

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
 Data File : VY005568.D
 Acq On : 06 Aug 2021 13:09
 Operator : SY/MD
 Sample : M3293-03
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 07 06:18:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	24682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	30954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	7657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1807	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	7608	30.451	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	60.900%
35) Dibromofluoromethane	7.728	113	8121	46.860	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.720%
50) Toluene-d8	10.185	98	21265	29.257	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	58.520%
62) 4-Bromofluorobenzene	12.483	95	2067	8.588	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	17.180%#

Target Compounds				Qvalue		
5) Bromomethane	2.680	94	363	1.901	ug/l	99
10) Methyl Iodide	4.107	142	1480	5.640	ug/l #	89
11) Tert butyl alcohol	4.936	59	1326	53.687	ug/l #	73
13) Acrolein	3.747	56	22	1.476	ug/l #	14
15) Acrylonitrile	5.180	53	322	4.632	ug/l #	34
16) Acetone	3.960	43	1548	24.575	ug/l #	83
17) Carbon Disulfide	4.204	76	3022	4.609	ug/l #	85
20) Methylene Chloride	4.729	84	3086	7.164	ug/l	85
25) 2-Butanone	6.996	43	225	2.416	ug/l #	48
27) cis-1,2-Dichloroethene	6.978	96	280	1.035	ug/l #	10
31) Cyclohexane	7.783	56	435	1.015	ug/l #	57
36) 1,1-Dichloropropene	7.801	75	1851	6.376	ug/l #	45
38) Carbon Tetrachloride	7.789	117	2256	7.150	ug/l #	13
39) Methylcyclohexane	9.191	83	513	1.389	ug/l	98
44) Trichloroethene	8.947	130	2763	12.177	ug/l	85
52) Toluene	10.252	92	1562	2.946	ug/l	99
55) 1,1,2-Trichloroethane	10.624	97	435	2.614	ug/l #	16
59) 2-Hexanone	10.831	43	287	2.316	ug/l	67
60) Dibromochloromethane	10.721	129	151270	734.561	ug/l #	11
64) Tetrachloroethene	10.721	164	188504	3234.250	ug/l	98
65) Chlorobenzene	11.514	112	341	2.213	ug/l #	85
67) Ethyl Benzene	11.593	91	1158	4.145	ug/l	97
68) m/p-Xylenes	11.709	106	1303	12.007	ug/l	88
69) o-Xylene	12.032	106	610	5.848	ug/l	90
70) Styrene	12.044	104	588	3.349	ug/l #	89
73) Isopropylbenzene	12.331	105	626	4.963	ug/l	91
74) N-amyl acetate	12.124	43	459	12.089	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.593	83	150	6.183	ug/l #	72
76) 1,2,3-Trichloropropane	12.630	75	107	5.714	ug/l #	100
77) Bromobenzene	12.611	156	188	6.067	ug/l #	10
78) n-propylbenzene	12.678	91	1381	9.218	ug/l	93
79) 2-Chlorotoluene	12.861	91	785	9.332	ug/l	89
80) 1,3,5-Trimethylbenzene	12.812	105	2068	19.756	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.447	75	53	5.706	ug/l #	11
82) 4-Chlorotoluene	12.861	91	785	9.019	ug/l	89
83) tert-Butylbenzene	13.075	119	573	6.100	ug/l	78

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

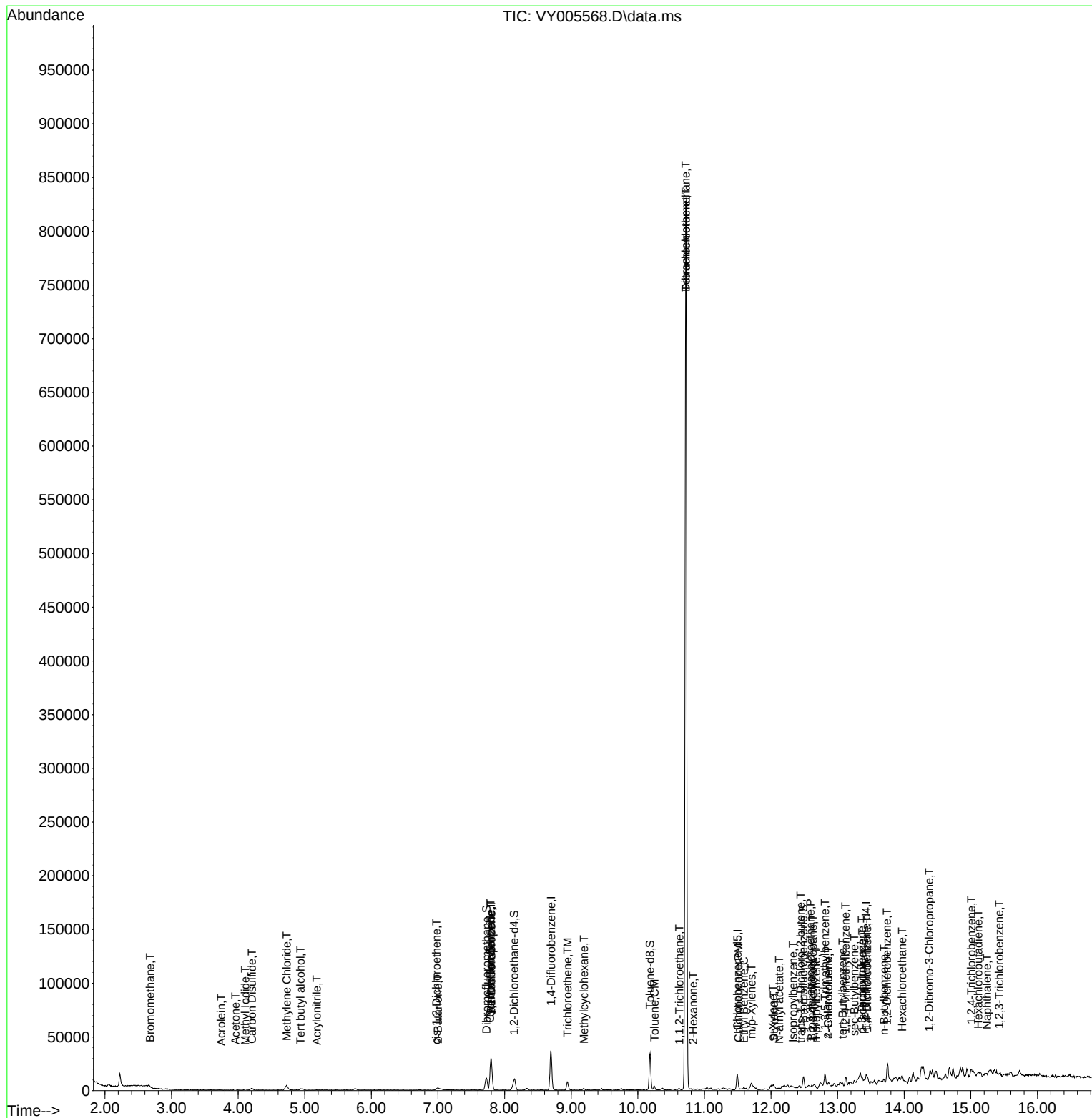
84) 1,2,4-Trimethylbenzene	13.117	105	3308	32.027	ug/l	89
85) sec-Butylbenzene	13.251	105	1213	8.953	ug/l #	70
86) p-Isopropyltoluene	13.373	119	2078	17.865	ug/l #	75
87) 1,3-Dichlorobenzene	13.367	146	653	10.799	ug/l #	39
88) 1,4-Dichlorobenzene	13.446	146	660	11.003	ug/l #	24
89) n-Butylbenzene	13.696	91	1781	16.901	ug/l	91
90) Hexachloroethane	13.971	117	138	6.599	ug/l #	3
91) 1,2-Dichlorobenzene	13.739	146	647	12.114	ug/l #	75
92) 1,2-Dibromo-3-Chloropr...	14.373	75	50	10.872	ug/l #	45
93) 1,2,4-Trichlorobenzene	15.007	180	1095	29.845	ug/l #	67
94) Hexachlorobutadiene	15.111	225	482	20.290	ug/l	89
95) Naphthalene	15.245	128	2292	31.690	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	1603	49.316	ug/l	75

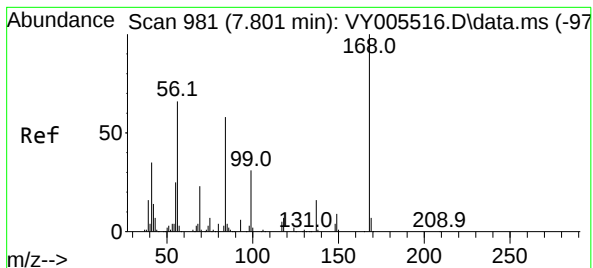
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY005568.D

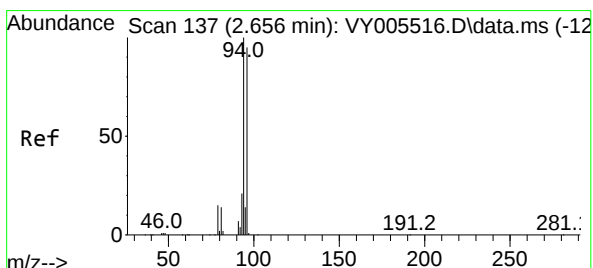
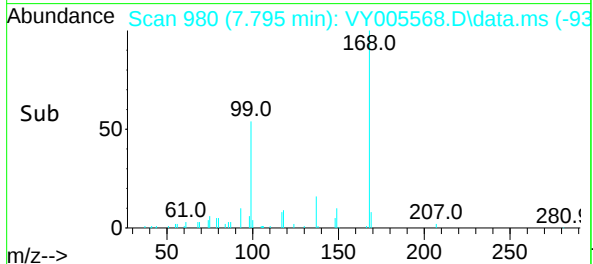
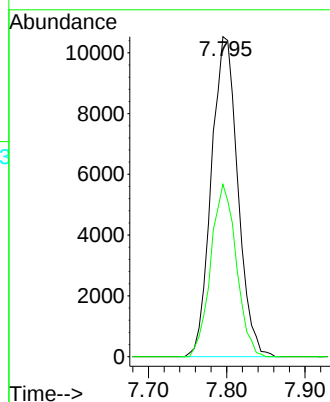
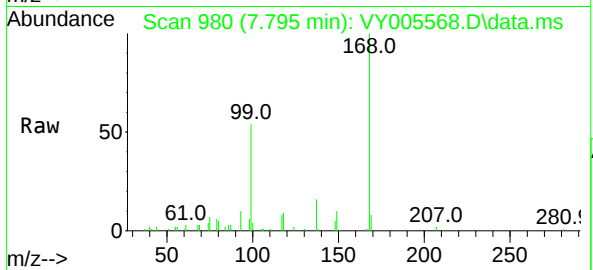
Acq: 06 Aug 2021 13:09

Tgt Ion:168 Resp: 24682

Ion Ratio Lower Upper

168 100

99 53.8 38.9 58.3



#5

Bromomethane

Concen: 1.901 ug/l

RT: 2.680 min Scan# 141

Delta R.T. 0.024 min

Lab File: VY005568.D

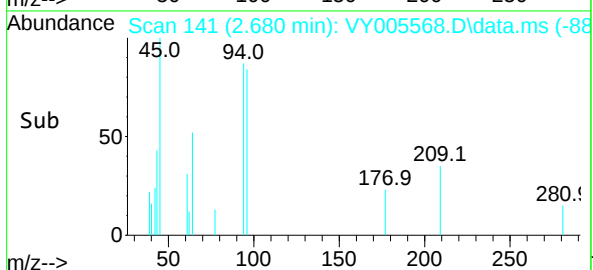
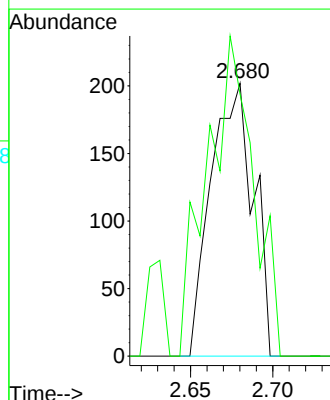
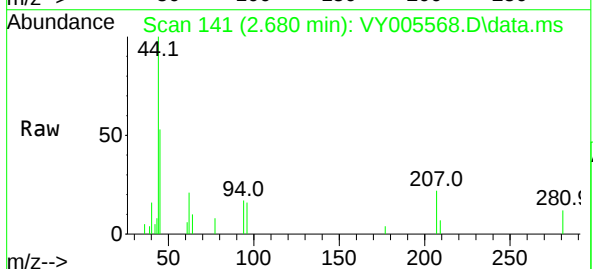
Acq: 06 Aug 2021 13:09

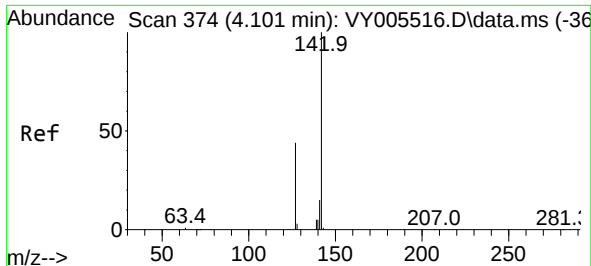
Tgt Ion: 94 Resp: 363

Ion Ratio Lower Upper

94 100

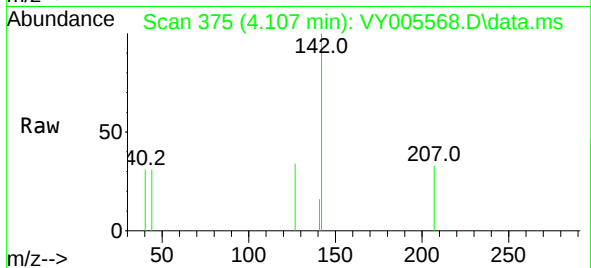
96 96.0 75.7 113.5



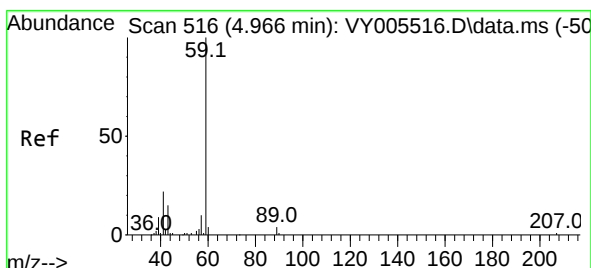
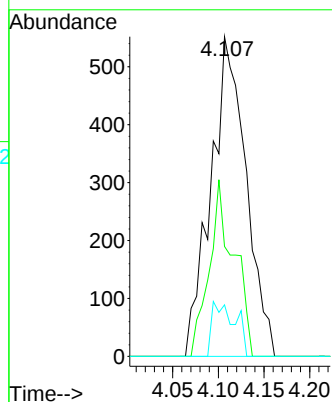
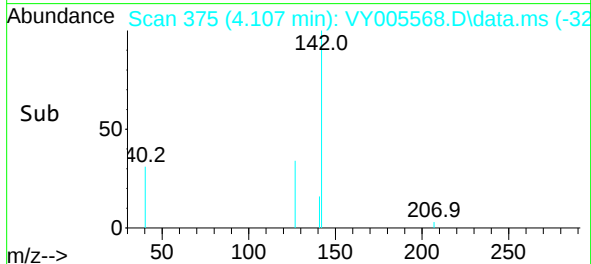


#10
Methyl Iodide
Concen: 5.640 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

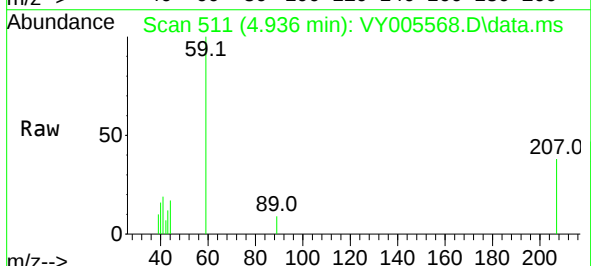
Instrument :
MSVOA_Y
ClientSampleId :



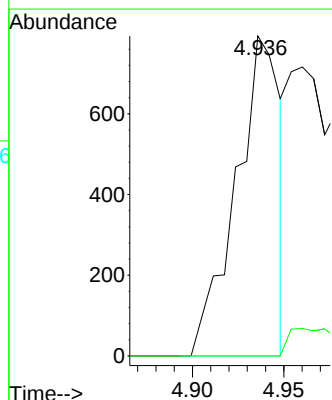
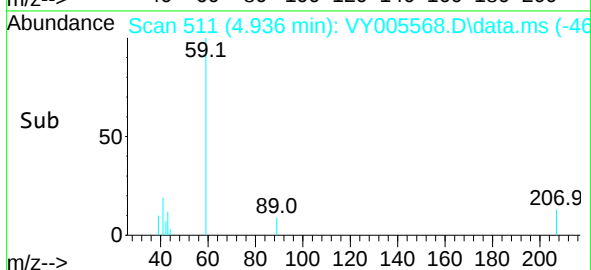
Tgt Ion:142 Resp: 1480
Ion Ratio Lower Upper
142 100
127 38.6 36.6 54.8
141 11.1 12.2 18.4#

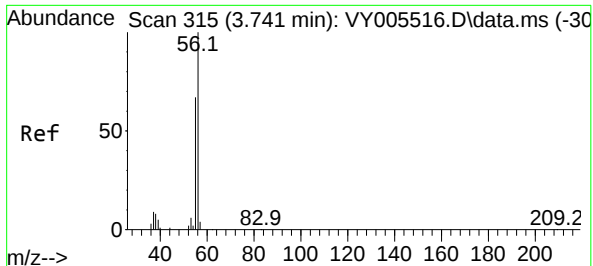


#11
Tert butyl alcohol
Concen: 53.687 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.031 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09



Tgt Ion: 59 Resp: 1326
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

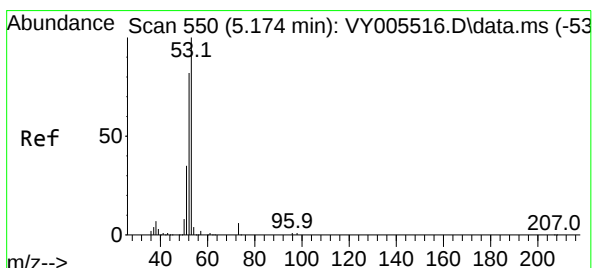
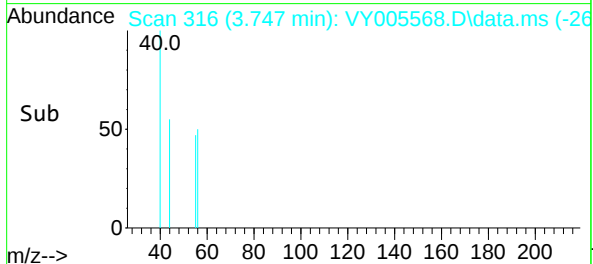
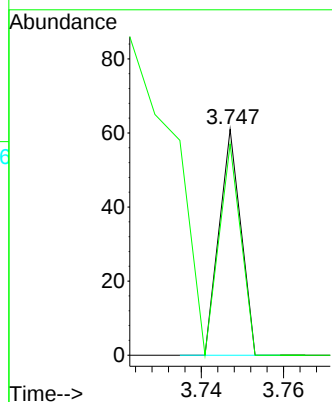
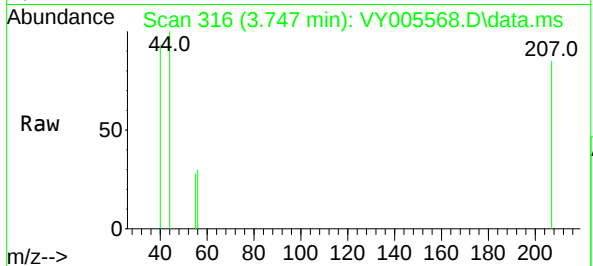




#13
Acrolein
Concen: 1.476 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

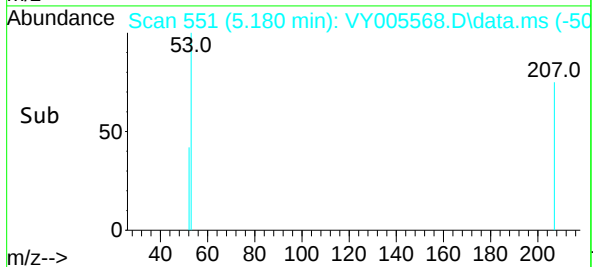
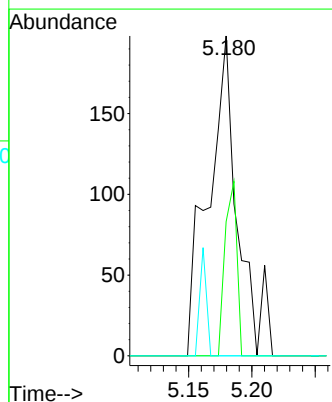
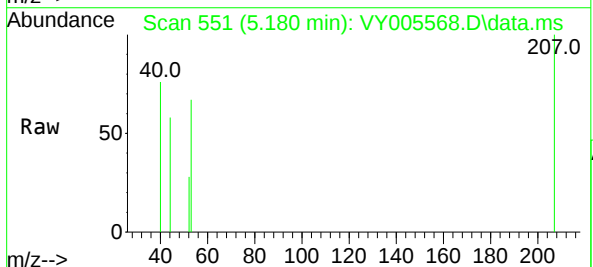
Instrument :
MSVOA_Y
ClientSampled :

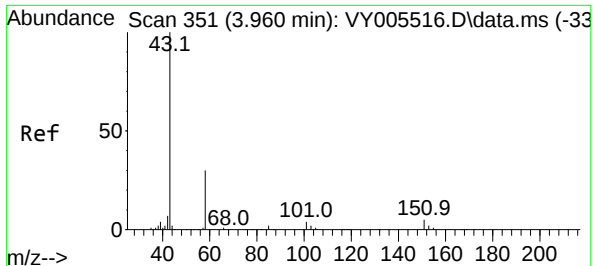
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#



#15
Acrylonitrile
Concen: 4.632 ug/l
RT: 5.180 min Scan# 551
Delta R.T. 0.006 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

Tgt Ion: 53 Resp: 322
Ion Ratio Lower Upper
53 100
52 21.7 66.6 99.8#
51 0.0 29.9 44.9#

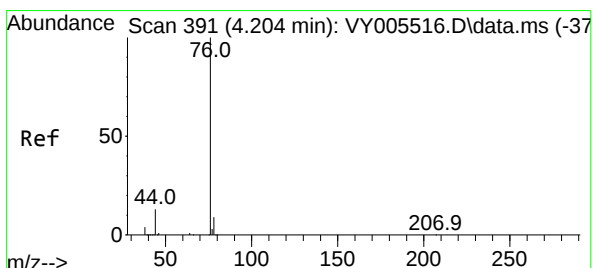
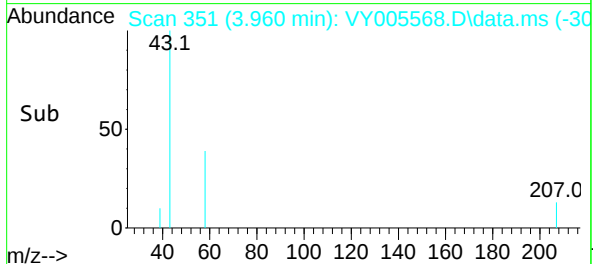
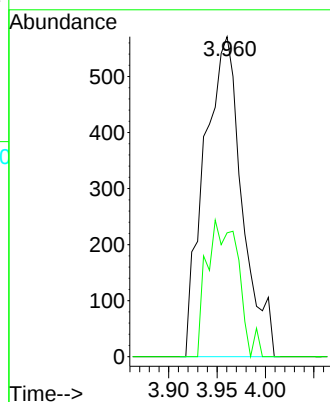
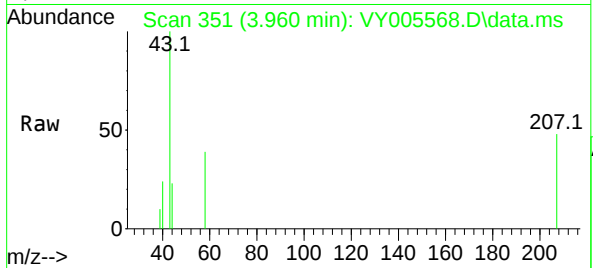




#16
Acetone
Concen: 24.575 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

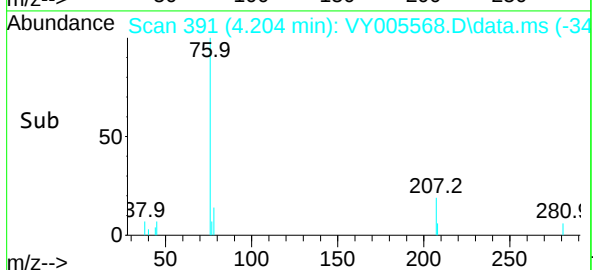
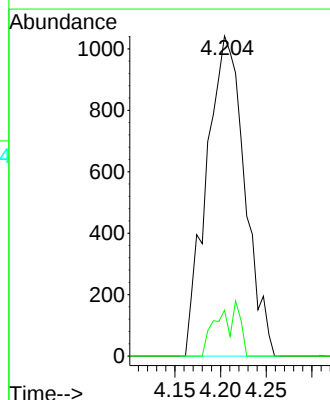
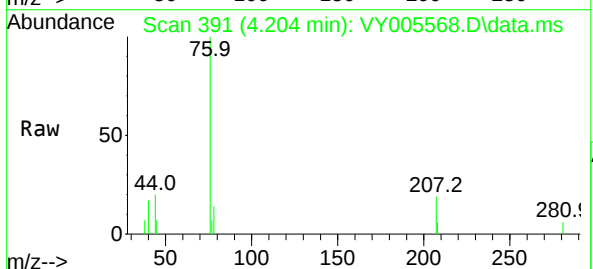
Instrument :
MSVOA_Y
ClientSampleId :

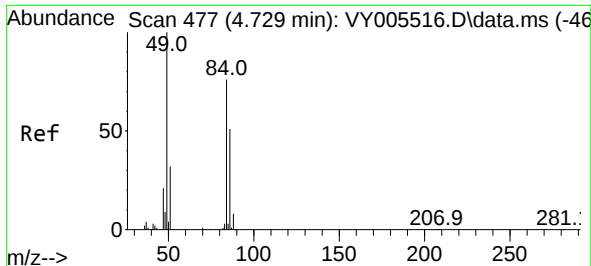
Tgt Ion: 43 Resp: 1548
Ion Ratio Lower Upper
43 100
58 38.7 23.8 35.6#



#17
Carbon Disulfide
Concen: 4.609 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

Tgt Ion: 76 Resp: 3022
Ion Ratio Lower Upper
76 100
78 14.3 7.0 10.6#





#20

Methylene Chloride

Concen: 7.164 ug/l

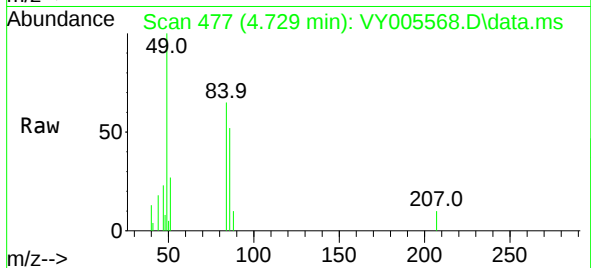
RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY005568.D

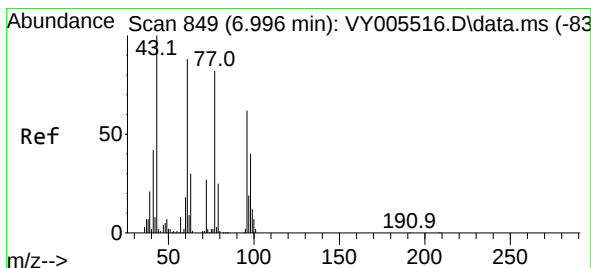
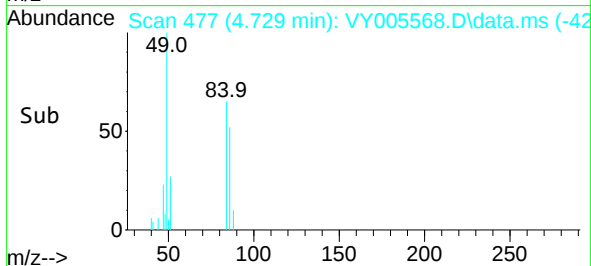
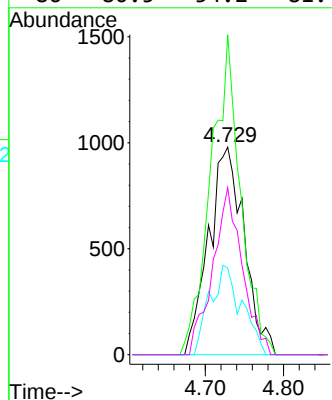
Acq: 06 Aug 2021 13:09

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion: 84 Resp: 3086

Ion	Ratio	Lower	Upper
84	100		
49	154.2	105.8	158.6
51	41.8	33.4	50.2
86	80.5	54.2	81.4



#25

2-Butanone

Concen: 2.416 ug/l

RT: 6.996 min Scan# 849

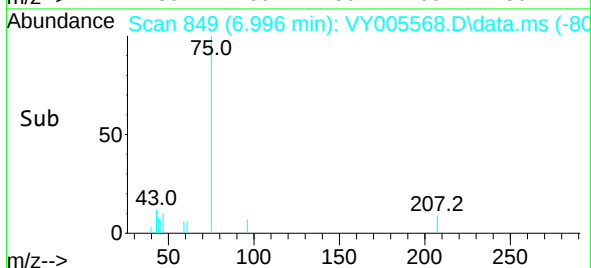
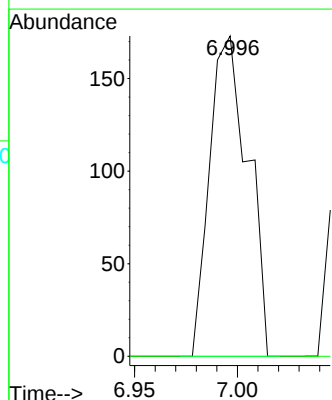
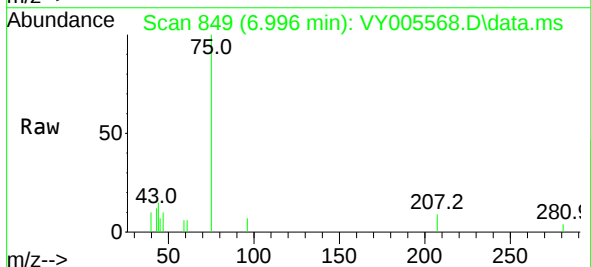
Delta R.T. -0.000 min

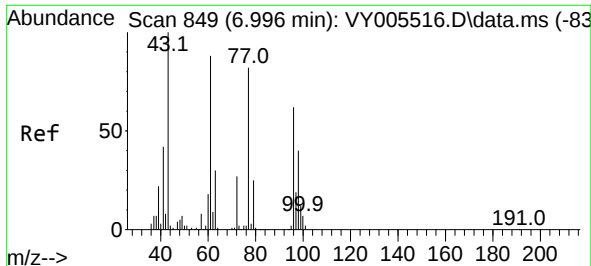
Lab File: VY005568.D

Acq: 06 Aug 2021 13:09

Tgt Ion: 43 Resp: 225

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.4	32.2





#27

cis-1,2-Dichloroethene

Concen: 1.035 ug/l

RT: 6.978 min Scan# 846

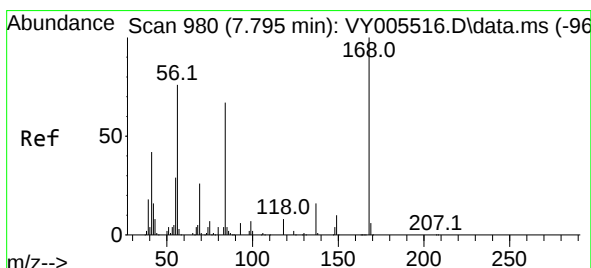
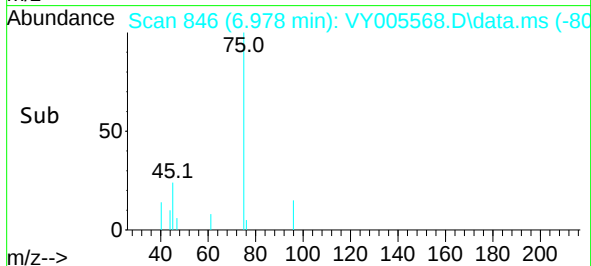
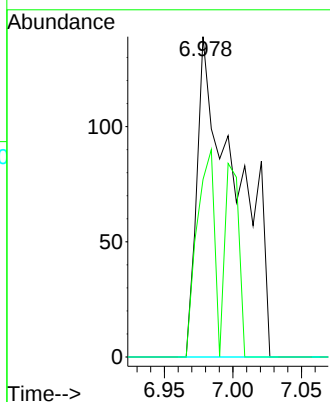
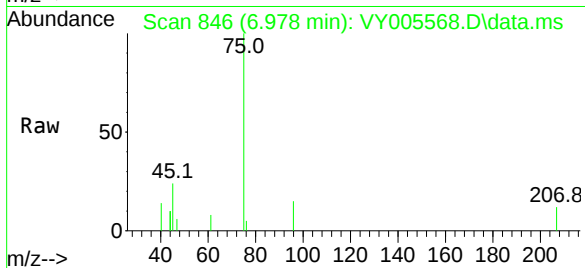
Delta R.T. -0.018 min

Lab File: VY005568.D

Acq: 06 Aug 2021 13:09

Tgt Ion:	96	Resp:	280
Ion	Ratio	Lower	Upper
96	100		
61	28.2	0.0	290.0
98	0.0	0.0	128.0

Instrument :
MSVOA_Y
ClientSampleId :



#31

Cyclohexane

Concen: 1.015 ug/l

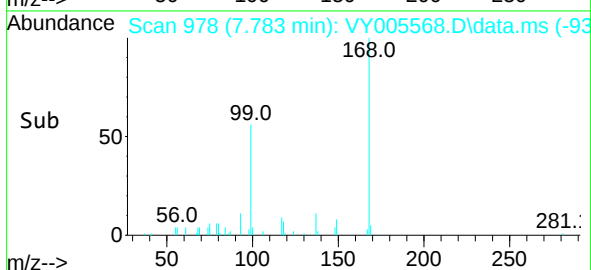
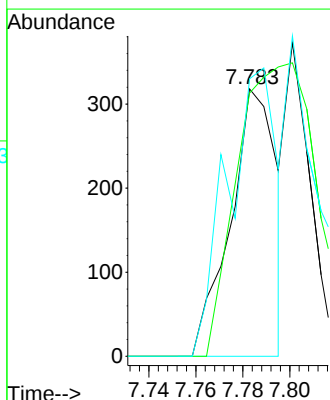
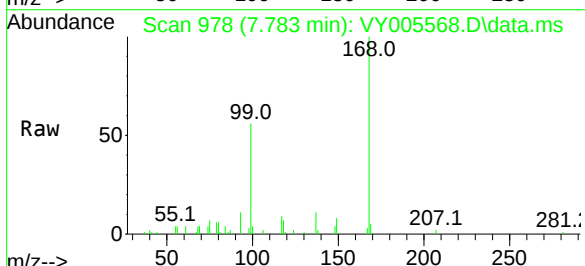
RT: 7.783 min Scan# 978

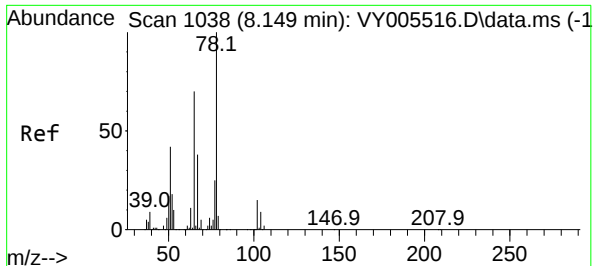
Delta R.T. -0.012 min

Lab File: VY005568.D

Acq: 06 Aug 2021 13:09

Tgt Ion:	56	Resp:	435
Ion	Ratio	Lower	Upper
56	100		
69	98.4	27.7	41.5#
84	103.8	70.9	106.3

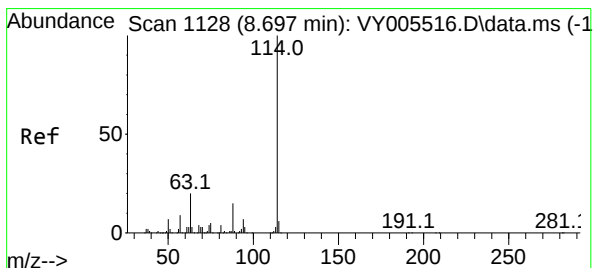
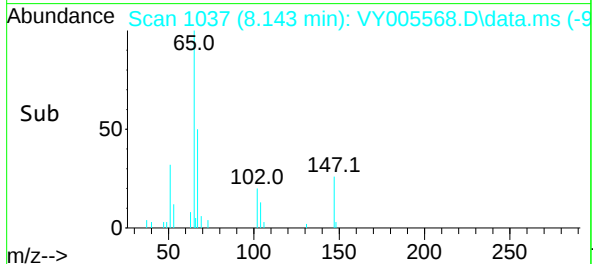
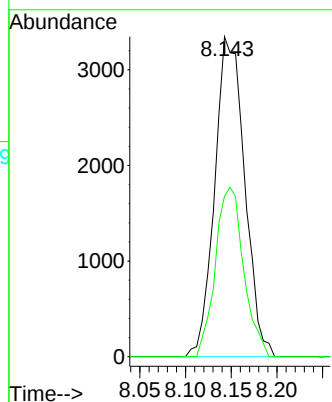
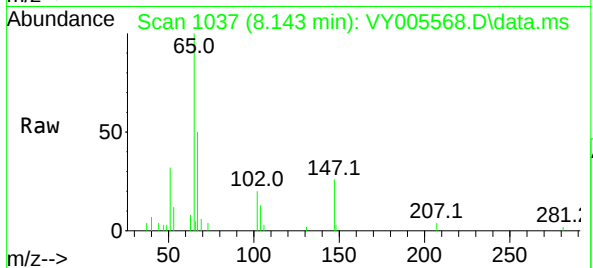




#33
1,2-Dichloroethane-d4
Concen: 30.451 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

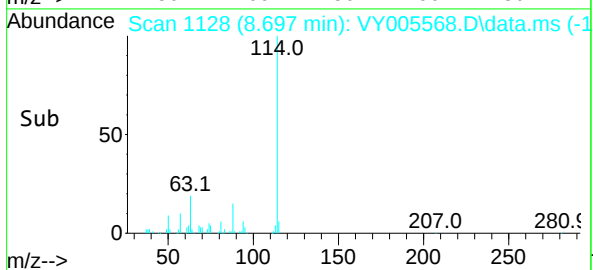
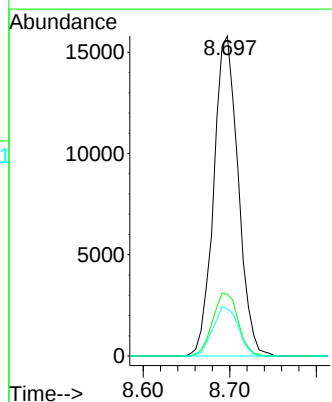
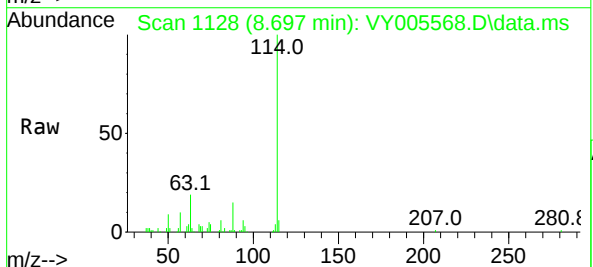
Instrument :
MSVOA_Y
ClientSampleId :

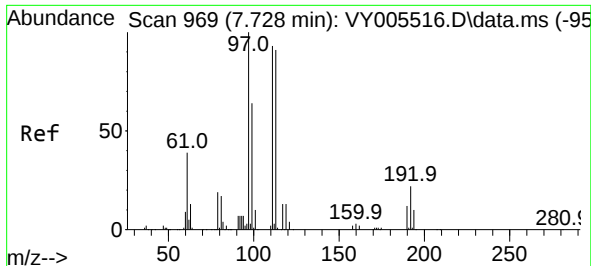
Tgt Ion: 65 Resp: 7608
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

Tgt Ion: 114 Resp: 30954
Ion Ratio Lower Upper
114 100
63 19.3 0.0 39.2
88 14.8 0.0 30.8

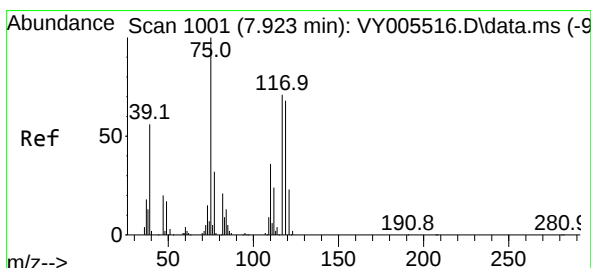
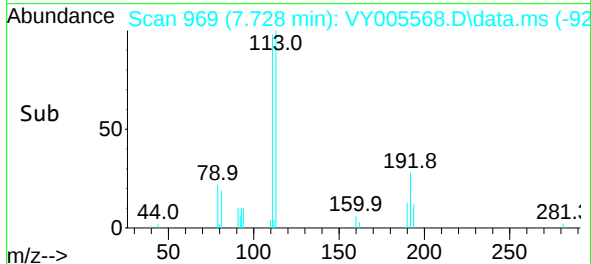
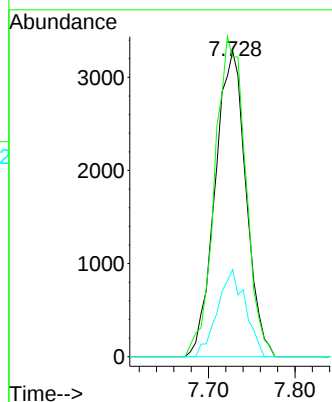
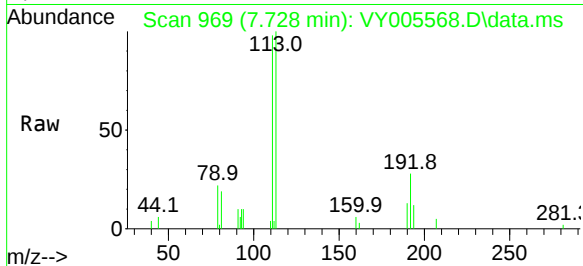




#35
Dibromofluoromethane
Concen: 46.860 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

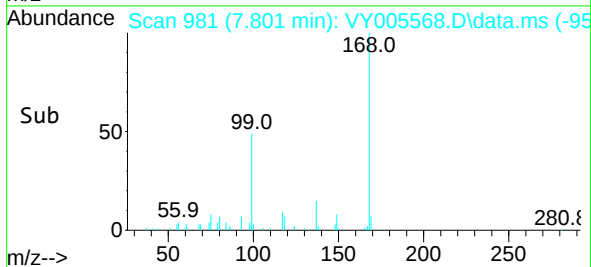
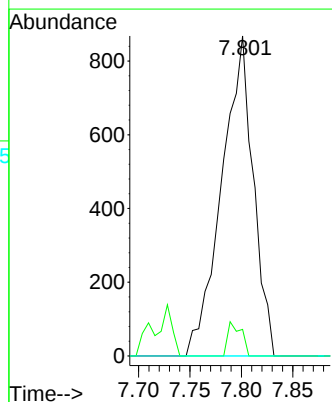
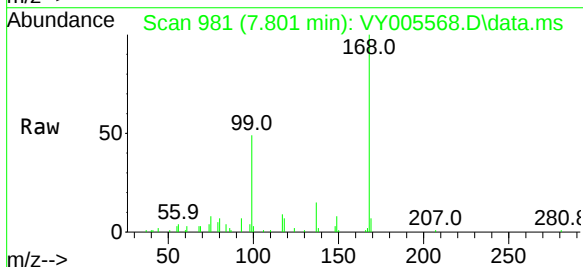
Instrument :
MSVOA_Y
ClientSampleId :

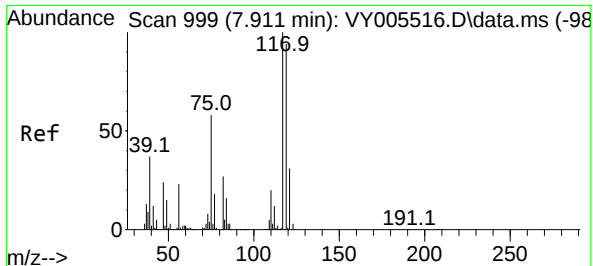
Tgt Ion:	113	Resp:	8121
Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.9	122.9
192	25.7	19.2	28.8



#36
1,1-Dichloropropene
Concen: 6.376 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

Tgt Ion:	75	Resp:	1851
Ion	Ratio	Lower	Upper
75	100		
110	4.6	18.1	54.1#
77	0.0	25.1	37.7#

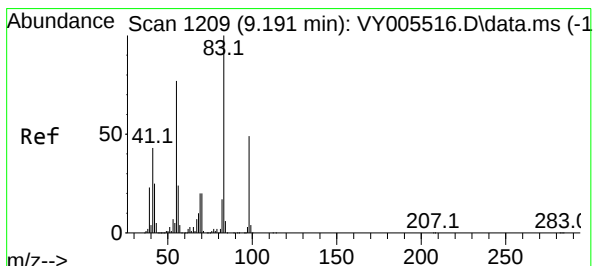
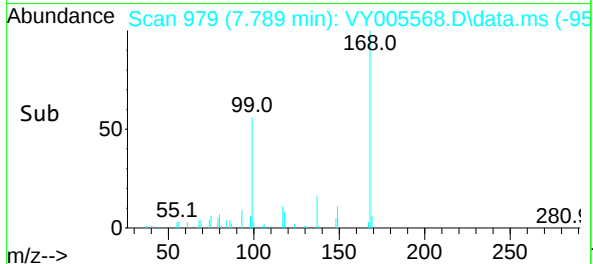
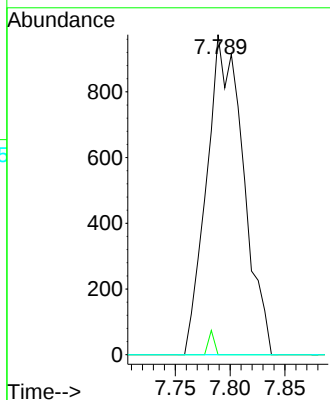
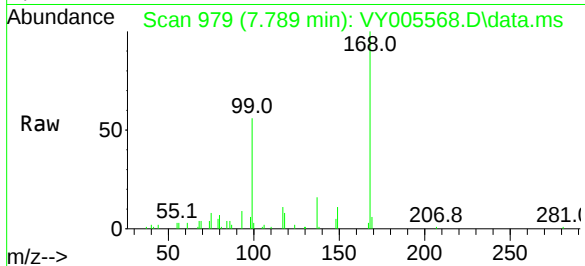




#38
Carbon Tetrachloride
Concen: 7.150 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

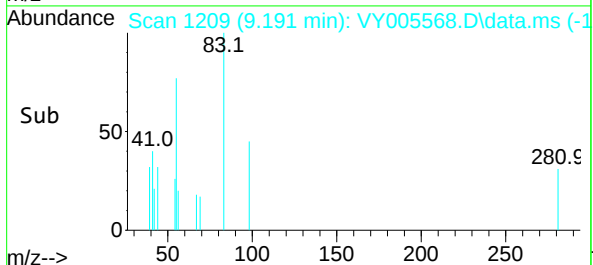
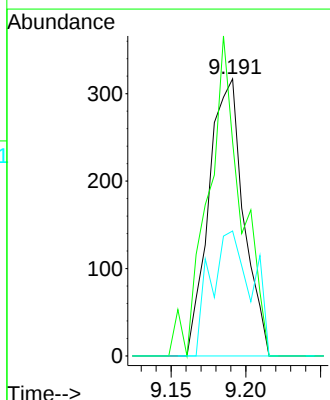
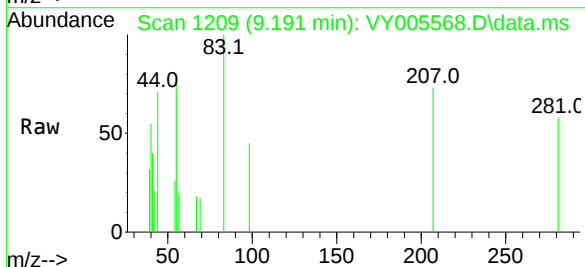
Instrument :
MSVOA_Y
ClientSampleId :

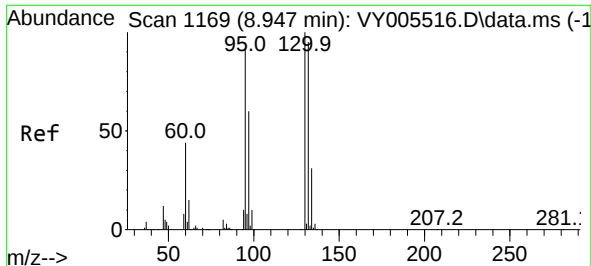
Tgt Ion:117 Resp: 2256
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.1 37.7#



#39
Methylcyclohexane
Concen: 1.389 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.000 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

Tgt Ion: 83 Resp: 513
Ion Ratio Lower Upper
83 100
55 77.3 61.7 92.5
98 45.1 38.9 58.3

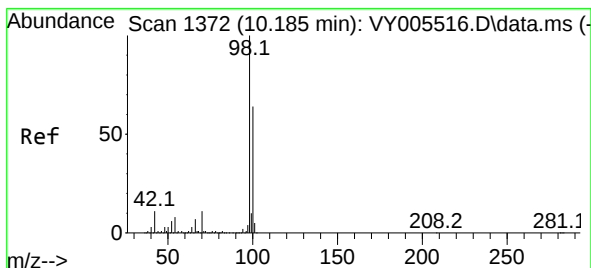
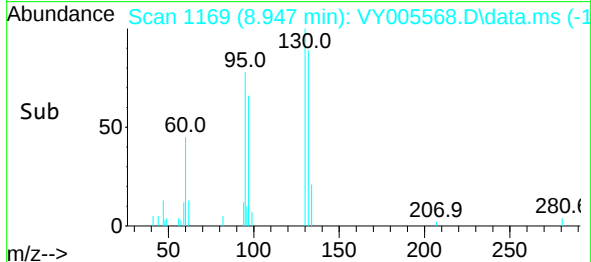
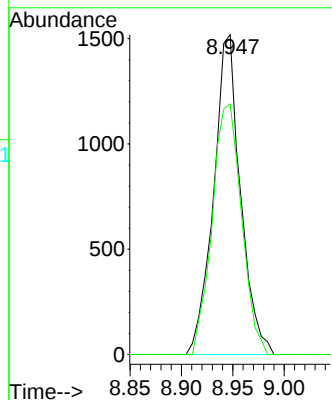
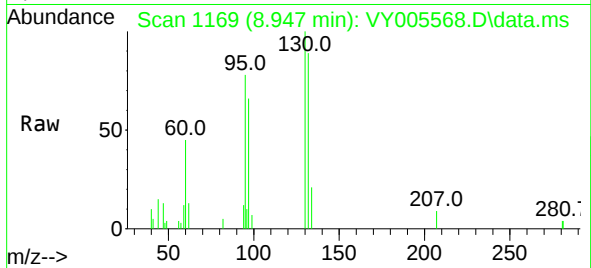




#44
Trichloroethene
Concen: 12.177 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

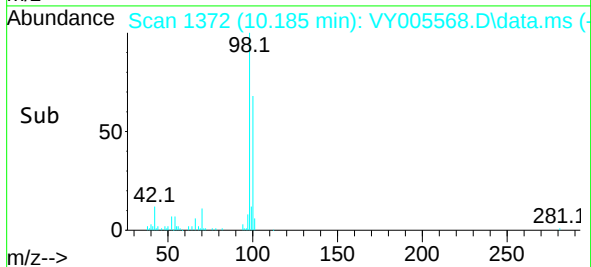
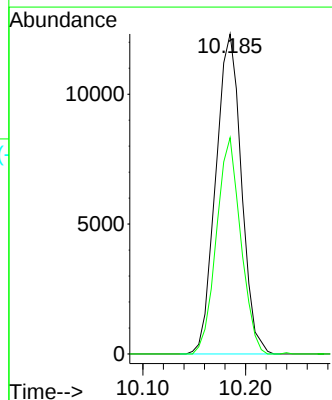
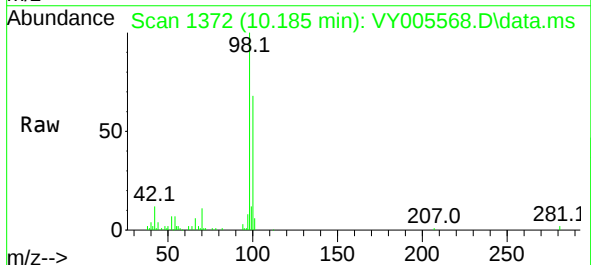
Instrument :
MSVOA_Y
ClientSampled :

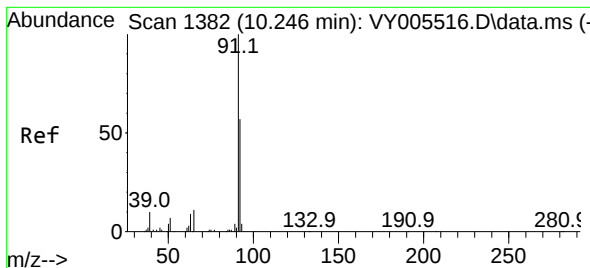
Tgt Ion:130 Resp: 2763
Ion Ratio Lower Upper
130 100
95 78.3 0.0 185.0



#50
Toluene-d8
Concen: 29.257 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

Tgt Ion: 98 Resp: 21265
Ion Ratio Lower Upper
98 100
100 64.2 51.3 76.9





#52

Toluene

Concen: 2.946 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY005568.D

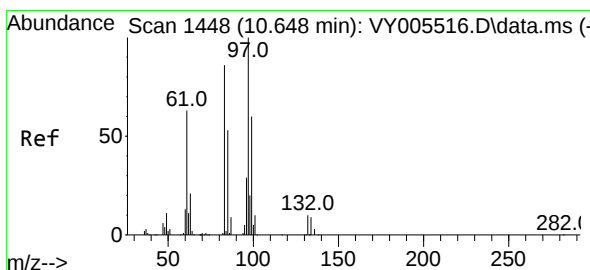
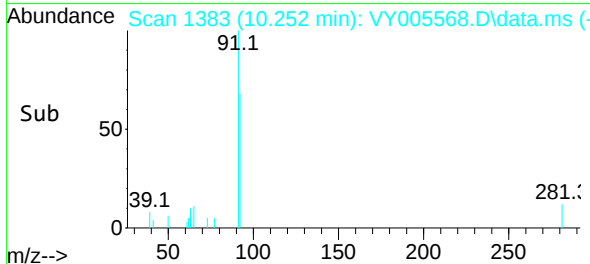
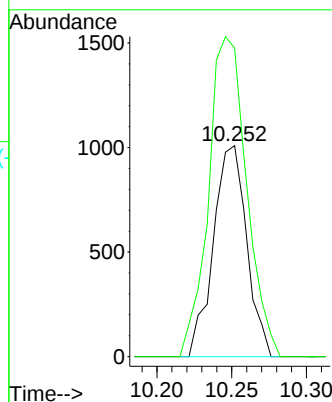
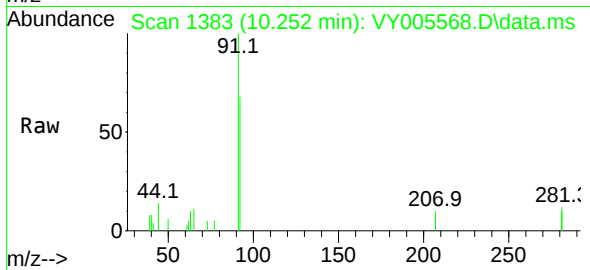
Acq: 06 Aug 2021 13:09

Tgt Ion: 92 Resp: 1562

Ion Ratio Lower Upper

92 100

91 173.2 139.6 209.4



#55

1,1,2-Trichloroethane

Concen: 2.614 ug/l

RT: 10.624 min Scan# 1444

Delta R.T. -0.024 min

Lab File: VY005568.D

Acq: 06 Aug 2021 13:09

Tgt Ion: 97 Resp: 435

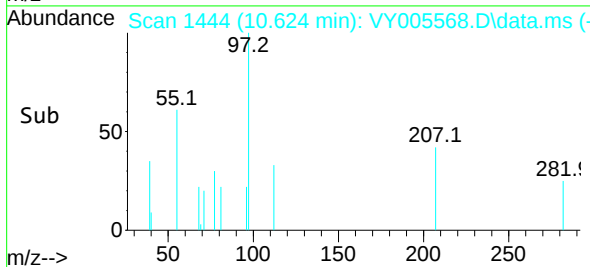
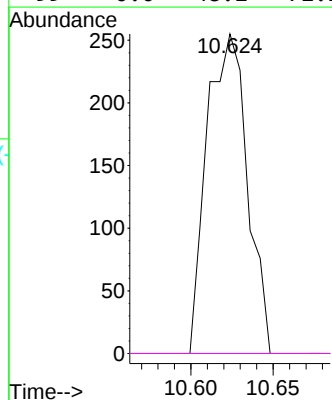
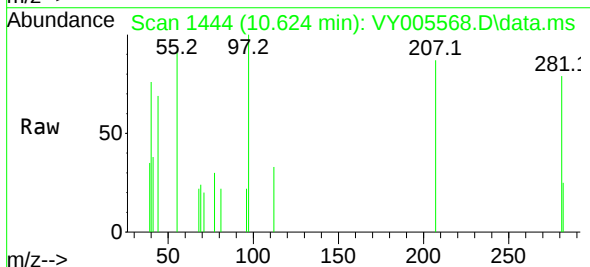
Ion Ratio Lower Upper

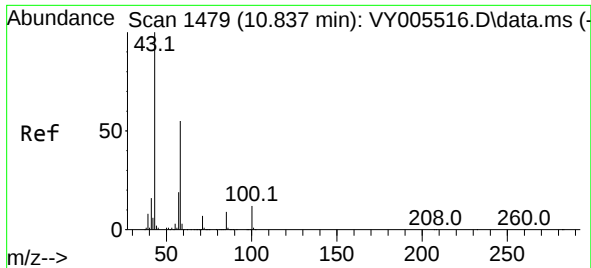
97 100

83 0.0 68.7 103.1#

85 0.0 42.4 63.6#

99 0.0 48.2 72.2#

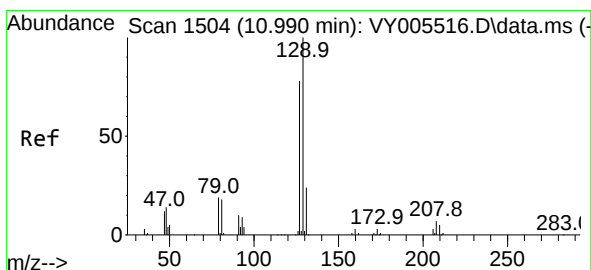
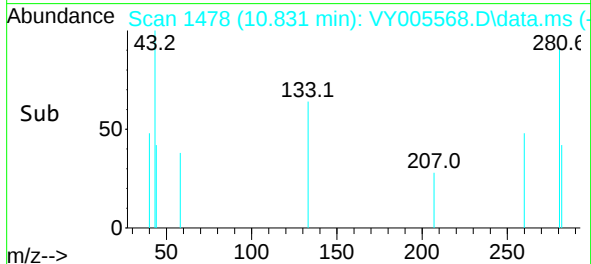
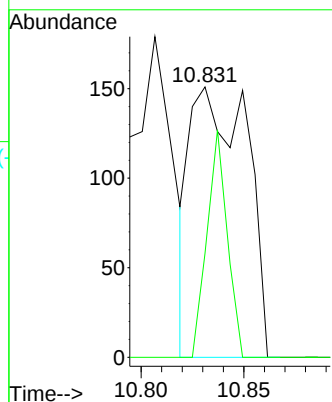
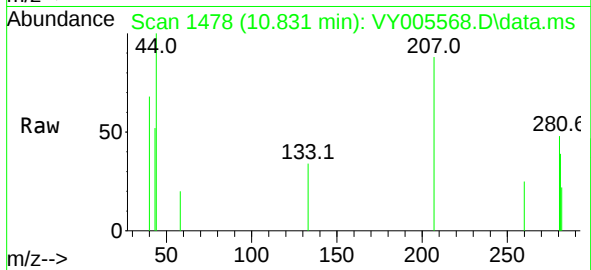




#59
2-Hexanone
Concen: 2.316 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

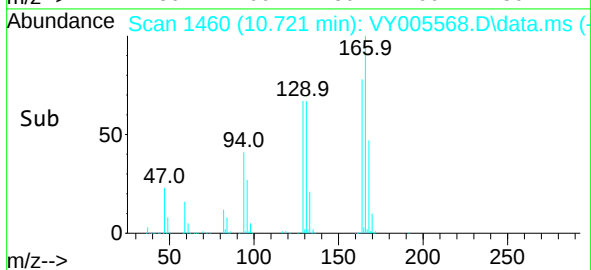
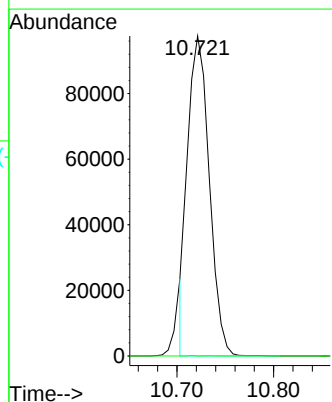
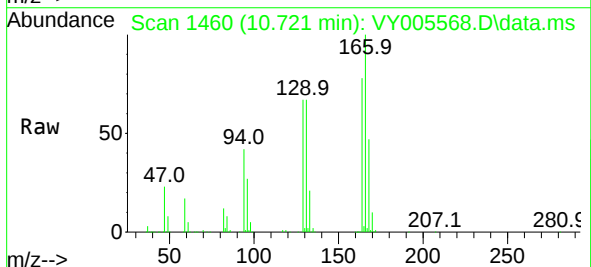
Instrument :
MSVOA_Y
ClientSampled :

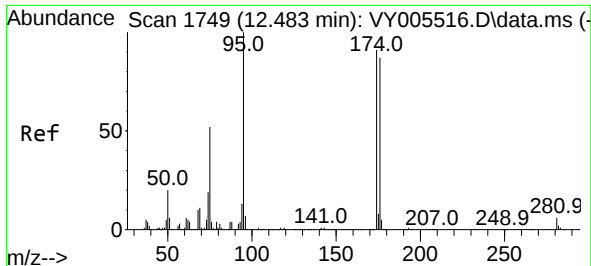
Tgt Ion: 43 Resp: 287
Ion Ratio Lower Upper
43 100
58 30.3 27.1 81.2



#60
Dibromochloromethane
Concen: 734.561 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.268 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

Tgt Ion: 129 Resp: 151270
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.7#

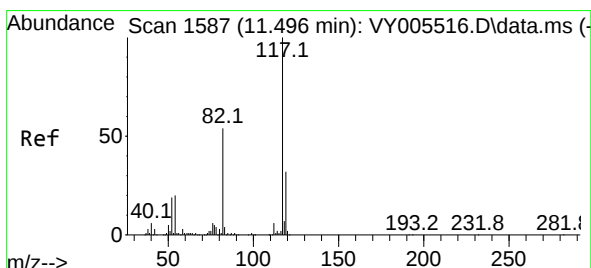
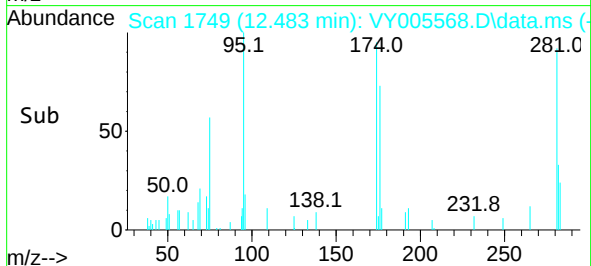
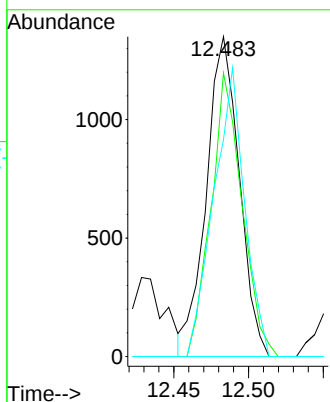
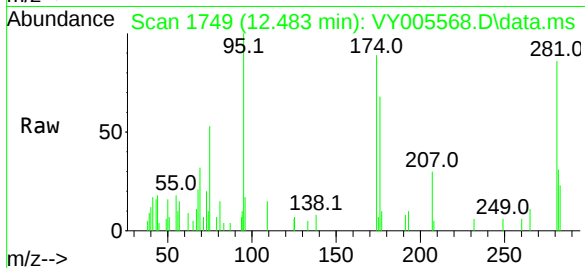




#62
4-Bromofluorobenzene
Concen: 8.588 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

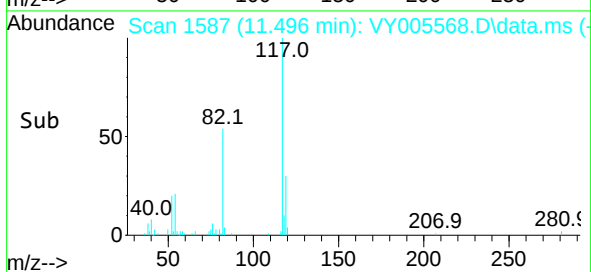
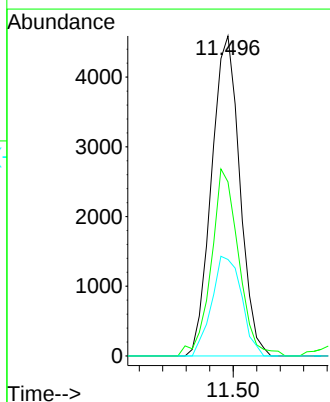
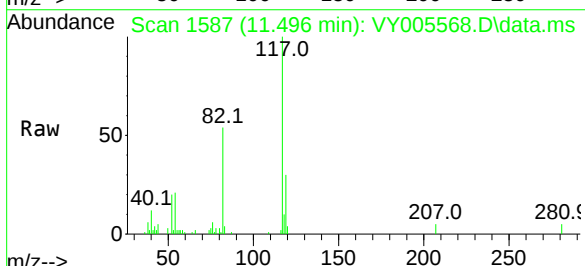
Instrument :
MSVOA_Y
ClientSampleId :

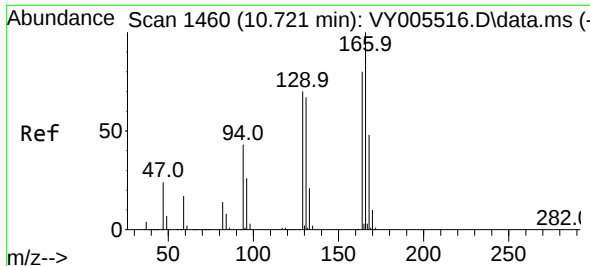
Tgt Ion:	95	Resp:	2067
Ion Ratio	Lower	Upper	
95	100		
174	83.6	0.0	191.4
176	84.7	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

Tgt Ion:	117	Resp:	7657
Ion Ratio	Lower	Upper	
117	100		
82	54.4	43.5	65.3
119	30.1	25.5	38.3

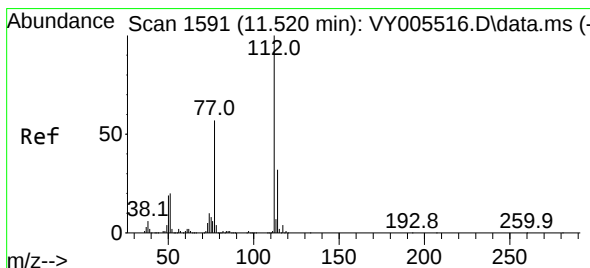
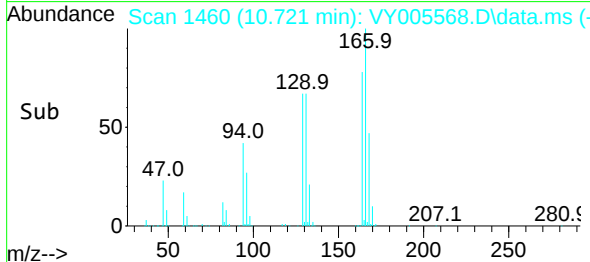
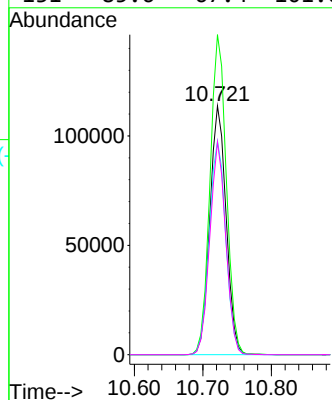
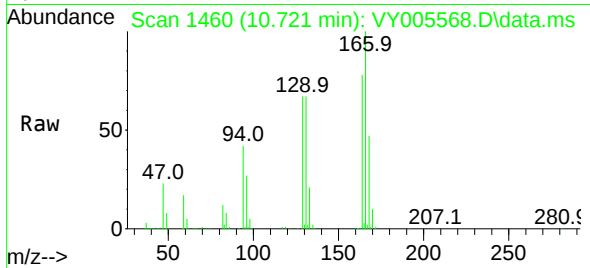




#64
Tetrachloroethene
Concen: 3234.250 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

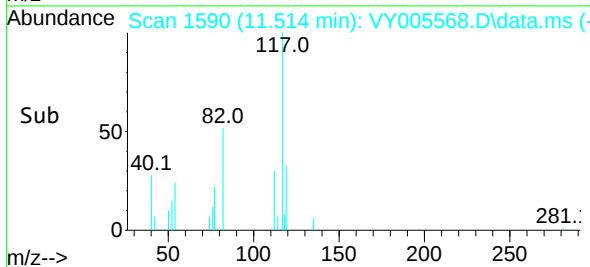
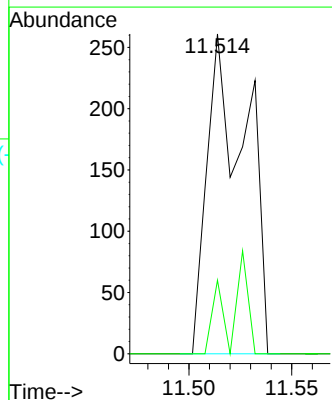
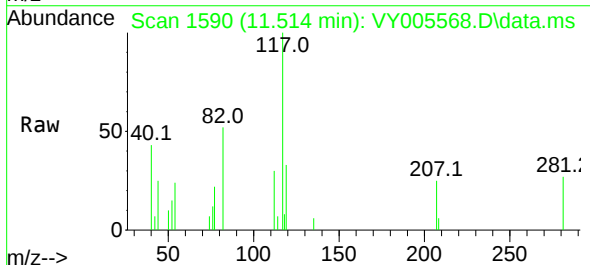
Instrument :
MSVOA_Y
ClientSampleId :

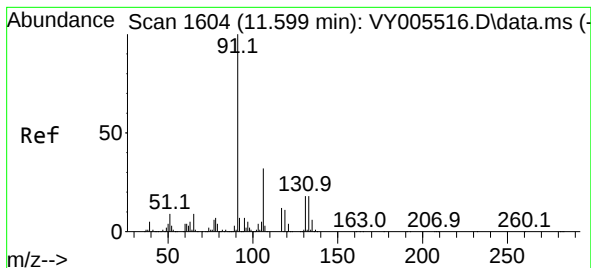
Tgt Ion:	164	Resp:	188504
Ion Ratio	Lower	Upper	
164	100		
166	128.6	99.8	149.8
129	85.8	70.1	105.1
131	85.6	67.4	101.0



#65
Chlorobenzene
Concen: 2.213 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

Tgt Ion:	112	Resp:	341
Ion Ratio	Lower	Upper	
112	100		
114	23.0	25.2	37.8#

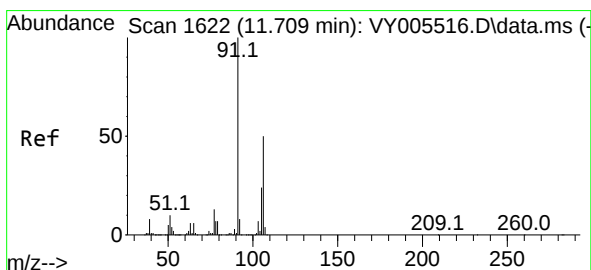
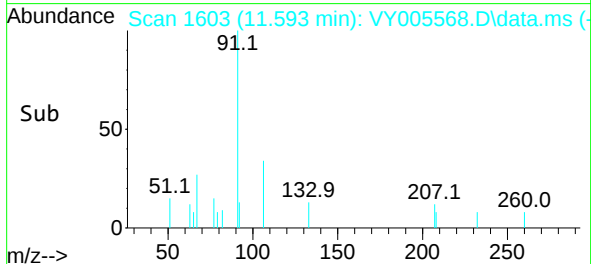
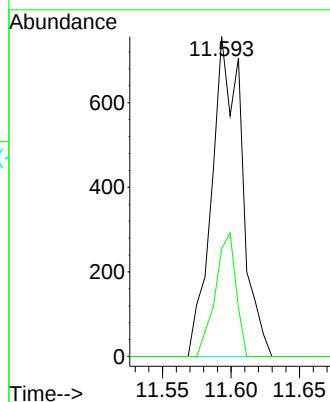
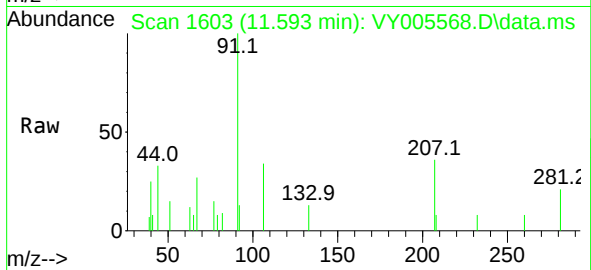




#67
Ethyl Benzene
Concen: 4.145 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

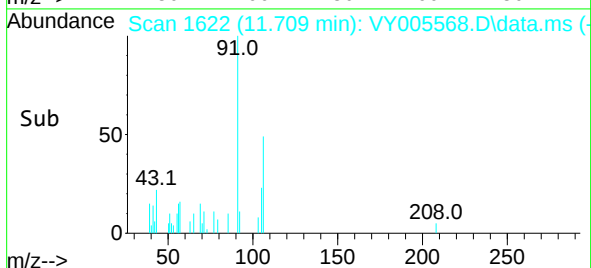
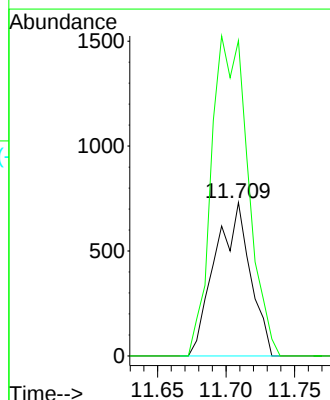
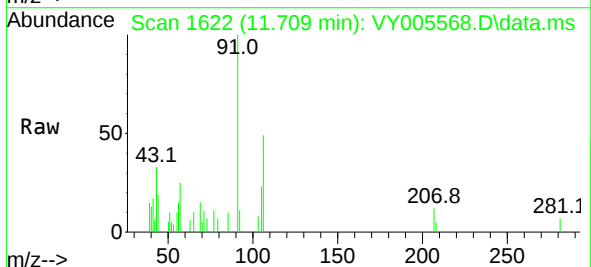
Instrument :
MSVOA_Y
ClientSampleId :

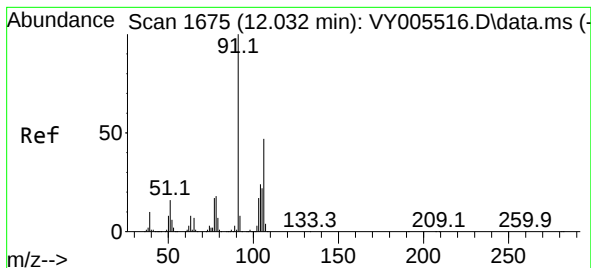
Tgt Ion: 91 Resp: 1158
Ion Ratio Lower Upper
91 100
106 33.7 25.8 38.6



#68
m/p-Xylenes
Concen: 12.007 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

Tgt Ion:106 Resp: 1303
Ion Ratio Lower Upper
106 100
91 217.2 159.6 239.4

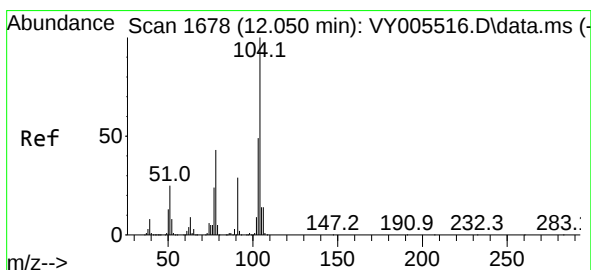
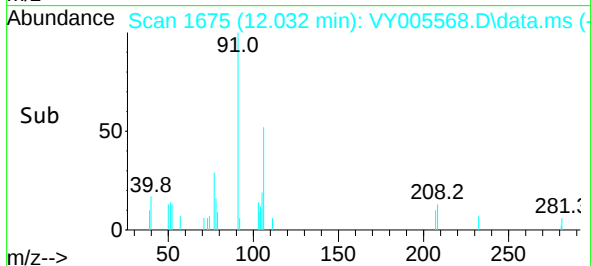
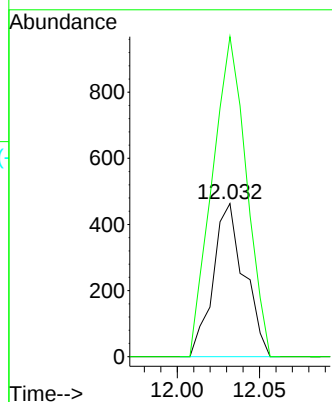
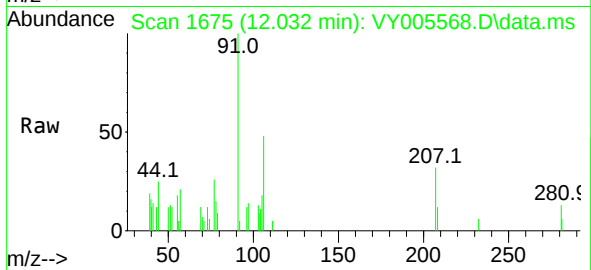




#69
o-Xylene
Concen: 5.848 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

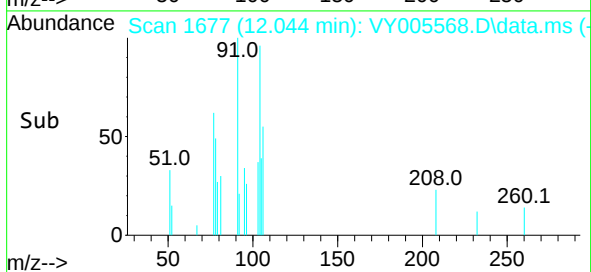
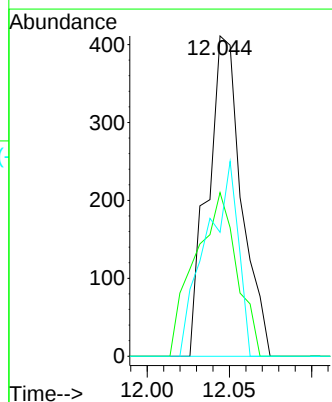
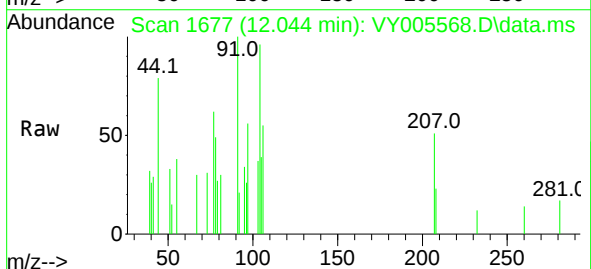
Instrument :
MSVOA_Y
ClientSampled :

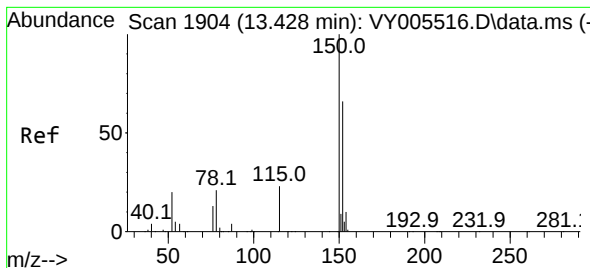
Tgt Ion:106 Resp: 610
Ion Ratio Lower Upper
106 100
91 228.0 106.2 318.6



#70
Styrene
Concen: 3.349 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

Tgt Ion:104 Resp: 588
Ion Ratio Lower Upper
104 100
78 63.3 40.2 60.4#
103 57.7 43.8 65.8

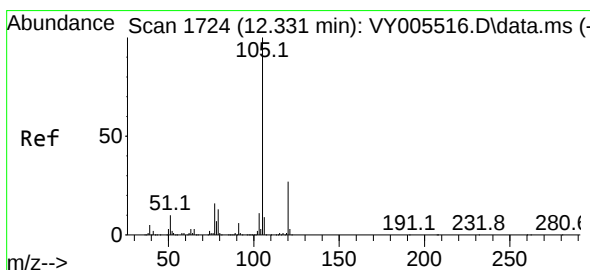
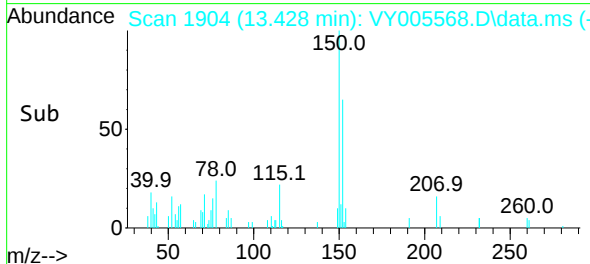
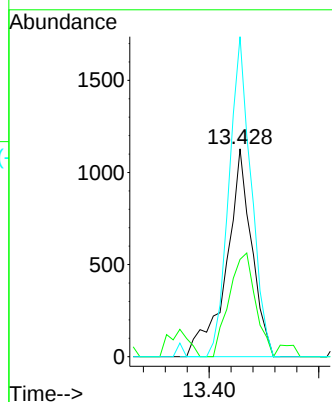
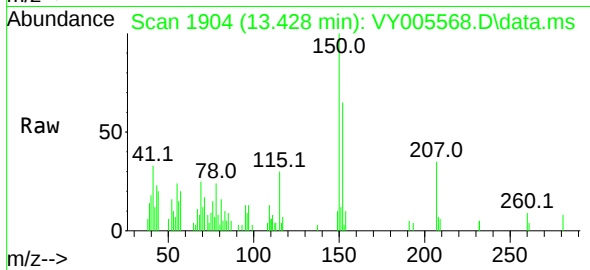




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

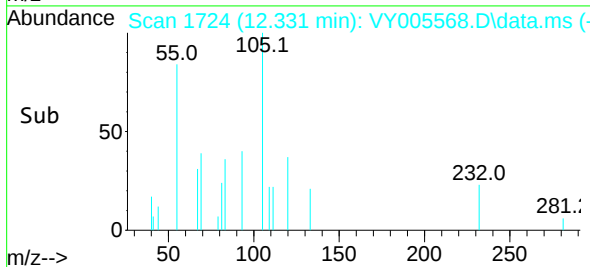
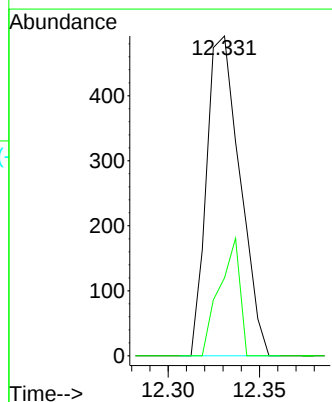
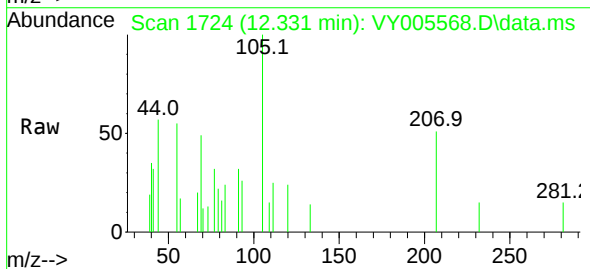
Instrument :
MSVOA_Y
ClientSampleId :

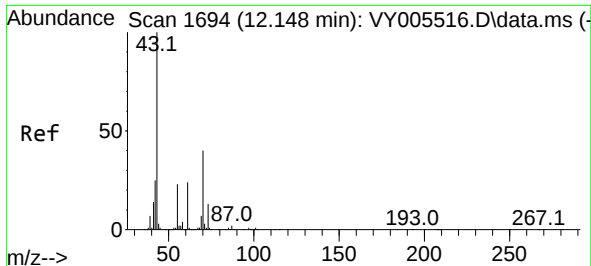
Tgt Ion:152 Resp: 1807
Ion Ratio Lower Upper
152 100
115 51.9 27.3 81.9
150 135.3 0.0 350.2



#73
Isopropylbenzene
Concen: 4.963 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

Tgt Ion:105 Resp: 626
Ion Ratio Lower Upper
105 100
120 22.7 13.7 41.1

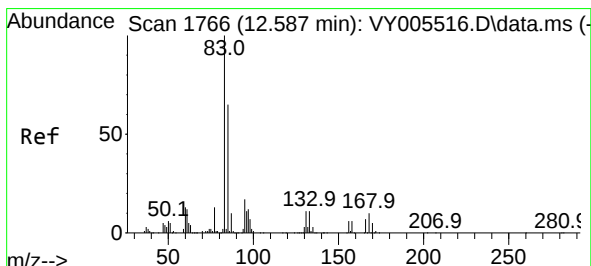
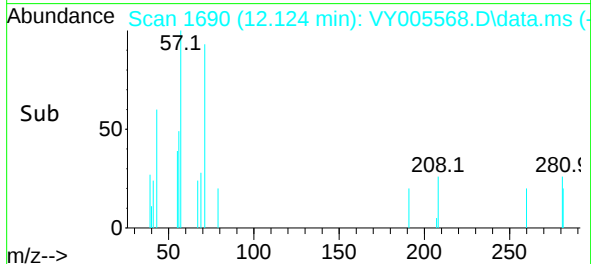
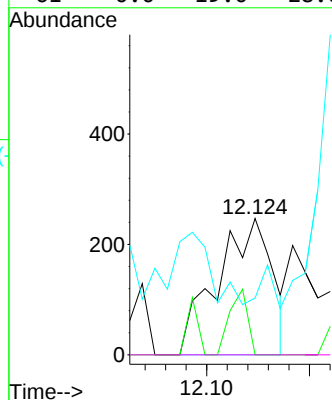
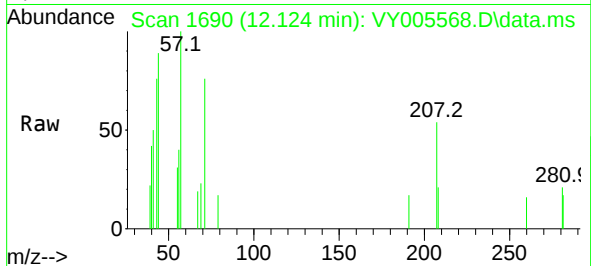




#74
N-amy1 acetate
Concen: 12.089 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.024 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

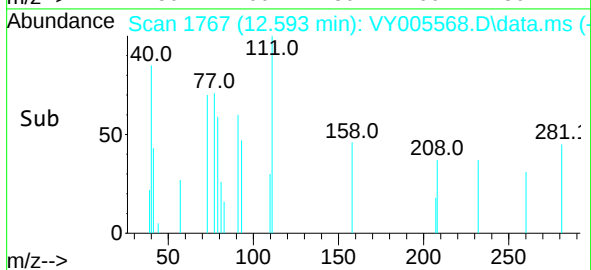
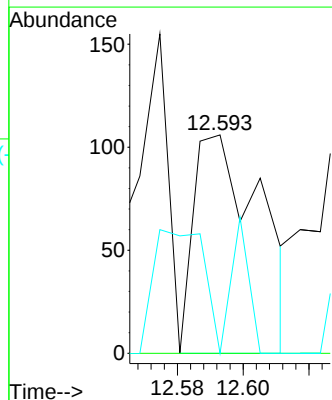
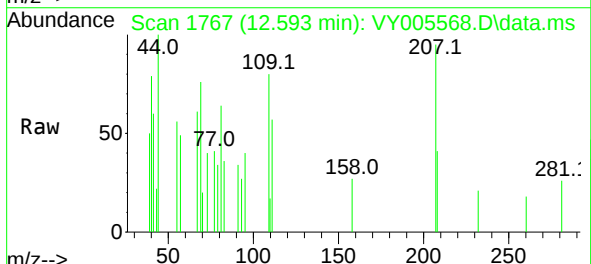
Instrument :
MSVOA_Y
ClientSampled :

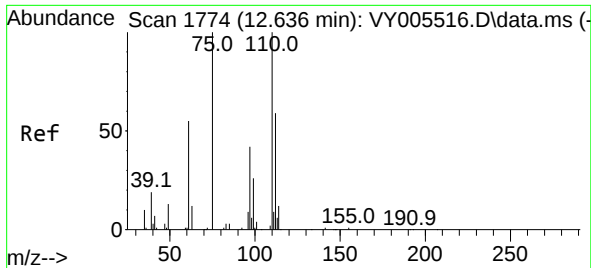
Tgt Ion:	43	Resp:	459
Ion	Ratio	Lower	Upper
43	100		
70	15.9	32.9	49.3#
55	0.0	18.9	28.3#
61	0.0	19.0	28.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 6.183 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

Tgt Ion:	83	Resp:	150
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.6	16.8#
85	42.7	32.0	96.2

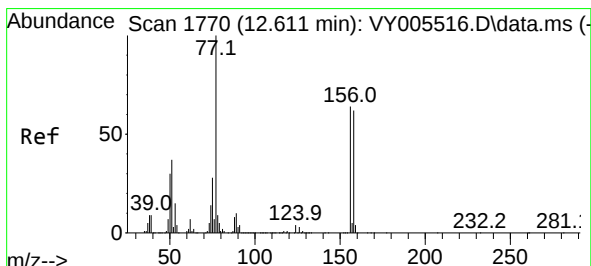
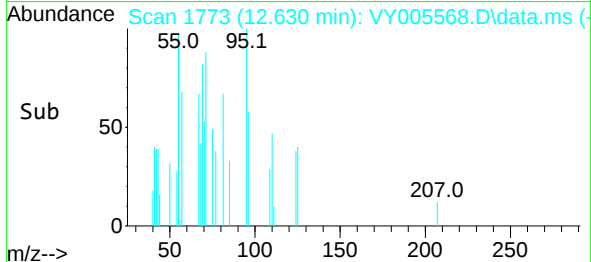
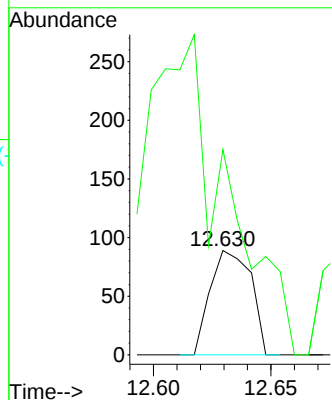
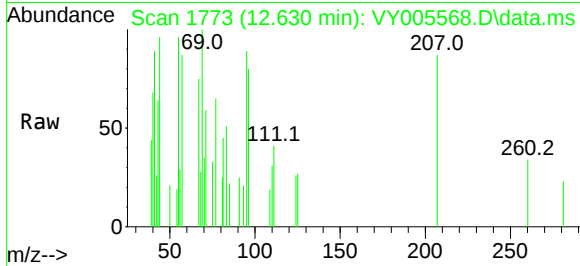




#76
1,2,3-Trichloropropane
Concen: 5.714 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

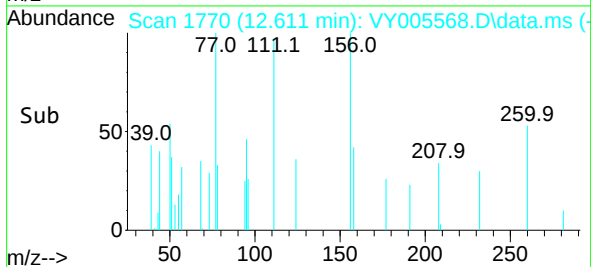
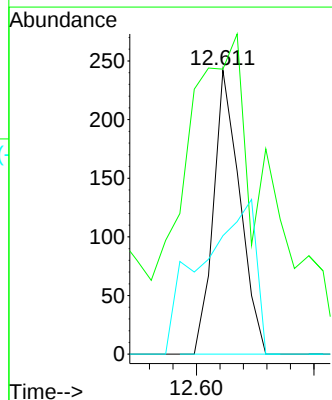
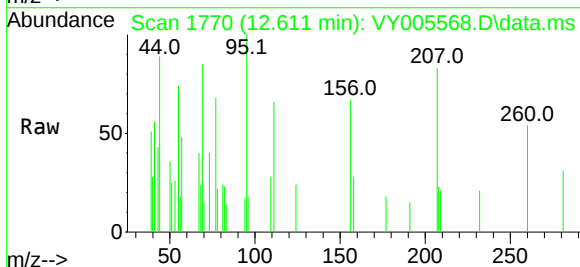
Instrument :
MSVOA_Y
ClientSampleId :

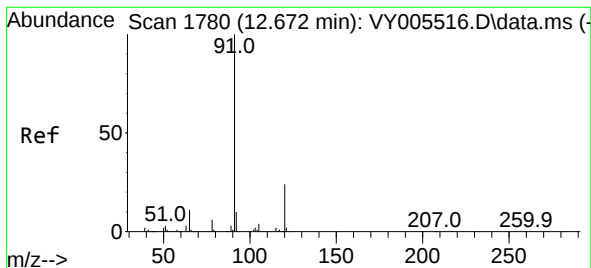
Tgt Ion: 75 Resp: 107
Ion Ratio Lower Upper
75 100
77 620.6 0.0 0.0#



#77
Bromobenzene
Concen: 6.067 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

Tgt Ion: 156 Resp: 188
Ion Ratio Lower Upper
156 100
77 353.2 85.5 256.5#
158 112.2 48.5 145.6

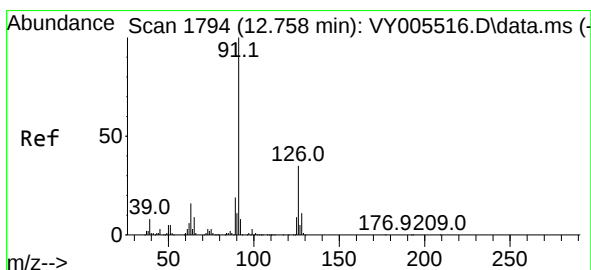
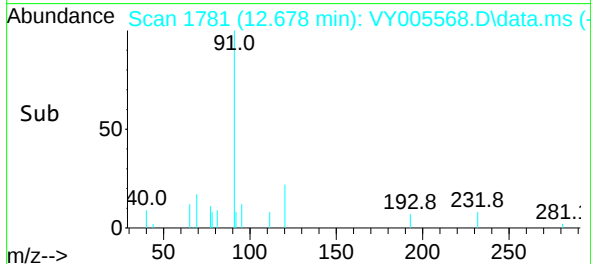
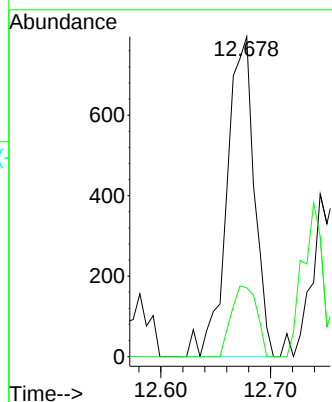
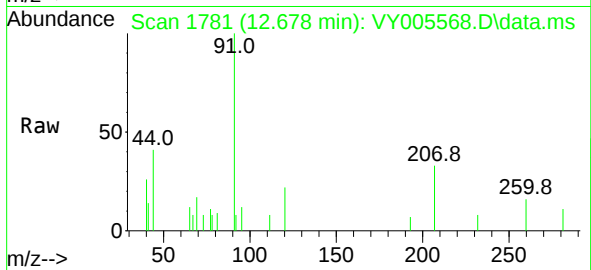




#78
n-propylbenzene
Concen: 9.218 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

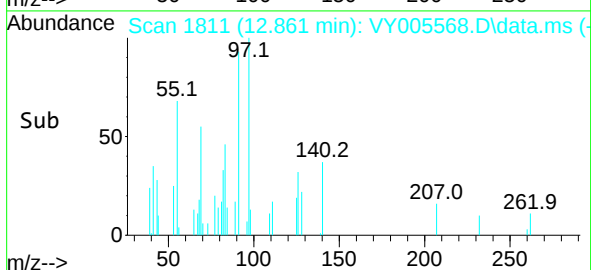
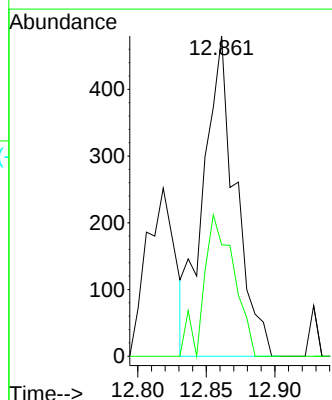
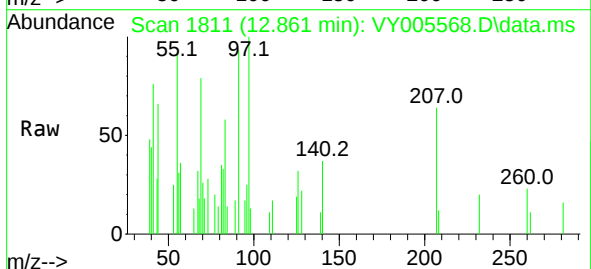
Instrument :
MSVOA_Y
ClientSampled :

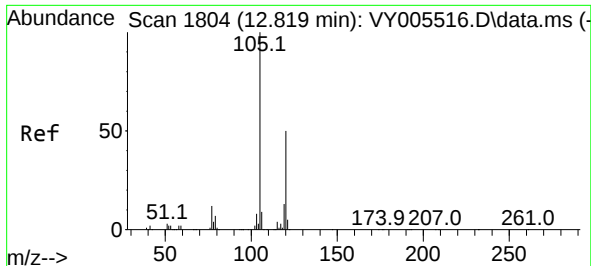
Tgt Ion: 91 Resp: 1381
Ion Ratio Lower Upper
91 100
120 20.5 11.9 35.9



#79
2-Chlorotoluene
Concen: 9.332 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.104 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

Tgt Ion: 91 Resp: 785
Ion Ratio Lower Upper
91 100
126 41.5 17.5 52.6

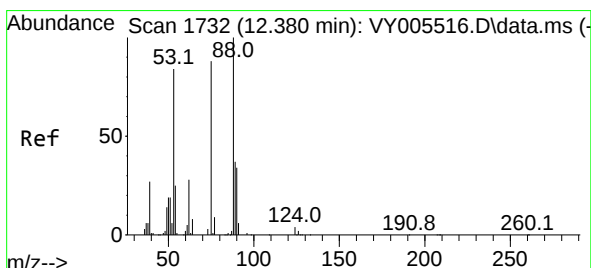
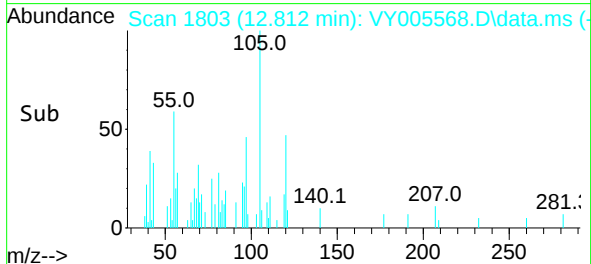
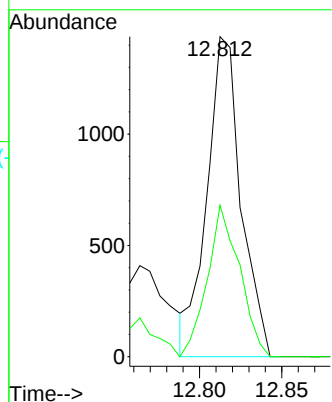
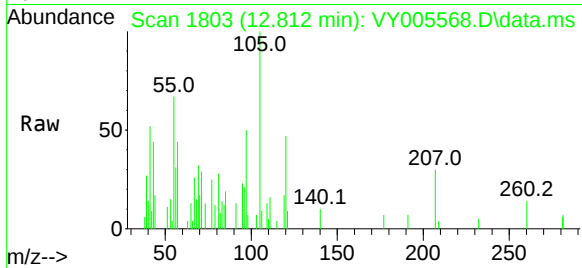




#80
1,3,5-Trimethylbenzene
Concen: 19.756 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

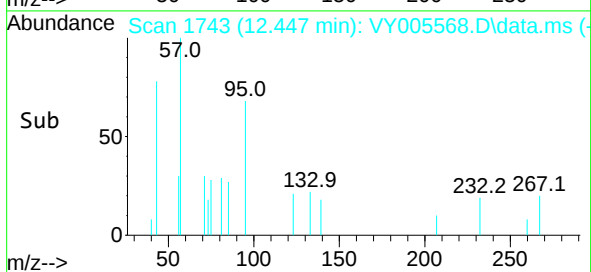
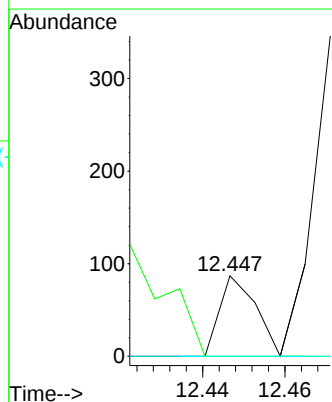
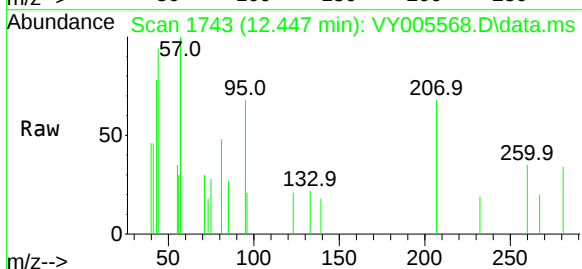
Instrument :
MSVOA_Y
ClientSampleId :

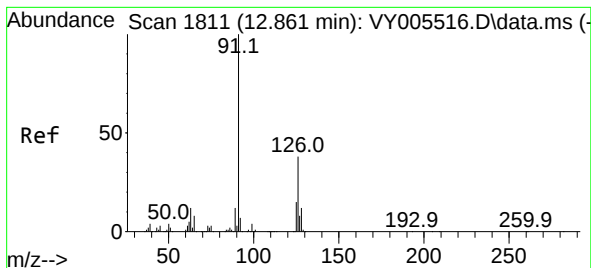
Tgt Ion:105 Resp: 2068
Ion Ratio Lower Upper
105 100
120 44.8 25.0 75.0



#81
trans-1,4-Dichloro-2-butene
Concen: 5.706 ug/l
RT: 12.447 min Scan# 1743
Delta R.T. 0.067 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

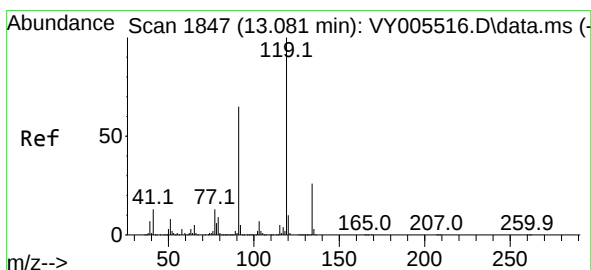
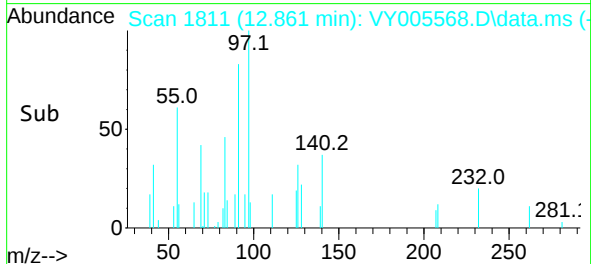
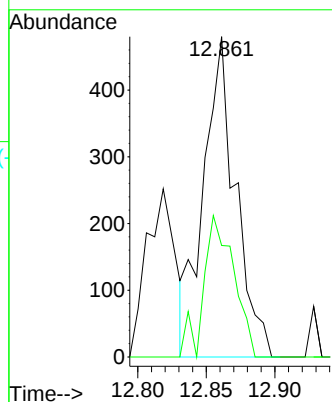
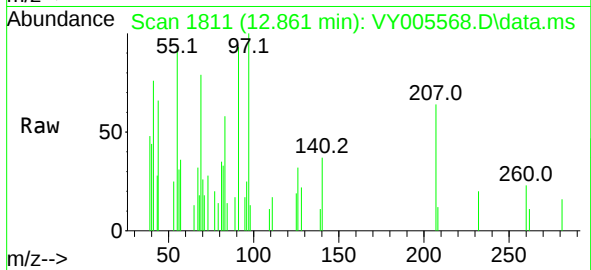




#82
4-Chlorotoluene
Concen: 9.019 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

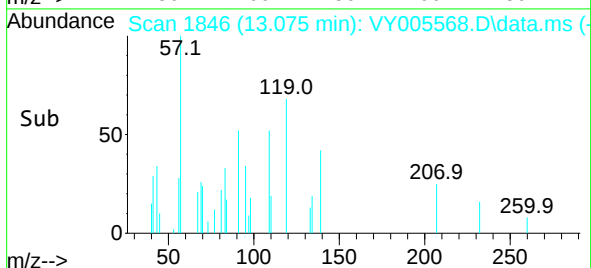
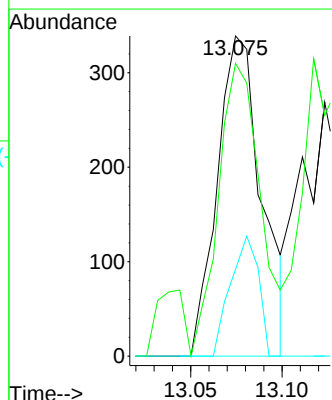
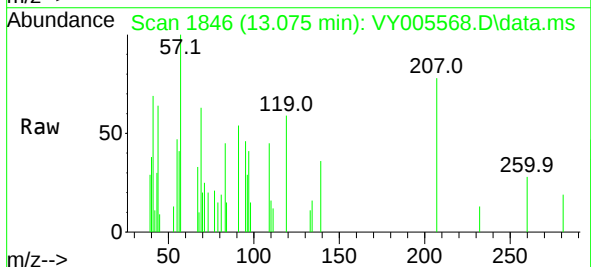
Instrument :
MSVOA_Y
ClientSampleId :

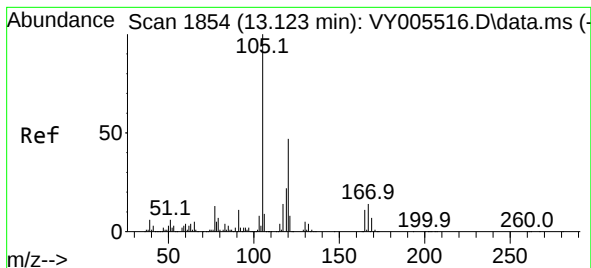
Tgt Ion: 91 Resp: 785
Ion Ratio Lower Upper
91 100
126 41.5 17.5 52.5



#83
tert-Butylbenzene
Concen: 6.100 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

Tgt Ion: 119 Resp: 573
Ion Ratio Lower Upper
119 100
91 86.7 31.9 95.9
134 23.7 13.4 40.2





#84

1,2,4-Trimethylbenzene

Concen: 32.027 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY005568.D

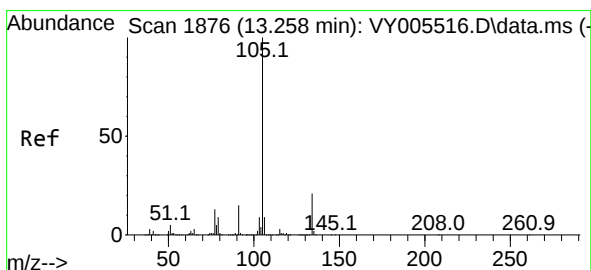
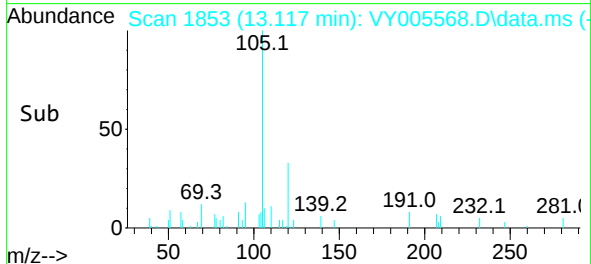
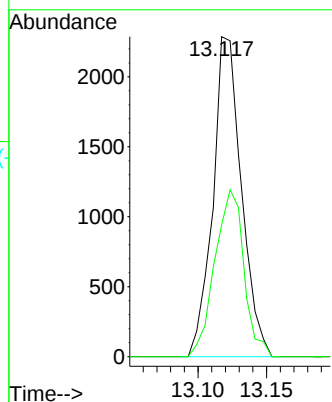
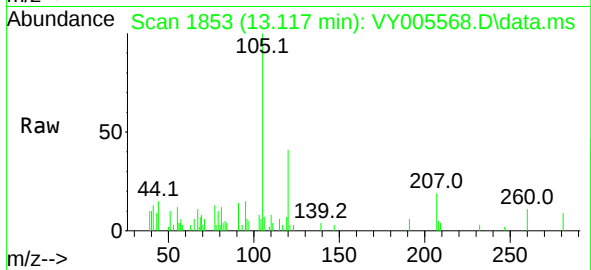
Acq: 06 Aug 2021 13:09

Tgt Ion:105 Resp: 3308

Ion Ratio Lower Upper

105 100

120 53.1 22.9 68.5



#85

sec-Butylbenzene

Concen: 8.953 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY005568.D

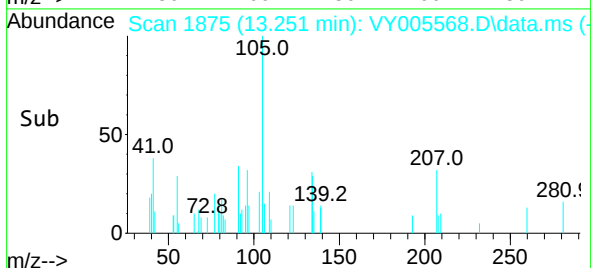
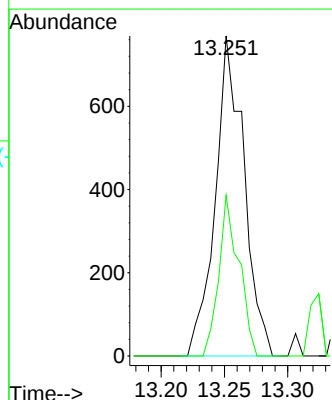
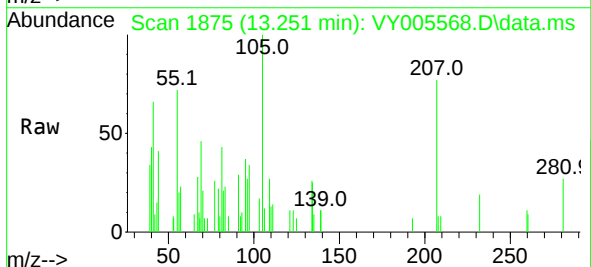
Acq: 06 Aug 2021 13:09

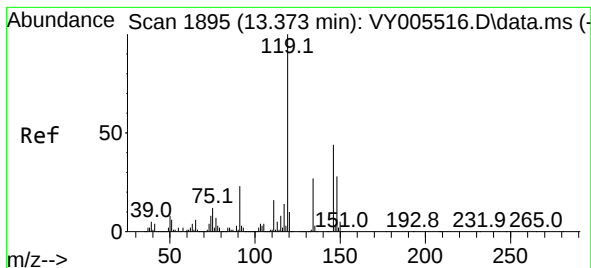
Tgt Ion:105 Resp: 1213

Ion Ratio Lower Upper

105 100

134 35.0 10.5 31.5#

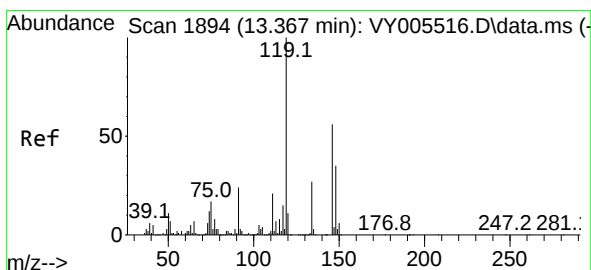
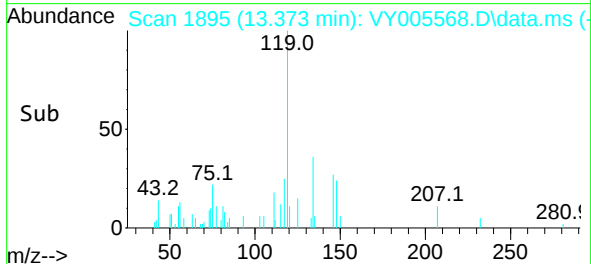
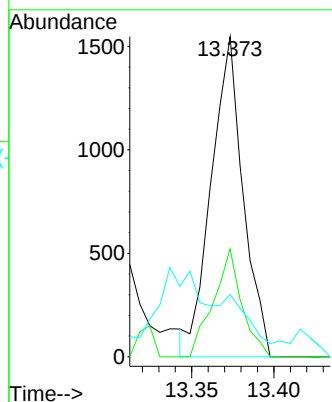
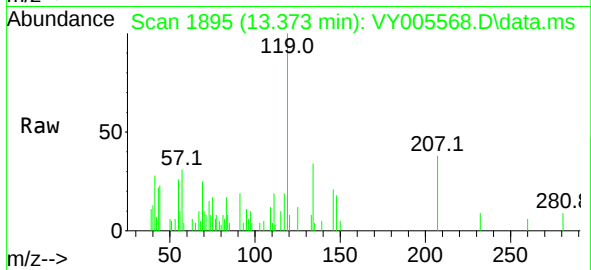




#86
p-Isopropyltoluene
Concen: 17.865 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

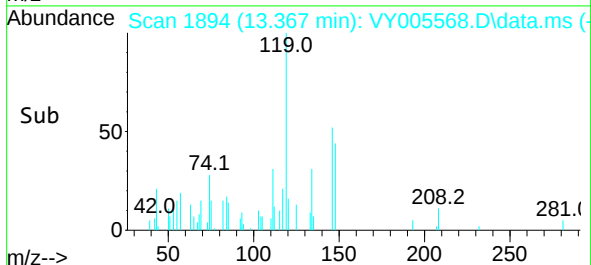
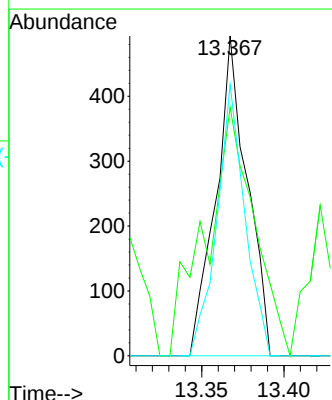
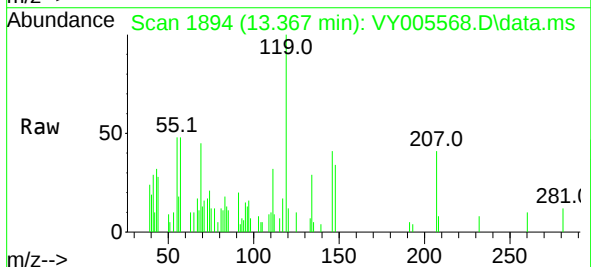
Instrument :
MSVOA_Y
ClientSampleId :

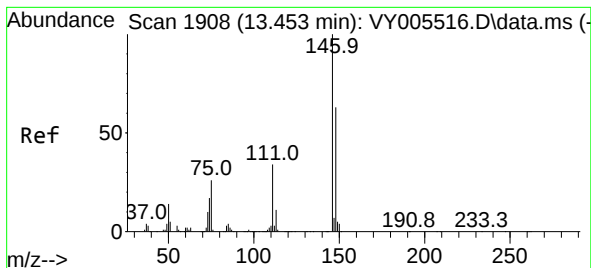
Tgt Ion:119 Resp: 2078
Ion Ratio Lower Upper
119 100
134 30.2 13.6 40.7
91 0.0 11.6 34.7#



#87
1,3-Dichlorobenzene
Concen: 10.799 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

Tgt Ion:146 Resp: 653
Ion Ratio Lower Upper
146 100
111 119.3 18.6 56.0#
148 76.0 31.7 95.1





#88

1,4-Dichlorobenzene

Concen: 11.003 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY005568.D

Acq: 06 Aug 2021 13:09

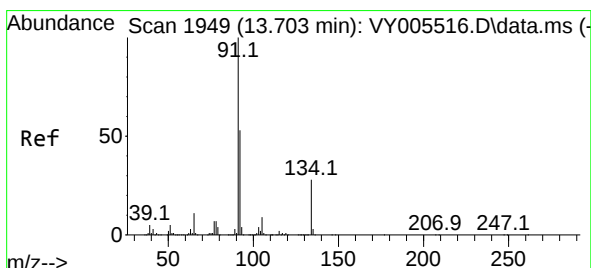
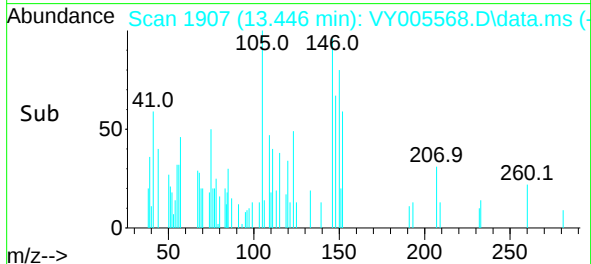
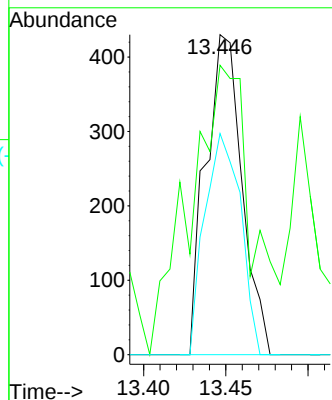
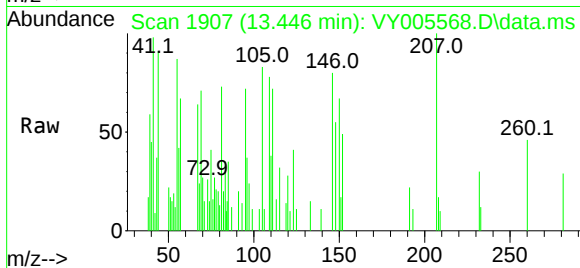
Tgt Ion:146 Resp: 660

Ion Ratio Lower Upper

146 100

111 153.8 18.1 54.3#

148 68.2 31.8 95.3



#89

n-Butylbenzene

Concen: 16.901 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY005568.D

Acq: 06 Aug 2021 13:09

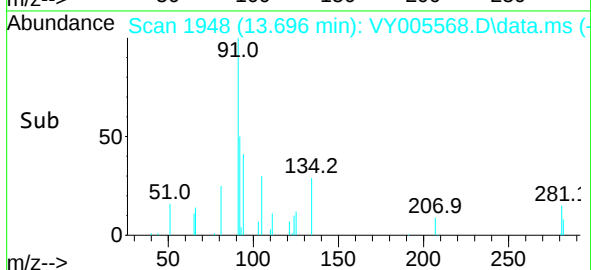
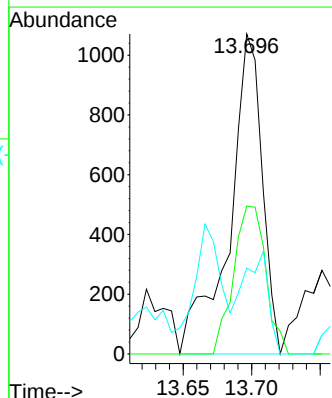
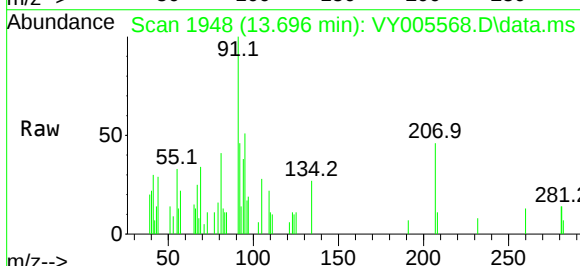
Tgt Ion: 91 Resp: 1781

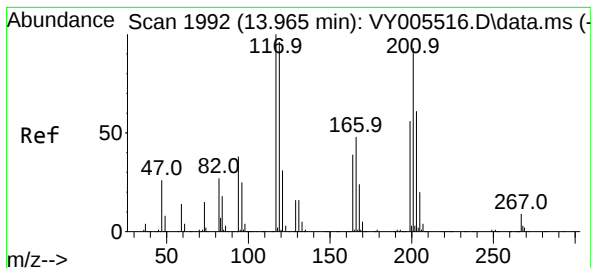
Ion Ratio Lower Upper

91 100

92 45.5 26.7 80.1

134 24.9 13.8 41.4





#90

Hexachloroethane

Concen: 6.599 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY005568.D

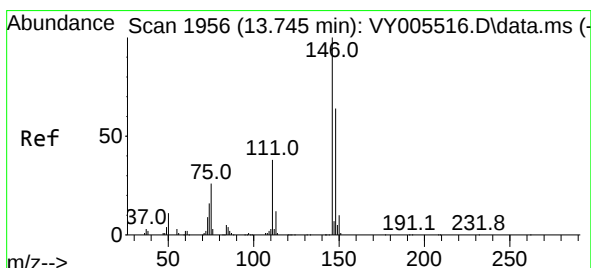
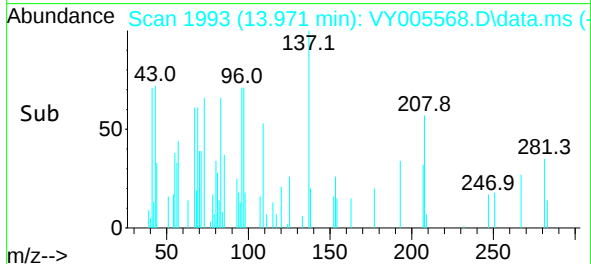
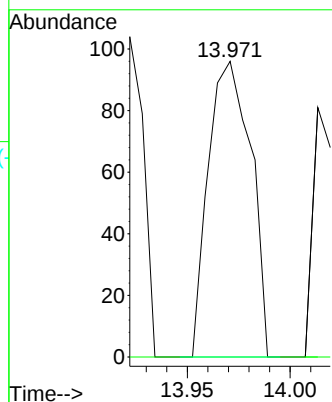
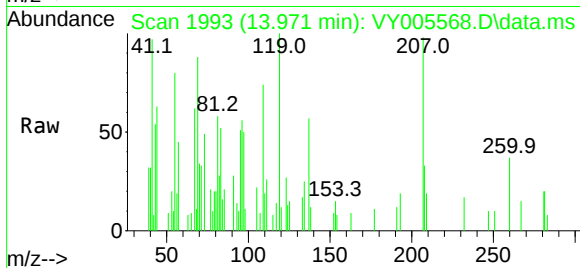
Acq: 06 Aug 2021 13:09

Tgt Ion:117 Resp: 138

Ion Ratio Lower Upper

117 100

201 0.0 46.7 140.1#



#91

1,2-Dichlorobenzene

Concen: 12.114 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY005568.D

Acq: 06 Aug 2021 13:09

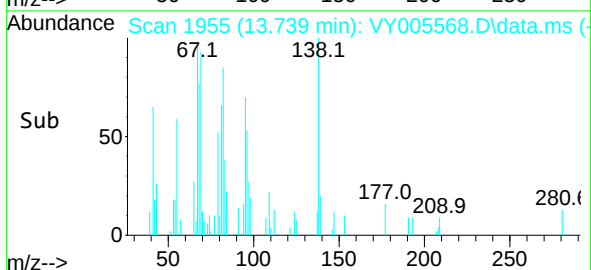
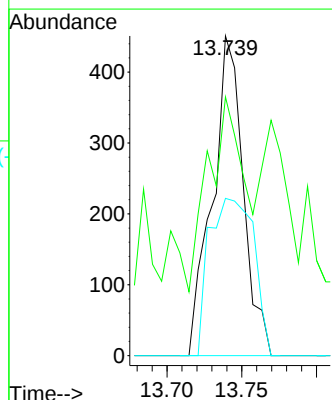
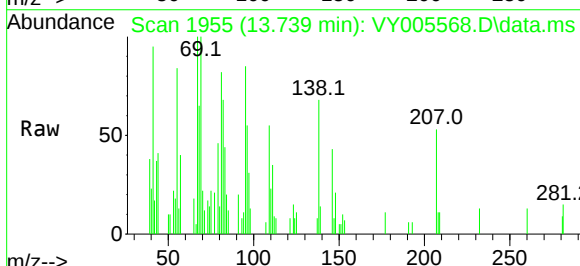
Tgt Ion:146 Resp: 647

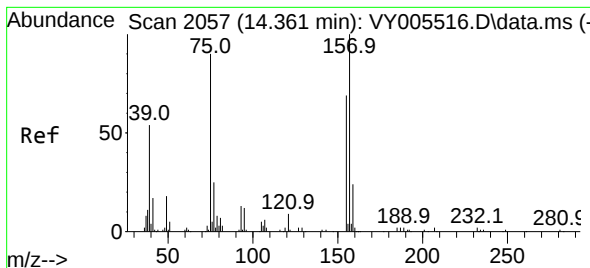
Ion Ratio Lower Upper

146 100

111 69.2 19.4 58.2#

148 71.3 31.9 95.5

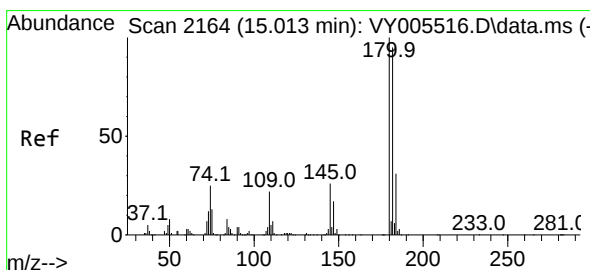
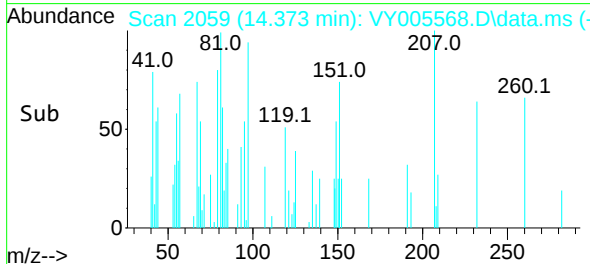
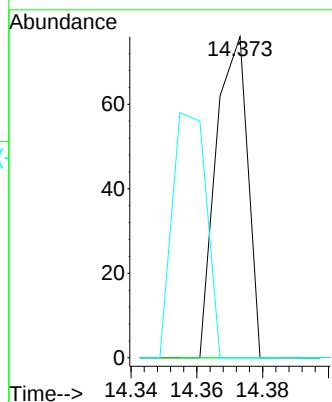
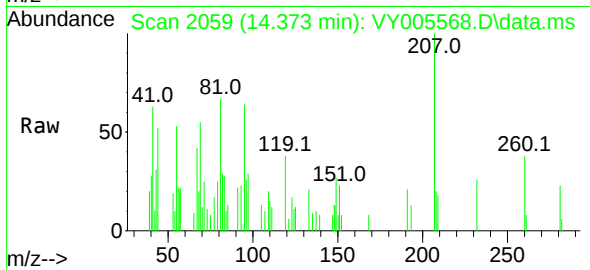




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.872 ug/l
 RT: 14.373 min Scan# 2059
 Delta R.T. 0.012 min
 Lab File: VY005568.D
 Acq: 06 Aug 2021 13:09

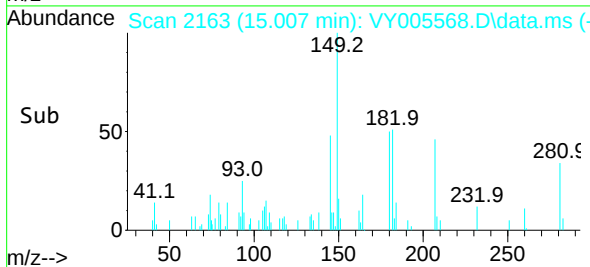
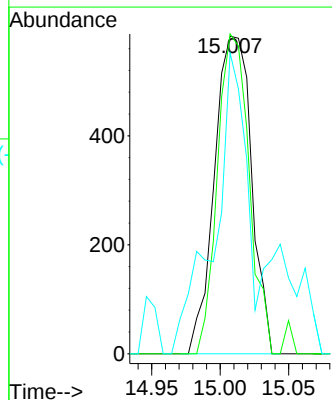
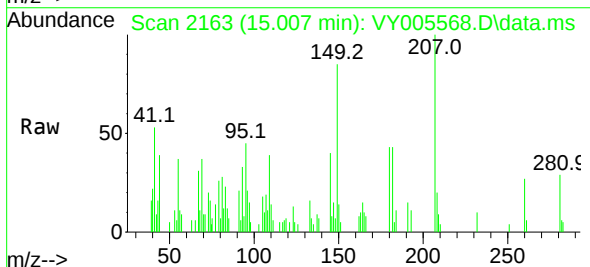
Instrument :
 MSVOA_Y
 ClientSampled :

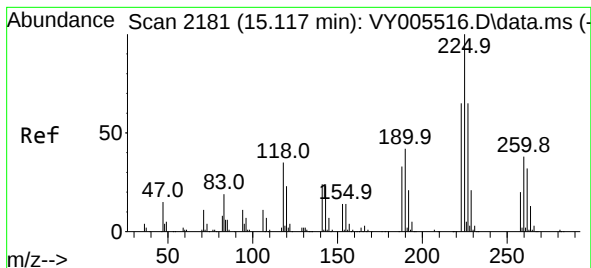
Tgt Ion: 75 Resp: 50
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.4 127.1#
 157 84.0 56.0 168.2



#93
 1,2,4-Trichlorobenzene
 Concen: 29.845 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. -0.006 min
 Lab File: VY005568.D
 Acq: 06 Aug 2021 13:09

Tgt Ion: 180 Resp: 1095
 Ion Ratio Lower Upper
 180 100
 182 86.0 47.8 143.4
 145 86.6 14.0 42.0#

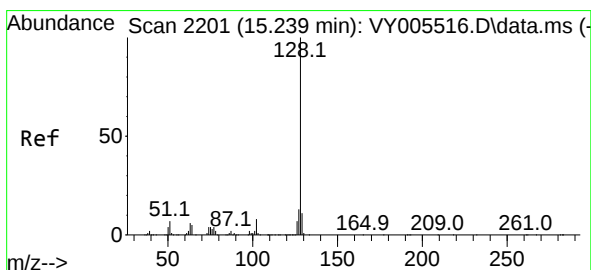
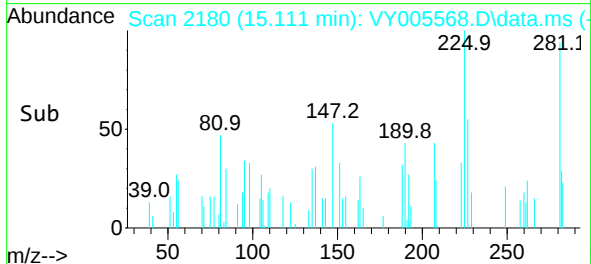
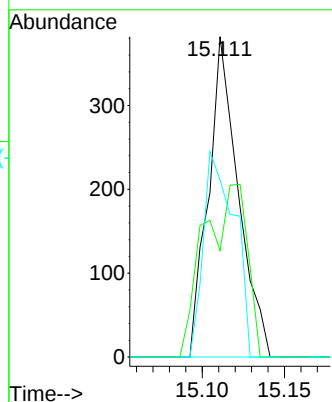
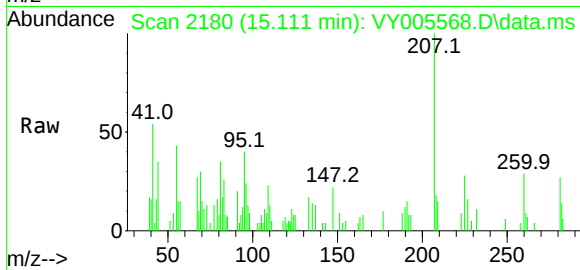




#94
Hexachlorobutadiene
Concen: 20.290 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.006 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

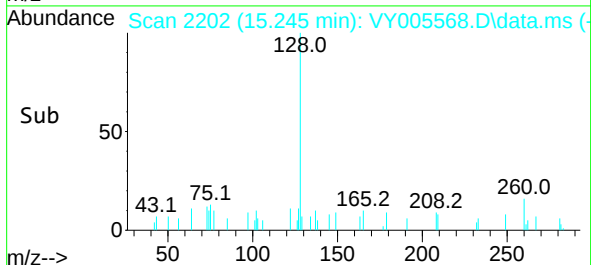
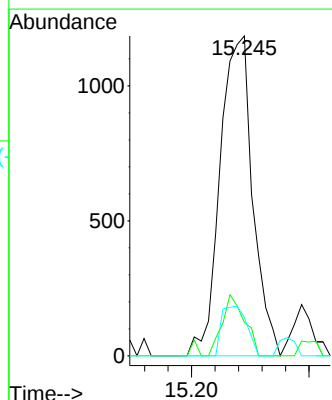
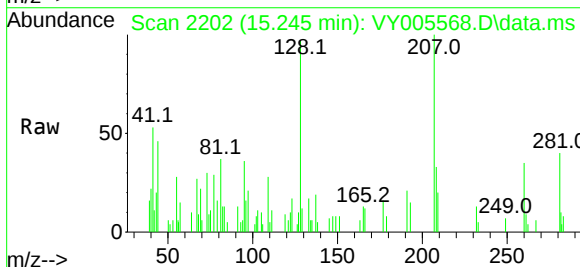
Instrument :
MSVOA_Y
ClientSampled :

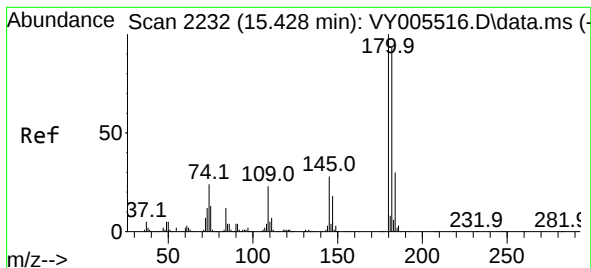
Tgt Ion:225 Resp: 482
Ion Ratio Lower Upper
225 100
223 77.4 31.4 94.0
227 66.8 32.2 96.6



#95
Naphthalene
Concen: 31.690 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY005568.D
Acq: 06 Aug 2021 13:09

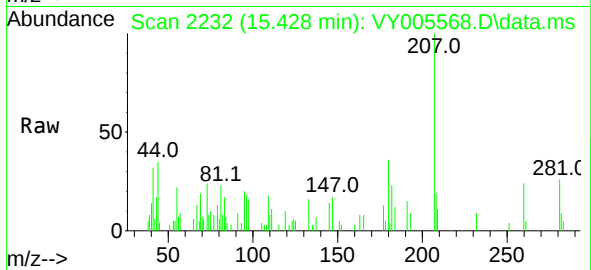
Tgt Ion:128 Resp: 2292
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 12.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 49.316 ug/l
 RT: 15.428 min Scan# 2232
 Delta R.T. -0.000 min
 Lab File: VY005568.D
 Acq: 06 Aug 2021 13:09

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	1603
Ion	Ratio	Lower	Upper
180	100		
182	65.1	47.9	143.6
145	27.0	14.6	44.0

