

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
 Data File : VY005833.D
 Acq On : 25 Aug 2021 12:33
 Operator : SY/MD
 Sample : M3521-01
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124019

Quant Time: Aug 26 03:37:00 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)

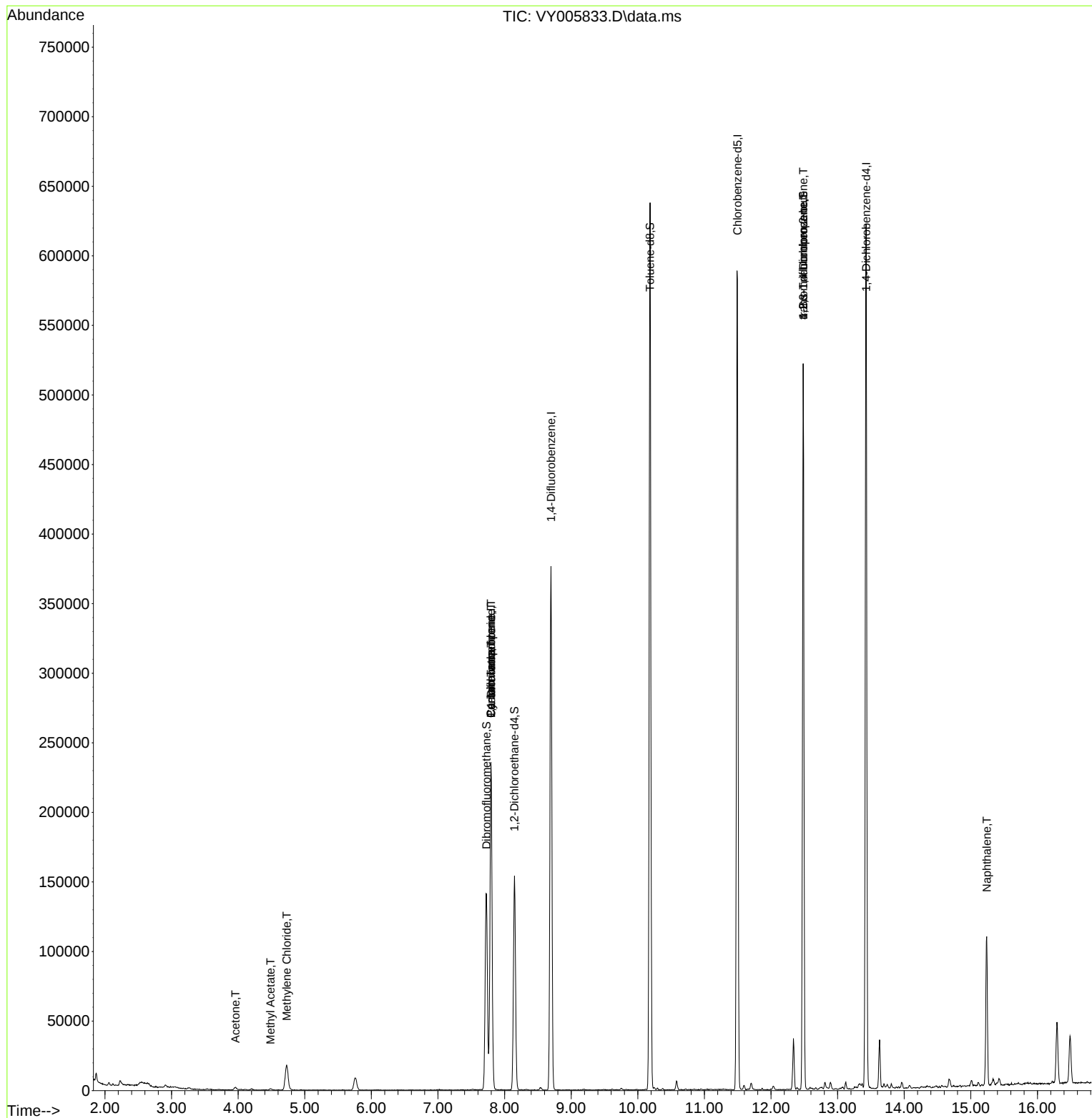
Internal Standards						
1) Pentafluorobenzene	7.795	168	188732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	321551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	323925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124057	64.936	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.880%	
35) Dibromofluoromethane	7.728	113	96974	53.866	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.740%	
50) Toluene-d8	10.185	98	409622	54.253	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.500%	
62) 4-Bromofluorobenzene	12.483	95	143673	57.463	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.920%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	3361	6.978	ug/l	94
18) Methyl Acetate	4.485	43	1525	1.211	ug/l	91
20) Methylene Chloride	4.729	84	13456	1.119	ug/l	92
31) Cyclohexane	7.795	56	3680	1.123	ug/l #	17
36) 1,1-Dichloropropene	7.795	75	13152	4.361	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16690	5.092	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	78871	46.607	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	78871	93.954	ug/l #	11
95) Naphthalene	15.239	128	89864	13.749	ug/l	100

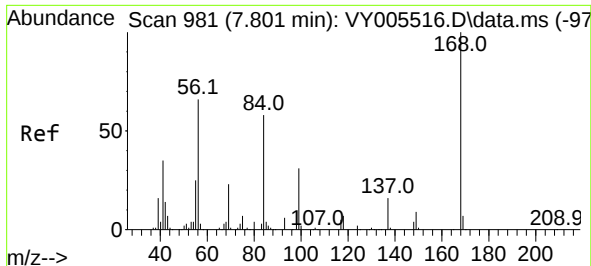
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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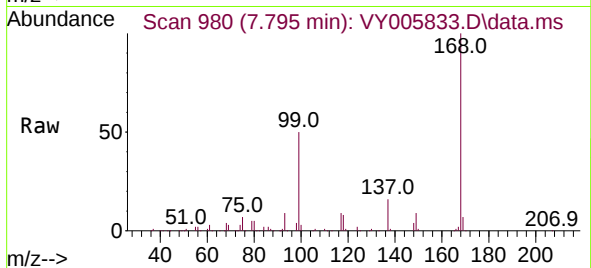
Quant Time: Aug 26 03:37:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
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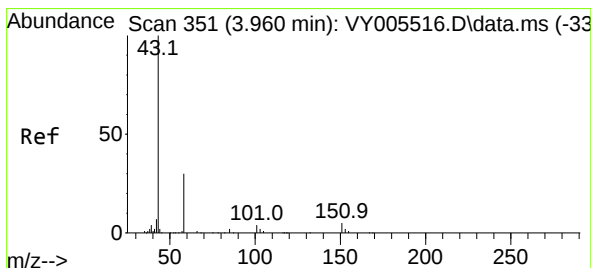
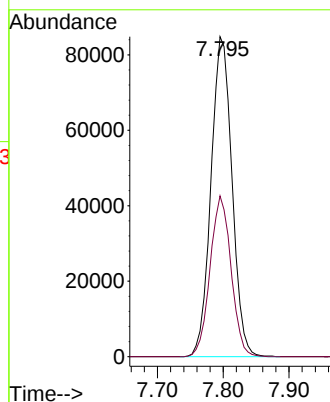
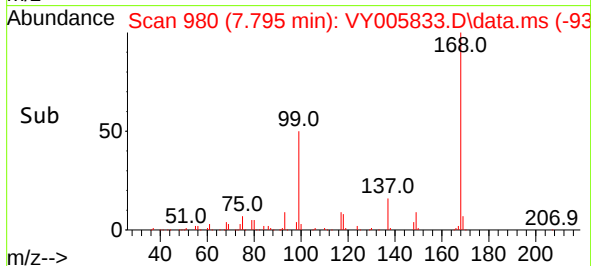


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

Instrument :
MSVOA_Y
ClientSampleId :
124019

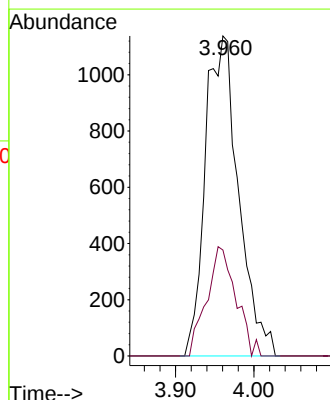
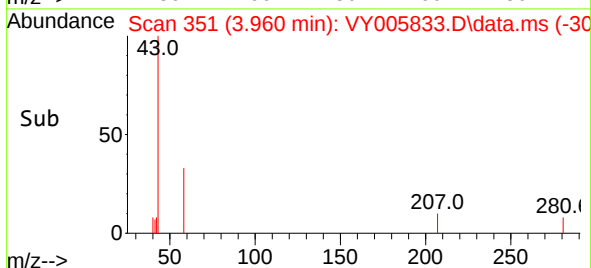
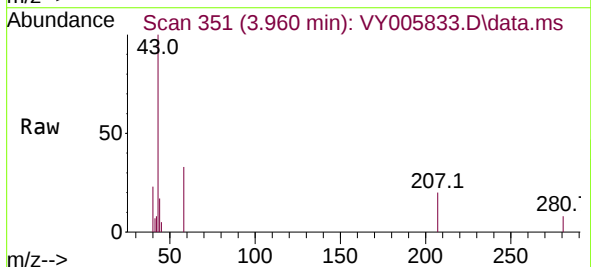


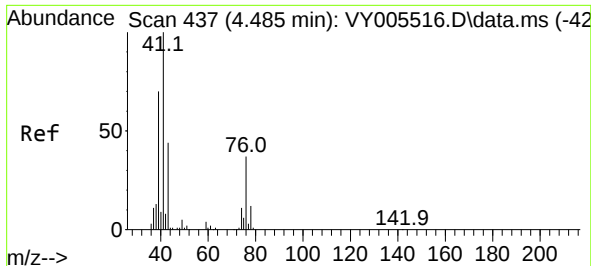
Tgt Ion:168 Resp: 188732
Ion Ratio Lower Upper
168 100
99 50.3 38.9 58.3



#16
Acetone
Concen: 6.978 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

Tgt Ion: 43 Resp: 3361
Ion Ratio Lower Upper
43 100
58 33.1 23.8 35.6

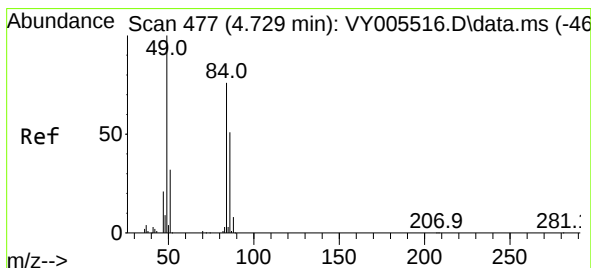
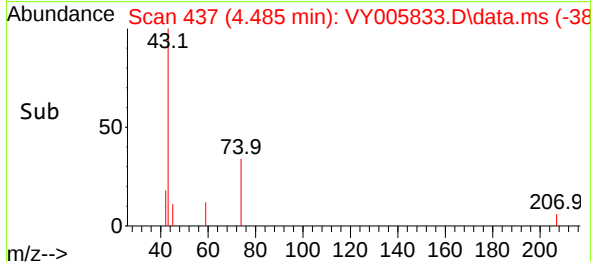
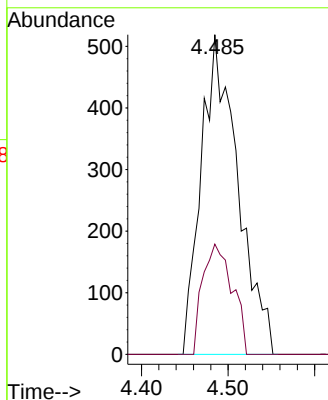
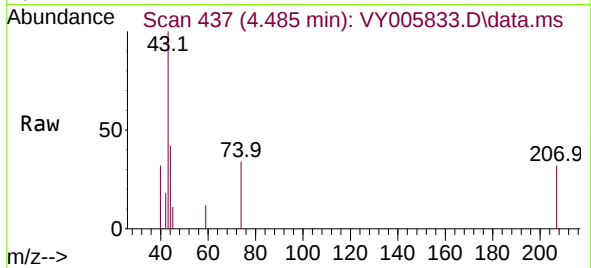




#18
Methyl Acetate
Concen: 1.211 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

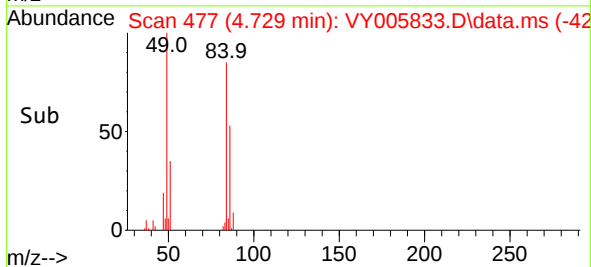
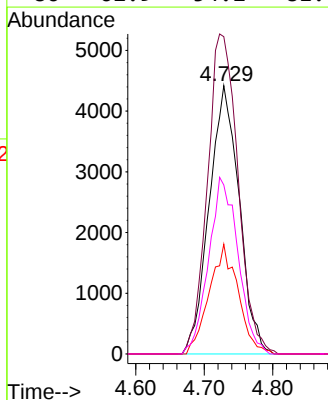
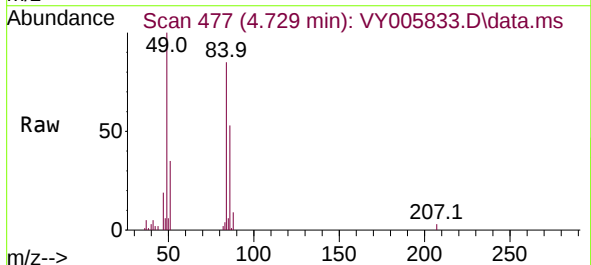
Instrument :
MSVOA_Y
ClientSampleId :
124019

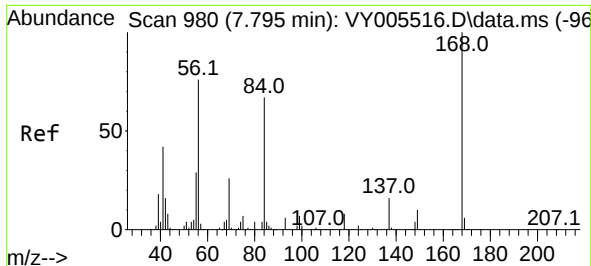
Tgt Ion: 43 Resp: 1525
Ion Ratio Lower Upper
43 100
74 28.0 19.0 28.6



#20
Methylene Chloride
Concen: 1.119 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

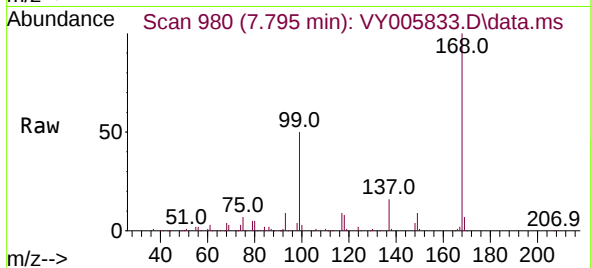
Tgt Ion: 84 Resp: 13456
Ion Ratio Lower Upper
84 100
49 118.3 105.8 158.6
51 40.9 33.4 50.2
86 62.9 54.2 81.4



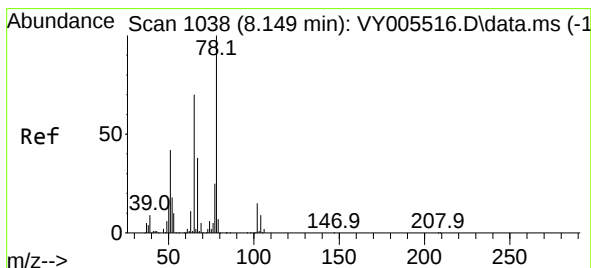
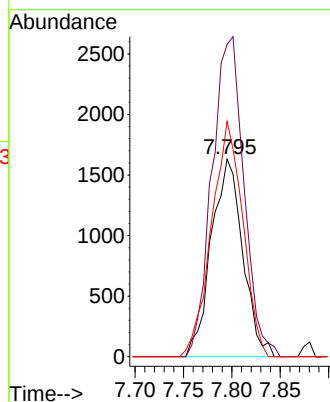
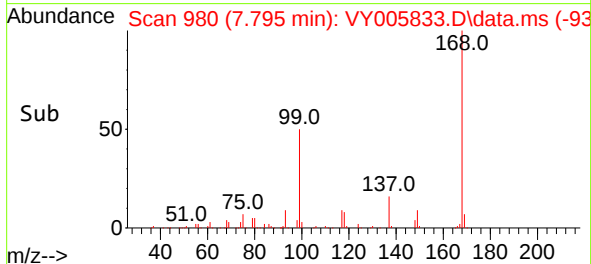


#31
Cyclohexane
Concen: 1.123 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

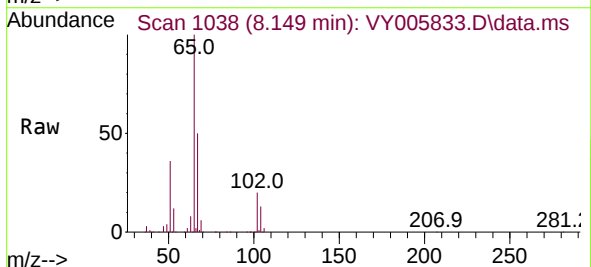
Instrument :
MSVOA_Y
ClientSampled :
124019



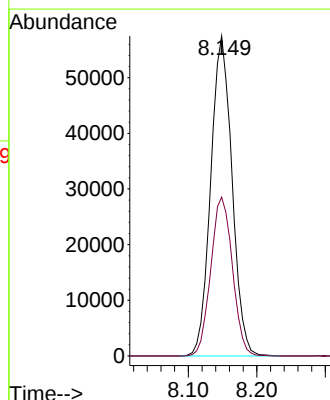
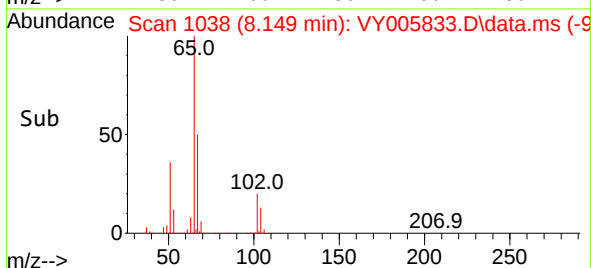
Tgt Ion: 56 Resp: 3680
Ion Ratio Lower Upper
56 100
69 157.9 27.7 41.5#
84 119.0 70.9 106.3#

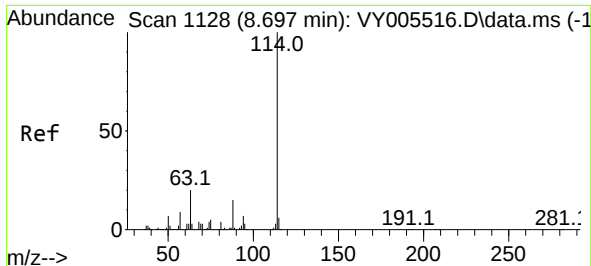


#33
1,2-Dichloroethane-d4
Concen: 64.936 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33



Tgt Ion: 65 Resp: 124057
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.4

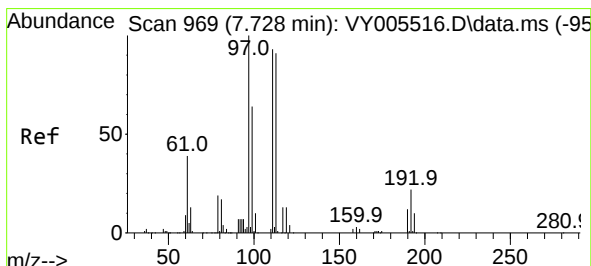
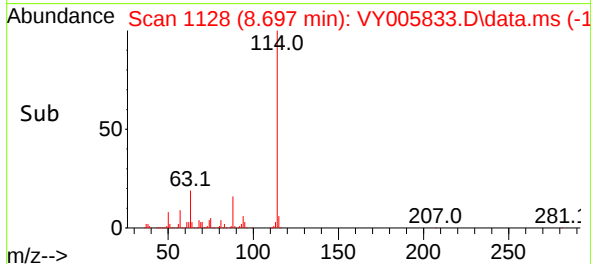
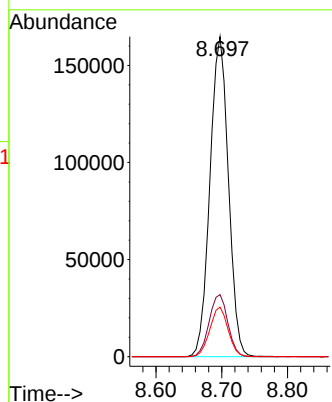
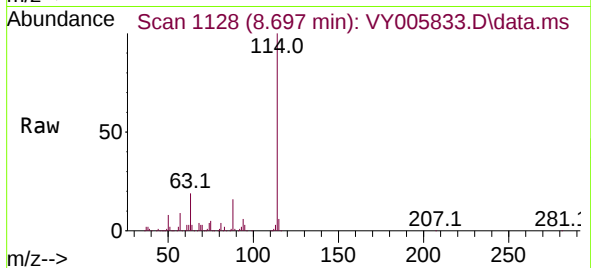




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

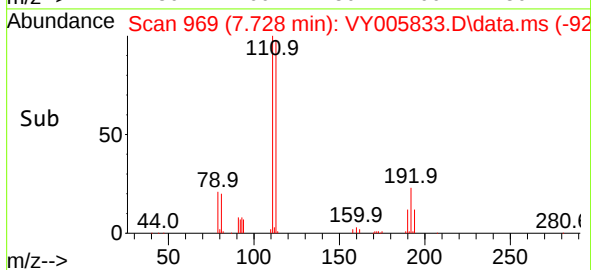
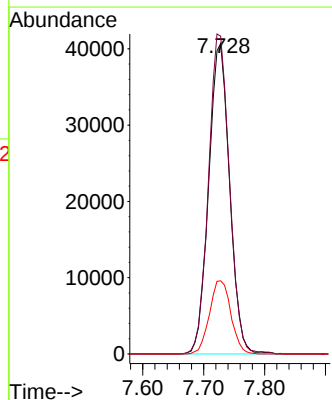
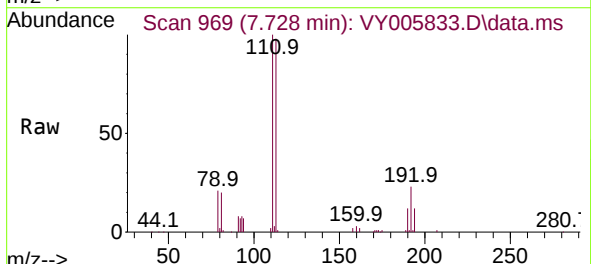
Instrument :
MSVOA_Y
ClientSampleId :
124019

Tgt Ion:	114	Resp:	321551
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.2
88	15.5	0.0	30.8



#35
Dibromofluoromethane
Concen: 53.866 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

Tgt Ion:	113	Resp:	96974
Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	24.2	19.2	28.8





#36

1,1-Dichloropropene

Concen: 4.361 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005833.D

Acq: 25 Aug 2021 12:33

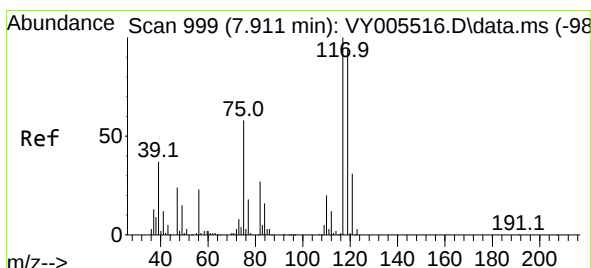
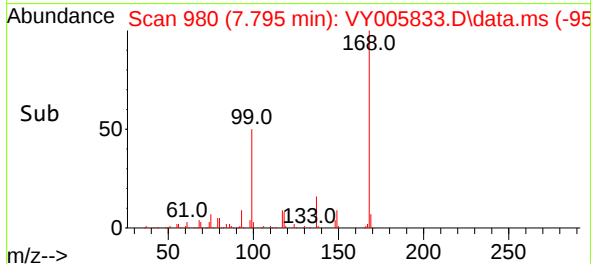
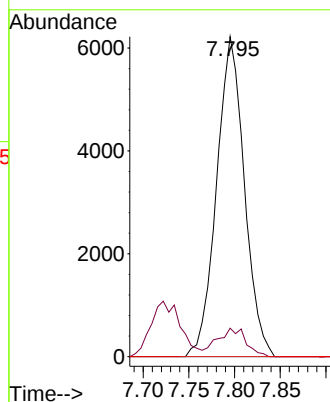
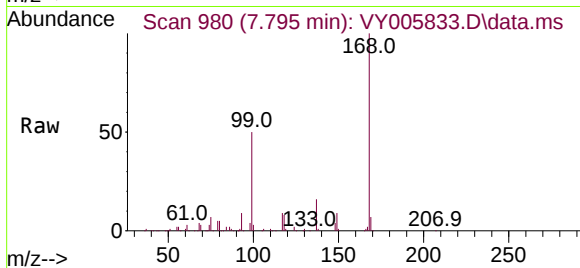
Instrument :

MSVOA_Y

ClientSampleId :

124019

Tgt Ion:	75	Resp:	13152
Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.092 ug/l

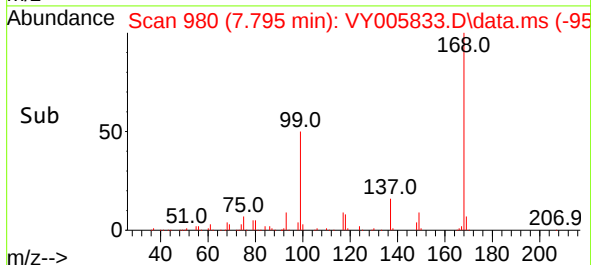
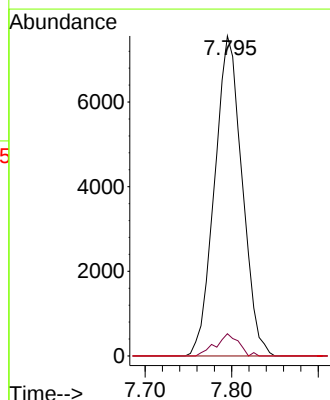
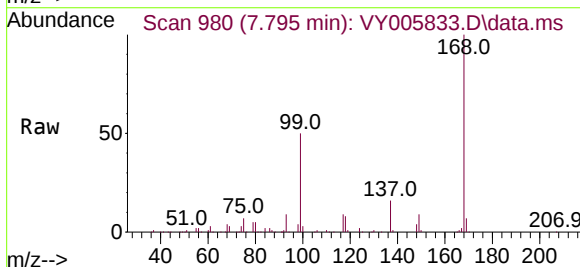
RT: 7.795 min Scan# 980

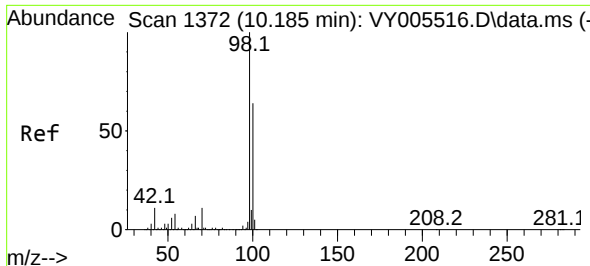
Delta R.T. -0.116 min

Lab File: VY005833.D

Acq: 25 Aug 2021 12:33

Tgt Ion:	117	Resp:	16690
Ion	Ratio	Lower	Upper
117	100		
119	7.0	75.4	113.0#
121	0.0	25.1	37.7#

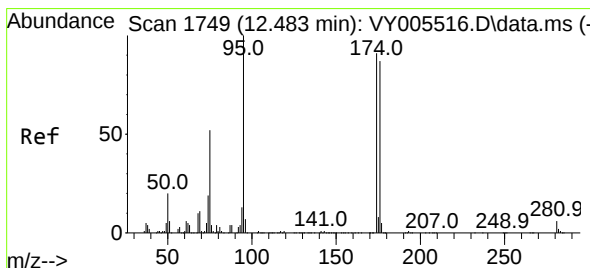
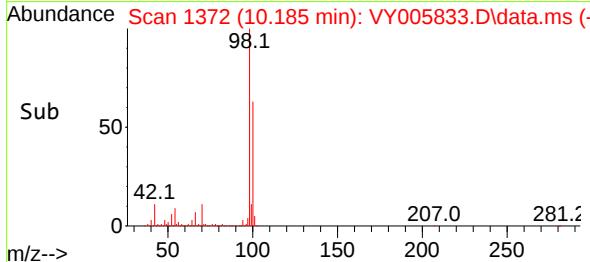
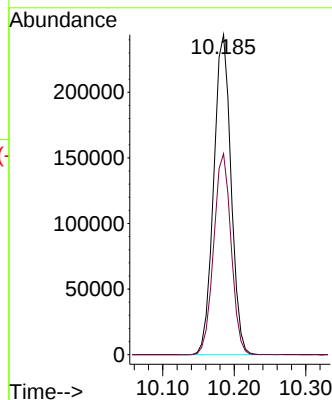
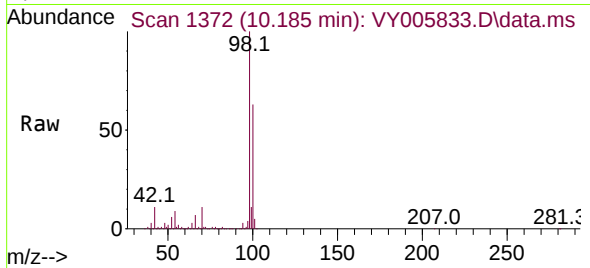




#50
Toluene-d8
Concen: 54.253 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

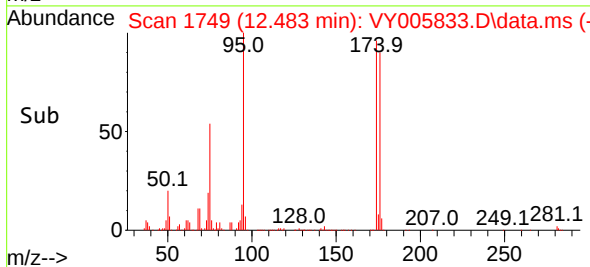
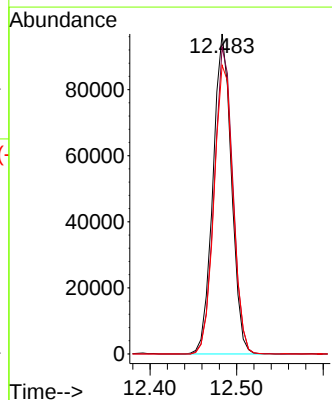
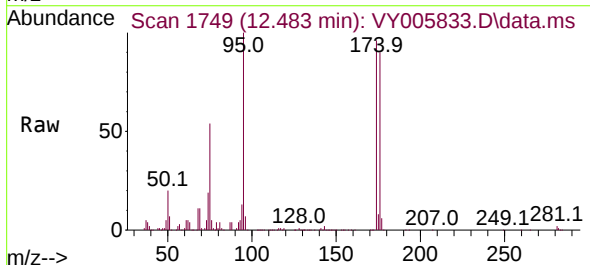
Instrument :
MSVOA_Y
ClientSampleId :
124019

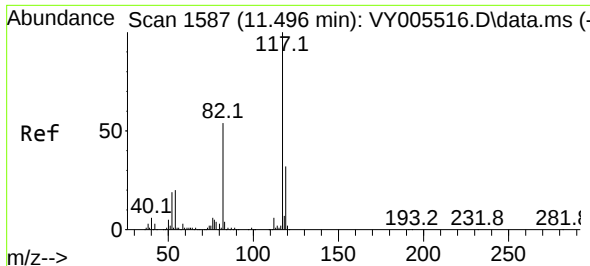
Tgt Ion: 98 Resp: 409622
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 57.463 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

Tgt Ion: 95 Resp: 143673
Ion Ratio Lower Upper
95 100
174 96.6 0.0 191.4
176 93.0 0.0 183.6

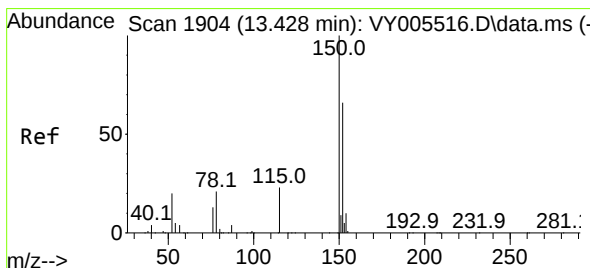
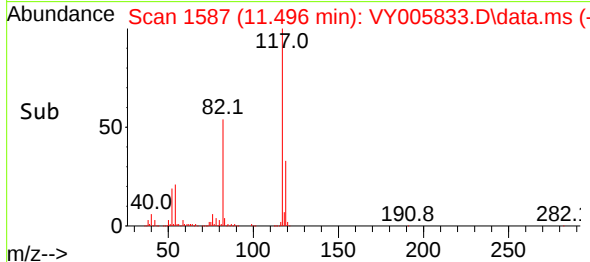
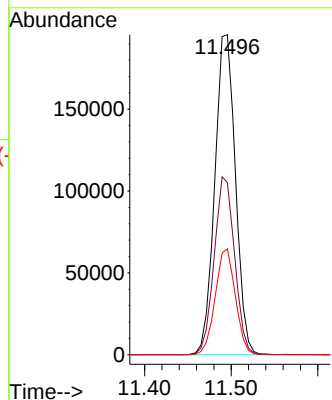
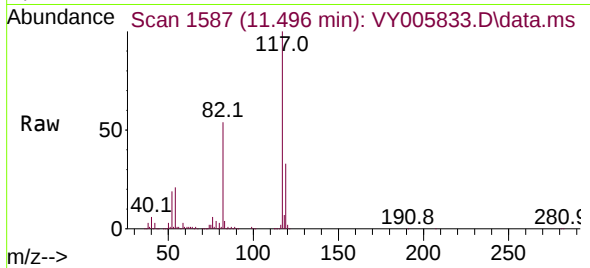




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

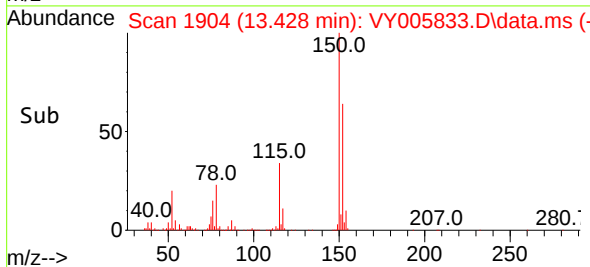
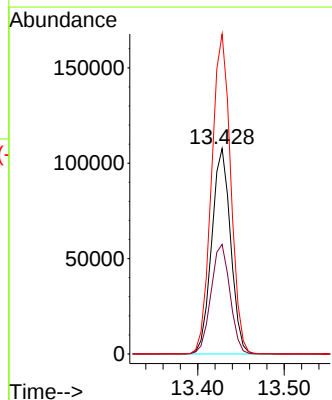
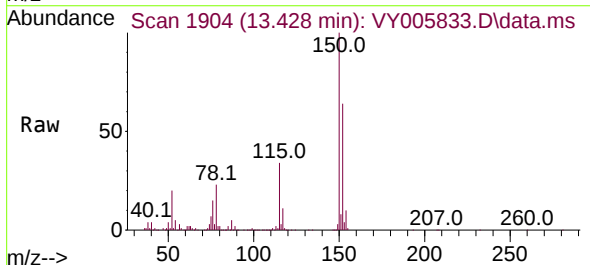
Instrument :
MSVOA_Y
ClientSampleId :
124019

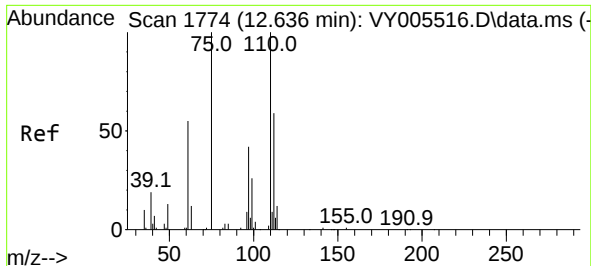
Tgt Ion:	117	Resp:	323925
Ion Ratio	Lower	Upper	
117	100		
82	53.8	43.5	65.3
119	33.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

Tgt Ion:	152	Resp:	163299
Ion Ratio	Lower	Upper	
152	100		
115	53.7	27.3	81.9
150	157.5	0.0	350.2

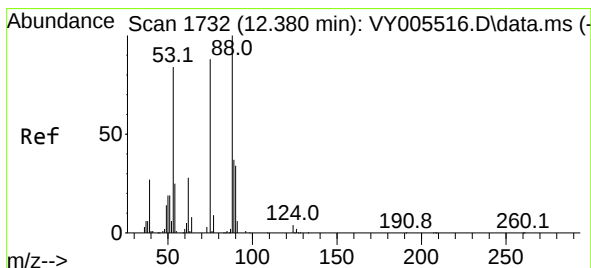
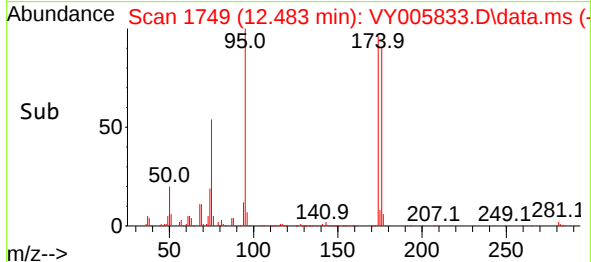
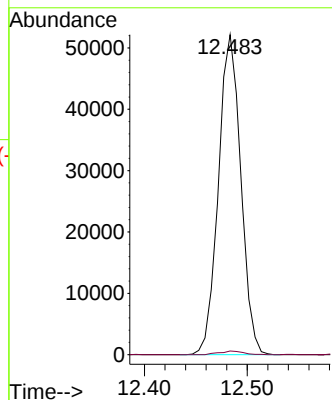
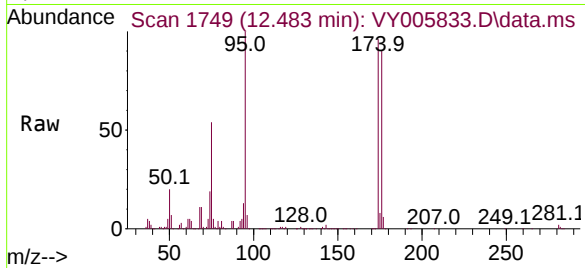




#76
1,2,3-Trichloropropane
Concen: 46.607 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

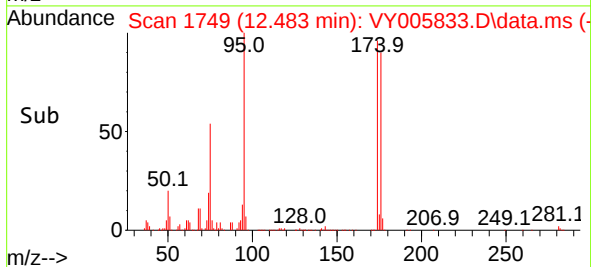
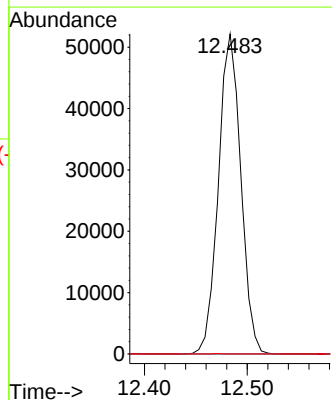
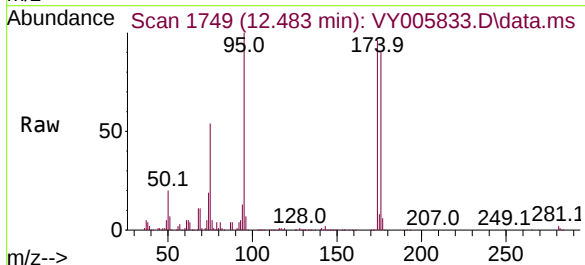
Instrument :
MSVOA_Y
ClientSampleId :
124019

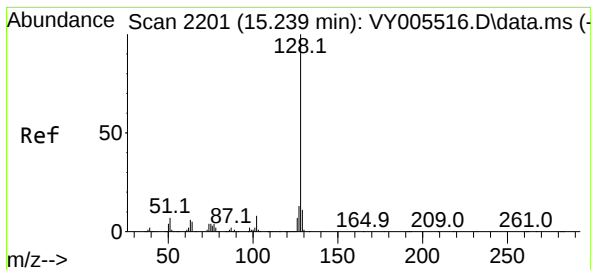
Tgt Ion: 75 Resp: 78871
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.954 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

Tgt Ion: 75 Resp: 78871
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#





#95
Naphthalene
Concen: 13.749 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

Instrument :
MSVOA_Y
ClientSampleId :
124019

Tgt Ion:128 Resp: 89864
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.0 8.7 13.1

