

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
 Data File : VY005826.D
 Acq On : 24 Aug 2021 17:31
 Operator : SY/MD
 Sample : M3513-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-082121

Quant Time: Aug 25 04:30:48 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)

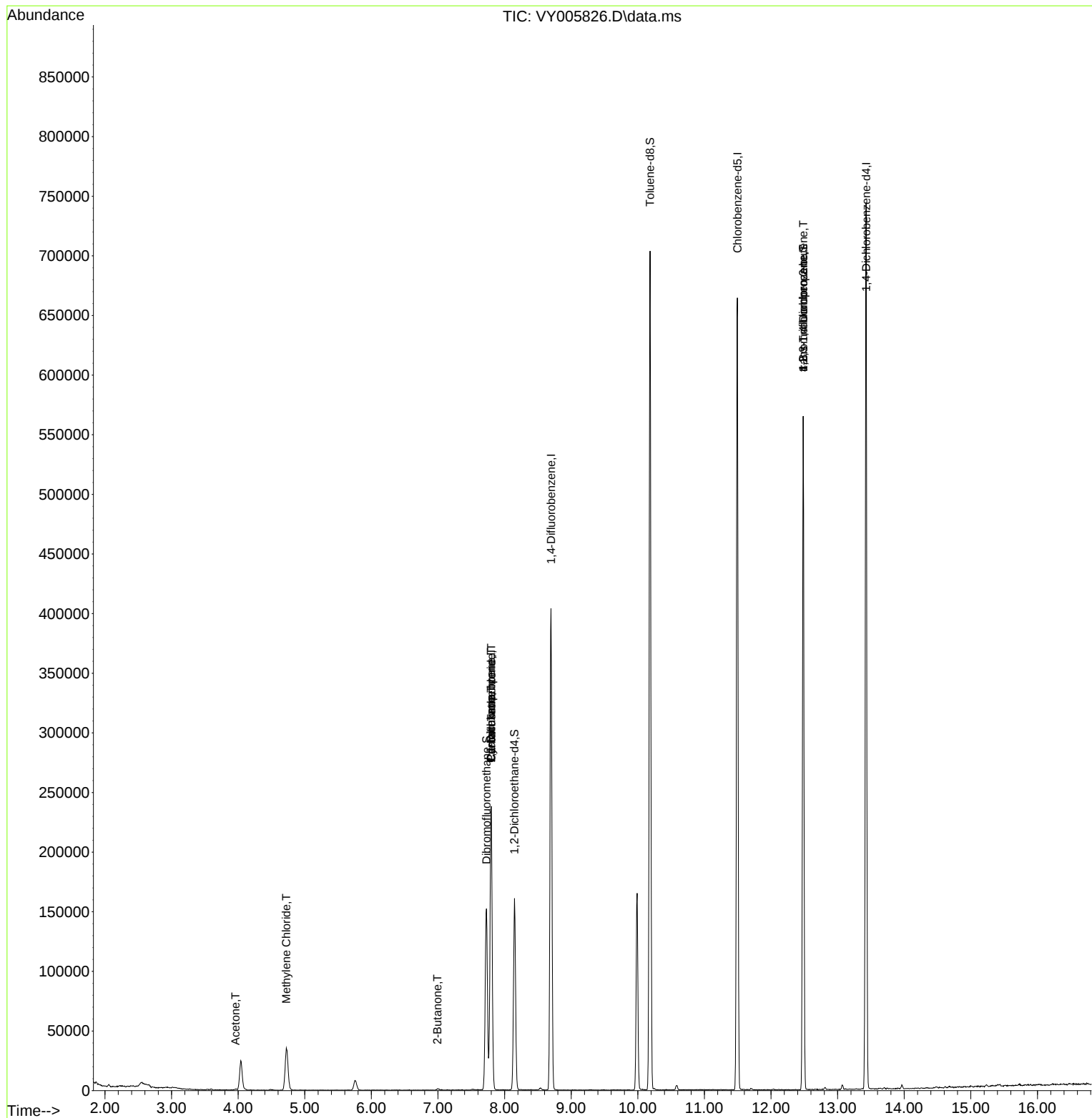
Internal Standards						
1) Pentafluorobenzene	7.801	168	197240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	343941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	358462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	127500	63.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.720%	
35) Dibromofluoromethane	7.728	113	103605	53.803	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.600%	
50) Toluene-d8	10.185	98	454168	56.237	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.480%	
62) 4-Bromofluorobenzene	12.483	95	155380	58.100	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.200%	
Target Compounds						Qvalue
16) Acetone	3.960	43	1526	3.031	ug/l	93
20) Methylene Chloride	4.722	84	26086	7.977	ug/l	93
25) 2-Butanone	6.990	43	1640	2.204	ug/l	92
31) Cyclohexane	7.795	56	3690	1.077	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13995	4.338	ug/l #	50
38) Carbon Tetrachloride	7.801	117	17679	5.042	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	86726	45.077	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	86726	90.869	ug/l #	11

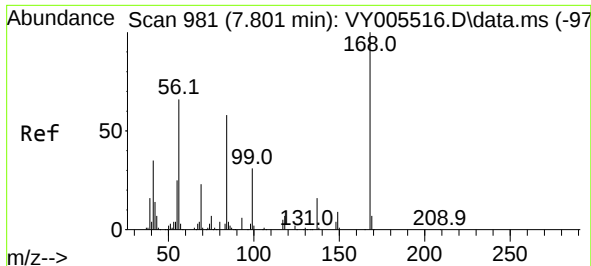
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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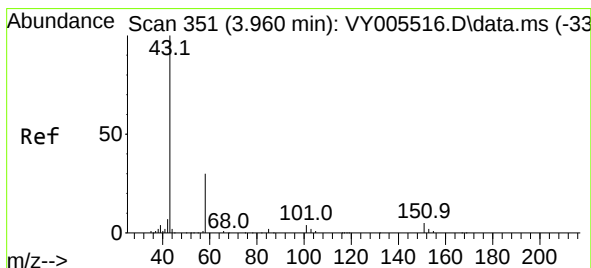
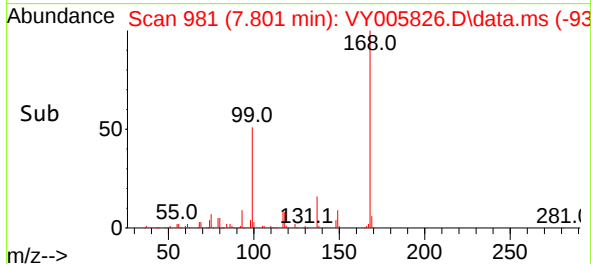
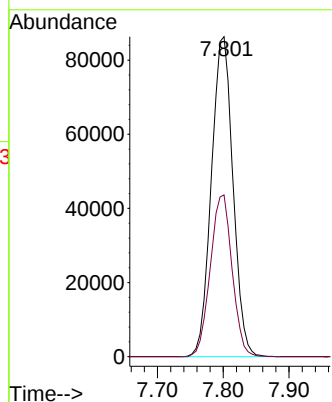
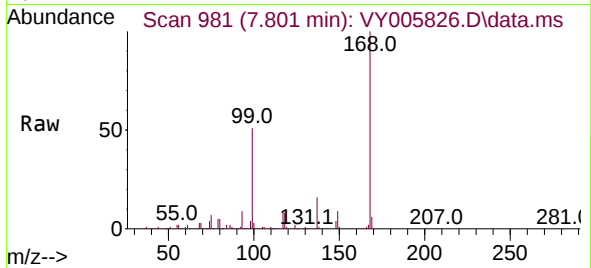




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005826.D
Acq: 24 Aug 2021 17:31

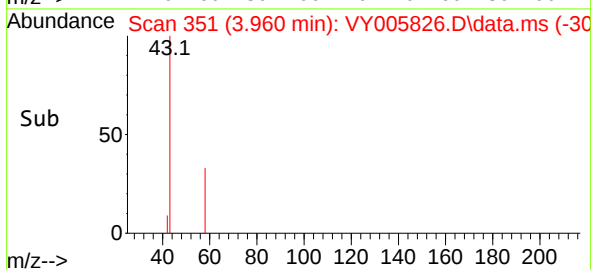
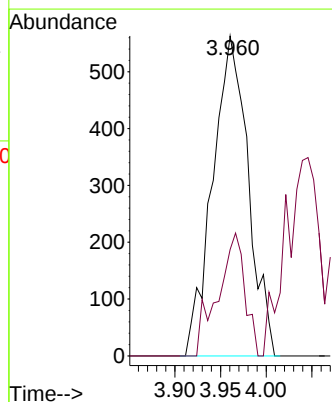
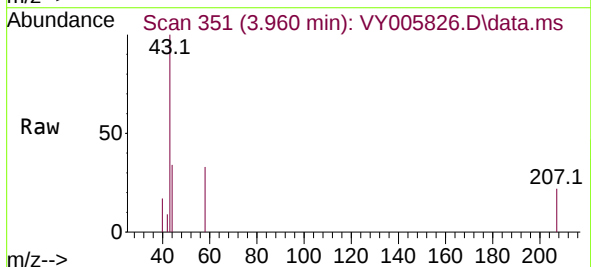
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-082121

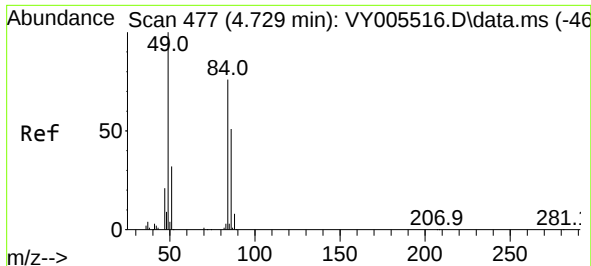
Tgt Ion:168 Resp: 197240
Ion Ratio Lower Upper
168 100
99 50.6 38.9 58.3



#16
Acetone
Concen: 3.031 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005826.D
Acq: 24 Aug 2021 17:31

Tgt Ion: 43 Resp: 1526
Ion Ratio Lower Upper
43 100
58 33.2 23.8 35.6





#20

Methylene Chloride

Concen: 7.977 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

Lab File: VY005826.D

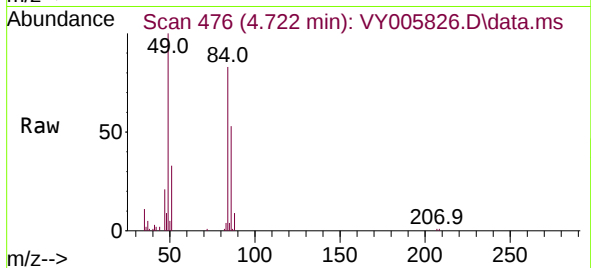
Acq: 24 Aug 2021 17:31

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-082121



Tgt Ion: 84 Resp: 26086

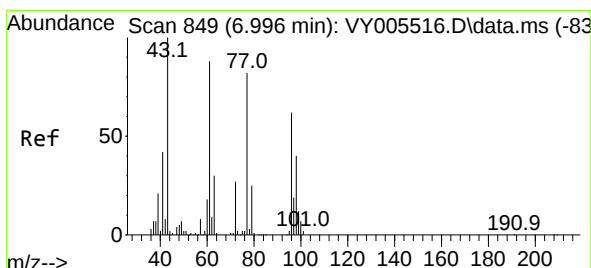
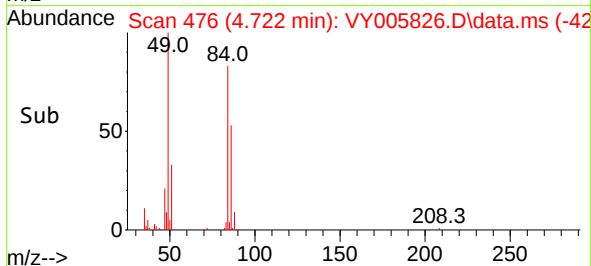
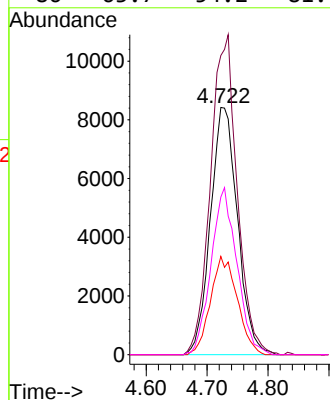
Ion Ratio Lower Upper

84 100

49 121.0 105.8 158.6

51 39.8 33.4 50.2

86 63.7 54.2 81.4



#25

2-Butanone

Concen: 2.204 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY005826.D

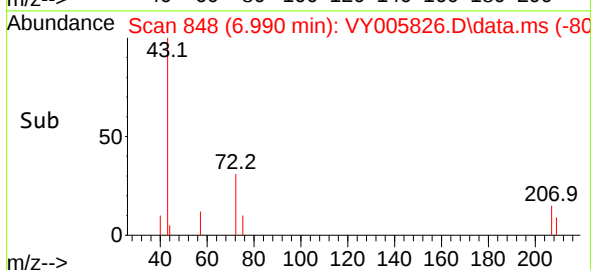
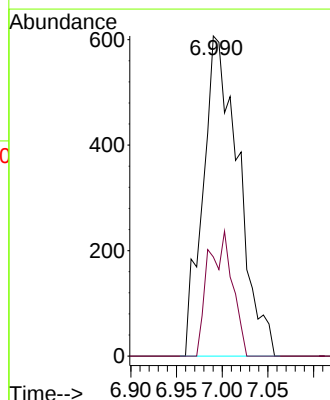
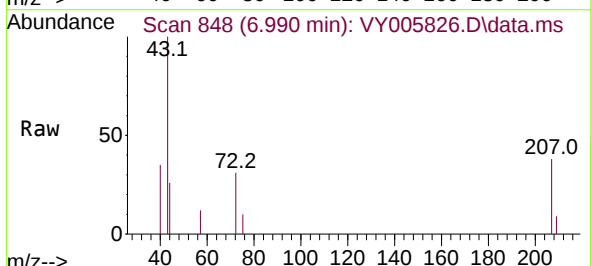
Acq: 24 Aug 2021 17:31

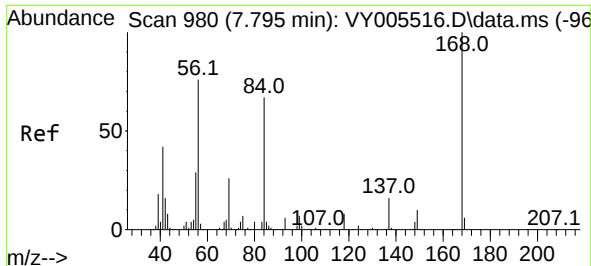
Tgt Ion: 43 Resp: 1640

Ion Ratio Lower Upper

43 100

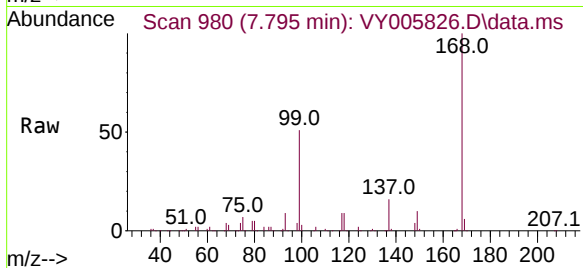
72 31.0 21.4 32.2



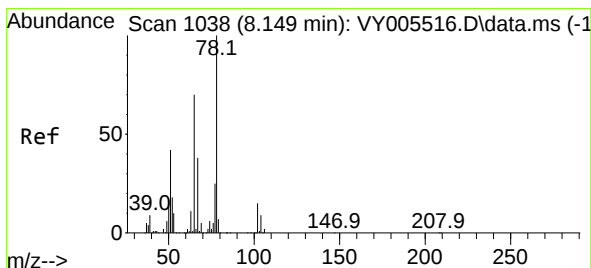
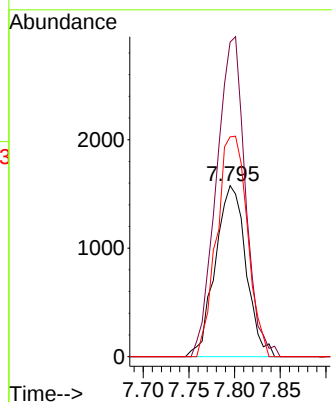
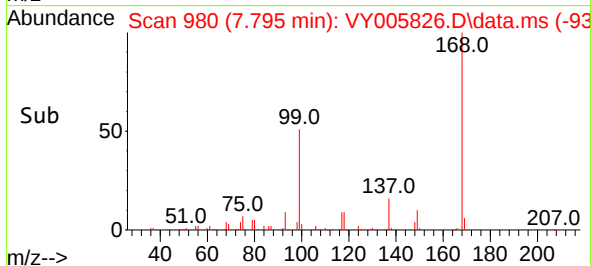


#31
Cyclohexane
Concen: 1.077 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005826.D
Acq: 24 Aug 2021 17:31

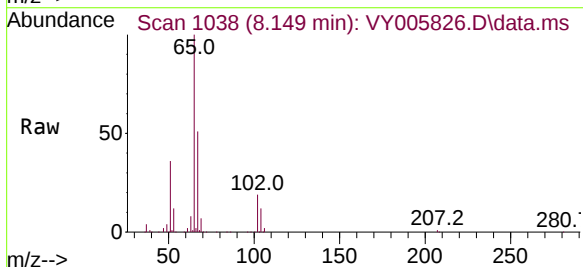
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-082121



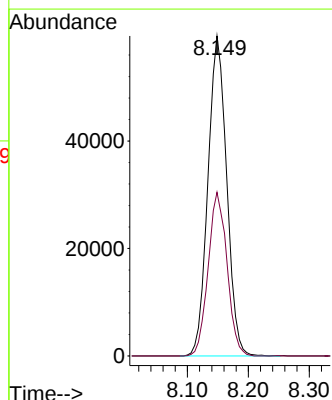
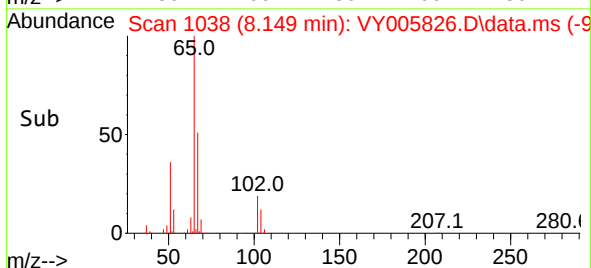
Tgt Ion: 56 Resp: 3690
Ion Ratio Lower Upper
56 100
69 184.0 27.7 41.5#
84 128.6 70.9 106.3#

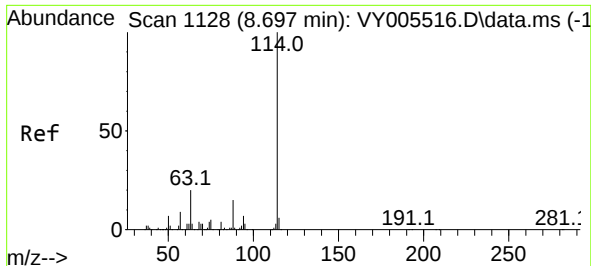


#33
1,2-Dichloroethane-d4
Concen: 63.860 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005826.D
Acq: 24 Aug 2021 17:31



Tgt Ion: 65 Resp: 127500
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4

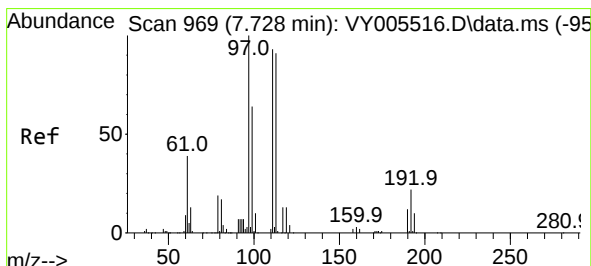
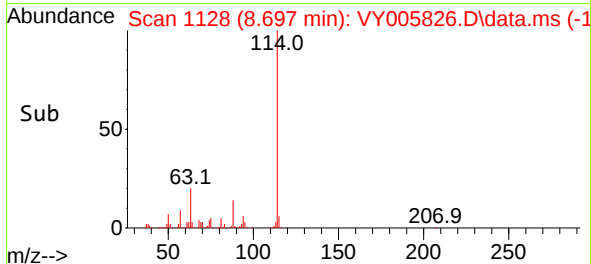
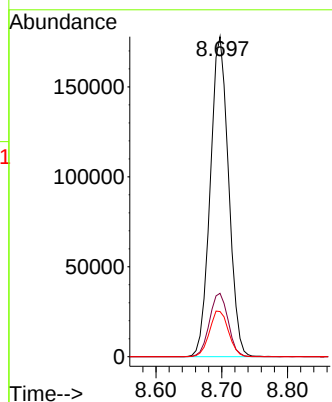
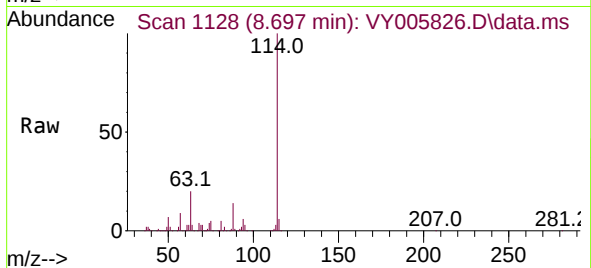




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005826.D
Acq: 24 Aug 2021 17:31

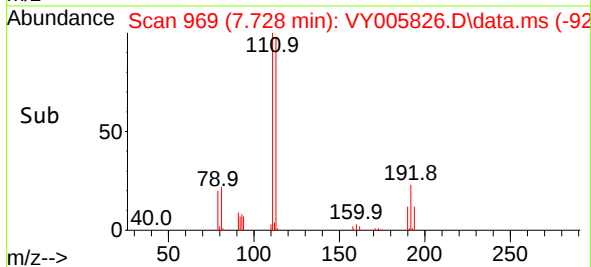
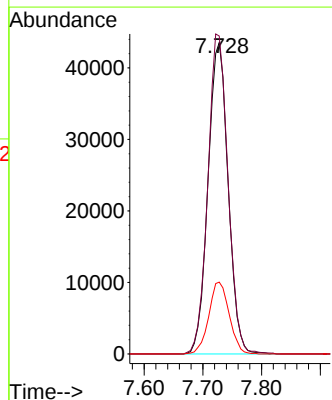
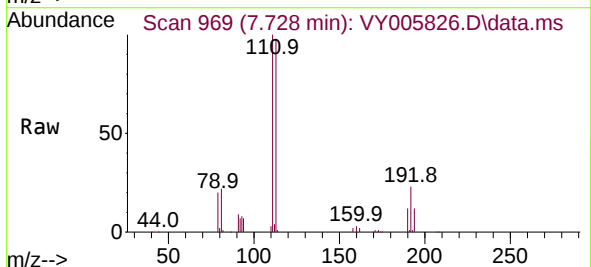
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-082121

Tgt Ion:114 Resp: 343941
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 14.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.803 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005826.D
Acq: 24 Aug 2021 17:31

Tgt Ion:113 Resp: 103605
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 23.5 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.338 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005826.D

Acq: 24 Aug 2021 17:31

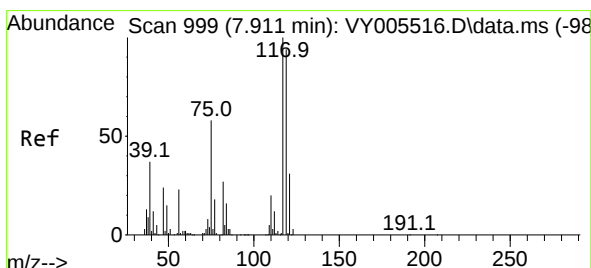
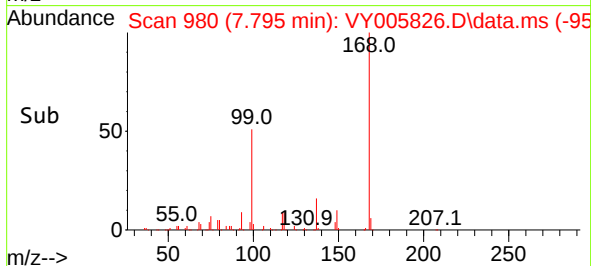
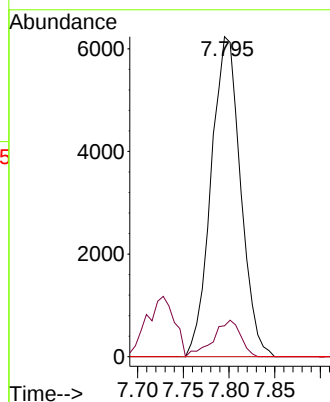
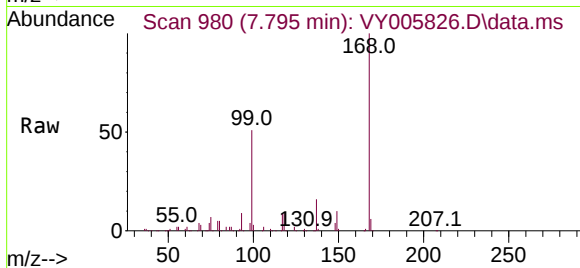
Instrument :

MSVOA_Y

ClientSampleId :

TR-04-082121

Tgt Ion:	75	Resp:	13995
Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.042 ug/l

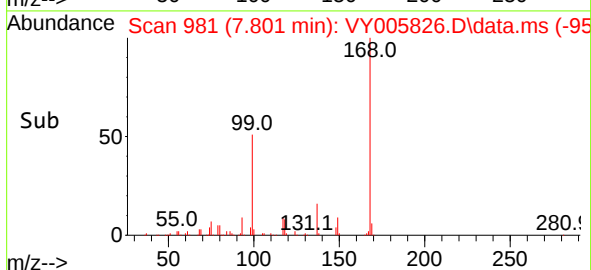
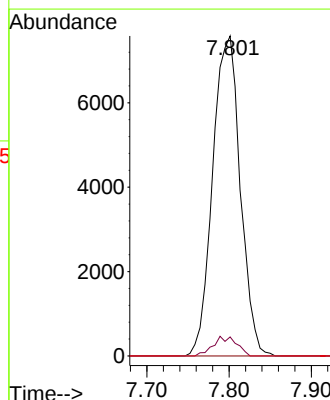
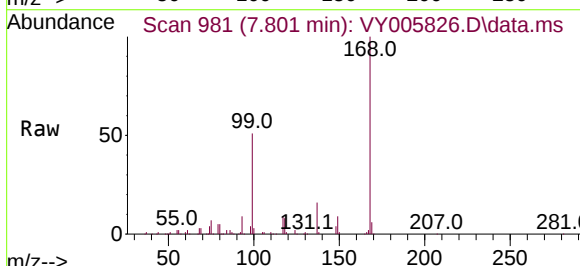
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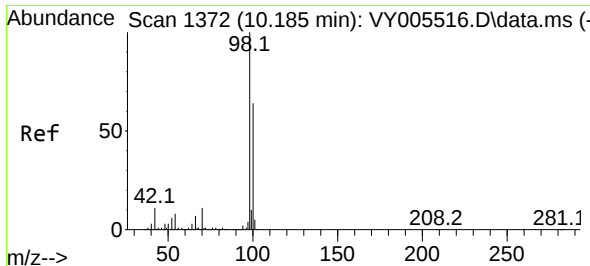
Delta R.T. -0.110 min

Lab File: VY005826.D

Acq: 24 Aug 2021 17:31

Tgt Ion:	117	Resp:	17679
Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.4	113.0#
121	0.0	25.1	37.7#

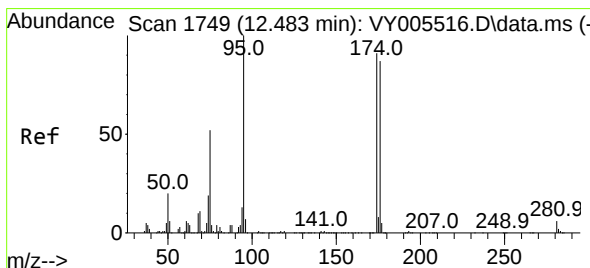
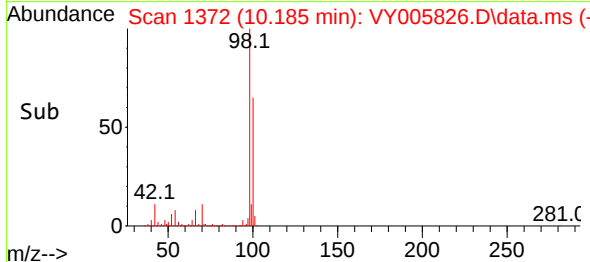
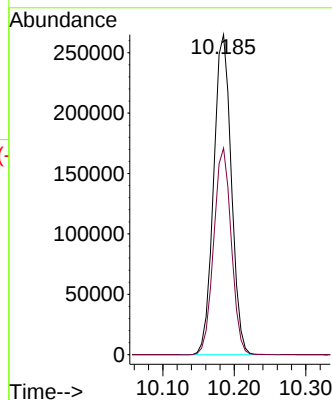
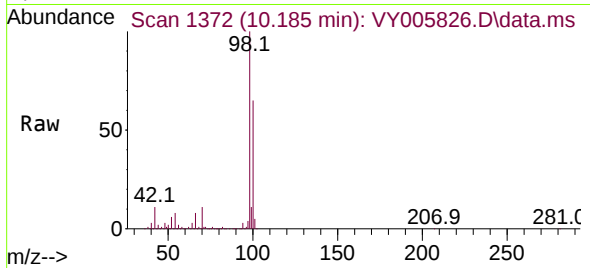




#50
Toluene-d8
Concen: 56.237 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005826.D
Acq: 24 Aug 2021 17:31

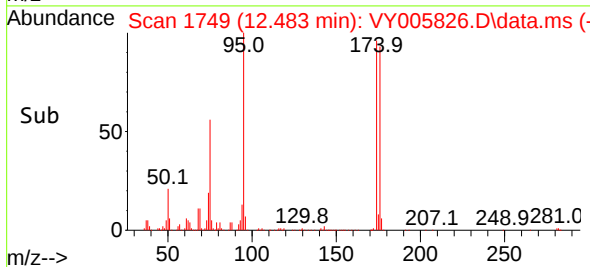
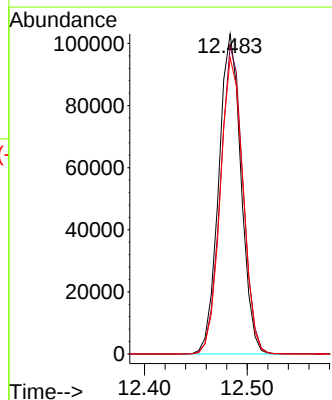
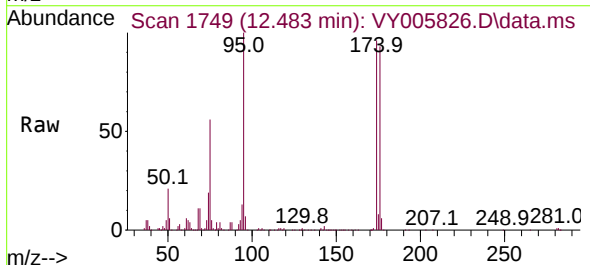
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-082121

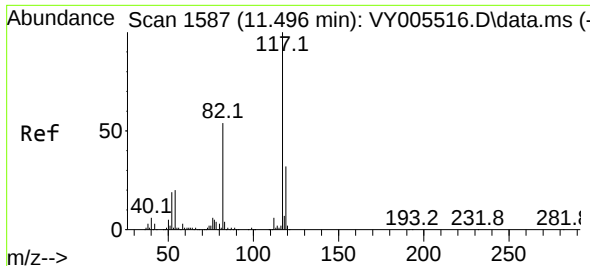
Tgt Ion: 98 Resp: 454168
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 58.100 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005826.D
Acq: 24 Aug 2021 17:31

Tgt Ion: 95 Resp: 155380
Ion Ratio Lower Upper
95 100
174 97.1 0.0 191.4
176 93.9 0.0 183.6

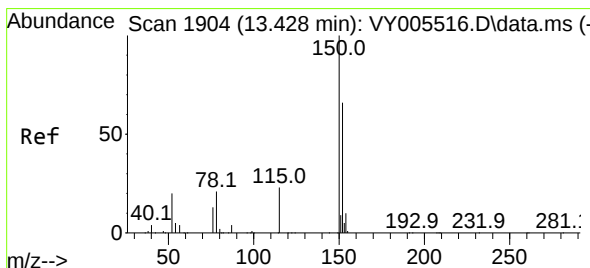
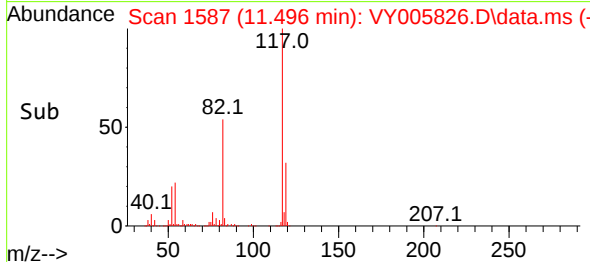
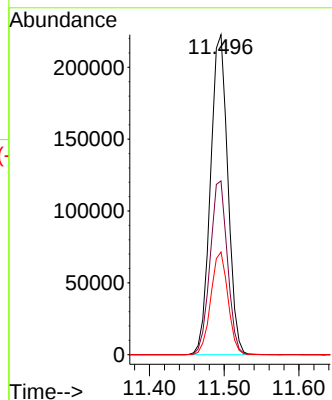
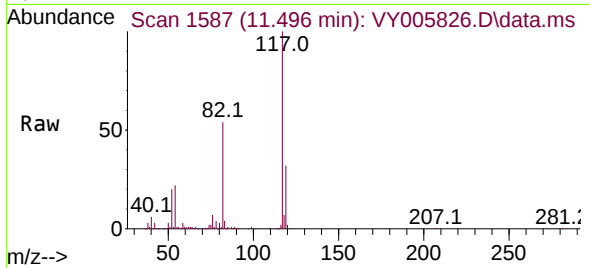




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005826.D
Acq: 24 Aug 2021 17:31

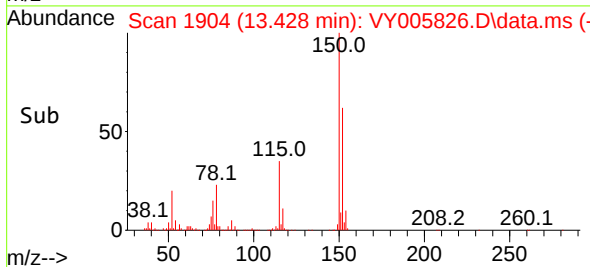
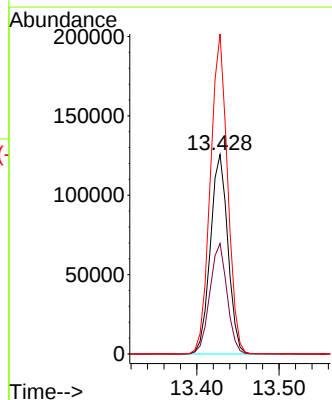
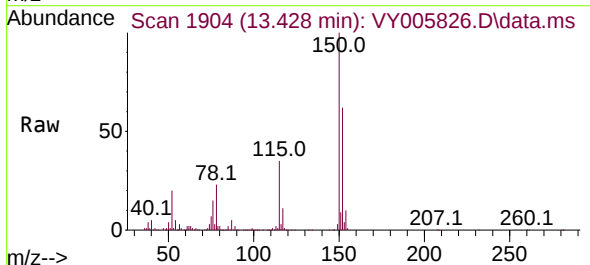
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-082121

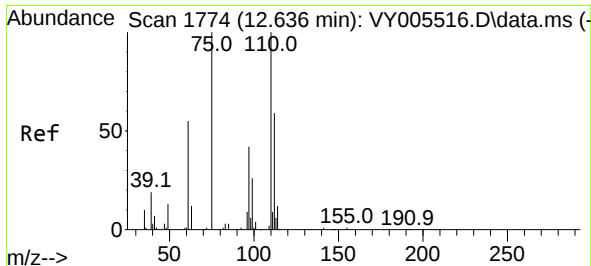
Tgt Ion:117 Resp: 358462
Ion Ratio Lower Upper
117 100
82 54.3 43.5 65.3
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005826.D
Acq: 24 Aug 2021 17:31

Tgt Ion:152 Resp: 185658
Ion Ratio Lower Upper
152 100
115 54.7 27.3 81.9
150 157.7 0.0 350.2

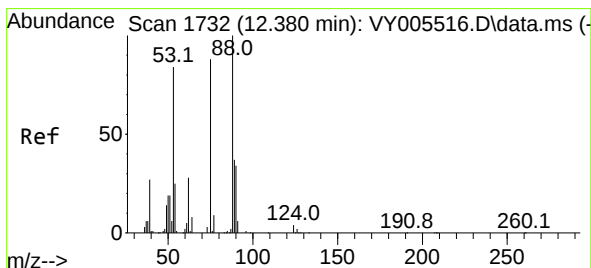
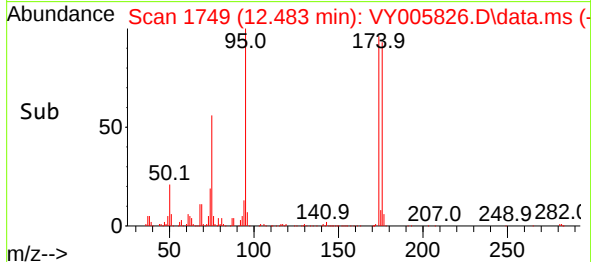
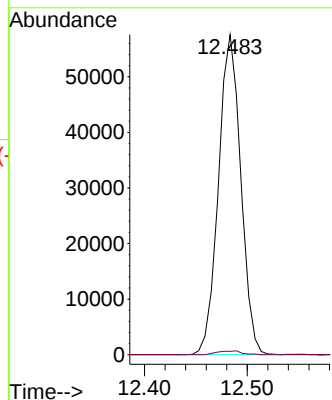
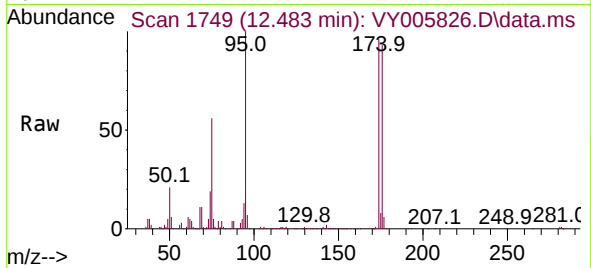




#76
1,2,3-Trichloropropane
Concen: 45.077 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005826.D
Acq: 24 Aug 2021 17:31

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-082121

Tgt Ion: 75 Resp: 86726
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.869 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005826.D
Acq: 24 Aug 2021 17:31

Tgt Ion: 75 Resp: 86726
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

