

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120321\
 Data File : VY006922.D
 Acq On : 03 Dec 2021 17:21
 Operator : SY/MD
 Sample : VSTD2.501
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD2.5801

Quant Time: Dec 04 02:10:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 04 02:08:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	191165	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	172710	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	84779	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	6039	1.960	ug/L	0.00
7) Chloroethane-d5	2.772	69	5456	2.388	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.857	63	14038	2.673	ug/L	0.00
21) 2-Butanone-d5	6.887	46	5802	6.673	ug/L	0.00
24) Chloroform-d	7.472	84	13688	2.884	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.136	65	8497	2.771	ug/L	0.00
32) Benzene-d6	8.112	84	26917	2.876	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.124	67	8645	3.128	ug/L	0.00
41) Toluene-d8	10.179	98	24588	2.758	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.435	79	4027	2.833	ug/L	0.00
47) 2-Hexanone-d5	10.782	63	3837	6.269	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.563	84	7815	3.578	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.721	152	8293	2.889	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	2997	0.975	ug/L #	87
3) Chloromethane	2.113	50	6503	2.022	ug/L	94
5) Vinyl chloride	2.259	62	8500	2.138	ug/L	99
6) Bromomethane	2.662	94	5355	2.869	ug/L	87
8) Chloroethane	2.802	64	5454	2.425	ug/L	100
9) Trichlorofluoromethane	3.119	101	6243	1.365	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.906	101	5903	2.333	ug/L #	66
12) 1,1-Dichloroethene	3.875	96	6686	2.687	ug/L	90
13) Acetone	3.942	43	5531	5.914	ug/L	71
14) Carbon disulfide	4.192	76	22410	2.535	ug/L	97
15) Methyl Acetate	4.473	43	3019	1.888	ug/L #	70
17) trans-1,2-Dichloroethene	5.222	96	7275	2.723	ug/L	90
18) Methyl tert-butyl Ether	5.216	73	13124	2.009	ug/L #	86
19) 1,1-Dichloroethane	6.021	63	13877	2.838	ug/L	96
20) cis-1,2-Dichloroethene	6.984	96	7402	2.631	ug/L	88
22) 2-Butanone	6.990	43	6750	5.957	ug/L	84
23) Bromochloromethane	7.338	128	3552	2.764	ug/L	93
25) Chloroform	7.509	83	13490	2.561	ug/L	99
27) 1,2-Dichloroethane	8.234	62	9565	2.541	ug/L	96
29) Cyclohexane	7.783	56	12837	2.800	ug/L	95
30) 1,1,1-Trichloroethane	7.698	97	11476	2.558	ug/L	98
31) Carbon tetrachloride	7.899	117	10910	2.653	ug/L	95
33) Benzene	8.161	78	30766	2.798	ug/L	100
34) Trichloroethene	8.941	95	7745	2.796	ug/L	90
35) Methylcyclohexane	9.185	83	13320	2.733	ug/L	93
37) 1,2-Dichloropropane	9.216	63	8266	3.109	ug/L	99
38) Bromodichloromethane	9.496	83	10407	2.873	ug/L	96
39) cis-1,3-Dichloropropene	9.923	75	11865	2.819	ug/L	99
40) 4-Methyl-2-pentanone	10.069	43	13292	6.181	ug/L	99
42) Toluene	10.240	91	31233	2.627	ug/L	100
44) trans-1,3-Dichloropropene	10.465	75	11167	2.807	ug/L	90
45) 1,1,2-Trichloroethane	10.642	97	6067	3.089	ug/L	87

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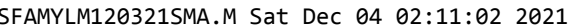
Instrument :
 MSVOA_Y
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 VSTD2.5801

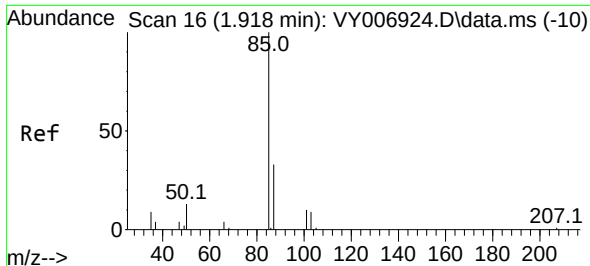
Quant Time: Dec 04 02:10:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.715	164	6231	2.687	ug/L	89
48) 2-Hexanone	10.831	43	8425	5.248	ug/L	99
49) Dibromochloromethane	10.984	129	7034	2.869	ug/L	94
50) 1,2-Dibromoethane	11.087	107	5428	2.953	ug/L	99
51) Chlorobenzene	11.514	112	19313	2.671	ug/L	98
52) Ethylbenzene	11.593	91	33612	2.642	ug/L	96
53) m,p-Xylene	11.703	106	12987	2.682	ug/L	100
54) o-Xylene	12.026	106	11805	2.547	ug/L	97
55) Styrene	12.044	104	19432	2.397	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.581	83	6588	2.978	ug/L	96
59) Bromoform	12.209	173	4473	2.927	ug/L #	96
60) Isopropylbenzene	12.331	105	30802	2.581	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	5673	3.199	ug/L	98
62) 1,3,5-Trimethylbenzene	12.812	105	24703	2.546	ug/L	98
63) 1,2,4-Trimethylbenzene	13.117	105	23456	2.445	ug/L	97
64) 1,3-Dichlorobenzene	13.361	146	14064	2.630	ug/L	98
65) 1,4-Dichlorobenzene	13.447	146	14978	2.785	ug/L	97
67) 1,2-Dichlorobenzene	13.739	146	12663	2.613	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.355	75	1202	2.924	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.501	180	9532	2.553	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	7984	2.653	ug/L	94
71) Naphthalene	15.233	128	14291	2.421	ug/L	99
72) 1,2,3-Trichlorobenzene	15.422	180	6507	2.514	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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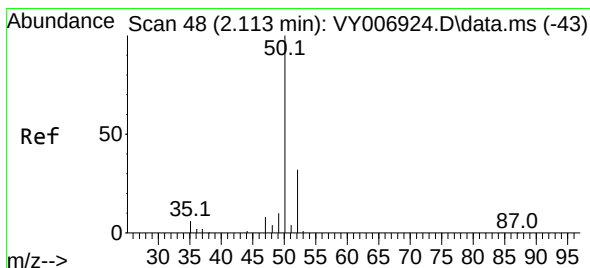
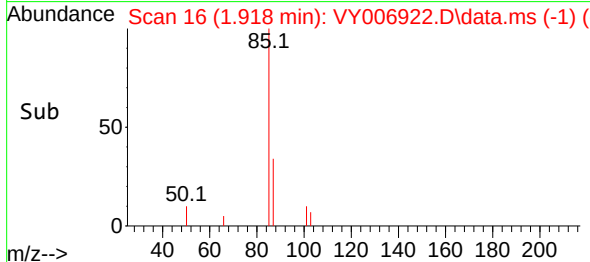
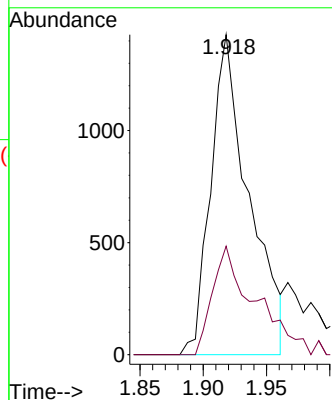
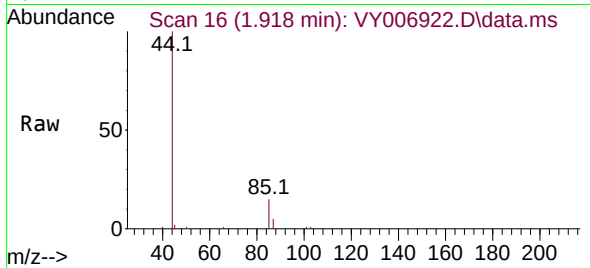




#2
 Dichlorodifluoromethane
 Concen: 0.975 ug/L
 RT: 1.918 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: VY006922.D
 Acq: 03 Dec 2021 17:21

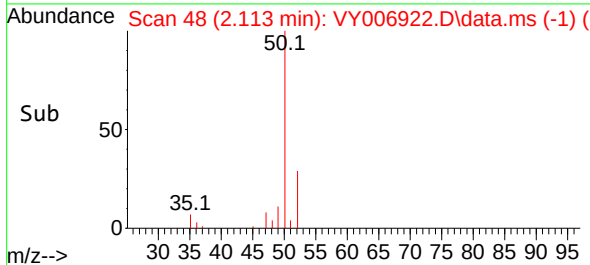
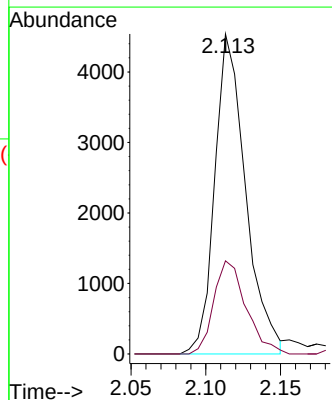
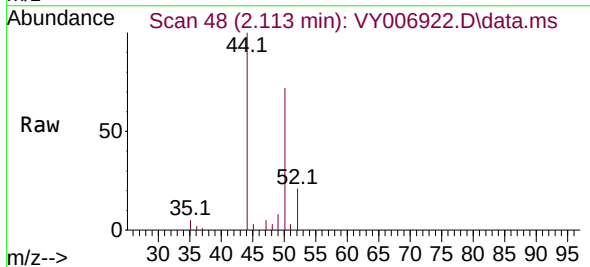
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD2.5801

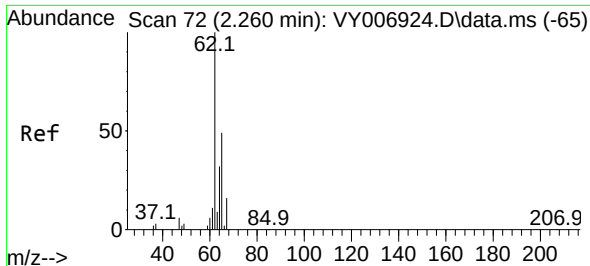
Tgt Ion: 85 Resp: 2997
 Ion Ratio Lower Upper
 85 100
 87 25.4 26.3 39.5#



#3
 Chloromethane
 Concen: 2.022 ug/L
 RT: 2.113 min Scan# 48
 Delta R.T. -0.000 min
 Lab File: VY006922.D
 Acq: 03 Dec 2021 17:21

Tgt Ion: 50 Resp: 6503
 Ion Ratio Lower Upper
 50 100
 52 29.1 22.7 42.1

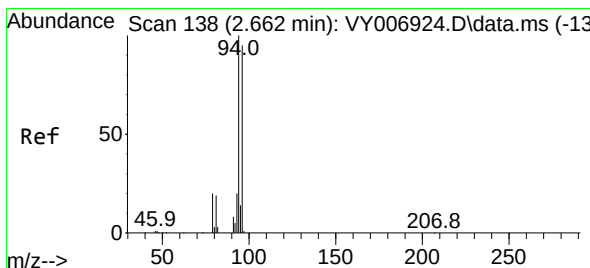
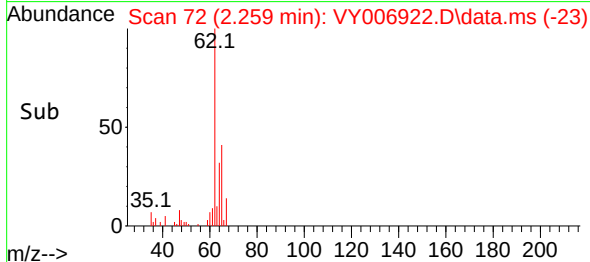
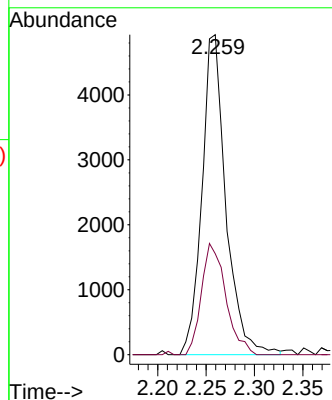
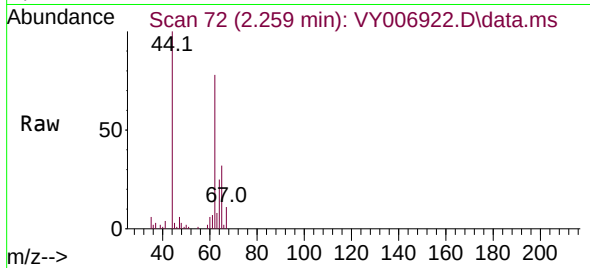




#5
 Vinyl chloride
 Concen: 2.138 ug/L
 RT: 2.259 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VY006922.D
 Acq: 03 Dec 2021 17:21

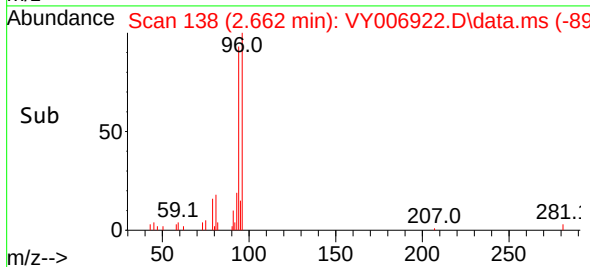
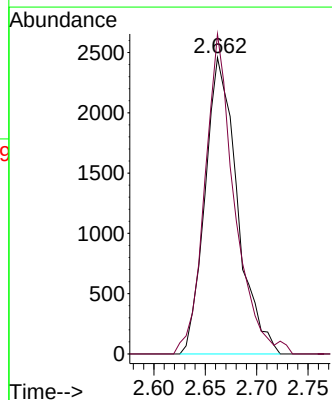
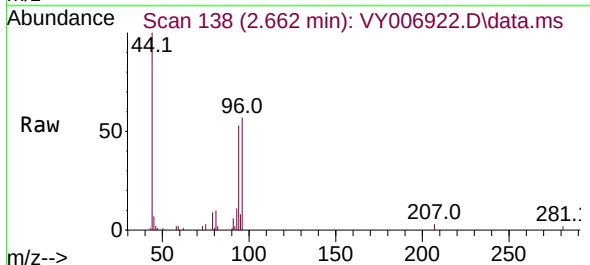
Instrument :
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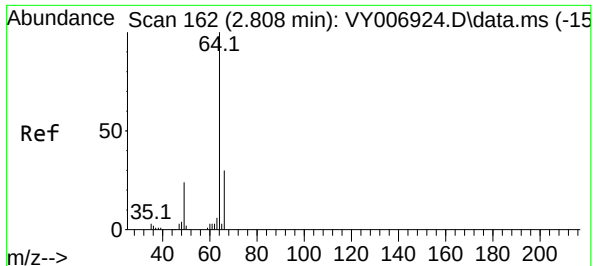
Tgt Ion: 62 Resp: 8500
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.4 41.6



#6
 Bromomethane
 Concen: 2.869 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VY006922.D
 Acq: 03 Dec 2021 17:21

Tgt Ion: 94 Resp: 5355
 Ion Ratio Lower Upper
 94 100
 96 108.0 66.5 123.5

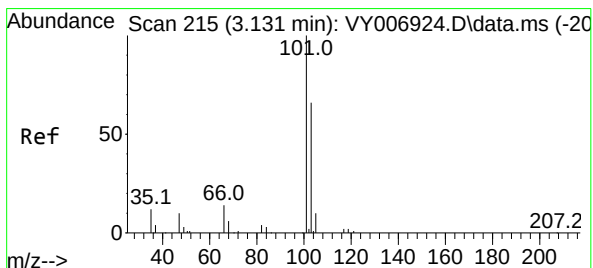
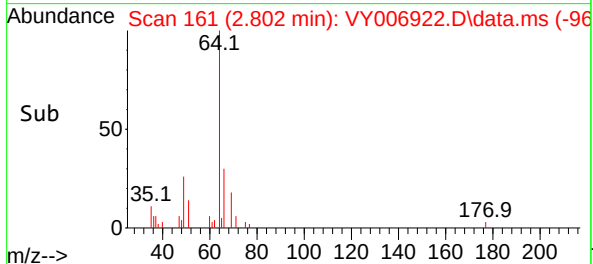
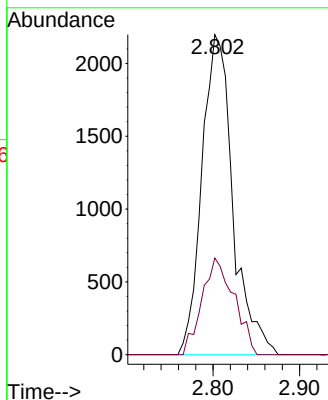
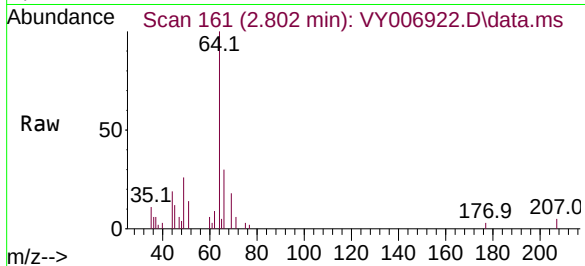




#8
Chloroethane
Concen: 2.425 ug/L
RT: 2.802 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

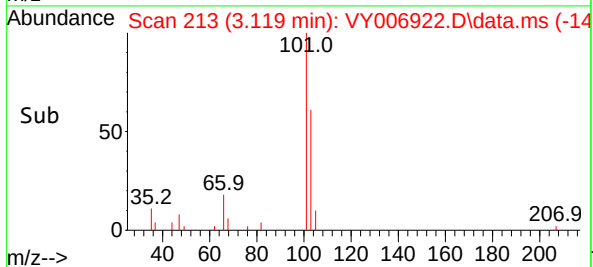
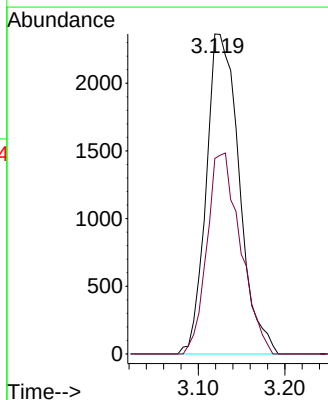
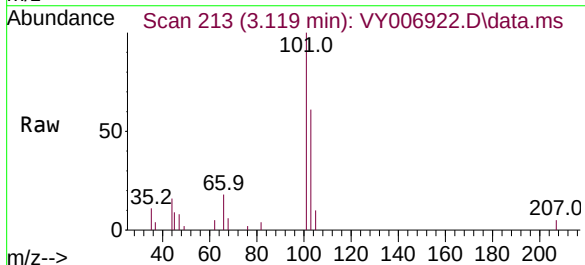
Instrument :
MSVOA_Y
ClientSampleId :
VSTD2.5801

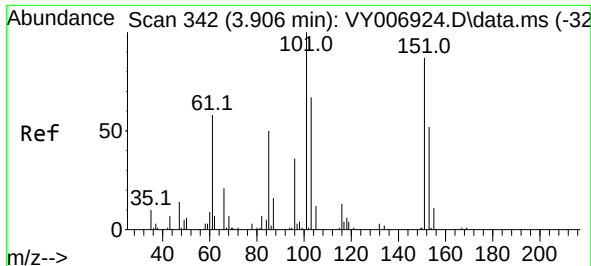
Tgt Ion: 64 Resp: 5454
Ion Ratio Lower Upper
64 100
66 30.2 21.1 39.3



#9
Trichlorofluoromethane
Concen: 1.365 ug/L
RT: 3.119 min Scan# 213
Delta R.T. -0.012 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

Tgt Ion: 101 Resp: 6243
Ion Ratio Lower Upper
101 100
103 64.0 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.333 ug/L

RT: 3.906 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY006922.D

Acq: 03 Dec 2021 17:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTD2.5801

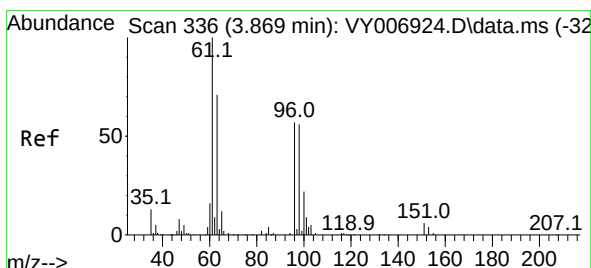
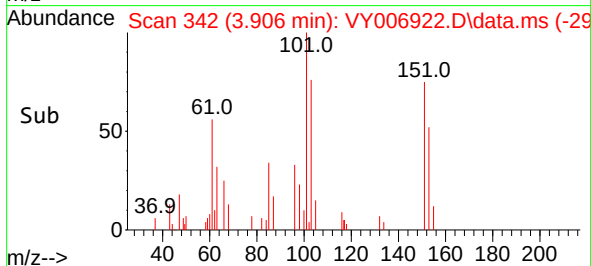
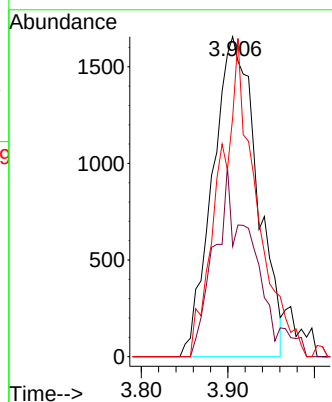
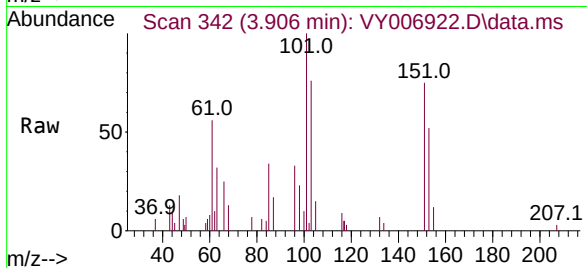
Tgt Ion:101 Resp: 5903

Ion Ratio Lower Upper

101 100

85 19.0 38.2 57.2#

151 55.0 64.2 96.4#



#12

1,1-Dichloroethene

Concen: 2.687 ug/L

RT: 3.875 min Scan# 337

Delta R.T. 0.006 min

Lab File: VY006922.D

Acq: 03 Dec 2021 17:21

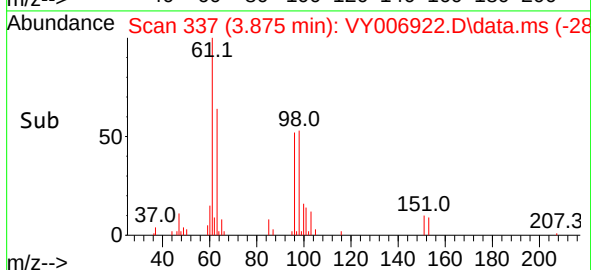
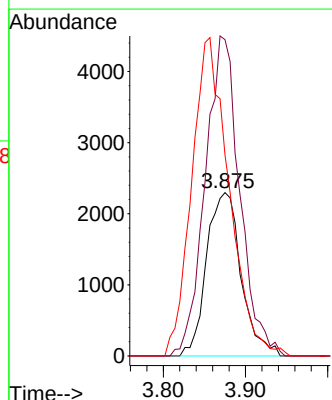
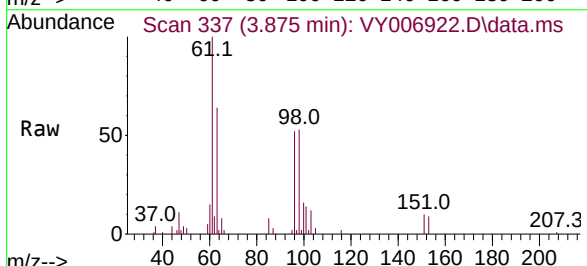
Tgt Ion: 96 Resp: 6686

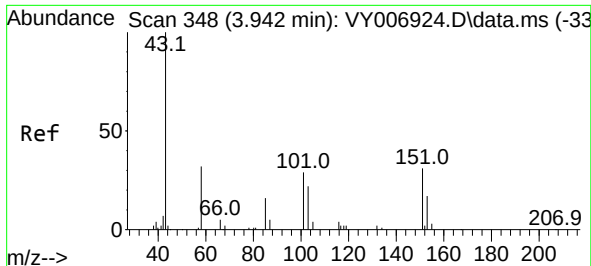
Ion Ratio Lower Upper

96 100

61 193.6 123.3 229.1

63 123.0 91.2 169.4





#13

Acetone

Concen: 5.914 ug/L

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY006922.D

Acq: 03 Dec 2021 17:21

Instrument :

MSVOA_Y

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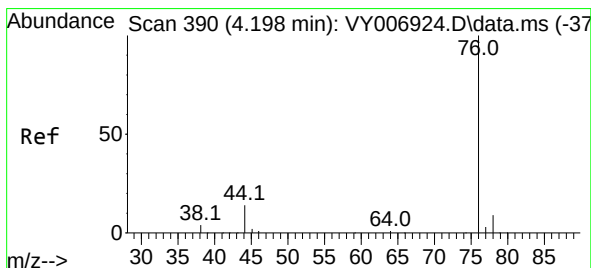
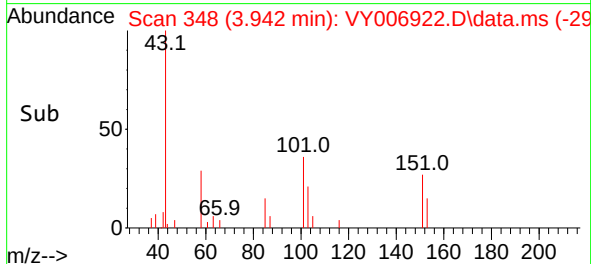
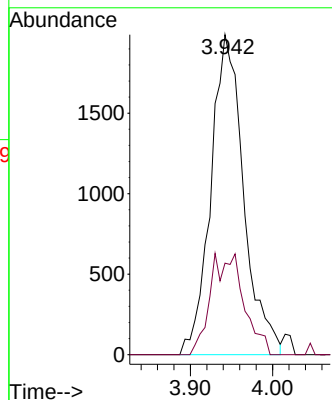
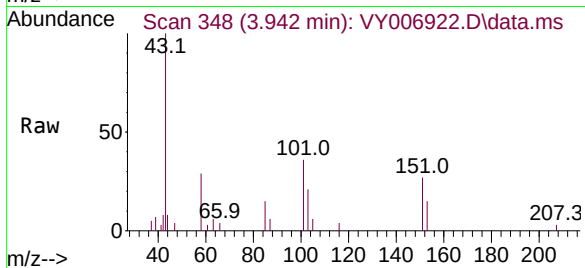
VSTD2.5801

Tgt Ion: 43 Resp: 5531

Ion Ratio Lower Upper

43 100

58 14.5 0.0 60.8



#14

Carbon disulfide

Concen: 2.535 ug/L

RT: 4.192 min Scan# 389

Delta R.T. -0.006 min

Lab File: VY006922.D

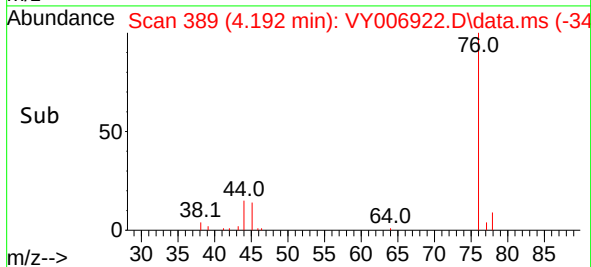
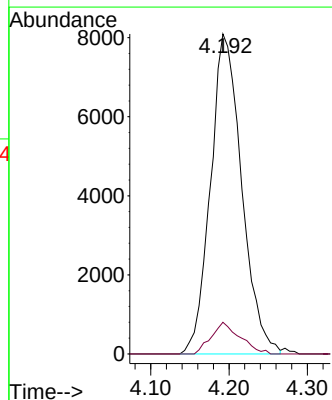
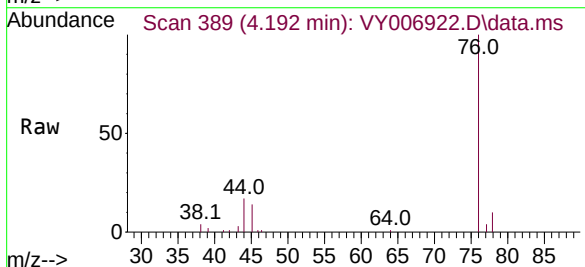
Acq: 03 Dec 2021 17:21

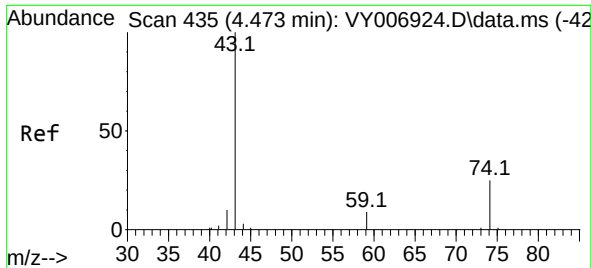
Tgt Ion: 76 Resp: 22410

Ion Ratio Lower Upper

76 100

78 9.9 7.0 10.4

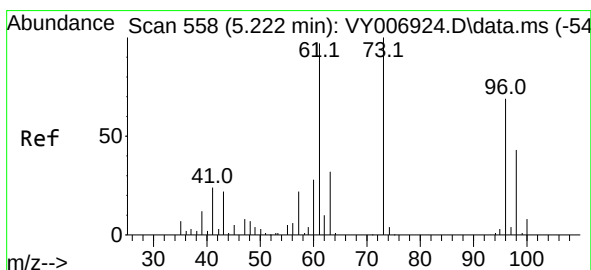
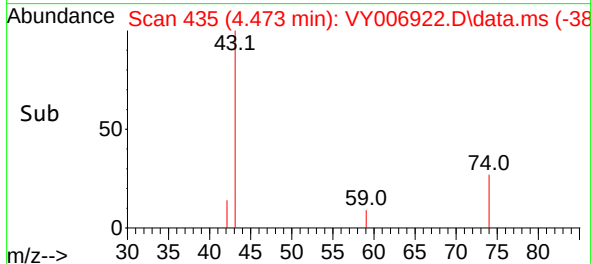
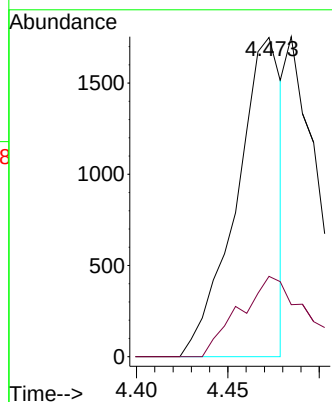
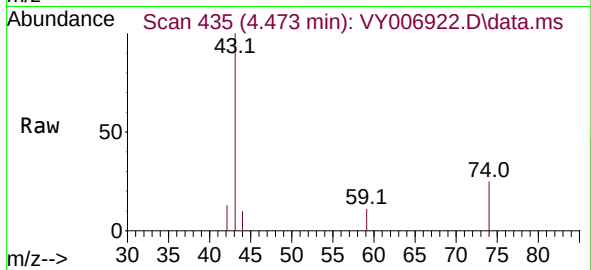




#15
Methyl Acetate
Concen: 1.888 ug/L
RT: 4.473 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

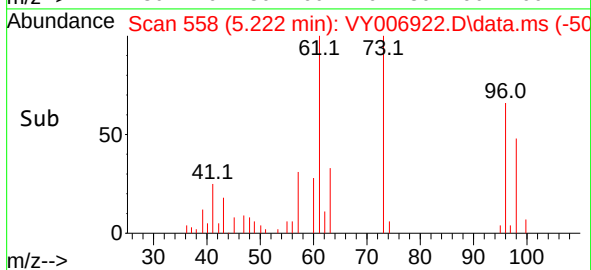
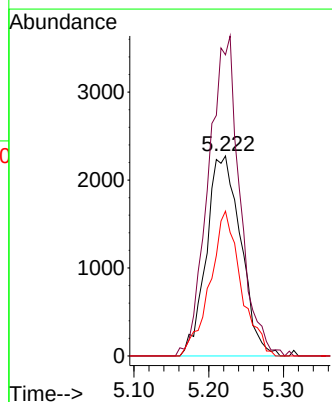
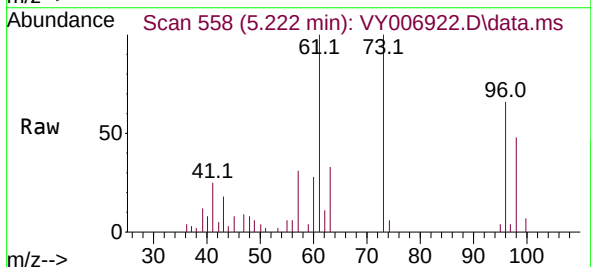
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ClientSampleId :
VSTD2.5801

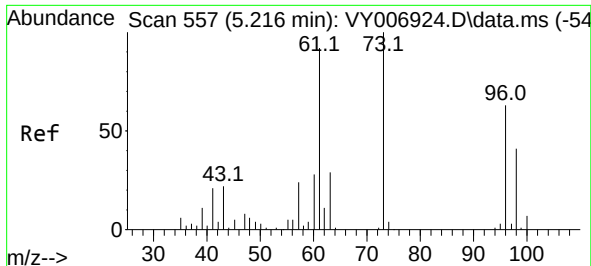
Tgt Ion: 43 Resp: 3019
Ion Ratio Lower Upper
43 100
74 36.2 17.4 26.2#



#17
trans-1,2-Dichloroethene
Concen: 2.723 ug/L
RT: 5.222 min Scan# 558
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

Tgt Ion: 96 Resp: 7275
Ion Ratio Lower Upper
96 100
61 150.6 98.5 182.9
98 72.5 43.7 81.1

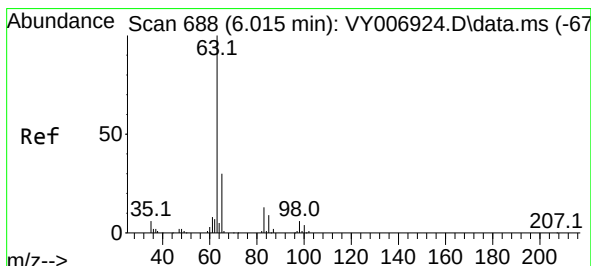
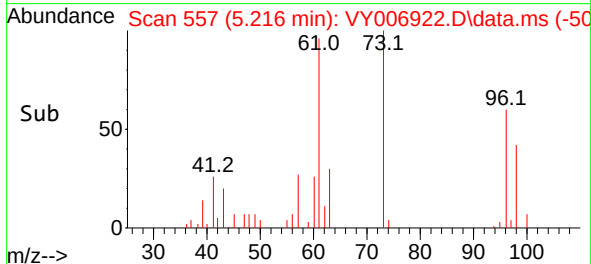
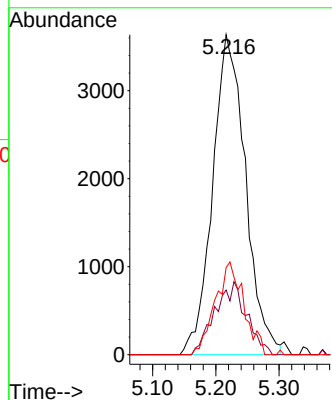
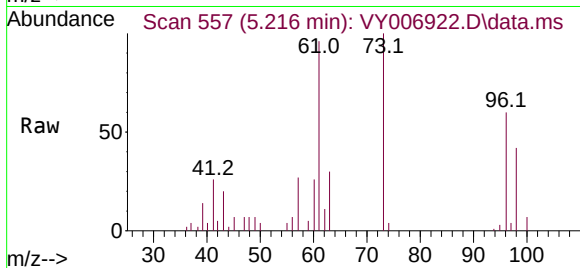




#18
Methyl tert-butyl Ether
Concen: 2.009 ug/L
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

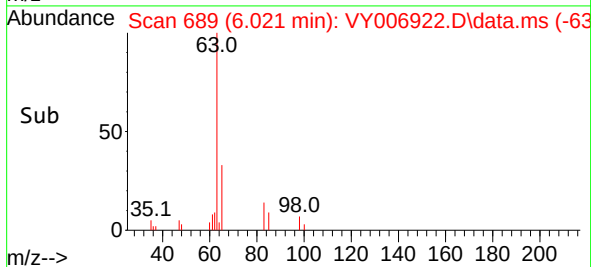
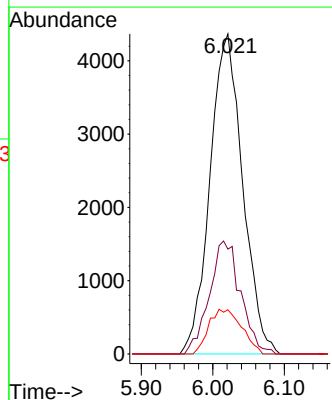
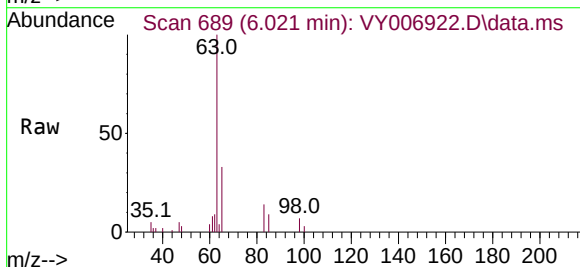
Instrument :
MSVOA_Y
ClientSampleId :
VSTD2.5801

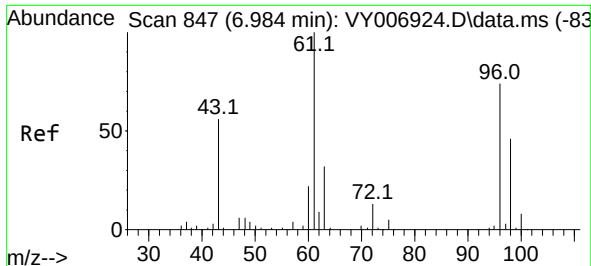
Tgt Ion:	73	Resp:	13124
Ion	Ratio	Lower	Upper
73	100		
43	11.5	16.9	25.3#
57	18.9	18.1	27.1



#19
1,1-Dichloroethane
Concen: 2.838 ug/L
RT: 6.021 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

Tgt Ion:	63	Resp:	13877
Ion	Ratio	Lower	Upper
63	100		
65	32.7	21.0	39.0
83	13.8	9.2	17.2



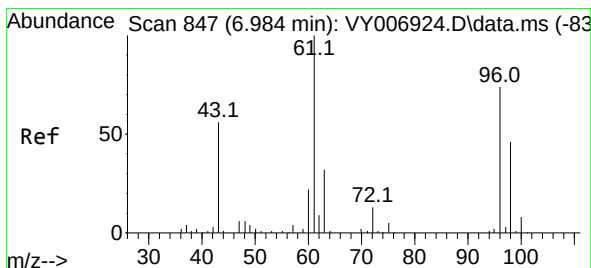
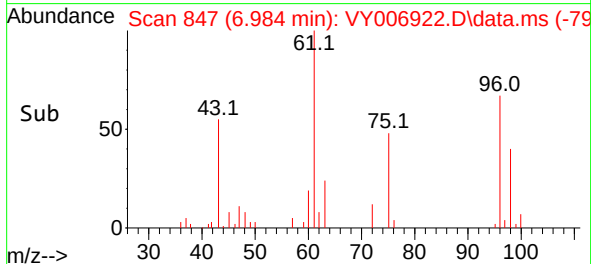
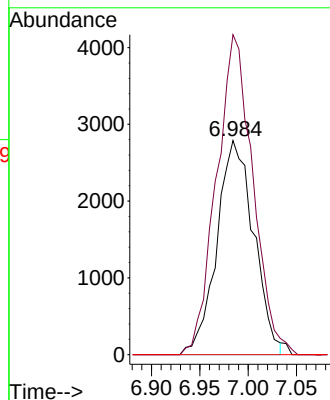
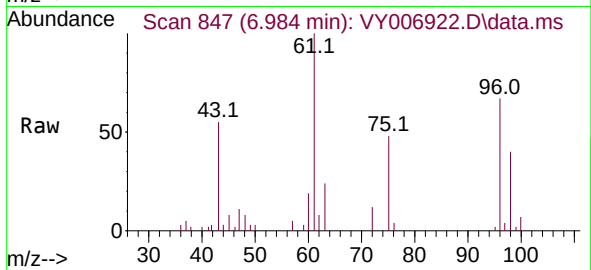


#20
 cis-1,2-Dichloroethene
 Concen: 2.631 ug/L
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY006922.D
 Acq: 03 Dec 2021 17:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD2.5801

Tgt Ion: 96 Resp: 7402

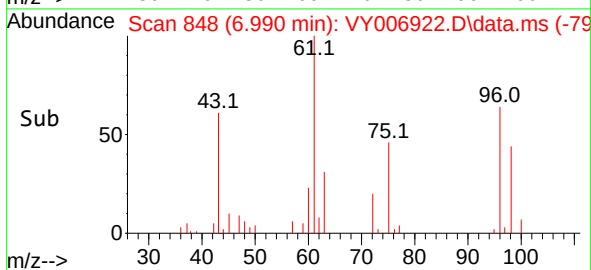
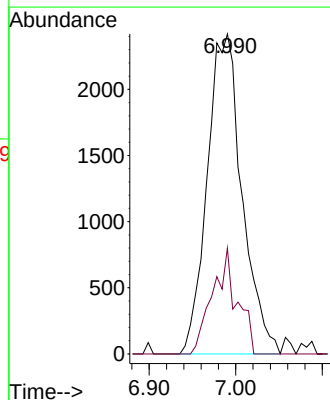
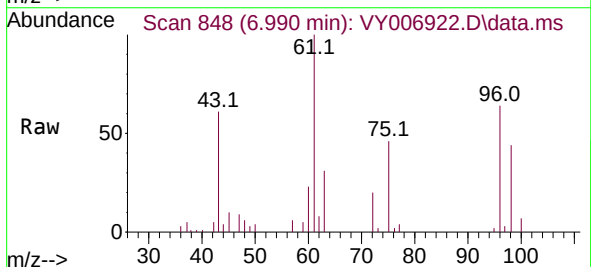
Ion	Ratio	Lower	Upper
96	100		
61	149.4	94.2	175.0
68	0.0	0.0	0.0

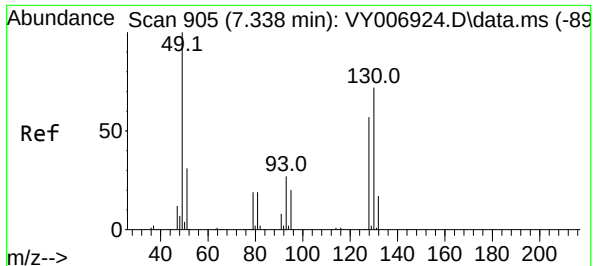


#22
 2-Butanone
 Concen: 5.957 ug/L
 RT: 6.990 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY006922.D
 Acq: 03 Dec 2021 17:21

Tgt Ion: 43 Resp: 6750

Ion	Ratio	Lower	Upper
43	100		
72	17.6	12.9	38.6

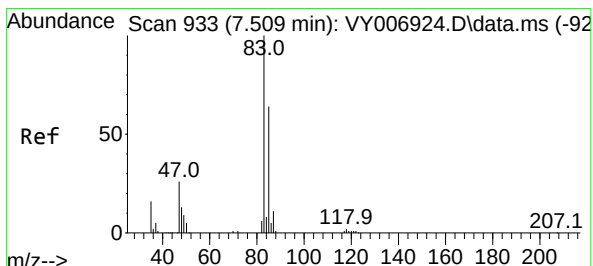
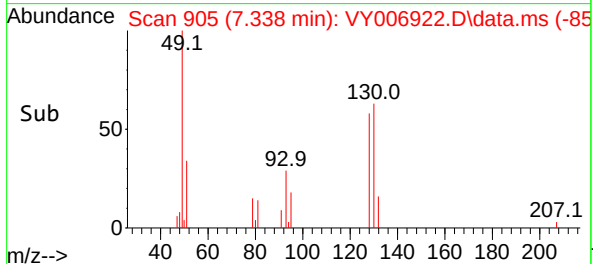
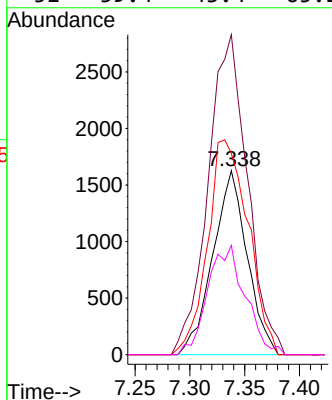
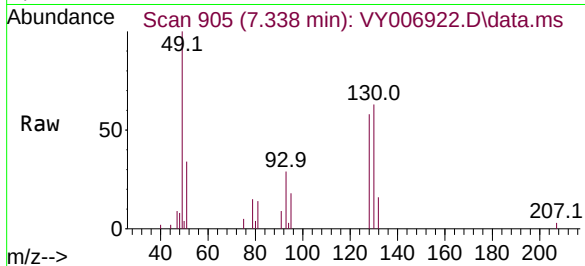




#23
Bromochloromethane
Concen: 2.764 ug/L
RT: 7.338 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

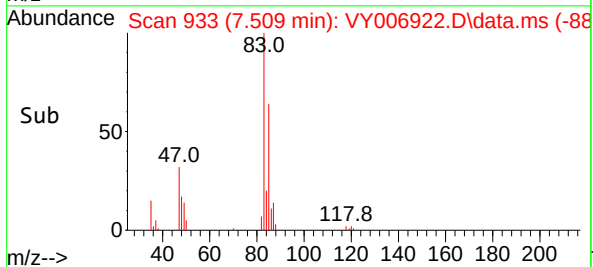
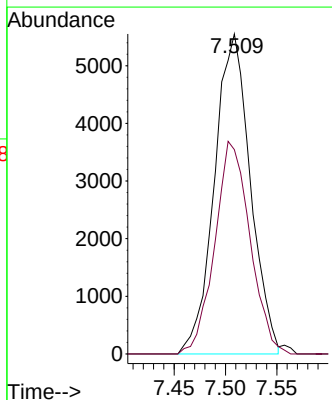
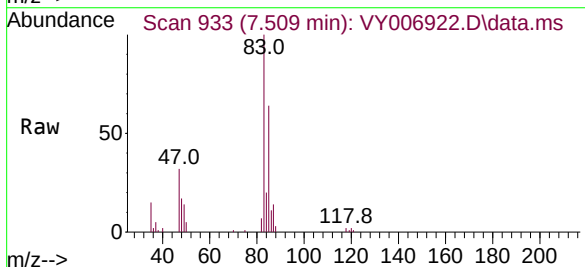
Instrument :
MSVOA_Y
ClientSampleId :
VSTD2.5801

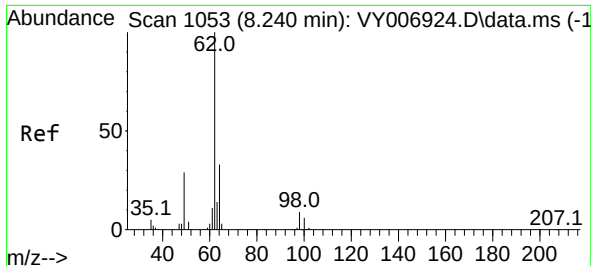
Tgt Ion:	128	Resp:	3552
Ion	Ratio	Lower	Upper
128	100		
49	173.9	123.5	229.3
130	109.3	88.5	164.4
51	59.4	43.4	65.2



#25
Chloroform
Concen: 2.561 ug/L
RT: 7.509 min Scan# 933
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

Tgt Ion:	83	Resp:	13490
Ion	Ratio	Lower	Upper
83	100		
85	63.9	45.4	84.2





#27

1,2-Dichloroethane

Concen: 2.541 ug/L

RT: 8.234 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY006922.D

Acq: 03 Dec 2021 17:21

Instrument :

MSVOA_Y

ClientSampleId :

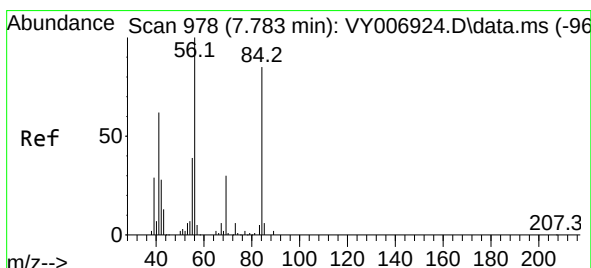
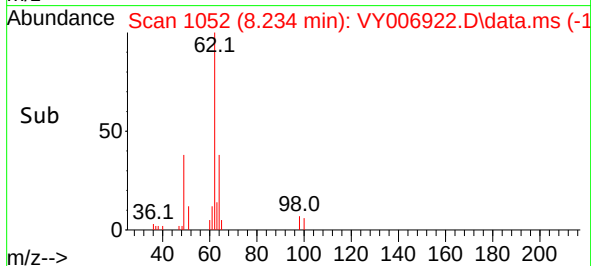
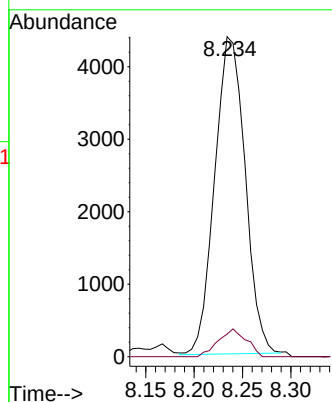
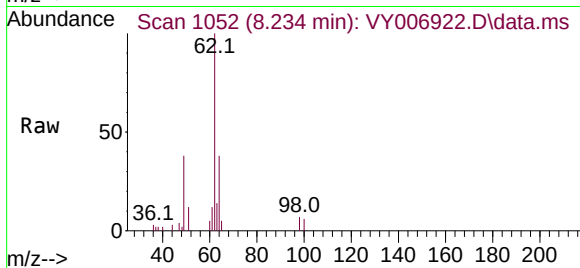
VSTD2.5801

Tgt Ion: 62 Resp: 9565

Ion Ratio Lower Upper

62 100

98 7.0 6.9 10.3



#29

Cyclohexane

Concen: 2.800 ug/L

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY006922.D

Acq: 03 Dec 2021 17:21

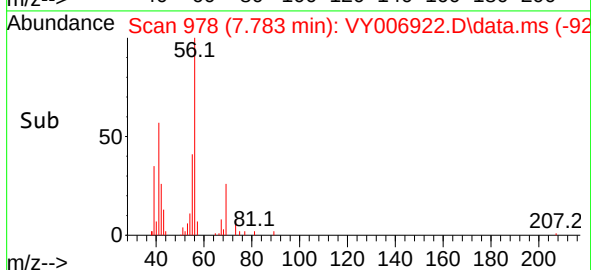
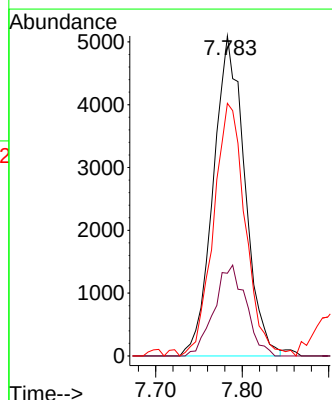
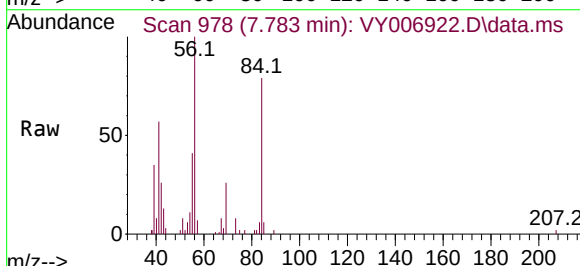
Tgt Ion: 56 Resp: 12837

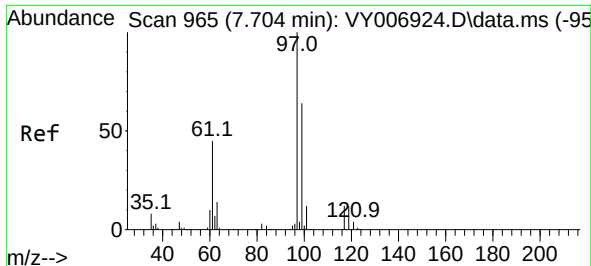
Ion Ratio Lower Upper

56 100

69 28.7 24.1 36.1

84 79.8 67.8 101.6





#30

1,1,1-Trichloroethane

Concen: 2.558 ug/L

RT: 7.698 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY006922.D

Acq: 03 Dec 2021 17:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTD2.5801

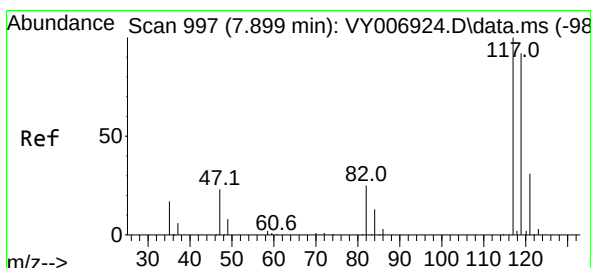
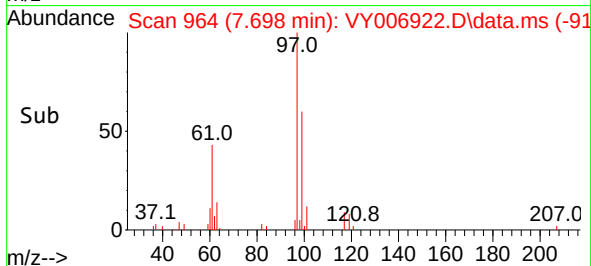
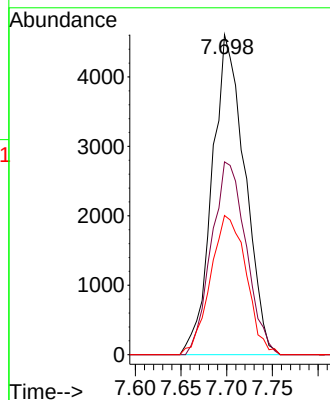
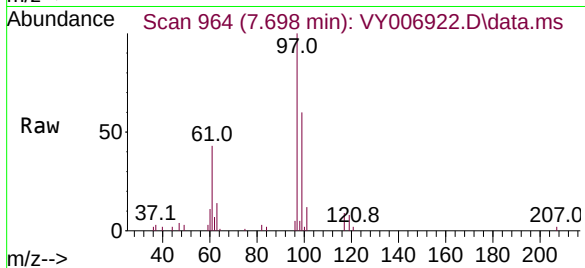
Tgt Ion: 97 Resp: 11476

Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.2

61 47.5 35.7 53.5



#31

Carbon tetrachloride

Concen: 2.653 ug/L

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY006922.D

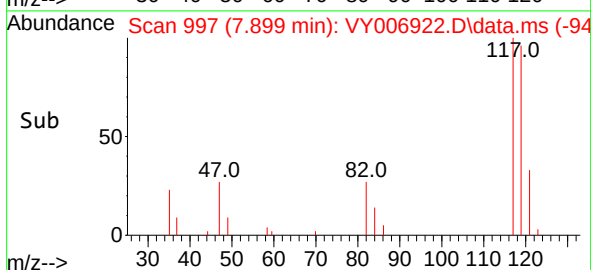
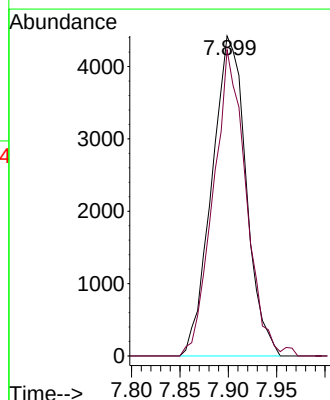
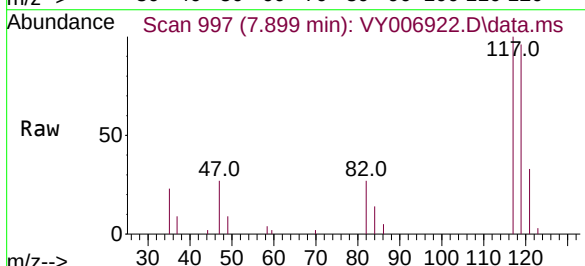
Acq: 03 Dec 2021 17:21

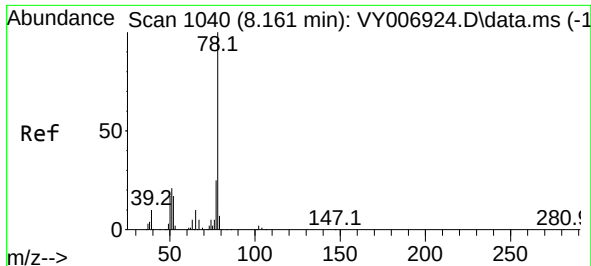
Tgt Ion: 117 Resp: 10910

Ion Ratio Lower Upper

117 100

119 90.5 76.4 114.6

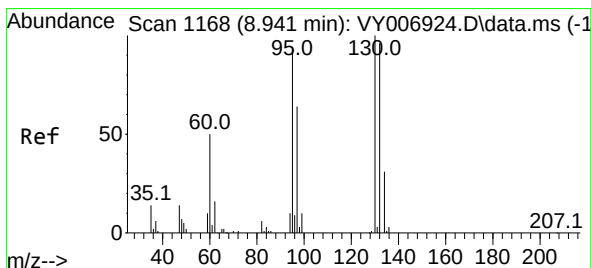
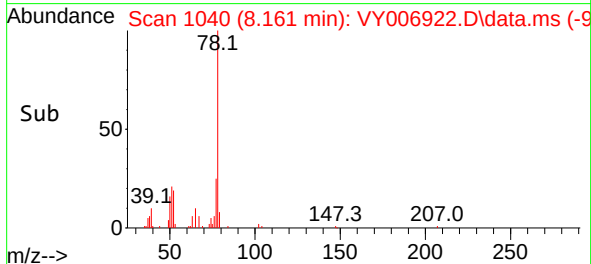
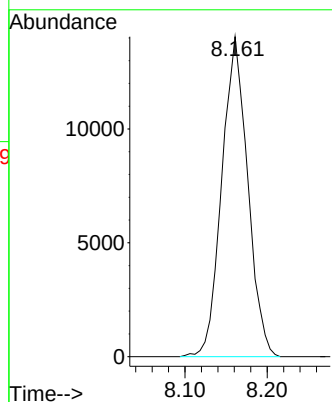
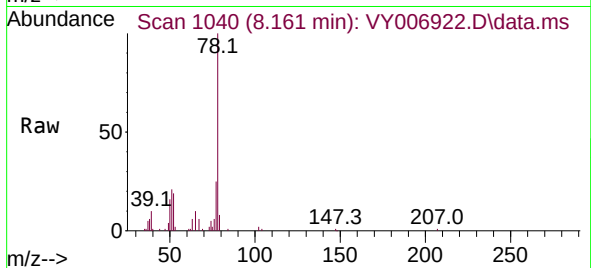




#33
Benzene
Concen: 2.798 ug/L
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTD2.5801

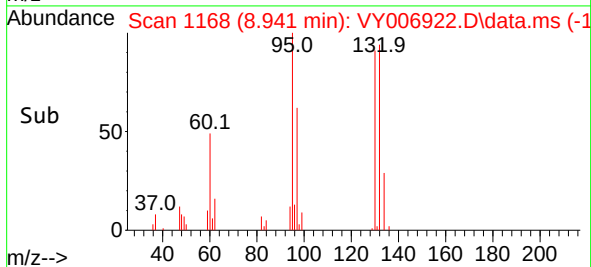
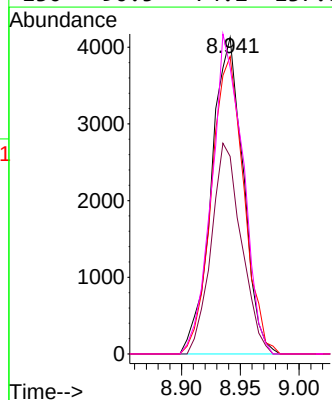
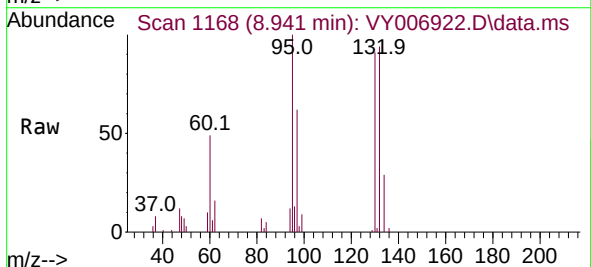
Tgt Ion: 78 Resp: 30766

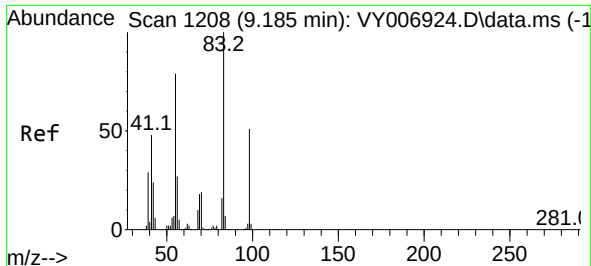


#34
Trichloroethene
Concen: 2.796 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

Tgt Ion: 95 Resp: 7745

Ion	Ratio	Lower	Upper
95	100		
97	62.5	47.3	87.8
132	93.9	71.3	132.5
130	90.5	74.2	137.8





#35

Methylcyclohexane

Concen: 2.733 ug/L

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006922.D

Acq: 03 Dec 2021 17:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTD2.5801

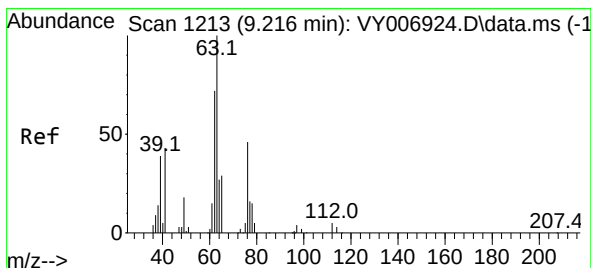
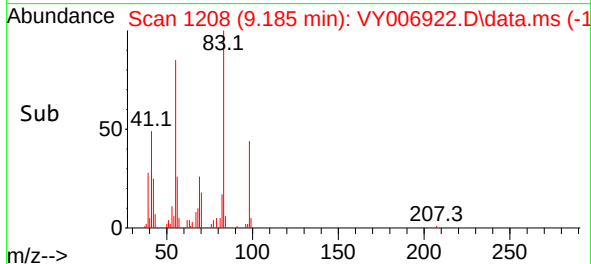
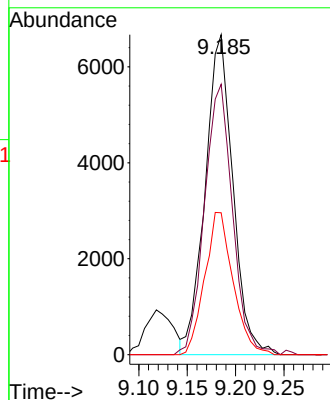
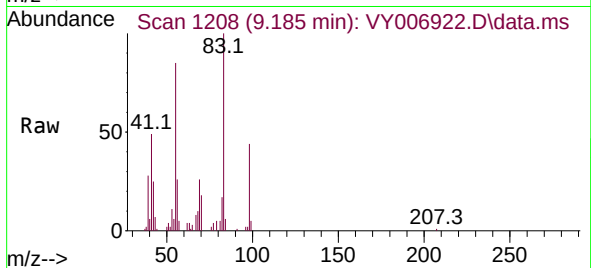
Tgt Ion: 83 Resp: 13320

Ion Ratio Lower Upper

83 100

55 85.0 62.6 94.0

98 45.5 39.1 58.7



#37

1,2-Dichloropropane

Concen: 3.109 ug/L

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY006922.D

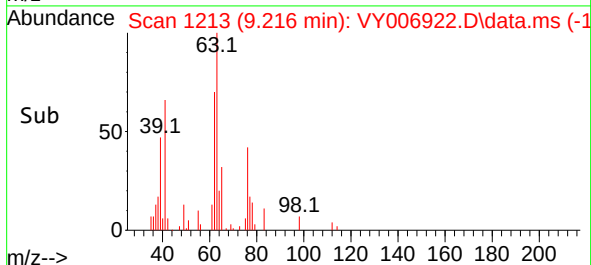
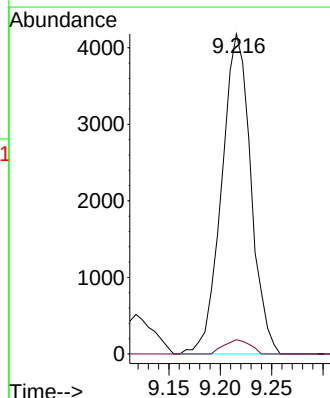
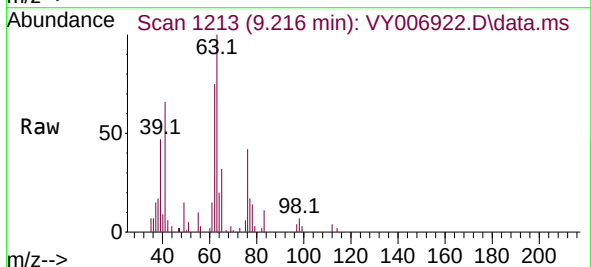
Acq: 03 Dec 2021 17:21

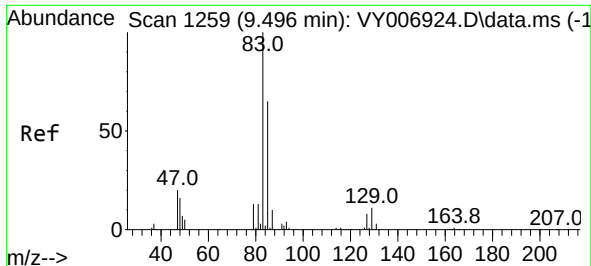
Tgt Ion: 63 Resp: 8266

Ion Ratio Lower Upper

63 100

112 3.9 3.4 5.2

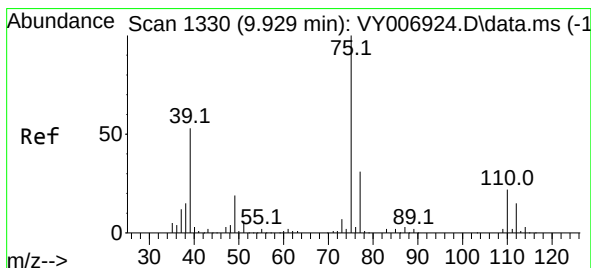
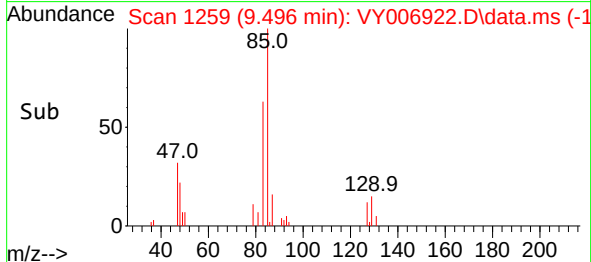
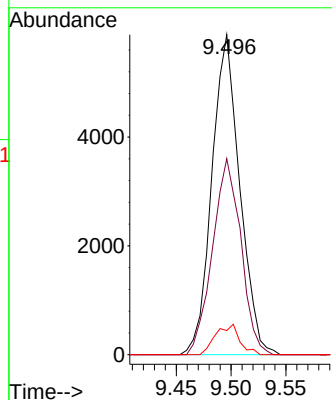
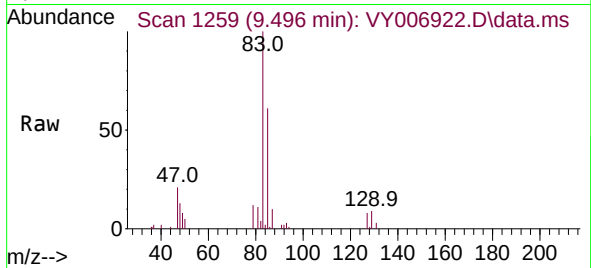




#38
Bromodichloromethane
Concen: 2.873 ug/L
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

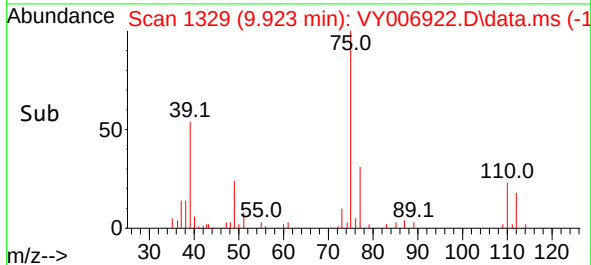
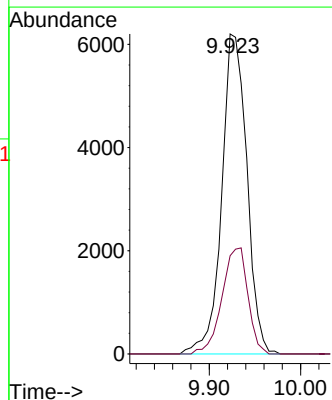
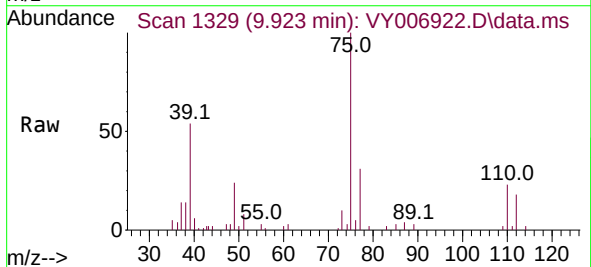
Instrument :
MSVOA_Y
ClientSampleId :
VSTD2.5801

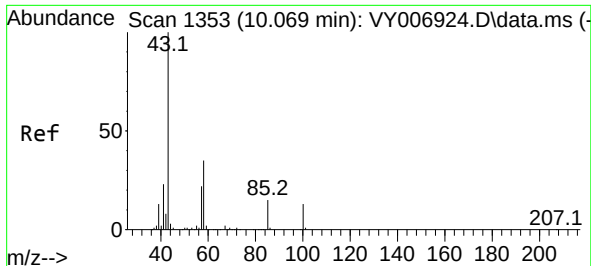
Tgt Ion: 83 Resp: 10407
Ion Ratio Lower Upper
83 100
85 61.2 45.4 84.2
127 7.6 6.3 9.5



#39
cis-1,3-Dichloropropene
Concen: 2.819 ug/L
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

Tgt Ion: 75 Resp: 11865
Ion Ratio Lower Upper
75 100
77 30.7 21.8 40.6





#40

4-Methyl-2-pentanone

Concen: 6.181 ug/L

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY006922.D

Acq: 03 Dec 2021 17:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTD2.5801

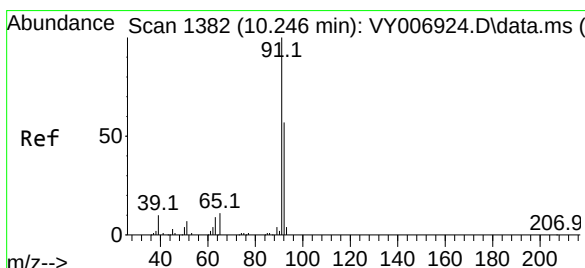
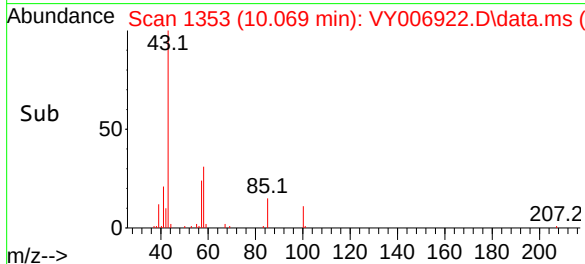
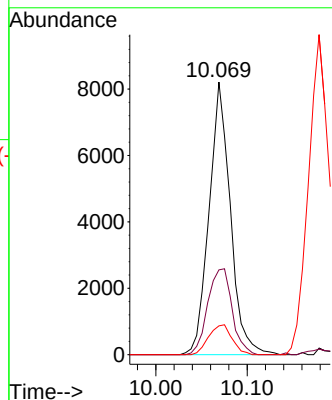
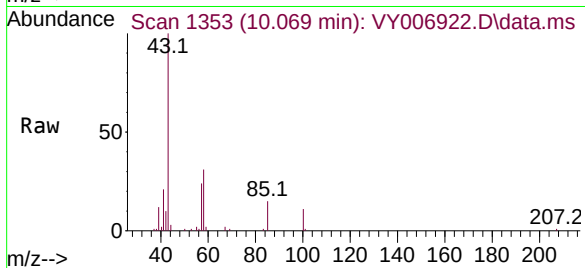
Tgt Ion: 43 Resp: 13292

Ion Ratio Lower Upper

43 100

58 35.9 28.6 43.0

100 12.0 11.1 16.7



#42

Toluene

Concen: 2.627 ug/L

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY006922.D

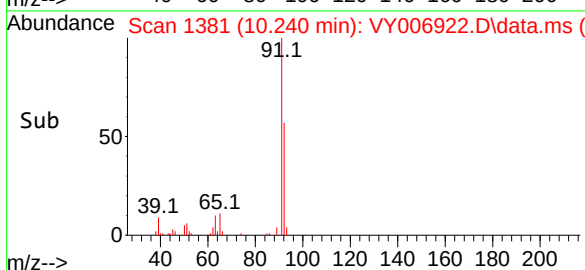
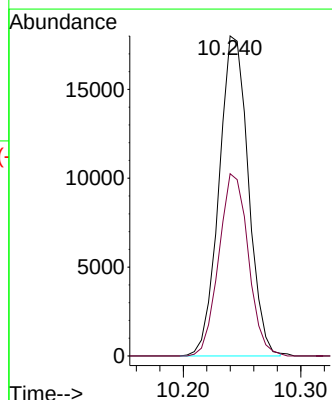
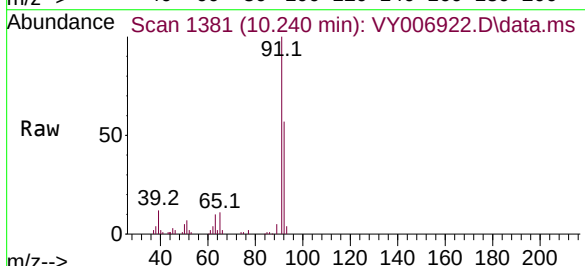
Acq: 03 Dec 2021 17:21

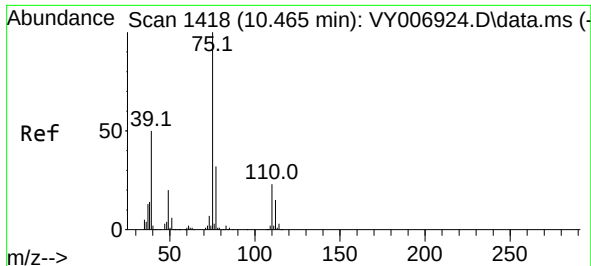
Tgt Ion: 91 Resp: 31233

Ion Ratio Lower Upper

91 100

92 57.0 39.8 74.0

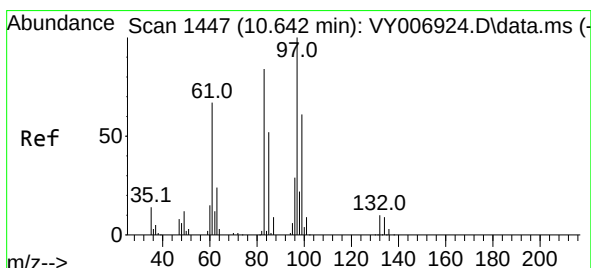
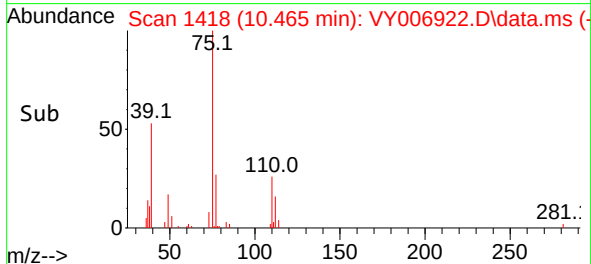
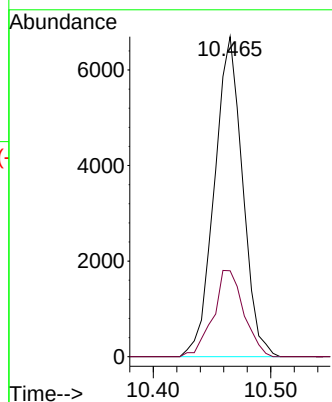
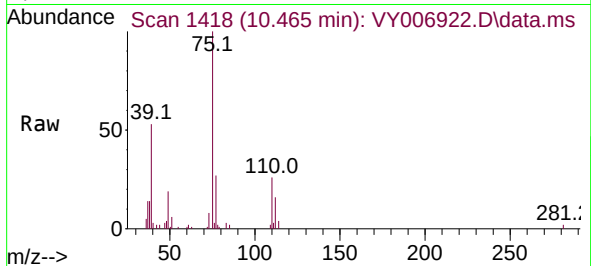




#44
trans-1,3-Dichloropropene
Concen: 2.807 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

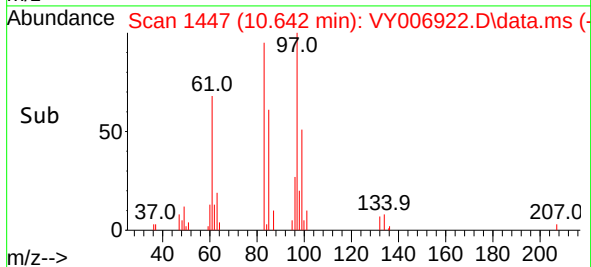
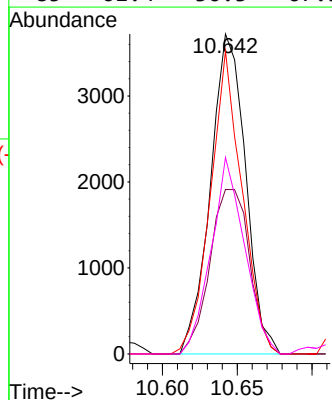
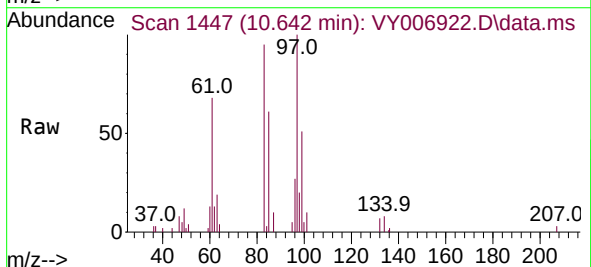
Instrument :
MSVOA_Y
ClientSampleId :
VSTD2.5801

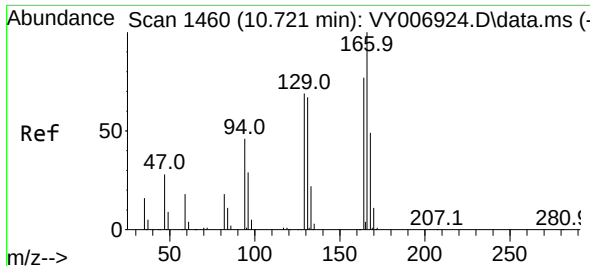
Tgt Ion: 75 Resp: 11167
Ion Ratio Lower Upper
75 100
77 26.9 22.6 42.0



#45
1,1,2-Trichloroethane
Concen: 3.089 ug/L
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

Tgt Ion: 97 Resp: 6067
Ion Ratio Lower Upper
97 100
99 51.4 43.0 79.8
83 94.7 58.9 109.3
85 61.4 36.3 67.3



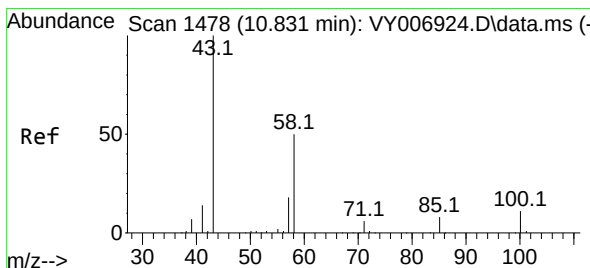
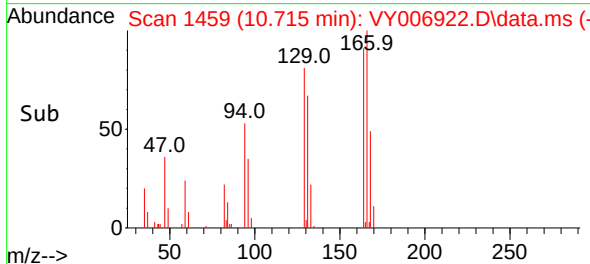
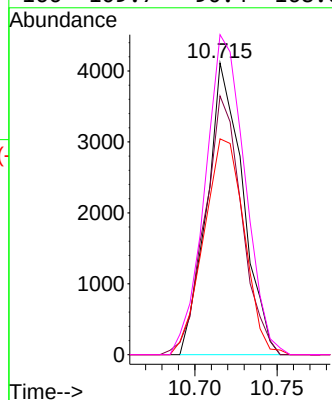
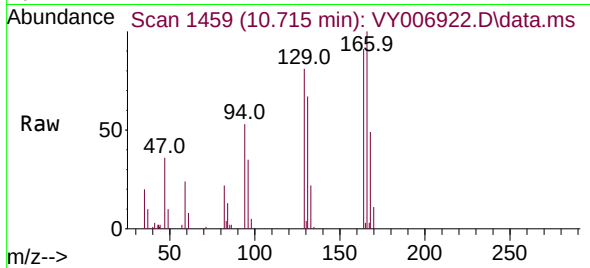


#46
Tetrachloroethene
Concen: 2.687 ug/L
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTD2.5801

Tgt Ion:164 Resp: 6231

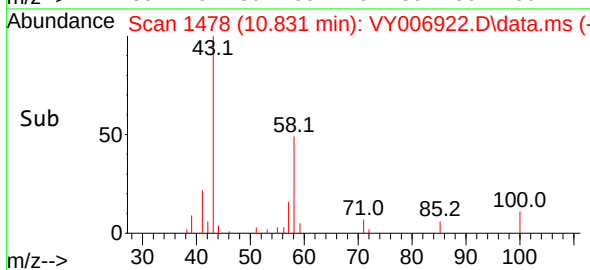
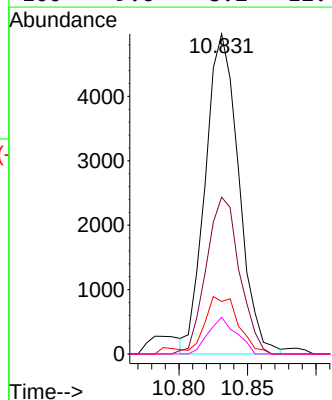
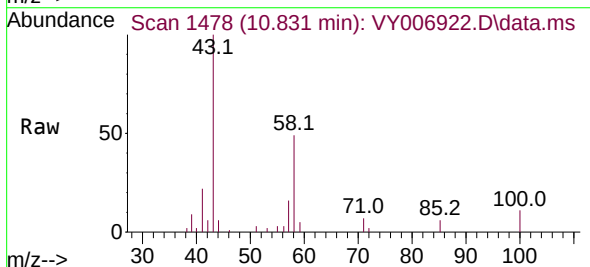
Ion	Ratio	Lower	Upper
164	100		
129	88.7	62.1	115.3
131	74.0	61.0	113.2
166	109.7	90.4	168.0

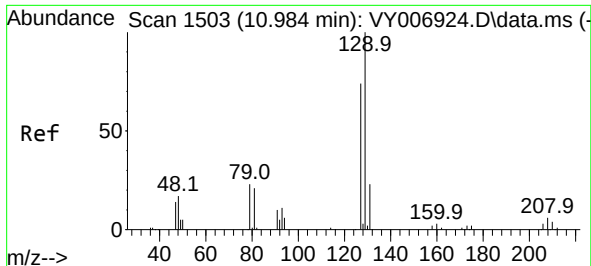


#48
2-Hexanone
Concen: 5.248 ug/L
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

Tgt Ion: 43 Resp: 8425

Ion	Ratio	Lower	Upper
43	100		
58	48.7	39.9	59.9
57	17.7	14.2	21.4
100	9.6	8.2	12.4





#49

Dibromochloromethane

Concen: 2.869 ug/L

RT: 10.984 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY006922.D

Acq: 03 Dec 2021 17:21

Instrument :

MSVOA_Y

ClientSampleId :

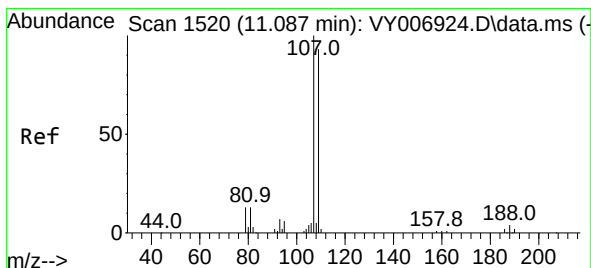
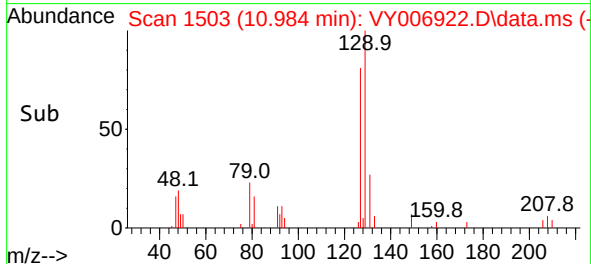
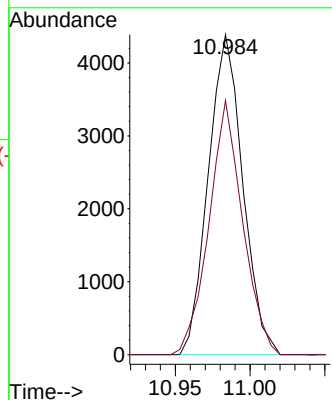
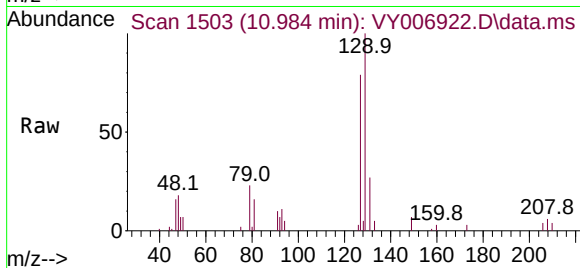
VSTD2.5801

Tgt Ion:129 Resp: 7034

Ion Ratio Lower Upper

129 100

127 79.4 52.1 96.9



#50

1,2-Dibromoethane

Concen: 2.953 ug/L

RT: 11.087 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VY006922.D

Acq: 03 Dec 2021 17:21

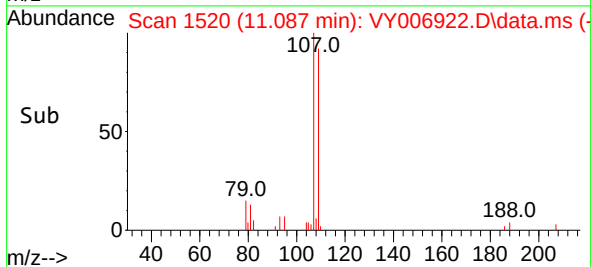
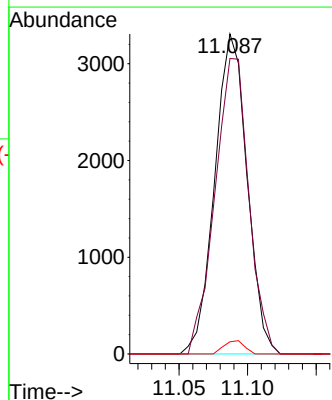
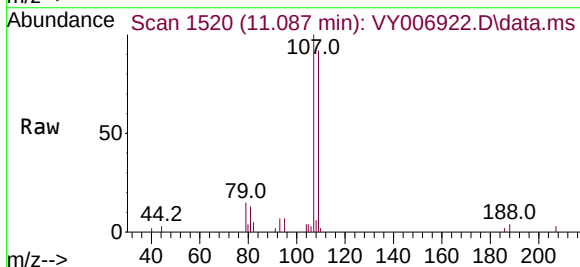
Tgt Ion:107 Resp: 5428

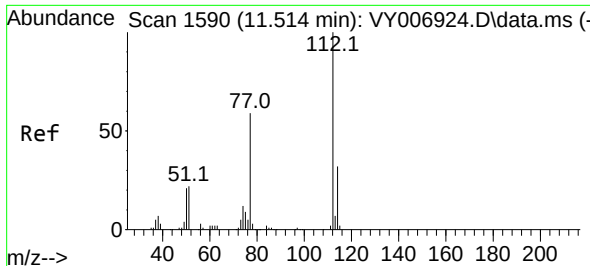
Ion Ratio Lower Upper

107 100

109 92.4 65.2 121.0

188 3.8 3.1 4.7

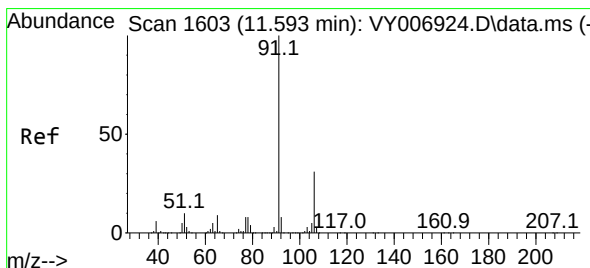
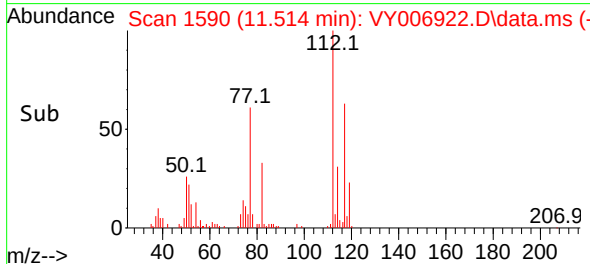
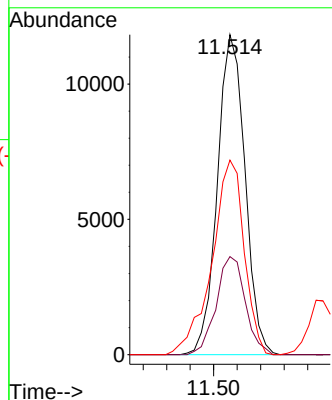
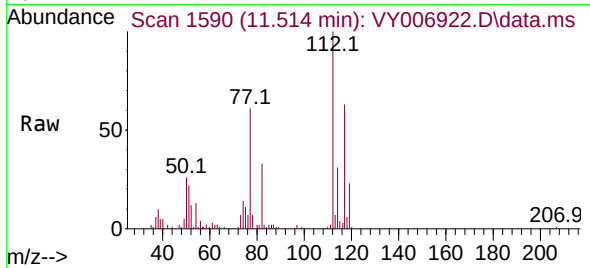




#51
Chlorobenzene
Concen: 2.671 ug/L
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

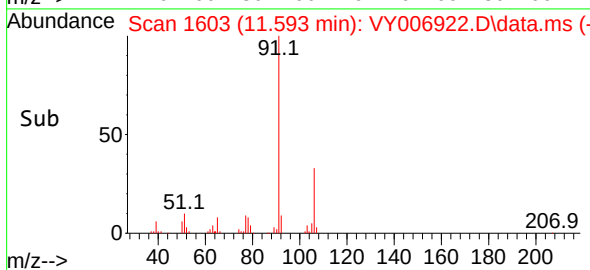
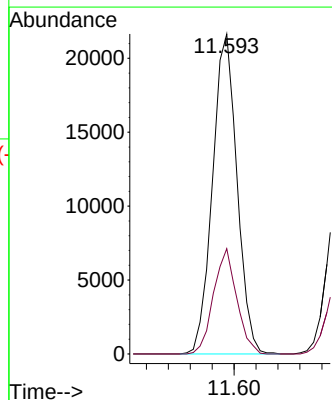
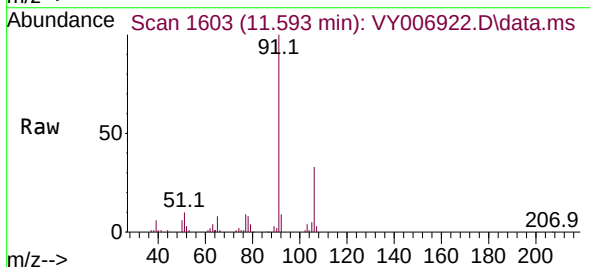
Instrument :
MSVOA_Y
ClientSampleId :
VSTD2.5801

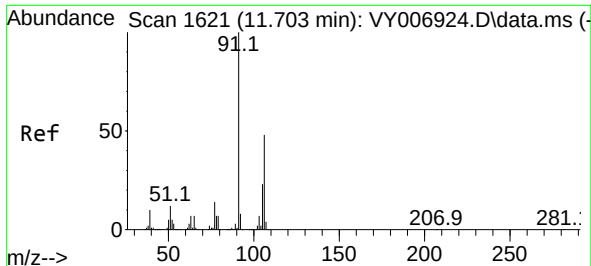
Tgt Ion:112 Resp: 19313
Ion Ratio Lower Upper
112 100
114 30.7 22.2 41.2
77 60.8 47.6 71.4



#52
Ethylbenzene
Concen: 2.642 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

Tgt Ion: 91 Resp: 33612
Ion Ratio Lower Upper
91 100
106 32.9 21.4 39.8

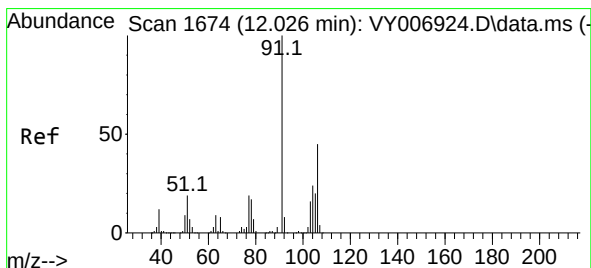
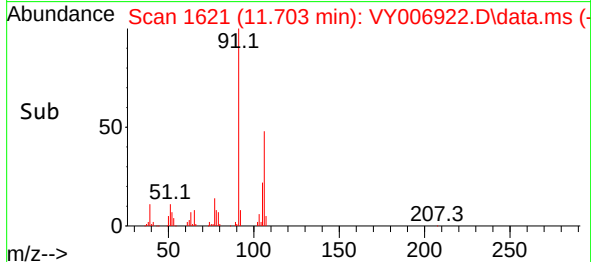
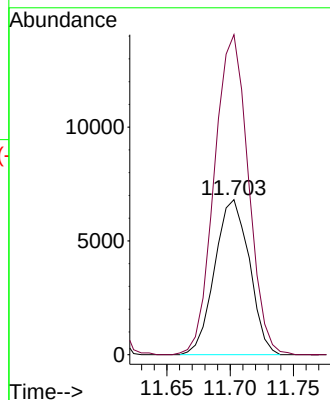
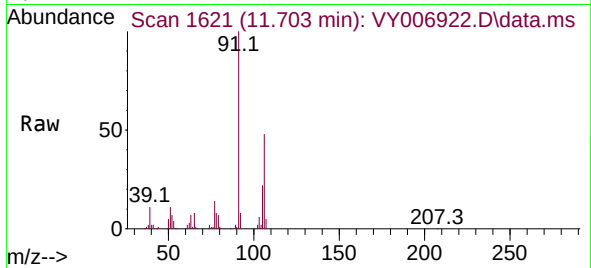




#53
m,p-Xylene
Concen: 2.682 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

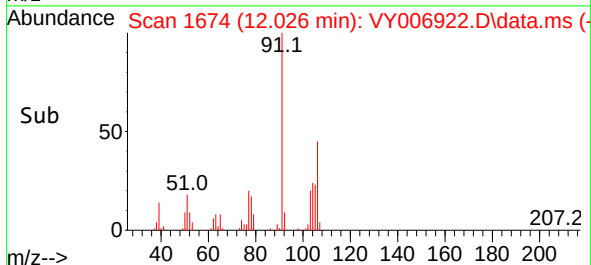
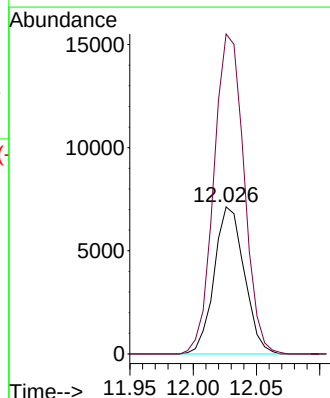
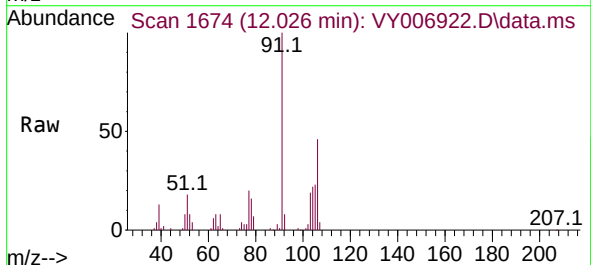
Instrument :
MSVOA_Y
ClientSampleId :
VSTD2.5801

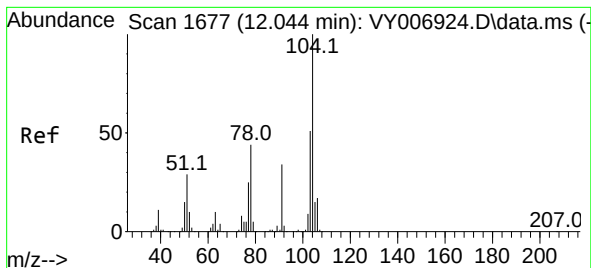
Tgt Ion:106 Resp: 12987
Ion Ratio Lower Upper
106 100
91 206.5 144.7 268.7



#54
o-Xylene
Concen: 2.547 ug/L
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

Tgt Ion:106 Resp: 11805
Ion Ratio Lower Upper
106 100
91 217.5 155.5 288.7





#55

Styrene

Concen: 2.397 ug/L

RT: 12.044 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006922.D

Acq: 03 Dec 2021 17:21

Instrument :

MSVOA_Y

ClientSampleId :

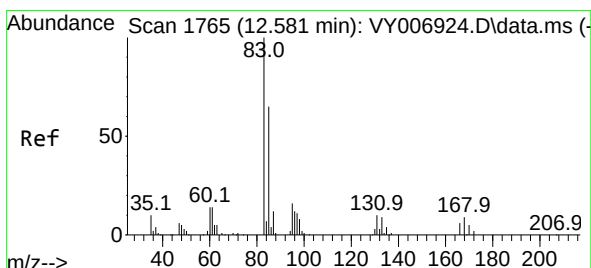
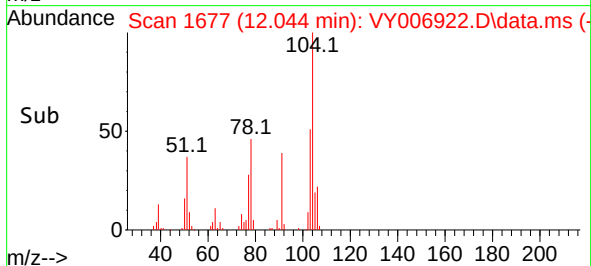
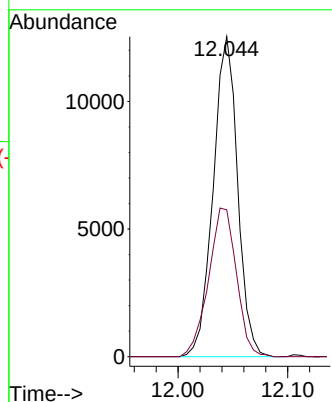
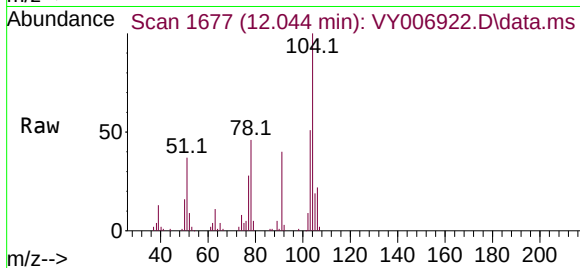
VSTD2.5801

Tgt Ion:104 Resp: 19432

Ion Ratio Lower Upper

104 100

78 45.9 30.8 57.2



#57

1,1,2,2-Tetrachloroethane

Concen: 2.978 ug/L

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY006922.D

Acq: 03 Dec 2021 17:21

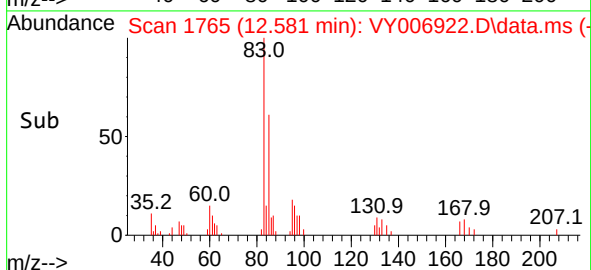
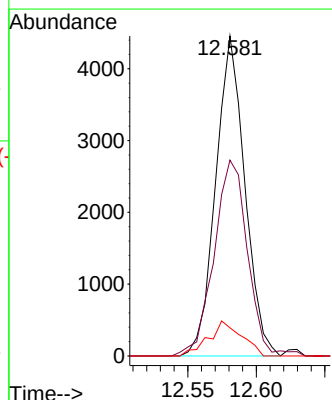
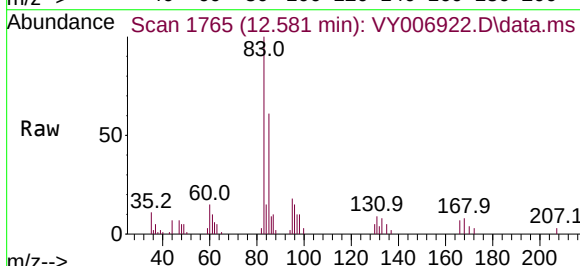
Tgt Ion: 83 Resp: 6588

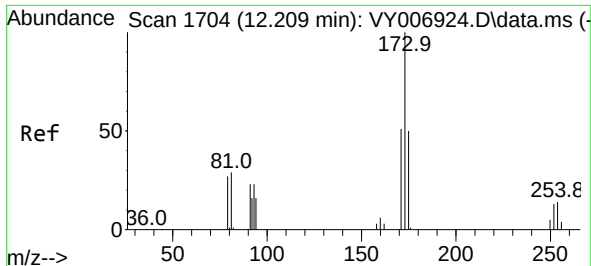
Ion Ratio Lower Upper

83 100

85 61.2 45.4 84.2

131 8.8 7.8 11.8

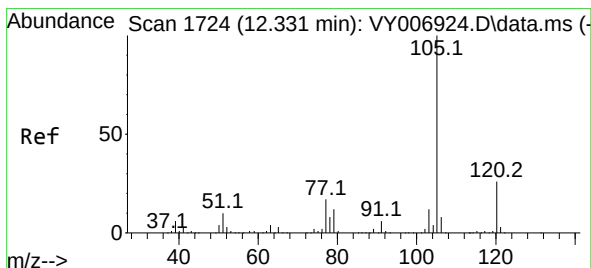
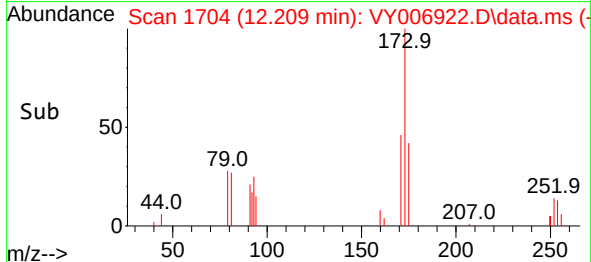
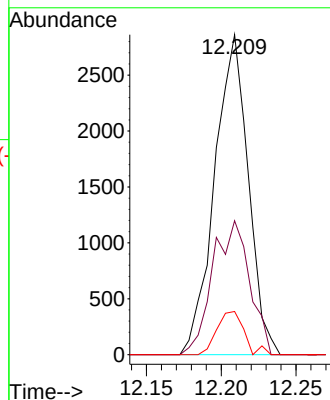
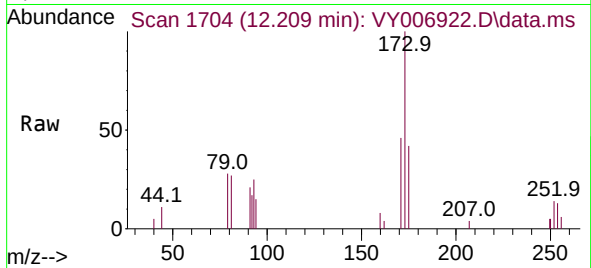




#59
Bromoform
Concen: 2.927 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

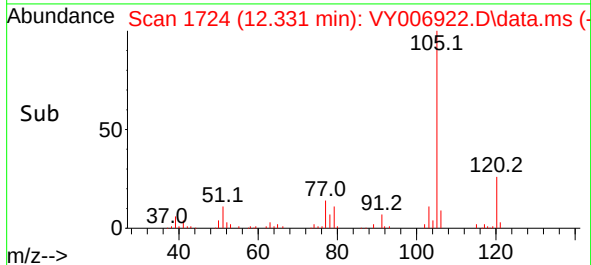
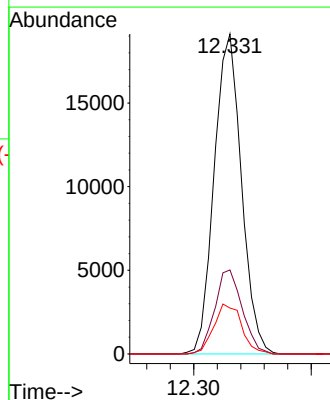
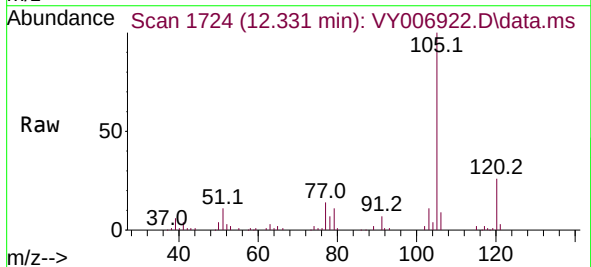
Instrument :
MSVOA_Y
ClientSampleId :
VSTD2.5801

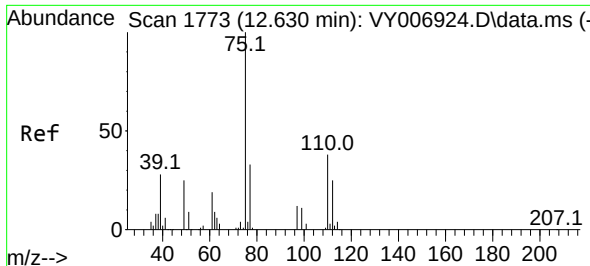
Tgt Ion:173 Resp: 4473
Ion Ratio Lower Upper
173 100
175 46.1 38.6 58.0
254 10.3 10.3 15.5#



#60
Isopropylbenzene
Concen: 2.581 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

Tgt Ion:105 Resp: 30802
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 16.0 13.2 19.8

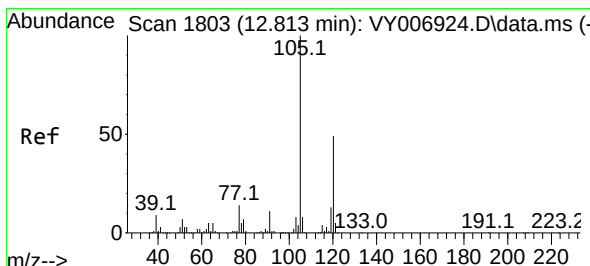
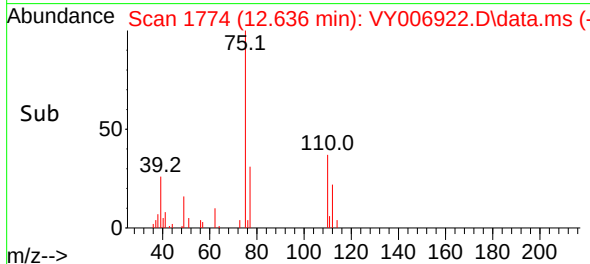
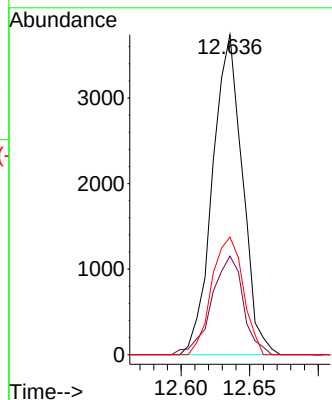
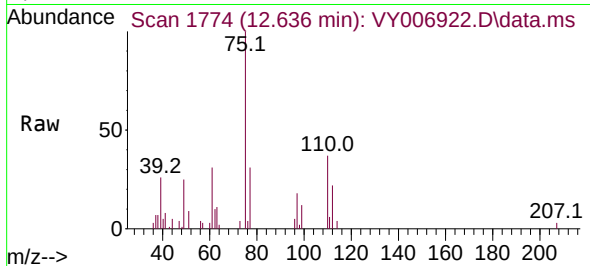




#61
1,2,3-Trichloropropane
Concen: 3.199 ug/L
RT: 12.636 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

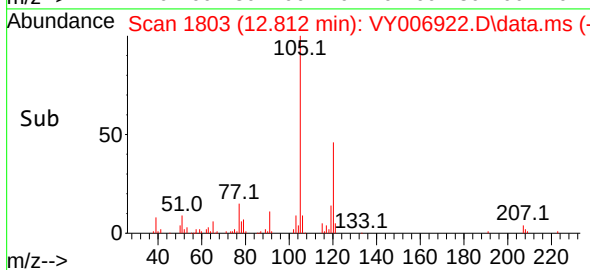
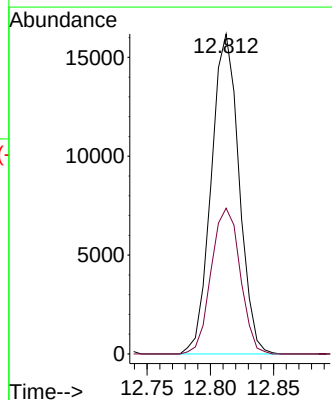
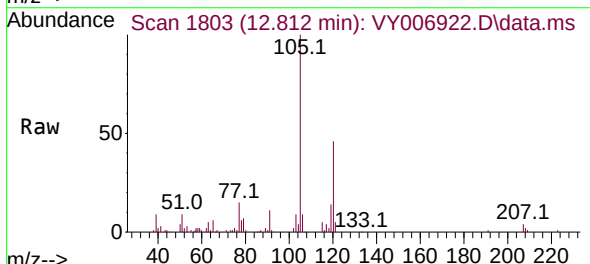
Instrument :
MSVOA_Y
ClientSampleId :
VSTD2.5801

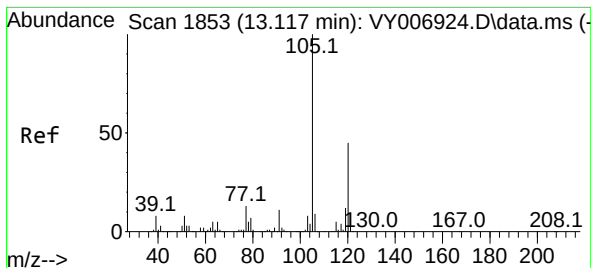
Tgt Ion: 75 Resp: 5673
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
110 38.6 31.7 47.5



#62
1,3,5-Trimethylbenzene
Concen: 2.546 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

Tgt Ion: 105 Resp: 24703
Ion Ratio Lower Upper
105 100
120 47.4 39.0 58.4





#63

1,2,4-Trimethylbenzene

Concen: 2.445 ug/L

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY006922.D

Acq: 03 Dec 2021 17:21

Instrument :

MSVOA_Y

ClientSampleId :

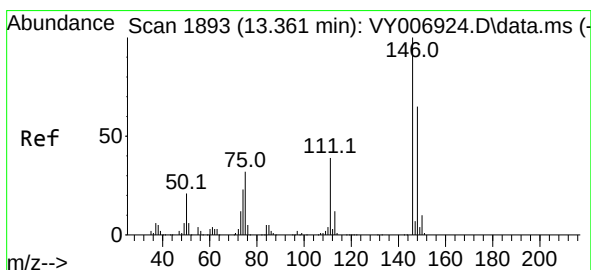
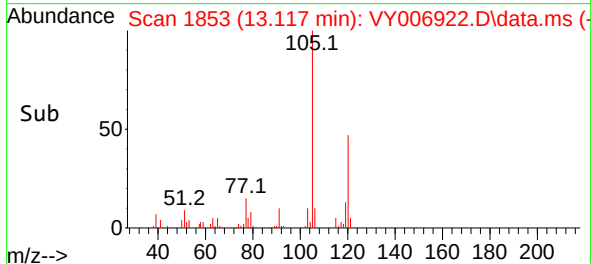
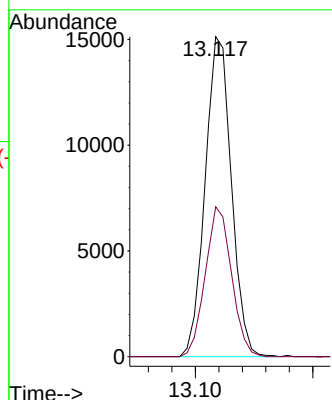
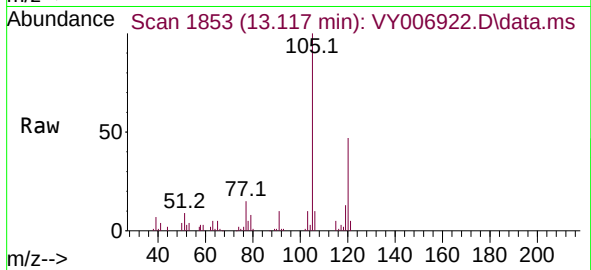
VSTD2.5801

Tgt Ion:105 Resp: 23456

Ion Ratio Lower Upper

105 100

120 47.0 36.0 54.0



#64

1,3-Dichlorobenzene

Concen: 2.630 ug/L

RT: 13.361 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VY006922.D

Acq: 03 Dec 2021 17:21

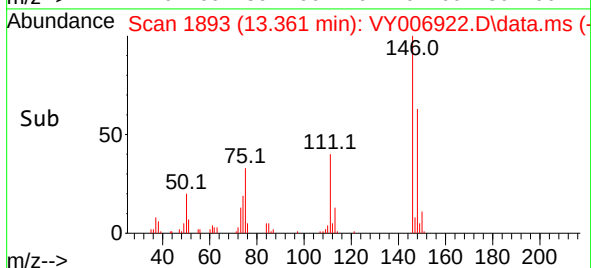
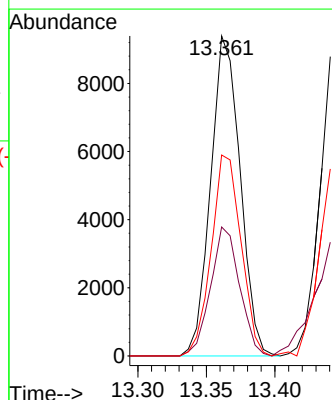
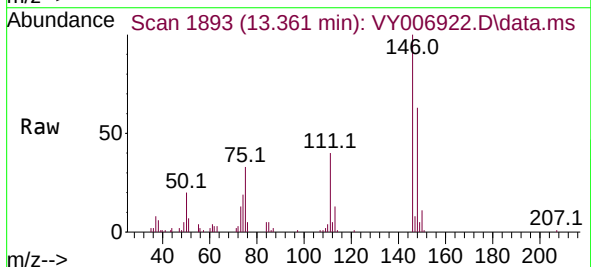
Tgt Ion:146 Resp: 14064

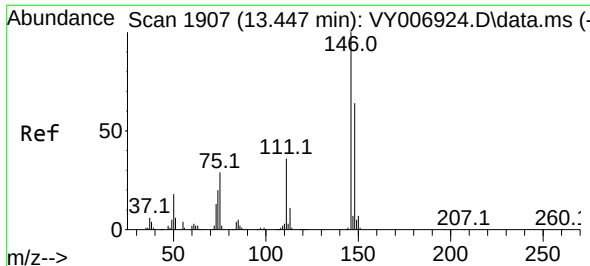
Ion Ratio Lower Upper

146 100

111 40.3 27.4 51.0

148 62.8 45.4 84.2

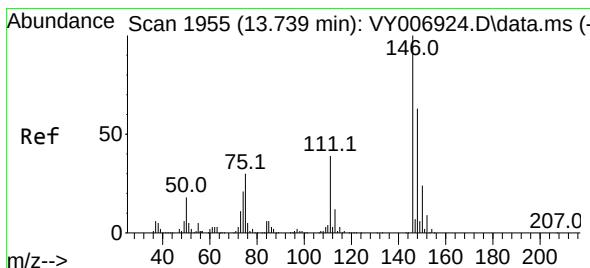
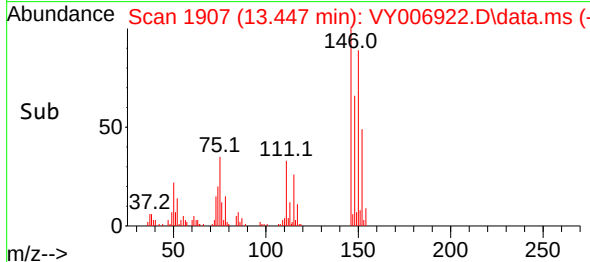
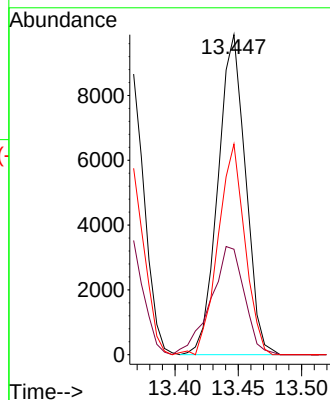
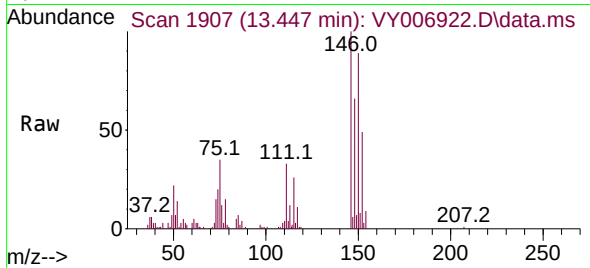




#65
1,4-Dichlorobenzene
Concen: 2.785 ug/L
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

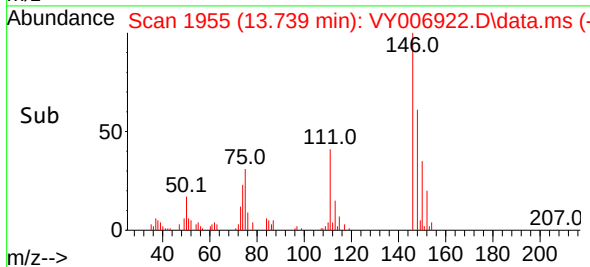
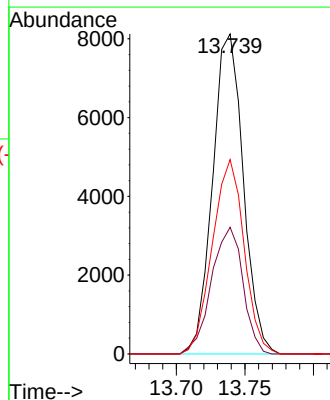
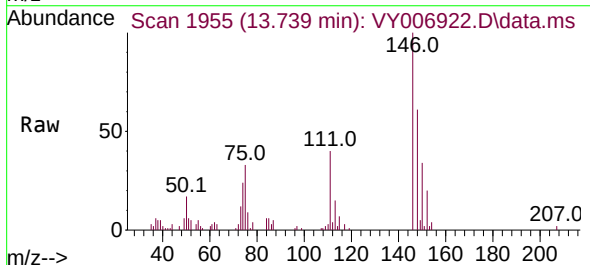
Instrument :
MSVOA_Y
ClientSampleId :
VSTD2.5801

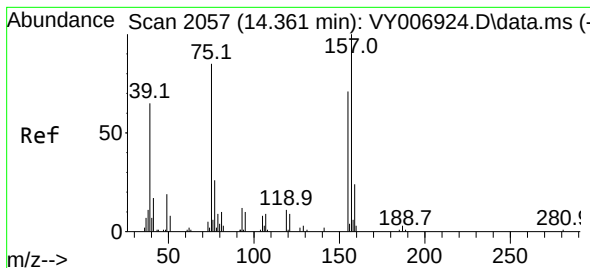
Tgt Ion:146 Resp: 14978
Ion Ratio Lower Upper
146 100
111 33.0 25.3 46.9
148 65.8 44.9 83.5



#67
1,2-Dichlorobenzene
Concen: 2.613 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

Tgt Ion:146 Resp: 12663
Ion Ratio Lower Upper
146 100
111 39.6 31.0 46.6
148 60.8 50.2 75.2

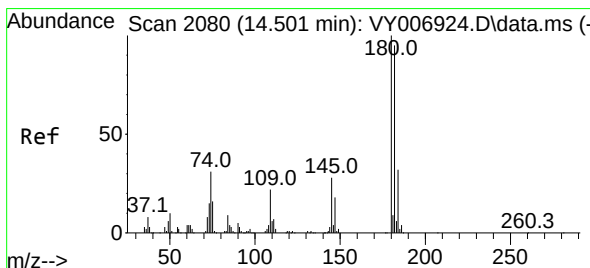
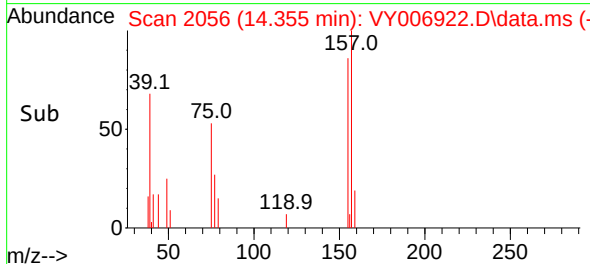
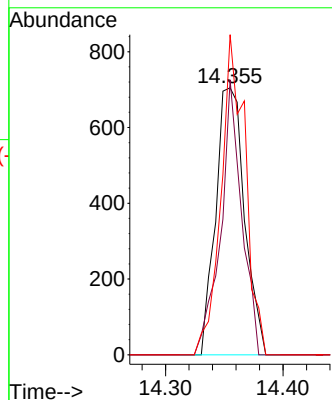
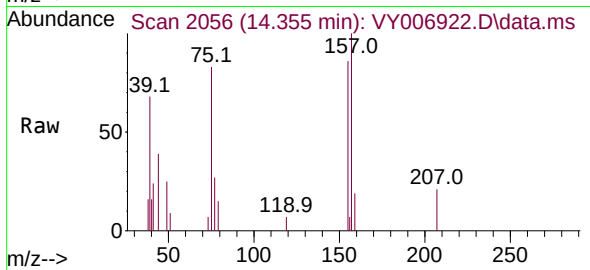




#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.924 ug/L
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.006 min
 Lab File: VY006922.D
 Acq: 03 Dec 2021 17:21

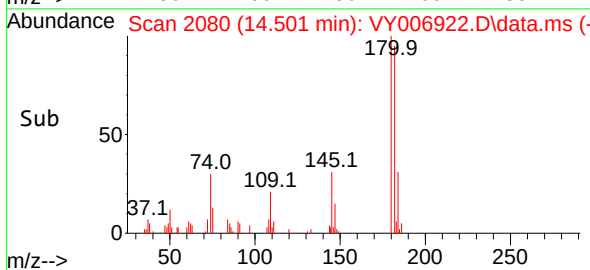
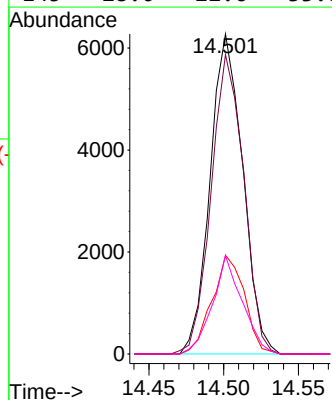
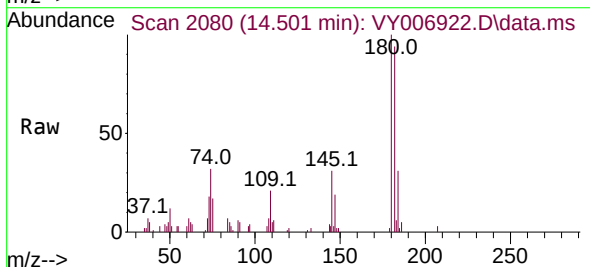
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD2.5801

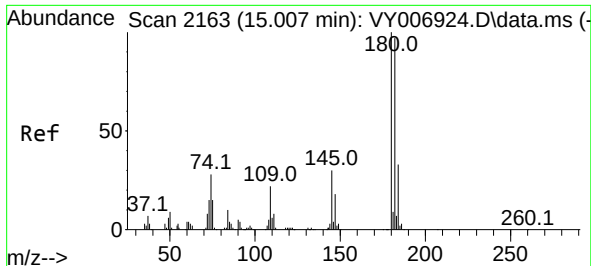
Tgt Ion: 75 Resp: 1202
 Ion Ratio Lower Upper
 75 100
 155 103.0 66.3 99.5#
 157 119.9 93.9 140.9



#69
 1,3,5-Trichlorobenzene
 Concen: 2.553 ug/L
 RT: 14.501 min Scan# 2080
 Delta R.T. -0.000 min
 Lab File: VY006922.D
 Acq: 03 Dec 2021 17:21

Tgt Ion: 180 Resp: 9532
 Ion Ratio Lower Upper
 180 100
 182 93.1 76.0 114.0
 184 30.7 24.6 36.8
 145 28.0 22.6 33.8

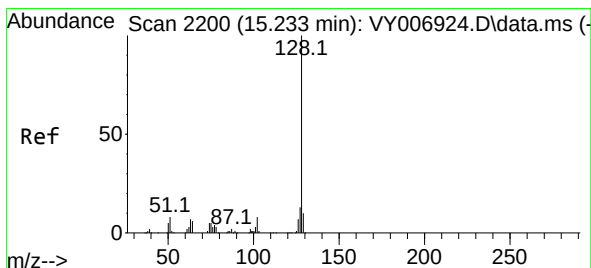
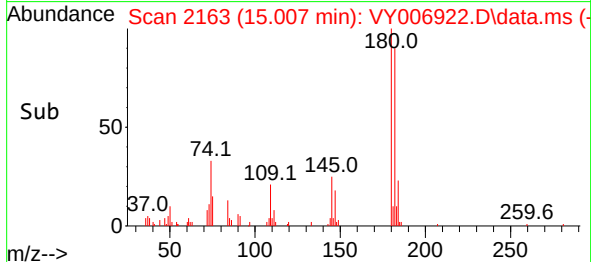
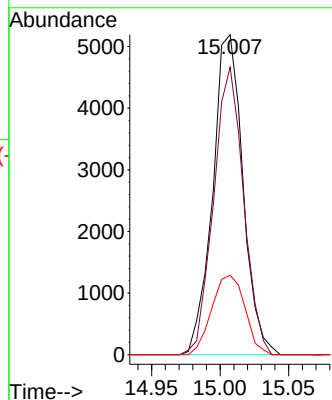
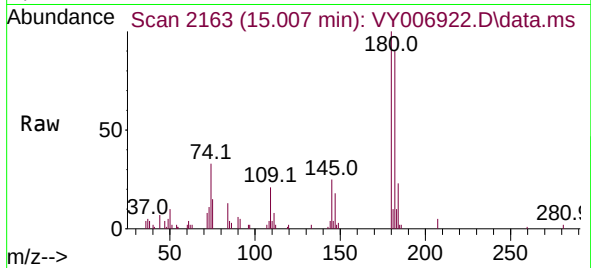




#70
1,2,4-trichlorobenzene
Concen: 2.653 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

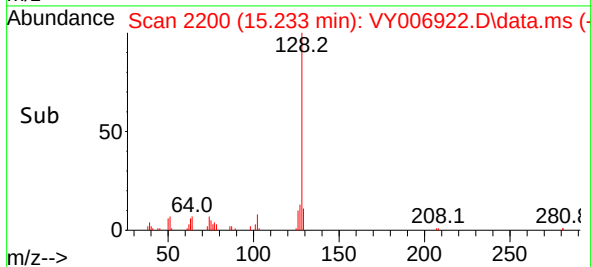
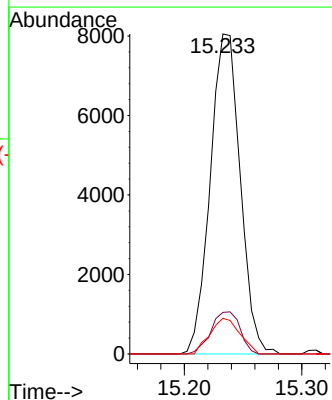
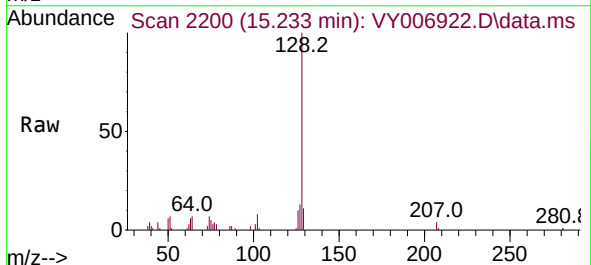
Instrument :
MSVOA_Y
ClientSampleId :
VSTD2.5801

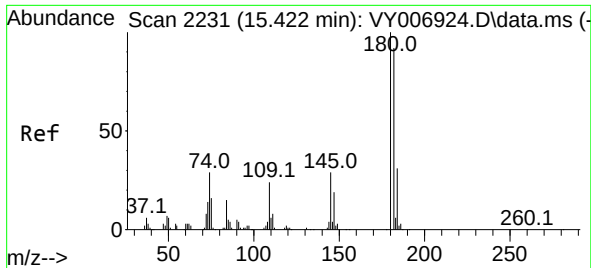
Tgt Ion:	180	Resp:	7984
Ion Ratio	Lower	Upper	
180	100		
182	88.5	75.6	113.4
145	27.1	23.0	34.6



#71
Naphthalene
Concen: 2.421 ug/L
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY006922.D
Acq: 03 Dec 2021 17:21

Tgt Ion:	128	Resp:	14291
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.8	16.2
129	11.1	8.7	13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 2.514 ug/L
 RT: 15.422 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY006922.D
 Acq: 03 Dec 2021 17:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD2.5801

Tgt Ion:	180	Resp:	6507
Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.5	113.3
145	30.0	23.5	35.3

