

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022123\
 Data File : VY012679.D
 Acq On : 21 Feb 2023 17:09
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 22 01:08:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	120865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	183382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	159801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77377	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	201983	141.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	283.000%#
35) Dibromofluoromethane	7.716	113	178409	144.038	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	288.080%#
50) Toluene-d8	10.179	98	672012	144.818	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	289.640%#
62) 4-Bromofluorobenzene	12.483	95	219353	147.716	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	295.440%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	180434	145.206	ug/l	98
3) Chloromethane	2.113	50	208732	148.143	ug/l	99
4) Vinyl Chloride	2.253	62	199425	145.248	ug/l	100
5) Bromomethane	2.637	94	118182	157.169	ug/l	98
6) Chloroethane	2.790	64	122559	140.226	ug/l	98
7) Trichlorofluoromethane	3.125	101	323513	146.175	ug/l	98
8) Diethyl Ether	3.528	74	112950	142.547	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	188432	142.470	ug/l	99
10) Methyl Iodide	4.088	142	257796	148.861	ug/l	100
11) Tert butyl alcohol	4.954	59	81958	524.870	ug/l	99
12) 1,1-Dichloroethene	3.869	96	183620	143.808	ug/l	93
13) Acrolein	3.723	56	141100	715.189	ug/l	99
14) Allyl chloride	4.479	41	355576	143.488	ug/l	97
15) Acrylonitrile	5.155	53	283708	673.005	ug/l	98
16) Acetone	3.942	43	302202	648.792	ug/l	100
17) Carbon Disulfide	4.192	76	597190	138.986	ug/l	99
18) Methyl Acetate	4.472	43	198948	132.589	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	501063	145.890	ug/l	99
20) Methylene Chloride	4.710	84	196839	147.026	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	198015	142.573	ug/l	97
22) Diisopropyl ether	6.119	45	643995	139.268	ug/l	99
23) Vinyl Acetate	6.058	43	2030677	709.048	ug/l	100
24) 1,1-Dichloroethane	6.015	63	363084	141.601	ug/l	99
25) 2-Butanone	6.984	43	413145	668.288	ug/l	100
26) 2,2-Dichloropropane	6.978	77	325824	145.670	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	218497	143.785	ug/l	99
28) Bromochloromethane	7.332	49	145496	141.704	ug/l	95
29) Tetrahydrofuran	7.344	42	256711	680.155	ug/l	99
30) Chloroform	7.508	83	354602	142.725	ug/l	96
31) Cyclohexane	7.783	56	340387	137.253	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	331057	147.193	ug/l	99
36) 1,1-Dichloropropene	7.917	75	291613	148.530	ug/l	99
37) Ethyl Acetate	7.070	43	179466	135.469	ug/l	99
38) Carbon Tetrachloride	7.899	117	306690	151.074	ug/l	98
39) Methylcyclohexane	9.185	83	351578	155.237	ug/l	97
40) Benzene	8.161	78	792938	144.687	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	244455	378.789	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	251144	147.785	ug/l	98
43) Isopropyl Acetate	8.271	43	336007	146.774	ug/l	100
44) Trichloroethene	8.941	130	209452	147.822	ug/l	99
45) 1,2-Dichloropropane	9.216	63	203056	144.043	ug/l	97
46) Dibromomethane	9.301	93	111083	142.749	ug/l	98
47) Bromodichloromethane	9.496	83	275173	146.887	ug/l	99
48) Methyl methacrylate	9.289	41	162171	151.807	ug/l	96
49) 1,4-Dioxane	9.295	88	23404	2160.068	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	871338	705.593	ug/l	100
52) Toluene	10.246	92	481017	148.136	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	296589	151.506	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	329718	148.847	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	150488	142.380	ug/l	98
56) Ethyl methacrylate	10.508	69	222486	154.136	ug/l	99
57) 1,3-Dichloropropane	10.788	76	266224	143.308	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	543801	721.180	ug/l	99
59) 2-Hexanone	10.831	43	619662	707.829	ug/l	99
60) Dibromochloromethane	10.983	129	190638	148.873	ug/l	99
61) 1,2-Dibromoethane	11.087	107	147724	145.882	ug/l	99
64) Tetrachloroethene	10.721	164	173175	149.005	ug/l	98
65) Chlorobenzene	11.514	112	503854	147.034	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	188735	148.615	ug/l	99
67) Ethyl Benzene	11.593	91	943108	153.968	ug/l	99
68) m/p-Xylenes	11.703	106	708133	303.057	ug/l	100
69) o-Xylene	12.026	106	331686	153.257	ug/l	98
70) Styrene	12.044	104	561392	154.763	ug/l	99
71) Bromoform	12.209	173	122560	151.240	ug/l #	100
73) Isopropylbenzene	12.331	105	889005	155.473	ug/l	99
74) N-amyl acetate	12.142	43	282638	150.364	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	178348	138.719	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	237777	254.955	ug/l #	100
77) Bromobenzene	12.611	156	204832	149.500	ug/l	98
78) n-propylbenzene	12.672	91	1081679	151.235	ug/l	99
79) 2-Chlorotoluene	12.758	91	596097	150.020	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	722511	151.265	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	66756	146.607	ug/l	99
82) 4-Chlorotoluene	12.855	91	620500	150.567	ug/l	99
83) tert-Butylbenzene	13.075	119	631251	154.768	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	710838	152.236	ug/l	100
85) sec-Butylbenzene	13.251	105	938775	151.277	ug/l	100
86) p-Isopropyltoluene	13.367	119	784586	153.517	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	391372	145.840	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	387292	142.317	ug/l	100
89) n-Butylbenzene	13.696	91	749454	153.122	ug/l	100
90) Hexachloroethane	13.959	117	155642	150.064	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	347691	145.072	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	30564	144.622	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	232445	153.351	ug/l	99
94) Hexachlorobutadiene	15.111	225	134482	147.007	ug/l	99
95) Naphthalene	15.239	128	486418	158.815	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	203495	151.673	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:01:34 2023
Response via : Initial Calibration

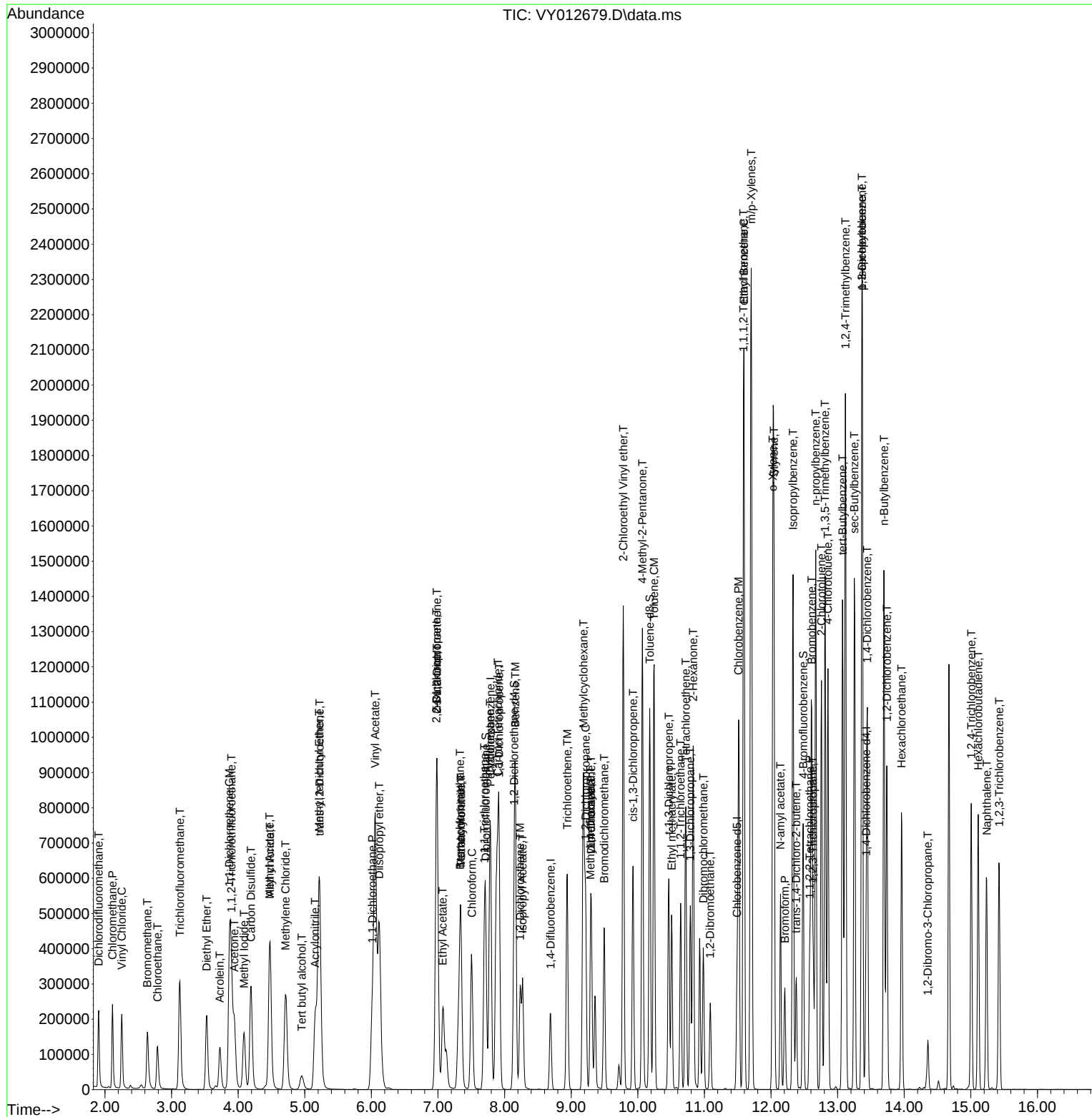
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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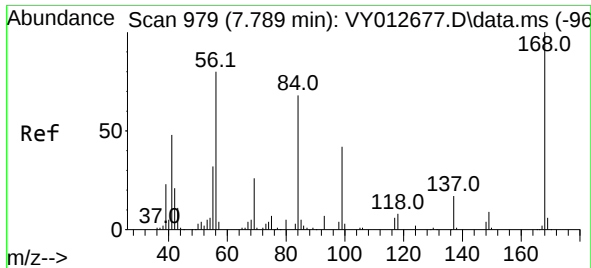
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 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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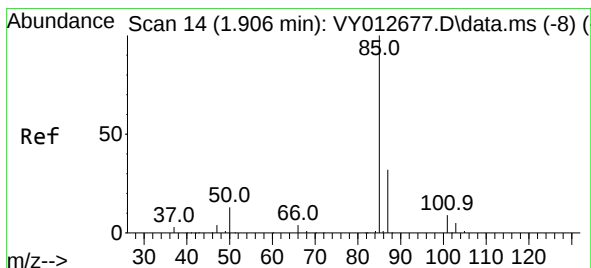
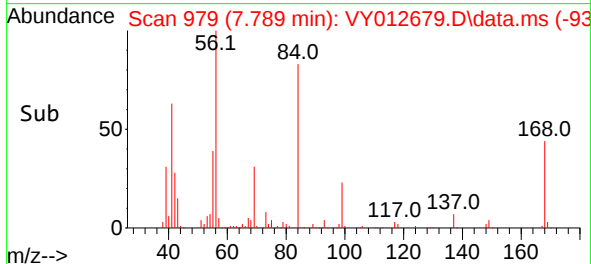
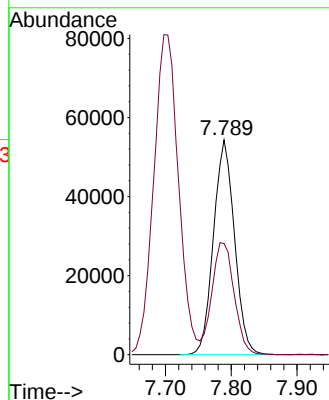
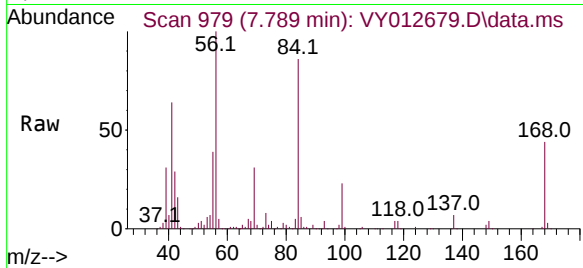




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012679.D
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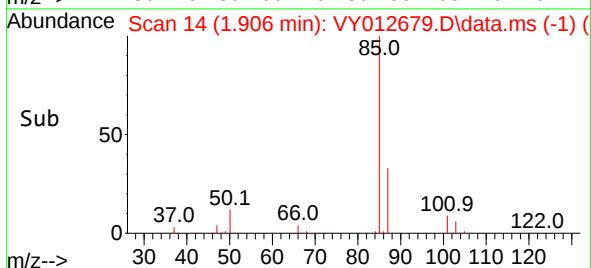
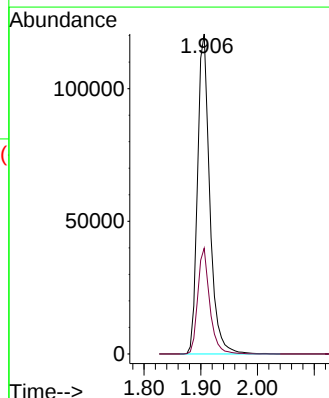
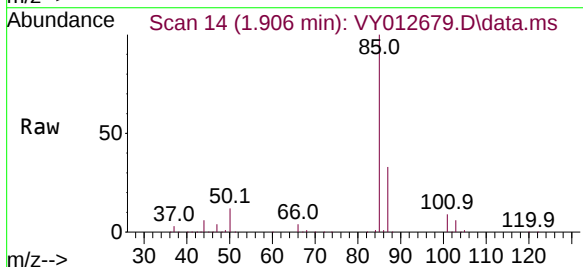
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

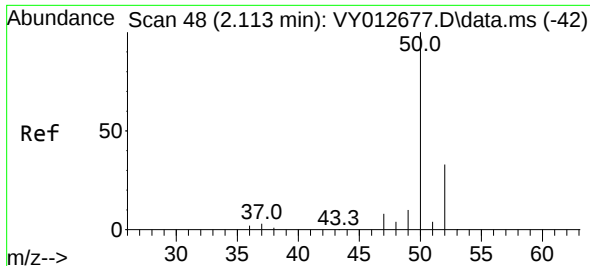
Tgt Ion:168 Resp: 120865
Ion Ratio Lower Upper
168 100
99 51.7 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 145.206 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion: 85 Resp: 180434
Ion Ratio Lower Upper
85 100
87 33.1 16.1 48.2

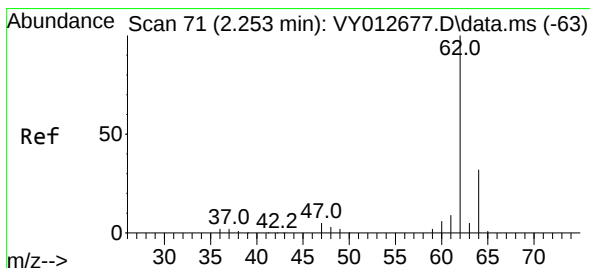
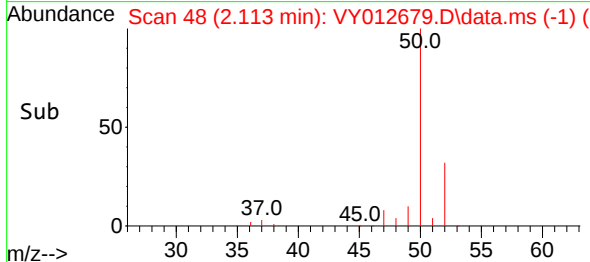
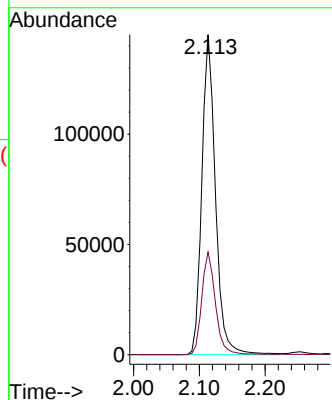
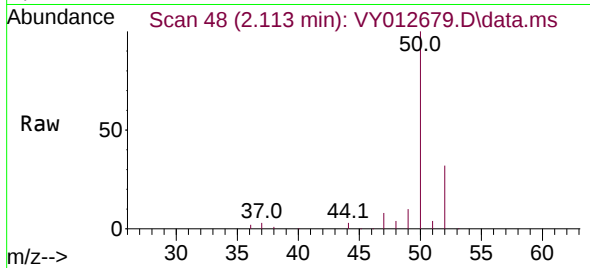




#3
Chloromethane
Concen: 148.143 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

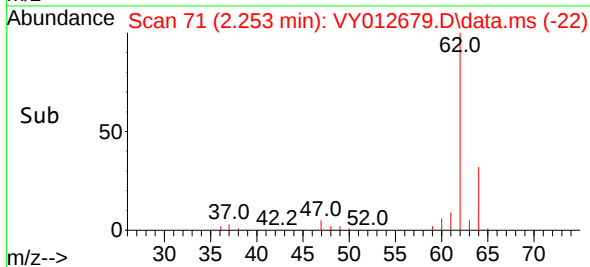
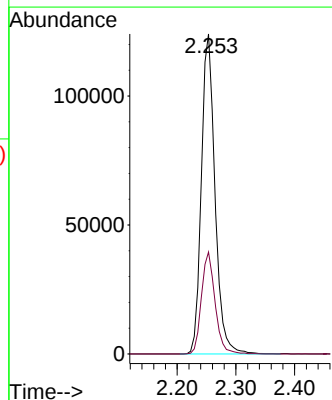
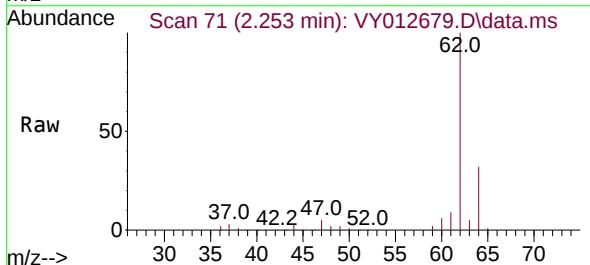
Instrument :
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ClientSampleId :
VSTDIC150

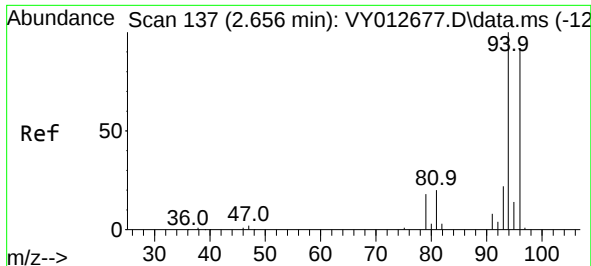
Tgt Ion: 50 Resp: 208732
Ion Ratio Lower Upper
50 100
52 32.0 26.1 39.1



#4
Vinyl Chloride
Concen: 145.248 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion: 62 Resp: 199425
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.2





#5

Bromomethane

Concen: 157.169 ug/l

RT: 2.637 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

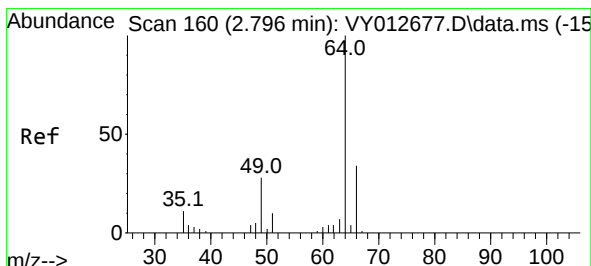
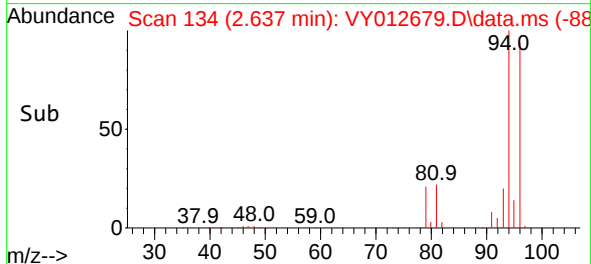
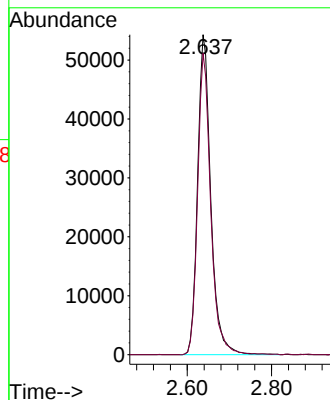
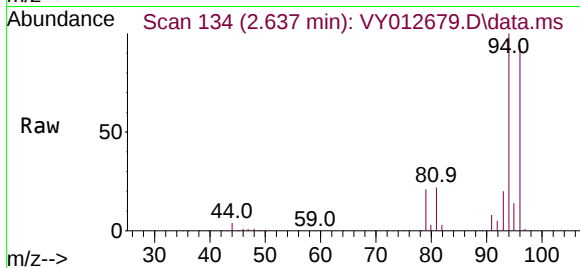
VSTDIC150

Tgt Ion: 94 Resp: 118182

Ion Ratio Lower Upper

94 100

96 94.2 73.9 110.9



#6

Chloroethane

Concen: 140.226 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY012679.D

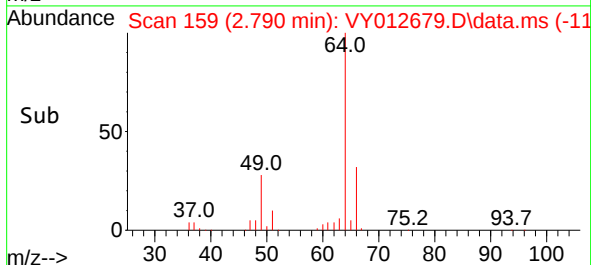
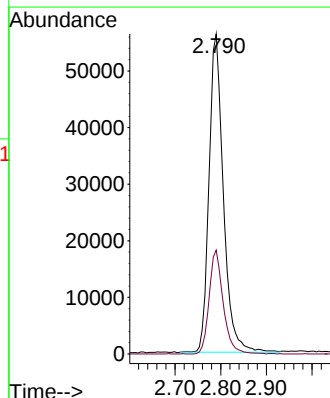
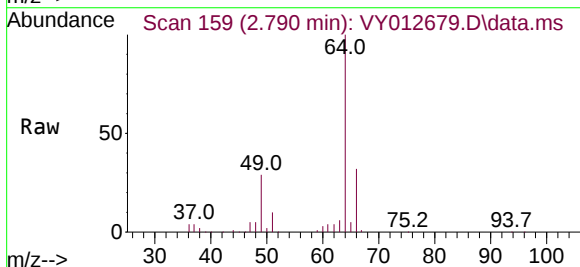
Acq: 21 Feb 2023 17:09

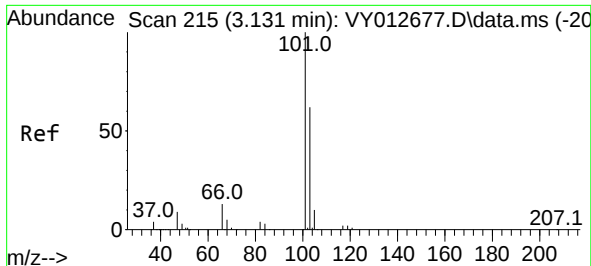
Tgt Ion: 64 Resp: 122559

Ion Ratio Lower Upper

64 100

66 32.6 27.1 40.7

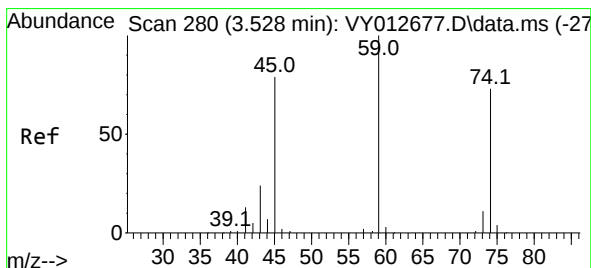
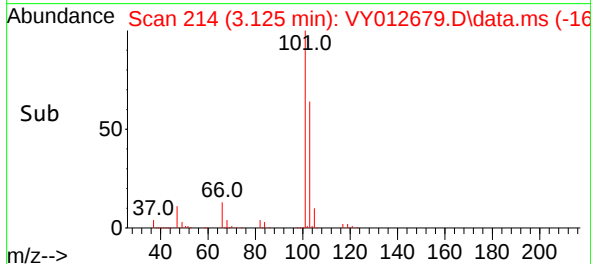
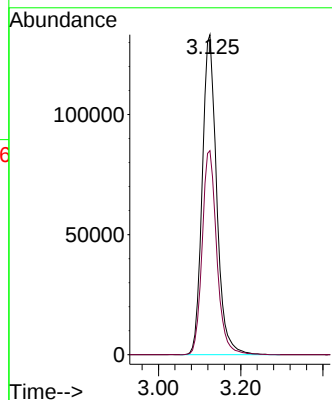
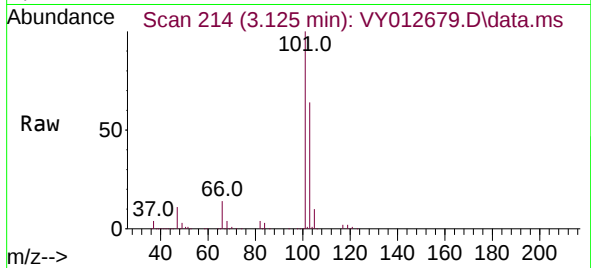




#7
Trichlorofluoromethane
Concen: 146.175 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

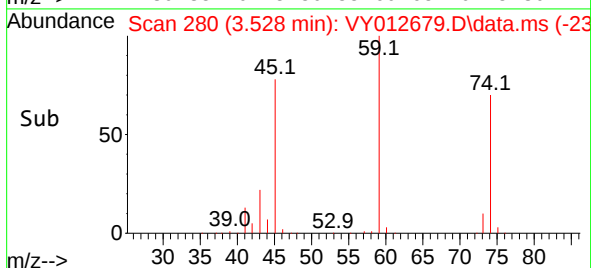
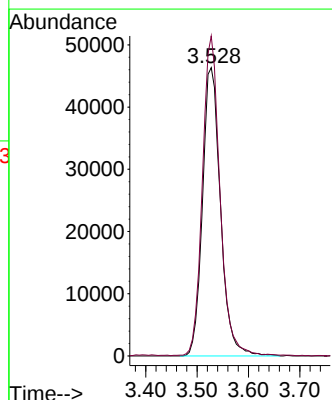
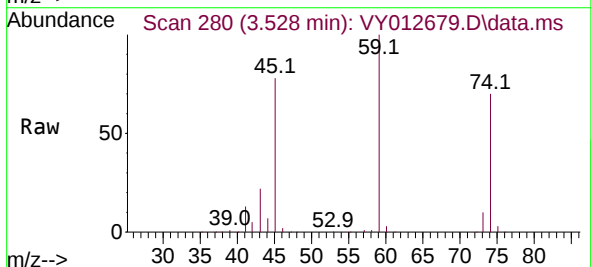
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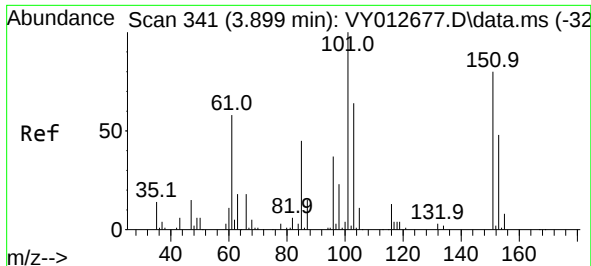
Tgt Ion:101 Resp: 323513
Ion Ratio Lower Upper
101 100
103 63.8 49.8 74.6



#8
Diethyl Ether
Concen: 142.547 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion: 74 Resp: 112950
Ion Ratio Lower Upper
74 100
45 107.8 54.6 163.9

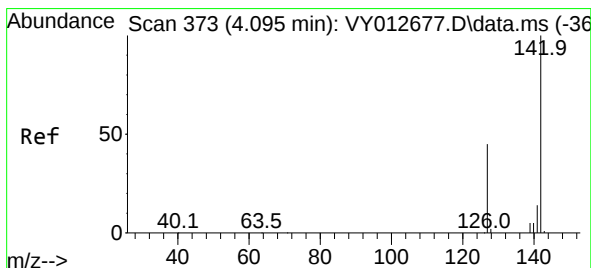
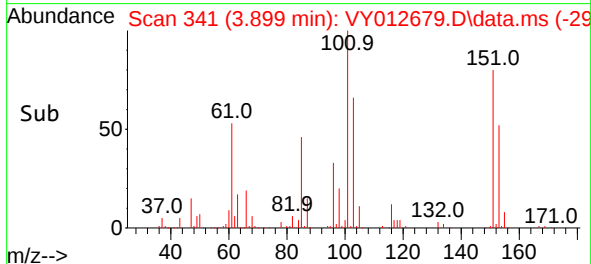
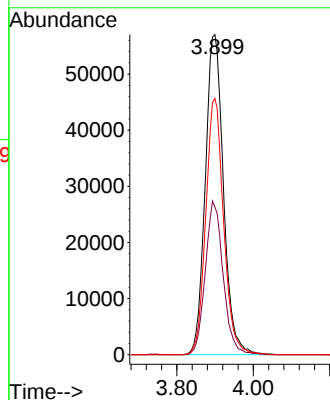
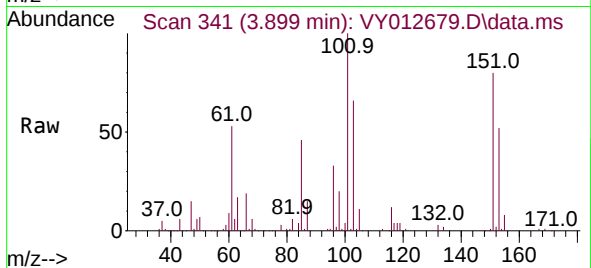




#9
1,1,2-Trichlorotrifluoroethane
Concen: 142.470 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

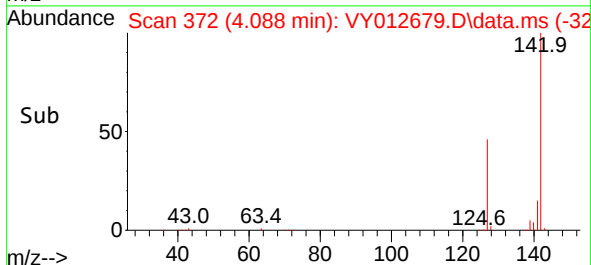
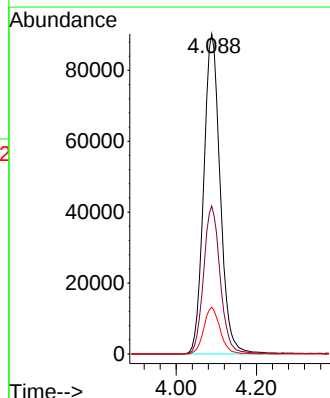
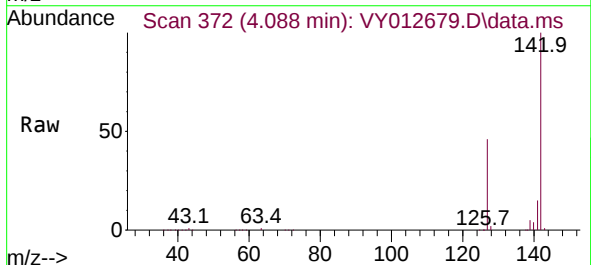
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

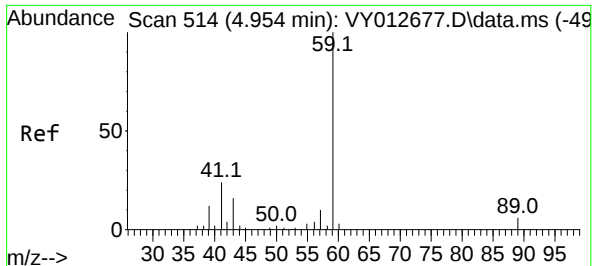
Tgt Ion:101 Resp: 188432
Ion Ratio Lower Upper
101 100
85 47.1 36.4 54.6
151 78.7 63.1 94.7



#10
Methyl Iodide
Concen: 148.861 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion:142 Resp: 257796
Ion Ratio Lower Upper
142 100
127 46.6 37.3 55.9
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 524.870 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

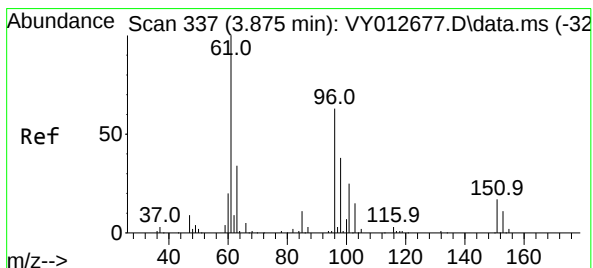
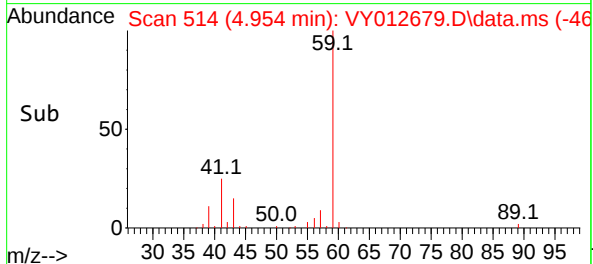
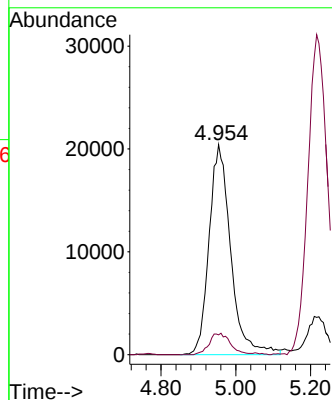
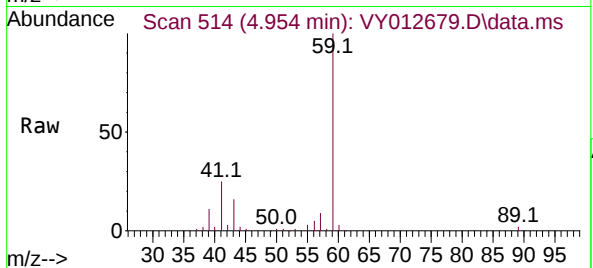
VSTDIC150

Tgt Ion: 59 Resp: 81958

Ion Ratio Lower Upper

59 100

57 9.9 7.7 11.5



#12

1,1-Dichloroethene

Concen: 143.808 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

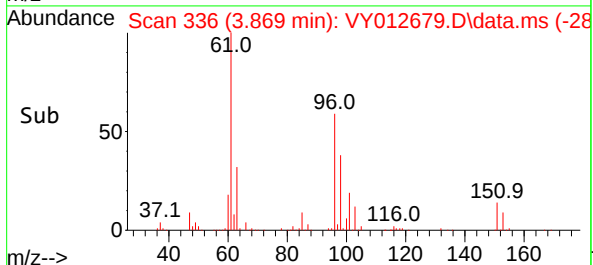
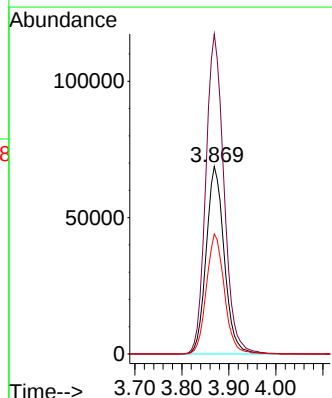
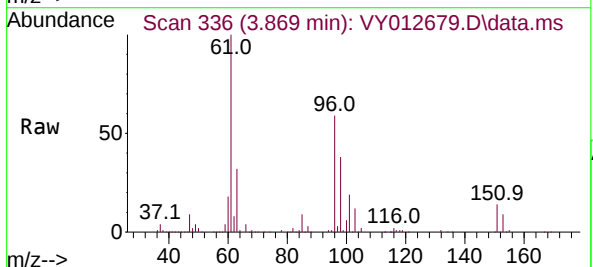
Tgt Ion: 96 Resp: 183620

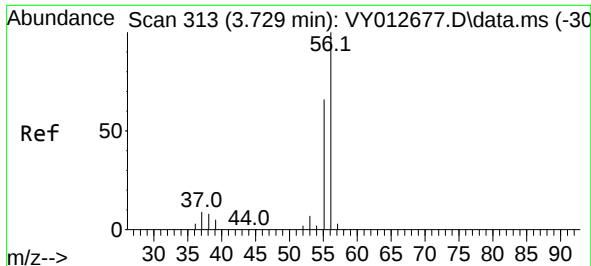
Ion Ratio Lower Upper

96 100

61 170.6 127.3 190.9

98 64.0 49.0 73.4





#13

Acrolein

Concen: 715.189 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

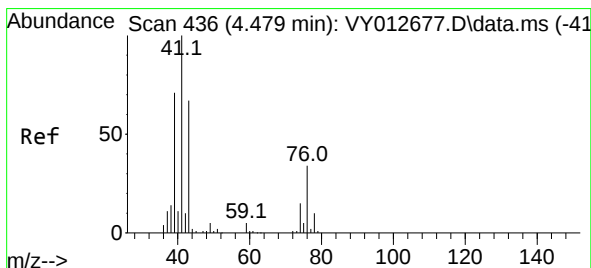
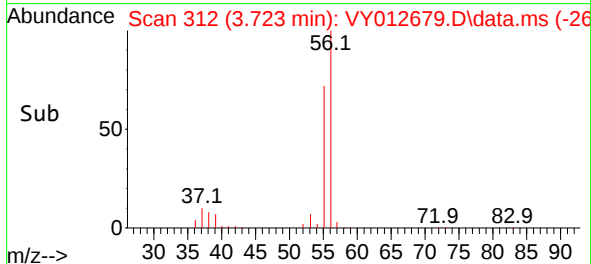
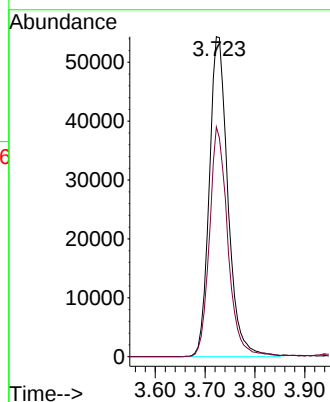
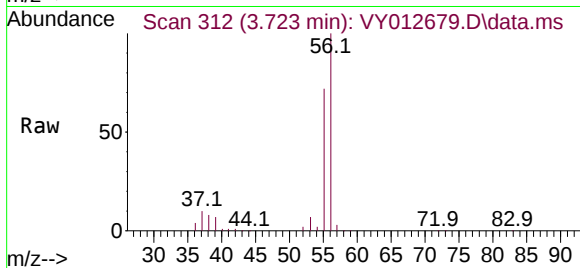
VSTDIC150

Tgt Ion: 56 Resp: 141100

Ion Ratio Lower Upper

56 100

55 70.6 55.7 83.5



#14

Allyl chloride

Concen: 143.488 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

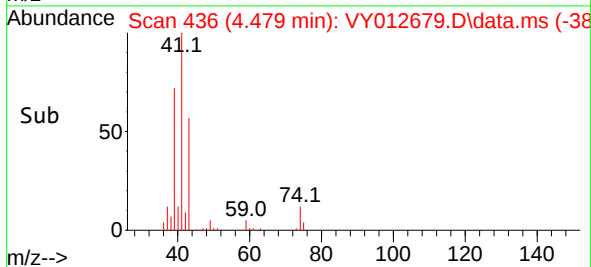
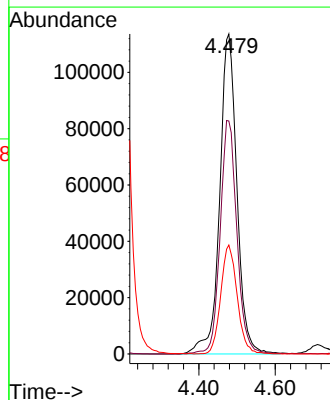
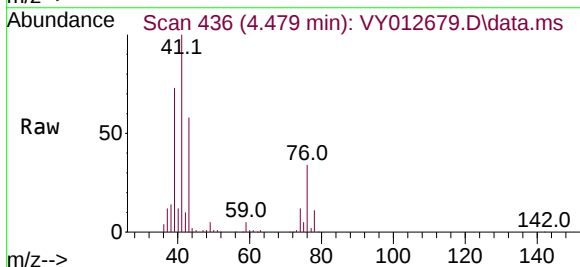
Tgt Ion: 41 Resp: 355576

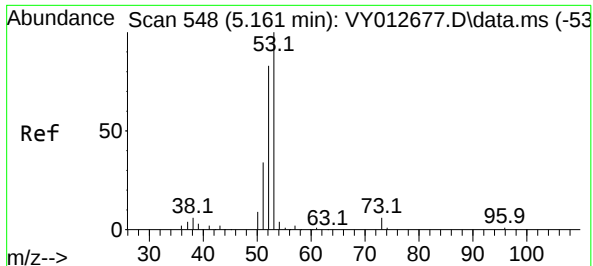
Ion Ratio Lower Upper

41 100

39 71.0 53.8 80.8

76 32.6 25.8 38.6





#15

Acrylonitrile

Concen: 673.005 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

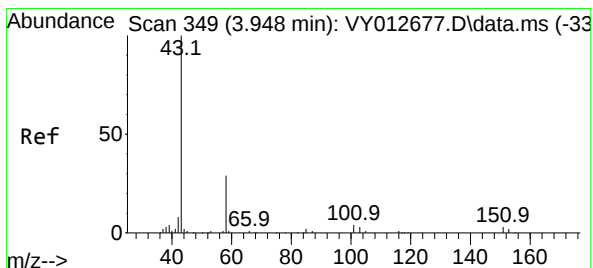
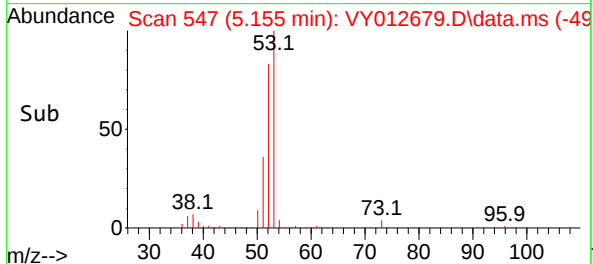
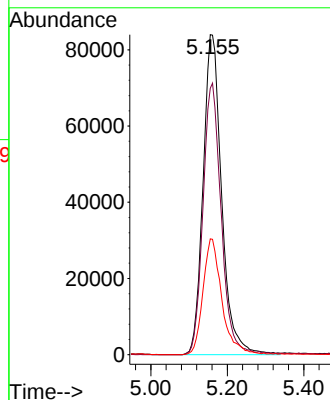
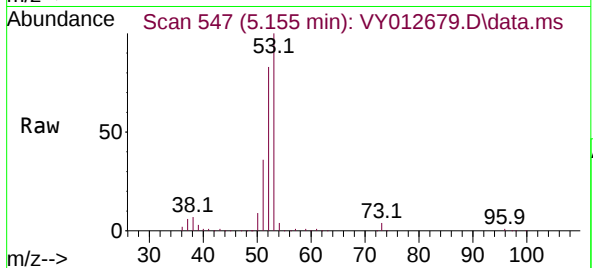
Tgt Ion: 53 Resp: 283708

Ion Ratio Lower Upper

53 100

52 83.4 65.2 97.8

51 36.9 28.6 43.0



#16

Acetone

Concen: 648.792 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY012679.D

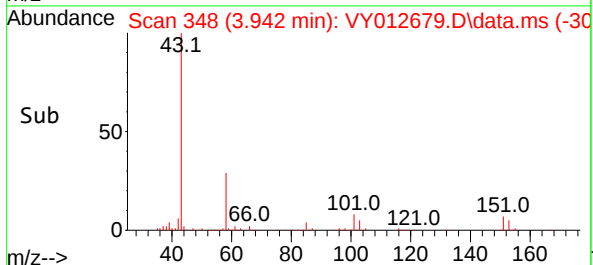
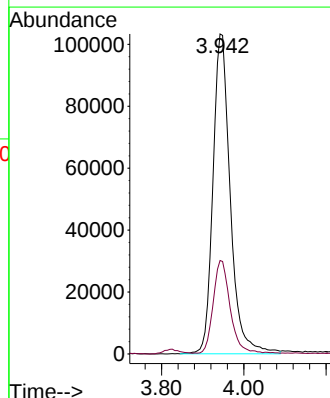
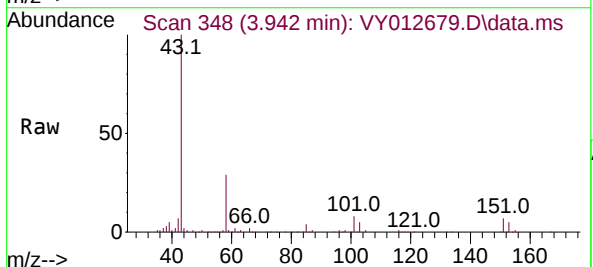
Acq: 21 Feb 2023 17:09

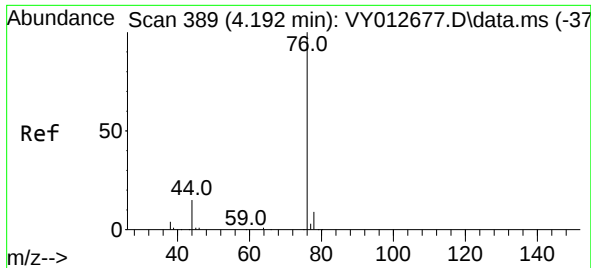
Tgt Ion: 43 Resp: 302202

Ion Ratio Lower Upper

43 100

58 29.0 23.3 34.9

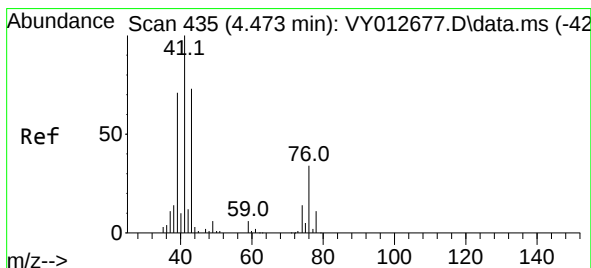
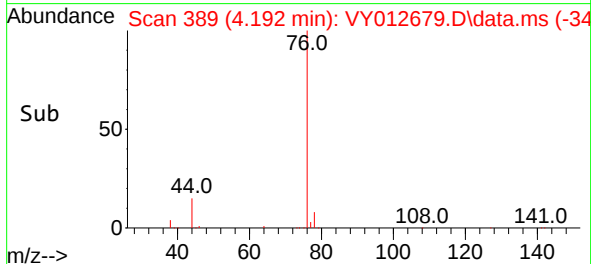
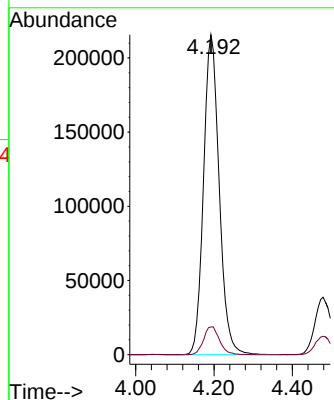
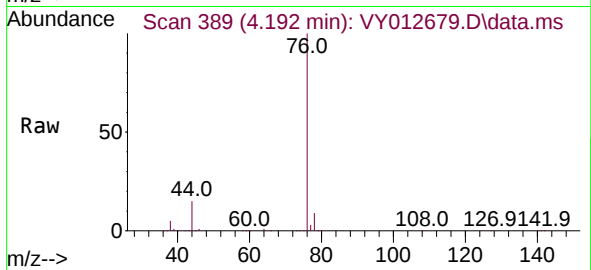




#17
Carbon Disulfide
Concen: 138.986 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

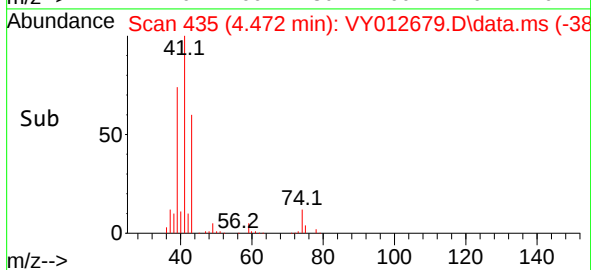
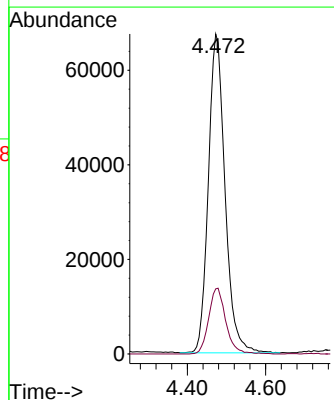
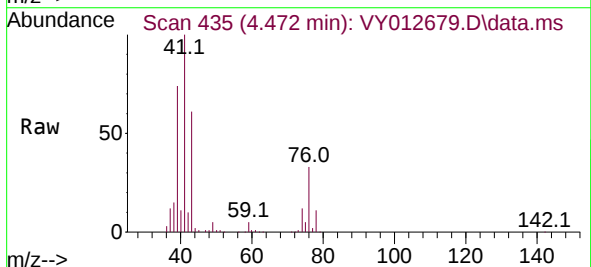
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

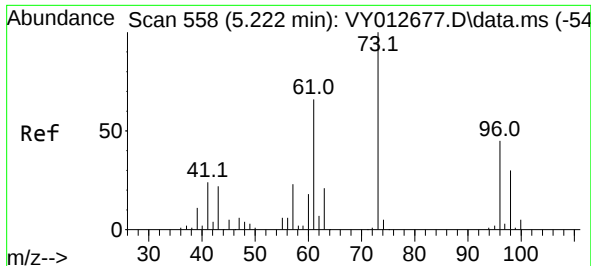
Tgt Ion: 76 Resp: 597190
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 132.589 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion: 43 Resp: 198948
Ion Ratio Lower Upper
43 100
74 21.1 16.5 24.7





#19

Methyl tert-butyl Ether

Concen: 145.890 ug/l

RT: 5.216 min Scan# 5

Delta R.T. -0.006 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

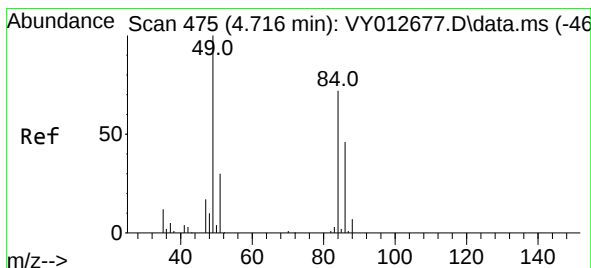
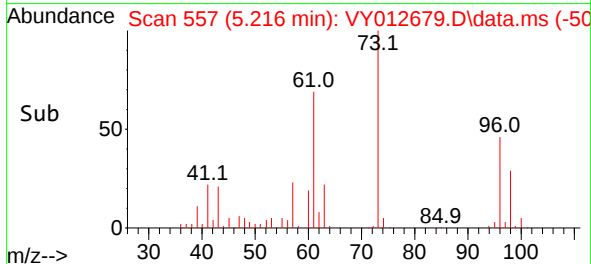
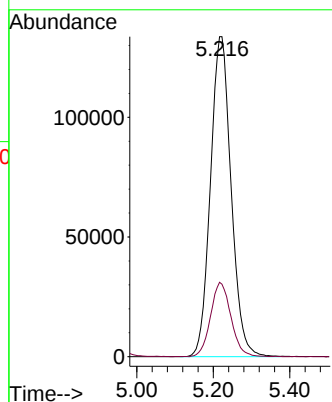
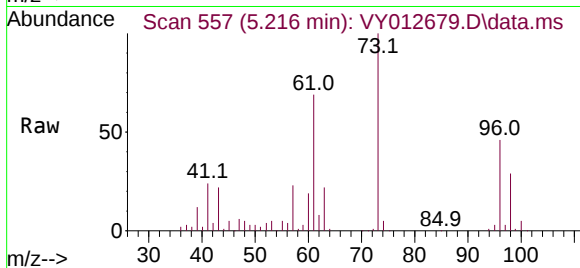
VSTDIC150

Tgt Ion: 73 Resp: 501063

Ion Ratio Lower Upper

73 100

57 23.2 18.1 27.1



#20

Methylene Chloride

Concen: 147.026 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Tgt Ion: 84 Resp: 196839

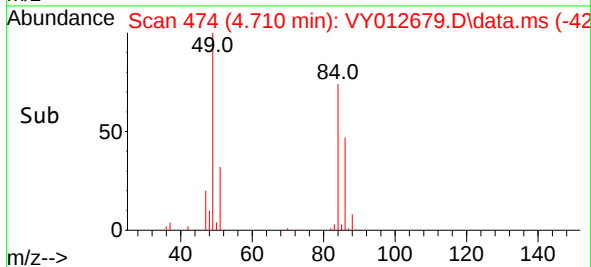
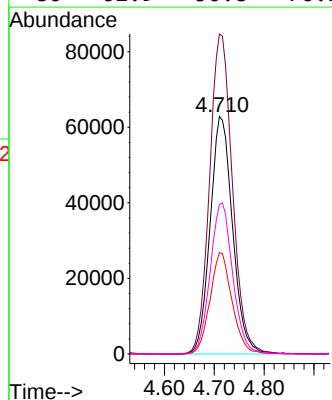
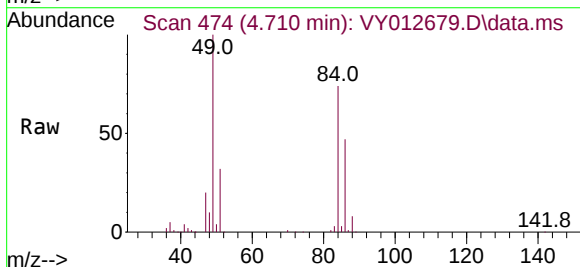
Ion Ratio Lower Upper

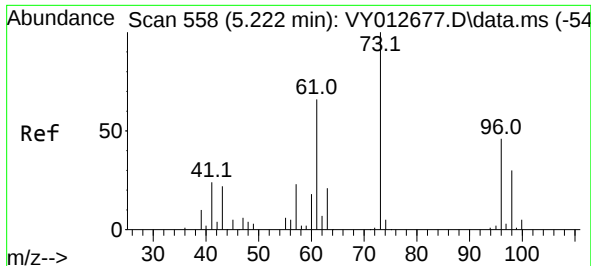
84 100

49 134.8 111.1 166.7

51 42.7 33.5 50.3

86 62.9 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 142.573 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

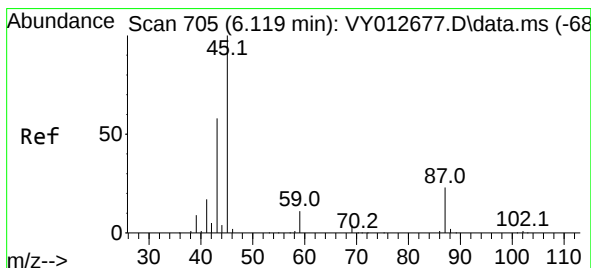
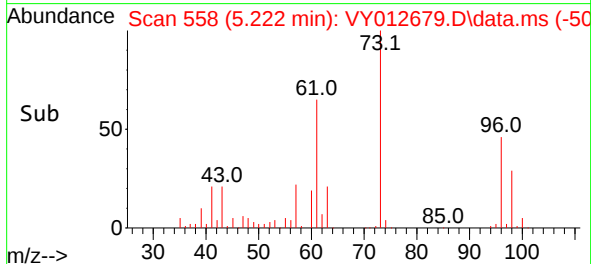
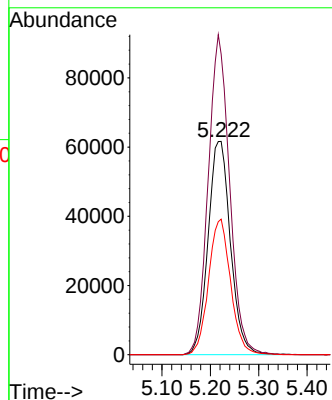
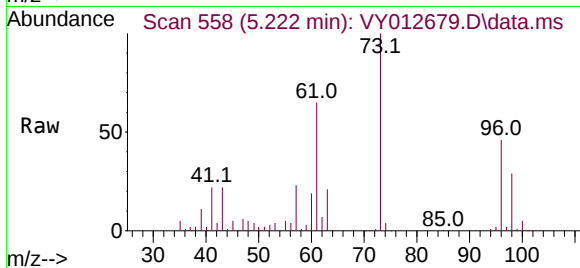
Tgt Ion: 96 Resp: 198015

Ion Ratio Lower Upper

96 100

61 140.9 116.1 174.1

98 63.5 52.3 78.5



#22

Diisopropyl ether

Concen: 139.268 ug/l

RT: 6.119 min Scan# 705

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Tgt Ion: 45 Resp: 643995

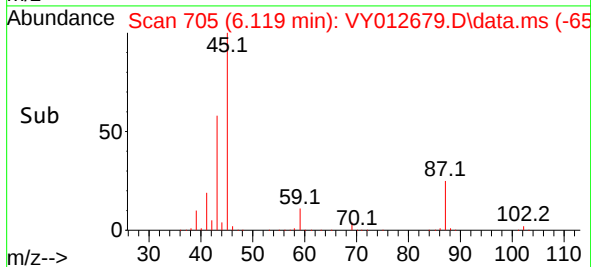
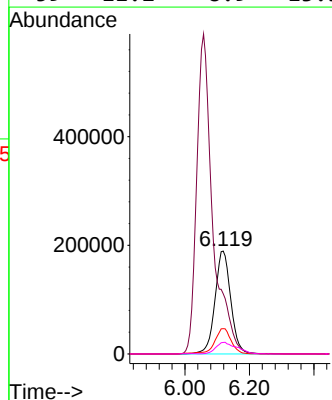
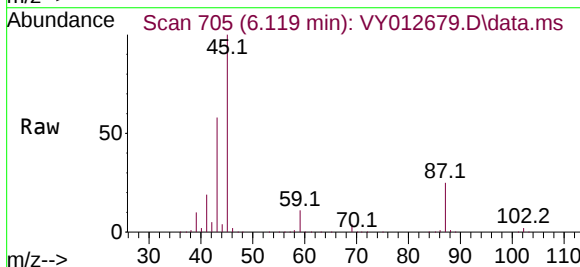
Ion Ratio Lower Upper

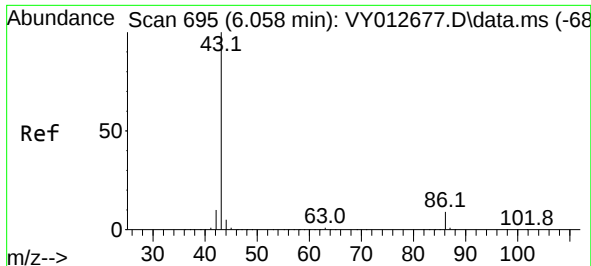
45 100

43 58.4 46.2 69.2

87 24.6 18.6 28.0

59 11.2 8.9 13.3

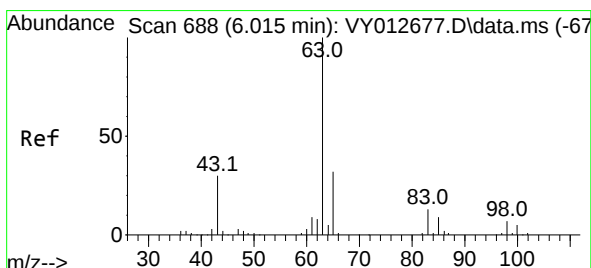
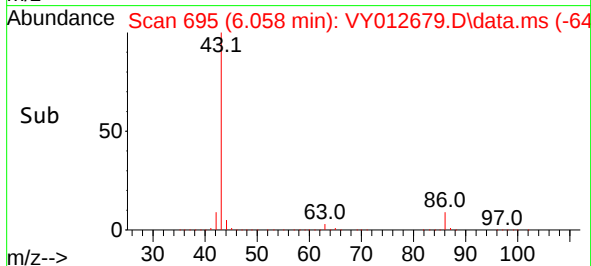
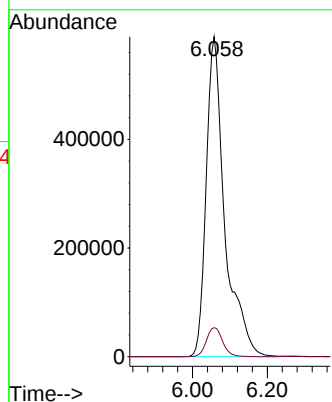
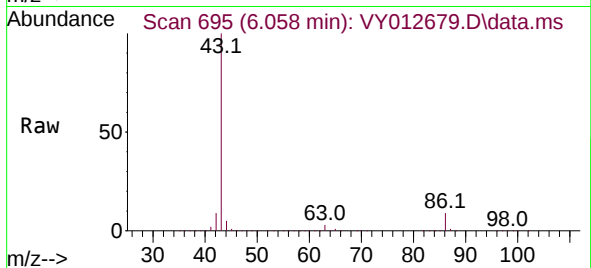




#23
 Vinyl Acetate
 Concen: 709.048 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012679.D
 Acq: 21 Feb 2023 17:09

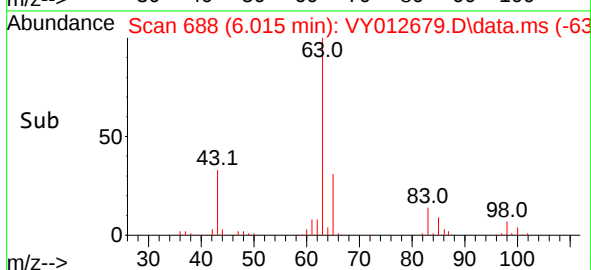
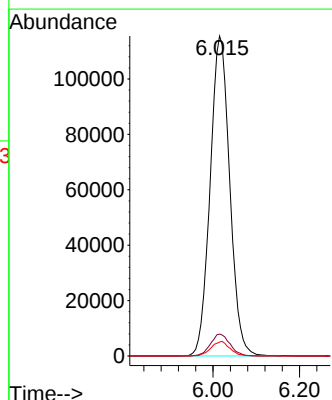
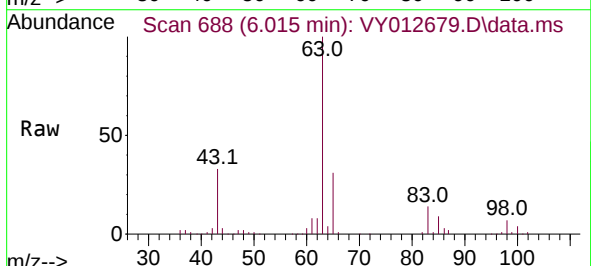
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

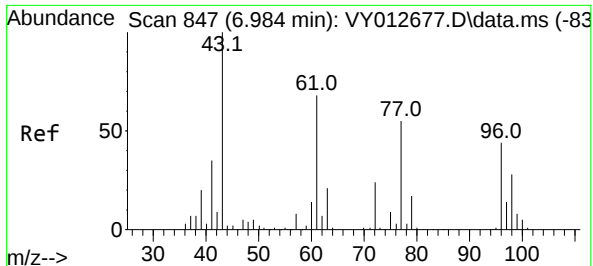
Tgt Ion: 43 Resp: 2030677
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 141.601 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012679.D
 Acq: 21 Feb 2023 17:09

Tgt Ion: 63 Resp: 363084
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.3 2.3 6.9

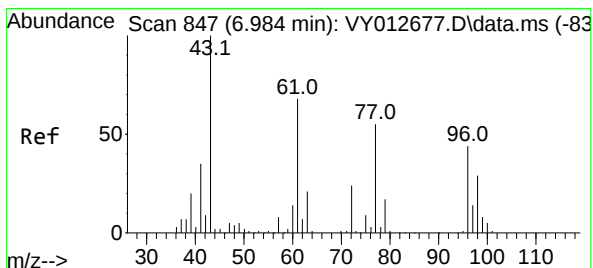
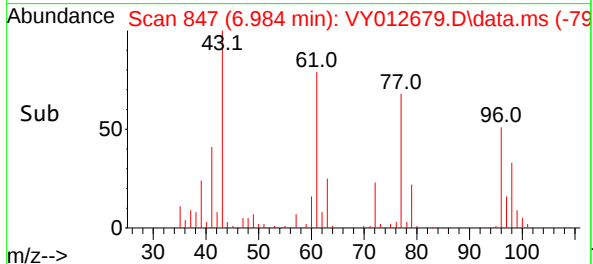
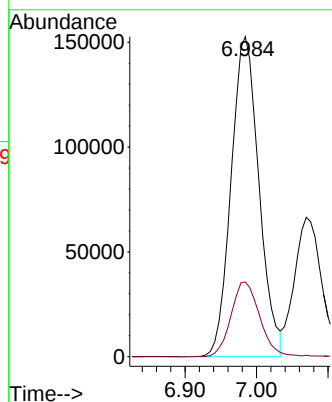
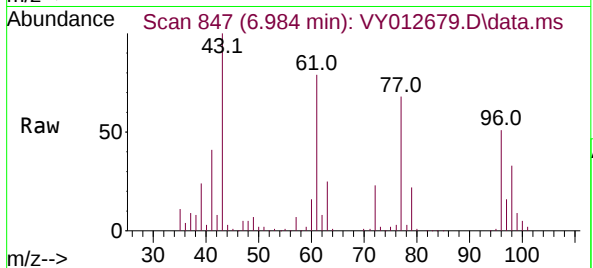




#25
2-Butanone
Concen: 668.288 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

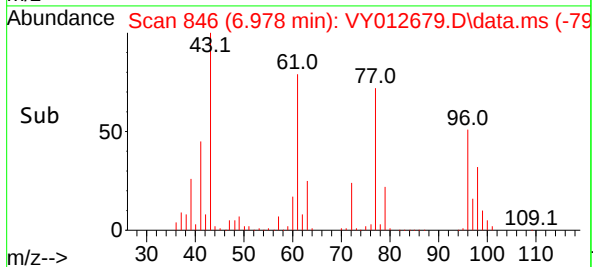
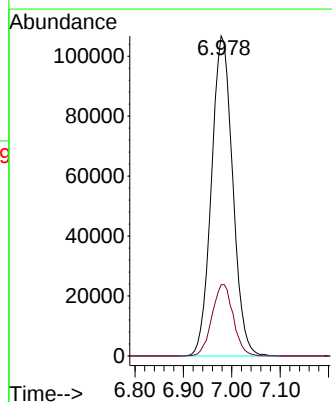
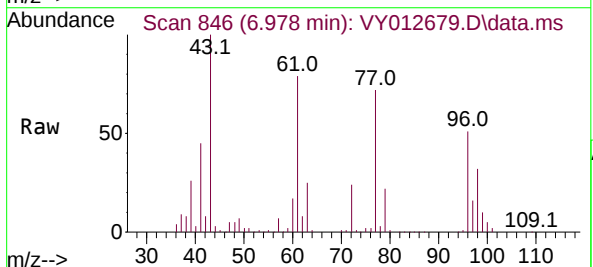
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

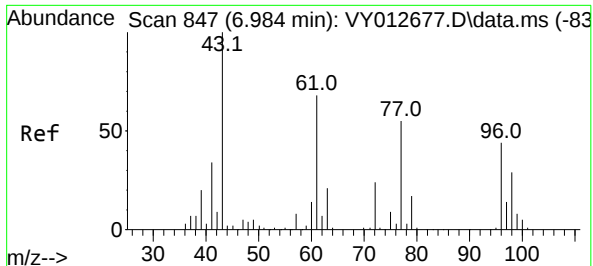
Tgt Ion: 43 Resp: 413145
Ion Ratio Lower Upper
43 100
72 23.4 18.8 28.2



#26
2,2-Dichloropropane
Concen: 145.670 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion: 77 Resp: 325824
Ion Ratio Lower Upper
77 100
97 22.3 11.7 35.1



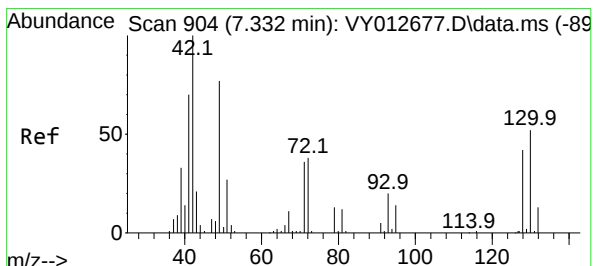
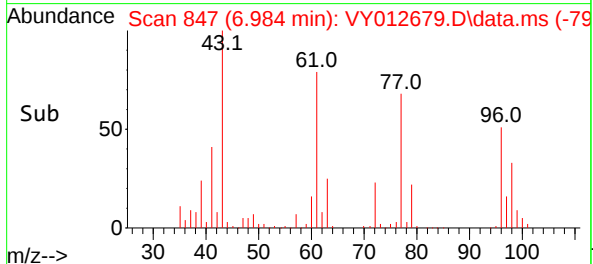
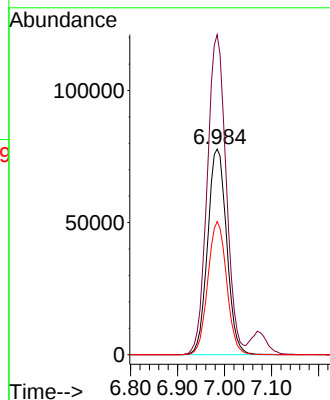
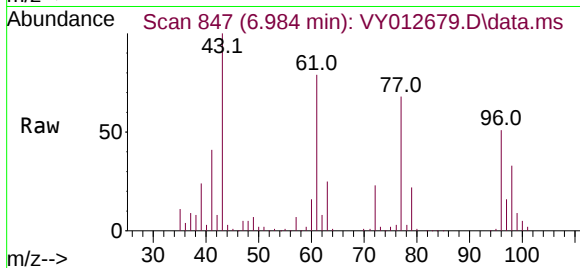


#27
 cis-1,2-Dichloroethene
 Concen: 143.785 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY012679.D
 Acq: 21 Feb 2023 17:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 218497

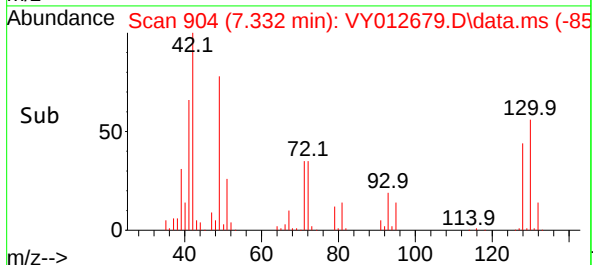
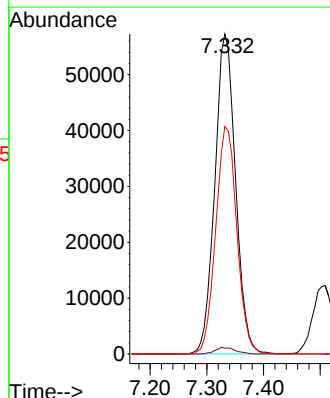
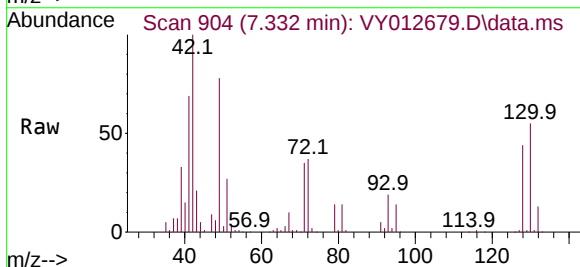
Ion	Ratio	Lower	Upper
96	100		
61	155.3	0.0	308.8
98	64.1	0.0	129.0

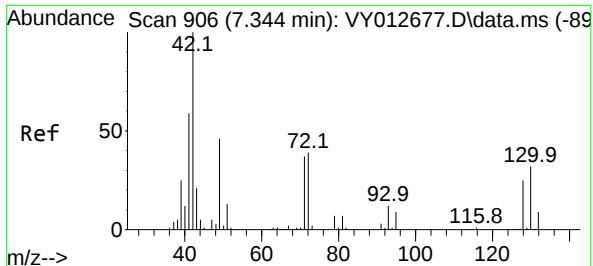


#28
 Bromochloromethane
 Concen: 141.704 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012679.D
 Acq: 21 Feb 2023 17:09

Tgt Ion: 49 Resp: 145496

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	72.3	54.3	81.5





#29

Tetrahydrofuran

Concen: 680.155 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

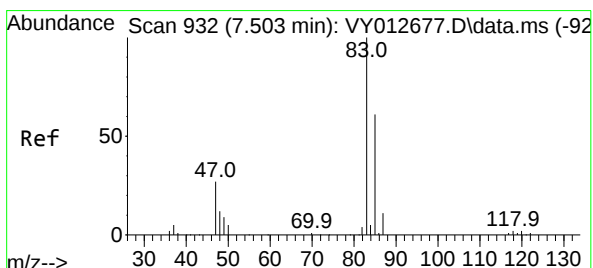
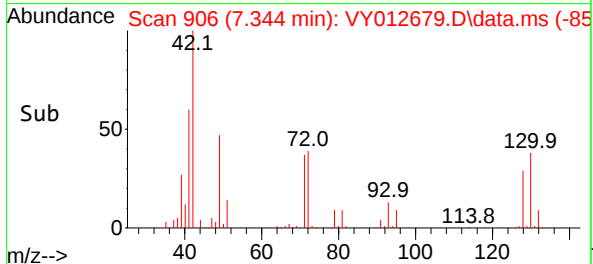
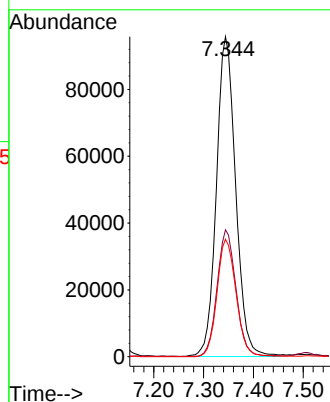
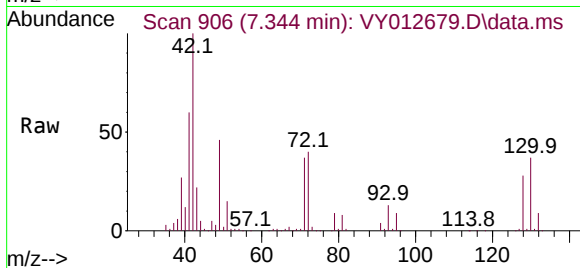
Tgt Ion: 42 Resp: 256711

Ion Ratio Lower Upper

42 100

72 38.8 30.6 45.8

71 36.5 28.6 42.8



#30

Chloroform

Concen: 142.725 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012679.D

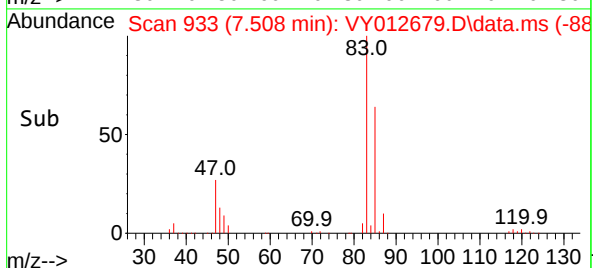
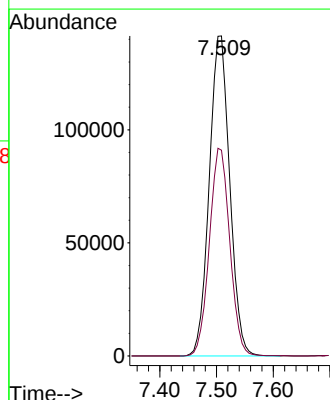
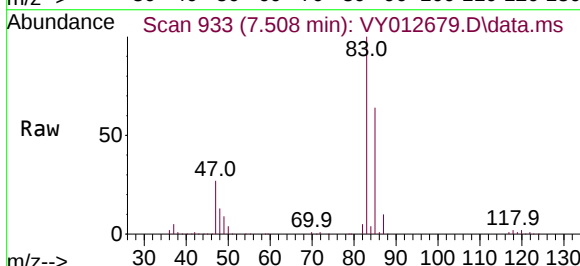
Acq: 21 Feb 2023 17:09

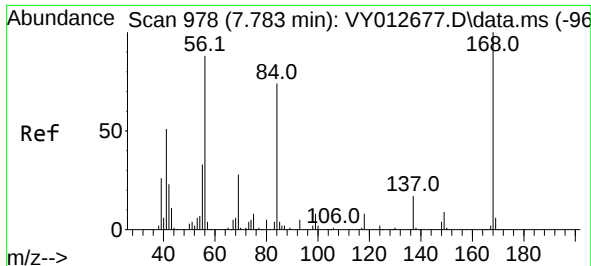
Tgt Ion: 83 Resp: 354602

Ion Ratio Lower Upper

83 100

85 64.3 48.9 73.3

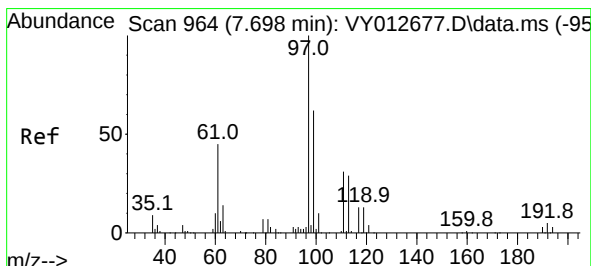
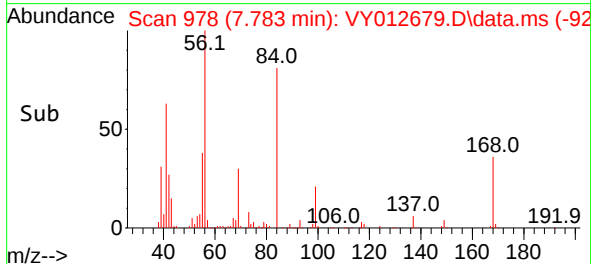
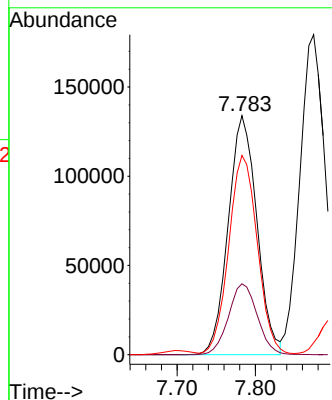
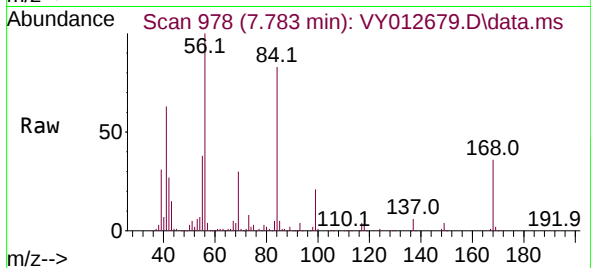




#31
Cyclohexane
Concen: 137.253 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

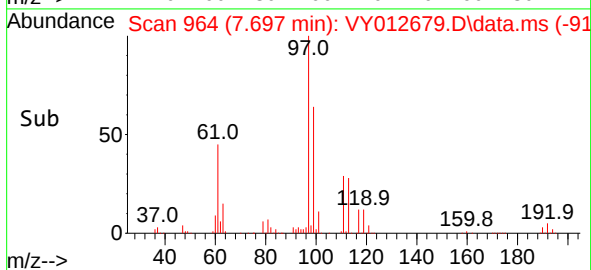
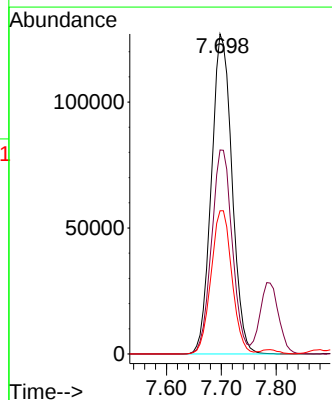
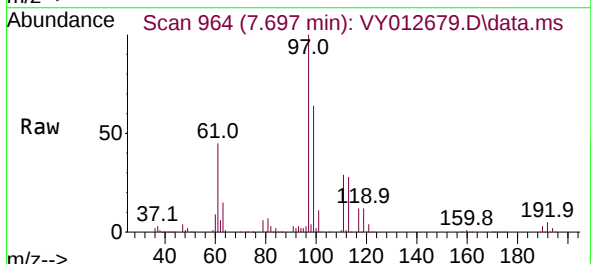
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

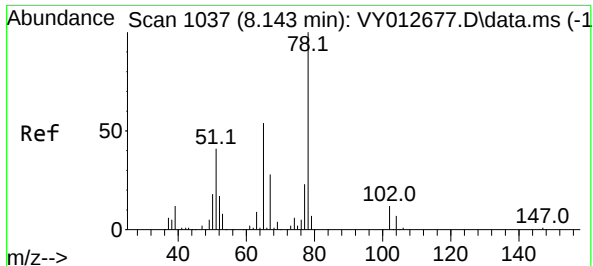
Tgt Ion: 56 Resp: 340387
Ion Ratio Lower Upper
56 100
69 29.7 25.4 38.2
84 81.6 67.3 100.9



#32
1,1,1-Trichloroethane
Concen: 147.193 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion: 97 Resp: 331057
Ion Ratio Lower Upper
97 100
99 64.3 50.6 75.8
61 45.4 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 141.497 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

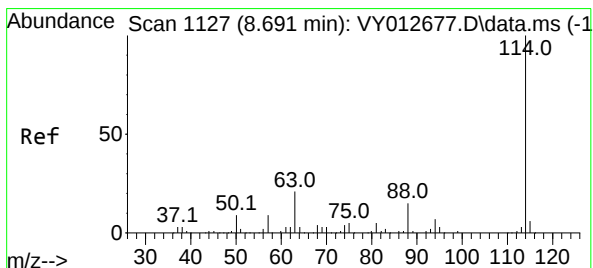
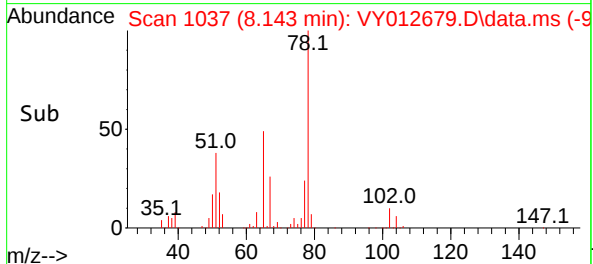
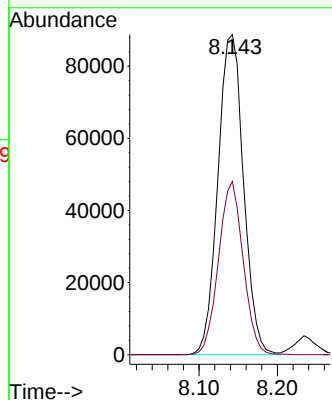
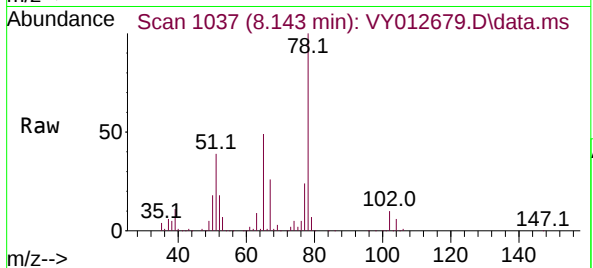
VSTDIC150

Tgt Ion: 65 Resp: 201983

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

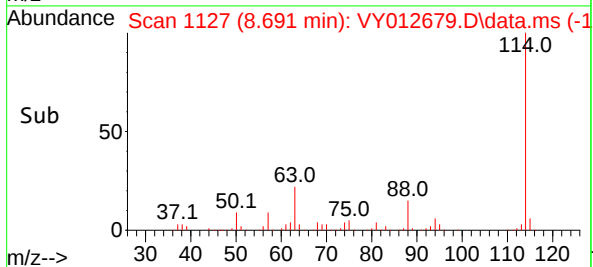
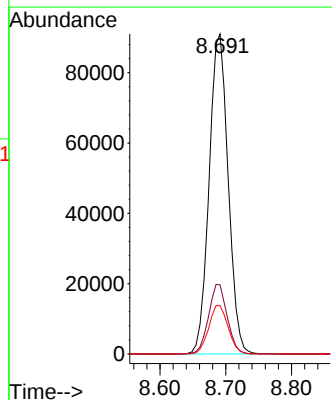
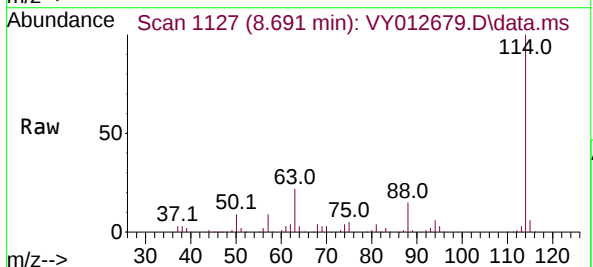
Tgt Ion: 114 Resp: 183382

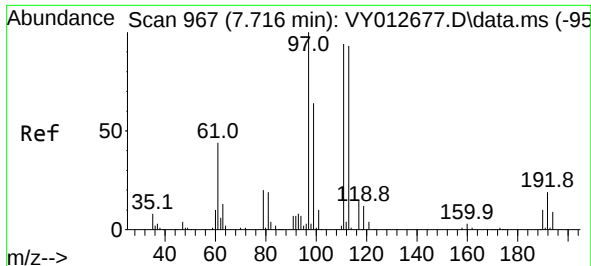
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.8

88 15.1 0.0 29.6

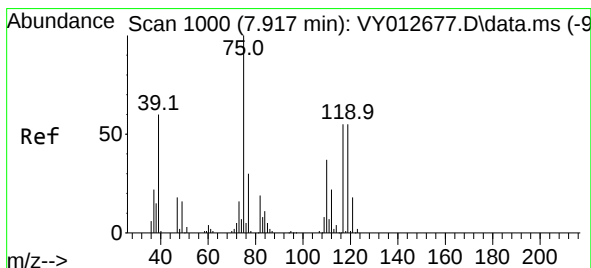
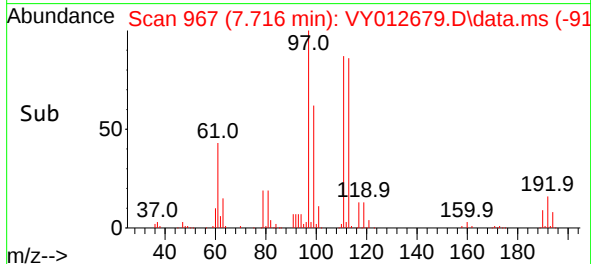
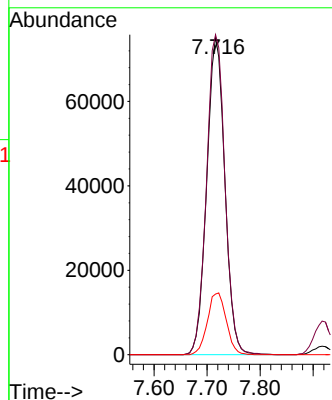
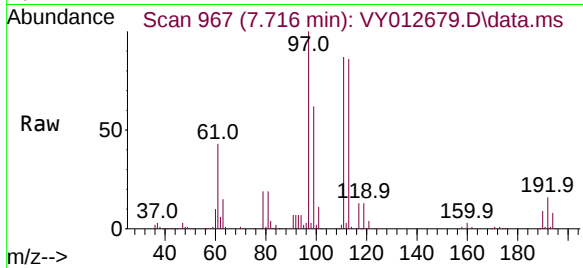




#35
Dibromofluoromethane
Concen: 144.038 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

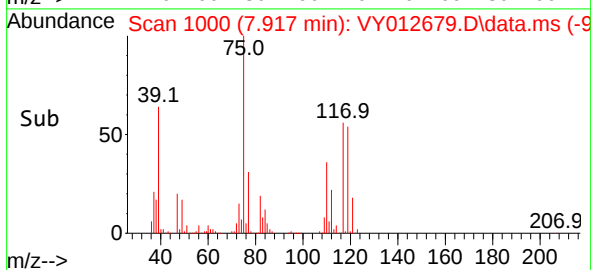
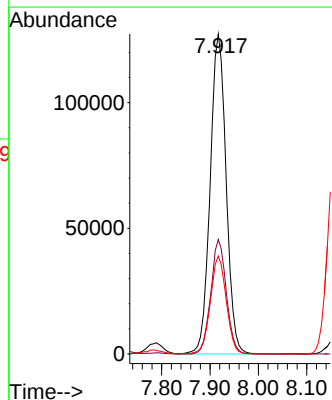
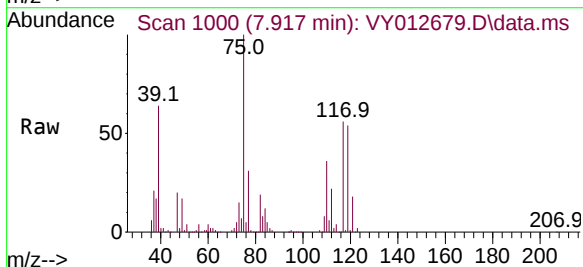
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

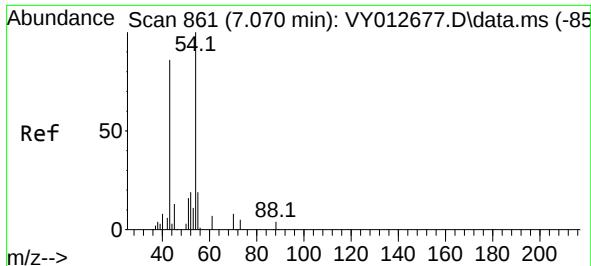
Tgt Ion:113 Resp: 178409
Ion Ratio Lower Upper
113 100
111 102.9 82.0 123.0
192 20.2 16.2 24.2



#36
1,1-Dichloropropene
Concen: 148.530 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion: 75 Resp: 291613
Ion Ratio Lower Upper
75 100
110 34.7 17.6 52.8
77 30.5 24.6 37.0





#37

Ethyl Acetate

Concen: 135.469 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

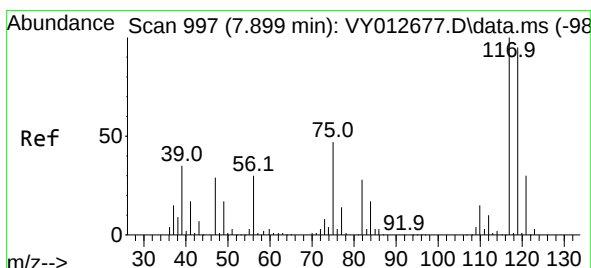
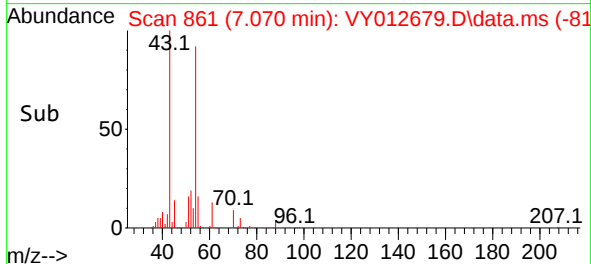
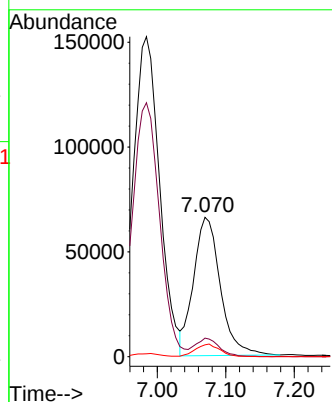
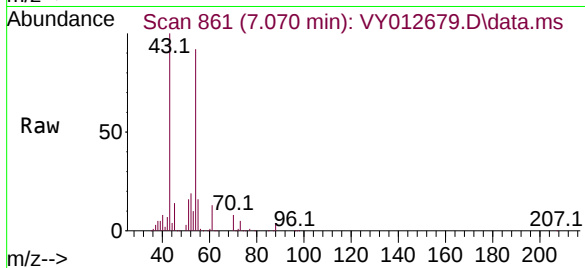
Tgt Ion: 43 Resp: 179466

Ion Ratio Lower Upper

43 100

61 11.9 9.9 14.9

70 8.5 6.4 9.6



#38

Carbon Tetrachloride

Concen: 151.074 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

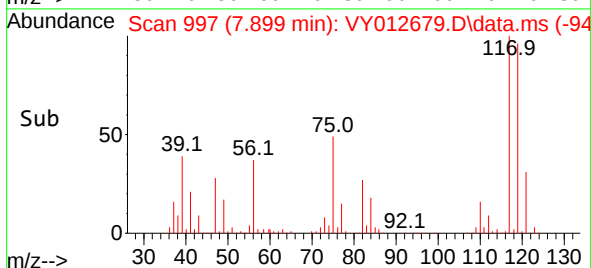
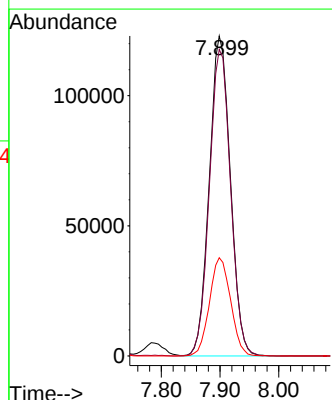
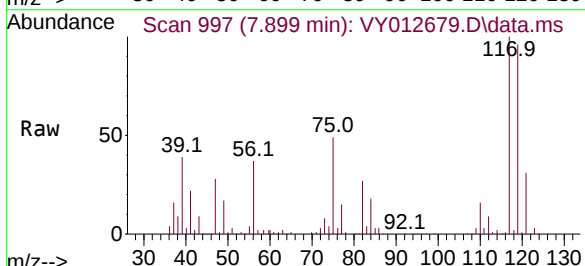
Tgt Ion: 117 Resp: 306690

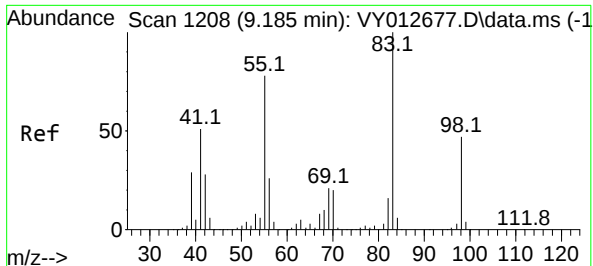
Ion Ratio Lower Upper

117 100

119 95.8 75.5 113.3

121 30.7 23.8 35.8





#39

Methylcyclohexane

Concen: 155.237 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

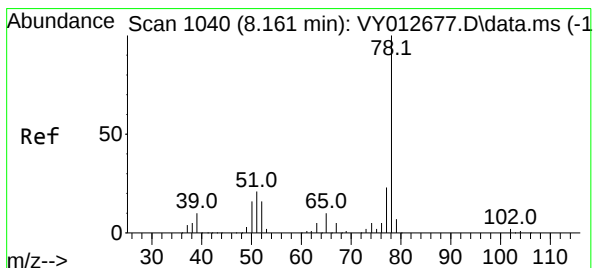
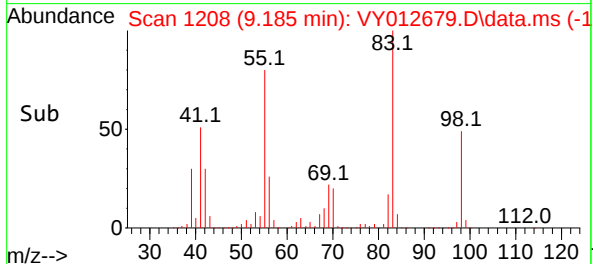
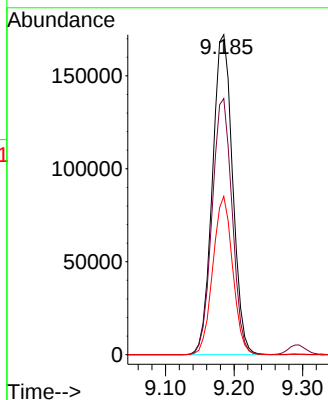
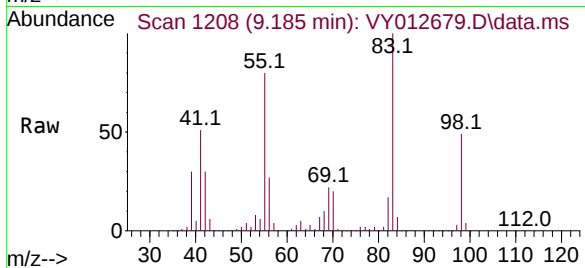
Tgt Ion: 83 Resp: 351578

Ion Ratio Lower Upper

83 100

55 80.0 62.5 93.7

98 49.4 37.8 56.6



#40

Benzene

Concen: 144.687 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012679.D

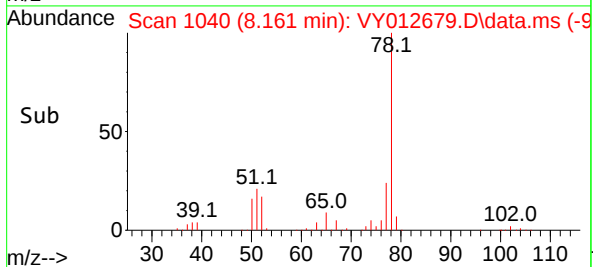
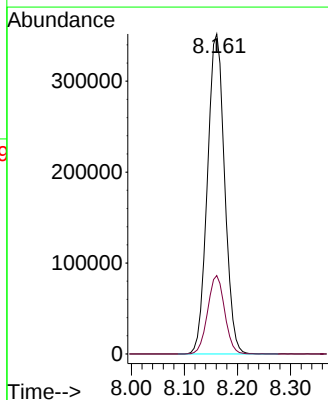
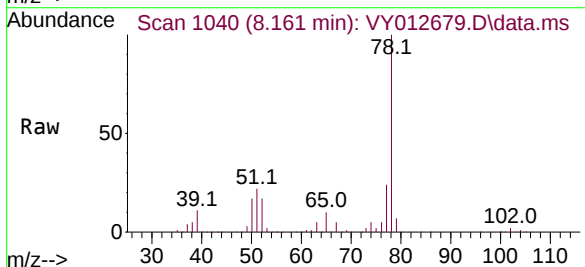
Acq: 21 Feb 2023 17:09

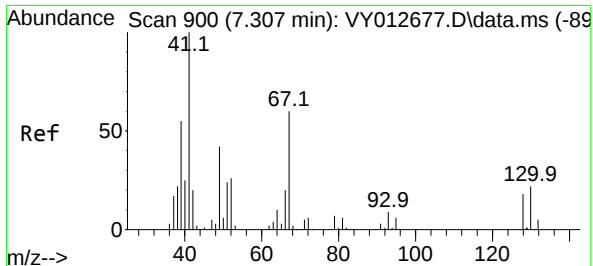
Tgt Ion: 78 Resp: 792938

Ion Ratio Lower Upper

78 100

77 24.5 18.5 27.7

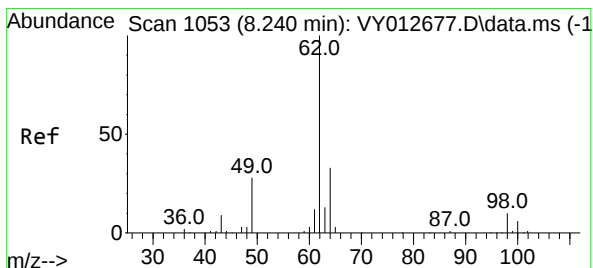
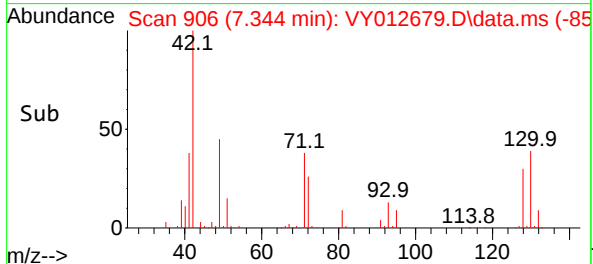
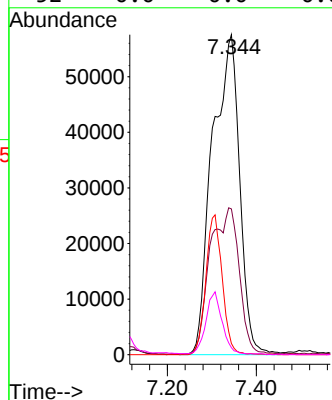
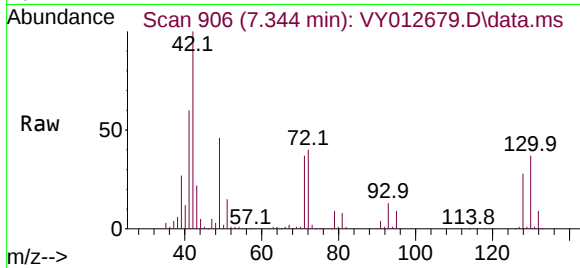




#41
Methacrylonitrile
Concen: 378.789 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.036 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

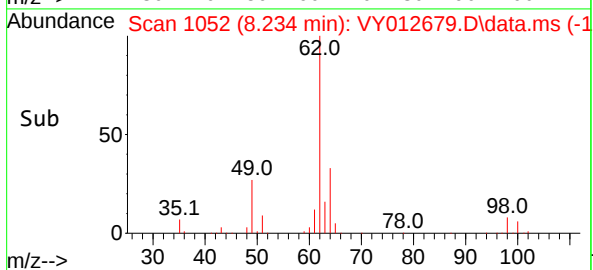
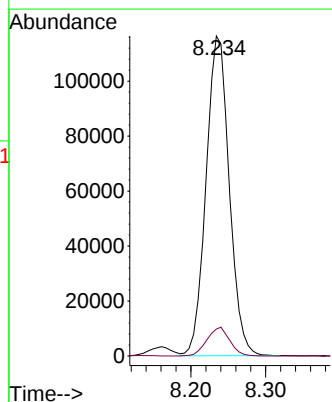
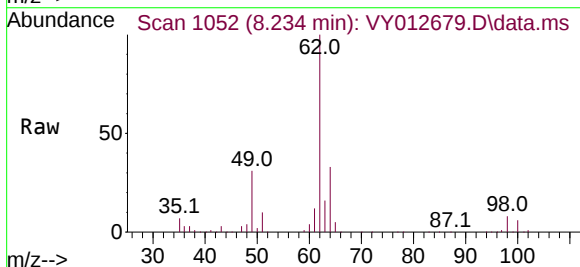
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

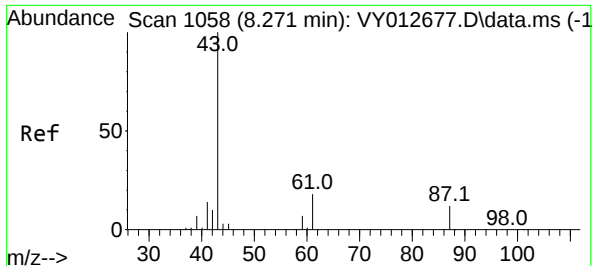
Tgt Ion: 41 Resp: 244455
Ion Ratio Lower Upper
41 100
39 48.8 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 147.785 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion: 62 Resp: 251144
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.8

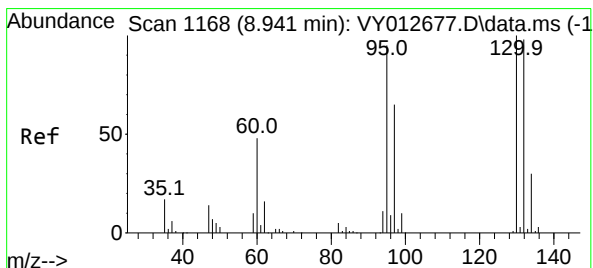
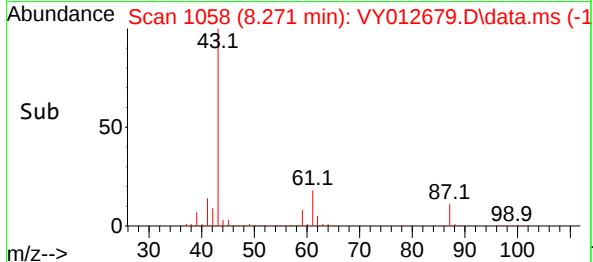
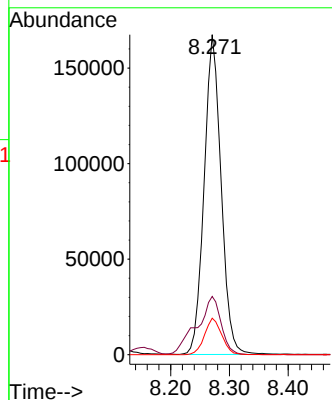
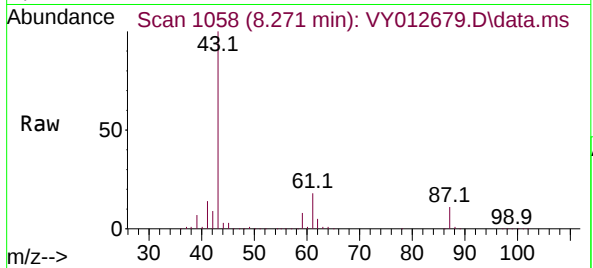




#43
Isopropyl Acetate
Concen: 146.774 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

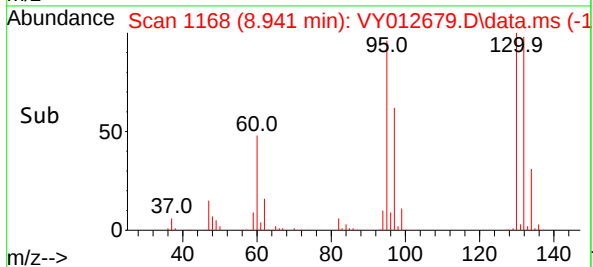
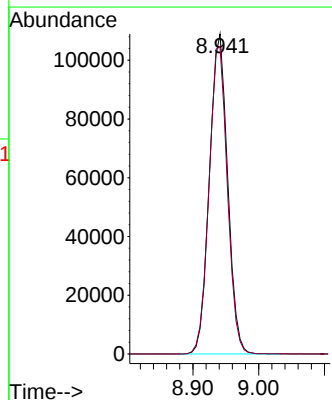
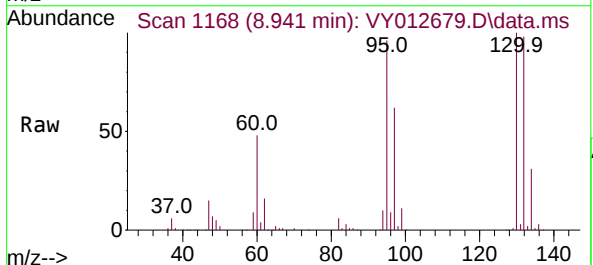
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

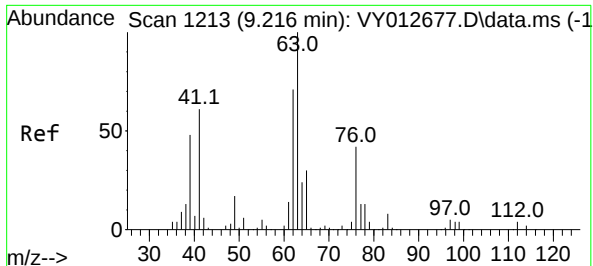
Tgt Ion: 43 Resp: 336007
Ion Ratio Lower Upper
43 100
61 25.9 20.5 30.7
87 11.5 9.2 13.8



#44
Trichloroethene
Concen: 147.822 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion:130 Resp: 209452
Ion Ratio Lower Upper
130 100
95 96.0 0.0 190.6





#45

1,2-Dichloropropane

Concen: 144.043 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

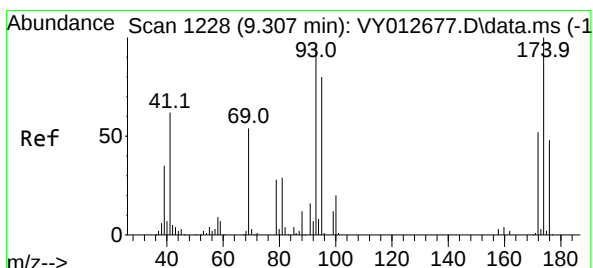
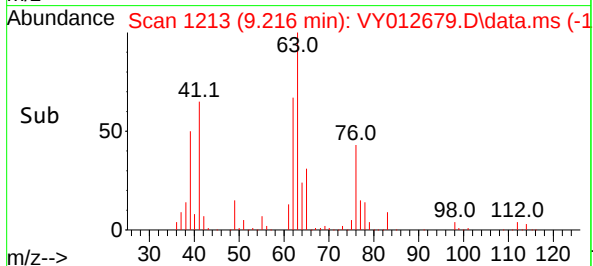
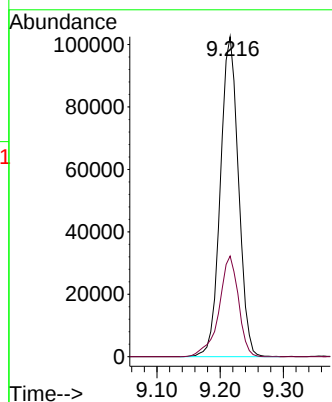
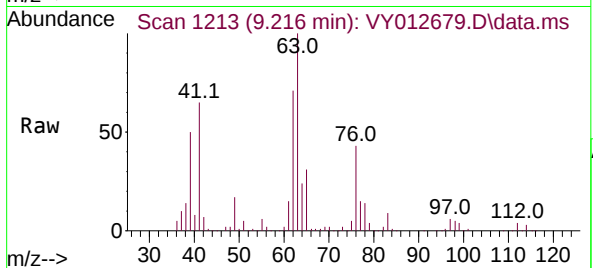
VSTDIC150

Tgt Ion: 63 Resp: 203056

Ion Ratio Lower Upper

63 100

65 31.5 23.9 35.9



#46

Dibromomethane

Concen: 142.749 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

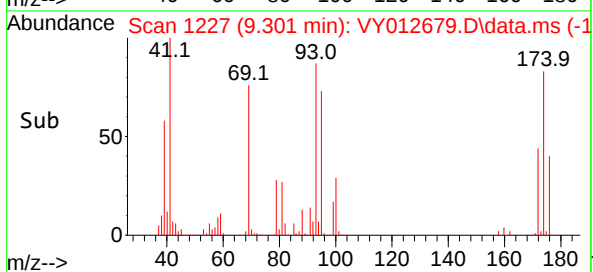
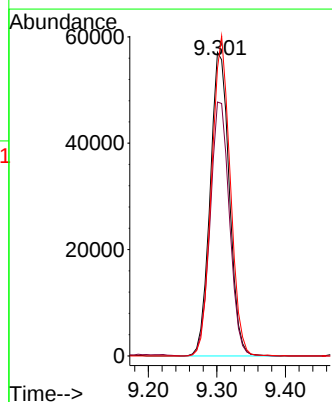
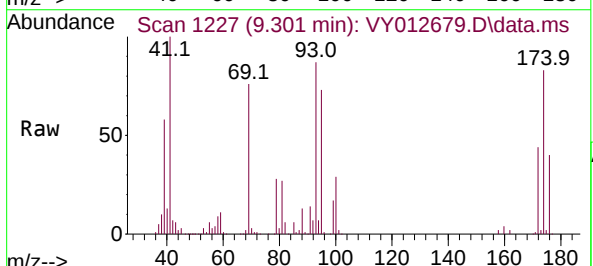
Tgt Ion: 93 Resp: 111083

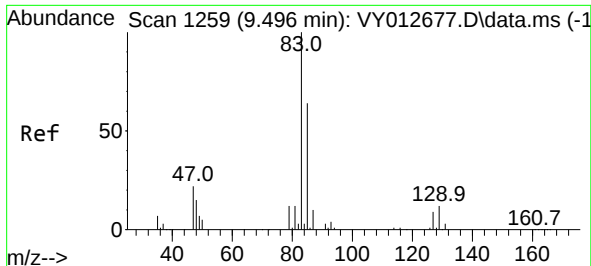
Ion Ratio Lower Upper

93 100

95 84.0 66.6 99.8

174 102.1 79.8 119.6

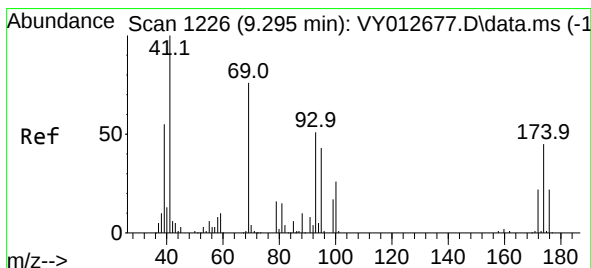
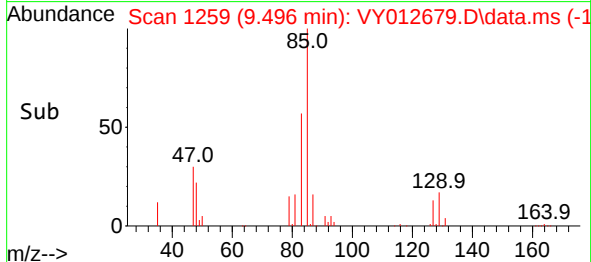
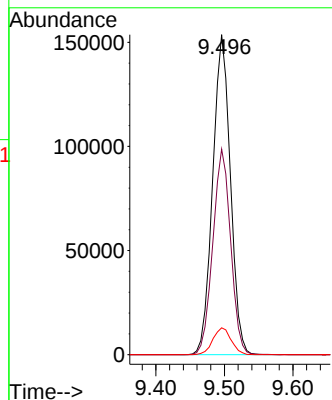
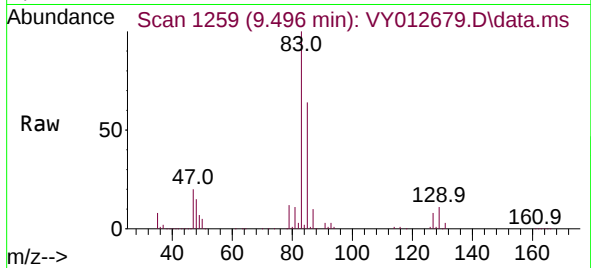




#47
Bromodichloromethane
Concen: 146.887 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

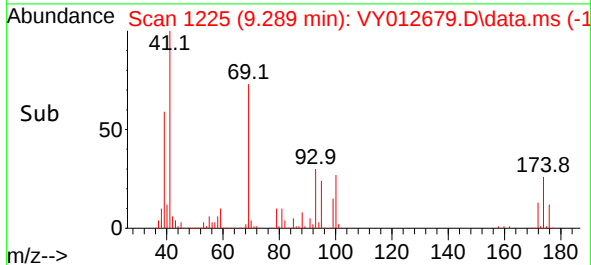
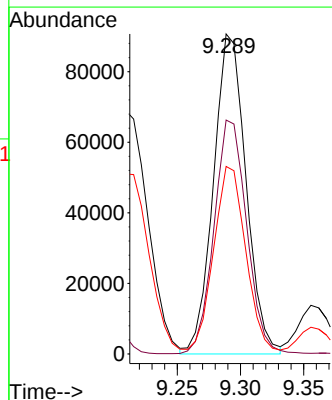
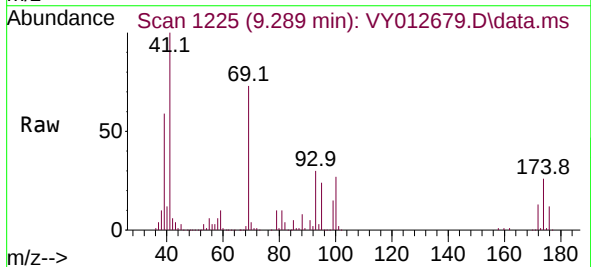
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

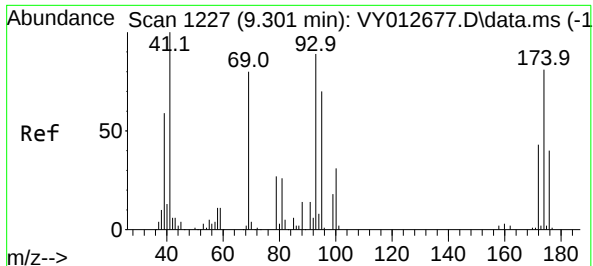
Tgt Ion: 83 Resp: 275173
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 151.807 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion: 41 Resp: 162171
Ion Ratio Lower Upper
41 100
69 73.2 62.6 93.8
39 56.0 45.1 67.7





#49

1,4-Dioxane

Concen: 2160.068 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

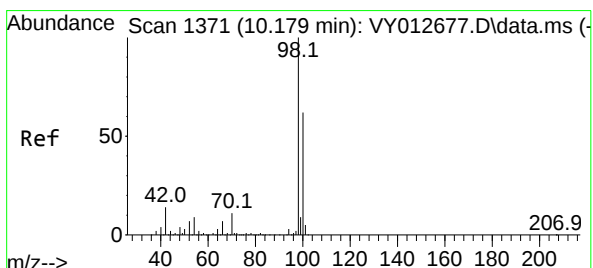
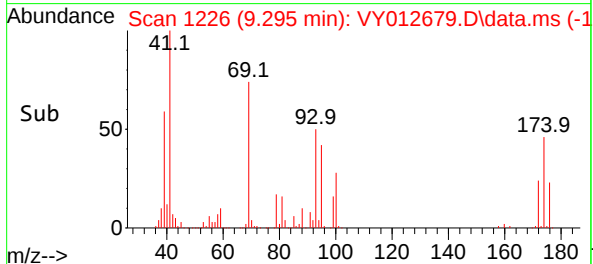
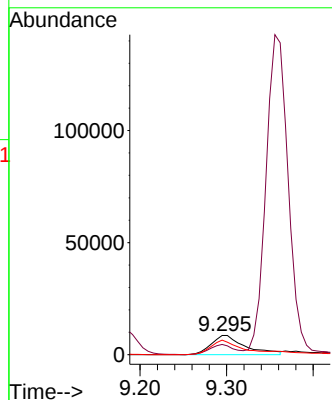
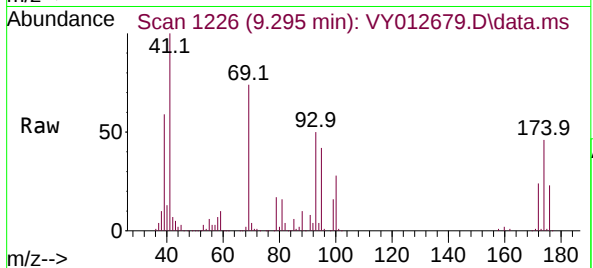
Tgt Ion: 88 Resp: 23404

Ion Ratio Lower Upper

88 100

43 39.2 23.1 34.7#

58 68.4 45.8 68.8



#50

Toluene-d8

Concen: 144.818 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012679.D

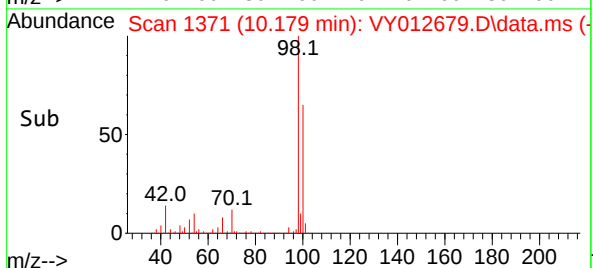
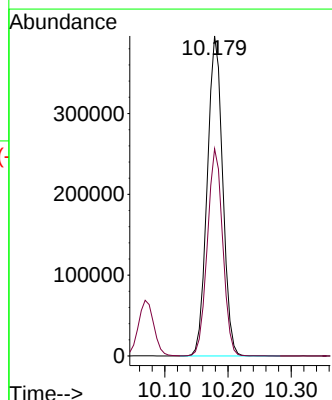
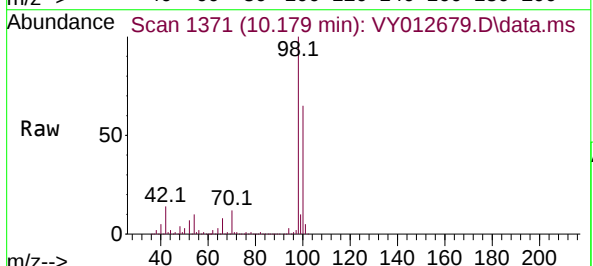
Acq: 21 Feb 2023 17:09

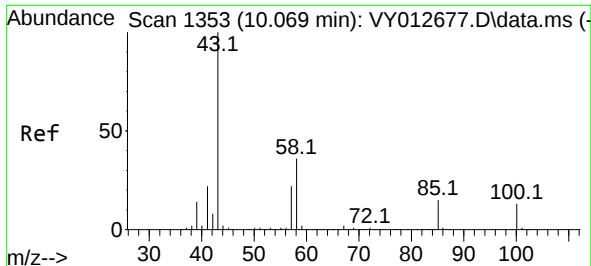
Tgt Ion: 98 Resp: 672012

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8

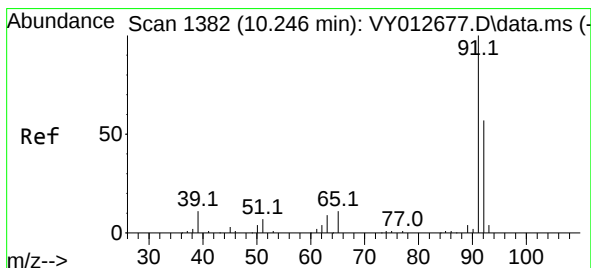
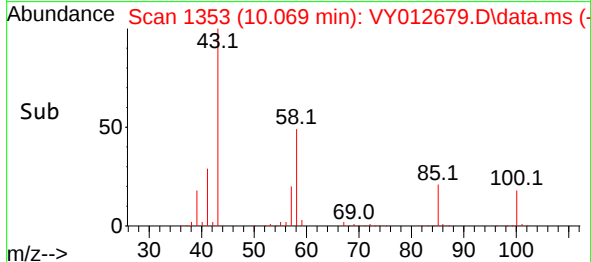
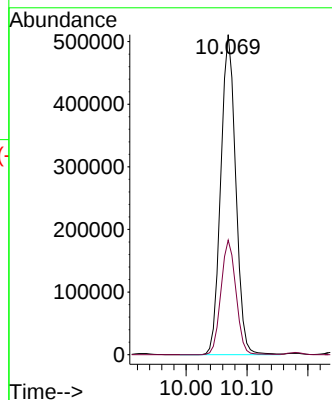
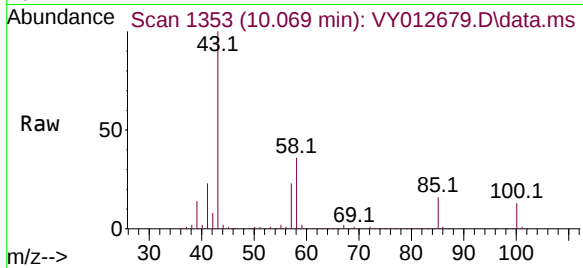




#51
4-Methyl-2-Pentanone
Concen: 705.593 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

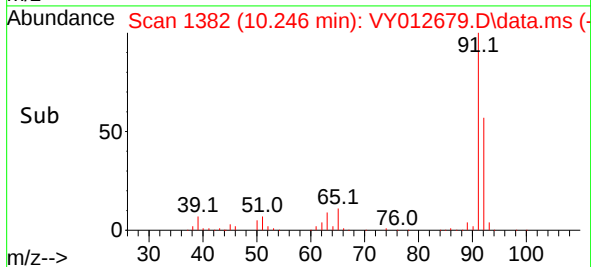
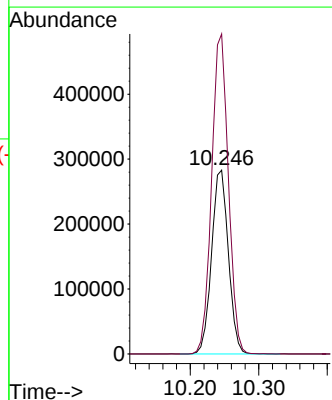
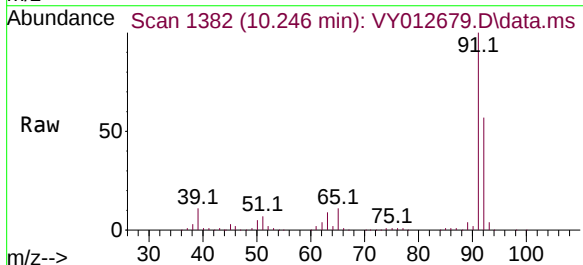
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

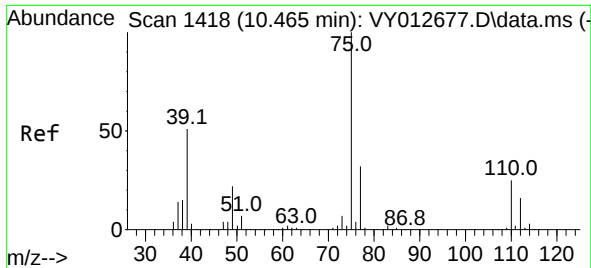
Tgt Ion: 43 Resp: 871338
Ion Ratio Lower Upper
43 100
58 35.8 28.8 43.2



#52
Toluene
Concen: 148.136 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion: 92 Resp: 481017
Ion Ratio Lower Upper
92 100
91 174.0 139.5 209.3

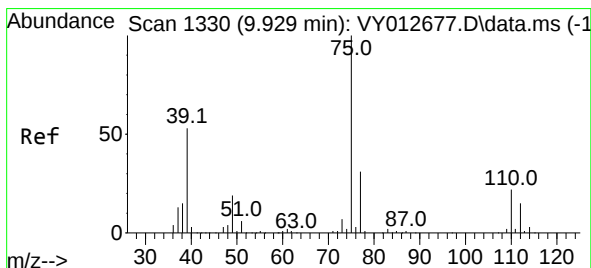
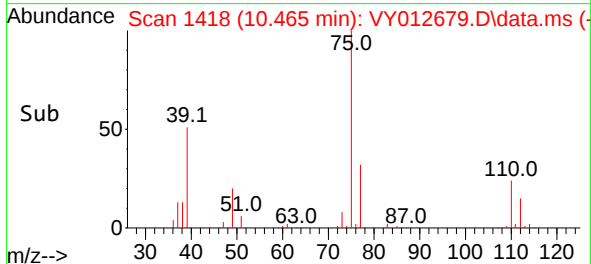
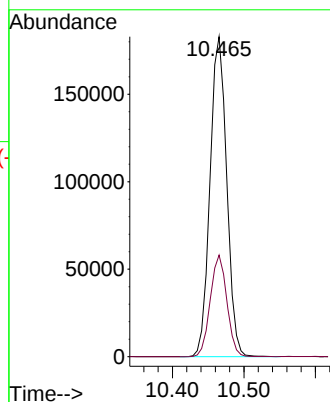
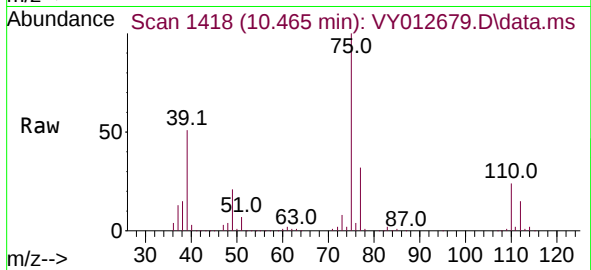




#53
t-1,3-Dichloropropene
Concen: 151.506 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

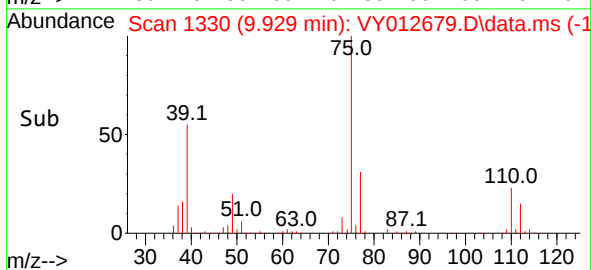
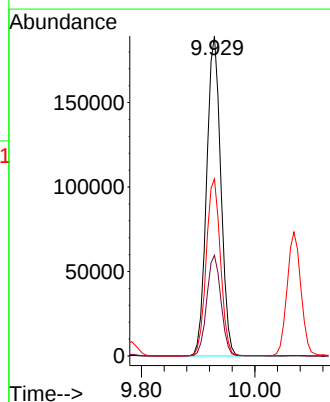
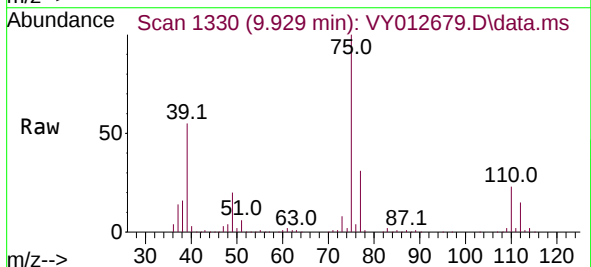
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

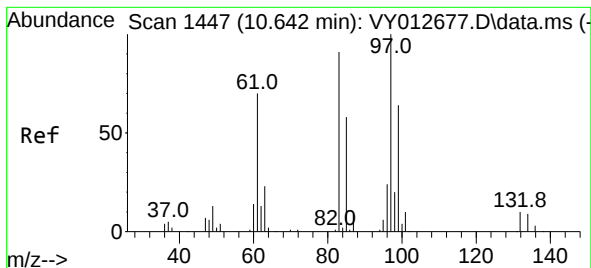
Tgt Ion: 75 Resp: 296589
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 148.847 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion: 75 Resp: 329718
Ion Ratio Lower Upper
75 100
77 31.5 24.9 37.3
39 55.3 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 142.380 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 150488

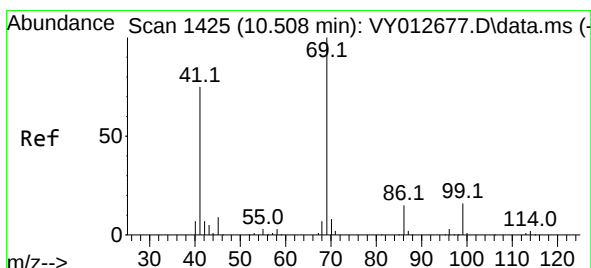
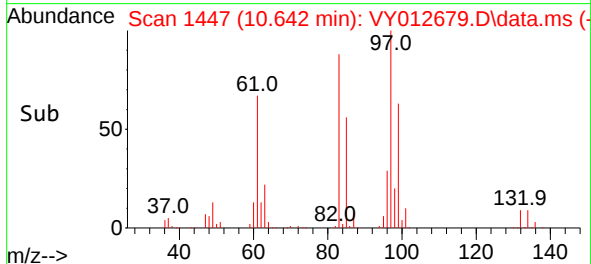
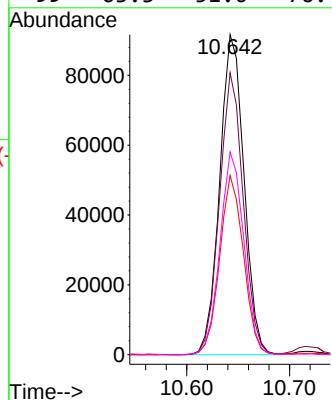
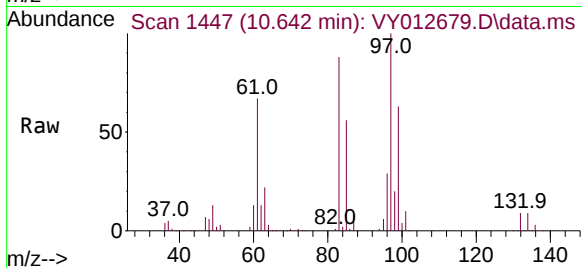
Ion Ratio Lower Upper

97 100

83 88.1 73.1 109.7

85 56.0 46.1 69.1

99 63.3 51.0 76.4



#56

Ethyl methacrylate

Concen: 154.136 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

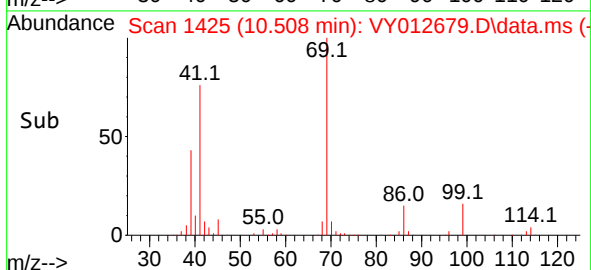
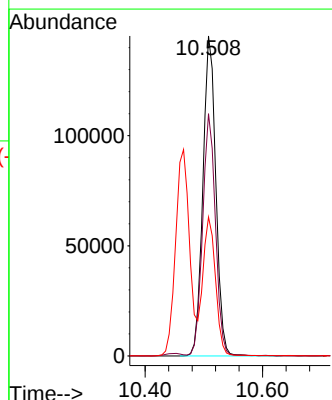
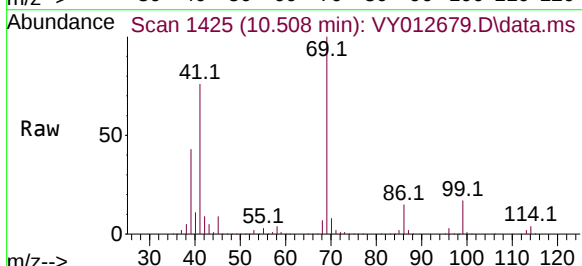
Tgt Ion: 69 Resp: 222486

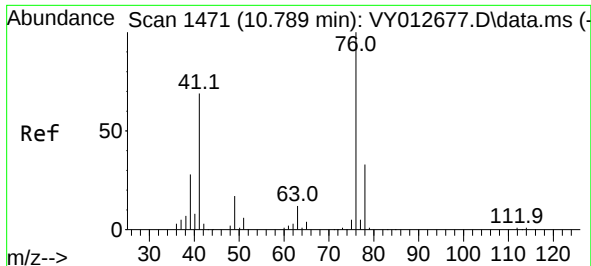
Ion Ratio Lower Upper

69 100

41 74.9 60.2 90.4

39 41.5 32.4 48.6

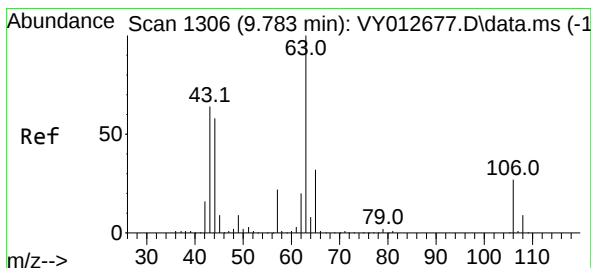
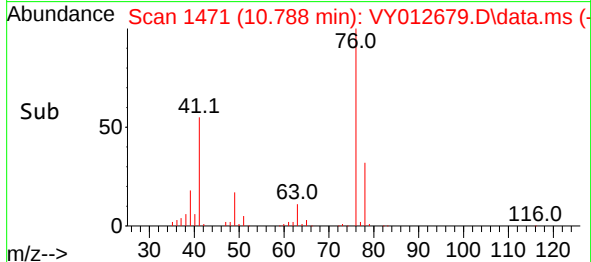
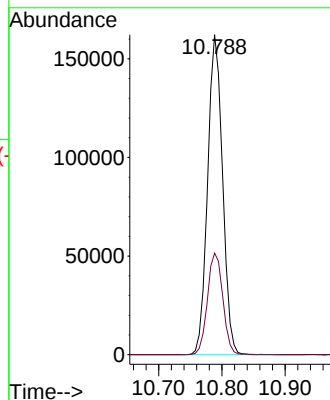
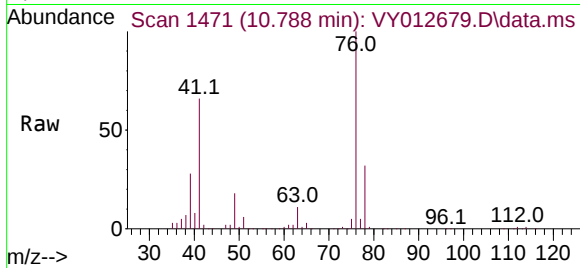




#57
1,3-Dichloropropane
Concen: 143.308 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

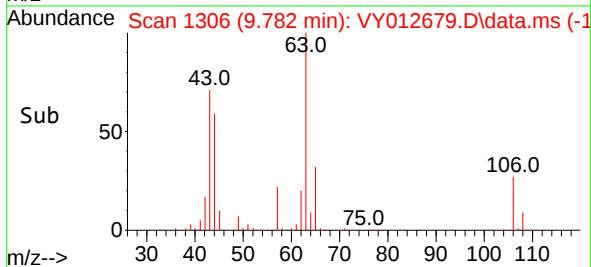
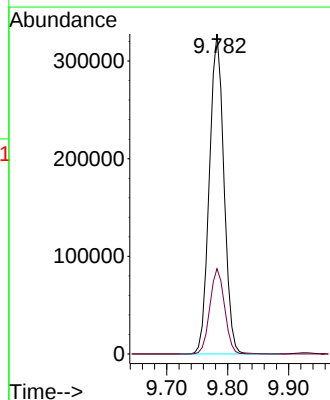
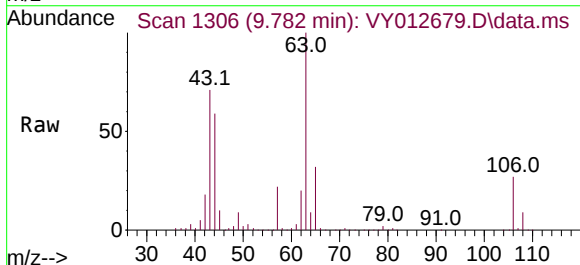
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

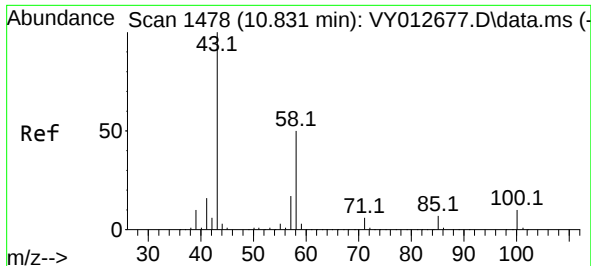
Tgt Ion: 76 Resp: 266224
Ion Ratio Lower Upper
76 100
78 32.7 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 721.180 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion: 63 Resp: 543801
Ion Ratio Lower Upper
63 100
106 26.8 21.0 31.6

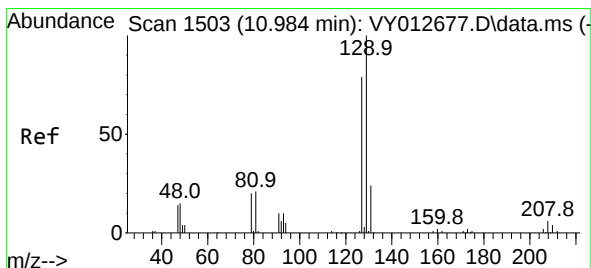
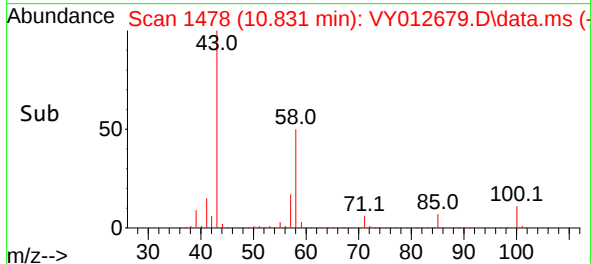
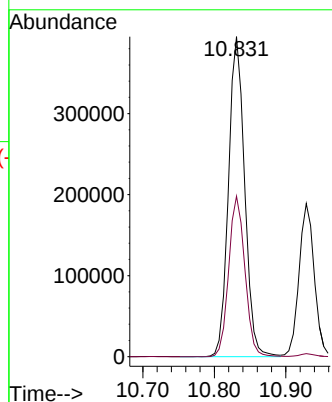
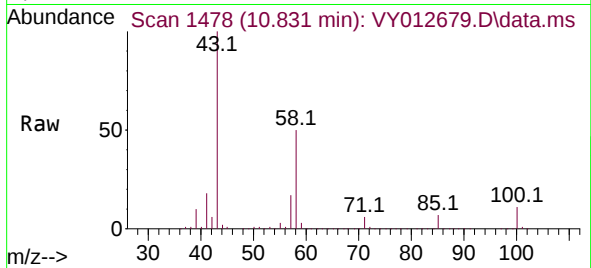




#59
2-Hexanone
Concen: 707.829 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

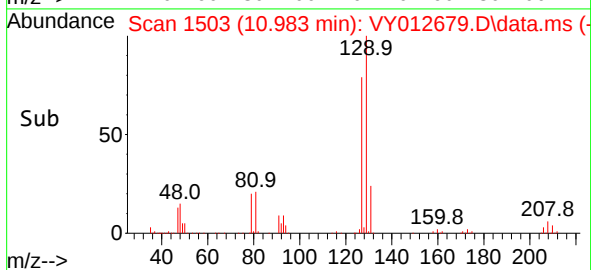
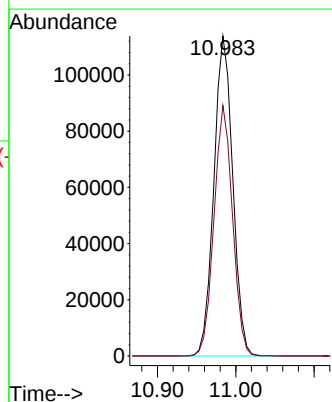
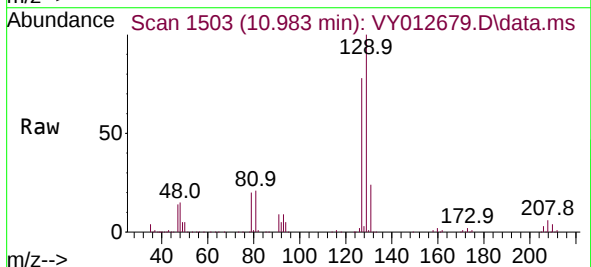
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

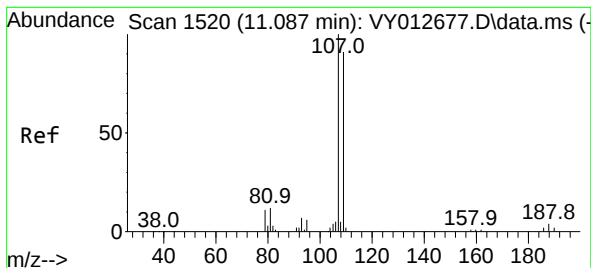
Tgt Ion: 43 Resp: 619662
Ion Ratio Lower Upper
43 100
58 50.3 24.9 74.6



#60
Dibromochloromethane
Concen: 148.873 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion: 129 Resp: 190638
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.3





#61

1,2-Dibromoethane

Concen: 145.882 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

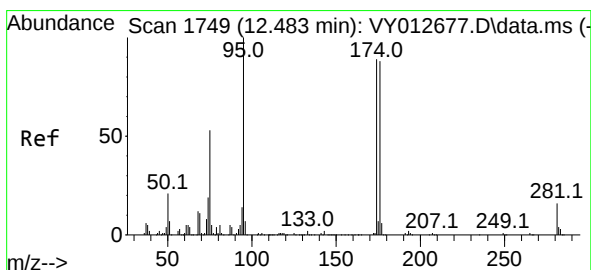
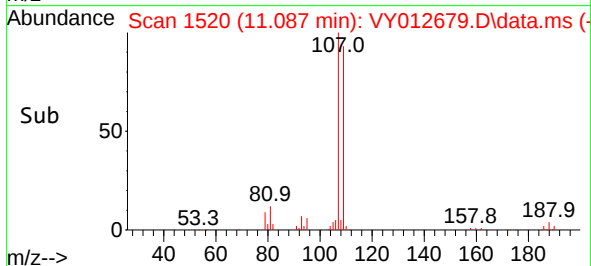
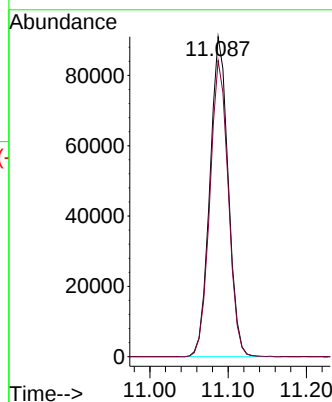
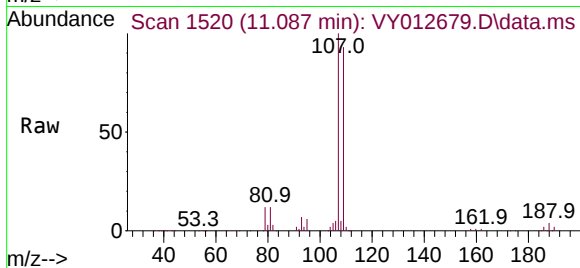
VSTDIC150

Tgt Ion:107 Resp: 147724

Ion Ratio Lower Upper

107 100

109 92.8 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 147.716 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

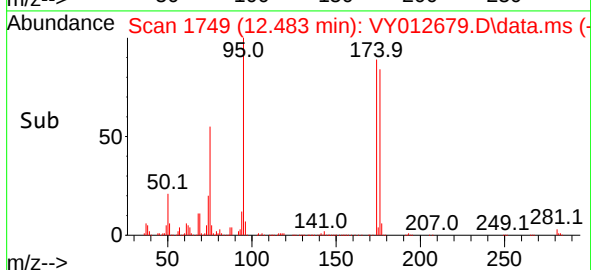
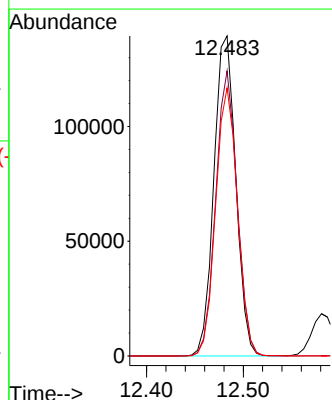
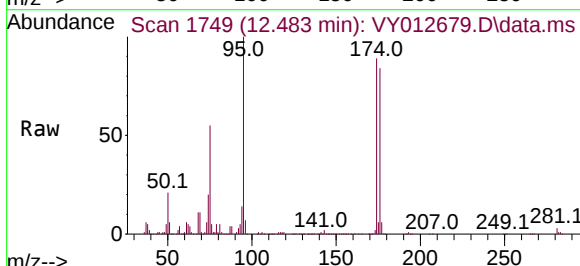
Tgt Ion: 95 Resp: 219353

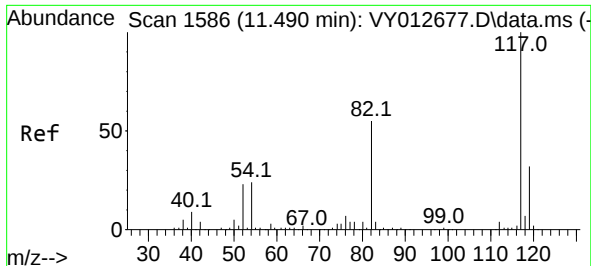
Ion Ratio Lower Upper

95 100

174 86.9 0.0 172.8

176 83.2 0.0 169.4

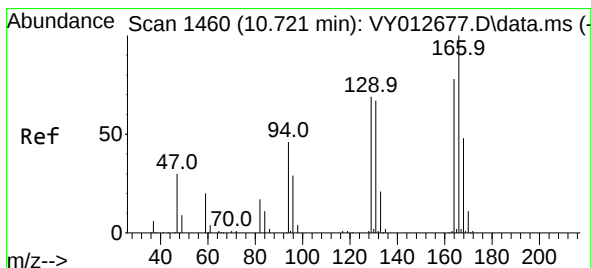
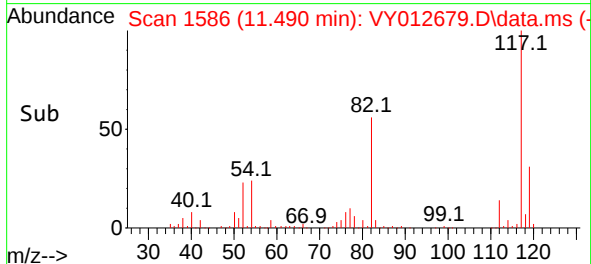
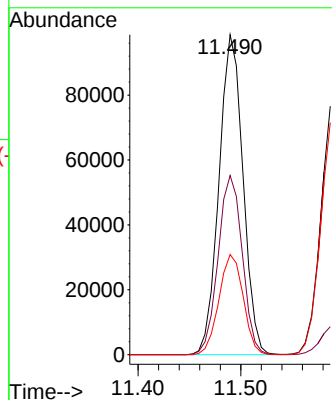
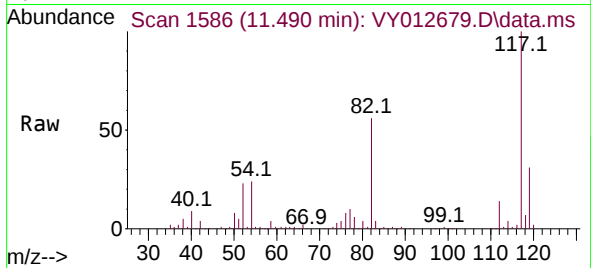




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

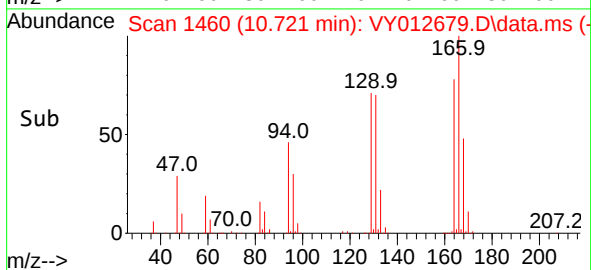
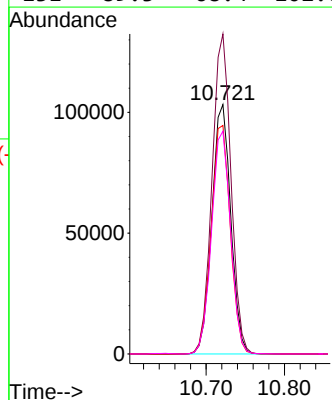
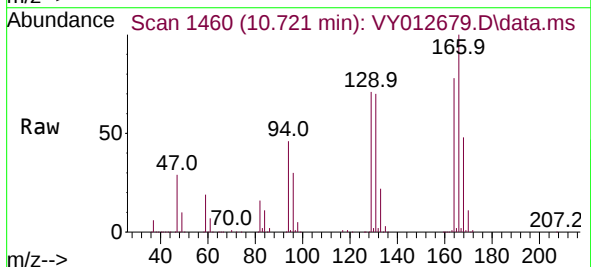
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

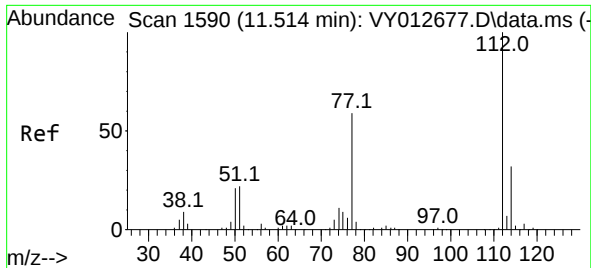
Tgt Ion:117 Resp: 159801
Ion Ratio Lower Upper
117 100
82 56.0 44.1 66.1
119 31.3 25.5 38.3



#64
Tetrachloroethene
Concen: 149.005 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion:164 Resp: 173175
Ion Ratio Lower Upper
164 100
166 128.3 102.2 153.4
129 91.6 71.0 106.6
131 89.3 68.4 102.6

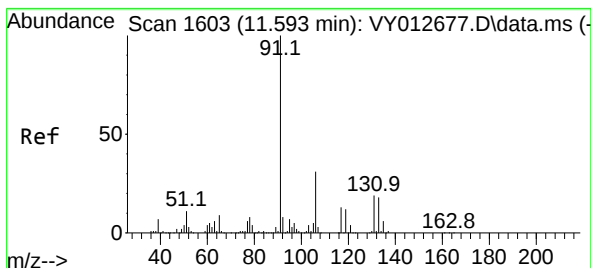
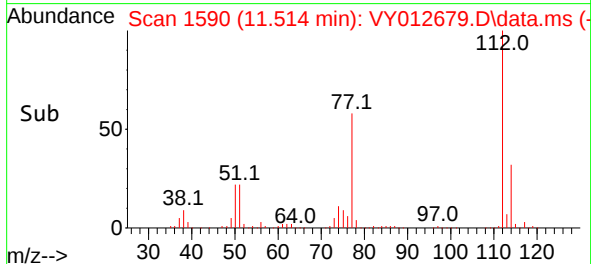
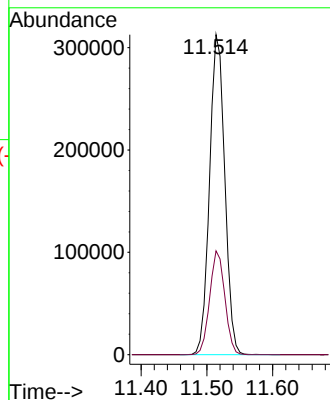
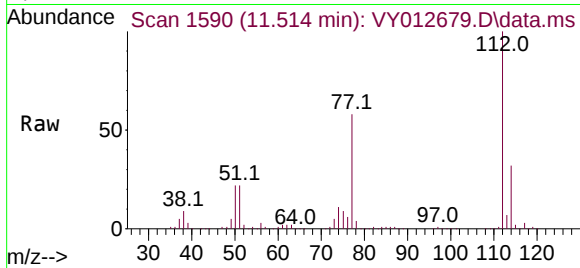




#65
Chlorobenzene
Concen: 147.034 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

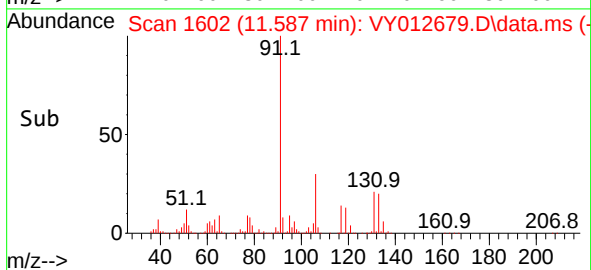
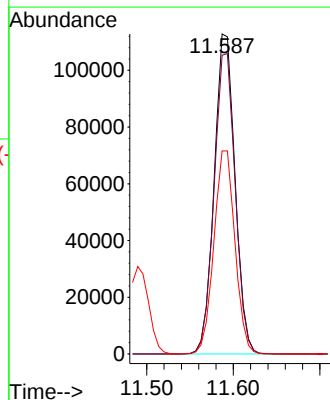
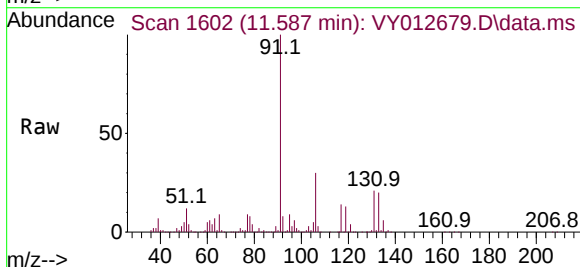
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

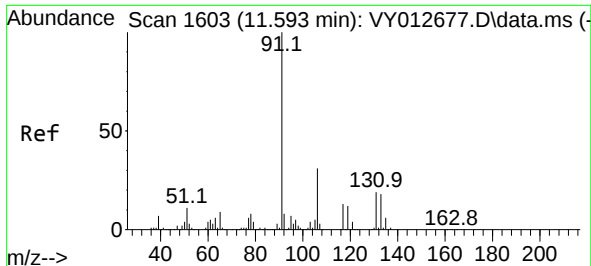
Tgt Ion:112 Resp: 503854
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 148.615 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion:131 Resp: 188735
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.3
119 64.2 32.4 97.2





#67

Ethyl Benzene

Concen: 153.968 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

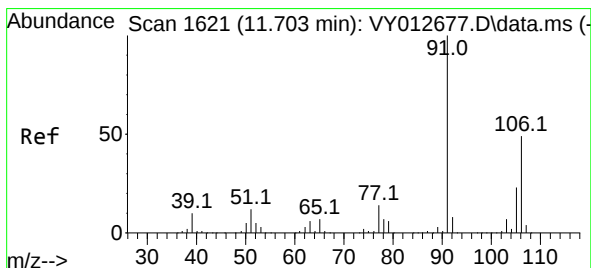
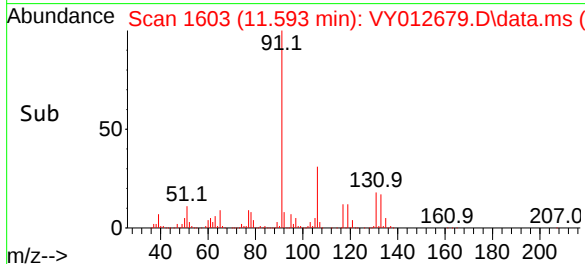
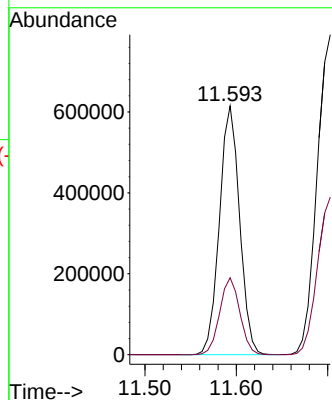
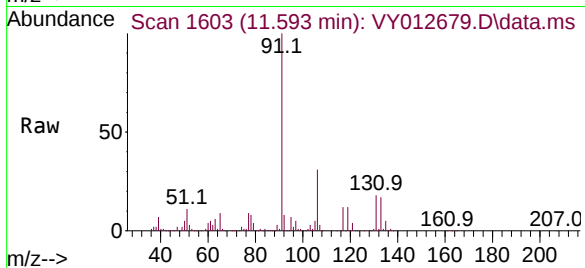
VSTDIC150

Tgt Ion: 91 Resp: 943108

Ion Ratio Lower Upper

91 100

106 30.9 25.2 37.8



#68

m/p-Xylenes

Concen: 303.057 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012679.D

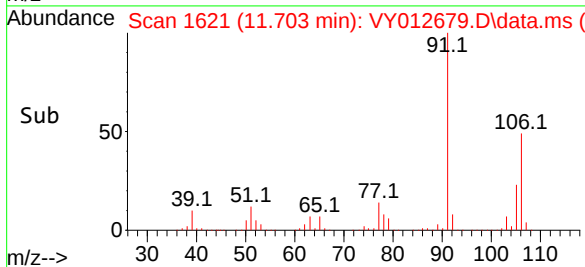
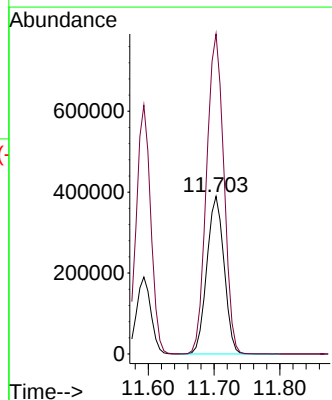
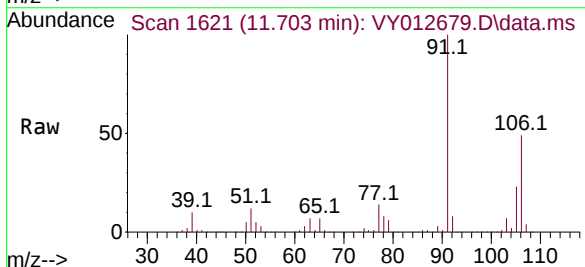
Acq: 21 Feb 2023 17:09

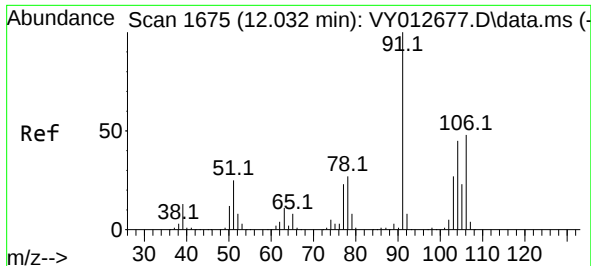
Tgt Ion:106 Resp: 708133

Ion Ratio Lower Upper

106 100

91 203.8 163.2 244.8





#69

o-Xylene

Concen: 153.257 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

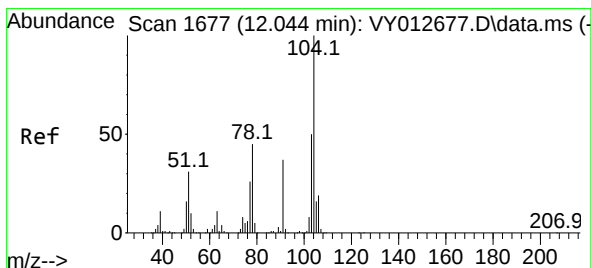
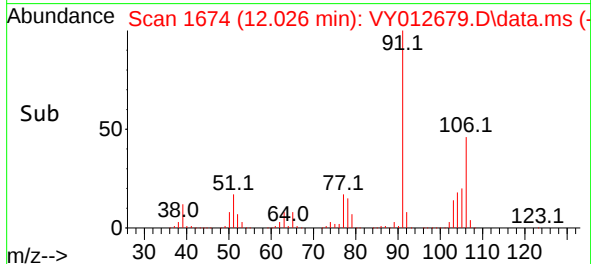
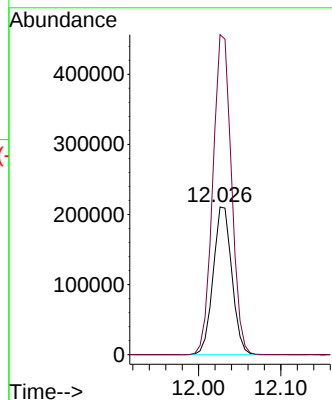
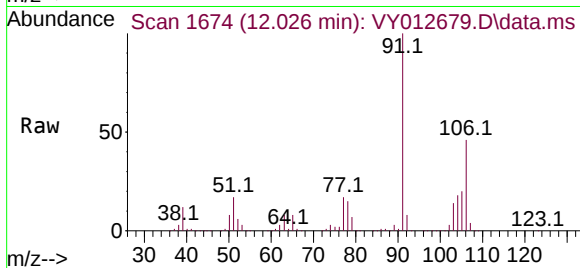
VSTDIC150

Tgt Ion:106 Resp: 331686

Ion Ratio Lower Upper

106 100

91 216.3 106.3 319.0



#70

Styrene

Concen: 154.763 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

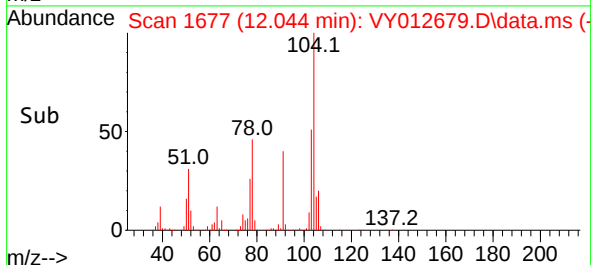
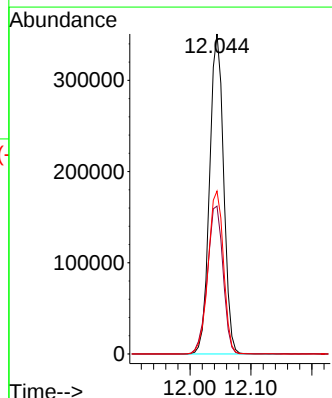
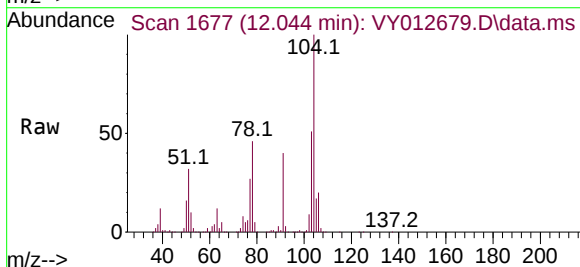
Tgt Ion:104 Resp: 561392

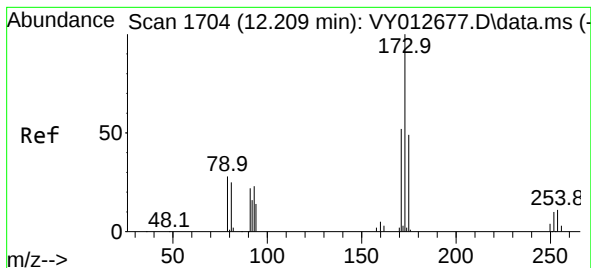
Ion Ratio Lower Upper

104 100

78 51.5 40.6 61.0

103 55.6 44.1 66.1





#71

Bromoform

Concen: 151.240 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

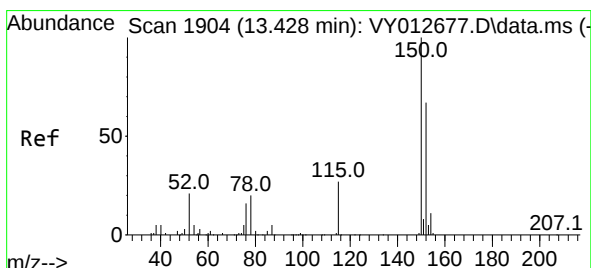
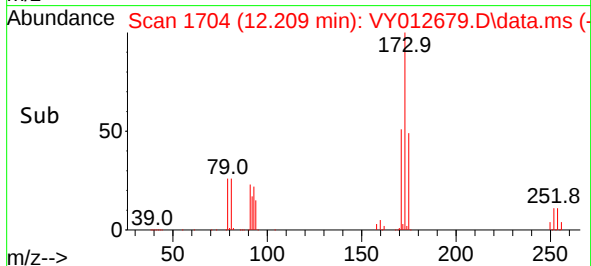
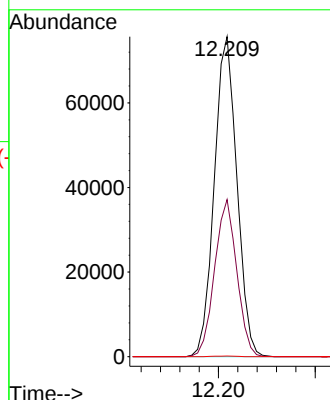
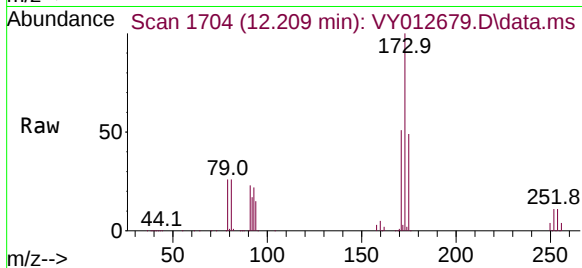
Tgt Ion:173 Resp: 122560

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.4

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

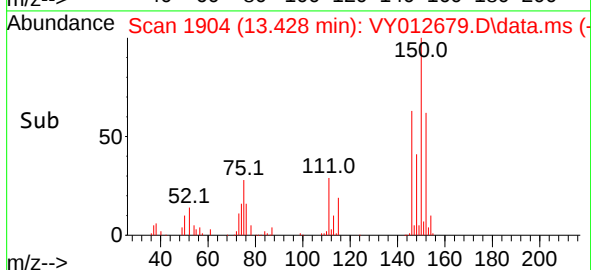
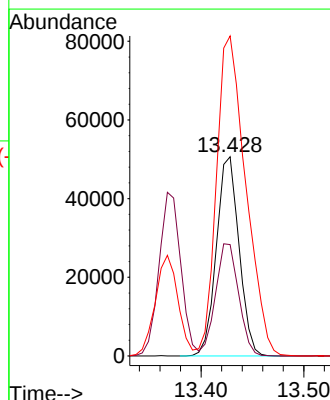
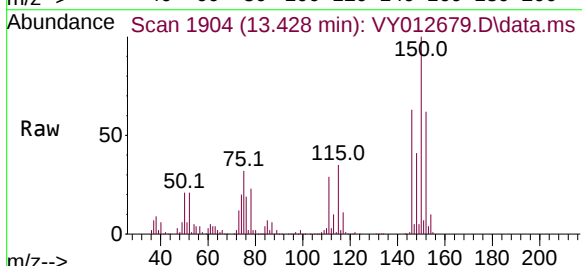
Tgt Ion:152 Resp: 77377

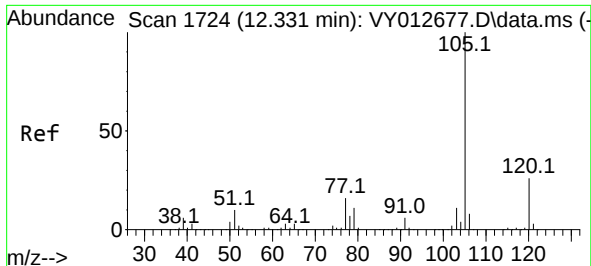
Ion Ratio Lower Upper

152 100

115 57.4 28.7 86.3

150 208.4 0.0 347.6

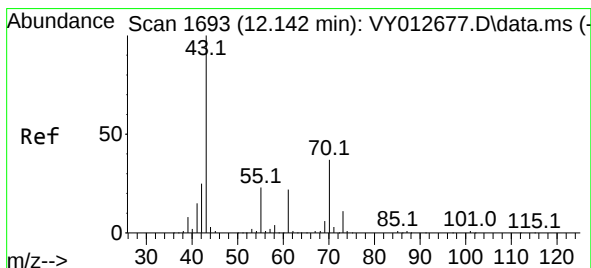
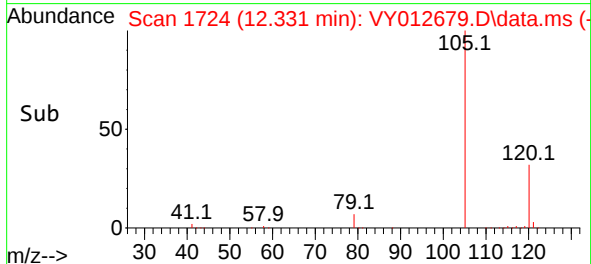
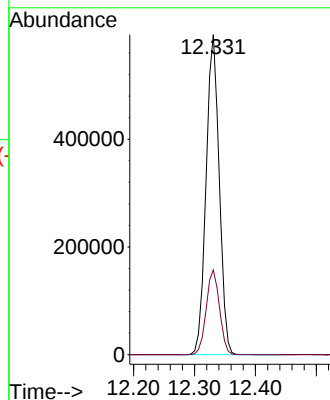
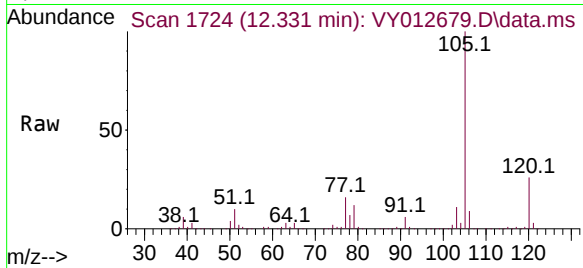




#73
Isopropylbenzene
Concen: 155.473 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

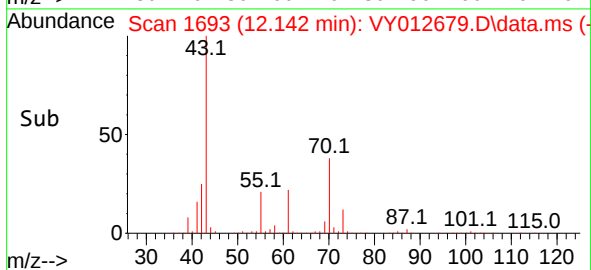
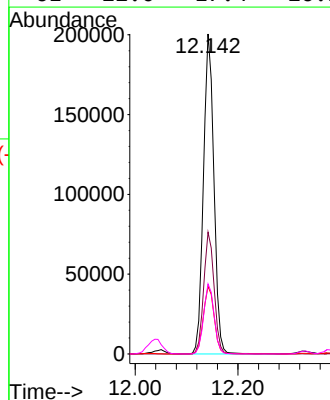
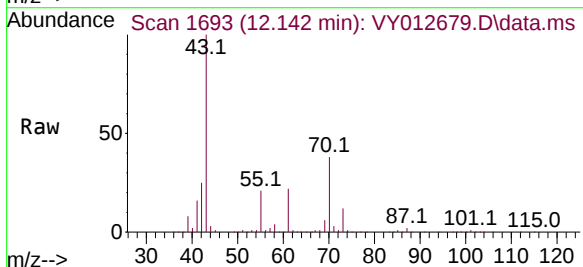
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

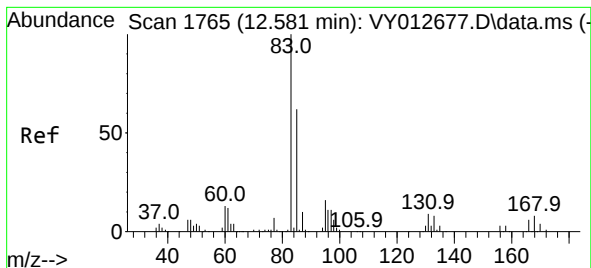
Tgt Ion:105 Resp: 889005
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.5



#74
N-ethyl acetate
Concen: 150.364 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion: 43 Resp: 282638
Ion Ratio Lower Upper
43 100
70 38.0 29.8 44.6
55 21.8 18.2 27.2
61 22.0 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 138.719 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

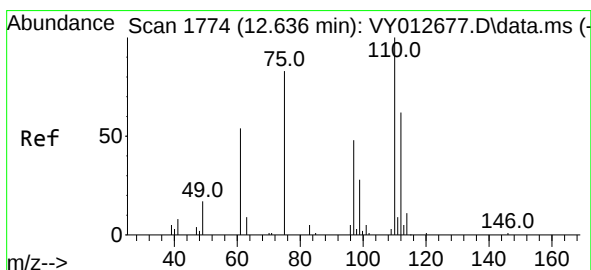
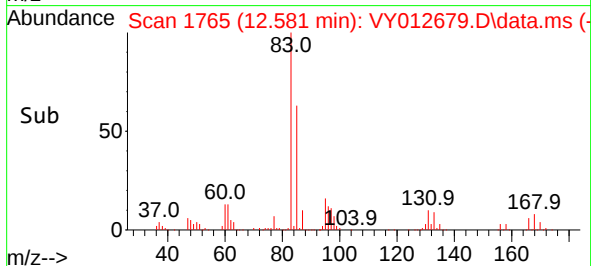
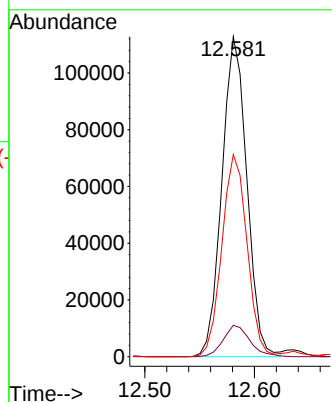
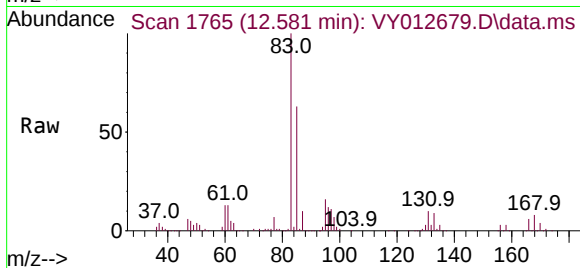
Tgt Ion: 83 Resp: 178348

Ion Ratio Lower Upper

83 100

131 10.4 5.0 15.0

85 63.6 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 254.955 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012679.D

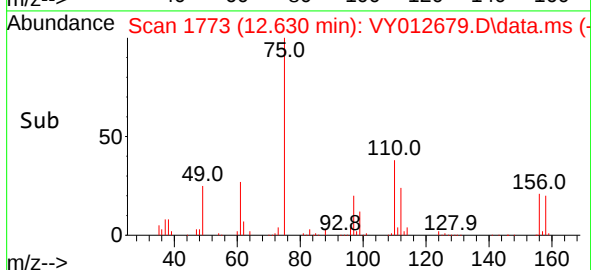
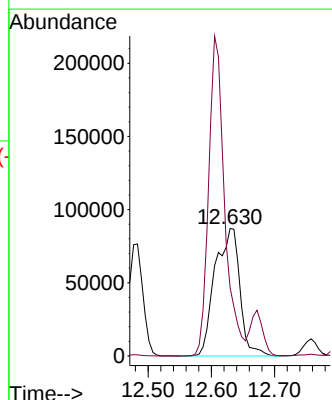
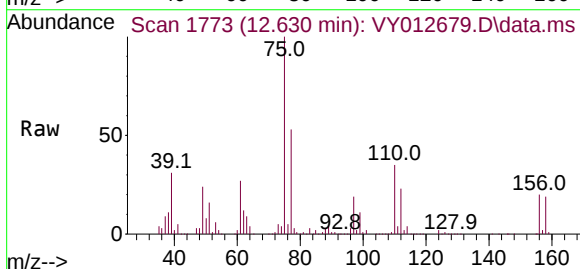
Acq: 21 Feb 2023 17:09

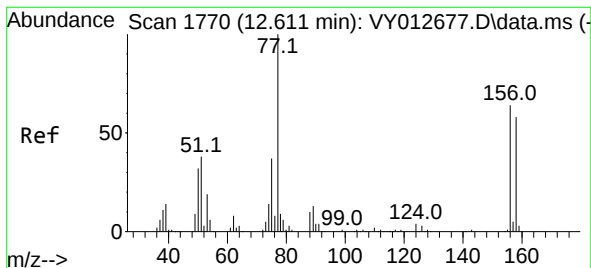
Tgt Ion: 75 Resp: 237777

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 149.500 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

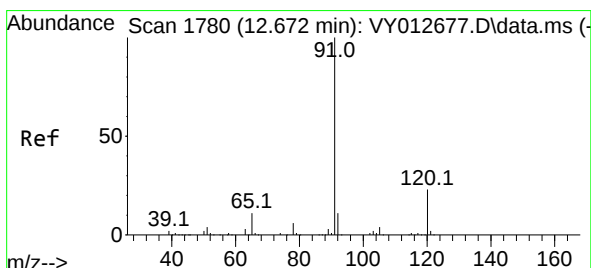
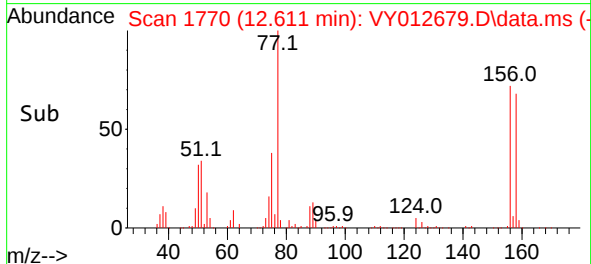
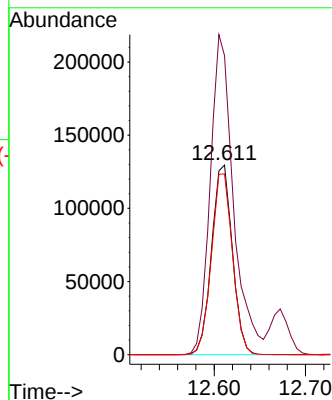
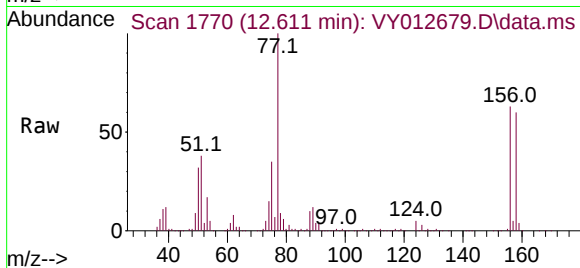
Tgt Ion:156 Resp: 204832

Ion Ratio Lower Upper

156 100

77 188.2 96.3 288.8

158 96.7 48.5 145.6



#78

n-propylbenzene

Concen: 151.235 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012679.D

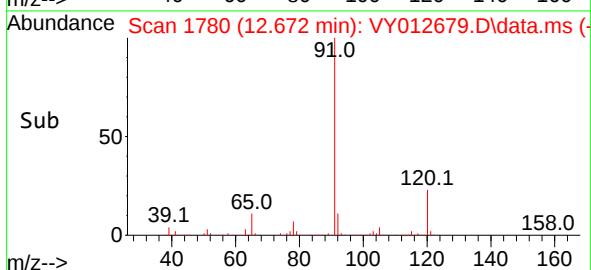
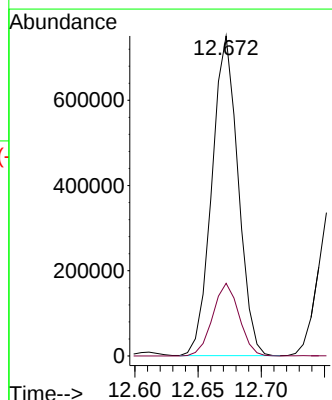
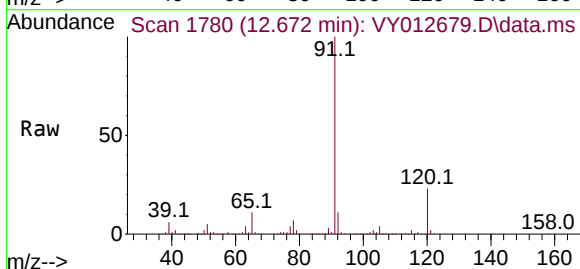
Acq: 21 Feb 2023 17:09

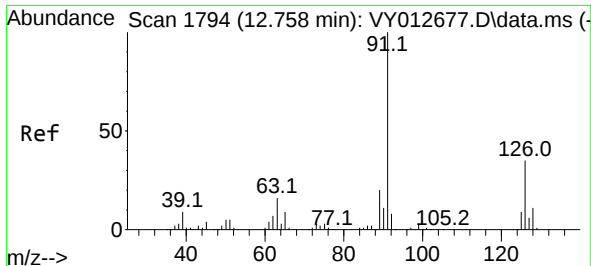
Tgt Ion: 91 Resp: 1081679

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.8

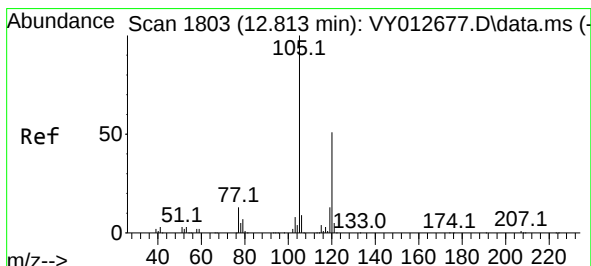
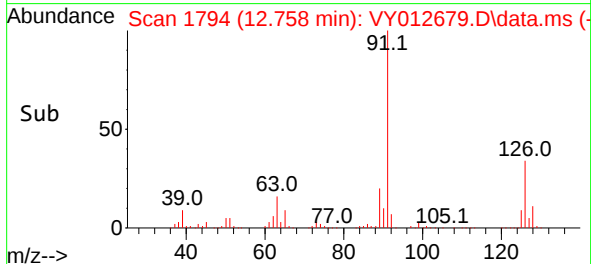
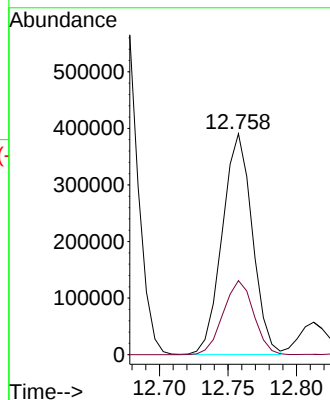
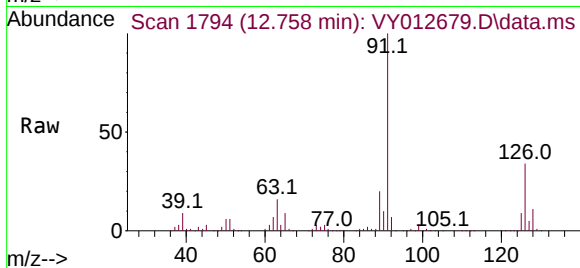




#79
2-Chlorotoluene
Concen: 150.020 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

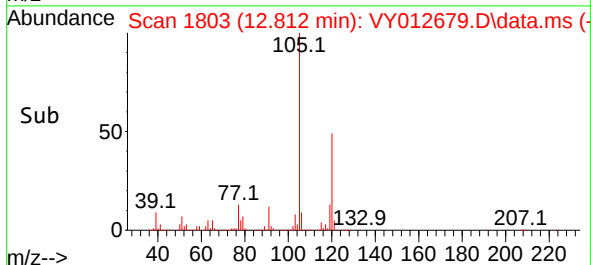
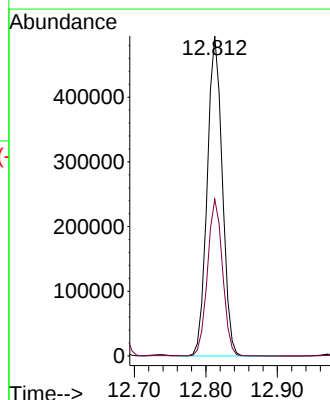
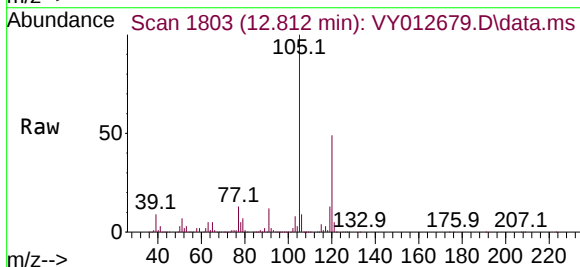
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

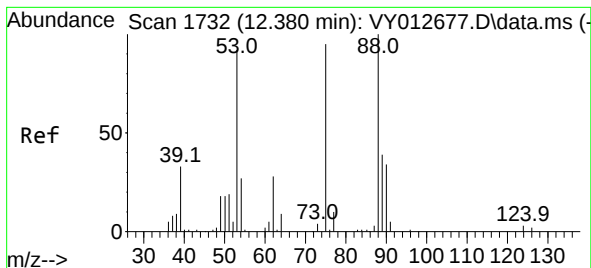
Tgt Ion: 91 Resp: 596097
Ion Ratio Lower Upper
91 100
126 34.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 151.265 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion: 105 Resp: 722511
Ion Ratio Lower Upper
105 100
120 49.1 24.7 74.1

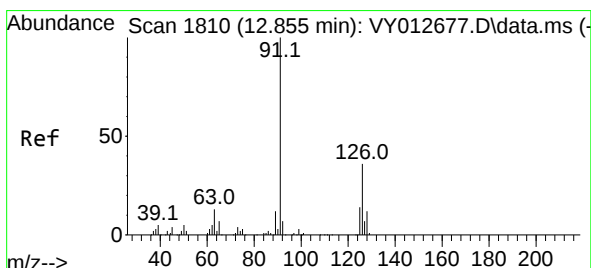
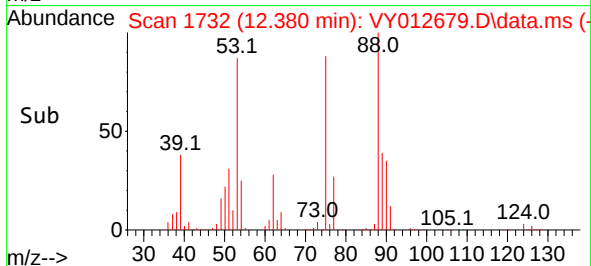
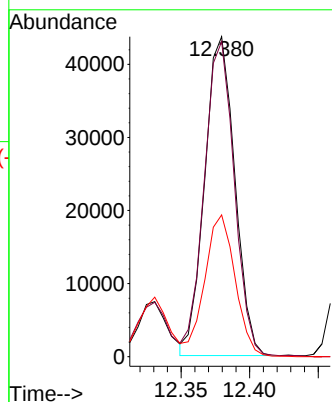
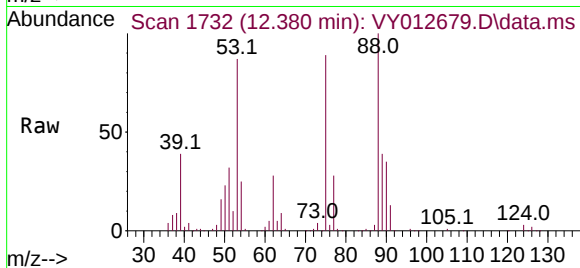




#81
trans-1,4-Dichloro-2-butene
Concen: 146.607 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

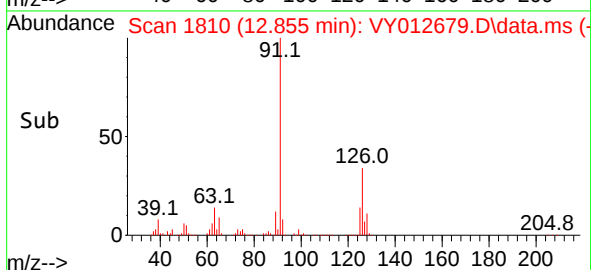
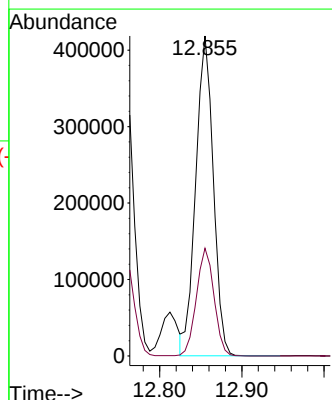
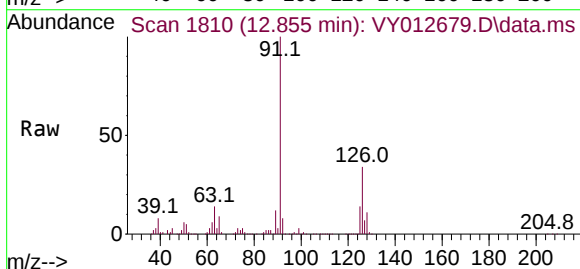
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

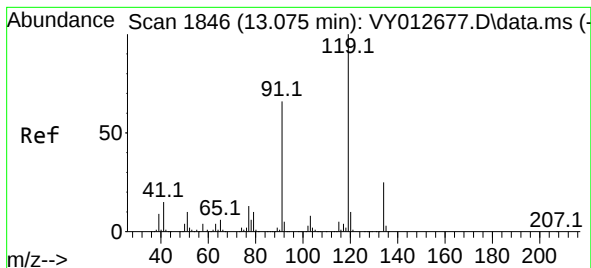
Tgt Ion: 75 Resp: 66756
Ion Ratio Lower Upper
75 100
53 99.1 80.4 120.6
89 45.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 150.567 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion: 91 Resp: 620500
Ion Ratio Lower Upper
91 100
126 33.8 17.2 51.5





#83

tert-Butylbenzene

Concen: 154.768 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

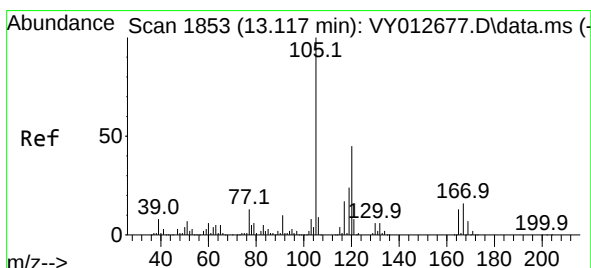
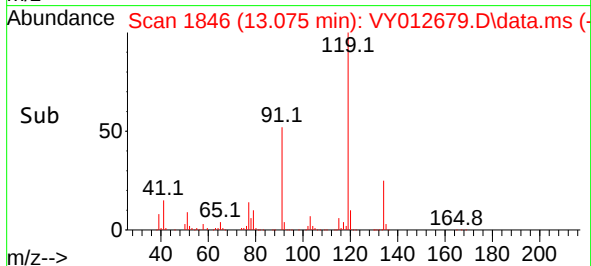
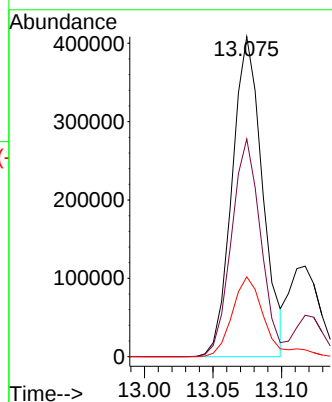
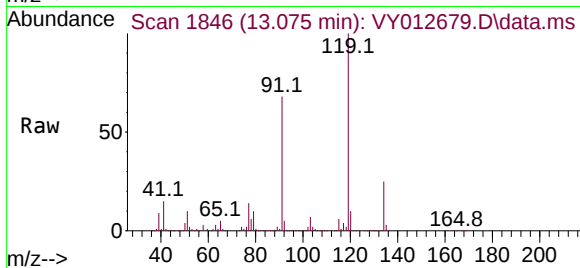
Tgt Ion:119 Resp: 631251

Ion Ratio Lower Upper

119 100

91 65.5 32.4 97.2

134 26.7 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 152.236 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY012679.D

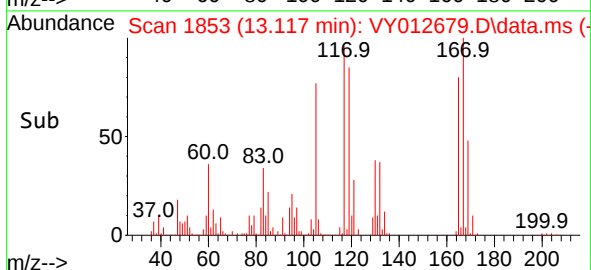
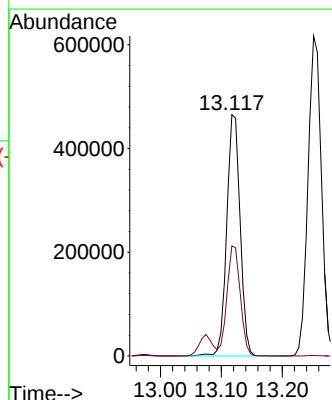
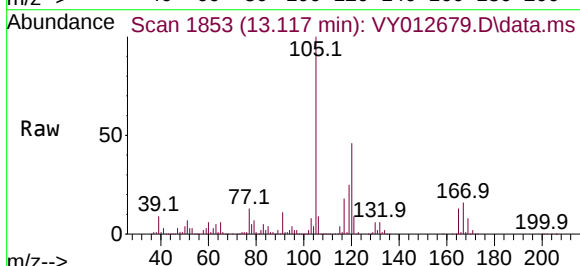
Acq: 21 Feb 2023 17:09

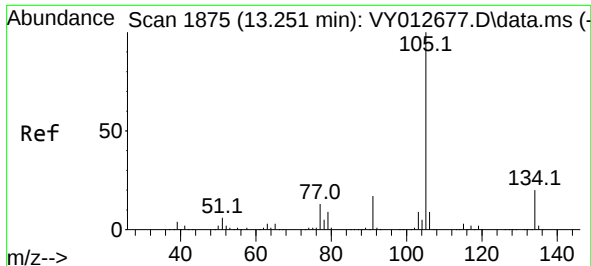
Tgt Ion:105 Resp: 710838

Ion Ratio Lower Upper

105 100

120 45.4 22.7 68.0

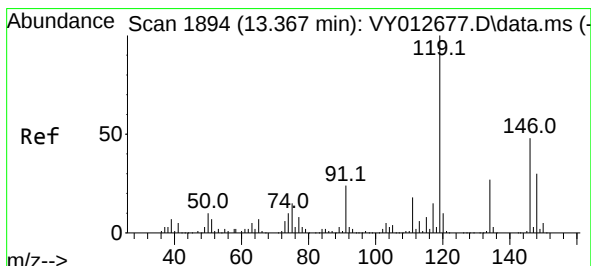
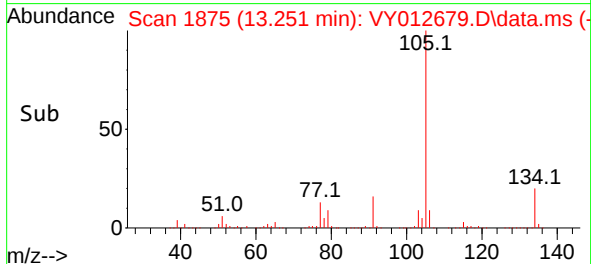
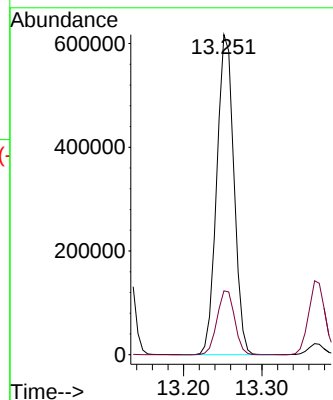
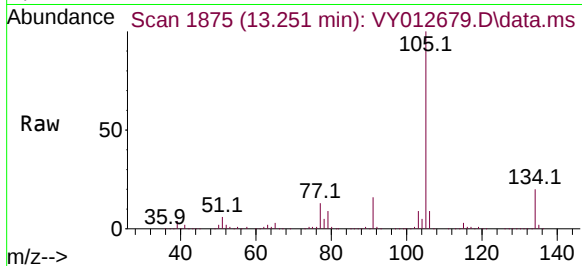




#85
 sec-Butylbenzene
 Concen: 151.277 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY012679.D
 Acq: 21 Feb 2023 17:09

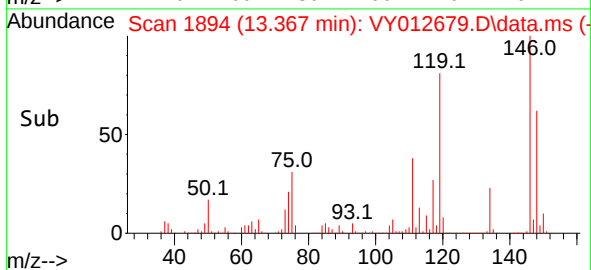
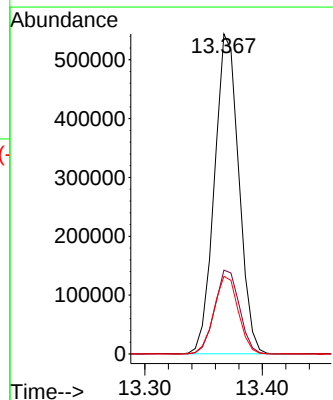
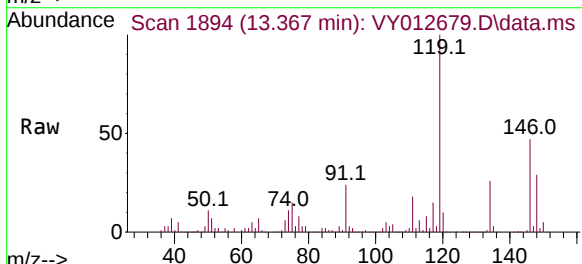
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

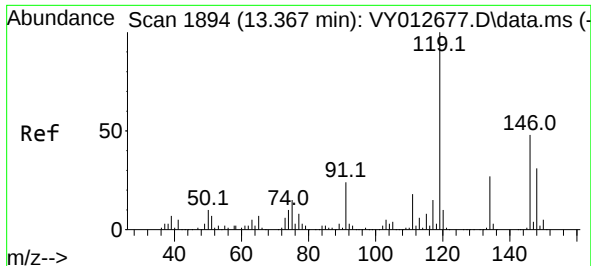
Tgt Ion:105 Resp: 938775
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 153.517 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY012679.D
 Acq: 21 Feb 2023 17:09

Tgt Ion:119 Resp: 784586
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 24.3 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 145.840 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

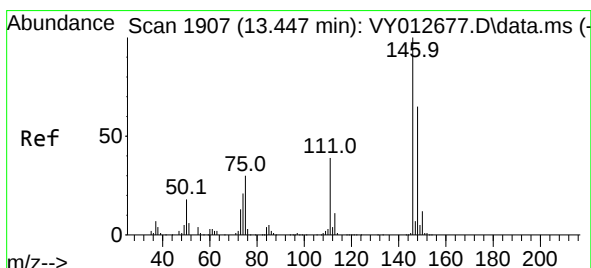
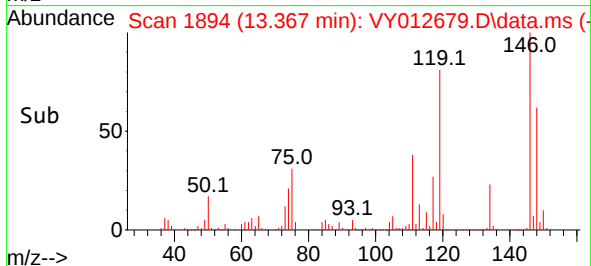
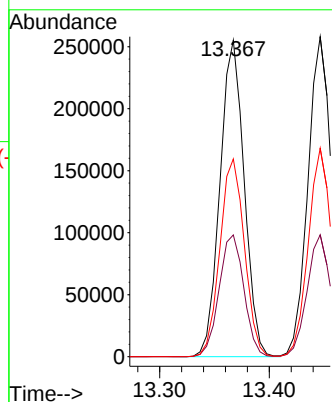
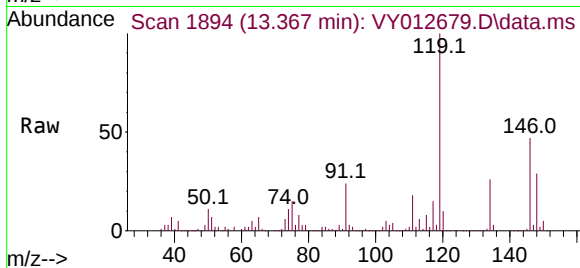
Tgt Ion:146 Resp: 391372

Ion Ratio Lower Upper

146 100

111 39.4 19.6 58.7

148 63.4 31.3 93.9



#88

1,4-Dichlorobenzene

Concen: 142.317 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

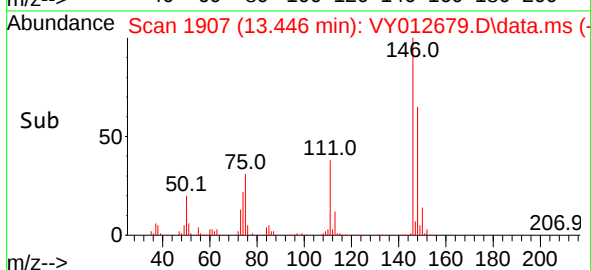
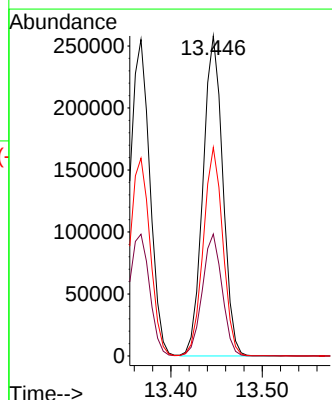
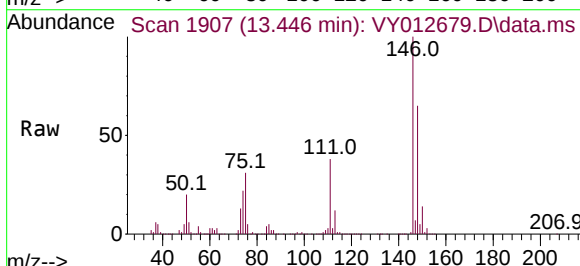
Tgt Ion:146 Resp: 387292

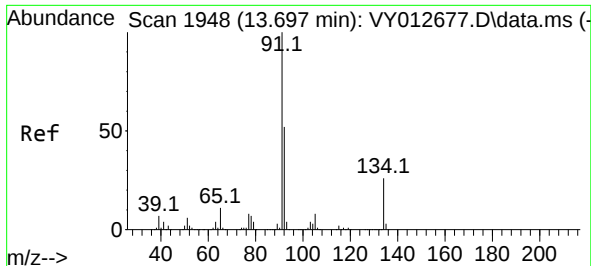
Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.3

148 64.3 32.0 96.0

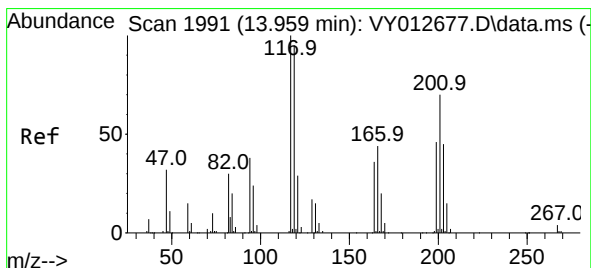
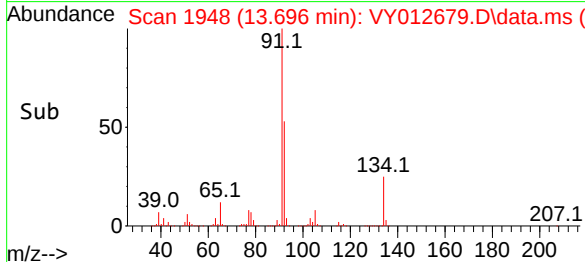
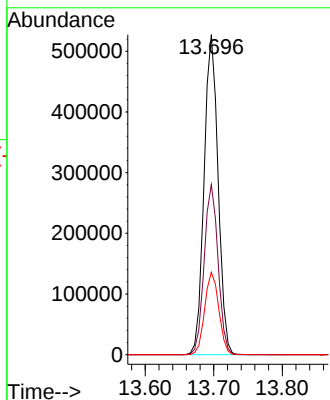
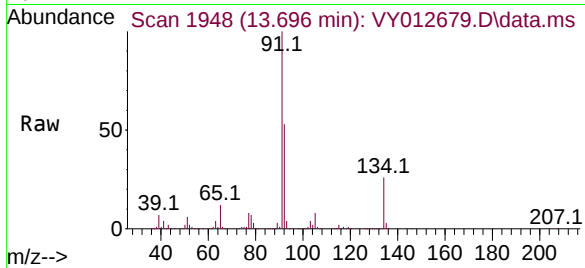




#89
n-Butylbenzene
Concen: 153.122 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

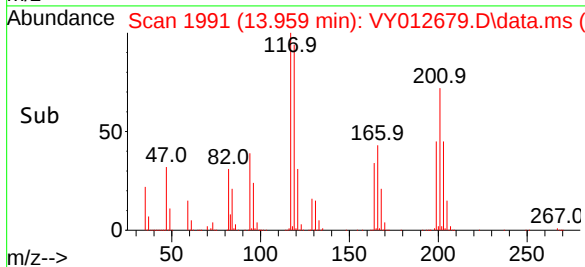
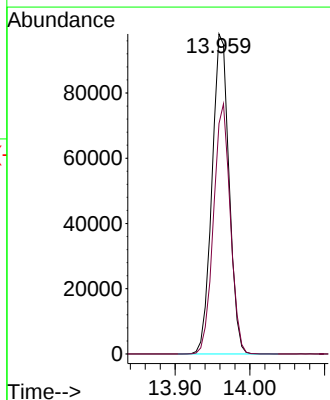
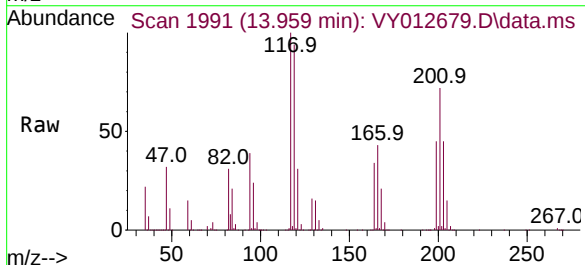
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

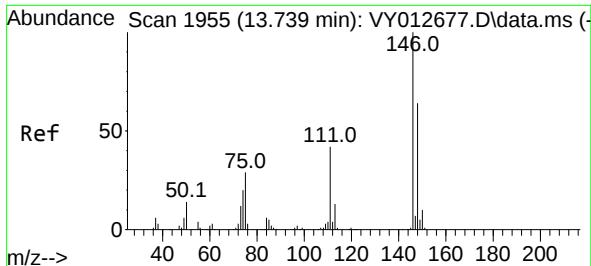
Tgt Ion: 91 Resp: 749454
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.8
134 25.9 13.0 38.9



#90
Hexachloroethane
Concen: 150.064 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY012679.D
Acq: 21 Feb 2023 17:09

Tgt Ion: 117 Resp: 155642
Ion Ratio Lower Upper
117 100
201 77.2 38.3 114.8





#91

1,2-Dichlorobenzene

Concen: 145.072 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

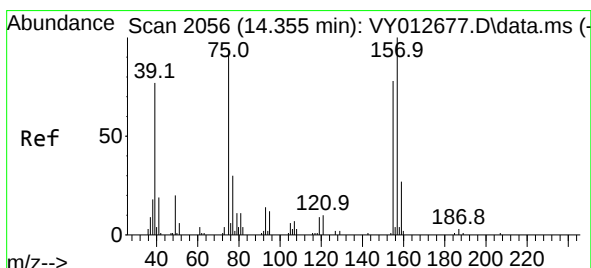
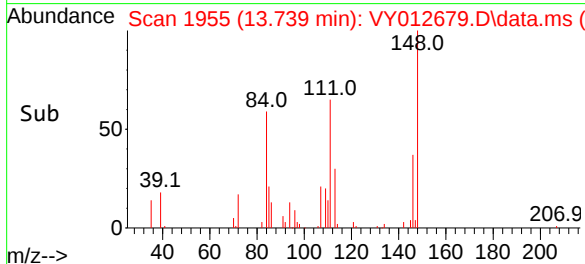
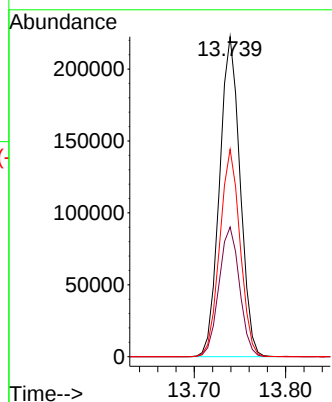
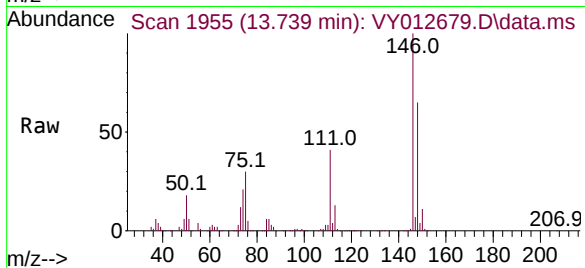
Tgt Ion:146 Resp: 347691

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.8

148 64.0 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 144.622 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

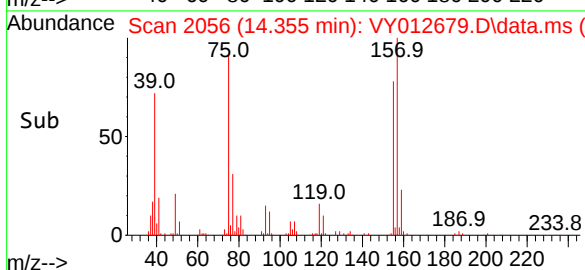
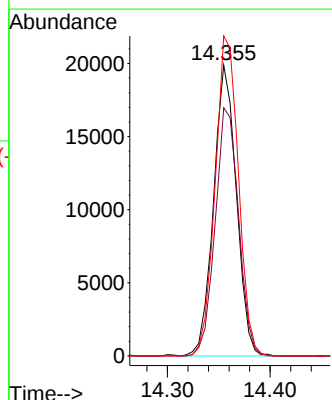
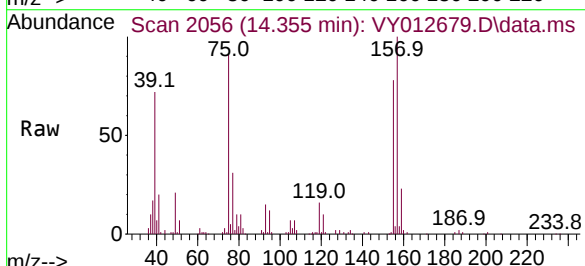
Tgt Ion: 75 Resp: 30564

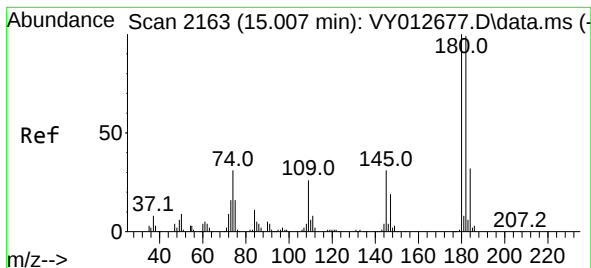
Ion Ratio Lower Upper

75 100

155 87.5 43.6 130.8

157 112.3 55.0 165.2





#93

1,2,4-Trichlorobenzene

Concen: 153.351 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

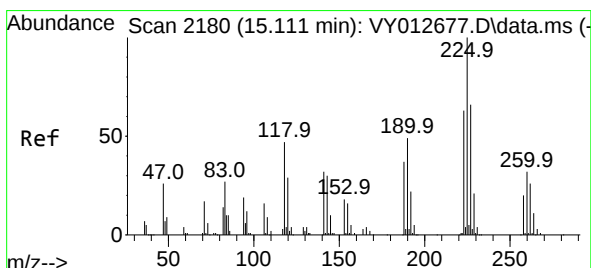
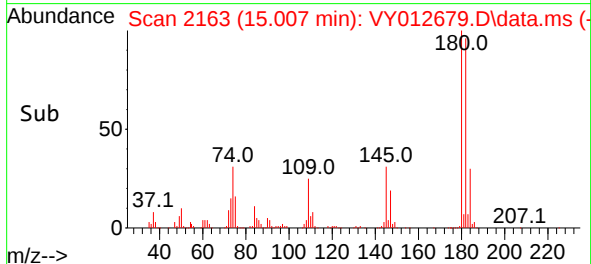
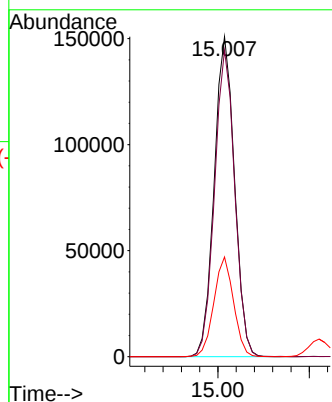
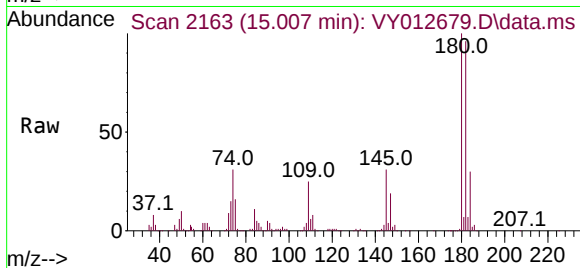
Tgt Ion:180 Resp: 232445

Ion Ratio Lower Upper

180 100

182 95.2 48.0 144.2

145 30.2 15.0 45.0



#94

Hexachlorobutadiene

Concen: 147.007 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

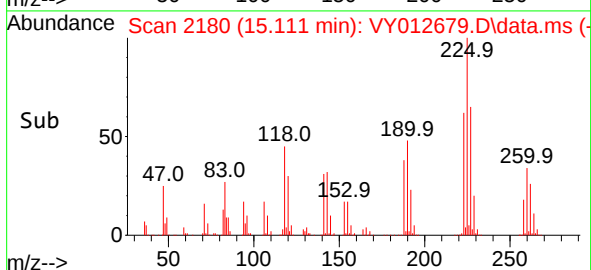
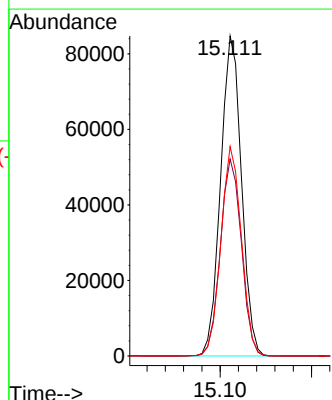
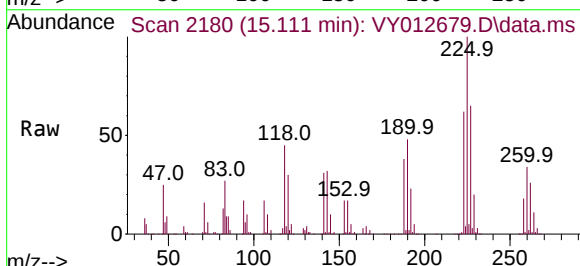
Tgt Ion:225 Resp: 134482

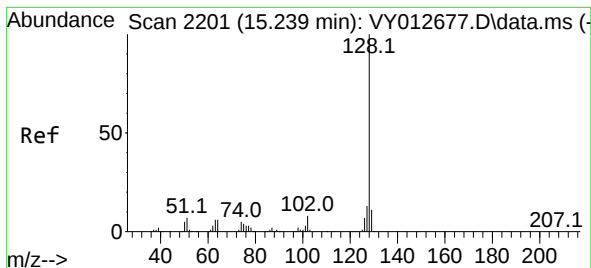
Ion Ratio Lower Upper

225 100

223 61.9 31.7 95.1

227 64.2 32.3 96.8





#95

Naphthalene

Concen: 158.815 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

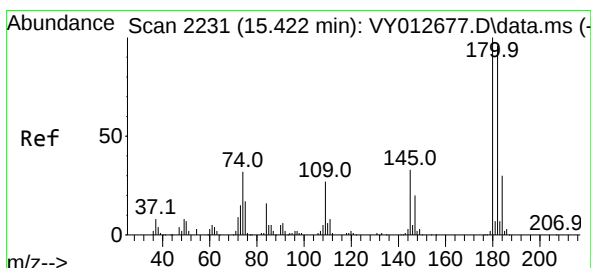
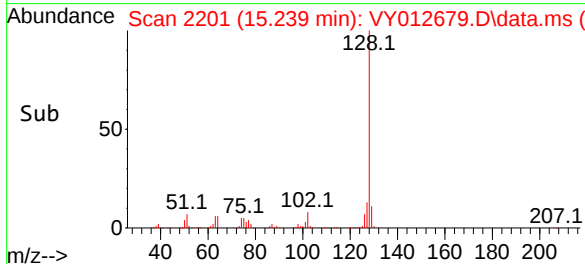
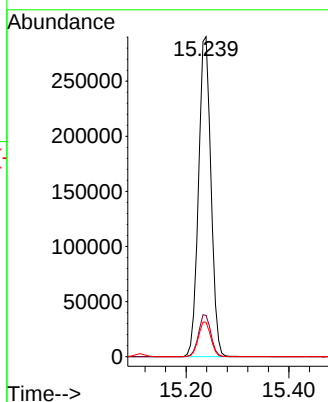
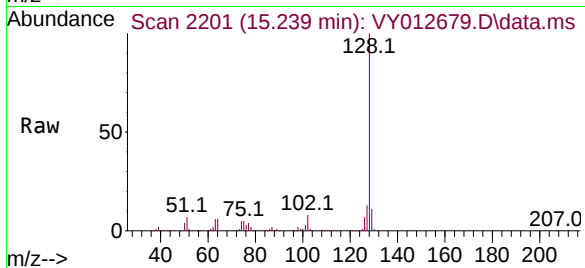
Tgt Ion:128 Resp: 486418

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 151.673 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012679.D

Acq: 21 Feb 2023 17:09

Tgt Ion:180 Resp: 203495

Ion Ratio Lower Upper

180 100

182 95.2 48.5 145.6

145 32.0 16.1 48.2

