

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004134.D
 Acq On : 19 Mar 2021 13:15
 Operator : SY/MD
 Sample : M1723-03
 Misc : 13.26g/5mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO124027

Quant Time: Mar 20 03:13:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	61972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	94267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	48607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9098	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	32632	53.36	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.72%
35) Dibromofluoromethane	7.728	113	30428	57.24	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.48%
50) Toluene-d8	10.185	98	96894	46.49	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.98%
62) 4-Bromofluorobenzene	12.483	95	13196	17.14	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	34.28%

Target Compounds						Qvalue
3) Chloromethane	2.125	50	273	Below Cal	#	43
11) Tert butyl alcohol	4.966	59	9877	178.63	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	756	1.39	ug/l #	49
15) Acrylonitrile	5.277	53	369	2.33	ug/l #	32
16) Acetone	3.960	43	192374	1303.19	ug/l	90
18) Methyl Acetate	4.491	43	11323	31.05	ug/l	100
19) Methyl tert-butyl Ether	5.247	73	7234	4.66	ug/l #	1
20) Methylene Chloride	4.735	84	20732	33.23	ug/l	93
22) Diisopropyl ether	6.131	45	2120	1.11	ug/l #	82
25) 2-Butanone	6.996	43	22089	103.80	ug/l	93
28) Bromochloromethane	7.521	49	751	1.63	ug/l #	15
29) Tetrahydrofuran	7.362	42	10725	77.58	ug/l	88
30) Chloroform	7.521	83	8386	7.66	ug/l	93
31) Cyclohexane	7.789	56	13356	12.45	ug/l	95
37) Ethyl Acetate	6.996	43	22089	49.51	ug/l #	71
38) Carbon Tetrachloride	7.801	117	6115	6.96	ug/l #	19
39) Methylcyclohexane	9.191	83	31525	29.47	ug/l	90
40) Benzene	8.173	78	55708	23.88	ug/l	95
41) Methacrylonitrile	7.362	41	6931	25.07	ug/l #	42
43) Isopropyl Acetate	8.283	43	5886	6.57	ug/l #	71
44) Trichloroethene	8.947	130	37779	55.92	ug/l	97
48) Methyl methacrylate	9.301	41	11668	27.43	ug/l	87
51) 4-Methyl-2-Pentanone	10.075	43	195746	431.79	ug/l	98
52) Toluene	10.252	92	2446715	1619.41	ug/l	95
53) t-1,3-Dichloropropene	10.252	75	29593	33.74	ug/l #	1
55) 1,1,2-Trichloroethane	10.624	97	18555	39.62	ug/l #	23
56) Ethyl methacrylate	10.514	69	33498	51.17	ug/l #	95
58) 2-Chloroethyl Vinyl ether	9.715	63	52	Below Cal	#	47
59) 2-Hexanone	10.807	43	4363	13.70	ug/l #	28
60) Dibromochloromethane	10.721	129	21745	36.98	ug/l #	10
64) Tetrachloroethene	10.727	164	24475	60.15	ug/l	96
65) Chlorobenzene	11.520	112	10630	11.41	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.550	131	8381	24.05	ug/l #	54
67) Ethyl Benzene	11.599	91	1459323	853.26	ug/l	96
68) m/p-Xylenes	11.703	106	1497919	2296.68	ug/l	95
69) o-Xylene	12.032	106	336473	545.74	ug/l	95

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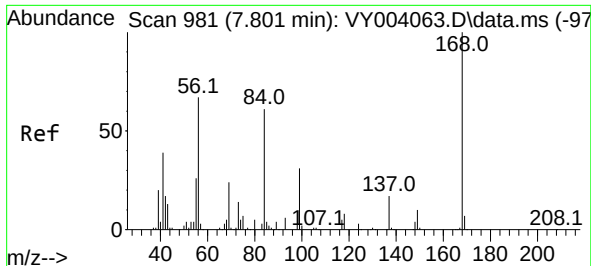
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

70) Styrene	12.044	104	136241	129.04	ug/l #	70
71) Bromoform	12.215	173	625	3.00	ug/l #	79
73) Isopropylbenzene	12.331	105	40405	63.90	ug/l	98
74) N-amyl acetate	12.105	43	30979	171.06	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.648	83	1441	13.12	ug/l #	70
76) 1,2,3-Trichloropropane	12.672	75	610	6.99	ug/l #	100
78) n-propylbenzene	12.672	91	65651	88.13	ug/l	97
79) 2-Chlorotoluene	12.739	91	20888	49.95	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.812	105	39689	74.01	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.331	75	1053	23.82	ug/l #	92
82) 4-Chlorotoluene	12.818	91	4397	9.93	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.123	105	75478	140.53	ug/l	97
85) sec-Butylbenzene	13.257	105	4096	6.44	ug/l	79
86) p-Isopropyltoluene	13.373	119	6819	11.56	ug/l	97
88) 1,4-Dichlorobenzene	13.452	146	443	1.57	ug/l #	13
89) n-Butylbenzene	13.702	91	1923	3.43	ug/l #	76
90) Hexachloroethane	13.971	117	381	3.59	ug/l #	4
91) 1,2-Dichlorobenzene	13.739	146	293	1.17	ug/l #	69
92) 1,2-Dibromo-3-Chloropr...	14.318	75	43	2.07	ug/l #	2
93) 1,2,4-Trichlorobenzene	15.007	180	322	1.90	ug/l	94
95) Naphthalene	15.239	128	825	2.45	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.428	180	311	2.18	ug/l	90

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

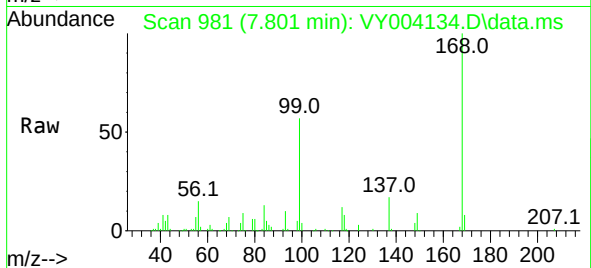
Quant Time: Mar 20 03:13:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
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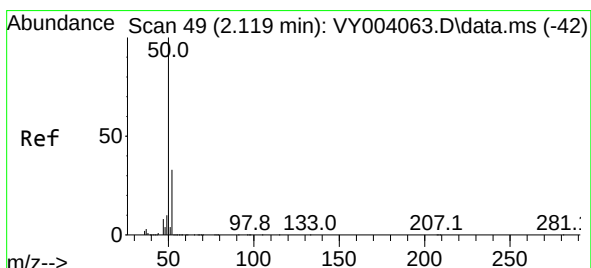
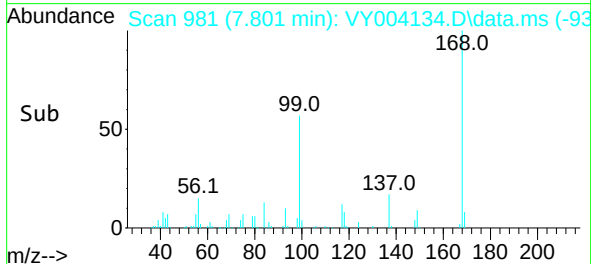
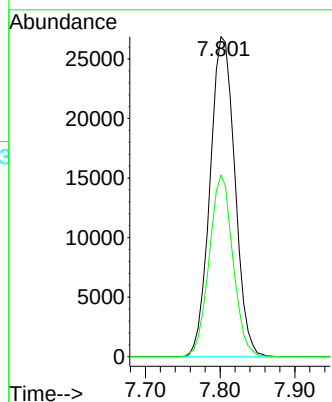


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

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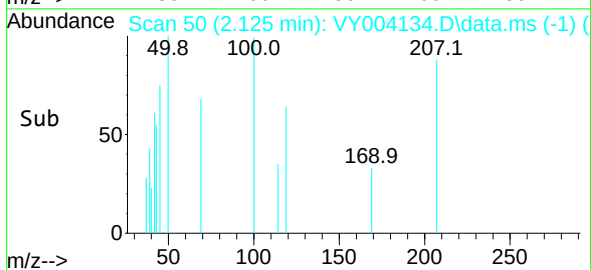
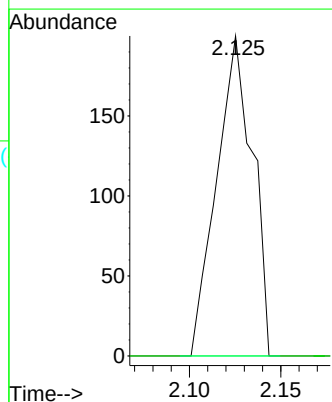
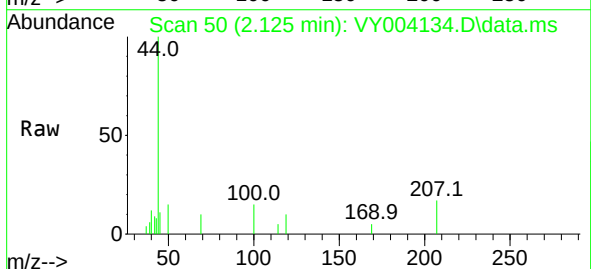


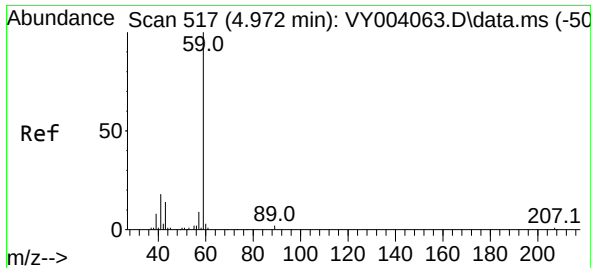
Tgt Ion:168 Resp: 61972
Ion Ratio Lower Upper
168 100
99 56.7 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

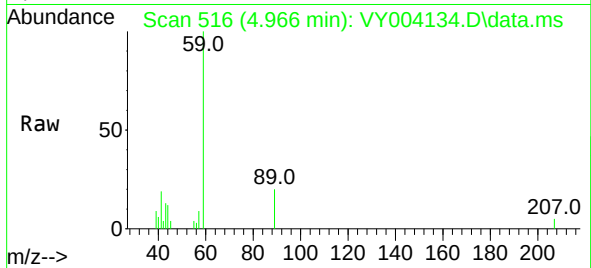
Tgt Ion: 50 Resp: 273
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



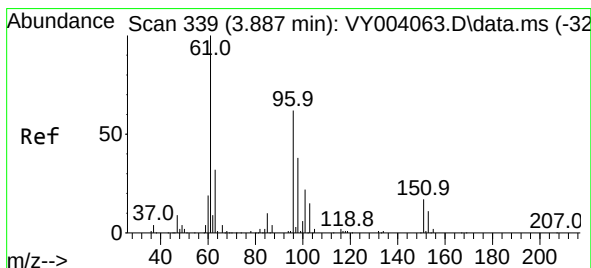
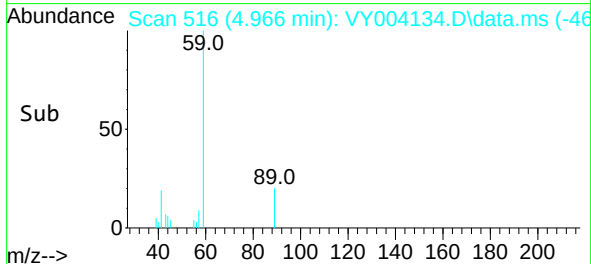
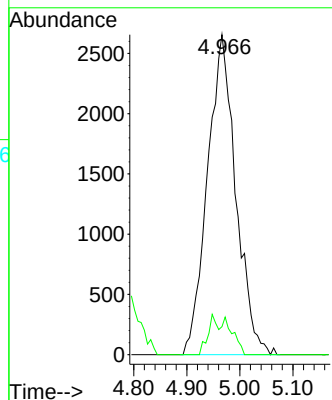


#11
Tert butyl alcohol
Concen: 178.63 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Instrument :
MSVOA_Y
ClientSampleId :
RO124027

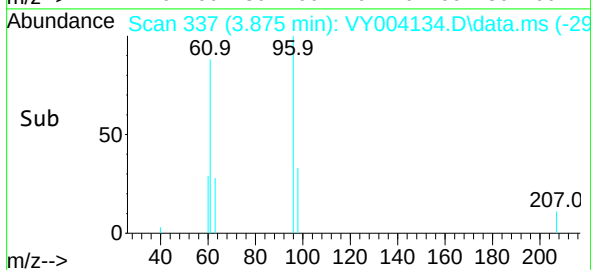
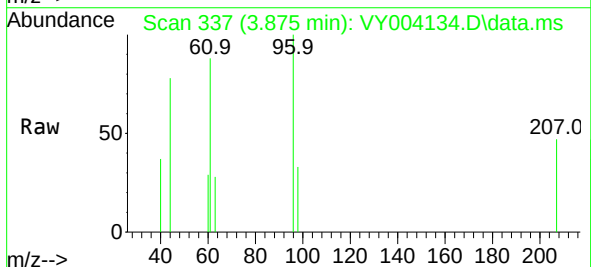
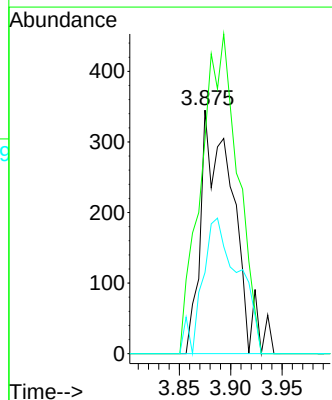


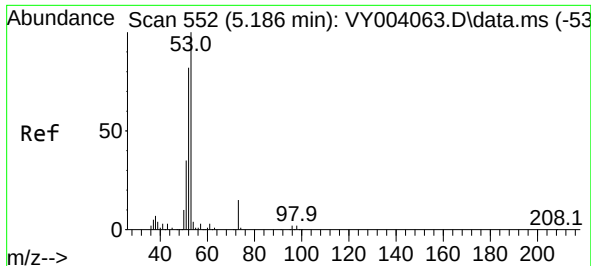
Tgt Ion: 59 Resp: 9877
Ion Ratio Lower Upper
59 100
57 4.4 6.9 10.3#



#12
1,1-Dichloroethene
Concen: 1.39 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.012 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion: 96 Resp: 756
Ion Ratio Lower Upper
96 100
61 88.1 130.7 196.1#
98 33.3 48.9 73.3#

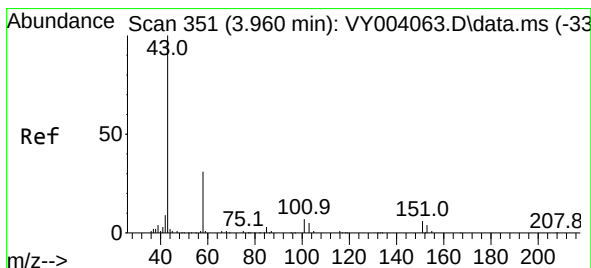
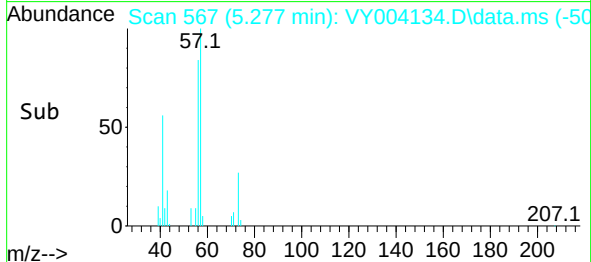
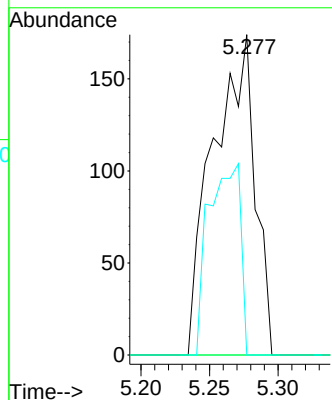
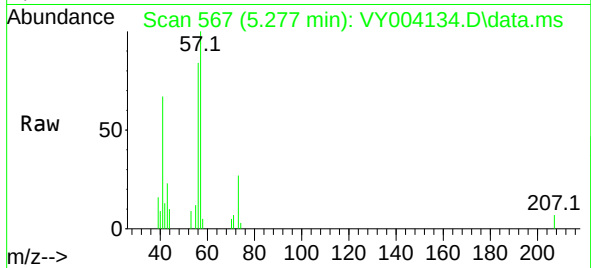




#15
Acrylonitrile
Concen: 2.33 ug/l
RT: 5.277 min Scan# 567
Delta R.T. 0.091 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

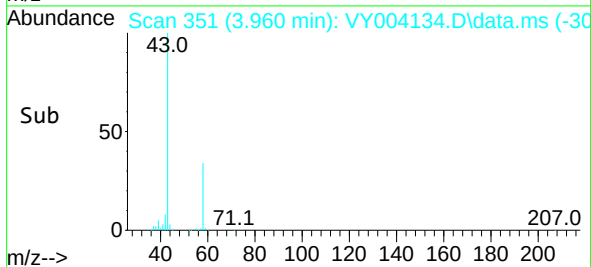
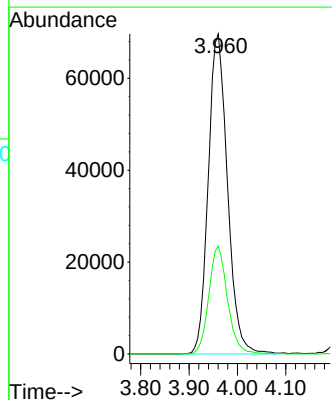
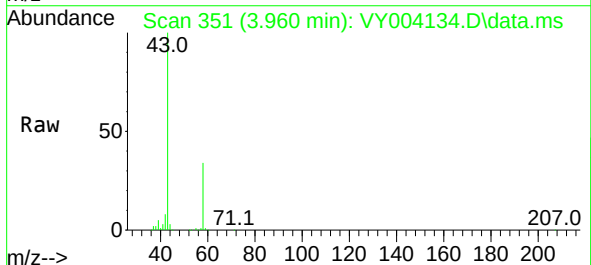
Instrument :
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ClientSampleId :
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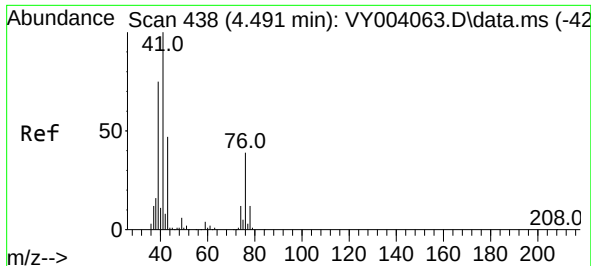
Tgt Ion: 53 Resp: 369
Ion Ratio Lower Upper
53 100
52 0.0 66.2 99.4#
51 45.5 29.5 44.3#



#16
Acetone
Concen: 1303.19 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

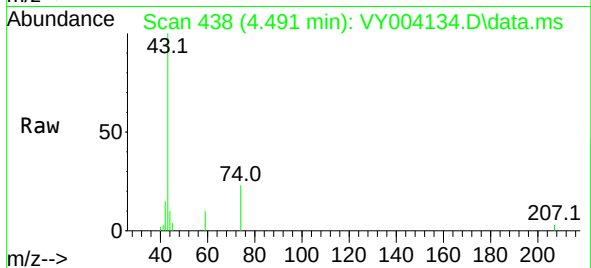
Tgt Ion: 43 Resp: 192374
Ion Ratio Lower Upper
43 100
58 33.8 22.6 34.0



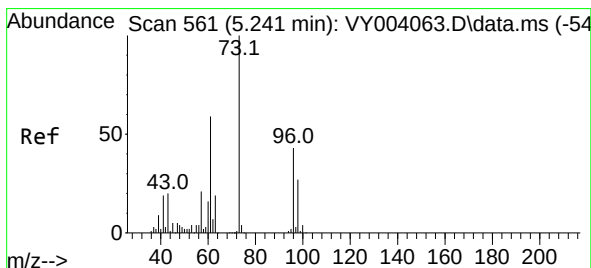
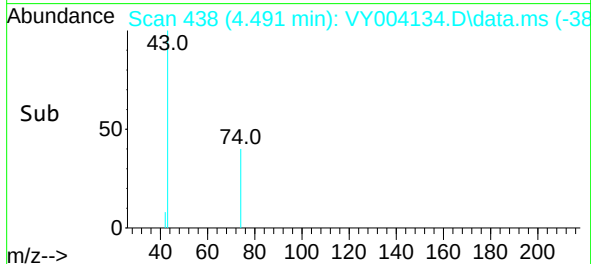
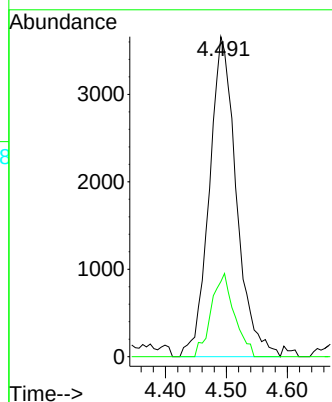


#18
Methyl Acetate
Concen: 31.05 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Instrument :
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ClientSampleId :
RO124027

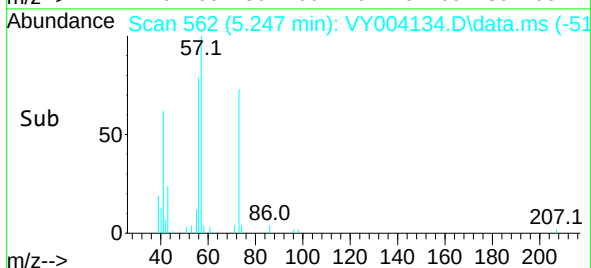
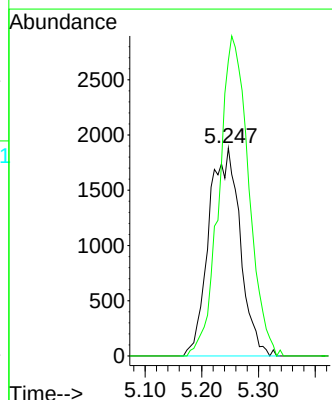
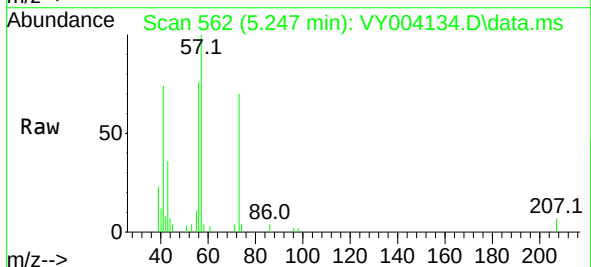


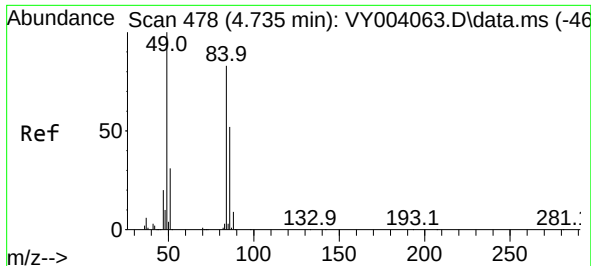
Tgt Ion: 43 Resp: 11323
Ion Ratio Lower Upper
43 100
74 22.2 17.6 26.4



#19
Methyl tert-butyl Ether
Concen: 4.66 ug/l
RT: 5.247 min Scan# 562
Delta R.T. 0.006 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion: 73 Resp: 7234
Ion Ratio Lower Upper
73 100
57 142.0 17.5 26.3#



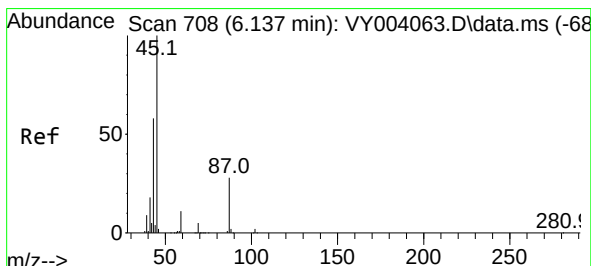
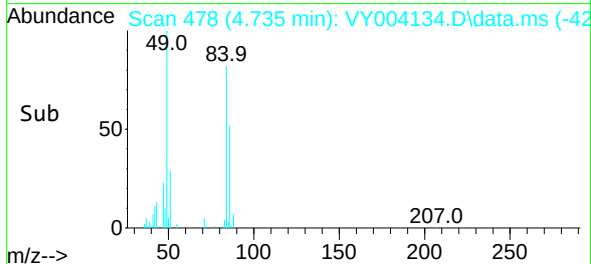
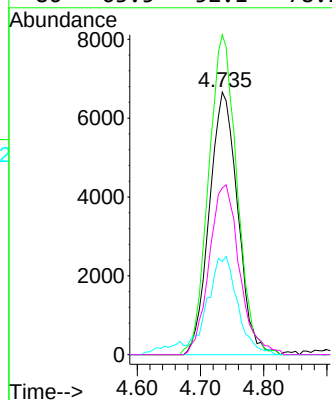
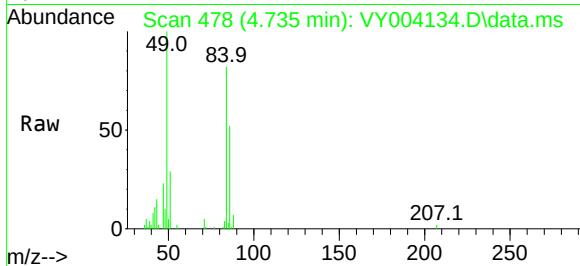


#20
Methylene Chloride
Concen: 33.23 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Instrument :
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Tgt Ion: 84 Resp: 20732

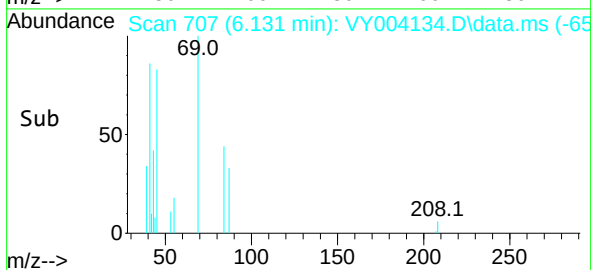
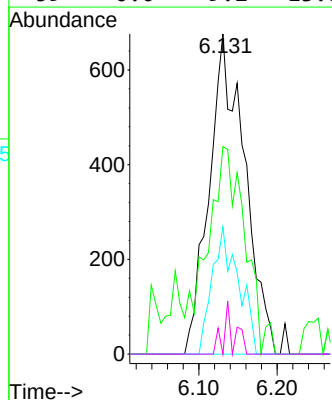
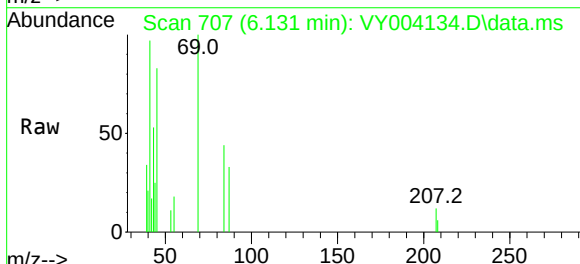
Ion	Ratio	Lower	Upper
84	100		
49	121.9	105.8	158.6
51	35.5	32.6	48.8
86	63.5	52.1	78.1

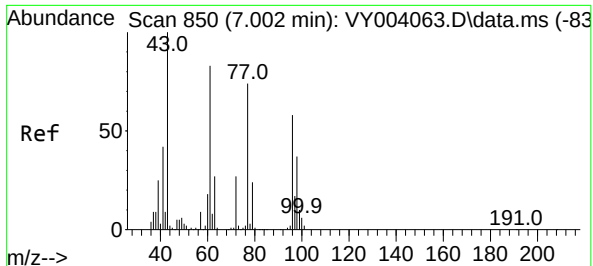


#22
Diisopropyl ether
Concen: 1.11 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion: 45 Resp: 2120

Ion	Ratio	Lower	Upper
45	100		
43	64.8	45.1	67.7
87	39.8	21.0	31.4#
59	0.0	9.2	13.8#

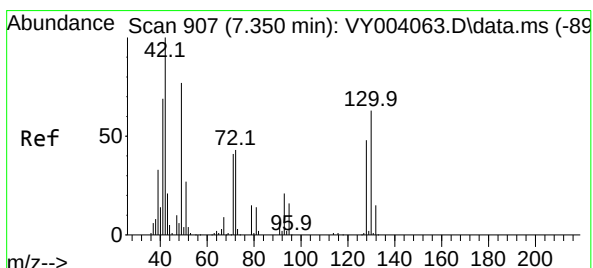
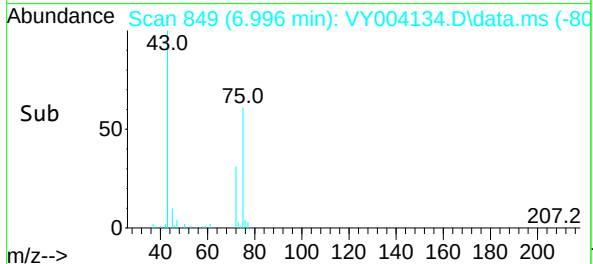
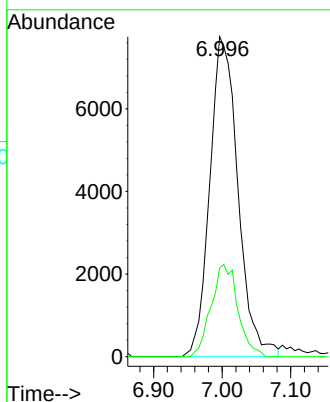
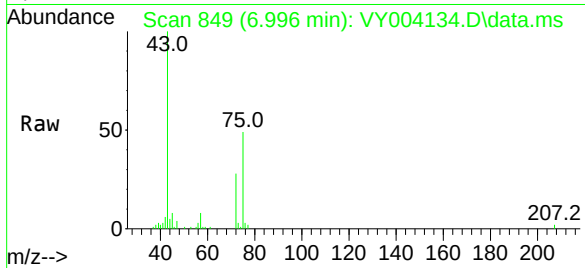




#25
2-Butanone
Concen: 103.80 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

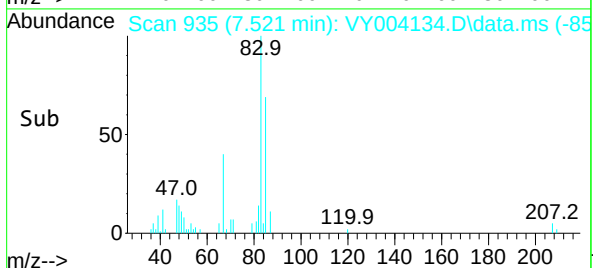
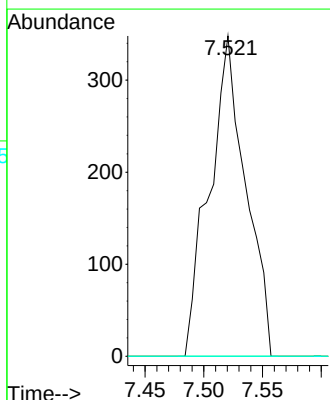
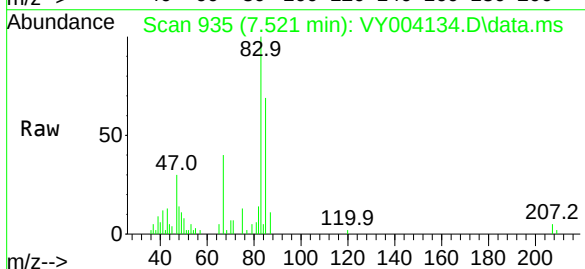
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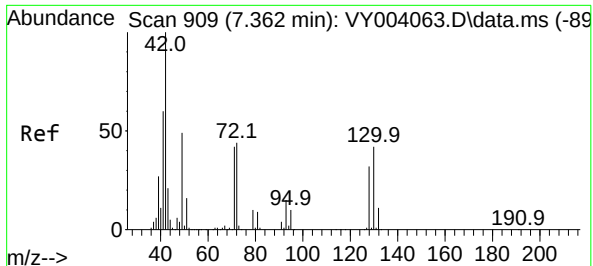
Tgt Ion: 43 Resp: 22089
Ion Ratio Lower Upper
43 100
72 27.8 19.4 29.0



#28
Bromochloromethane
Concen: 1.63 ug/l
RT: 7.521 min Scan# 935
Delta R.T. 0.171 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion: 49 Resp: 751
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 59.0 88.4#





#29

Tetrahydrofuran

Concen: 77.58 ug/l

RT: 7.362 min Scan# 909

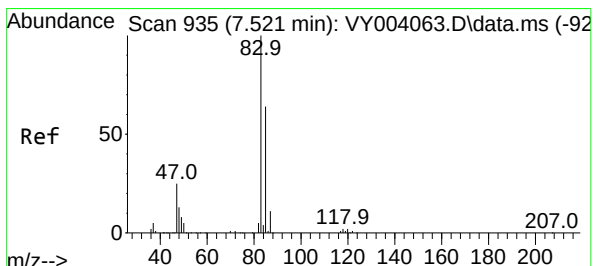
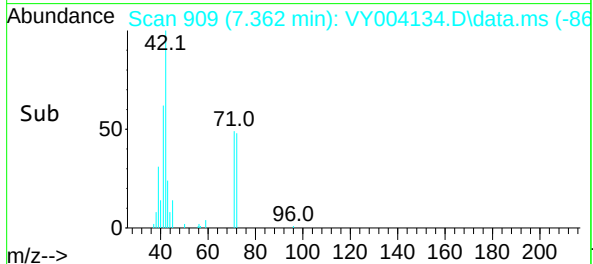
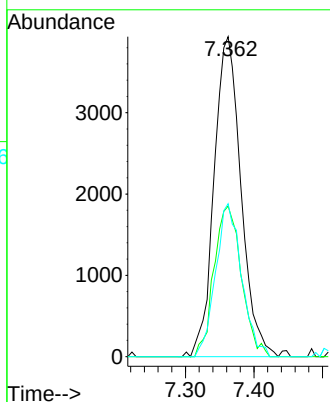
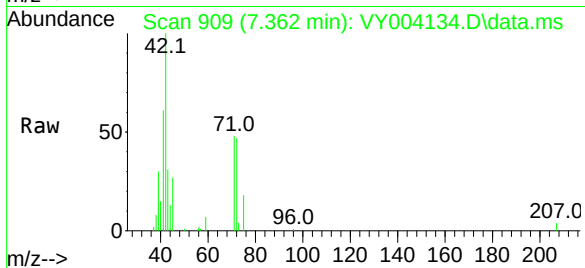
Delta R.T. 0.000 min

Lab File: VY004134.D

Acq: 19 Mar 2021 13:15

Tgt Ion:	42	Resp:	10725
Ion	Ratio	Lower	Upper
42	100		
72	47.9	32.6	48.8
71	46.2	31.0	46.6

Instrument :
MSVOA_Y
ClientSampleId :
RO124027



#30

Chloroform

Concen: 7.66 ug/l

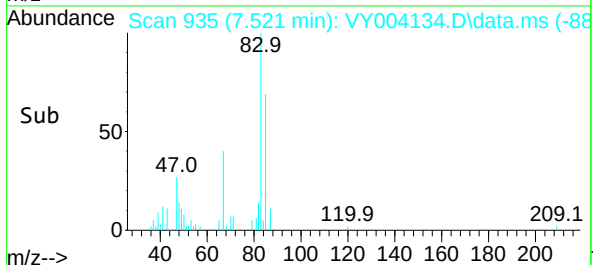
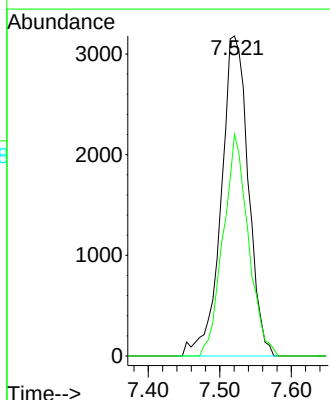
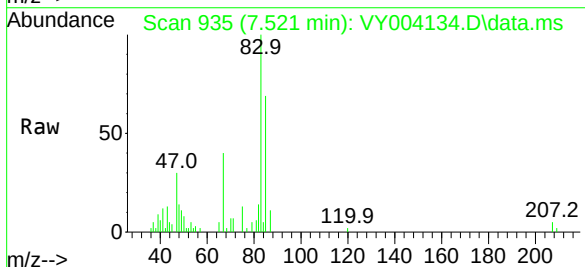
RT: 7.521 min Scan# 935

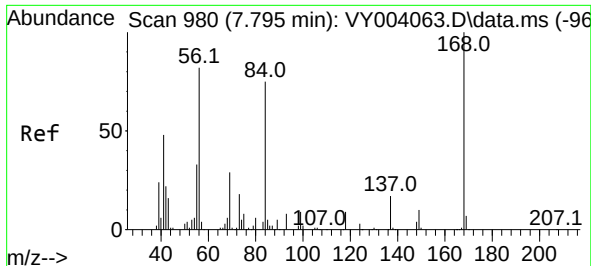
Delta R.T. -0.000 min

Lab File: VY004134.D

Acq: 19 Mar 2021 13:15

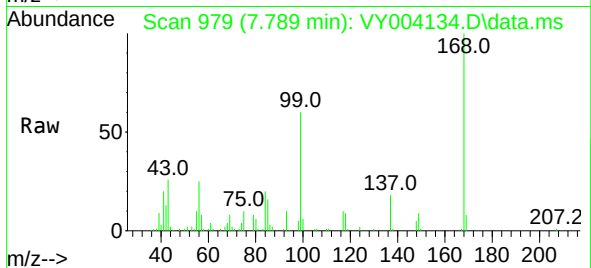
Tgt Ion:	83	Resp:	8386
Ion	Ratio	Lower	Upper
83	100		
85	69.3	51.0	76.6



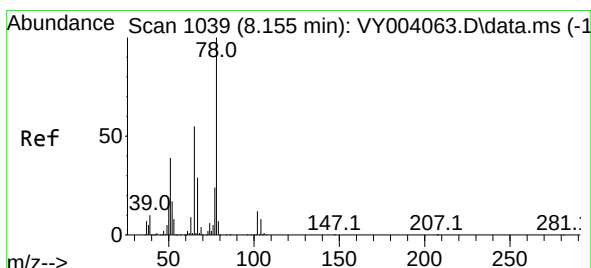
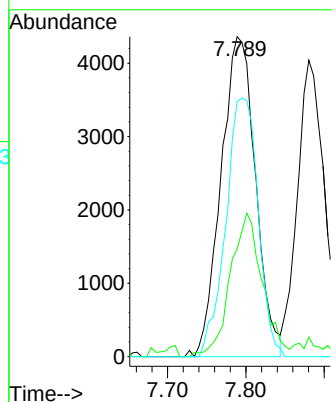
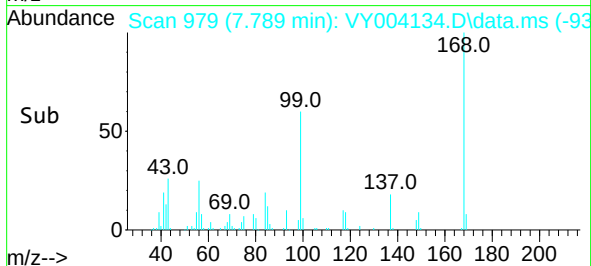


#31
Cyclohexane
Concen: 12.45 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

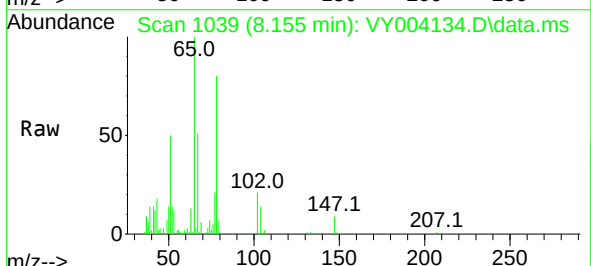
Instrument :
MSVOA_Y
ClientSampleId :
RO124027



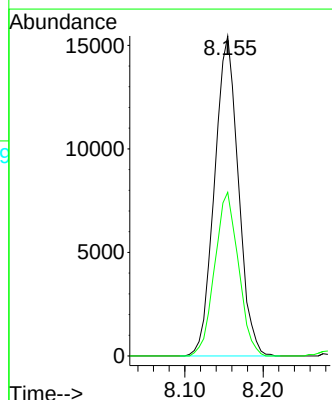
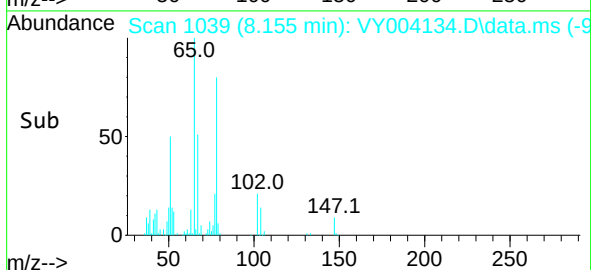
Tgt Ion:	56	Resp:	13356
Ion Ratio	Lower	Upper	
56	100		
69	33.7	25.3	37.9
84	79.7	67.3	100.9

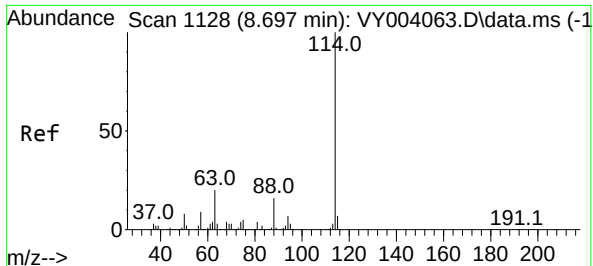


#33
1,2-Dichloroethane-d4
Concen: 53.36 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15



Tgt Ion:	65	Resp:	32632
Ion Ratio	Lower	Upper	
65	100		
67	51.1	0.0	101.4

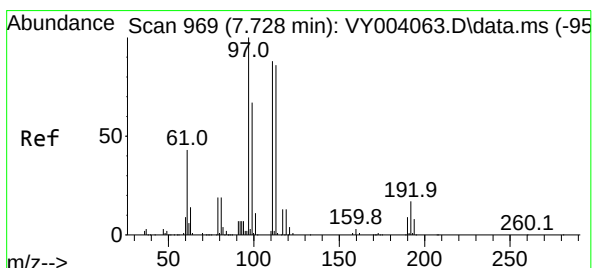
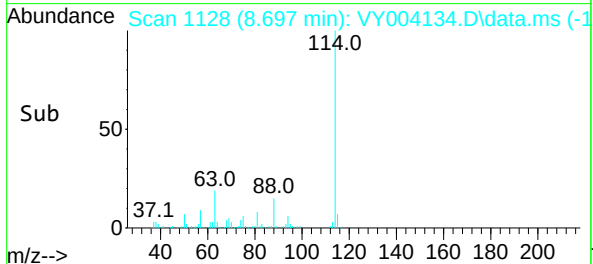
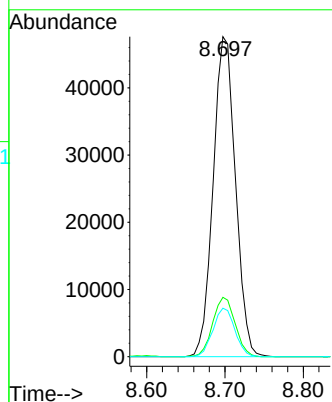
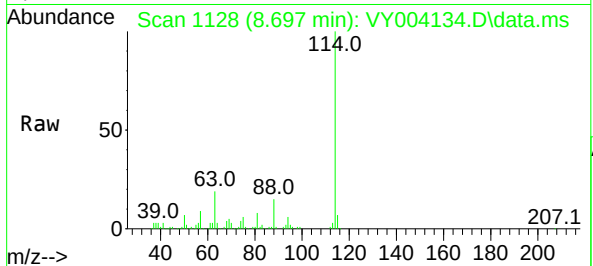




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

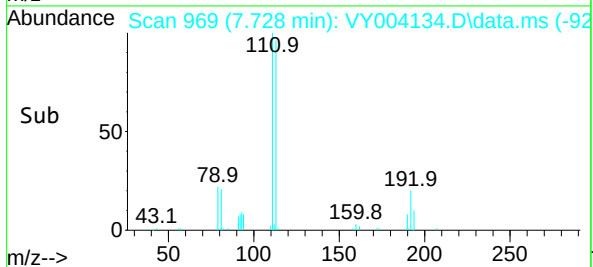
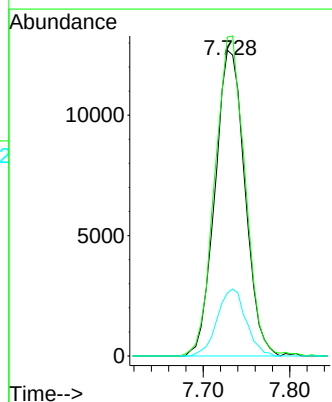
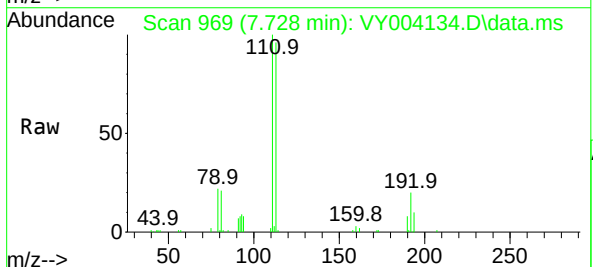
Instrument :
MSVOA_Y
ClientSampleId :
RO124027

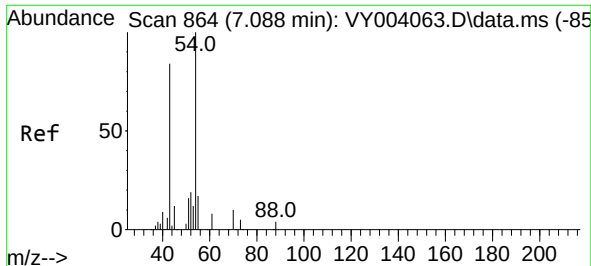
Tgt Ion:114	Resp:	94267
Ion Ratio	Lower	Upper
114	100	
63	18.6	0.0 41.6
88	15.2	0.0 31.4



#35
Dibromofluoromethane
Concen: 57.24 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion:113	Resp:	30428
Ion Ratio	Lower	Upper
113	100	
111	105.8	83.2 124.8
192	21.1	18.5 27.7





#37

Ethyl Acetate

Concen: 49.51 ug/l

RT: 6.996 min Scan# 849

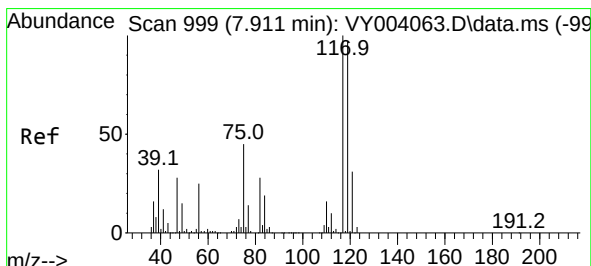
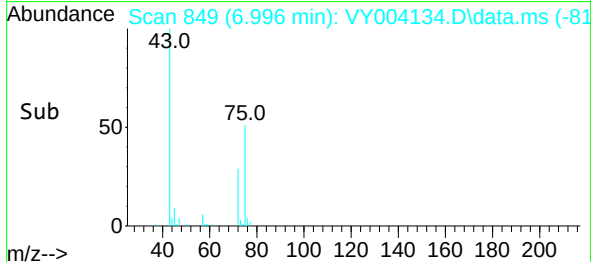
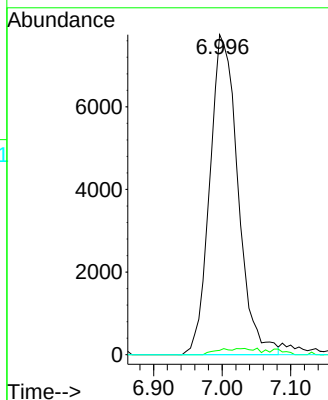
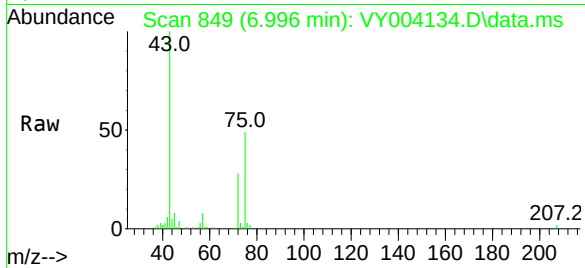
Delta R.T. -0.092 min

Lab File: VY004134.D

Acq: 19 Mar 2021 13:15

Tgt Ion:	43	Resp:	22089
Ion	Ratio	Lower	Upper
43	100		
61	1.2	10.7	16.1#
70	0.0	7.7	11.5#

Instrument :
MSVOA_Y
ClientSampleId :
RO124027



#38

Carbon Tetrachloride

Concen: 6.96 ug/l

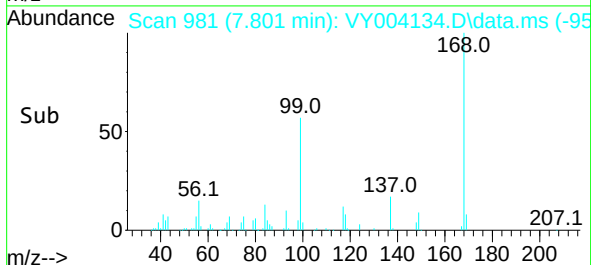
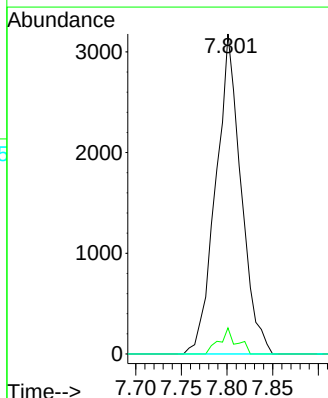
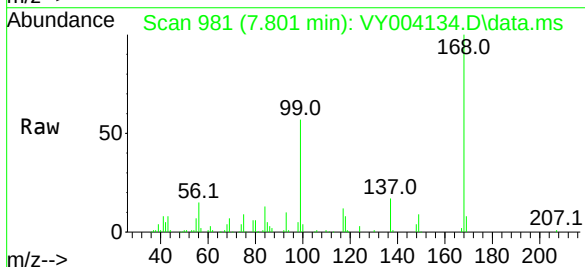
RT: 7.801 min Scan# 981

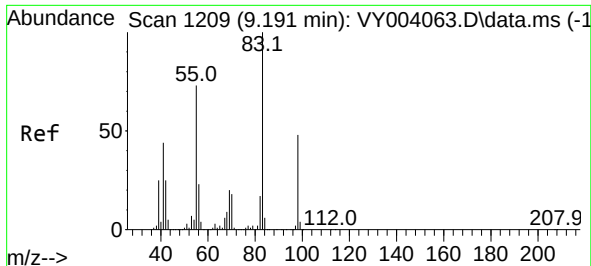
Delta R.T. -0.110 min

Lab File: VY004134.D

Acq: 19 Mar 2021 13:15

Tgt Ion:	117	Resp:	6115
Ion	Ratio	Lower	Upper
117	100		
119	8.2	75.4	113.0#
121	0.0	24.2	36.2#





#39

Methylcyclohexane

Concen: 29.47 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.000 min

Lab File: VY004134.D

Acq: 19 Mar 2021 13:15

Instrument :

MSVOA_Y

ClientSampleId :

RO124027

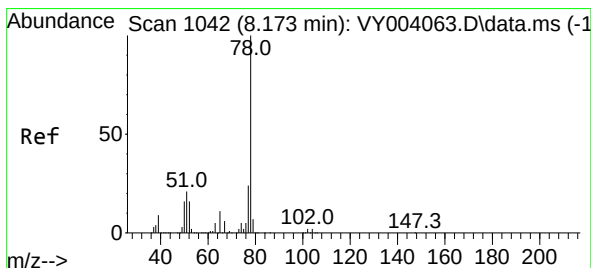
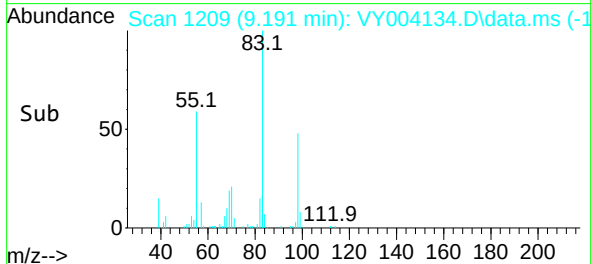
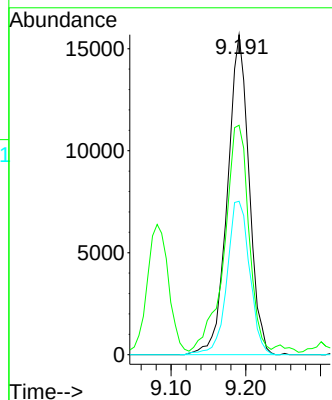
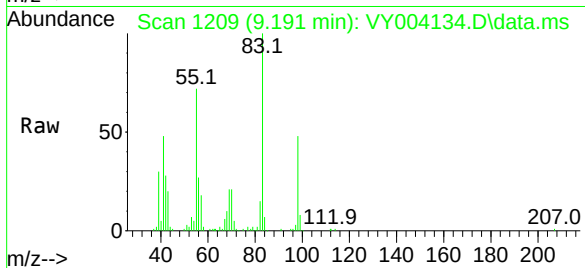
Tgt Ion: 83 Resp: 31525

Ion Ratio Lower Upper

83 100

55 68.7 65.6 98.4

98 47.9 39.5 59.3



#40

Benzene

Concen: 23.88 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY004134.D

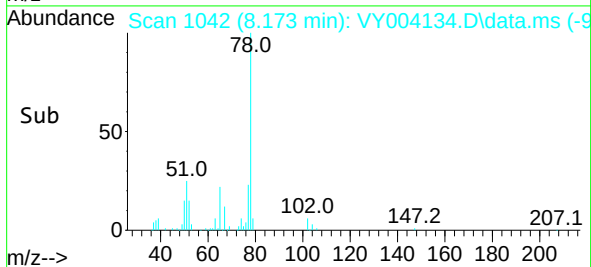
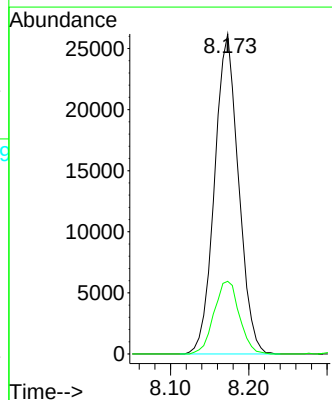
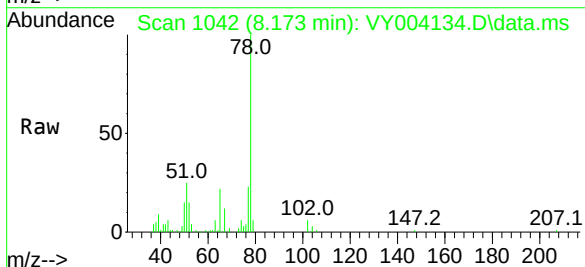
Acq: 19 Mar 2021 13:15

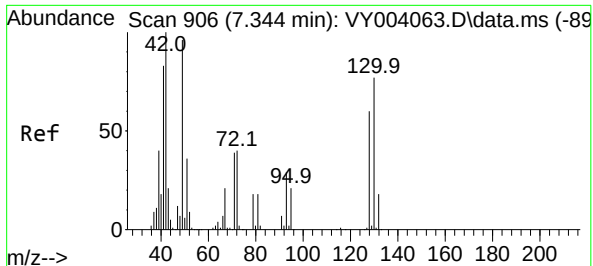
Tgt Ion: 78 Resp: 55708

Ion Ratio Lower Upper

78 100

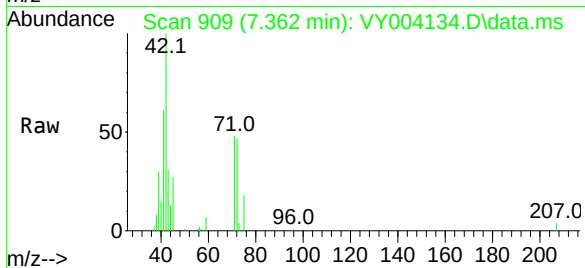
77 22.7 20.1 30.1



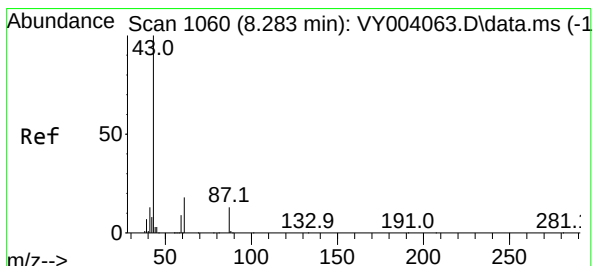
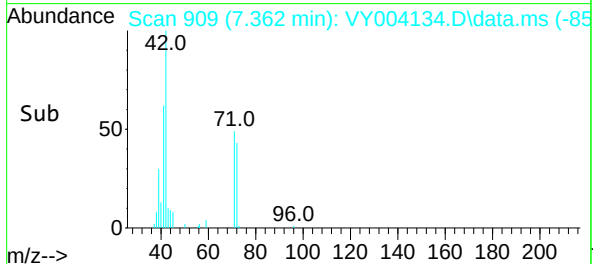
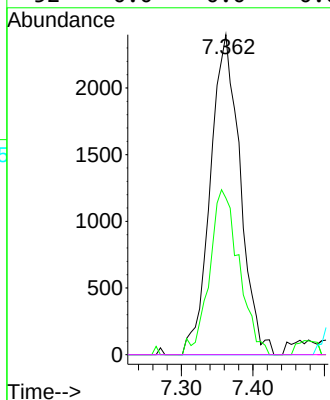


#41
Methacrylonitrile
Concen: 25.07 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.018 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Instrument :
MSVOA_Y
ClientSampled :
RO124027

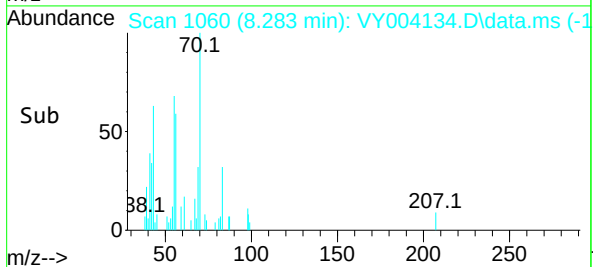
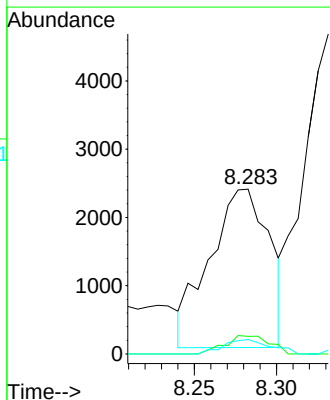
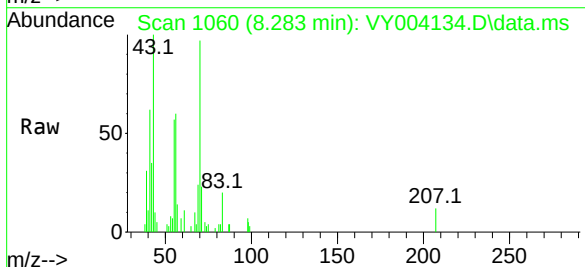


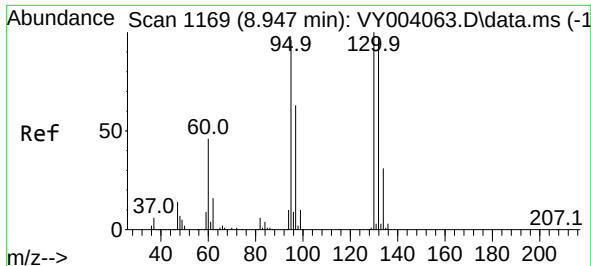
Tgt Ion:	41	Resp:	6931
Ion	Ratio	Lower	Upper
41	100		
39	51.5	91.2	136.8#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 6.57 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion:	43	Resp:	5886
Ion	Ratio	Lower	Upper
43	100		
61	8.6	22.1	33.1#
87	7.1	9.8	14.8#

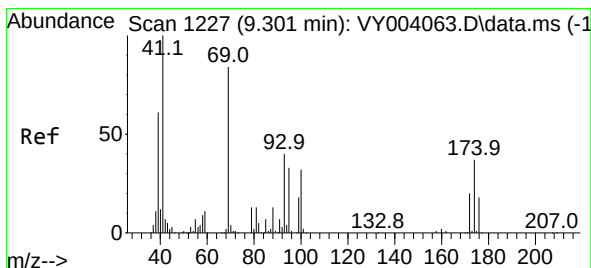
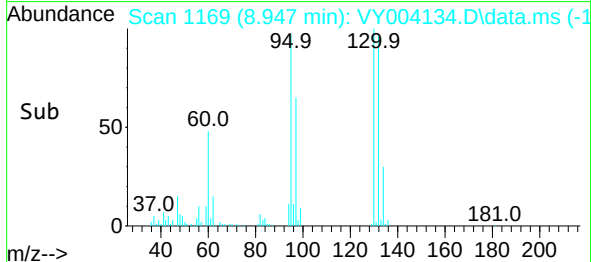
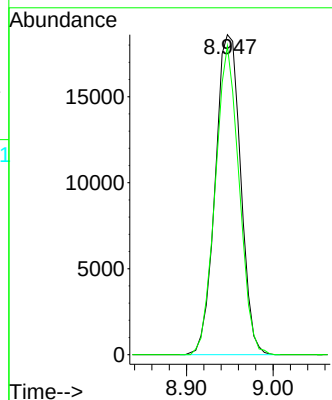
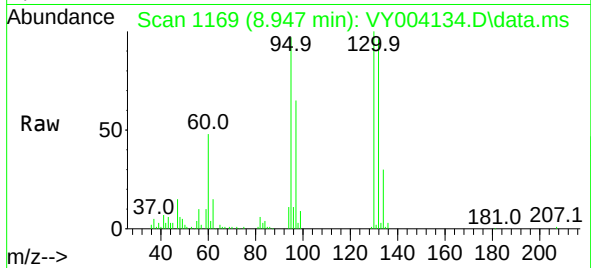




#44
Trichloroethene
Concen: 55.92 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

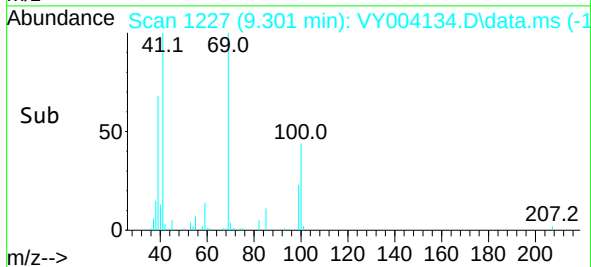
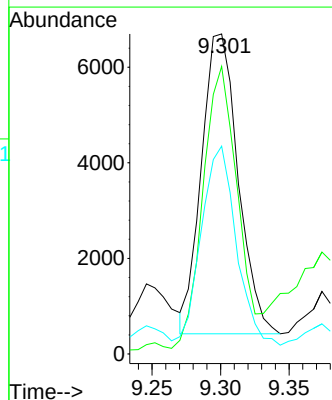
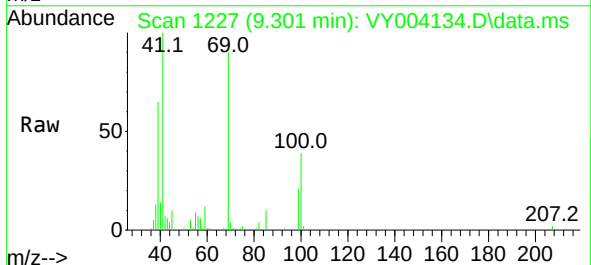
Instrument :
MSVOA_Y
ClientSampled :
RO124027

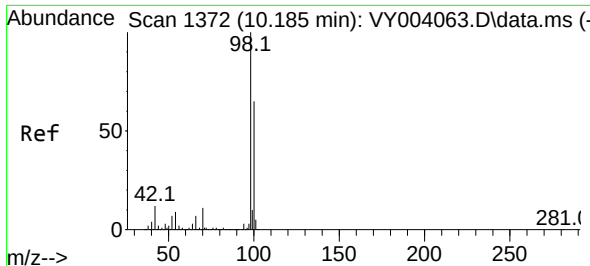
Tgt Ion:130 Resp: 37779
Ion Ratio Lower Upper
130 100
95 96.5 0.0 188.0



#48
Methyl methacrylate
Concen: 27.43 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion: 41 Resp: 11668
Ion Ratio Lower Upper
41 100
69 92.6 65.1 97.7
39 65.0 44.2 66.2

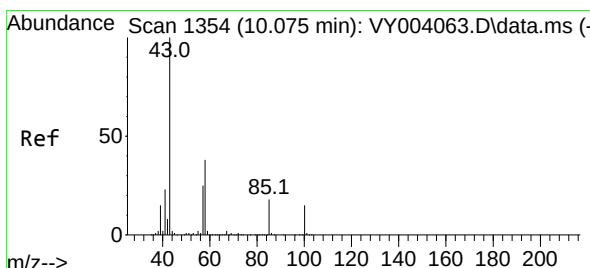
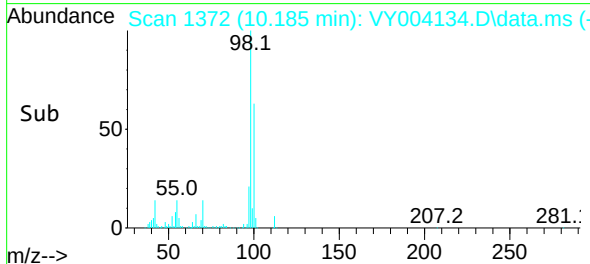
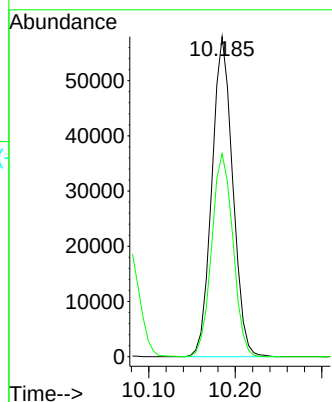
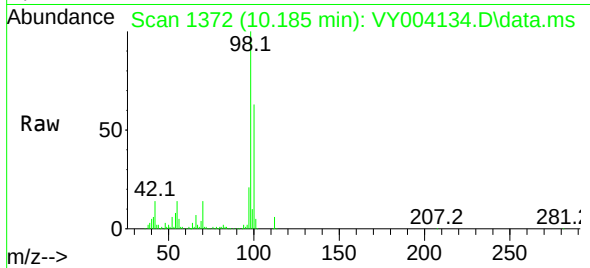




#50
Toluene-d8
Concen: 46.49 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

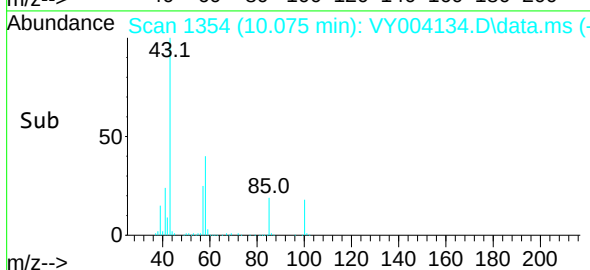
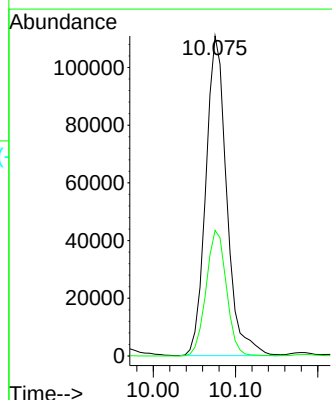
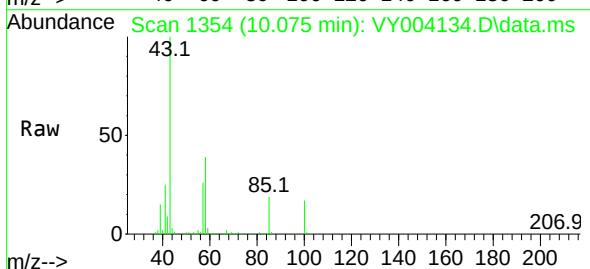
Instrument :
MSVOA_Y
ClientSampleId :
RO124027

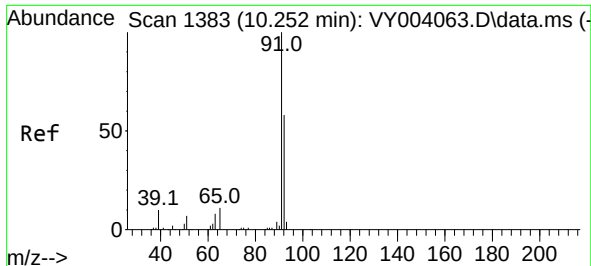
Tgt Ion: 98 Resp: 96894
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 431.79 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion: 43 Resp: 195746
Ion Ratio Lower Upper
43 100
58 38.2 29.8 44.8

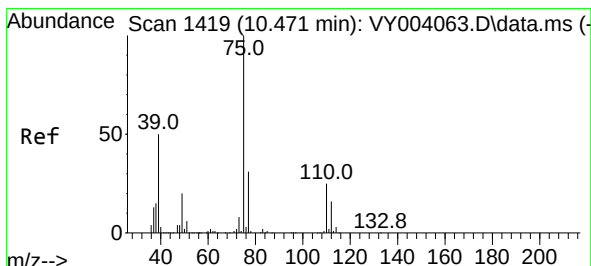
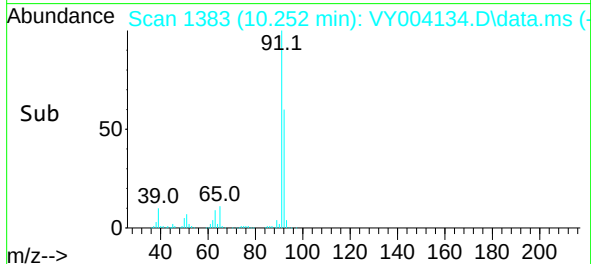
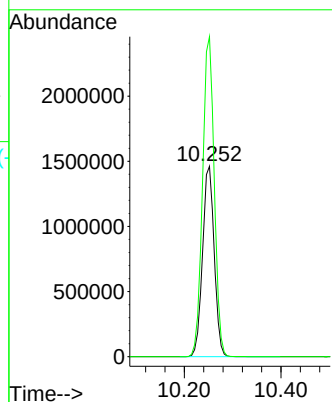
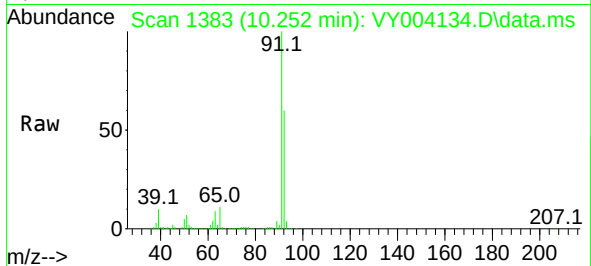




#52
Toluene
Concen: 1619.41 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

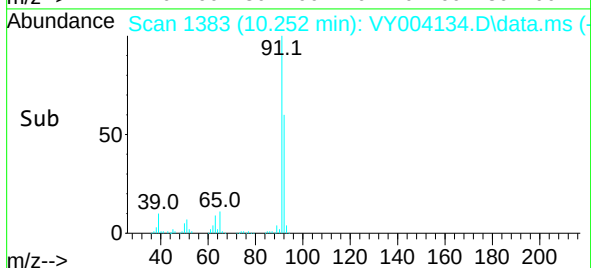
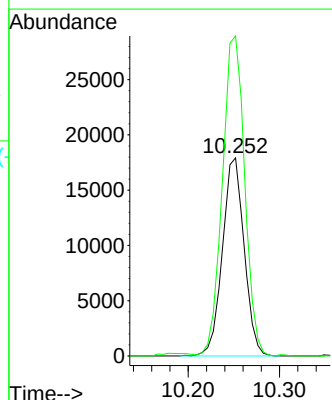
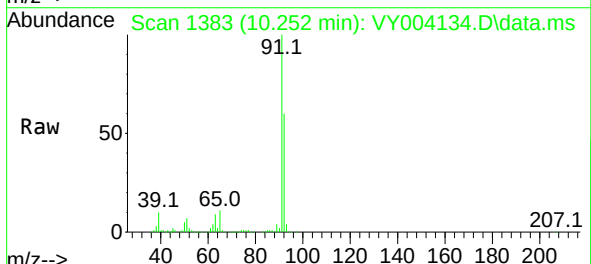
Instrument :
MSVOA_Y
ClientSampleId :
RO124027

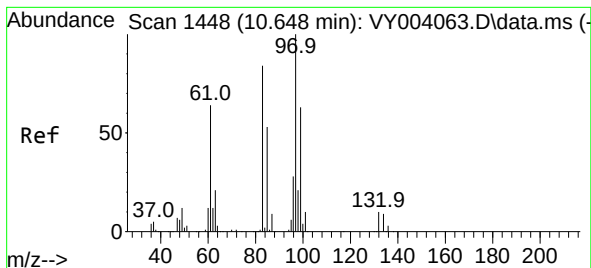
Tgt Ion: 92 Resp: 2446715
Ion Ratio Lower Upper
92 100
91 168.6 141.0 211.4



#53
t-1,3-Dichloropropene
Concen: 33.74 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.219 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion: 75 Resp: 29593
Ion Ratio Lower Upper
75 100
77 160.8 24.5 36.7#

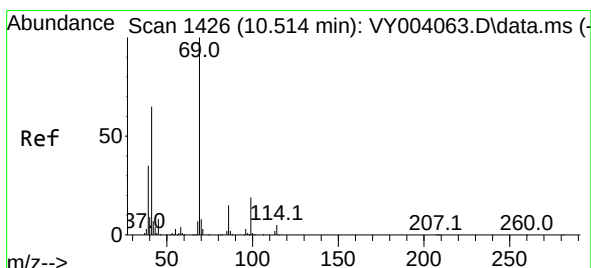
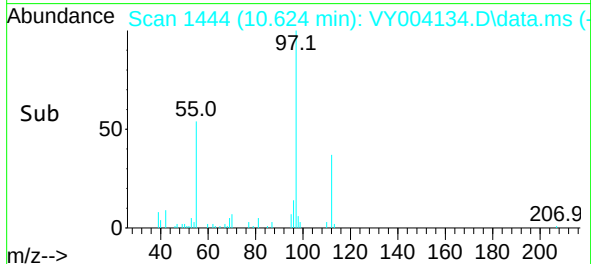
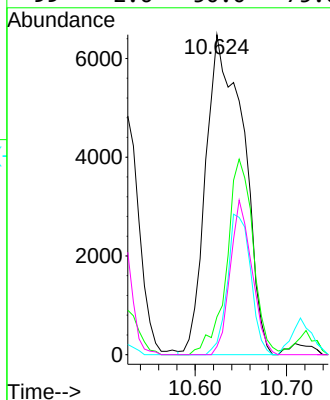
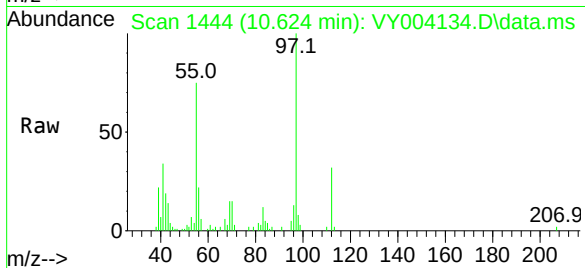




#55
1,1,2-Trichloroethane
Concen: 39.62 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

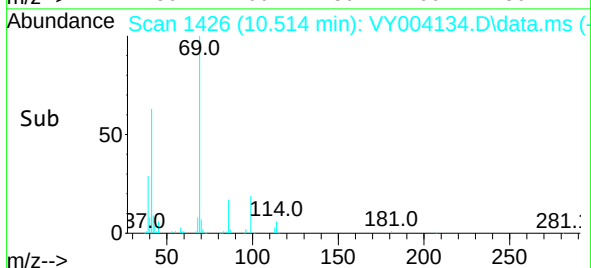
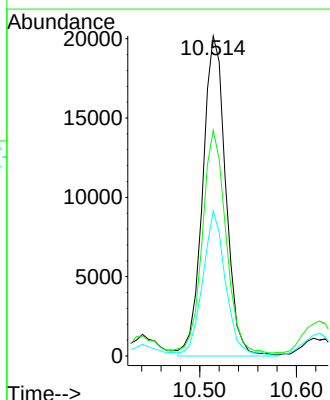
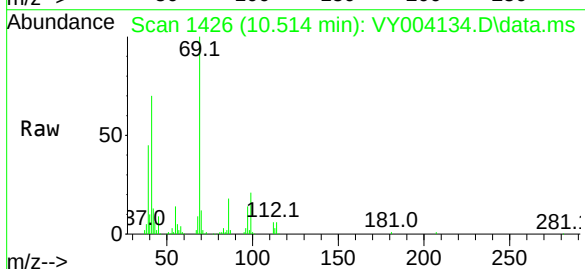
Instrument :
MSVOA_Y
ClientSampleId :
RO124027

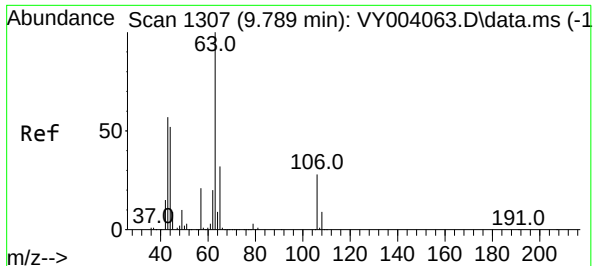
Tgt Ion: 97	Resp: 18555
Ion Ratio	Lower Upper
97 100	
83 11.8	69.4 104.0#
85 3.7	43.4 65.0#
99 2.6	50.0 75.0#



#56
Ethyl methacrylate
Concen: 51.17 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion: 69	Resp: 33498
Ion Ratio	Lower Upper
69 100	
41 70.4	57.2 85.8
39 42.9	27.8 41.6#

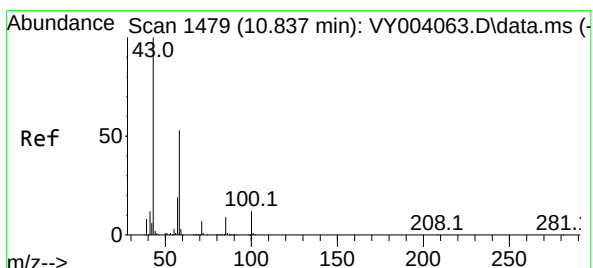
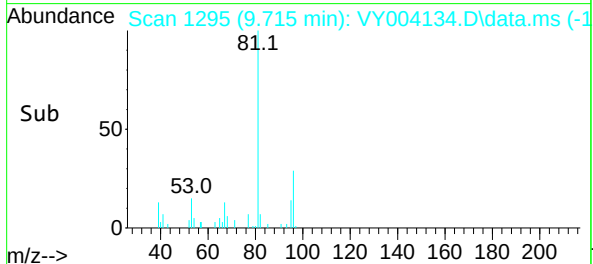
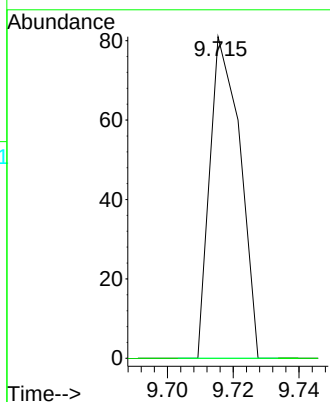
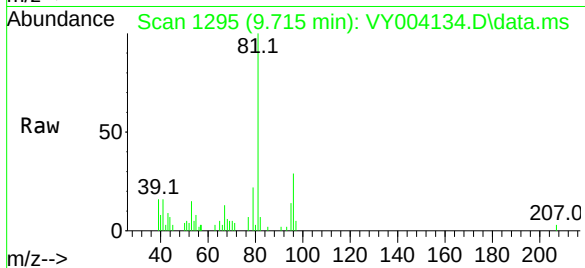




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.715 min Scan# 1295
Delta R.T. -0.074 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

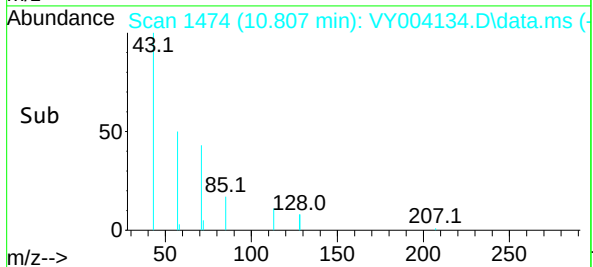
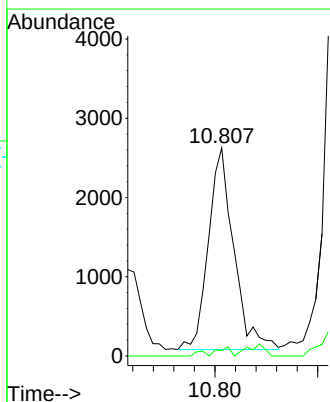
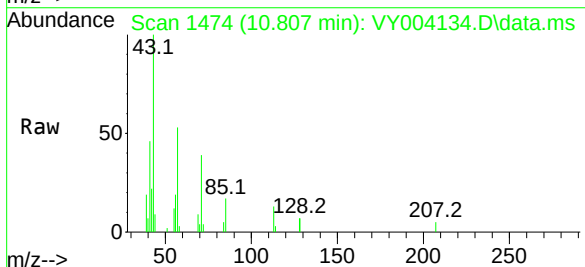
Instrument :
MSVOA_Y
ClientSampleId :
RO124027

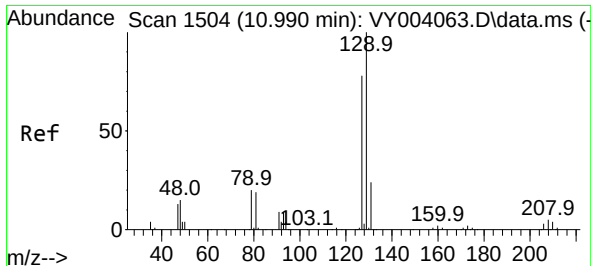
Tgt Ion: 63 Resp: 52
Ion Ratio Lower Upper
63 100
106 0.0 22.1 33.1#



#59
2-Hexanone
Concen: 13.70 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.030 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion: 43 Resp: 4363
Ion Ratio Lower Upper
43 100
58 2.2 26.5 79.4#

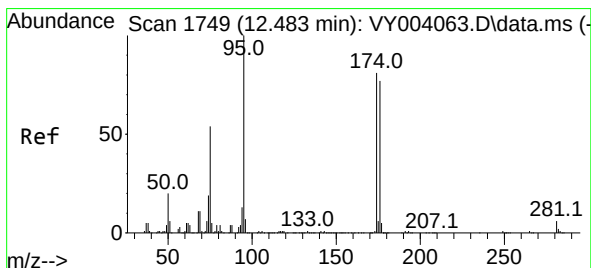
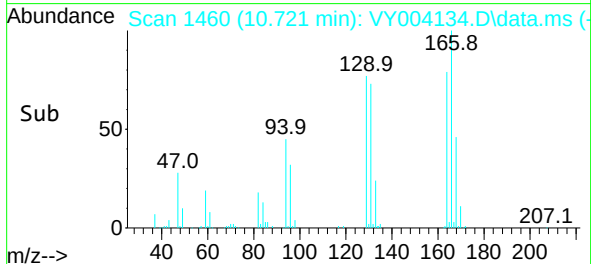
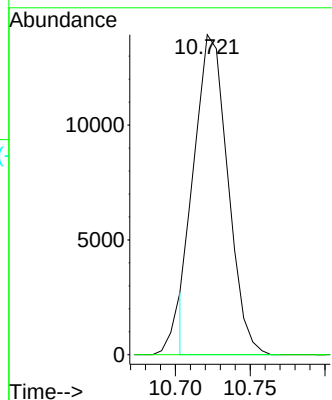
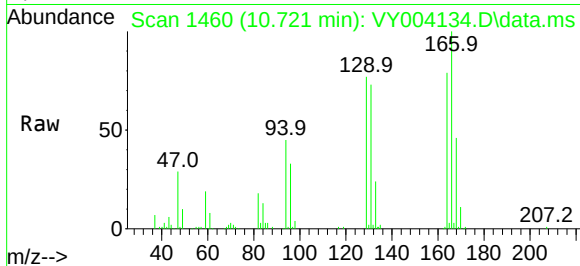




#60
Dibromochloromethane
Concen: 36.98 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.269 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

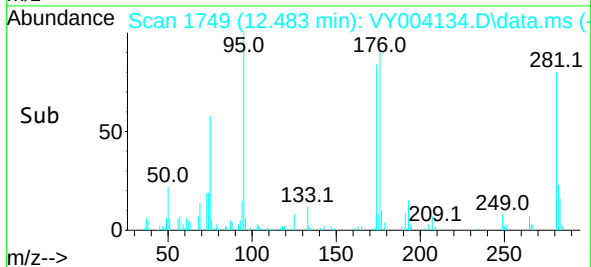
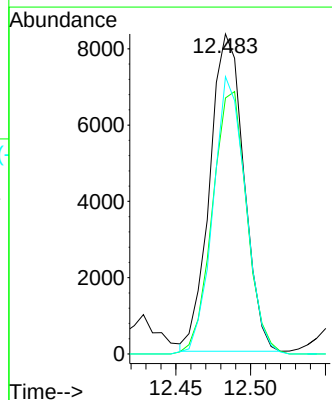
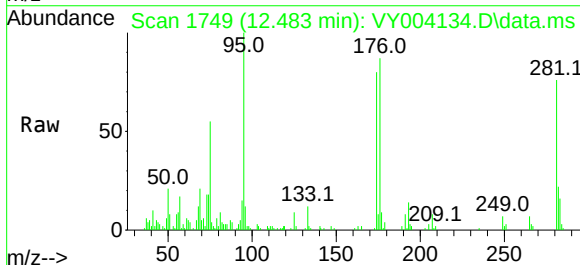
Instrument :
MSVOA_Y
ClientSampleId :
RO124027

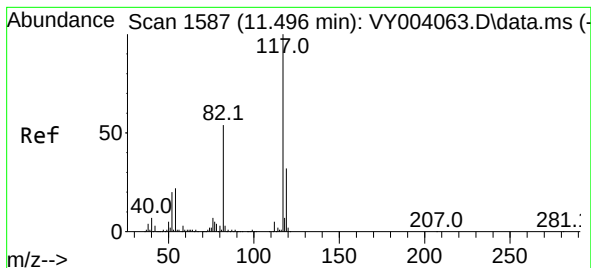
Tgt Ion:129 Resp: 21745
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 17.14 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion: 95 Resp: 13196
Ion Ratio Lower Upper
95 100
174 83.3 0.0 179.0
176 83.2 0.0 174.4

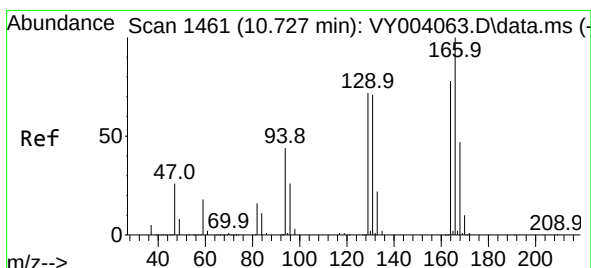
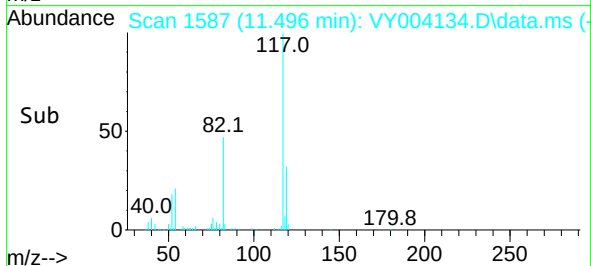
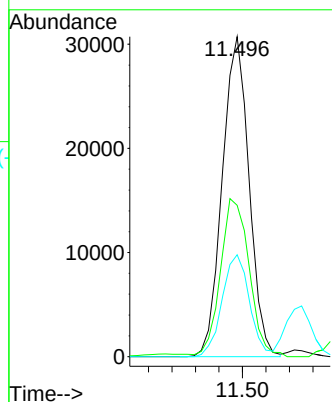
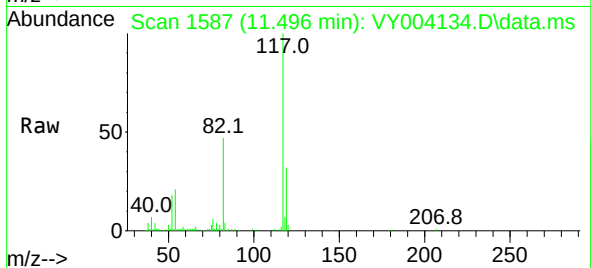




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

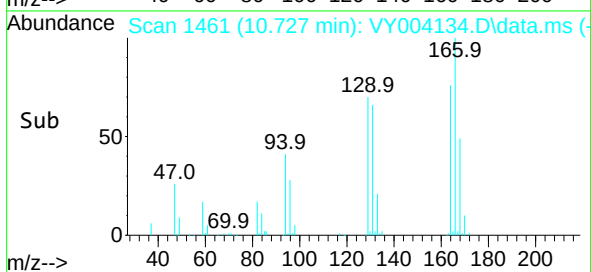
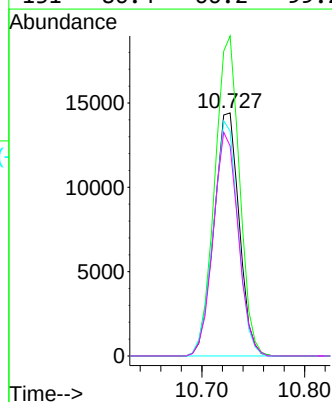
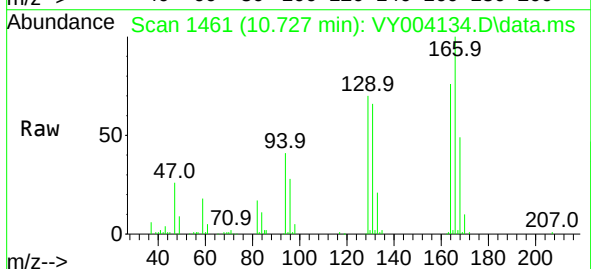
Instrument :
MSVOA_Y
ClientSampleId :
RO124027

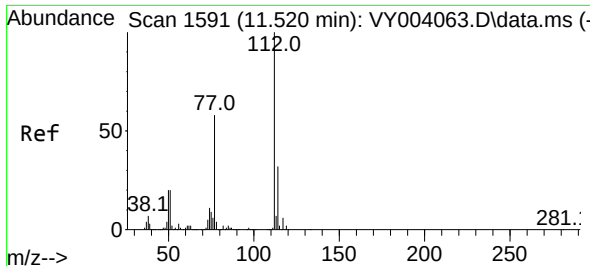
Tgt Ion:117	Resp:	48607
Ion Ratio	Lower	Upper
117	100	
82	46.6	43.8 65.6
119	31.8	26.2 39.2



#64
Tetrachloroethene
Concen: 60.15 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion:164	Resp:	24475
Ion Ratio	Lower	Upper
164	100	
166	131.7	102.7 154.1
129	92.5	70.6 105.8
131	86.4	66.2 99.2

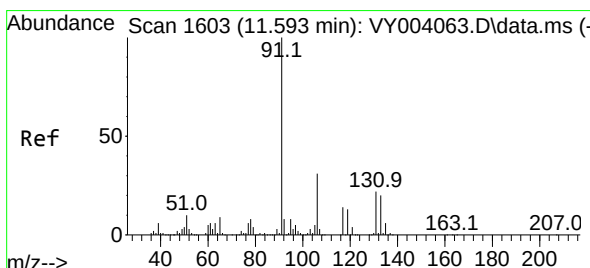
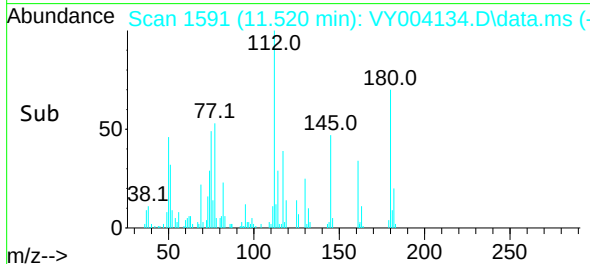
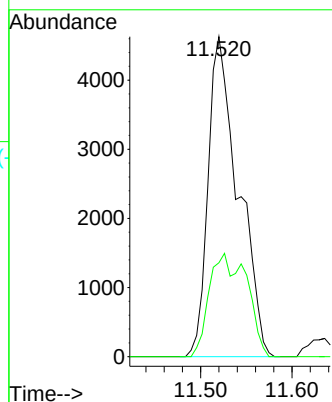
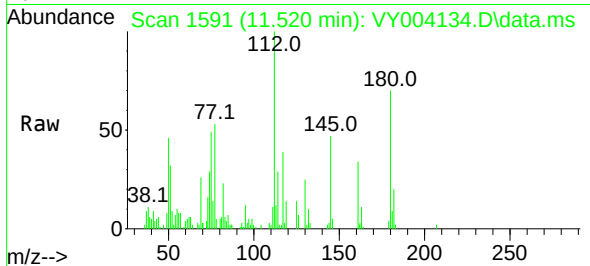




#65
Chlorobenzene
Concen: 11.41 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

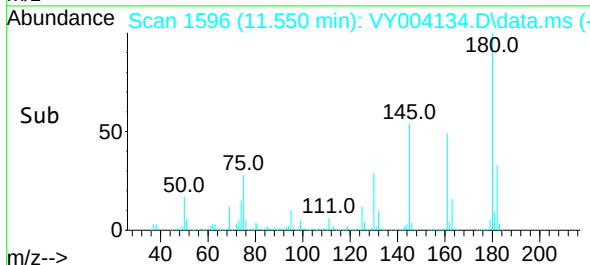
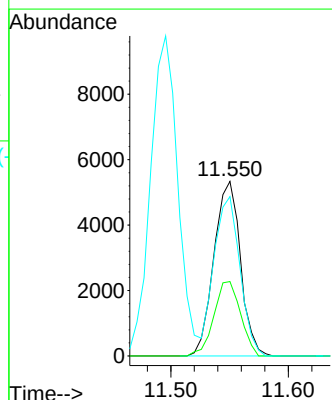
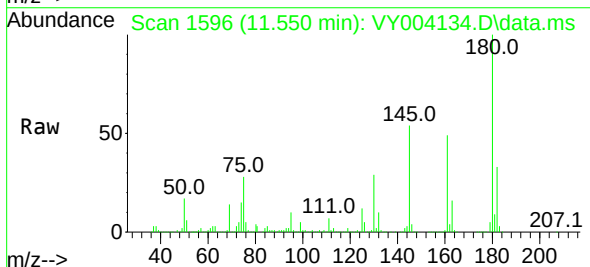
Instrument :
MSVOA_Y
ClientSampleId :
RO124027

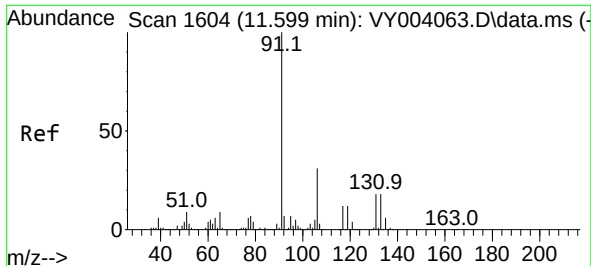
Tgt Ion:112 Resp: 10630
Ion Ratio Lower Upper
112 100
114 29.3 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 24.05 ug/l
RT: 11.550 min Scan# 1596
Delta R.T. -0.043 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion:131 Resp: 8381
Ion Ratio Lower Upper
131 100
133 42.8 48.1 144.3#
119 89.1 31.5 94.5

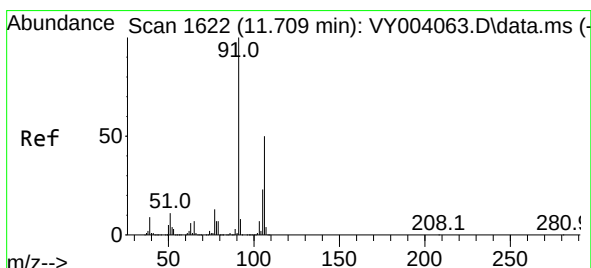
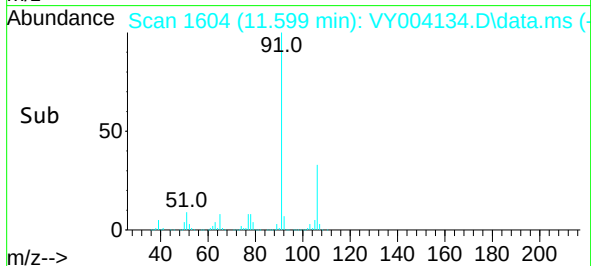
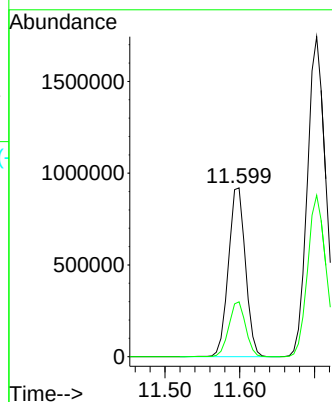
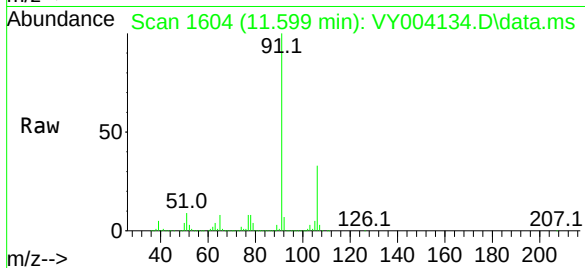




#67
Ethyl Benzene
Concen: 853.26 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

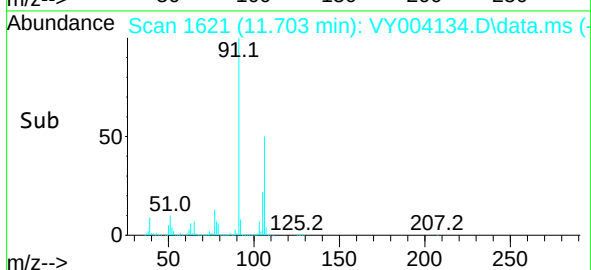
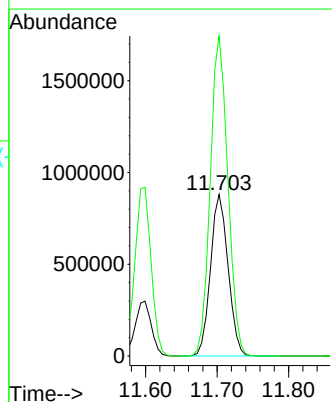
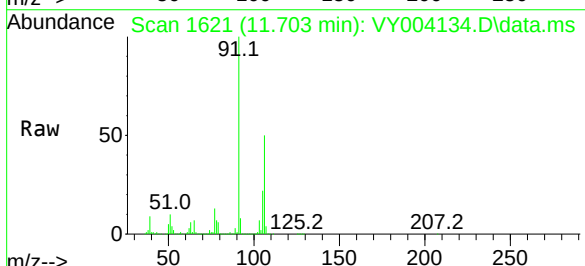
Instrument :
MSVOA_Y
ClientSampled :
RO124027

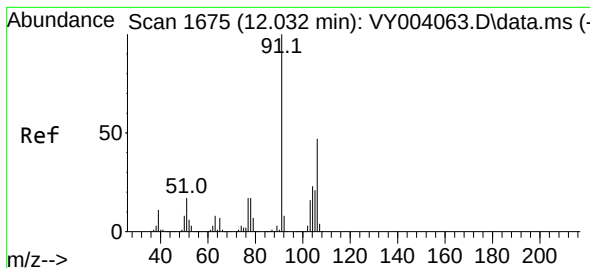
Tgt Ion: 91 Resp: 1459323
Ion Ratio Lower Upper
91 100
106 32.5 24.5 36.7



#68
m/p-Xylenes
Concen: 2296.68 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion: 106 Resp: 1497919
Ion Ratio Lower Upper
106 100
91 198.7 165.4 248.0

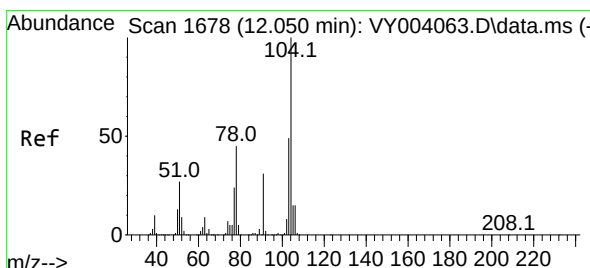
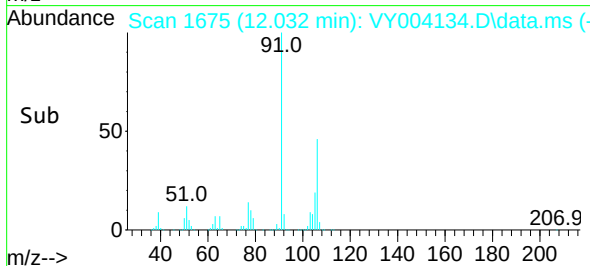
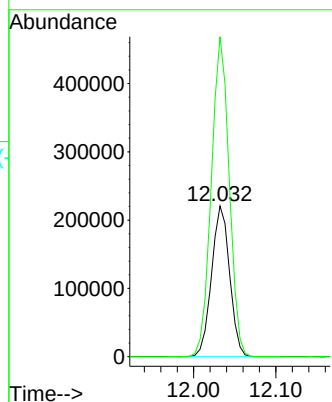
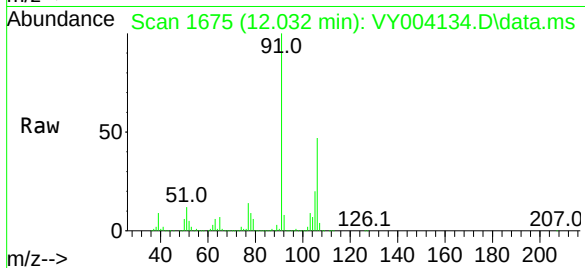




#69
o-Xylene
Concen: 545.74 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

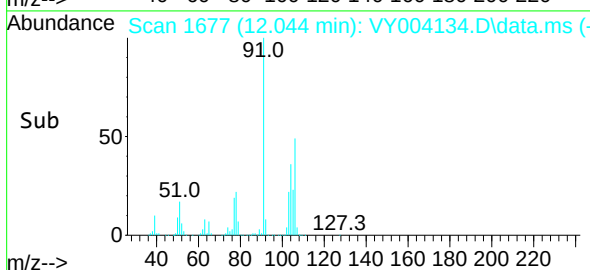
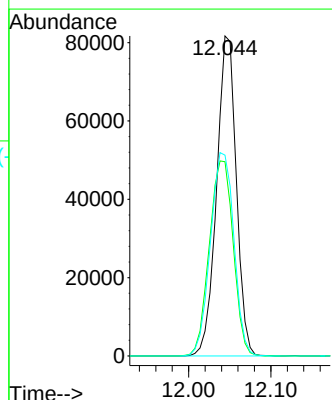
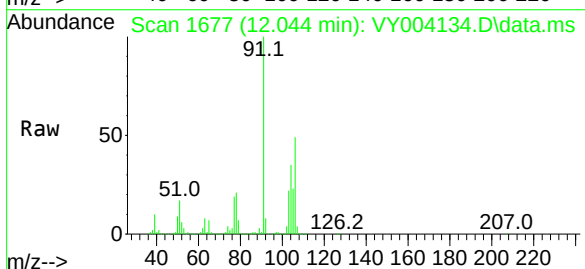
Instrument :
MSVOA_Y
ClientSampleId :
RO124027

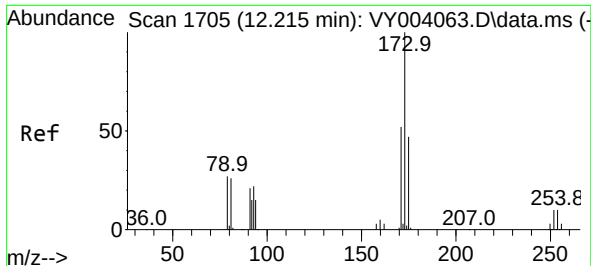
Tgt Ion:106 Resp: 336473
Ion Ratio Lower Upper
106 100
91 210.4 108.9 326.7



#70
Styrene
Concen: 129.04 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion:104 Resp: 136241
Ion Ratio Lower Upper
104 100
78 73.9 41.1 61.7#
103 75.6 43.9 65.9#

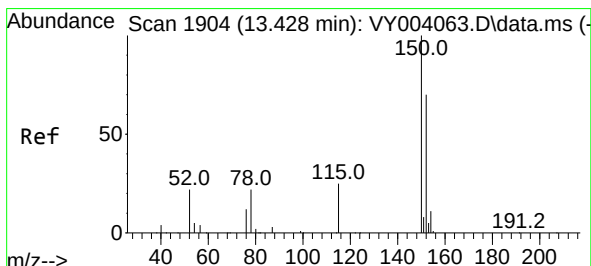
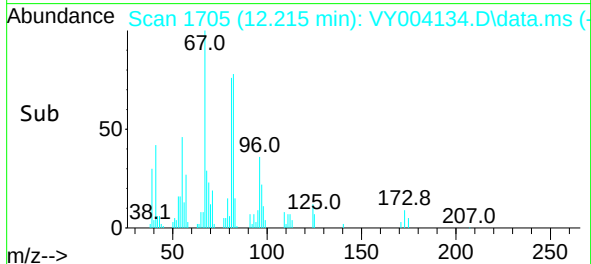
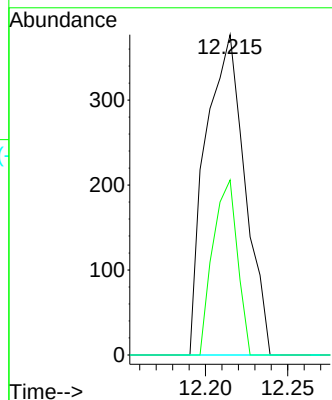
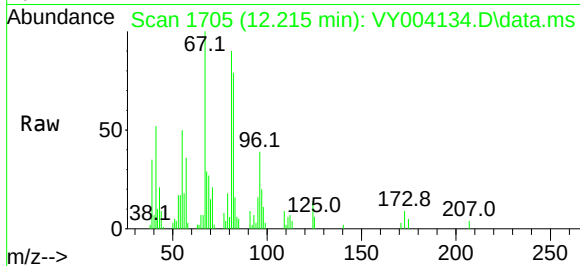




#71
Bromoform
Concen: 3.00 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

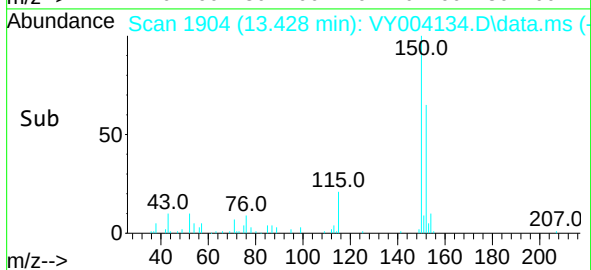
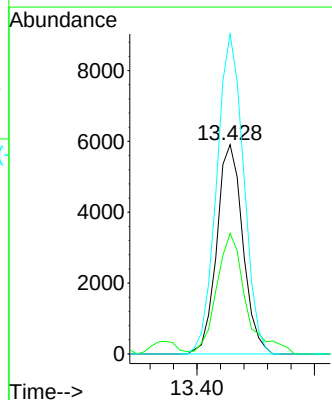
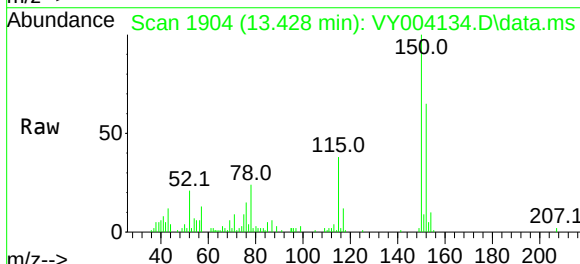
Instrument :
MSVOA_Y
ClientSampleId :
RO124027

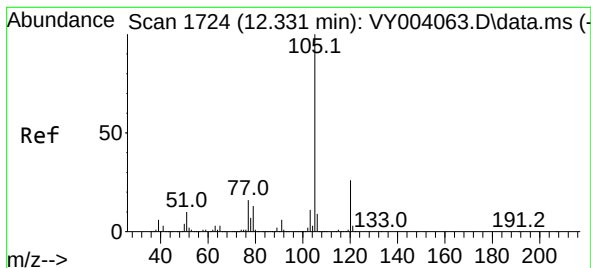
Tgt Ion:173 Resp: 625
Ion Ratio Lower Upper
173 100
175 34.1 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion:152 Resp: 9098
Ion Ratio Lower Upper
152 100
115 64.4 28.2 84.6
150 158.3 0.0 347.2





#73

Isopropylbenzene

Concen: 63.90 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY004134.D

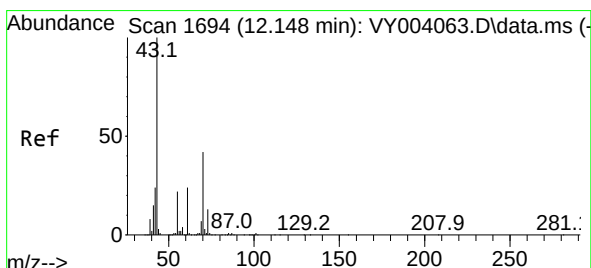
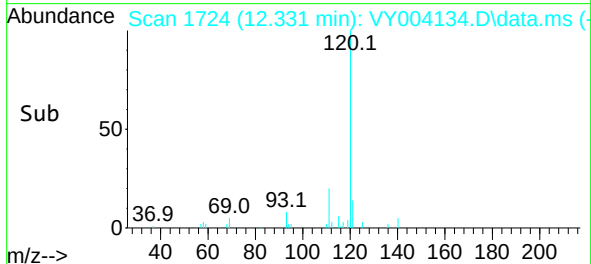
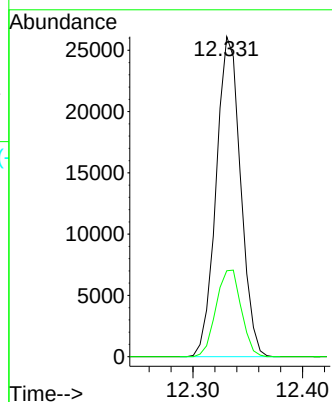
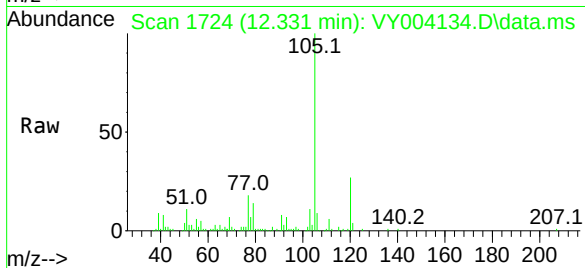
Acq: 19 Mar 2021 13:15

Tgt Ion:105 Resp: 40405

Ion Ratio Lower Upper

105 100

120 27.8 13.3 39.9



#74

N-ethyl acetate

Concen: 171.06 ug/l

RT: 12.105 min Scan# 1687

Delta R.T. -0.043 min

Lab File: VY004134.D

Acq: 19 Mar 2021 13:15

Tgt Ion: 43 Resp: 30979

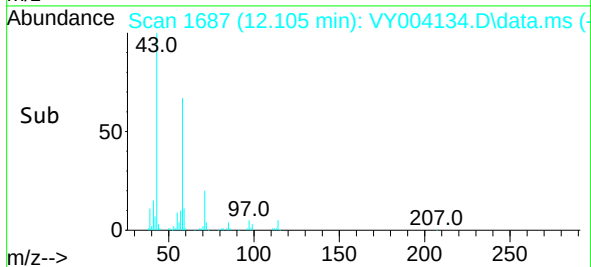
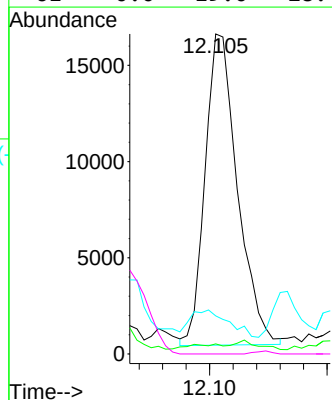
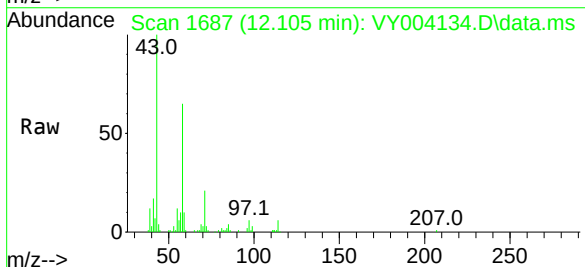
Ion Ratio Lower Upper

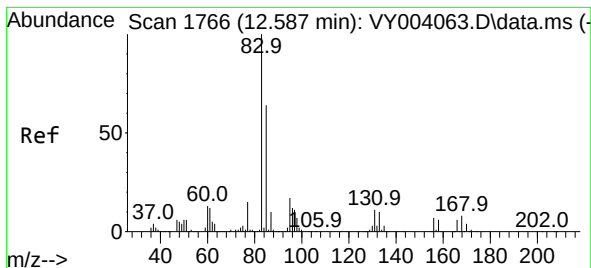
43 100

70 0.9 32.3 48.5#

55 13.0 18.4 27.6#

61 0.0 19.0 28.4#



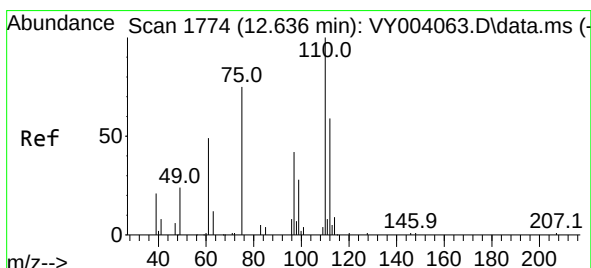
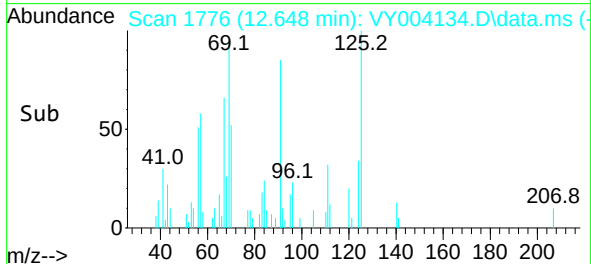
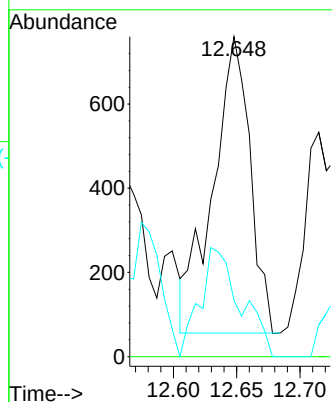
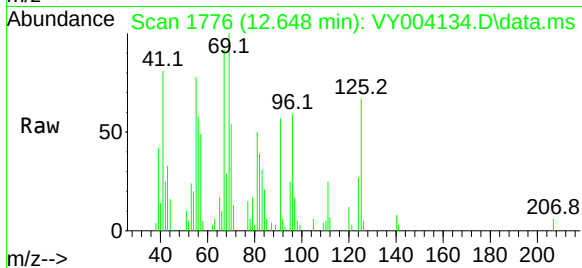


#75

1,1,2,2-Tetrachloroethane
Concen: 13.12 ug/l
RT: 12.648 min Scan# 1776
Delta R.T. 0.061 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Instrument :
MSVOA_Y
ClientSampleId :
RO124027

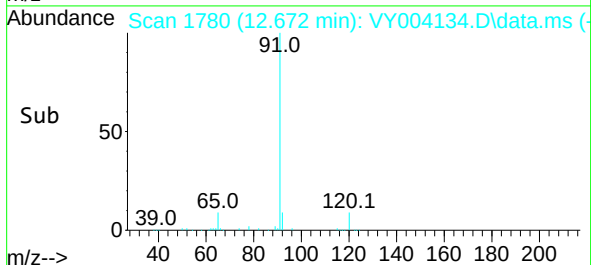
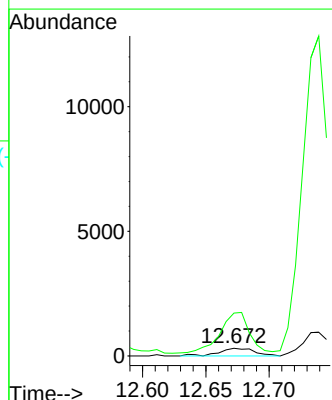
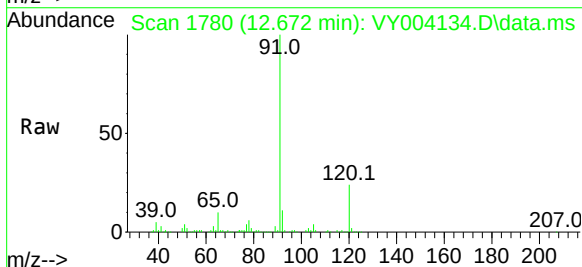
Tgt Ion: 83 Resp: 1441
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.4#
85 40.0 31.6 95.0

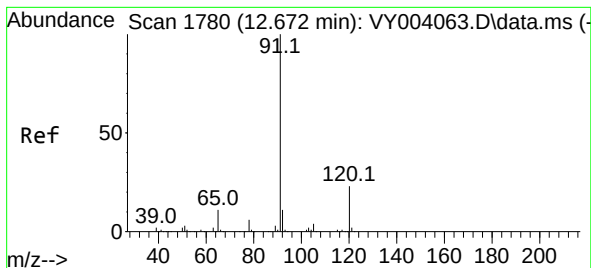


#76

1,2,3-Trichloropropane
Concen: 6.99 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.036 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion: 75 Resp: 610
Ion Ratio Lower Upper
75 100
77 432.6 0.0 0.0#





#78

n-propylbenzene

Concen: 88.13 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY004134.D

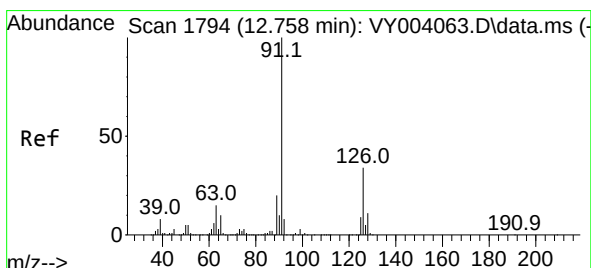
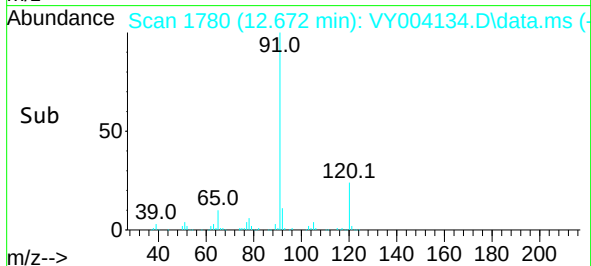
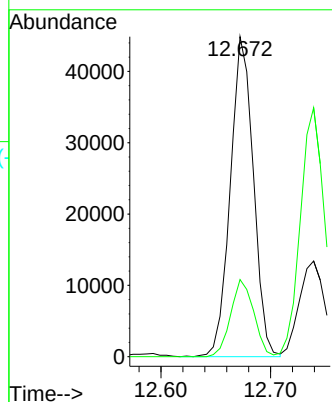
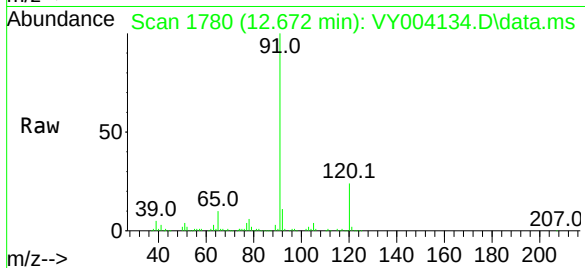
Acq: 19 Mar 2021 13:15

Tgt Ion: 91 Resp: 65651

Ion Ratio Lower Upper

91 100

120 24.1 11.3 33.9



#79

2-Chlorotoluene

Concen: 49.95 ug/l

RT: 12.739 min Scan# 1791

Delta R.T. -0.019 min

Lab File: VY004134.D

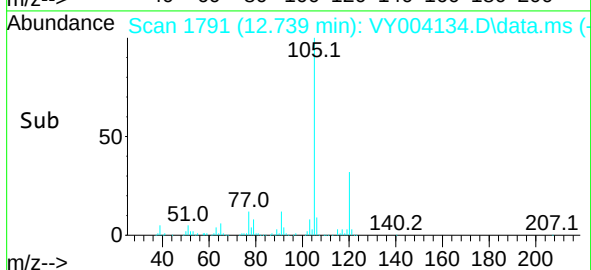
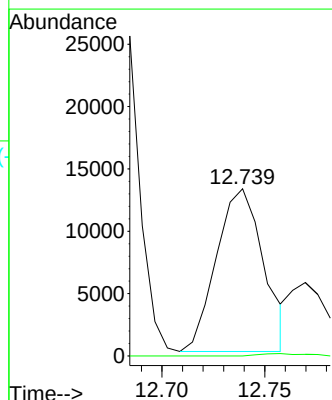
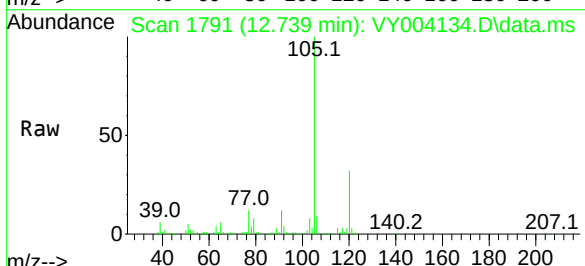
Acq: 19 Mar 2021 13:15

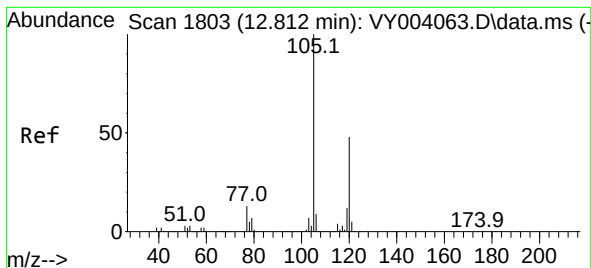
Tgt Ion: 91 Resp: 20888

Ion Ratio Lower Upper

91 100

126 1.4 17.0 51.0#

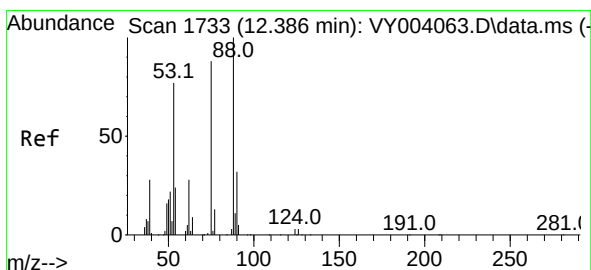
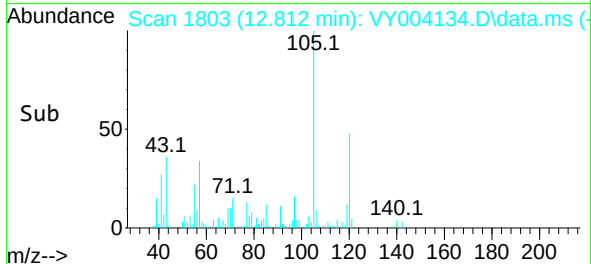
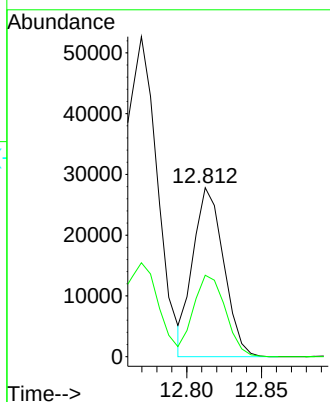
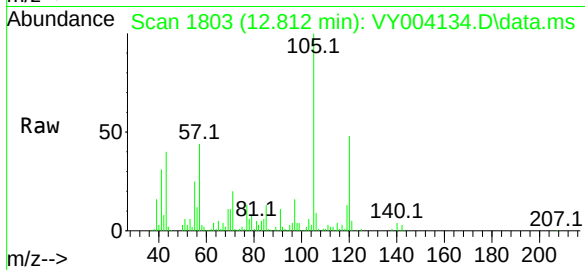




#80
1,3,5-Trimethylbenzene
Concen: 74.01 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

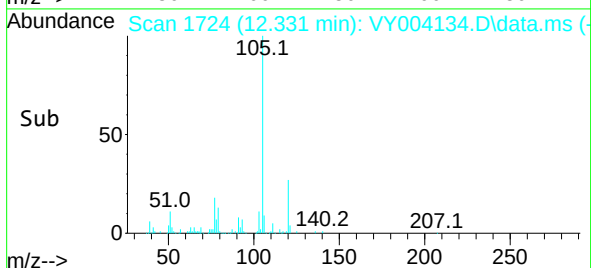
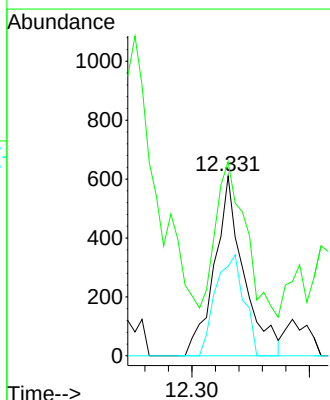
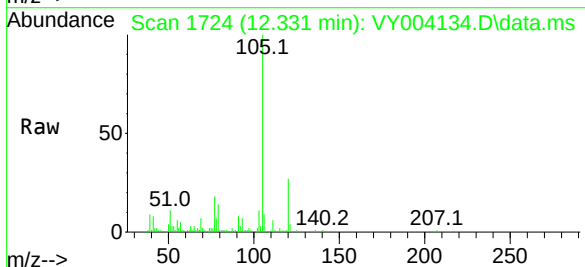
Instrument :
MSVOA_Y
ClientSampled :
RO124027

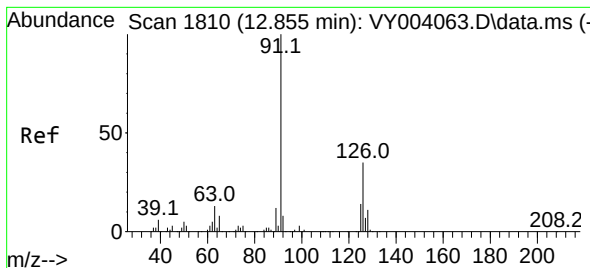
Tgt Ion:105 Resp: 39689
Ion Ratio Lower Upper
105 100
120 50.2 24.1 72.2



#81
trans-1,4-Dichloro-2-butene
Concen: 23.82 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.055 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion: 75 Resp: 1053
Ion Ratio Lower Upper
75 100
53 88.2 73.5 110.3
89 54.4 35.7 53.5#

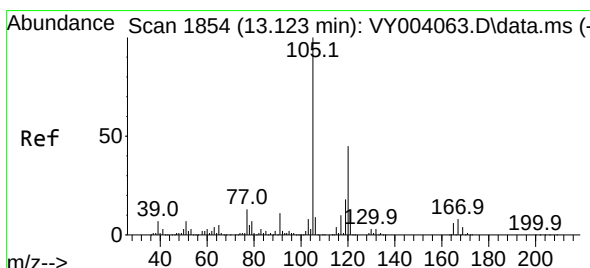
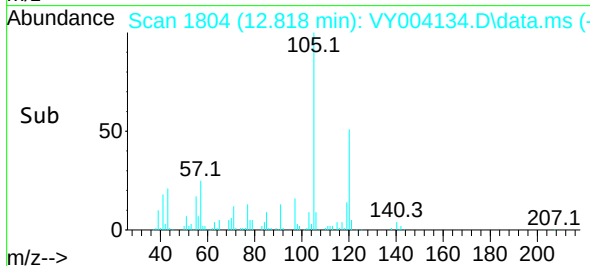
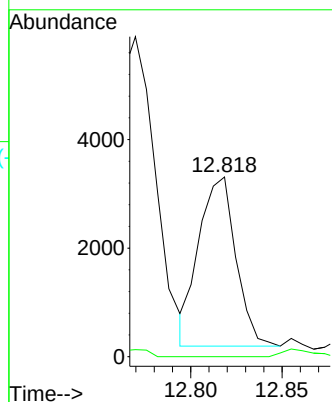
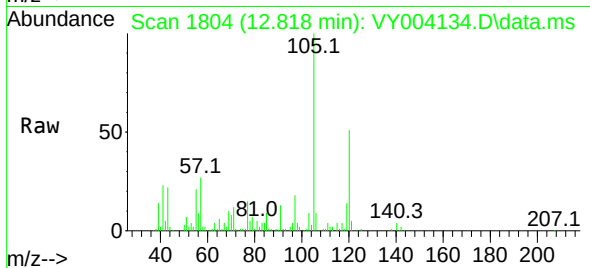




#82
4-Chlorotoluene
Concen: 9.93 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.037 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

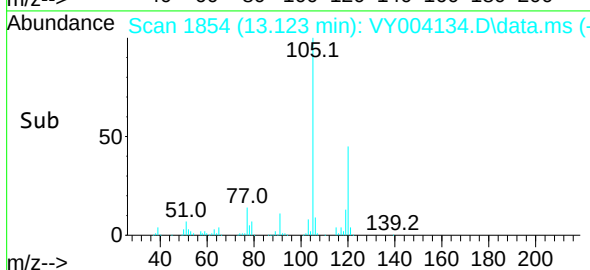
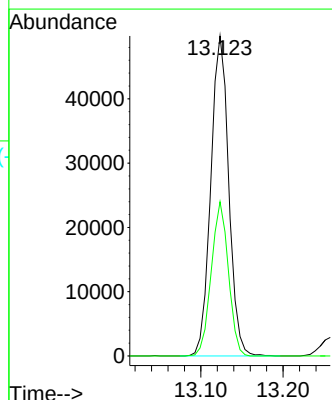
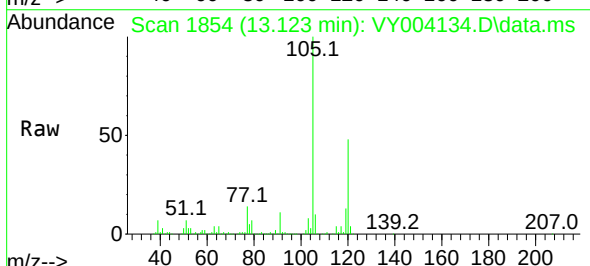
Instrument :
MSVOA_Y
ClientSampled :
RO124027

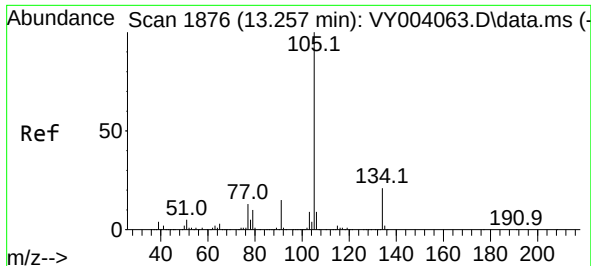
Tgt Ion: 91 Resp: 4397
Ion Ratio Lower Upper
91 100
126 0.0 16.8 50.4#



#84
1,2,4-Trimethylbenzene
Concen: 140.53 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion: 105 Resp: 75478
Ion Ratio Lower Upper
105 100
120 45.9 22.1 66.3

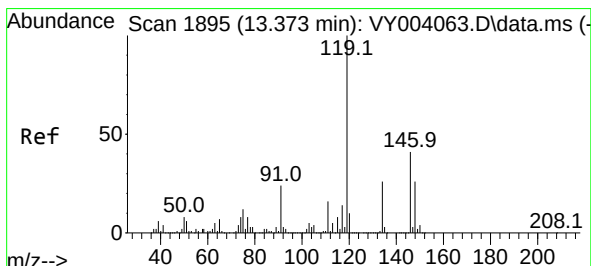
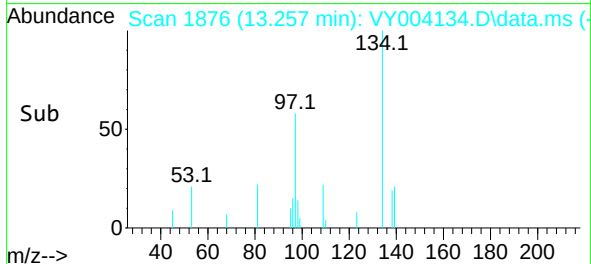
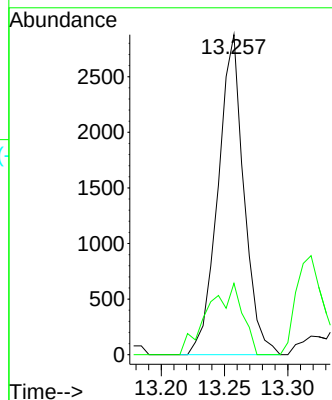
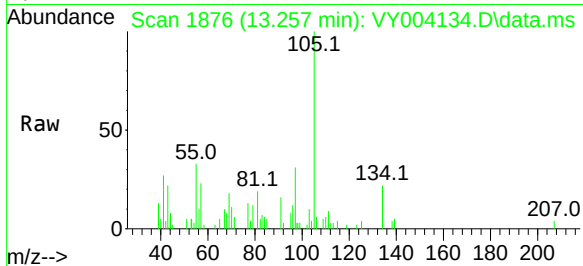




#85
 sec-Butylbenzene
 Concen: 6.44 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY004134.D
 Acq: 19 Mar 2021 13:15

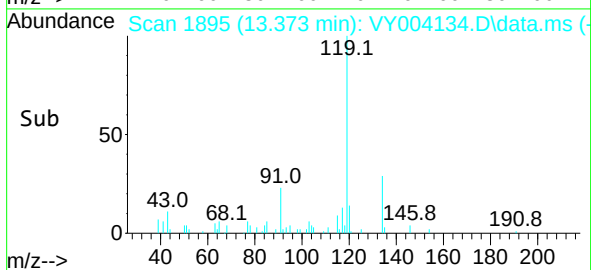
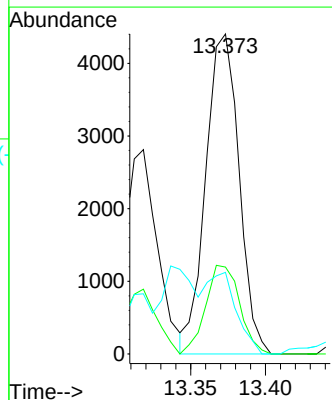
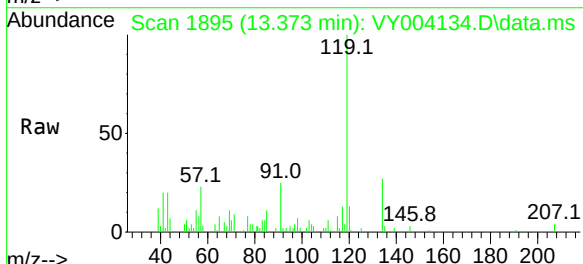
Instrument :
 MSVOA_Y
 ClientSampled :
 RO124027

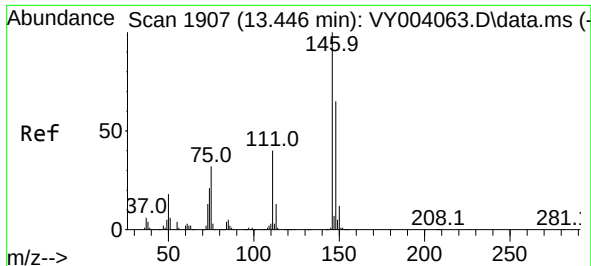
Tgt Ion:105 Resp: 4096
 Ion Ratio Lower Upper
 105 100
 134 29.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 11.56 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY004134.D
 Acq: 19 Mar 2021 13:15

Tgt Ion:119 Resp: 6819
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.2 39.5
 91 23.3 12.1 36.3

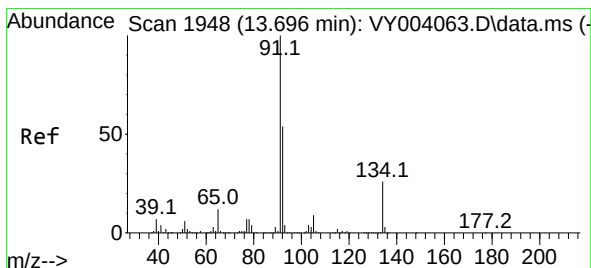
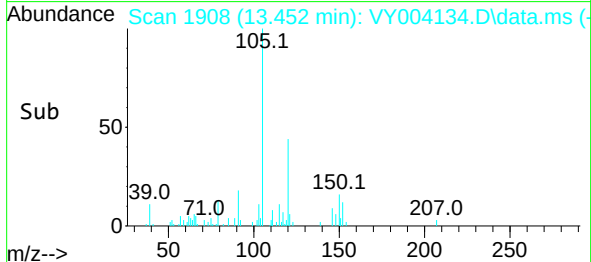
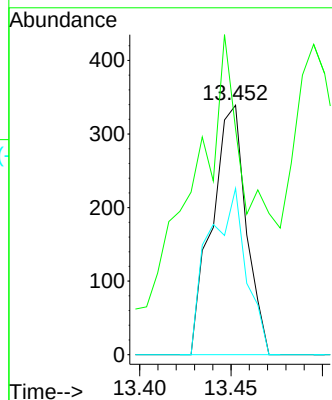
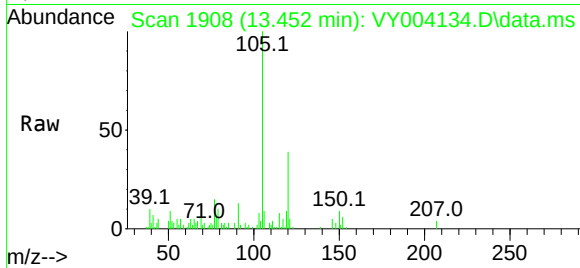




#88
1,4-Dichlorobenzene
Concen: 1.57 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

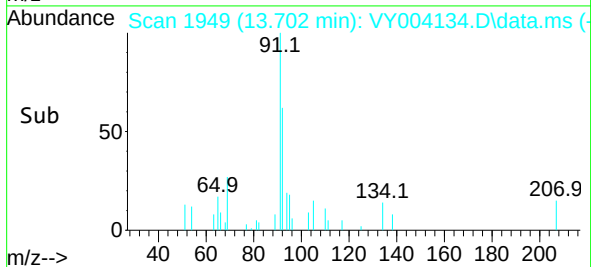
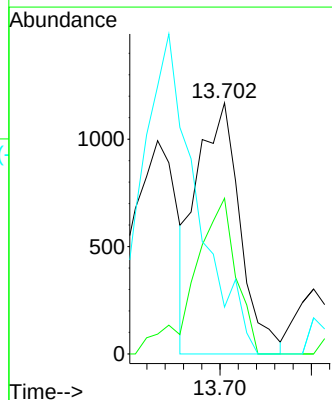
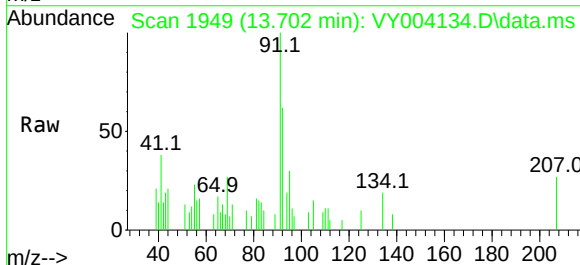
Instrument :
MSVOA_Y
ClientSampleId :
RO124027

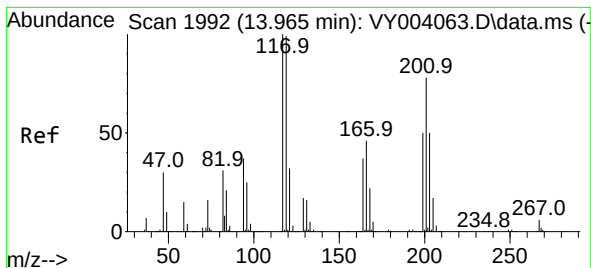
Tgt Ion:146 Resp: 443
Ion Ratio Lower Upper
146 100
111 166.8 18.6 55.8#
148 72.7 31.8 95.4



#89
n-Butylbenzene
Concen: 3.43 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion: 91 Resp: 1923
Ion Ratio Lower Upper
91 100
92 60.1 26.5 79.4
134 0.0 13.2 39.5#

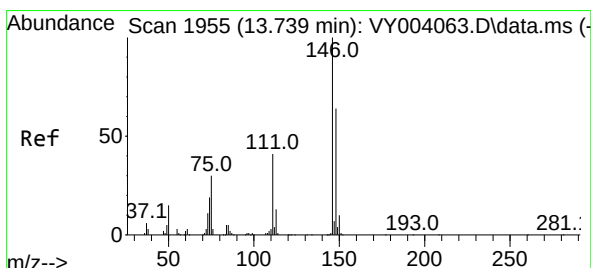
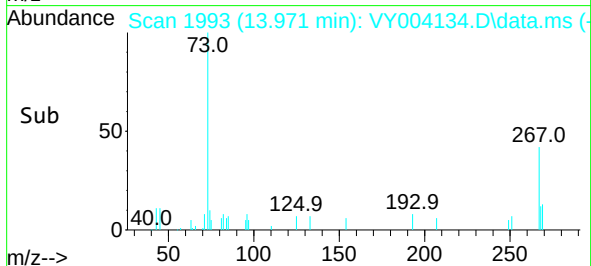
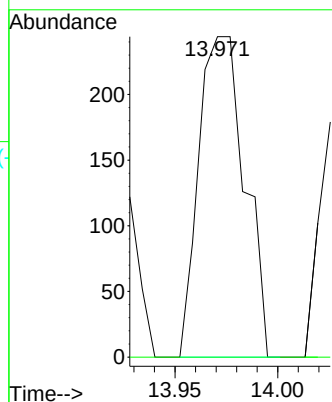
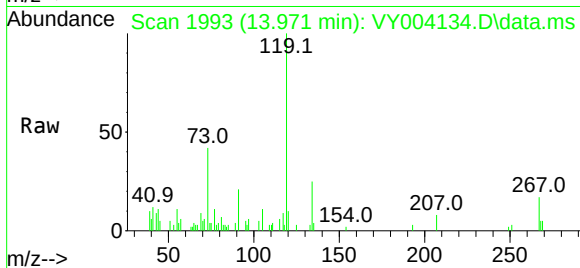




#90
Hexachloroethane
Concen: 3.59 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

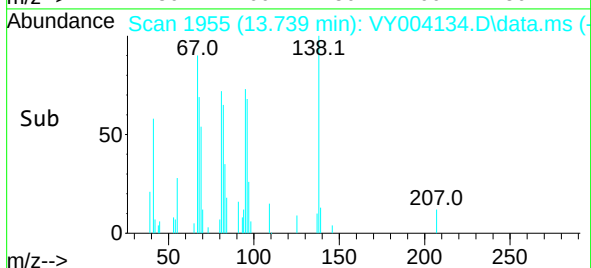
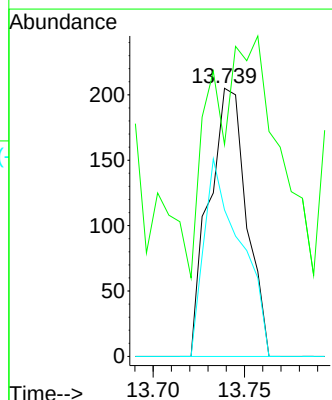
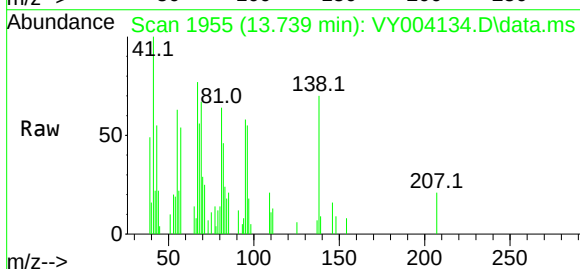
Instrument :
MSVOA_Y
ClientSampleId :
RO124027

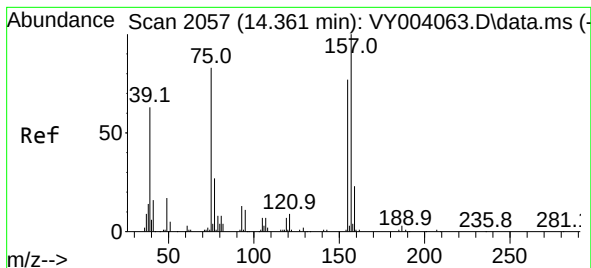
Tgt Ion:117 Resp: 381
Ion Ratio Lower Upper
117 100
201 0.0 46.0 138.0#



#91
1,2-Dichlorobenzene
Concen: 1.17 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion:146 Resp: 293
Ion Ratio Lower Upper
146 100
111 0.0 19.6 58.8#
148 71.7 31.9 95.7

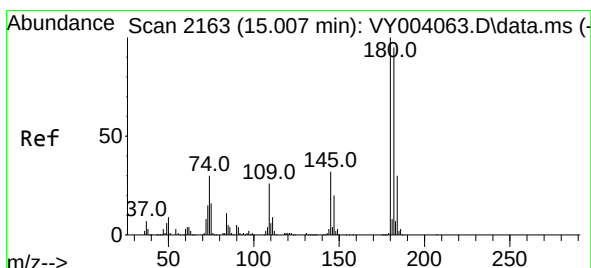
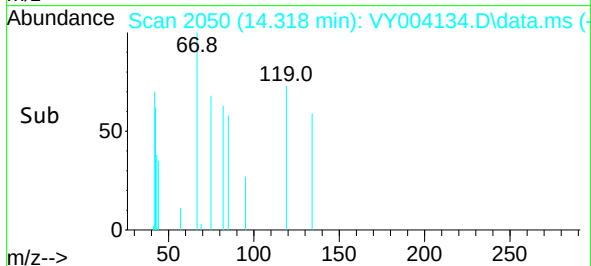
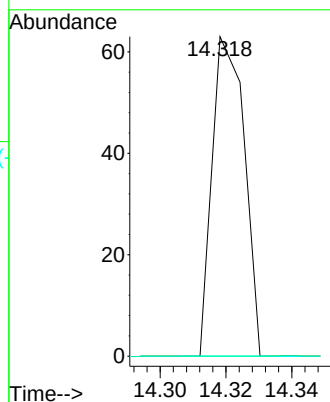
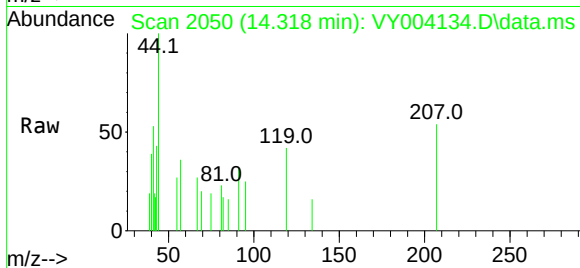




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.07 ug/l
RT: 14.318 min Scan# 2050
Delta R.T. -0.043 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

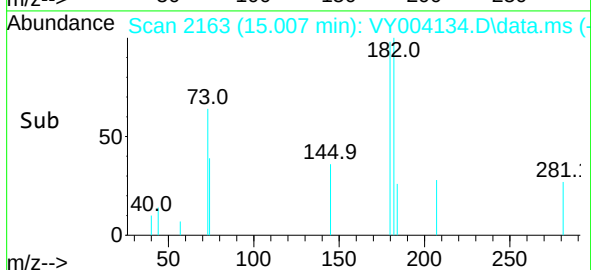
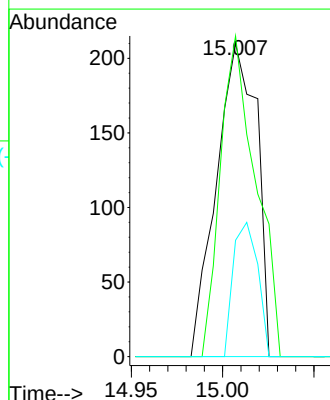
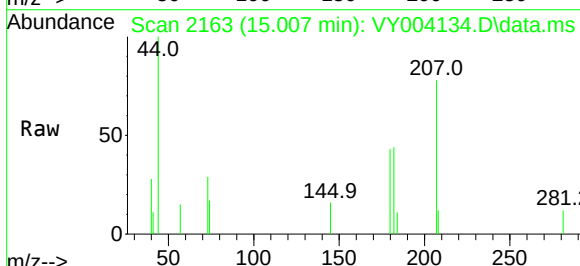
Instrument :
MSVOA_Y
ClientSampleId :
RO124027

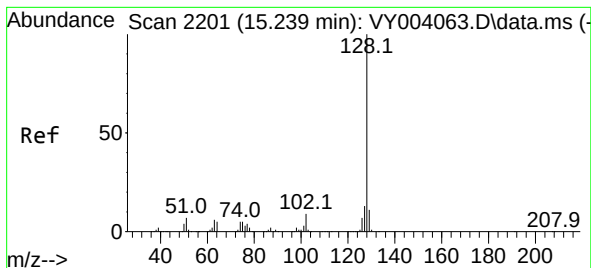
Tgt Ion: 75 Resp: 43
Ion Ratio Lower Upper
75 100
155 0.0 42.8 128.4#
157 0.0 52.4 157.3#



#93
1,2,4-Trichlorobenzene
Concen: 1.90 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion:180 Resp: 322
Ion Ratio Lower Upper
180 100
182 89.8 48.0 144.0
145 26.1 14.1 42.2

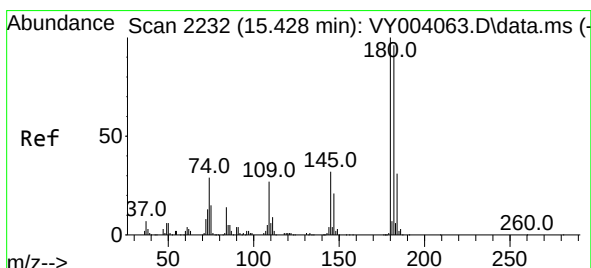
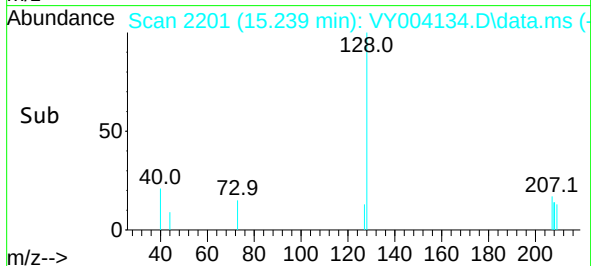
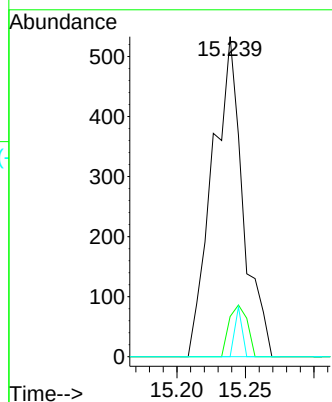
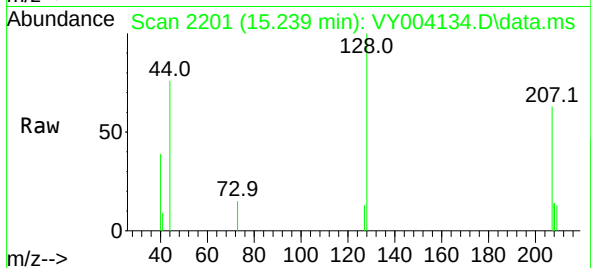




#95
Naphthalene
Concen: 2.45 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Instrument :
MSVOA_Y
ClientSampleId :
RO124027

Tgt Ion:128 Resp: 825
Ion Ratio Lower Upper
128 100
127 9.6 10.6 16.0#
129 3.6 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.18 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY004134.D
Acq: 19 Mar 2021 13:15

Tgt Ion:180 Resp: 311
Ion Ratio Lower Upper
180 100
182 88.7 47.6 142.8
145 19.6 15.3 45.9

