

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083021\
 Data File : VY005894.D
 Acq On : 30 Aug 2021 15:27
 Operator : SY/MD
 Sample : M3577-01
 Misc : 6.13G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 191-0827-B1-0-2

Quant Time: Aug 31 02:51:25 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)

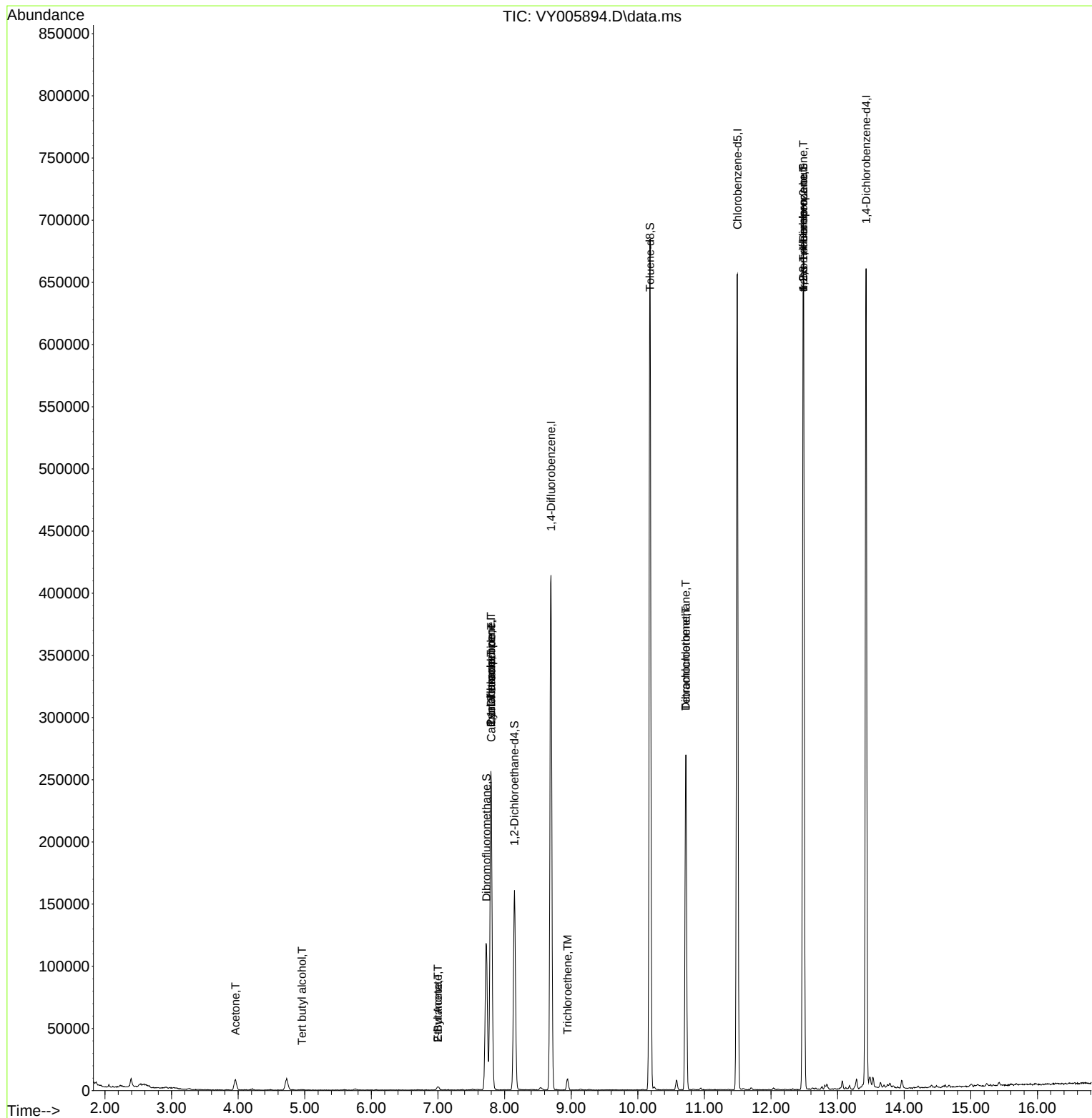
Internal Standards						
1) Pentafluorobenzene	7.795	168	212619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	359436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	366762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	129876	60.345	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.680%	
35) Dibromofluoromethane	7.728	113	81058	40.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 80.560%	
50) Toluene-d8	10.185	98	456633	54.104	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.200%	
62) 4-Bromofluorobenzene	12.483	95	157963	56.519	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.040%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	634	2.980	ug/l #	73
16) Acetone	3.960	43	14566	26.843	ug/l	96
20) Methylene Chloride	4.728	84	6917	Below Cal		92
25) 2-Butanone	6.996	43	3944	4.917	ug/l	90
31) Cyclohexane	7.795	56	3811	1.032	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14021	4.159	ug/l #	48
37) Ethyl Acetate	6.996	43	3944	1.931	ug/l #	71
38) Carbon Tetrachloride	7.801	117	18787	5.127	ug/l #	16
44) Trichloroethene	8.947	130	3339	1.267	ug/l	97
60) Dibromochloromethane	10.721	129	49013	20.497	ug/l #	11
64) Tetrachloroethene	10.721	164	61880	22.166	ug/l	97
76) 1,2,3-Trichloropropane	12.483	75	84981	46.687	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84981	94.115	ug/l #	11

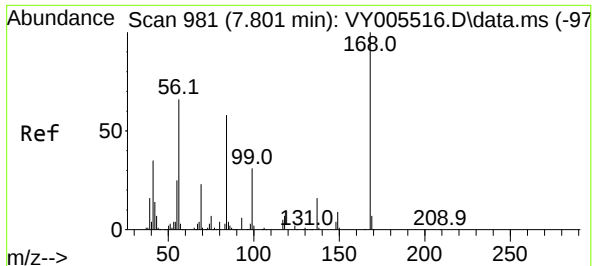
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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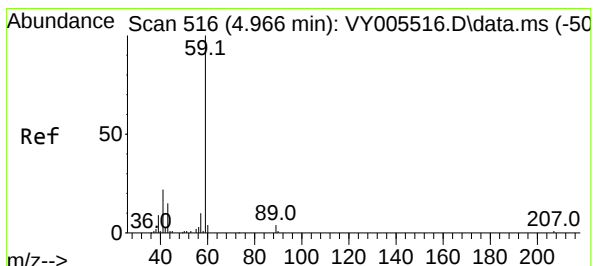
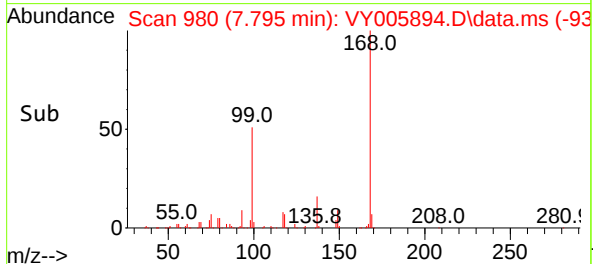
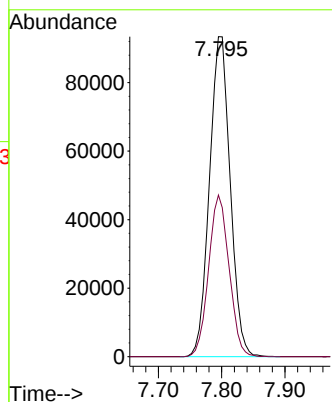
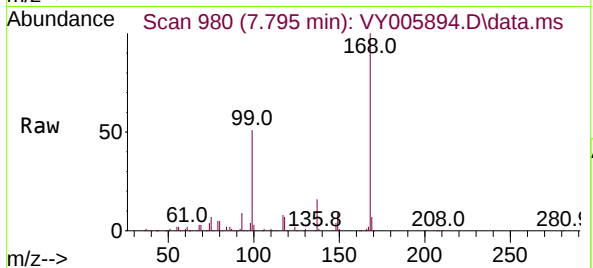




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005894.D
Acq: 30 Aug 2021 15:27

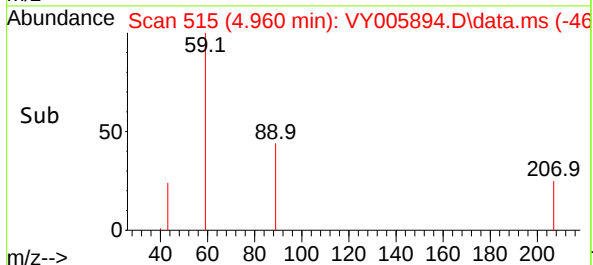
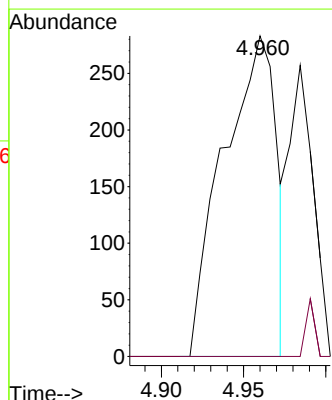
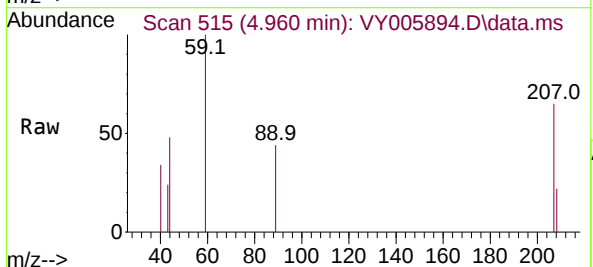
Instrument :
MSVOA_Y
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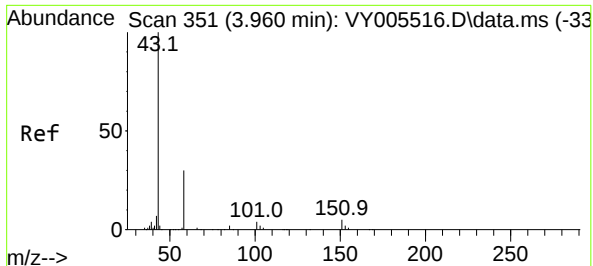
Tgt Ion:168 Resp: 212619
Ion Ratio Lower Upper
168 100
99 50.5 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.980 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY005894.D
Acq: 30 Aug 2021 15:27

Tgt Ion: 59 Resp: 634
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

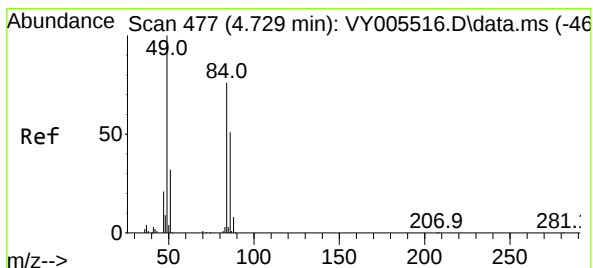
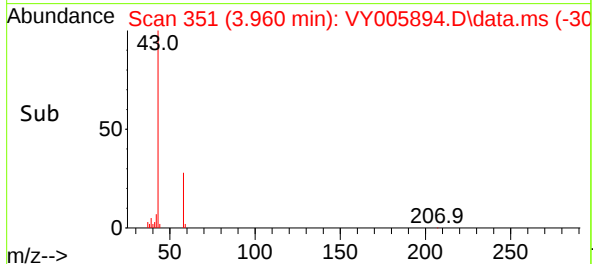
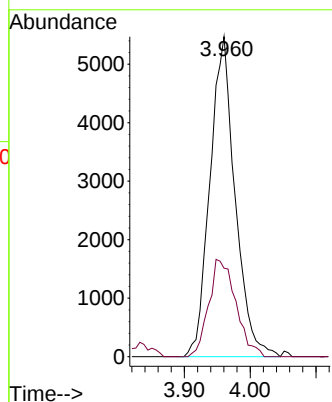
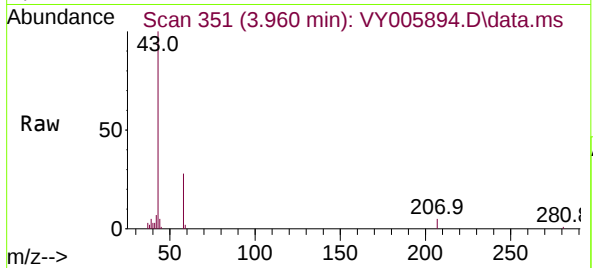




#16
Acetone
Concen: 26.843 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005894.D
Acq: 30 Aug 2021 15:27

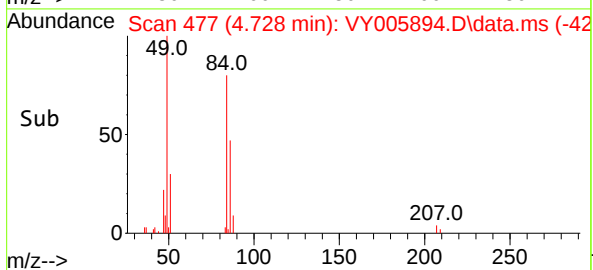
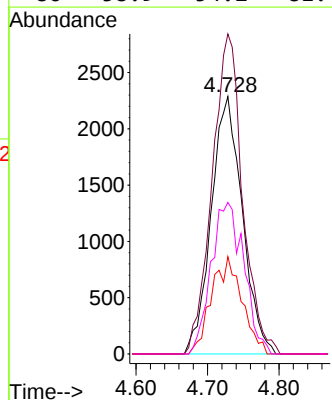
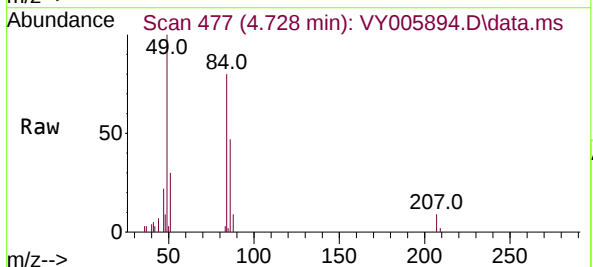
Instrument :
MSVOA_Y
ClientSampleId :
191-0827-B1-0-2

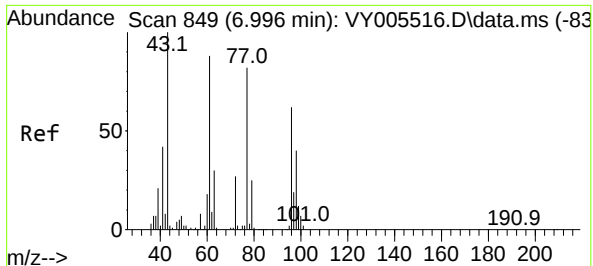
Tgt Ion: 43 Resp: 14566
Ion Ratio Lower Upper
43 100
58 27.7 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005894.D
Acq: 30 Aug 2021 15:27

Tgt Ion: 84 Resp: 6917
Ion Ratio Lower Upper
84 100
49 124.3 105.8 158.6
51 37.8 33.4 50.2
86 58.9 54.2 81.4





#25

2-Butanone

Concen: 4.917 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY005894.D

Acq: 30 Aug 2021 15:27

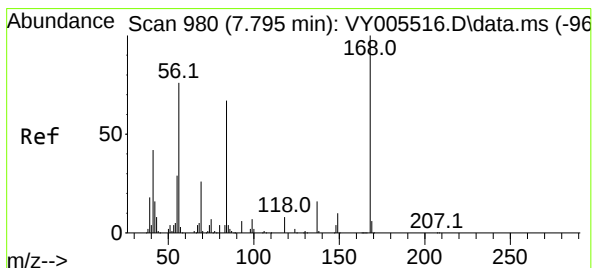
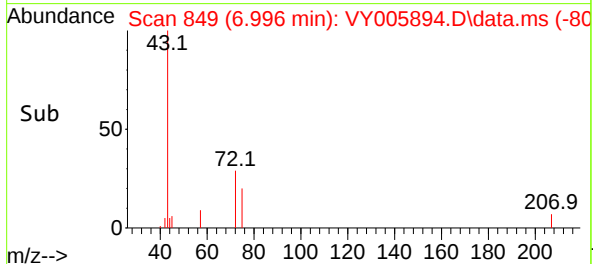
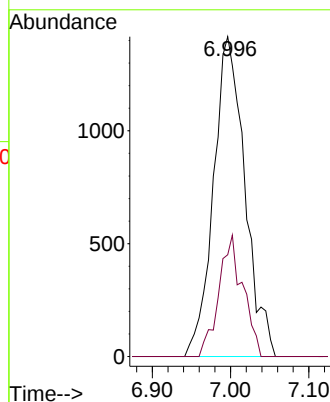
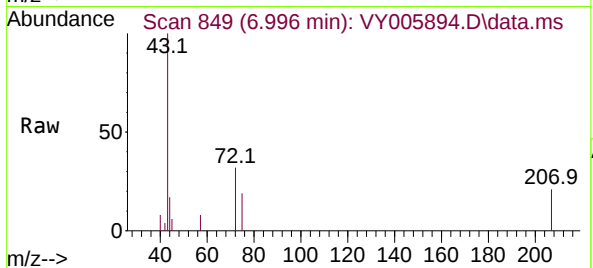
Instrument :

MSVOA_Y

ClientSampleId :

191-0827-B1-0-2

Tgt Ion: 43 Resp: 3944
 Ion Ratio Lower Upper
 43 100
 72 31.8 21.4 32.2



#31

Cyclohexane

Concen: 1.032 ug/l

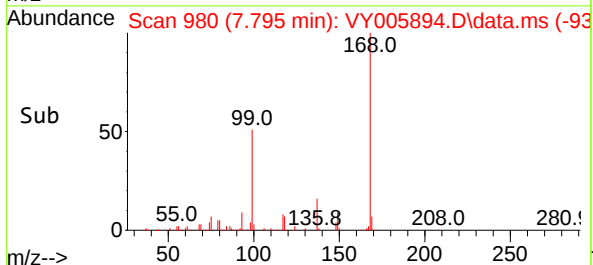
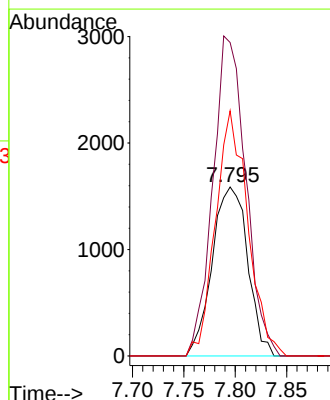
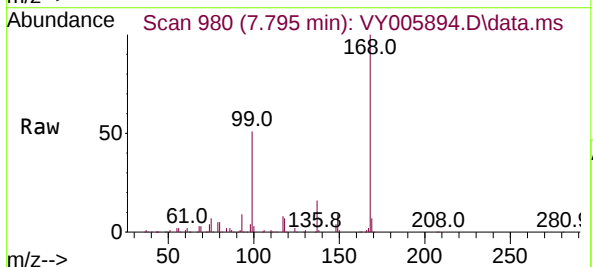
RT: 7.795 min Scan# 980

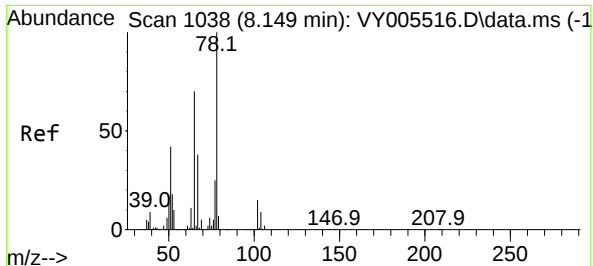
Delta R.T. -0.000 min

Lab File: VY005894.D

Acq: 30 Aug 2021 15:27

Tgt Ion: 56 Resp: 3811
 Ion Ratio Lower Upper
 56 100
 69 185.5 27.7 41.5#
 84 145.0 70.9 106.3#

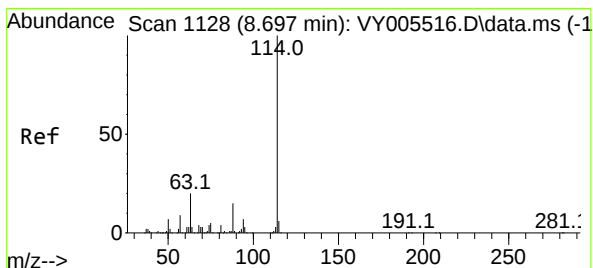
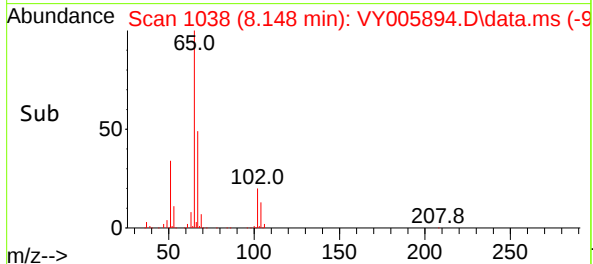
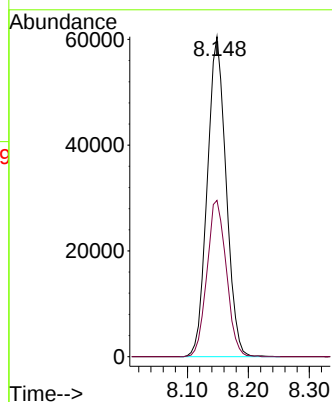
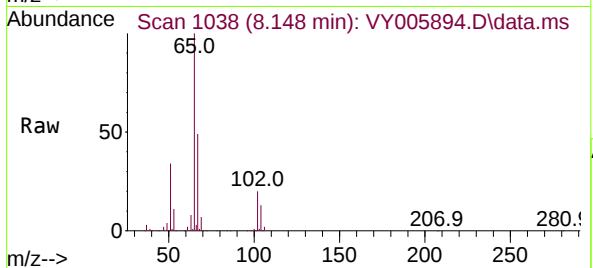




#33
1,2-Dichloroethane-d4
Concen: 60.345 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005894.D
Acq: 30 Aug 2021 15:27

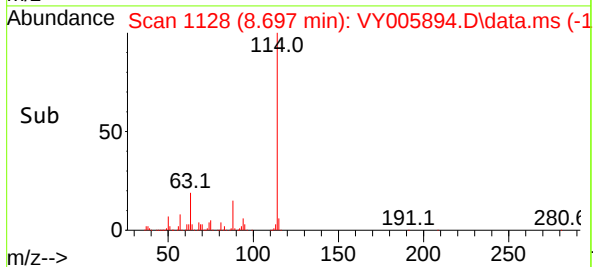
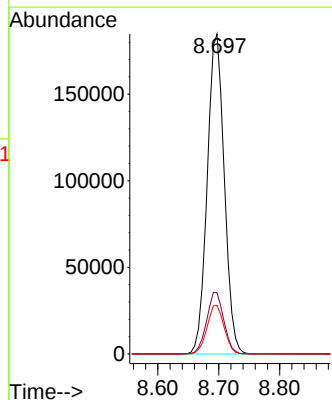
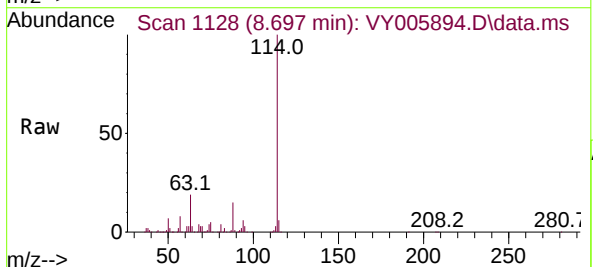
Instrument :
MSVOA_Y
ClientSampleId :
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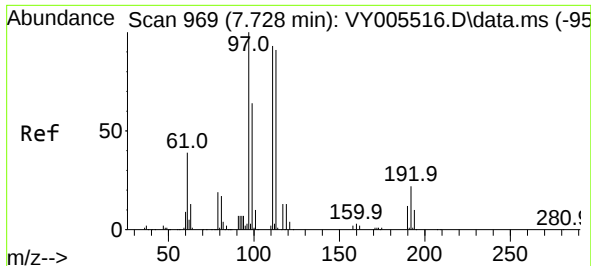
Tgt Ion: 65 Resp: 129876
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005894.D
Acq: 30 Aug 2021 15:27

Tgt Ion: 114 Resp: 359436
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.2
88 15.2 0.0 30.8

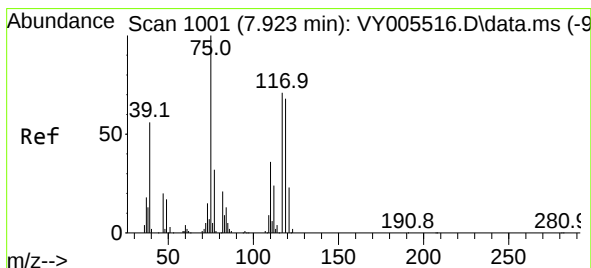
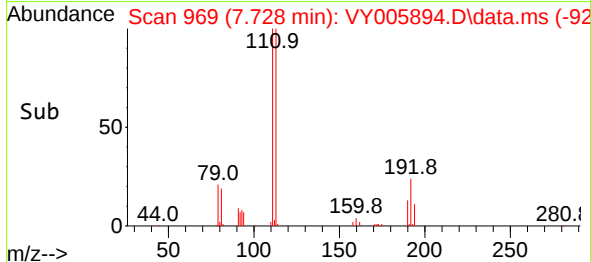
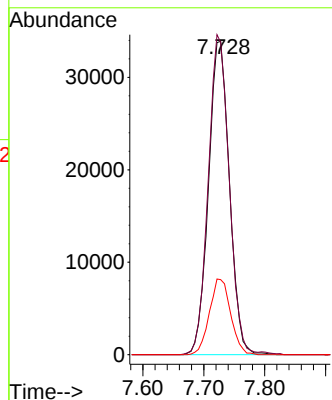
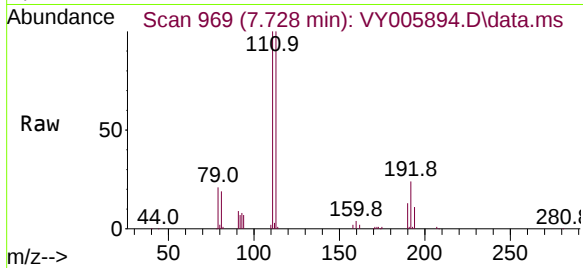




#35
Dibromofluoromethane
Concen: 40.279 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005894.D
Acq: 30 Aug 2021 15:27

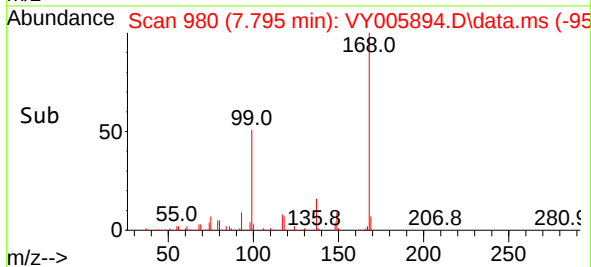
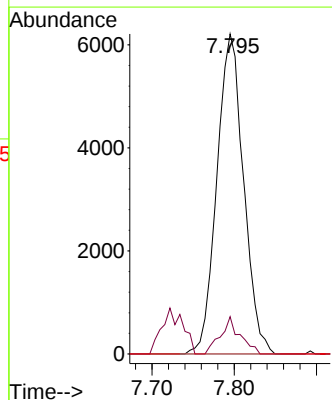
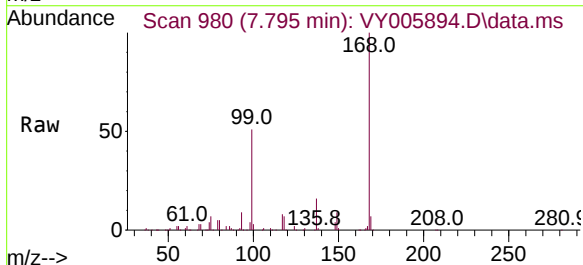
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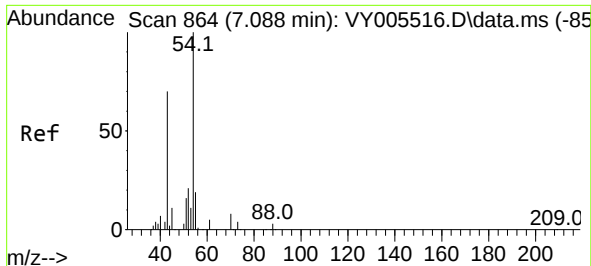
Tgt Ion:113 Resp: 81058
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 24.5 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.159 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005894.D
Acq: 30 Aug 2021 15:27

Tgt Ion: 75 Resp: 14021
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.931 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.092 min

Lab File: VY005894.D

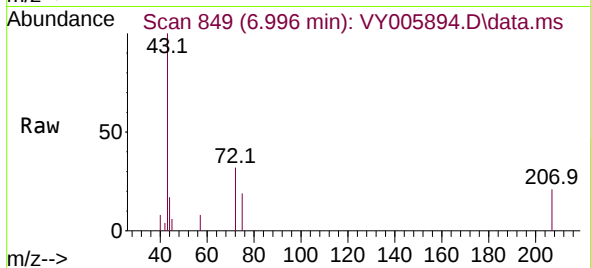
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Instrument :

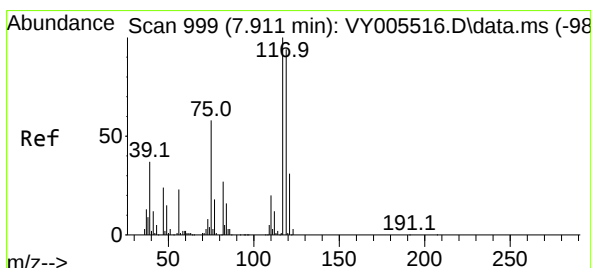
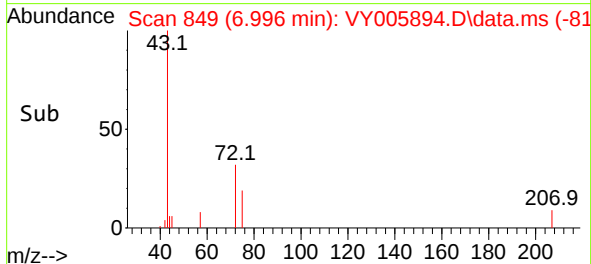
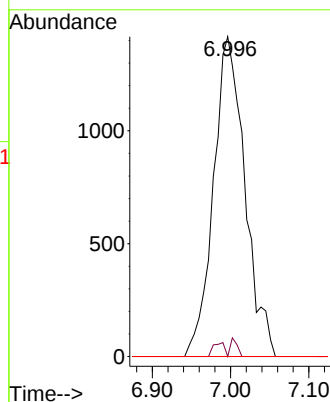
MSVOA_Y

ClientSampleId :

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Tgt Ion: 43	Resp: 3944
Ion Ratio	Lower Upper
43 100	
61 1.2	10.6 15.8#
70 0.0	8.6 13.0#



#38

Carbon Tetrachloride

Concen: 5.127 ug/l

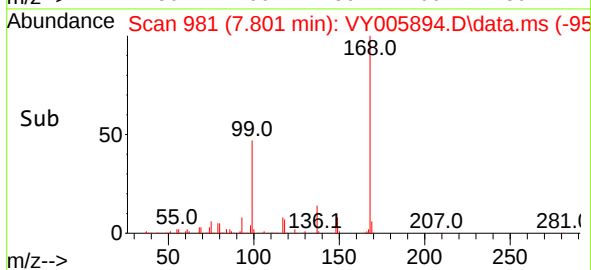
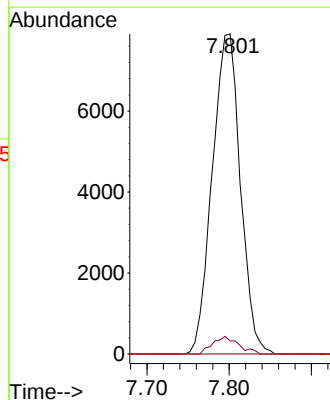
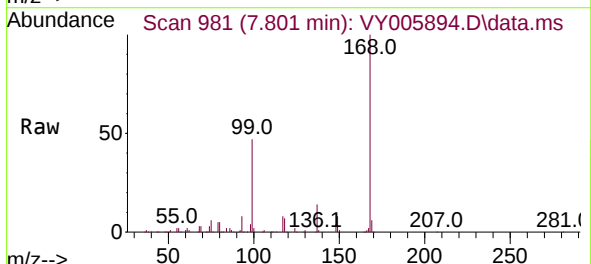
RT: 7.801 min Scan# 981

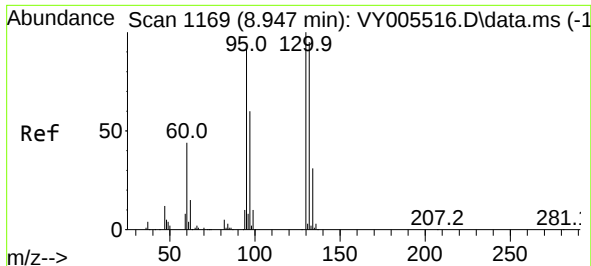
Delta R.T. -0.110 min

Lab File: VY005894.D

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Tgt Ion: 117	Resp: 18787
Ion Ratio	Lower Upper
117 100	
119 4.0	75.4 113.0#
121 0.0	25.1 37.7#

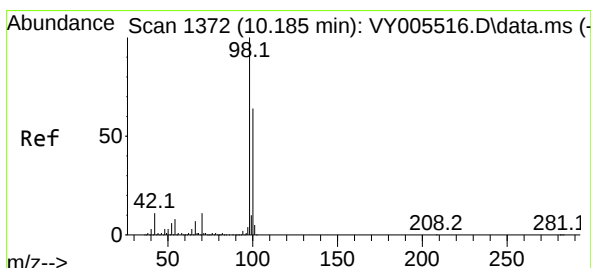
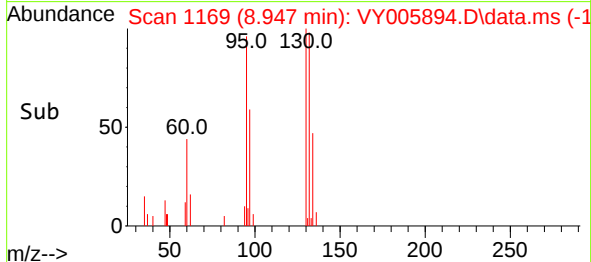
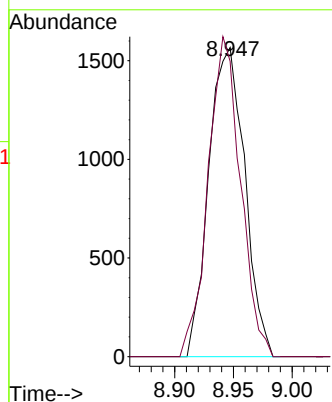
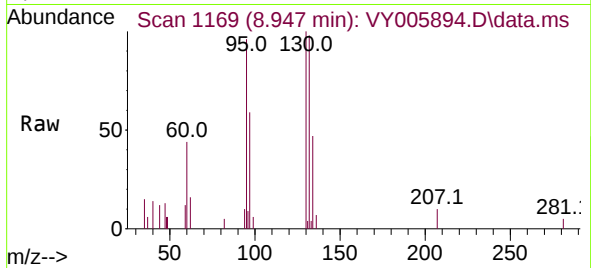




#44
Trichloroethene
Concen: 1.267 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY005894.D
Acq: 30 Aug 2021 15:27

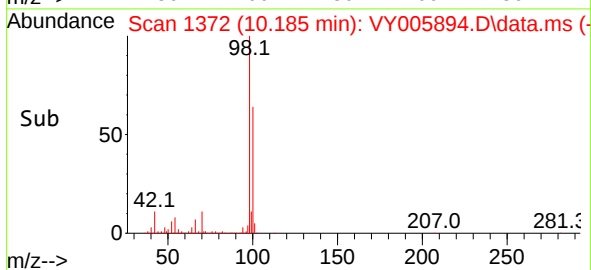
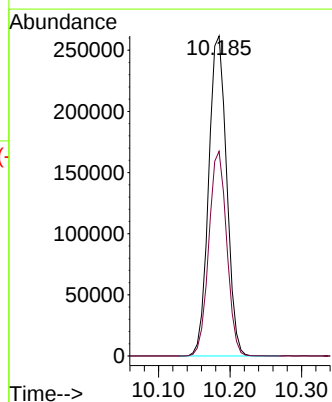
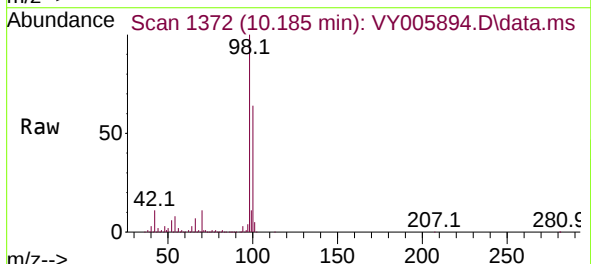
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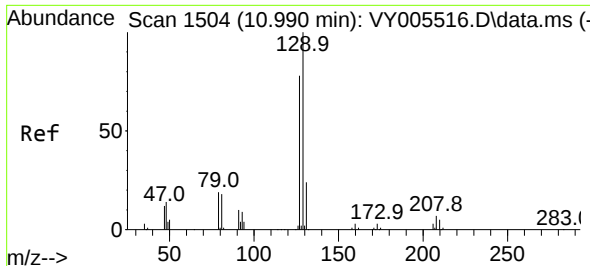
Tgt Ion:130 Resp: 3339
Ion Ratio Lower Upper
130 100
95 95.5 0.0 185.0



#50
Toluene-d8
Concen: 54.104 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005894.D
Acq: 30 Aug 2021 15:27

Tgt Ion: 98 Resp: 456633
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9

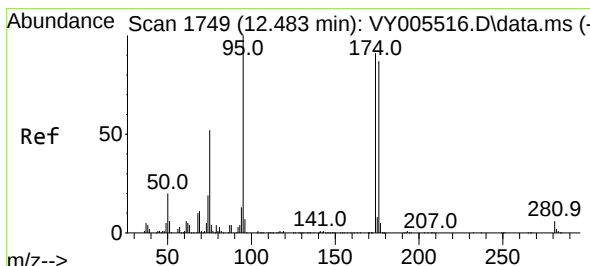
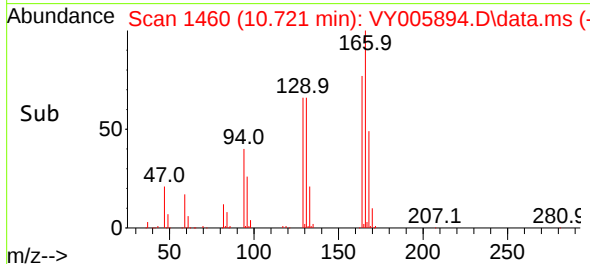
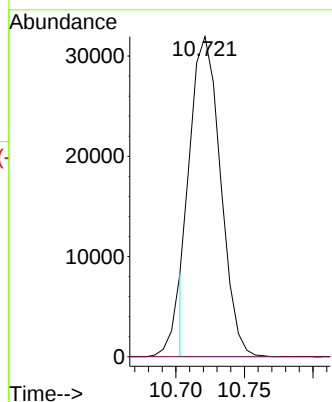
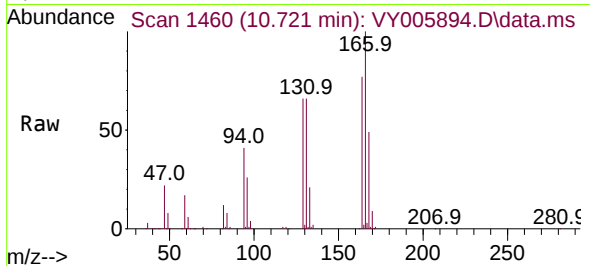




#60
Dibromochloromethane
Concen: 20.497 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.268 min
Lab File: VY005894.D
Acq: 30 Aug 2021 15:27

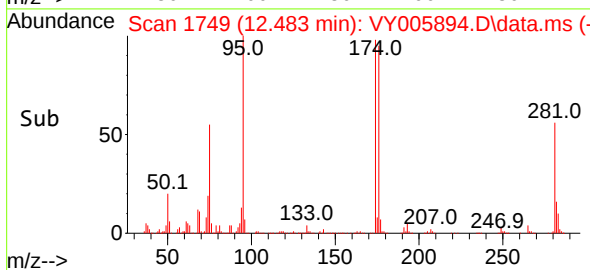
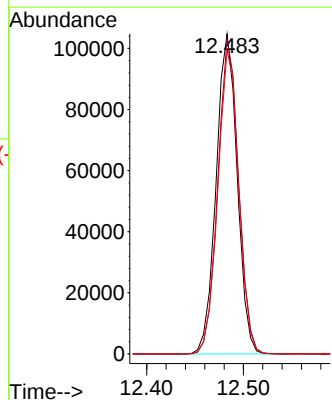
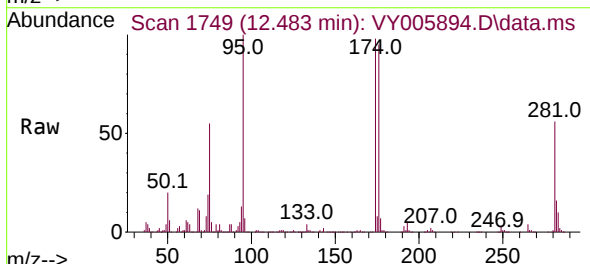
Instrument :
MSVOA_Y
ClientSampleId :
191-0827-B1-0-2

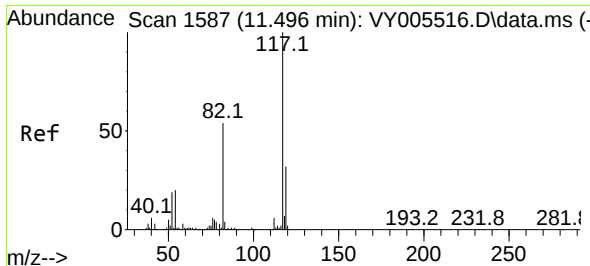
Tgt Ion:129 Resp: 49013
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.7#



#62
4-Bromofluorobenzene
Concen: 56.519 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005894.D
Acq: 30 Aug 2021 15:27

Tgt Ion: 95 Resp: 157963
Ion Ratio Lower Upper
95 100
174 97.3 0.0 191.4
176 94.1 0.0 183.6

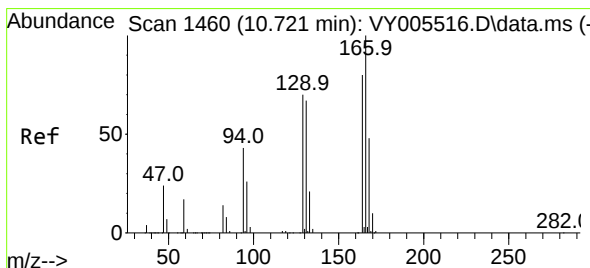
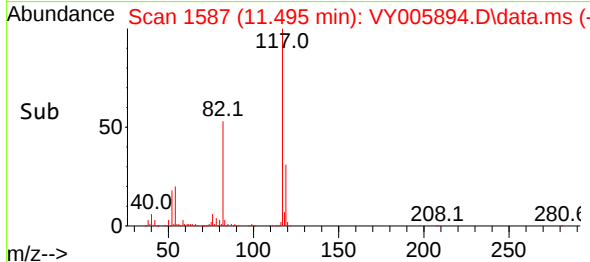
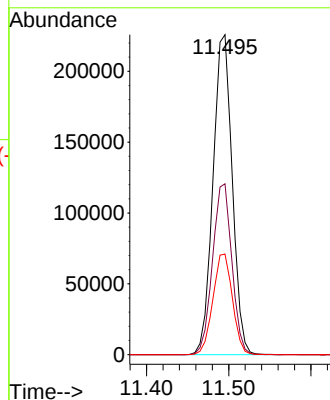
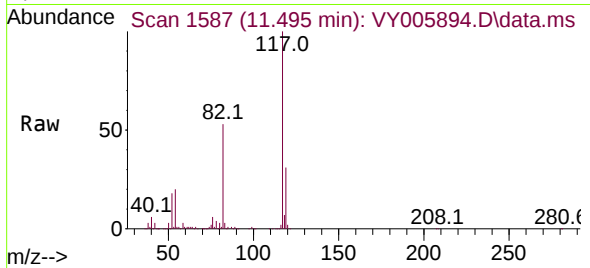




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005894.D
Acq: 30 Aug 2021 15:27

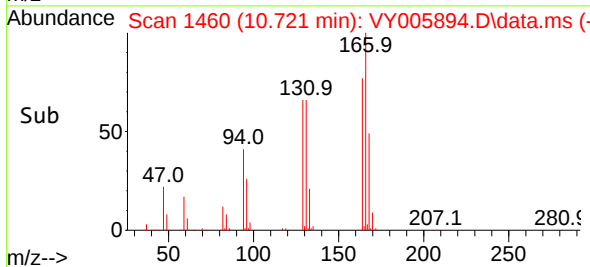
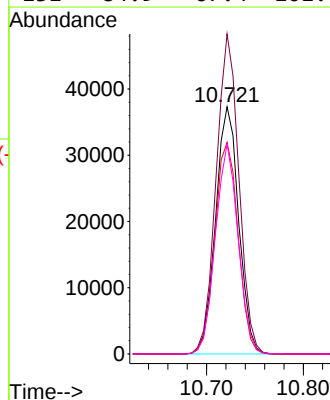
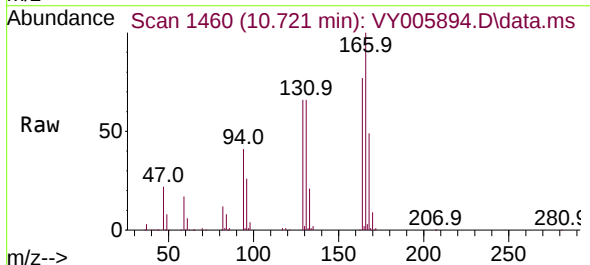
Instrument :
MSVOA_Y
ClientSampleId :
191-0827-B1-0-2

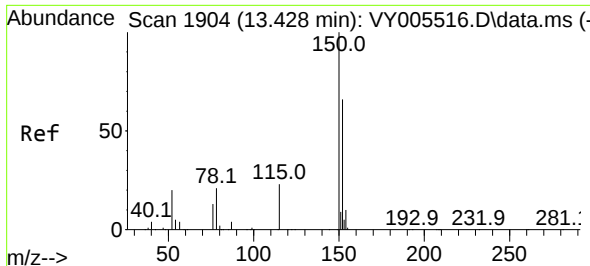
Tgt Ion:	117	Resp:	366762
Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.5	65.3
119	31.4	25.5	38.3



#64
Tetrachloroethene
Concen: 22.166 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY005894.D
Acq: 30 Aug 2021 15:27

Tgt Ion:	164	Resp:	61880
Ion	Ratio	Lower	Upper
164	100		
166	129.4	99.8	149.8
129	85.6	70.1	105.1
131	84.9	67.4	101.0

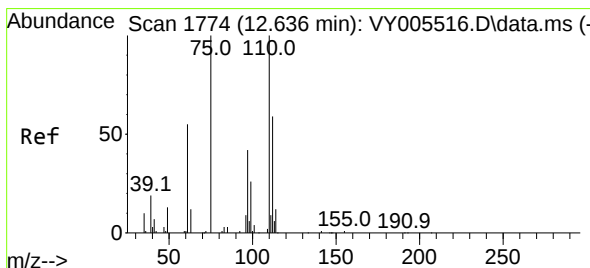
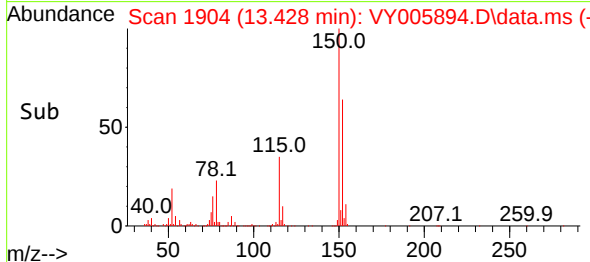
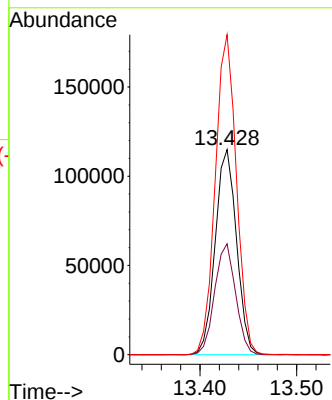
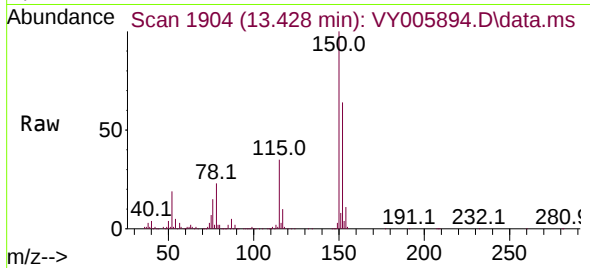




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005894.D
 Acq: 30 Aug 2021 15:27

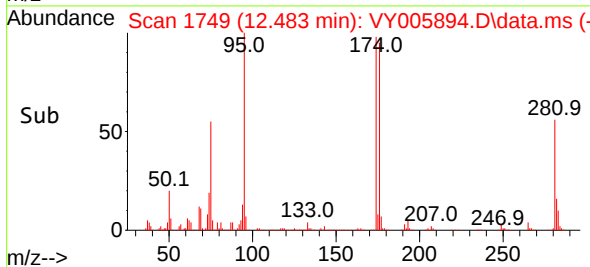
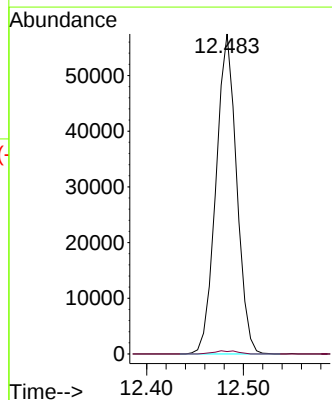
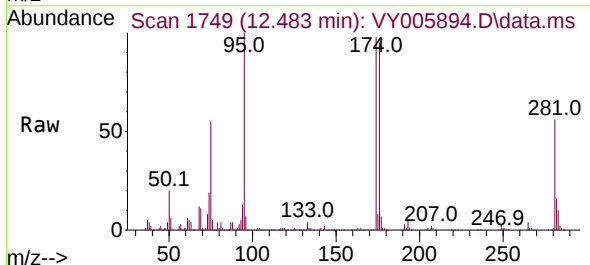
Instrument :
 MSVOA_Y
 ClientSampleId :
 191-0827-B1-0-2

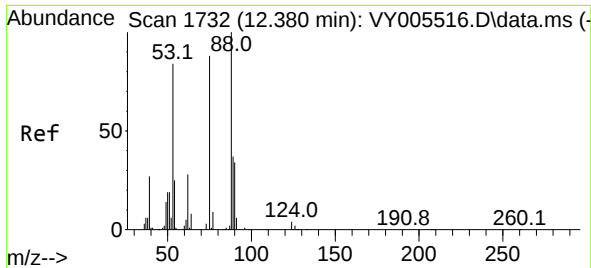
Tgt Ion:152 Resp: 175648
 Ion Ratio Lower Upper
 152 100
 115 53.3 27.3 81.9
 150 154.7 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.687 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005894.D
 Acq: 30 Aug 2021 15:27

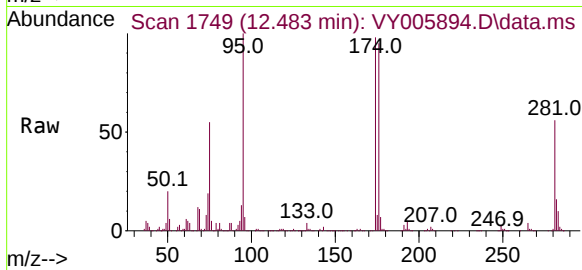
Tgt Ion: 75 Resp: 84981
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.115 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005894.D
 Acq: 30 Aug 2021 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 191-0827-B1-0-2



Tgt Ion: 75 Resp: 84981
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.7 38.4 57.6#

