

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
 Data File : VY005820.D
 Acq On : 24 Aug 2021 14:47
 Operator : SY/MD
 Sample : M3463-19RE
 Misc : 3.80G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-18-0204RE

Quant Time: Aug 25 04:29:55 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)

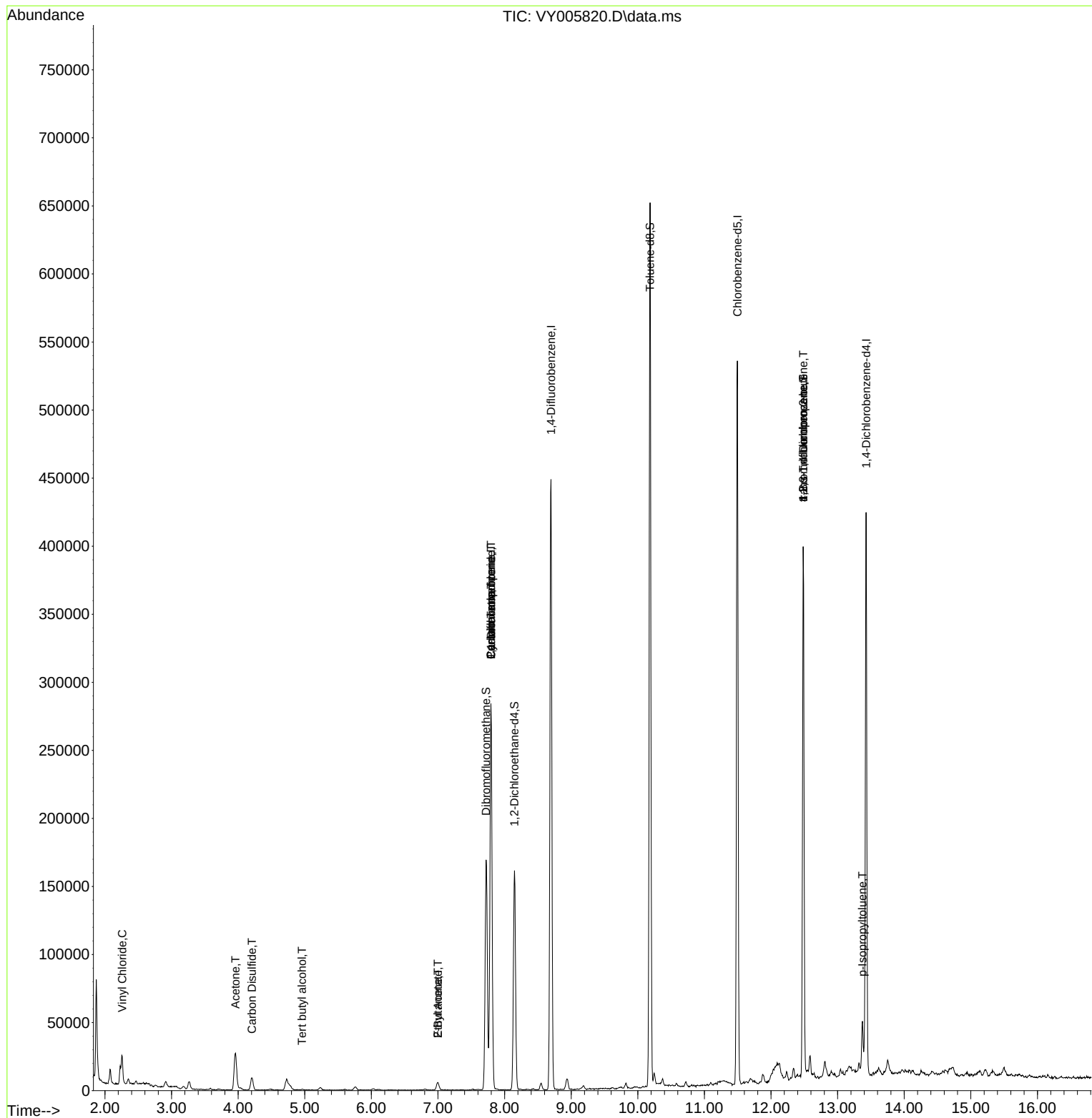
Internal Standards						
1) Pentafluorobenzene	7.795	168	229258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	391030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	291532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	131834	56.809	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.620%			
35) Dibromofluoromethane	7.722	113	115808	52.898	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.800%			
50) Toluene-d8	10.185	98	417272	45.446	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.900%			
62) 4-Bromofluorobenzene	12.483	95	112296	36.933	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 73.860%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.259	62	5871	2.179	ug/l #	88
11) Tert butyl alcohol	4.960	59	972	4.237	ug/l #	73
16) Acetone	3.960	43	47914	81.891	ug/l	93
17) Carbon Disulfide	4.204	76	18364	3.015	ug/l	100
20) Methylene Chloride	4.728	84	5548	Below Cal	#	86
25) 2-Butanone	6.996	43	4094	4.734	ug/l #	86
31) Cyclohexane	7.795	56	4862	1.221	ug/l #	13
36) 1,1-Dichloropropene	7.795	75	16009	4.365	ug/l #	49
37) Ethyl Acetate	6.996	43	4094	1.843	ug/l #	19
38) Carbon Tetrachloride	7.795	117	20357	5.107	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	61351	57.684	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61351	116.283	ug/l #	11
86) p-Isopropyltoluene	13.373	119	16103	2.437	ug/l	94

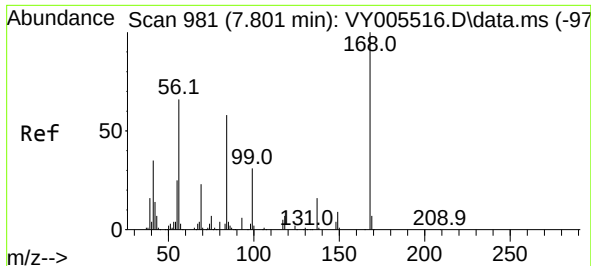
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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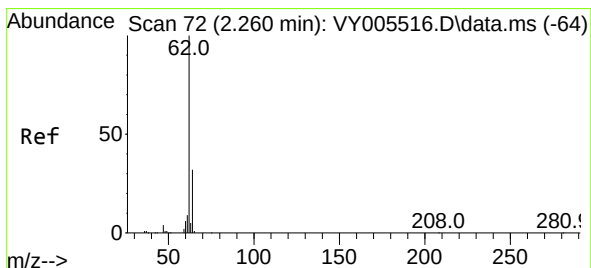
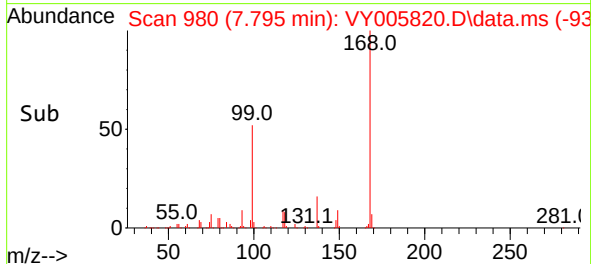
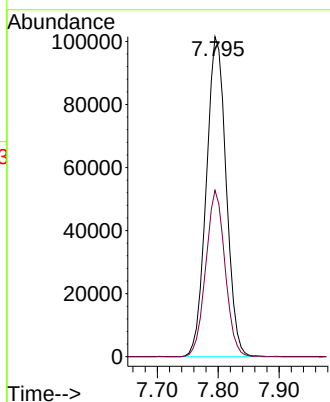
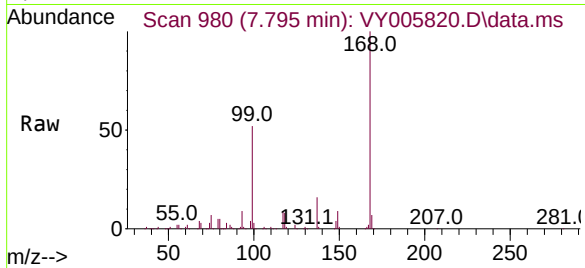




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

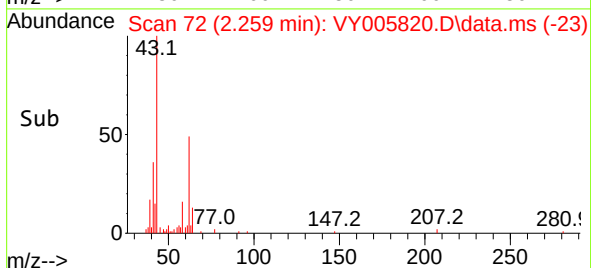
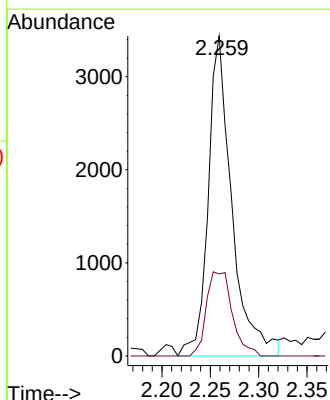
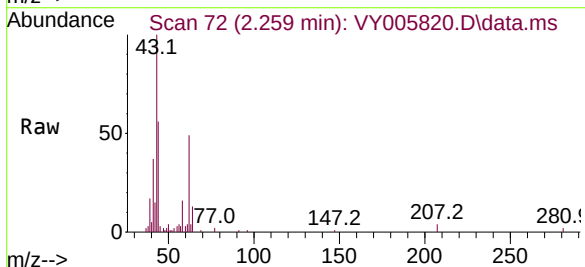
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-18-0204RE

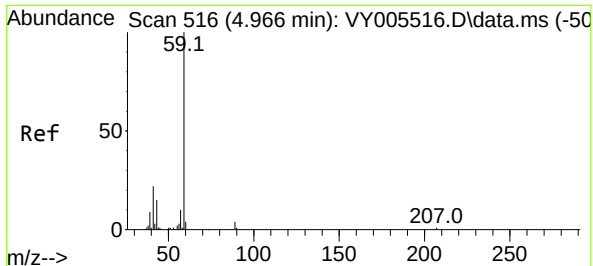
Tgt Ion:168 Resp: 229258
Ion Ratio Lower Upper
168 100
99 52.0 38.9 58.3



#4
Vinyl Chloride
Concen: 2.179 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

Tgt Ion: 62 Resp: 5871
Ion Ratio Lower Upper
62 100
64 25.6 25.9 38.9#



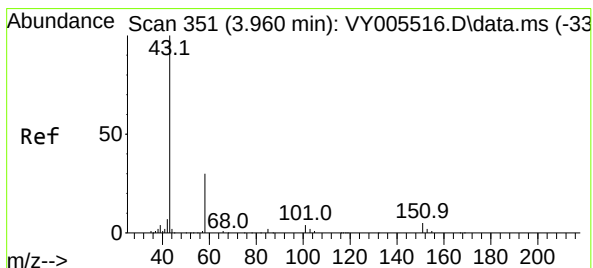
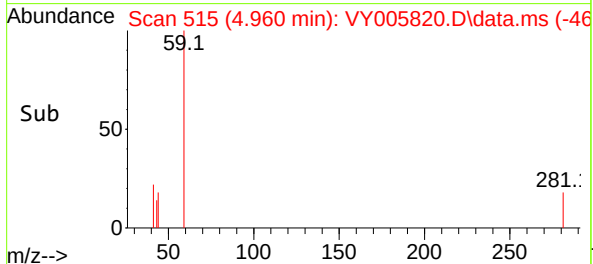
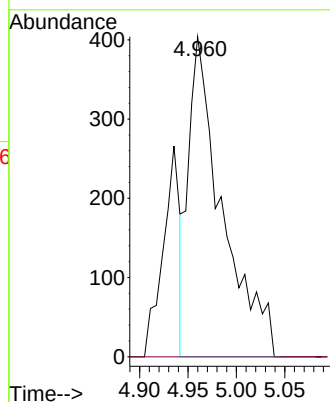
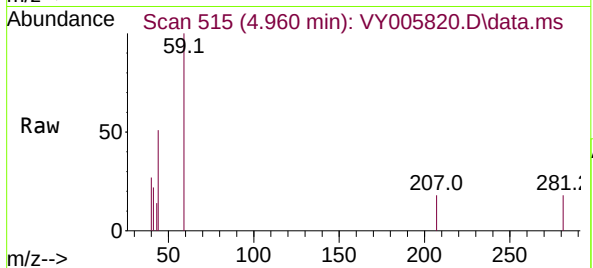


#11

Tert butyl alcohol
Concen: 4.237 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

Instrument :
MSVOA_Y
ClientSampleId :
SWCS-18-0204RE

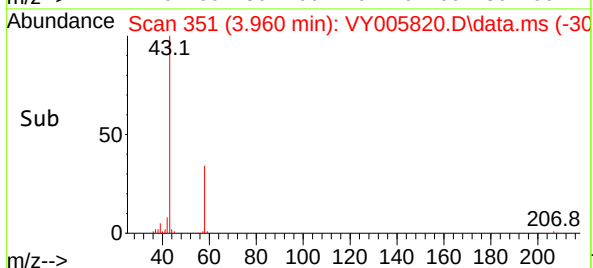
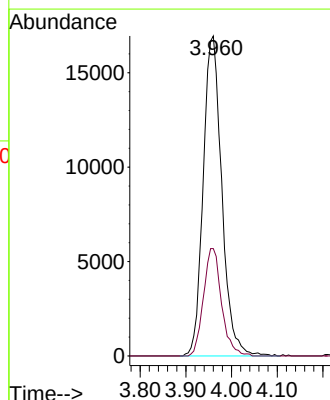
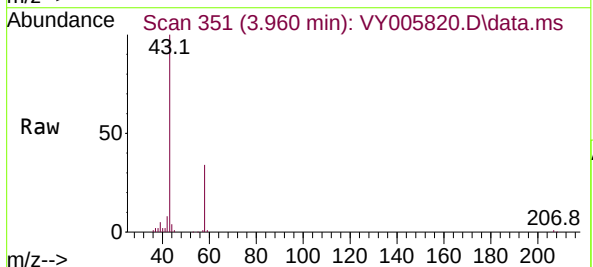
Tgt Ion: 59 Resp: 972
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

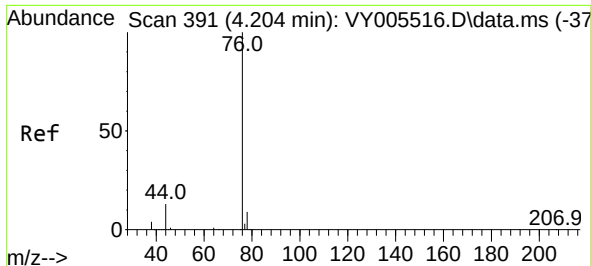


#16

Acetone
Concen: 81.891 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

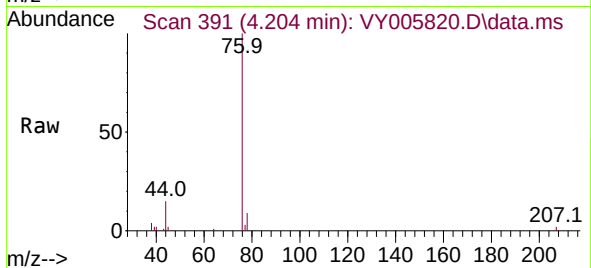
Tgt Ion: 43 Resp: 47914
Ion Ratio Lower Upper
43 100
58 33.6 23.8 35.6



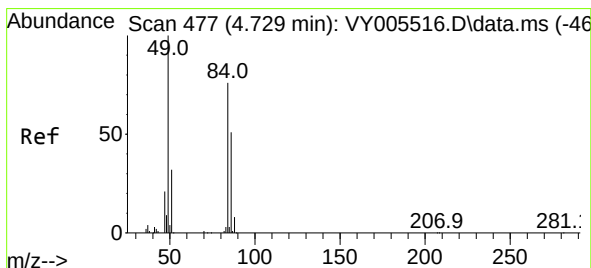
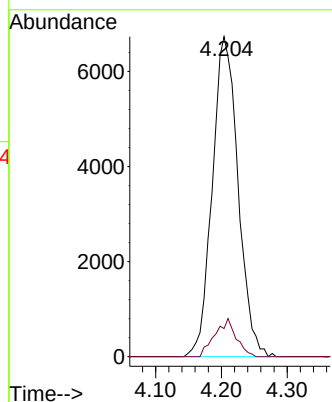
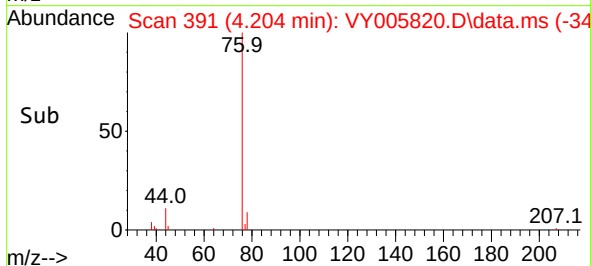


#17
Carbon Disulfide
Concen: 3.015 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

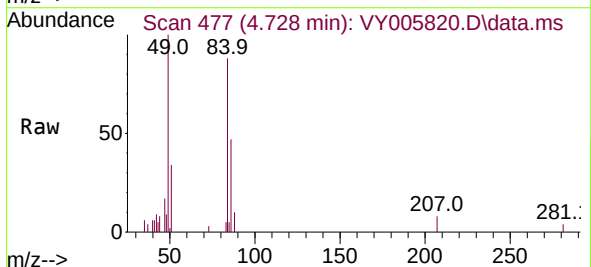
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-18-0204RE



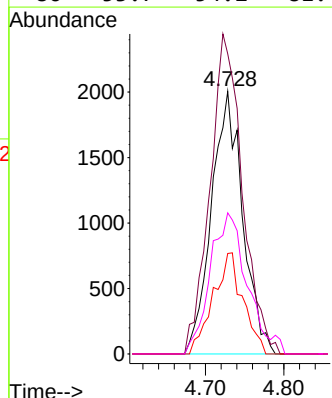
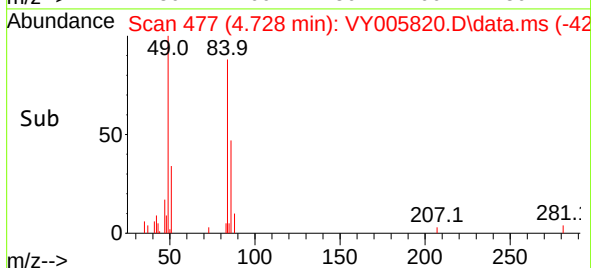
Tgt Ion: 76 Resp: 18364
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

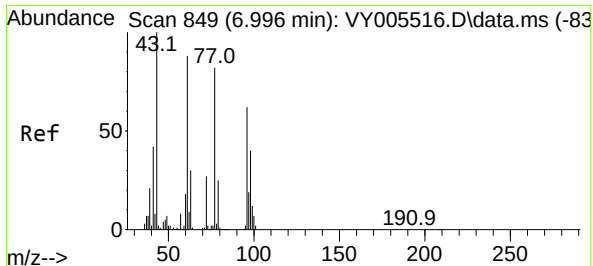


#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47



Tgt Ion: 84 Resp: 5548
Ion Ratio Lower Upper
84 100
49 114.3 105.8 158.6
51 38.3 33.4 50.2
86 53.7 54.2 81.4#





#25

2-Butanone

Concen: 4.734 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY005820.D

Acq: 24 Aug 2021 14:47

Tgt Ion: 43 Resp: 4094

Ion Ratio Lower Upper

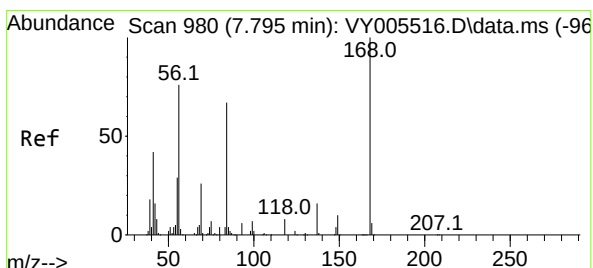
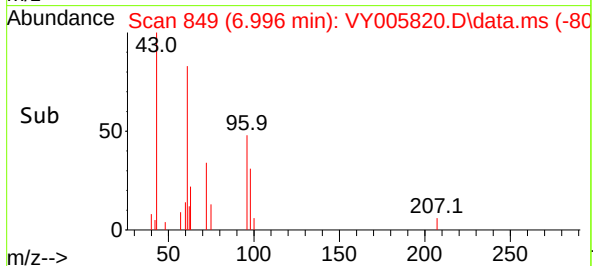
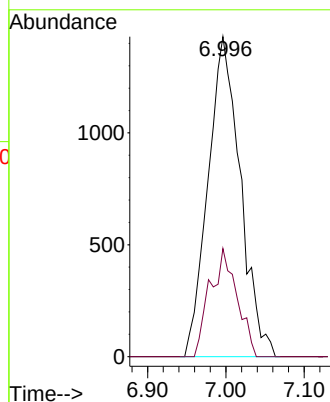
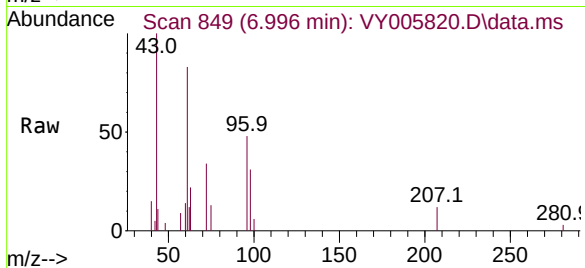
43 100
72 33.8 21.4 32.2#

Instrument :

MSVOA_Y

ClientSampleId :

SWCS-18-0204RE



#31

Cyclohexane

Concen: 1.221 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

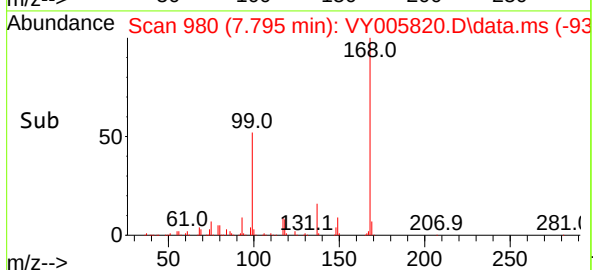
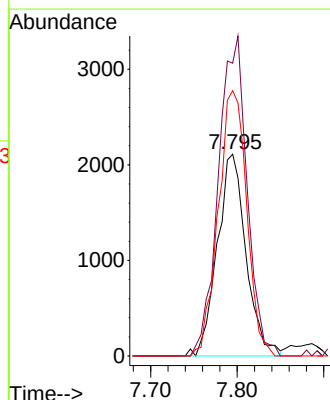
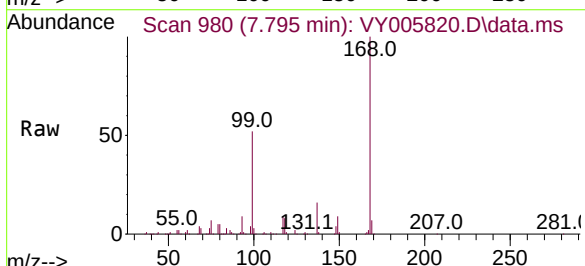
Lab File: VY005820.D

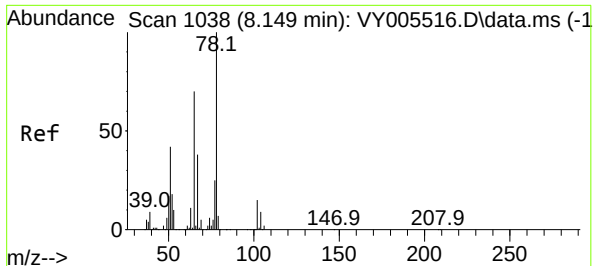
Acq: 24 Aug 2021 14:47

Tgt Ion: 56 Resp: 4862

Ion Ratio Lower Upper

56 100
69 145.1 27.7 41.5#
84 131.4 70.9 106.3#

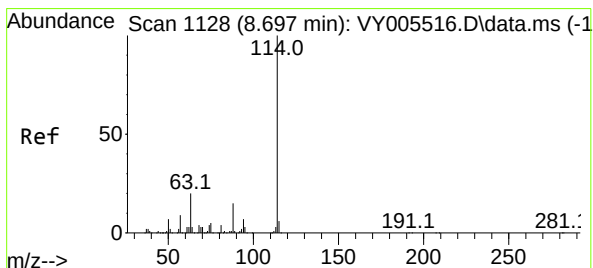
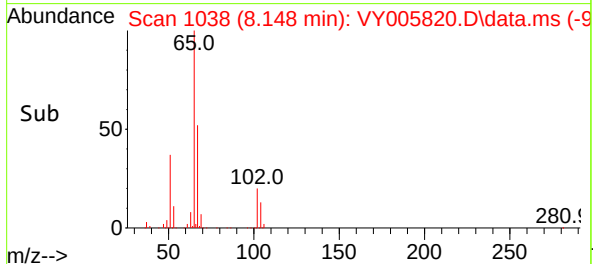
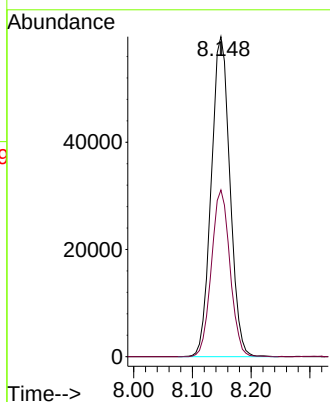
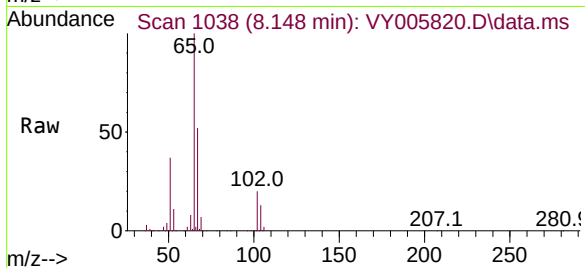




#33
1,2-Dichloroethane-d4
Concen: 56.809 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

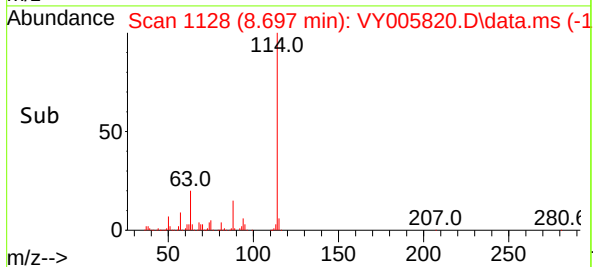
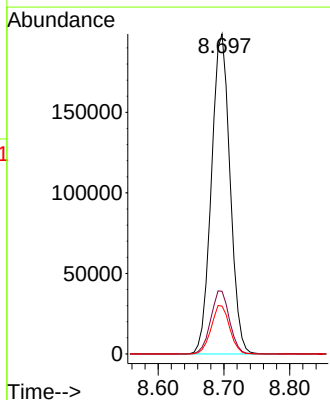
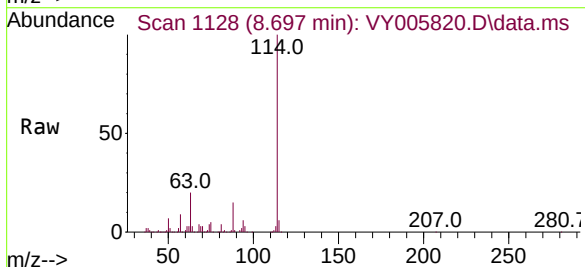
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SWCS-18-0204RE

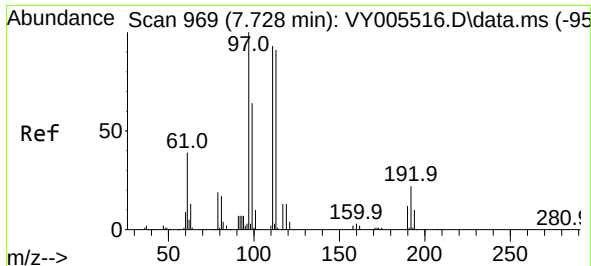
Tgt Ion: 65 Resp: 131834
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

Tgt Ion: 114 Resp: 391030
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.2
88 15.0 0.0 30.8

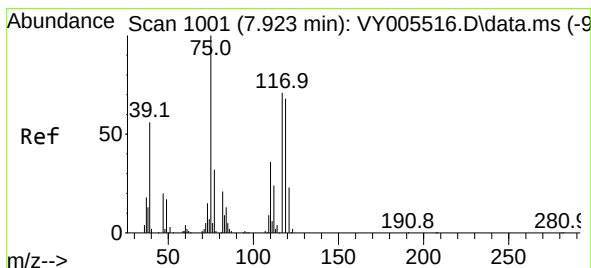
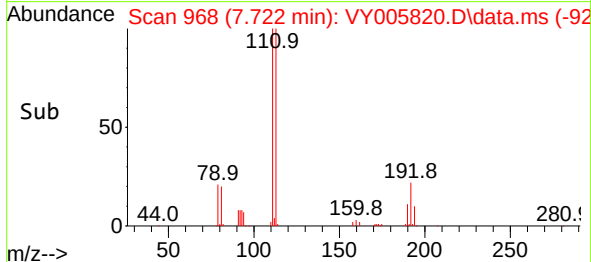
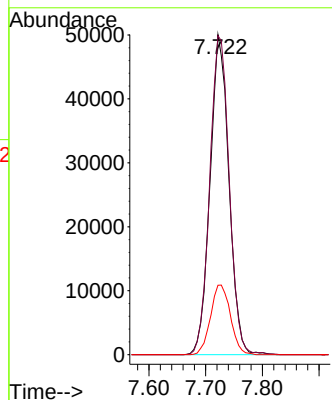
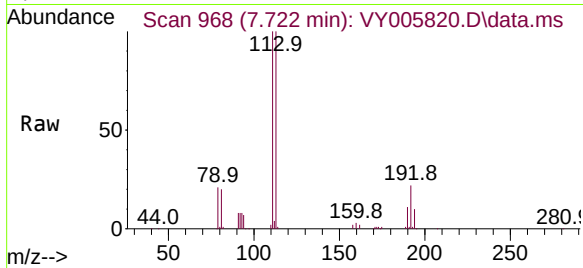




#35
Dibromofluoromethane
Concen: 52.898 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

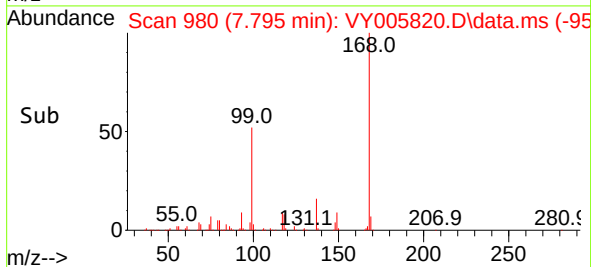
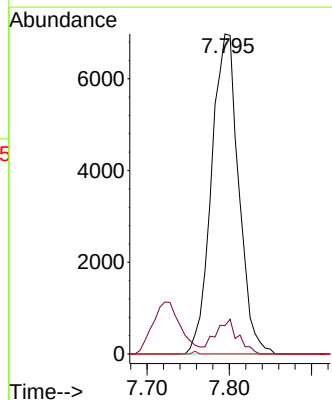
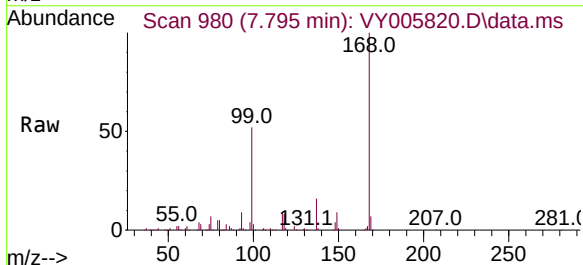
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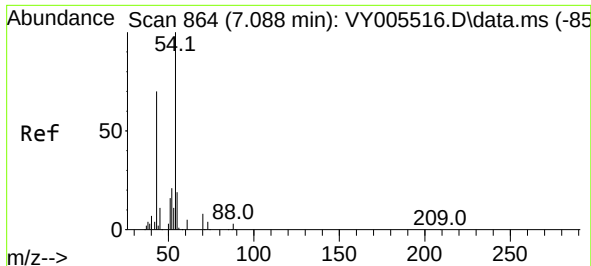
Tgt Ion:113 Resp: 115808
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 22.9 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.365 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

Tgt Ion: 75 Resp: 16009
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.843 ug/l

RT: 6.996 min Scan# 849

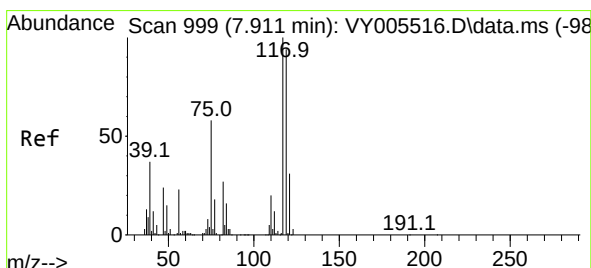
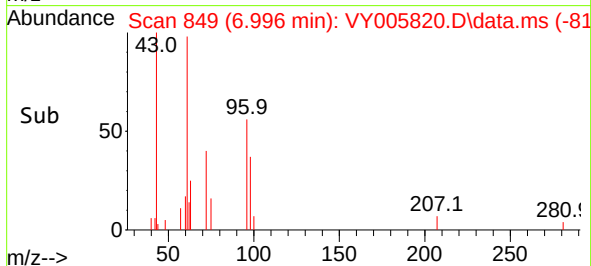
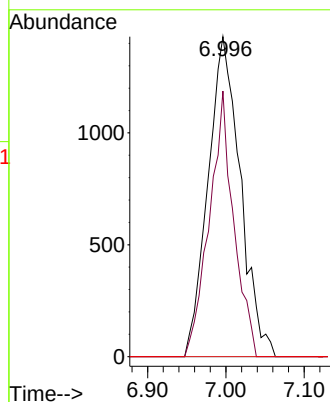
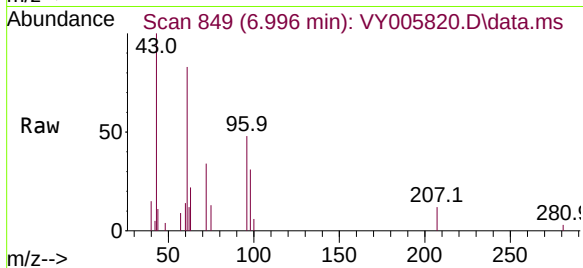
Delta R.T. -0.092 min

Lab File: VY005820.D

Acq: 24 Aug 2021 14:47

Tgt Ion:	43	Resp:	4094
Ion	Ratio	Lower	Upper
43	100		
61	62.7	10.6	15.8#
70	0.0	8.6	13.0#

Instrument :
MSVOA_Y
ClientSampleId :
SWCS-18-0204RE



#38

Carbon Tetrachloride

Concen: 5.107 ug/l

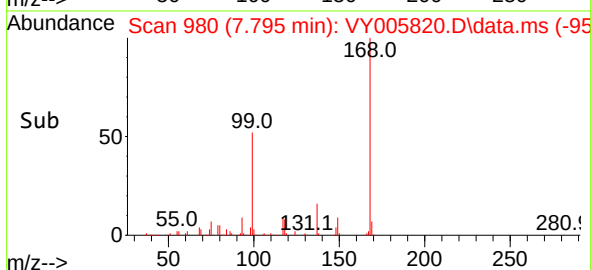
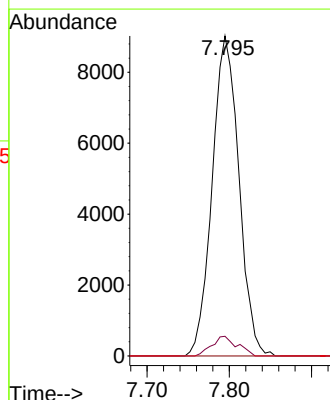
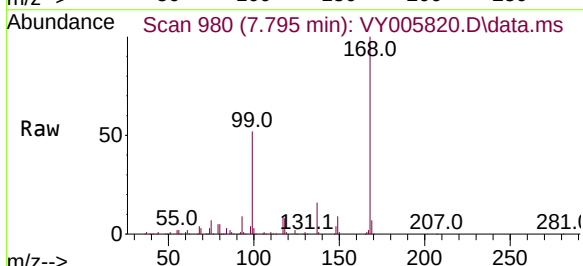
RT: 7.795 min Scan# 980

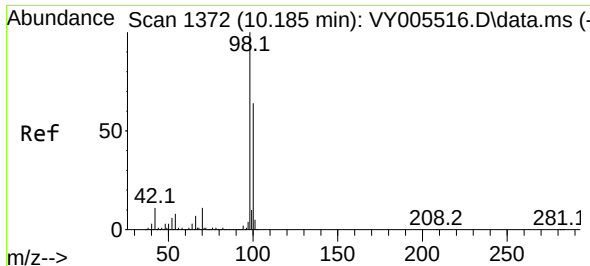
Delta R.T. -0.116 min

Lab File: VY005820.D

Acq: 24 Aug 2021 14:47

Tgt Ion:	117	Resp:	20357
Ion	Ratio	Lower	Upper
117	100		
119	6.2	75.4	113.0#
121	0.0	25.1	37.7#

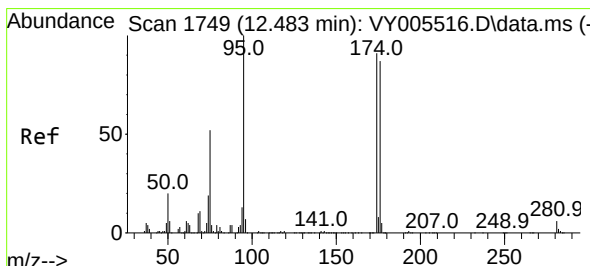
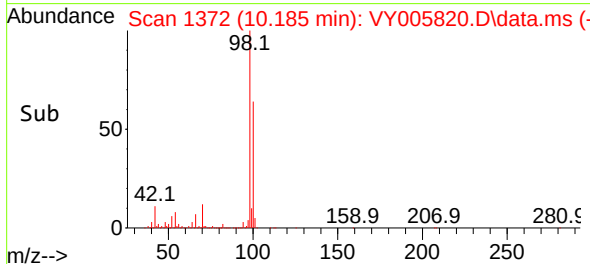
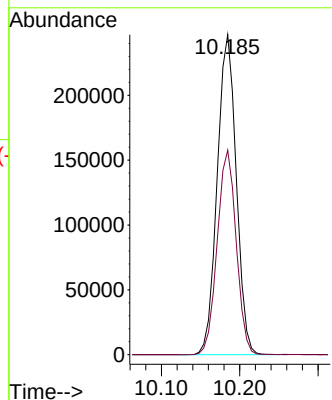
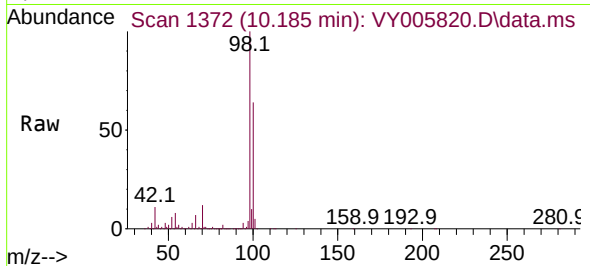




#50
Toluene-d8
Concen: 45.446 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

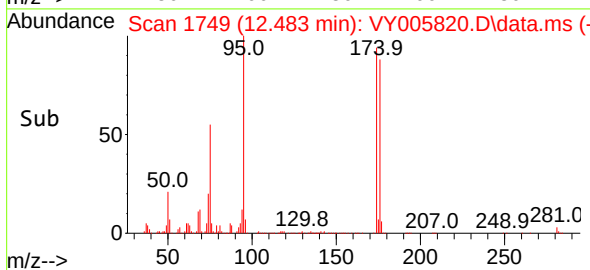
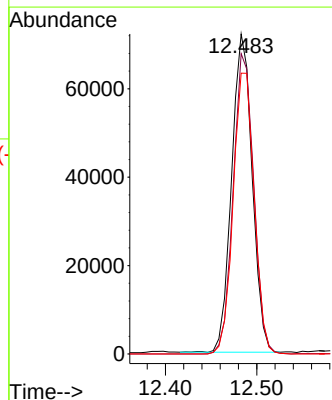
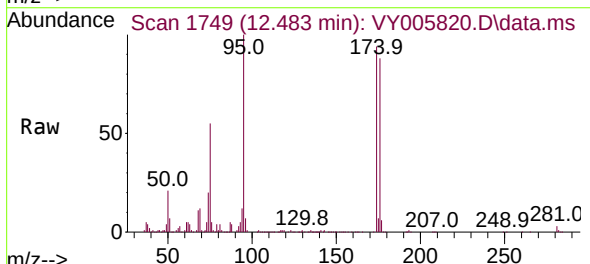
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-18-0204RE

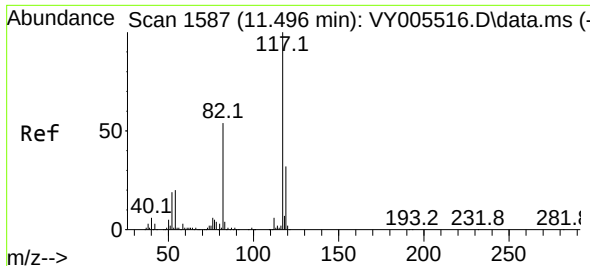
Tgt Ion: 98 Resp: 417272
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 36.933 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

Tgt Ion: 95 Resp: 112296
Ion Ratio Lower Upper
95 100
174 94.3 0.0 191.4
176 90.6 0.0 183.6

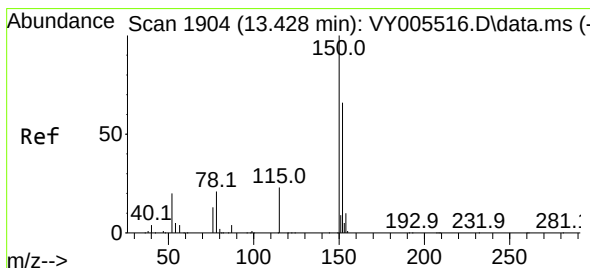
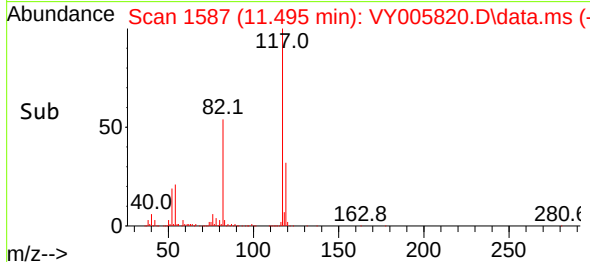
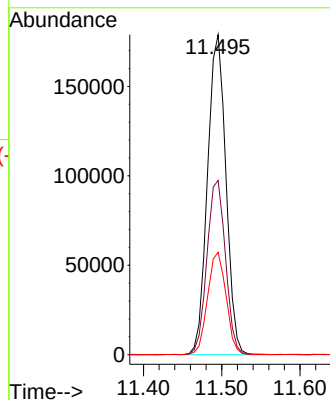
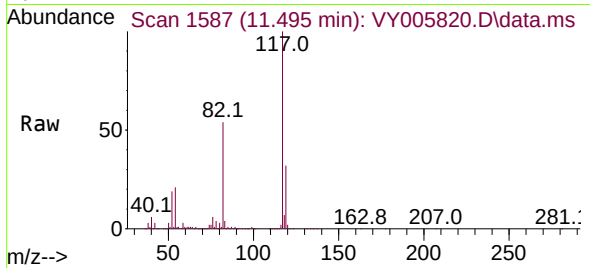




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

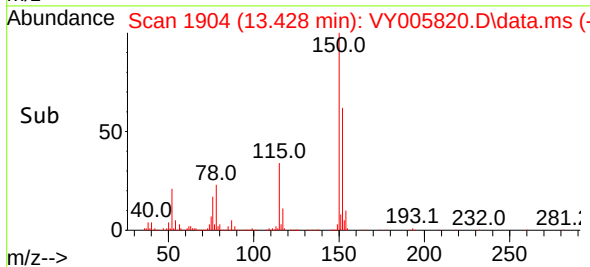
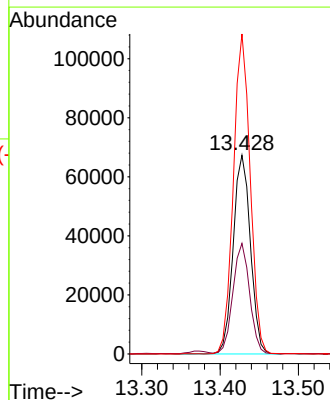
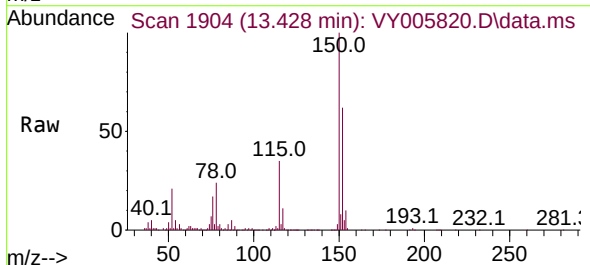
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-18-0204RE

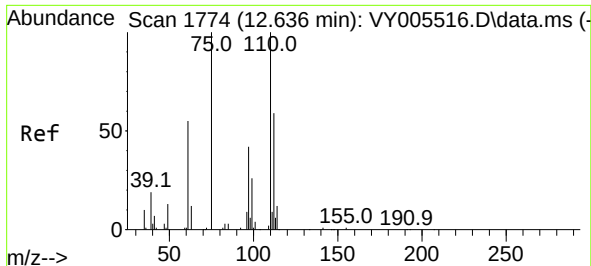
Tgt Ion:	117	Resp:	291532
Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.5	65.3
119	32.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

Tgt Ion:	152	Resp:	102633
Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.3	81.9
150	157.0	0.0	350.2

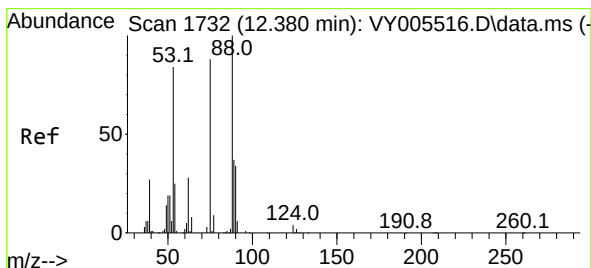
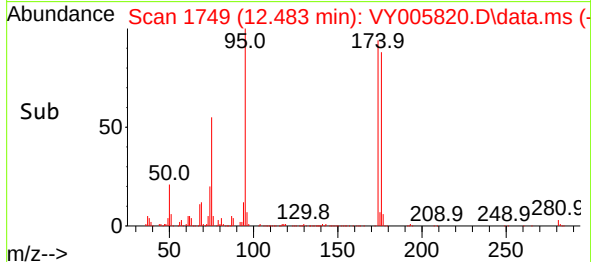
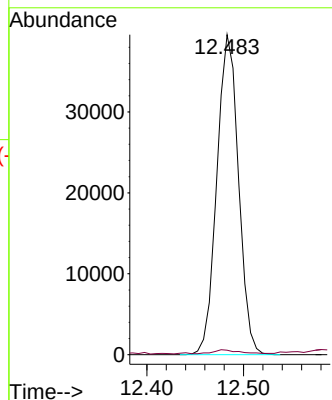
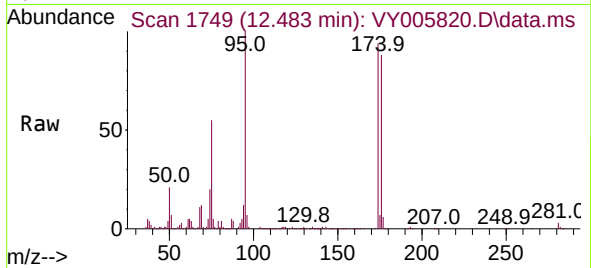




#76
1,2,3-Trichloropropane
Concen: 57.684 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

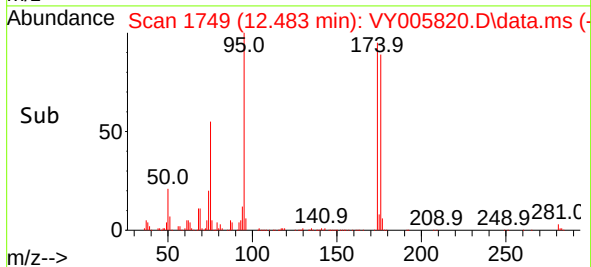
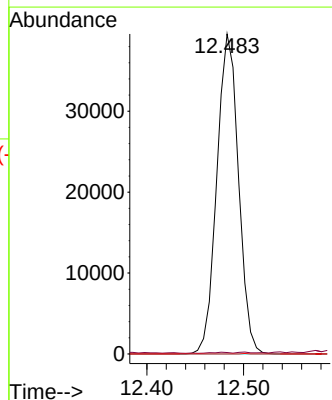
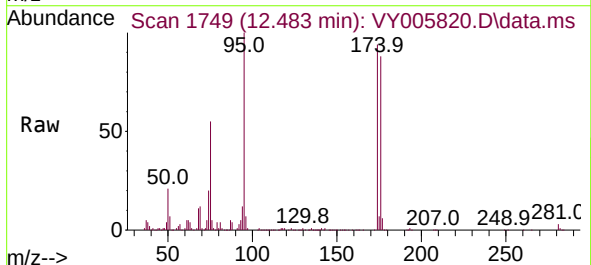
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-18-0204RE

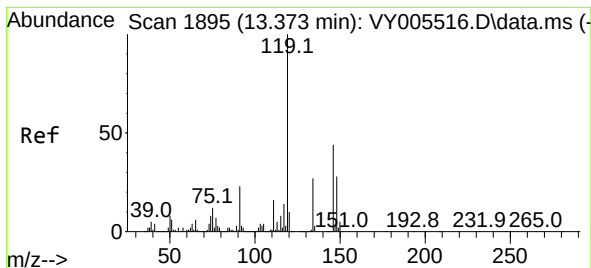
Tgt Ion: 75 Resp: 61351
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.283 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

Tgt Ion: 75 Resp: 61351
Ion Ratio Lower Upper
75 100
53 0.2 76.7 115.1#
89 0.0 38.4 57.6#





#86
 p-Isopropyltoluene
 Concen: 2.437 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY005820.D
 Acq: 24 Aug 2021 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-18-0204RE

Tgt Ion:119 Resp: 16103
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.6 40.7
 91 28.9 11.6 34.7

