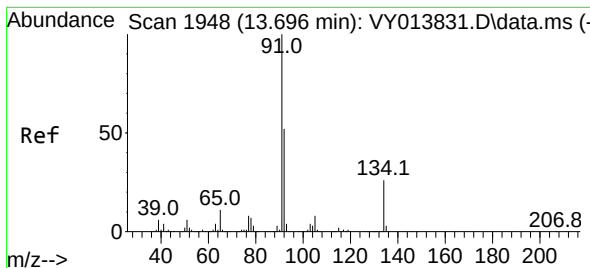
Tgt Ion:146 Resp: 922126
Ion Ratio Lower Upper
146 100
111 39.5 19.1 57.5
148 63.5 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 155.014 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013833.D
Acq: 23 May 2023 13:15

Tgt Ion:146 Resp: 902347
Ion Ratio Lower Upper
146 100
111 37.8 18.6 55.8
148 63.9 32.4 97.2





#89

n-Butylbenzene

Concen: 166.563 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Instrument :

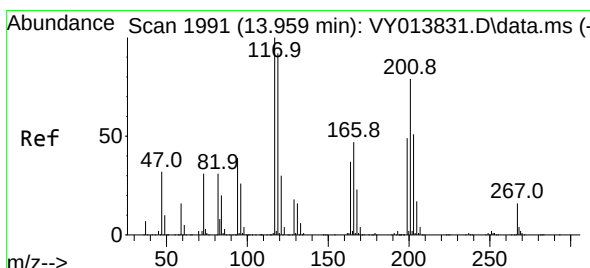
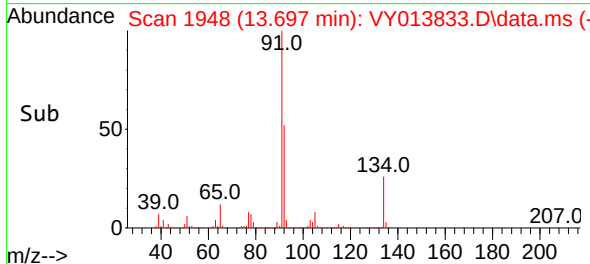
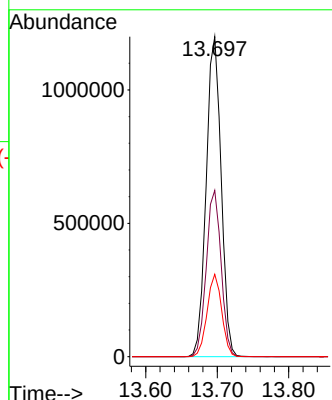
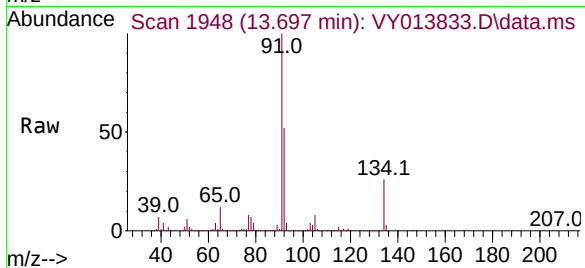
MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1739466

Ion	Ratio	Lower	Upper
91	100		
92	51.7	25.6	76.6
134	25.2	13.0	38.9



#90

Hexachloroethane

Concen: 159.150 ug/l

RT: 13.959 min Scan# 1991

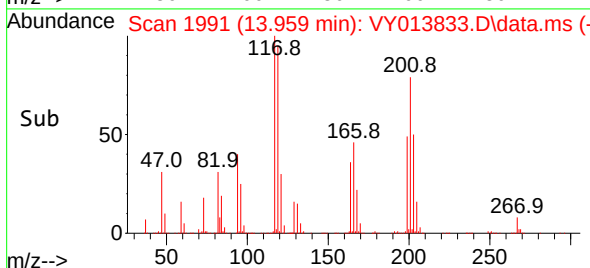
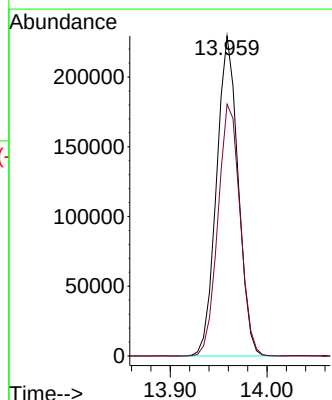
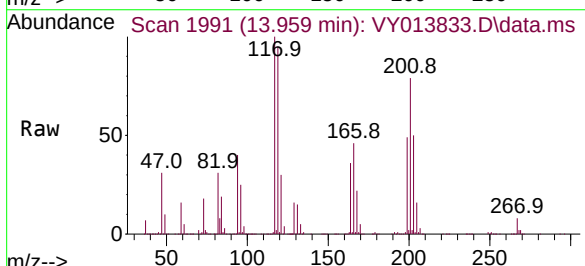
Delta R.T. 0.000 min

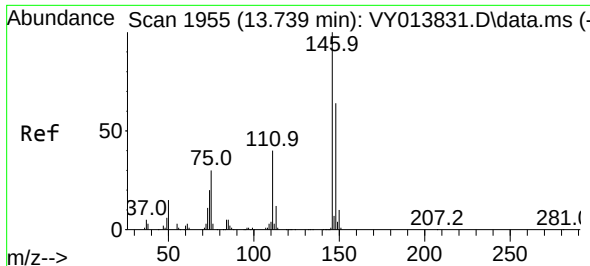
Lab File: VY013833.D

Acq: 23 May 2023 13:15

Tgt Ion: 117 Resp: 355852

Ion	Ratio	Lower	Upper
117	100		
201	80.6	42.3	126.8

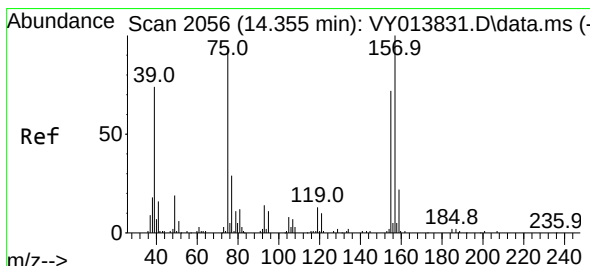
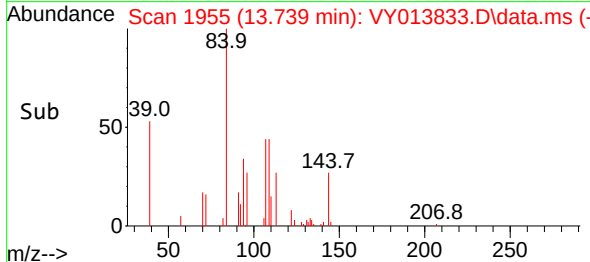
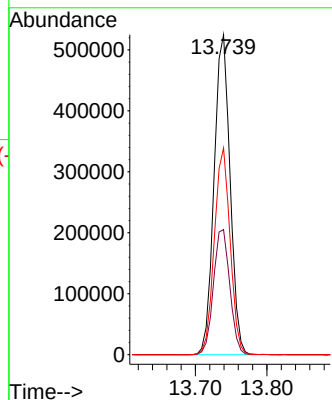
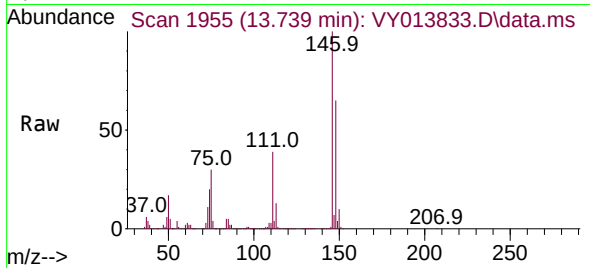




#91
 1,2-Dichlorobenzene
 Concen: 156.682 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY013833.D
 Acq: 23 May 2023 13:15

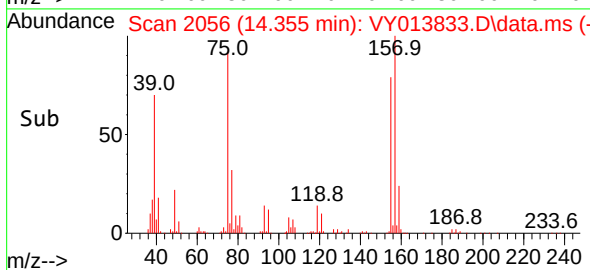
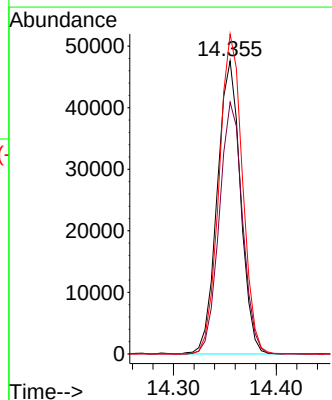
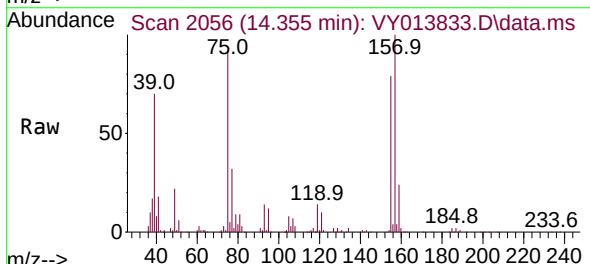
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

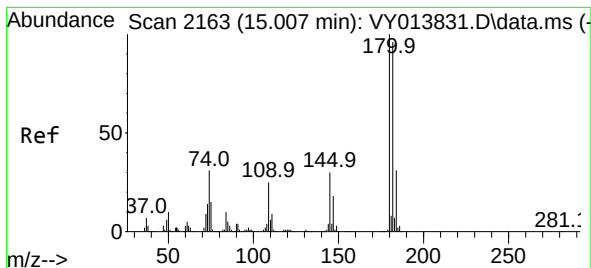
Tgt Ion:146 Resp: 814161
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.6 58.8
 148 63.8 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 166.344 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY013833.D
 Acq: 23 May 2023 13:15

Tgt Ion: 75 Resp: 74432
 Ion Ratio Lower Upper
 75 100
 155 86.0 39.9 119.6
 157 109.9 54.6 163.8





#93

1,2,4-Trichlorobenzene

Concen: 169.486 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

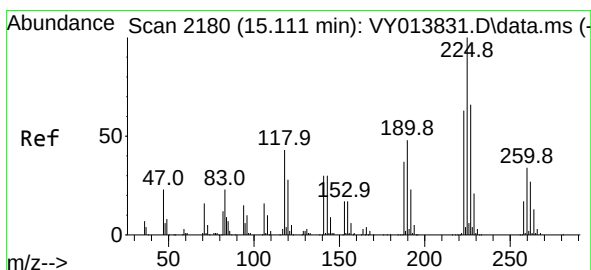
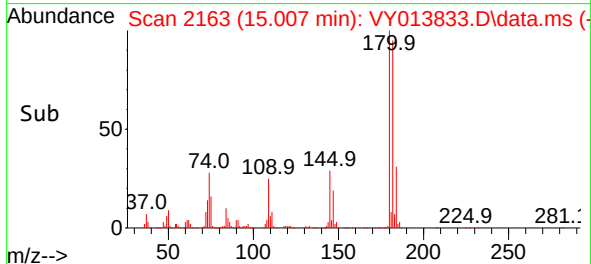
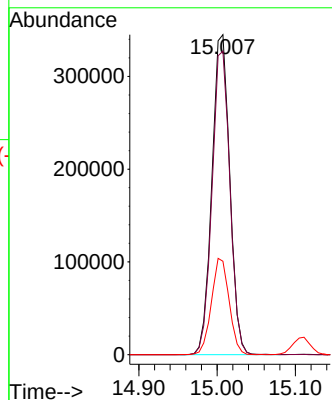
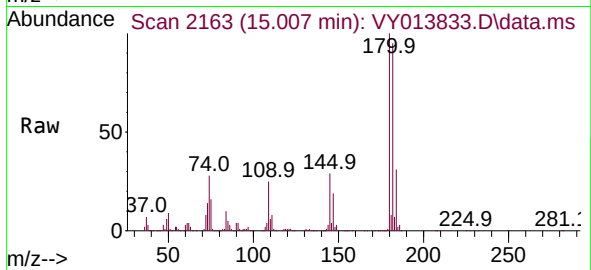
Tgt Ion:180 Resp: 545975

Ion Ratio Lower Upper

180 100

182 95.1 48.1 144.3

145 29.9 14.8 44.4



#94

Hexachlorobutadiene

Concen: 154.990 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

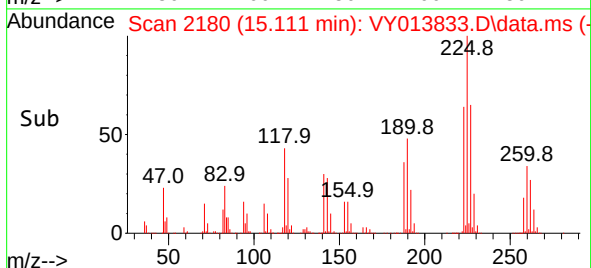
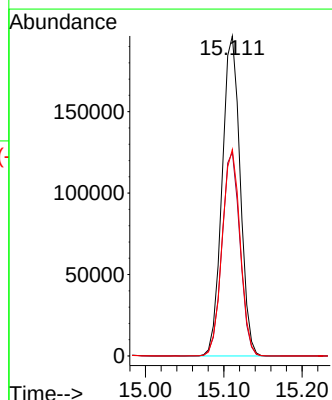
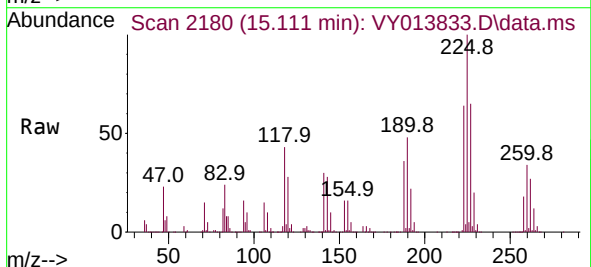
Tgt Ion:225 Resp: 314805

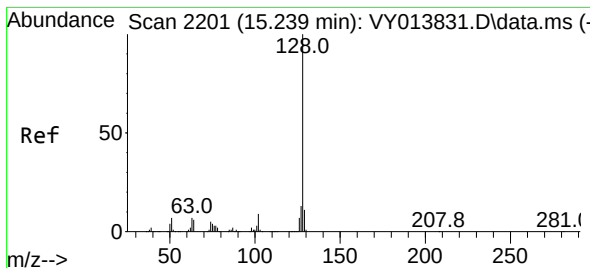
Ion Ratio Lower Upper

225 100

223 63.3 31.3 93.9

227 64.5 32.9 98.6





#95

Naphthalene

Concen: 153.439 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

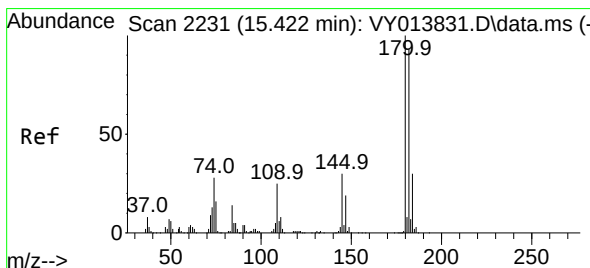
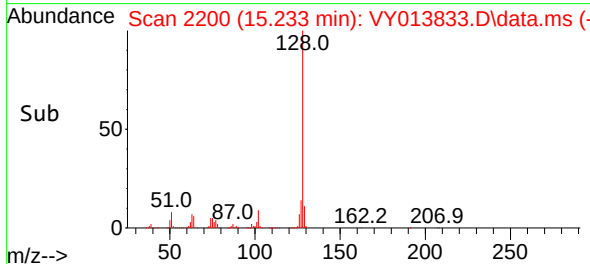
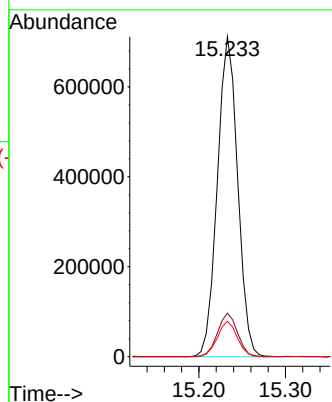
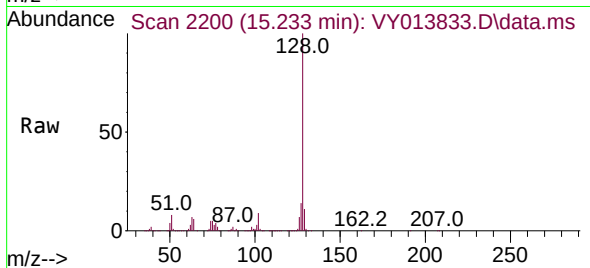
Tgt Ion:128 Resp: 1158755

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.9 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 169.565 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013833.D

Acq: 23 May 2023 13:15

Tgt Ion:180 Resp: 485759

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.2

145 31.6 15.5 46.5

