

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083021\
 Data File : VY005895.D
 Acq On : 30 Aug 2021 15:50
 Operator : SY/MD
 Sample : M3577-02
 Misc : 6.17G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 191-0827-B1-DP

Quant Time: Aug 31 02:51:34 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)

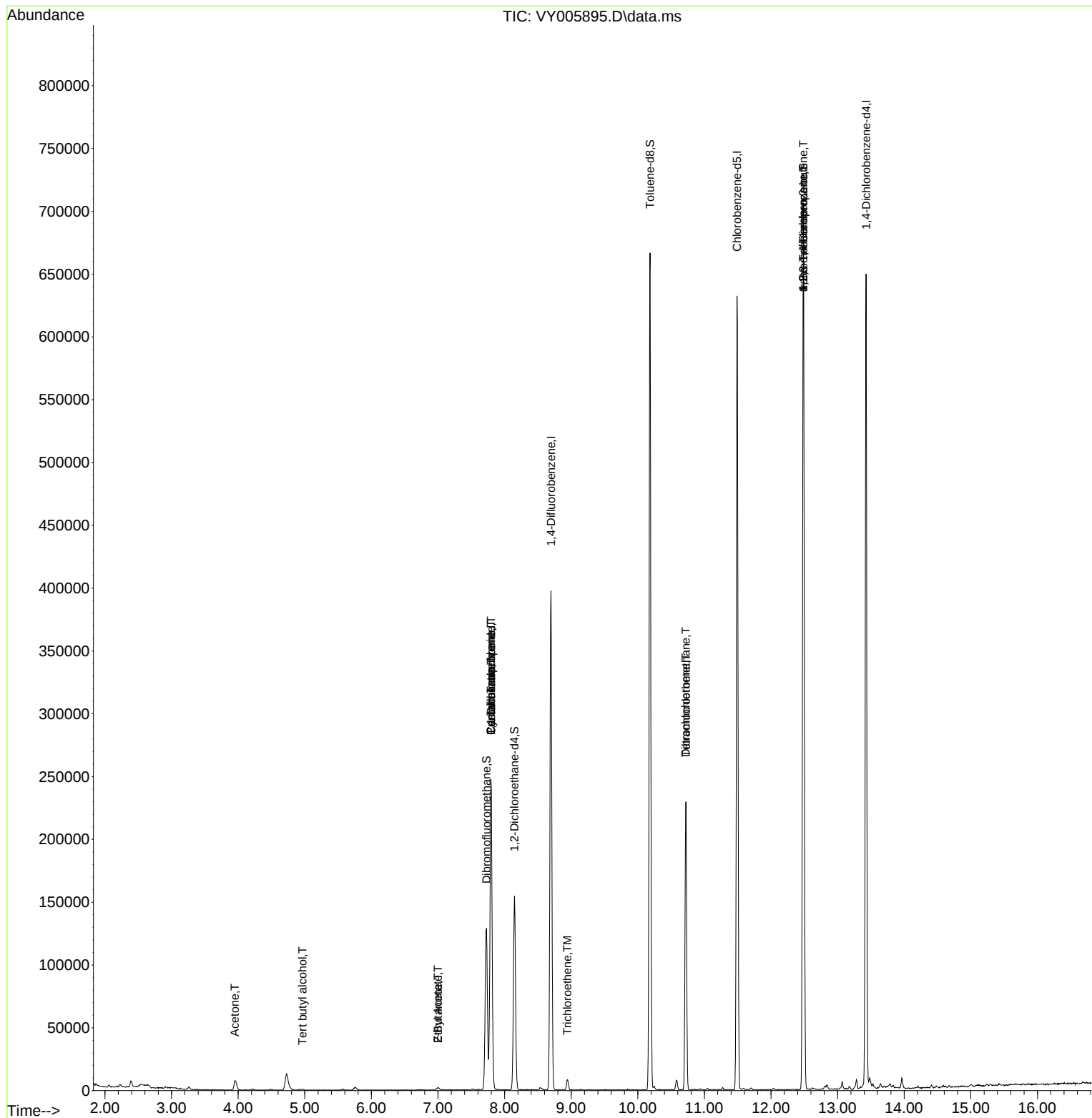
Internal Standards						
1) Pentafluorobenzene	7.795	168	201828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	341890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	346063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124829	61.101	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.200%	
35) Dibromofluoromethane	7.728	113	90253	47.150	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.300%	
50) Toluene-d8	10.185	98	433779	54.034	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.060%	
62) 4-Bromofluorobenzene	12.483	95	150262	56.523	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.040%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	1472	7.288	ug/l #	77
16) Acetone	3.948	43	13696	26.589	ug/l	93
20) Methylene Chloride	4.729	84	10103	Below Cal		88
25) 2-Butanone	6.996	43	2869	3.768	ug/l	99
31) Cyclohexane	7.795	56	3747	1.069	ug/l #	3
36) 1,1-Dichloropropene	7.795	75	13877	4.328	ug/l #	49
37) Ethyl Acetate	6.996	43	2869	1.477	ug/l #	72
38) Carbon Tetrachloride	7.795	117	18041	5.176	ug/l #	18
44) Trichloroethene	8.941	130	3194	1.274	ug/l	87
60) Dibromochloromethane	10.721	129	42258	18.579	ug/l #	11
64) Tetrachloroethene	10.721	164	53030	20.132	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	81514	46.451	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81514	93.639	ug/l #	11

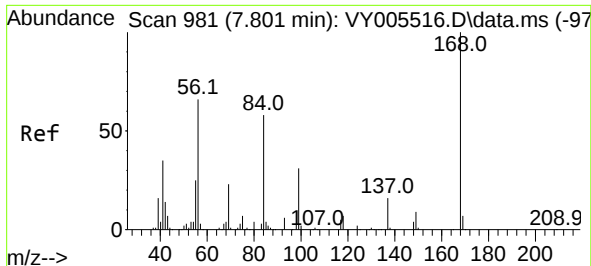
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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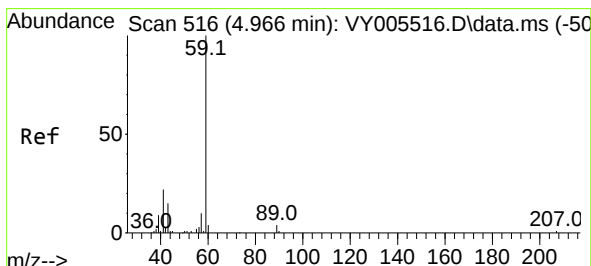
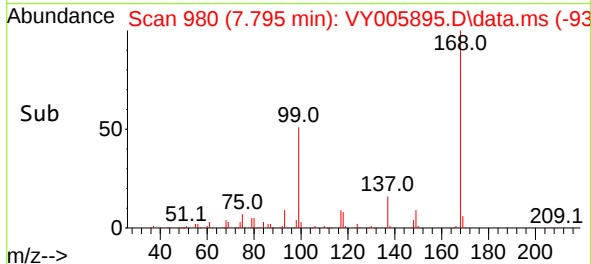
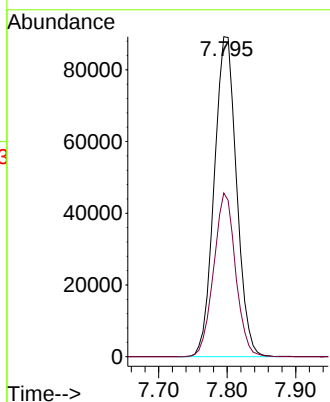
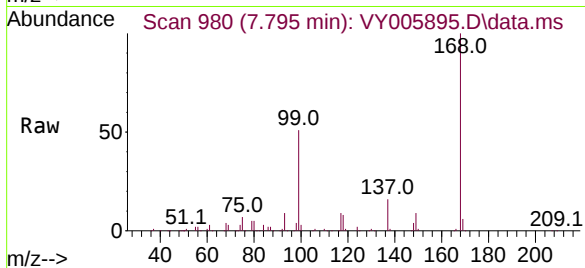




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005895.D
Acq: 30 Aug 2021 15:50

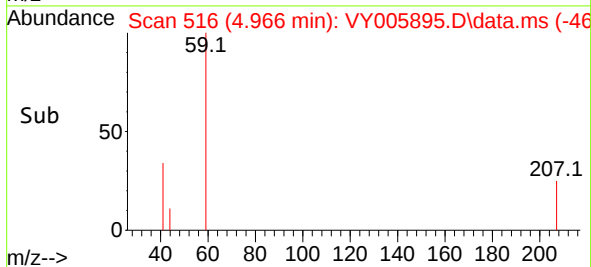
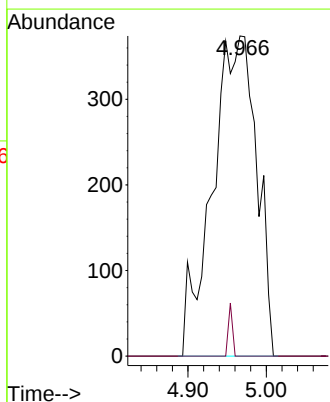
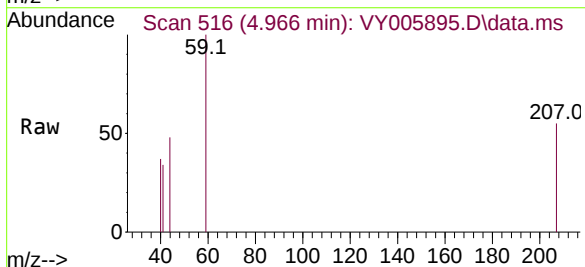
Instrument :
MSVOA_Y
ClientSampleId :
191-0827-B1-DP

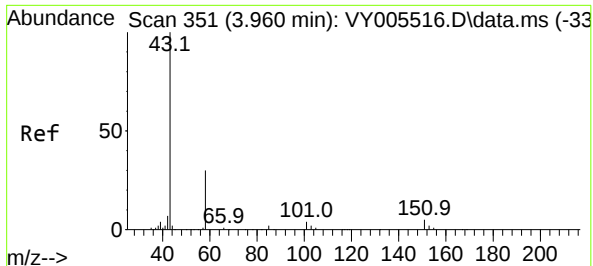
Tgt Ion:168 Resp: 201828
Ion Ratio Lower Upper
168 100
99 51.1 38.9 58.3



#11
Tert butyl alcohol
Concen: 7.288 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY005895.D
Acq: 30 Aug 2021 15:50

Tgt Ion: 59 Resp: 1472
Ion Ratio Lower Upper
59 100
57 1.6 8.0 12.0#

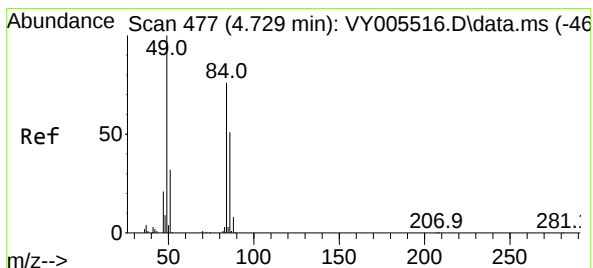
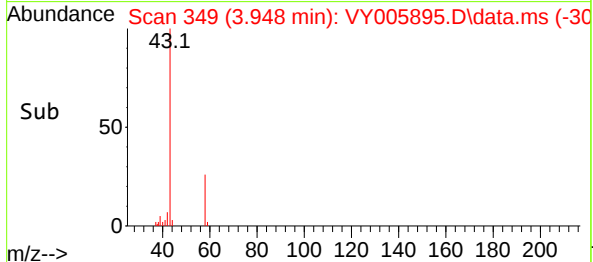
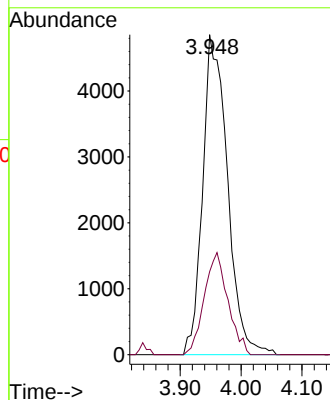
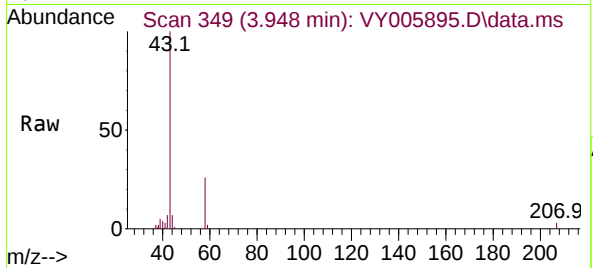




#16
Acetone
Concen: 26.589 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY005895.D
Acq: 30 Aug 2021 15:50

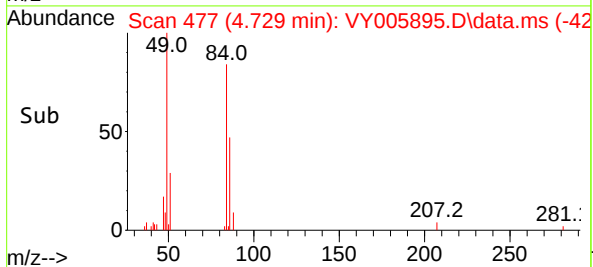
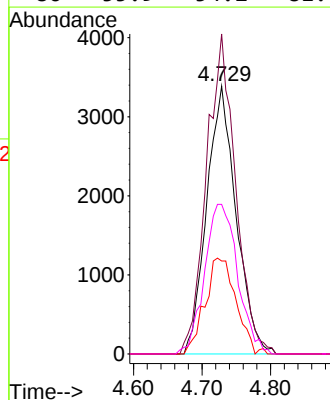
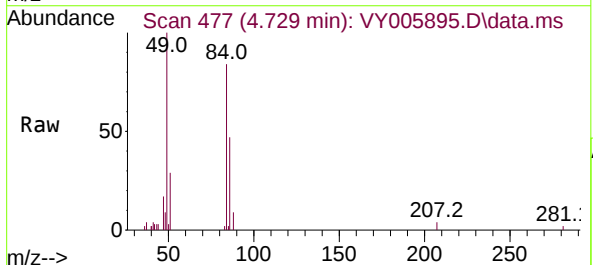
Instrument :
MSVOA_Y
ClientSampleId :
191-0827-B1-DP

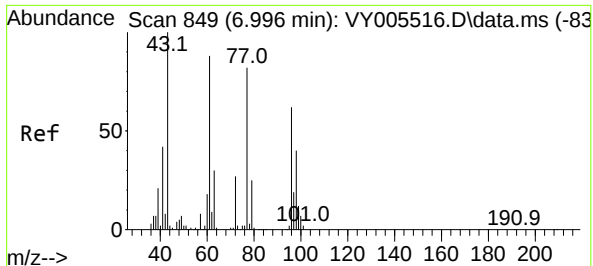
Tgt Ion: 43 Resp: 13696
Ion Ratio Lower Upper
43 100
58 25.9 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005895.D
Acq: 30 Aug 2021 15:50

Tgt Ion: 84 Resp: 10103
Ion Ratio Lower Upper
84 100
49 119.5 105.8 158.6
51 34.7 33.4 50.2
86 55.9 54.2 81.4





#25

2-Butanone

Concen: 3.768 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY005895.D

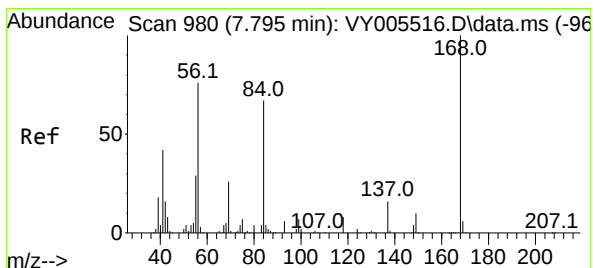
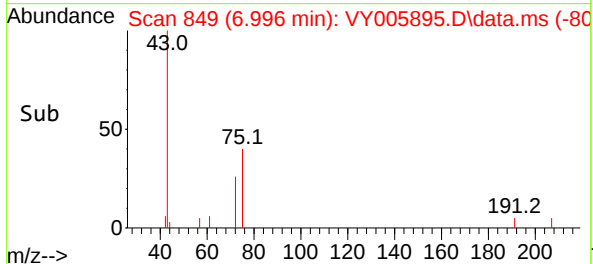
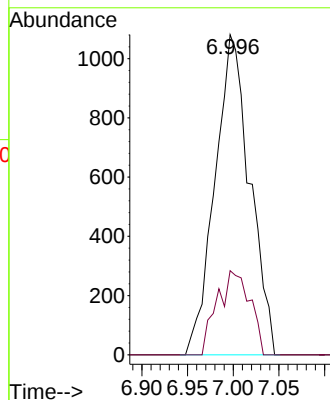
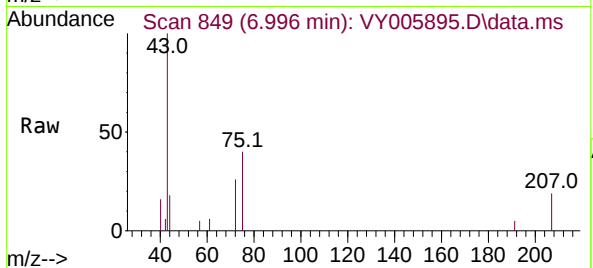
Acq: 30 Aug 2021 15:50

Tgt Ion: 43 Resp: 2869

Ion Ratio Lower Upper

43 100

72 26.3 21.4 32.2



#31

Cyclohexane

Concen: 1.069 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY005895.D

Acq: 30 Aug 2021 15:50

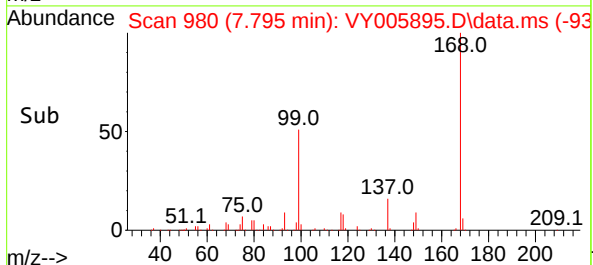
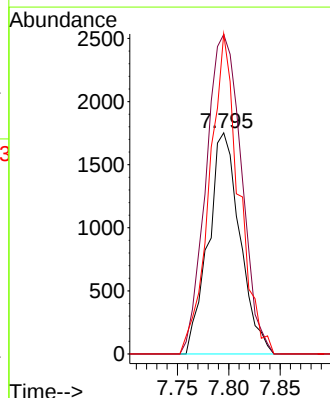
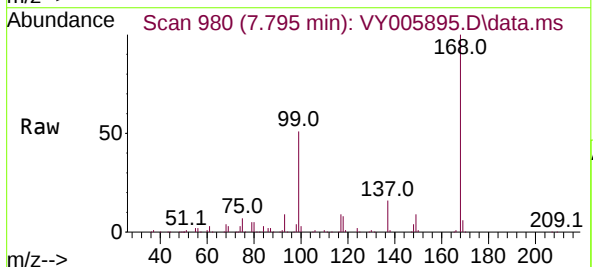
Tgt Ion: 56 Resp: 3747

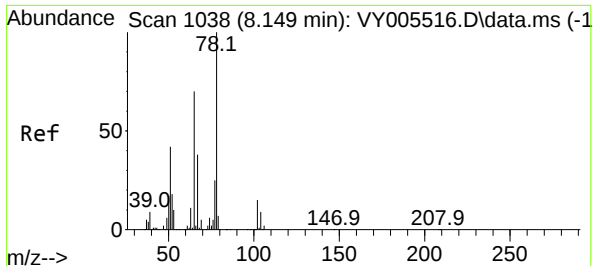
Ion Ratio Lower Upper

56 100

69 144.5 27.7 41.5#

84 144.7 70.9 106.3#

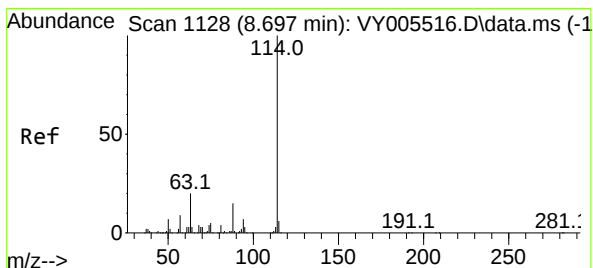
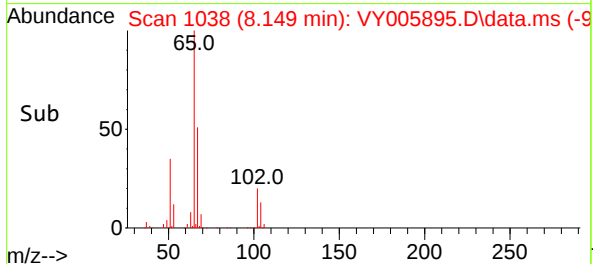
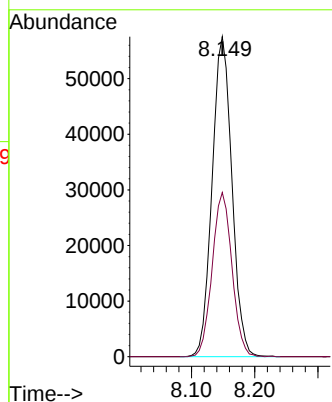
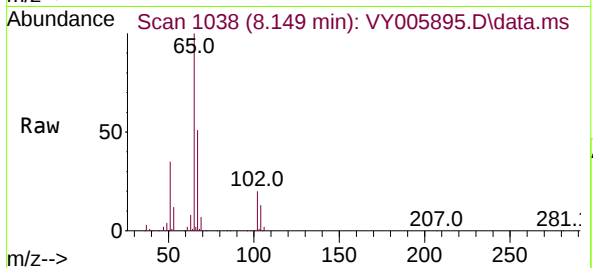




#33
1,2-Dichloroethane-d4
Concen: 61.101 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005895.D
Acq: 30 Aug 2021 15:50

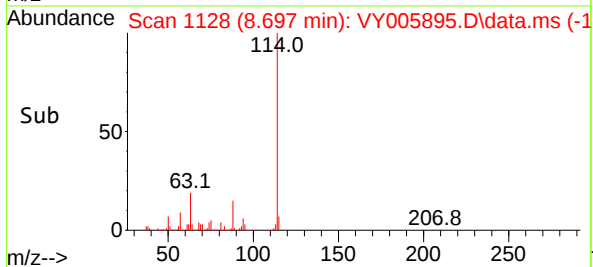
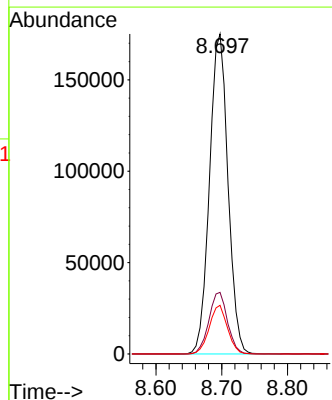
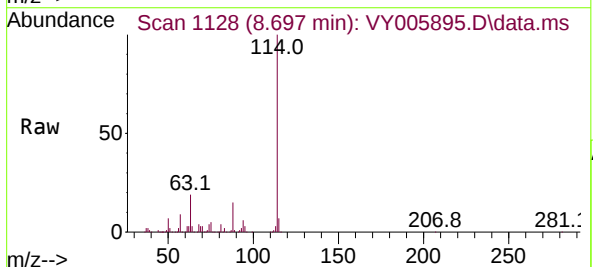
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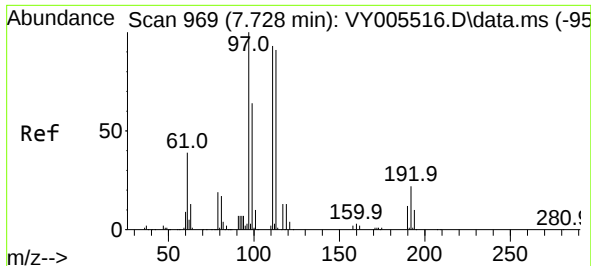
Tgt Ion: 65 Resp: 124829
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005895.D
Acq: 30 Aug 2021 15:50

Tgt Ion: 114 Resp: 341890
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.2
88 15.2 0.0 30.8

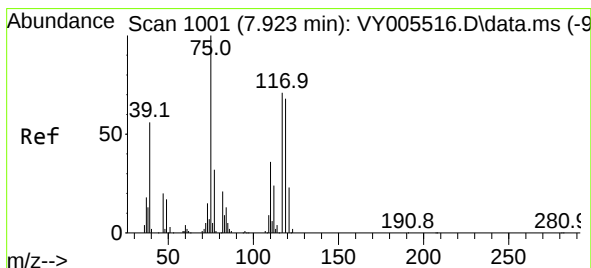
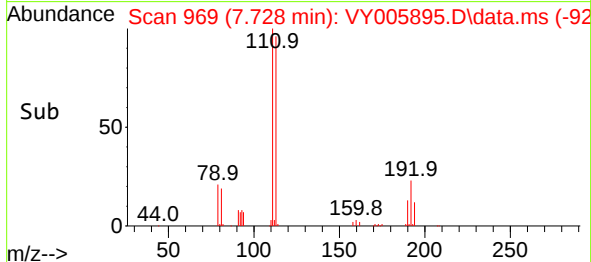
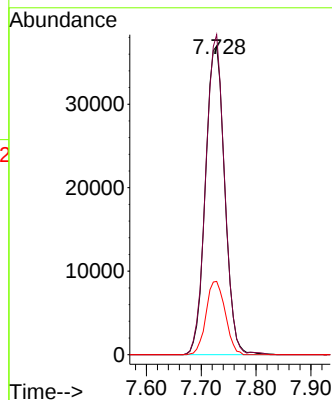
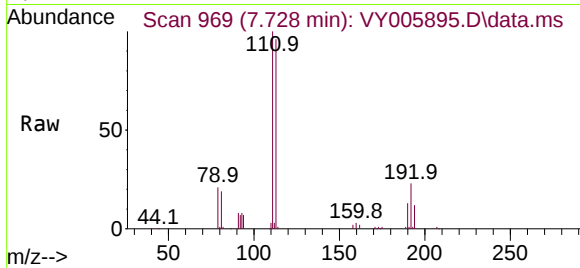




#35
Dibromofluoromethane
Concen: 47.150 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005895.D
Acq: 30 Aug 2021 15:50

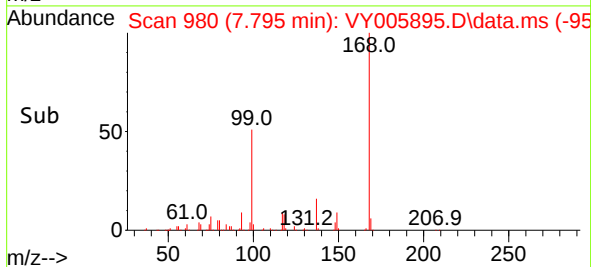
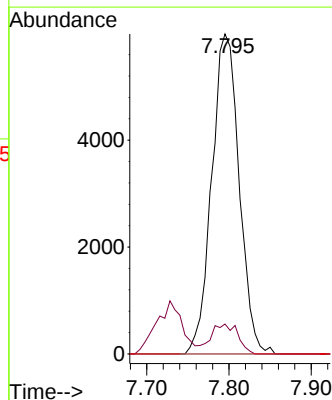
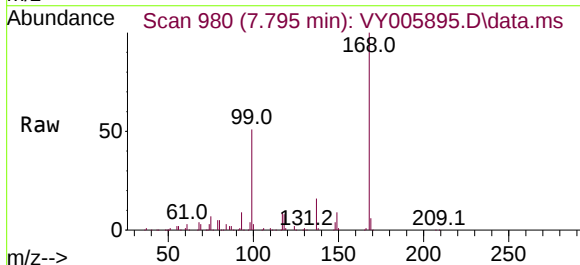
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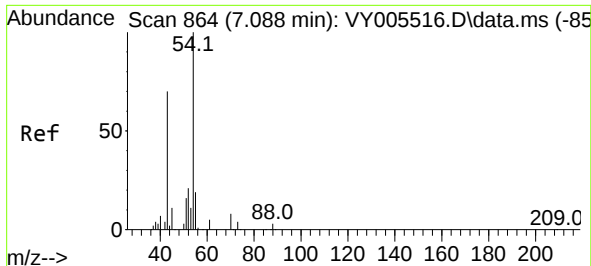
Tgt Ion:113 Resp: 90253
Ion Ratio Lower Upper
113 100
111 100.9 81.9 122.9
192 23.6 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.328 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005895.D
Acq: 30 Aug 2021 15:50

Tgt Ion: 75 Resp: 13877
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.477 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.091 min

Lab File: VY005895.D

Acq: 30 Aug 2021 15:50

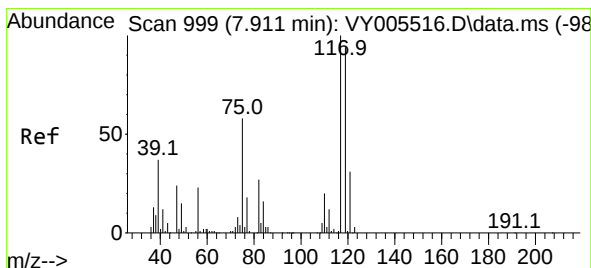
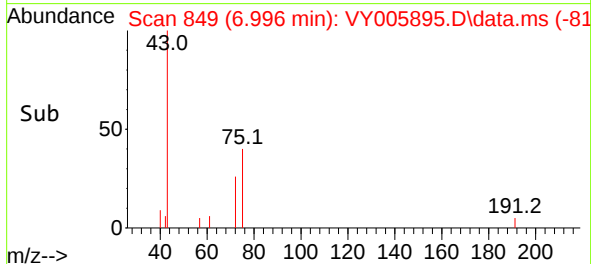
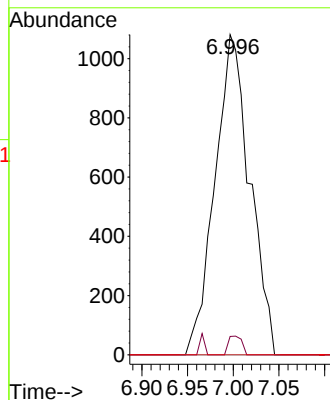
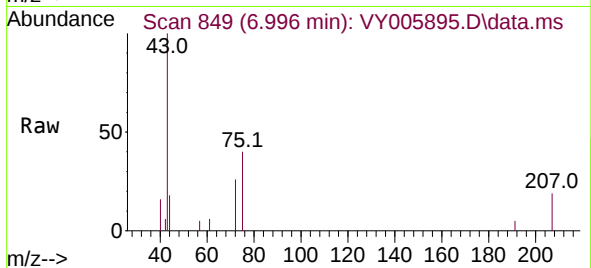
Instrument :

MSVOA_Y

ClientSampleId :

191-0827-B1-DP

Tgt Ion: 43	Resp: 2869
Ion Ratio	Lower Upper
43 100	
61 2.3	10.6 15.8#
70 0.0	8.6 13.0#



#38

Carbon Tetrachloride

Concen: 5.176 ug/l

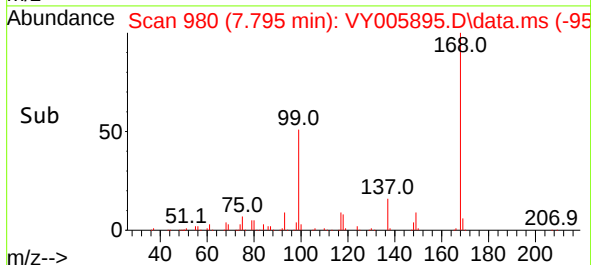
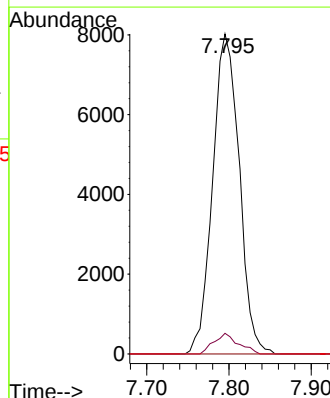
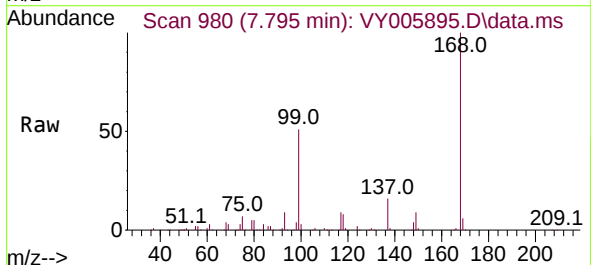
RT: 7.795 min Scan# 980

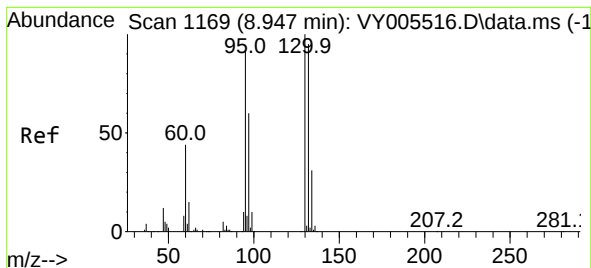
Delta R.T. -0.116 min

Lab File: VY005895.D

Acq: 30 Aug 2021 15:50

Tgt Ion: 117	Resp: 18041
Ion Ratio	Lower Upper
117 100	
119 6.4	75.4 113.0#
121 0.0	25.1 37.7#





#44

Trichloroethene

Concen: 1.274 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.006 min

Lab File: VY005895.D

Acq: 30 Aug 2021 15:50

Tgt Ion:130 Resp: 3194

Ion Ratio Lower Upper

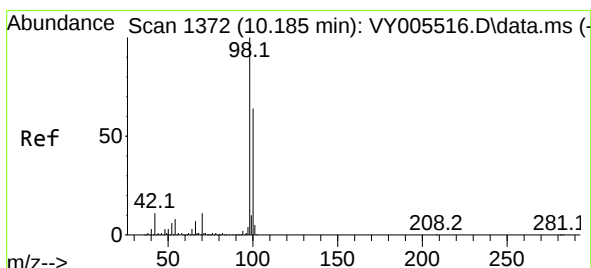
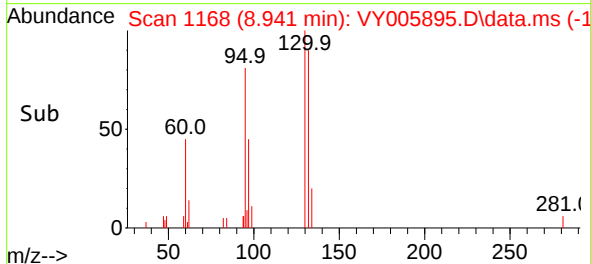
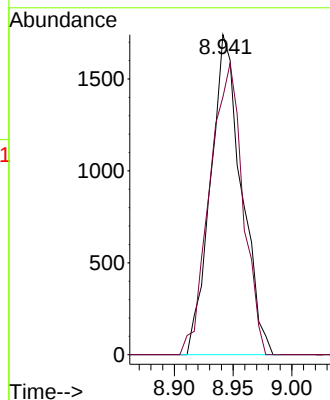
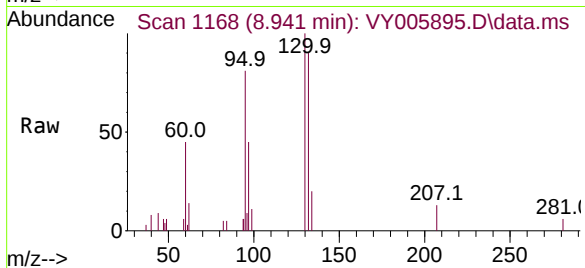
Ion	Ratio	Lower	Upper
130	100		
95	80.5	0.0	185.0

Instrument :

MSVOA_Y

ClientSampleId :

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#50

Toluene-d8

Concen: 54.034 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

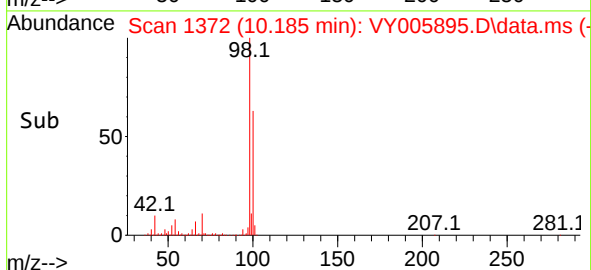
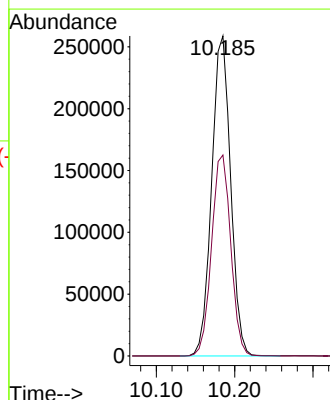
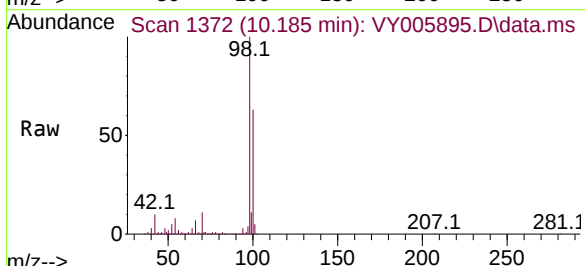
Lab File: VY005895.D

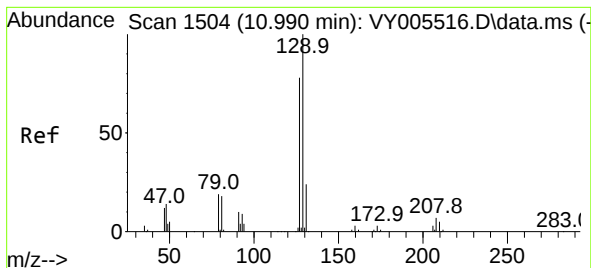
Acq: 30 Aug 2021 15:50

Tgt Ion: 98 Resp: 433779

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.3	76.9

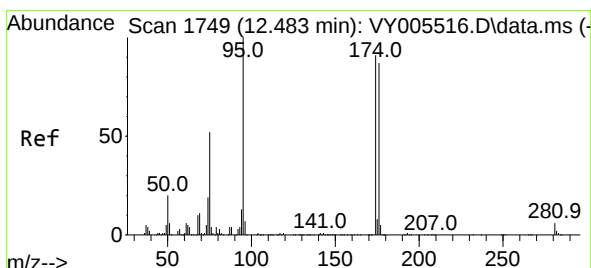
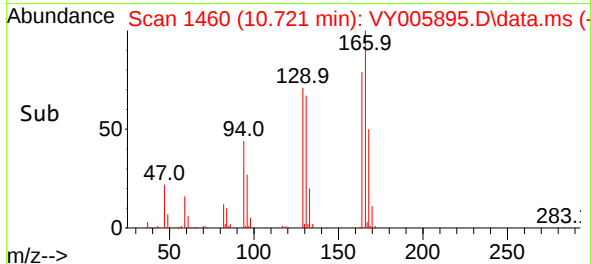
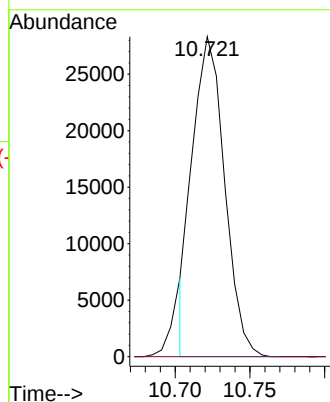
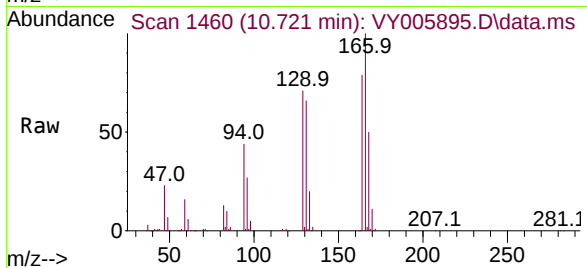




#60
Dibromochloromethane
Concen: 18.579 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.268 min
Lab File: VY005895.D
Acq: 30 Aug 2021 15:50

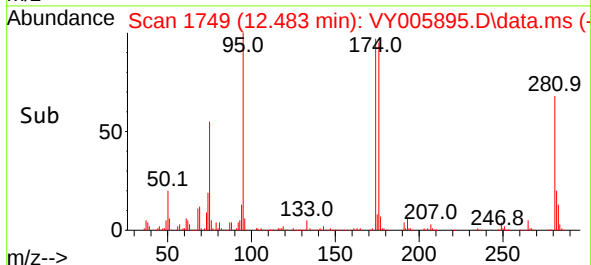
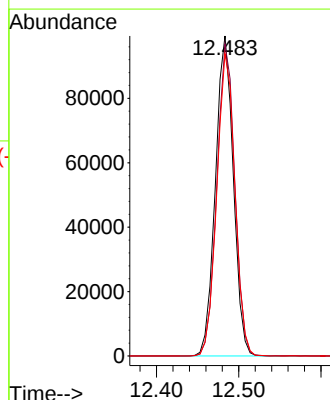
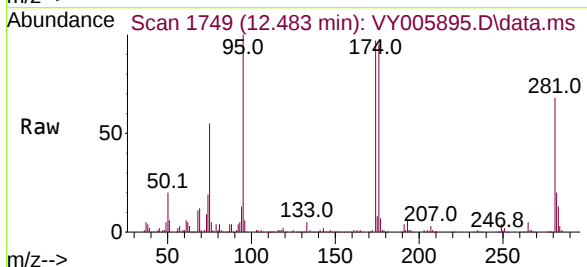
Instrument :
MSVOA_Y
ClientSampleId :
191-0827-B1-DP

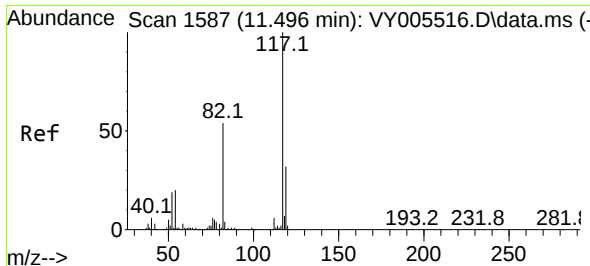
Tgt Ion:129 Resp: 42258
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.7#



#62
4-Bromofluorobenzene
Concen: 56.523 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005895.D
Acq: 30 Aug 2021 15:50

Tgt Ion: 95 Resp: 150262
Ion Ratio Lower Upper
95 100
174 97.9 0.0 191.4
176 95.4 0.0 183.6

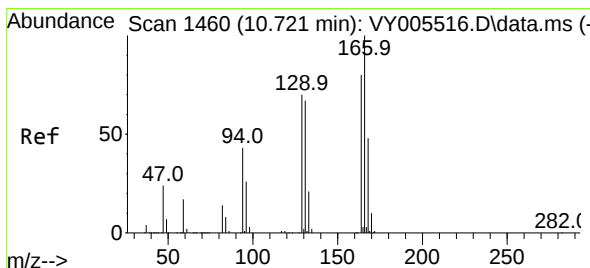
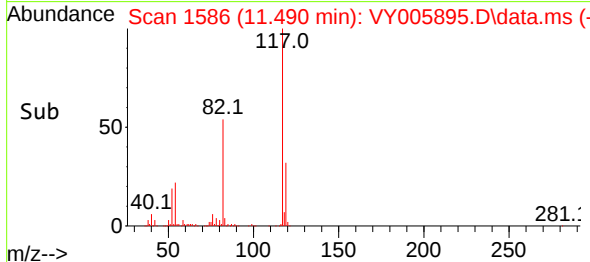
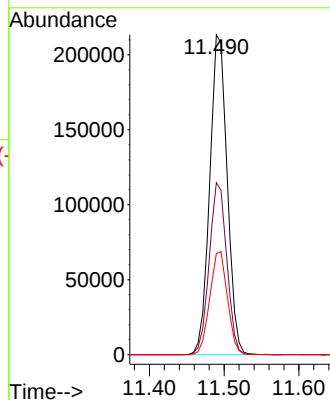
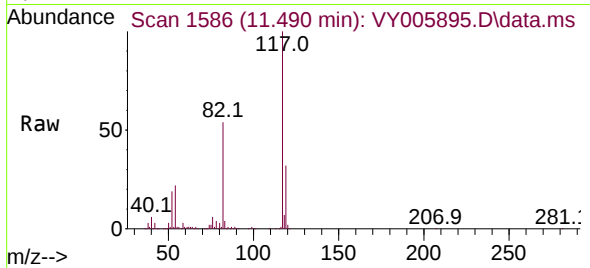




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005895.D
Acq: 30 Aug 2021 15:50

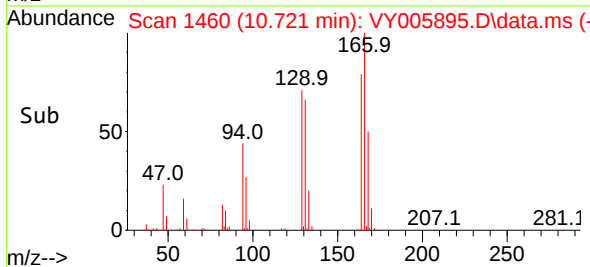
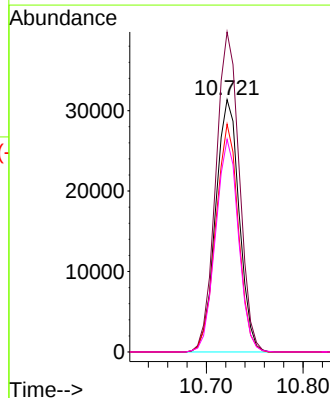
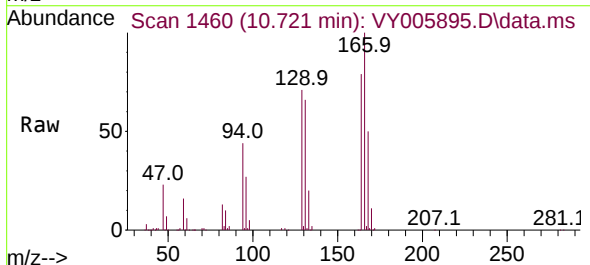
Instrument :
MSVOA_Y
ClientSampleId :
191-0827-B1-DP

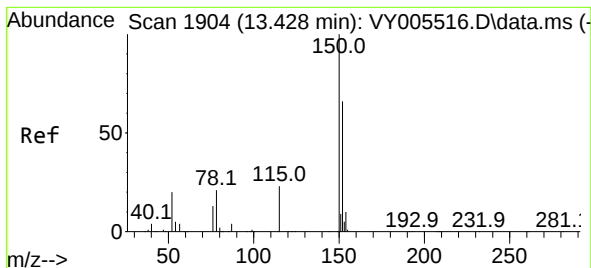
Tgt Ion:117 Resp: 346063
Ion Ratio Lower Upper
117 100
82 53.8 43.5 65.3
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 20.132 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY005895.D
Acq: 30 Aug 2021 15:50

Tgt Ion:164 Resp: 53030
Ion Ratio Lower Upper
164 100
166 126.8 99.8 149.8
129 90.3 70.1 105.1
131 84.2 67.4 101.0

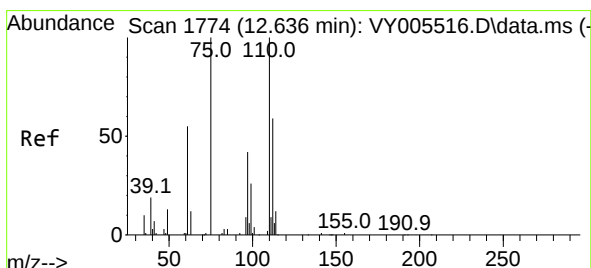
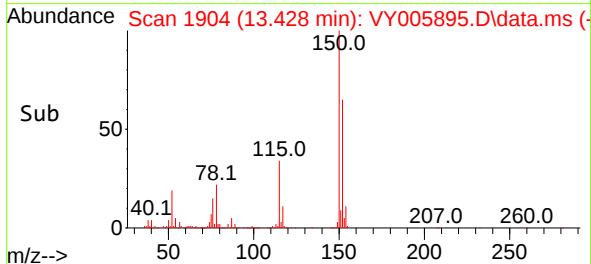
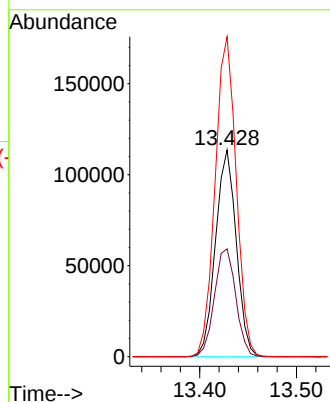
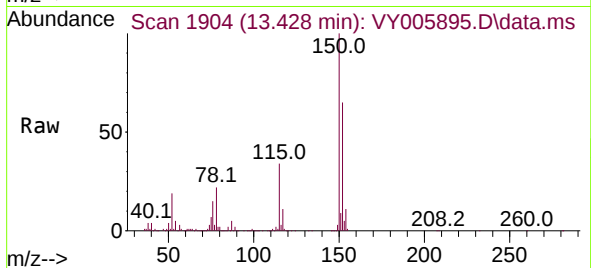




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005895.D
 Acq: 30 Aug 2021 15:50

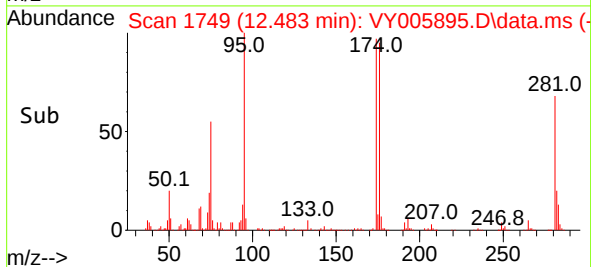
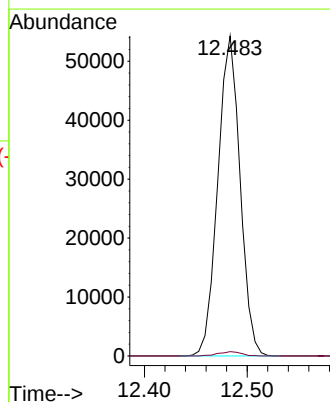
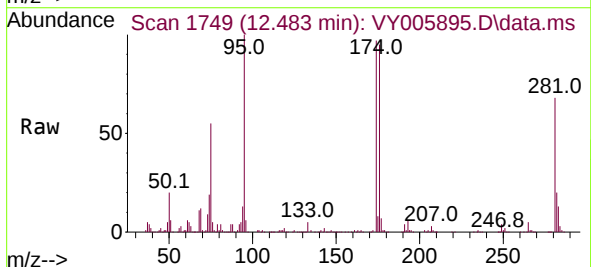
Instrument :
 MSVOA_Y
 ClientSampleId :
 191-0827-B1-DP

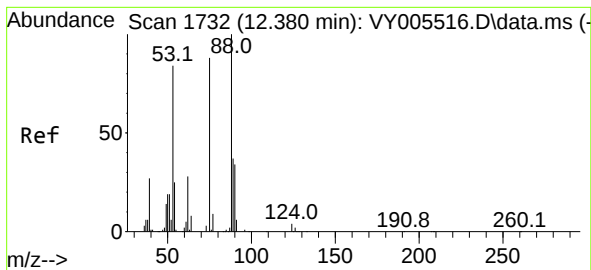
Tgt Ion:152 Resp: 169339
 Ion Ratio Lower Upper
 152 100
 115 53.8 27.3 81.9
 150 157.1 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.451 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005895.D
 Acq: 30 Aug 2021 15:50

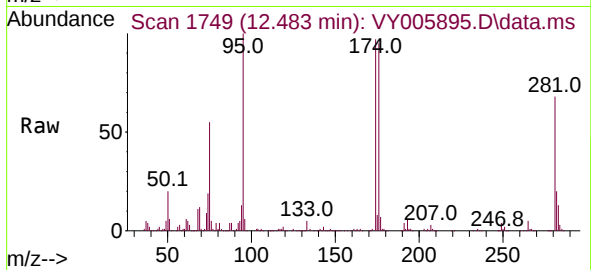
Tgt Ion: 75 Resp: 81514
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.639 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005895.D
 Acq: 30 Aug 2021 15:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 191-0827-B1-DP



Tgt Ion: 75 Resp: 81514
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.7 115.1#
 89 0.0 38.4 57.6#

