

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019032.D
 Acq On : 13 Aug 2024 16:19
 Operator : SY/MD
 Sample : P3519-17
 Misc : 6.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-01-080624

Quant Time: Aug 14 01:39:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

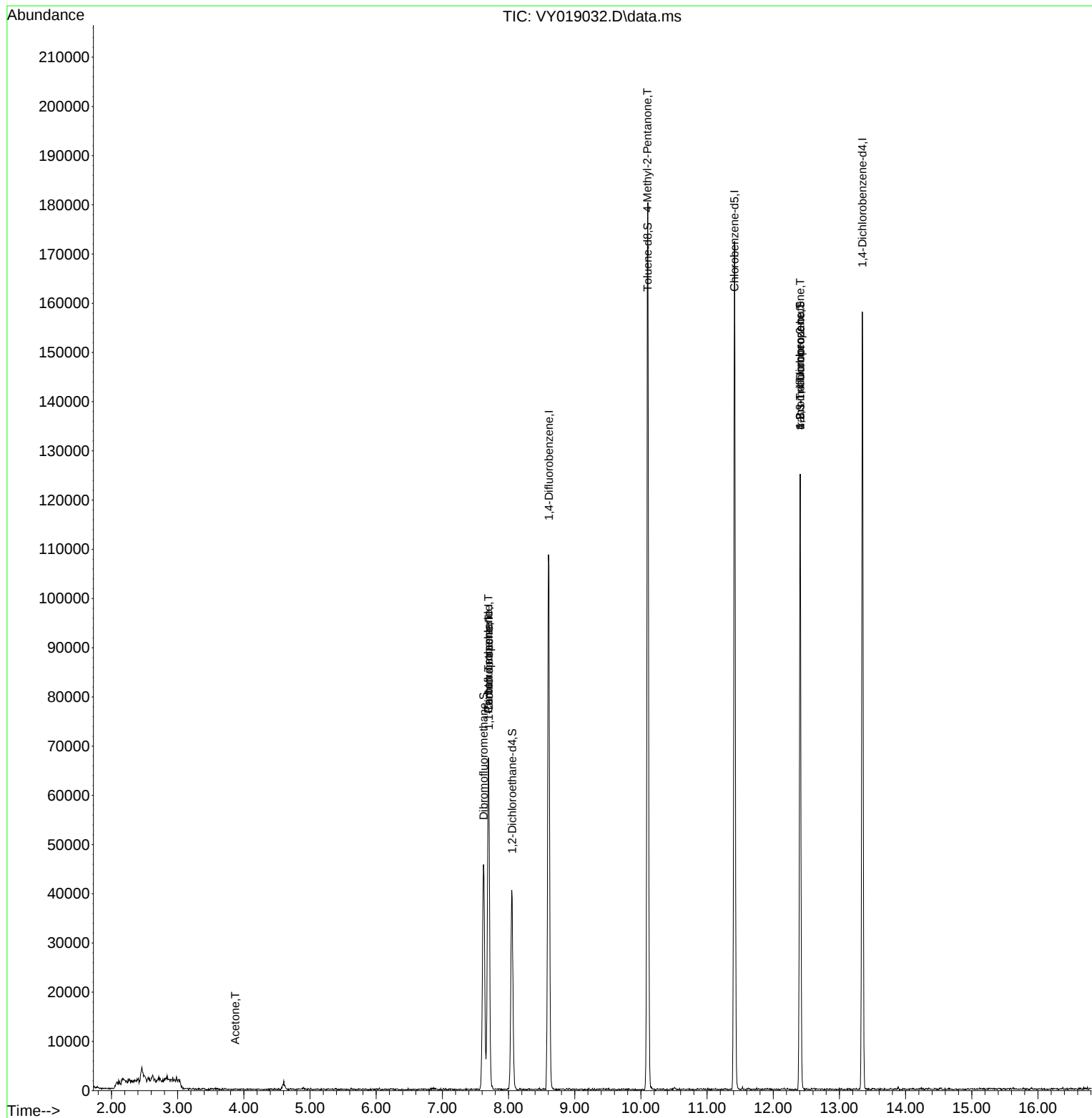
Internal Standards						
1) Pentafluorobenzene	7.695	168	53697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	93710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	83842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	34933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	25913	54.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.920%	
35) Dibromofluoromethane	7.622	113	29528	49.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.680%	
50) Toluene-d8	10.103	98	108437	47.169	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.340%	
62) 4-Bromofluorobenzene	12.408	95	29640	43.458	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.920%	
Target Compounds						
						Qvalue
3) Chloromethane	2.117	50	55	Below Cal	#	43
16) Acetone	3.872	43	38	12.823	ug/l #	36
20) Methylene Chloride	4.604	84	876	Below Cal		89
31) Cyclohexane	7.695	56	1415	Below Cal	#	68
36) 1,1-Dichloropropene	7.701	75	3923	4.883	ug/l #	49
38) Carbon Tetrachloride	7.695	117	4540	4.928	ug/l #	17
41) Methacrylonitrile	7.341	41	35	Below Cal	#	15
51) 4-Methyl-2-Pentanone	10.097	43	578	1.501	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	17415	66.918	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	17415	137.890	ug/l #	16

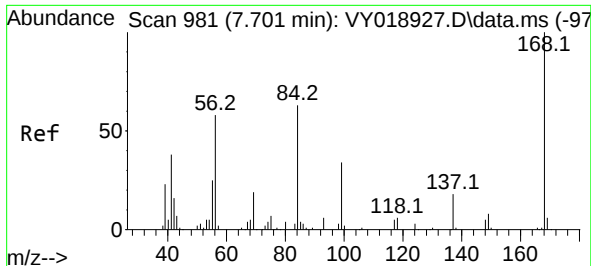
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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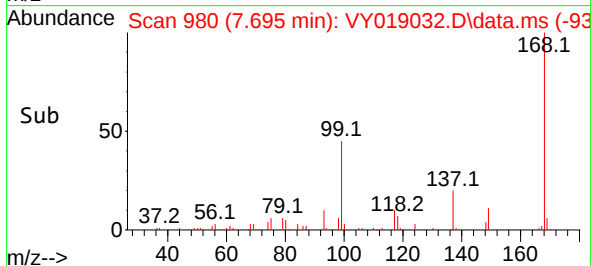
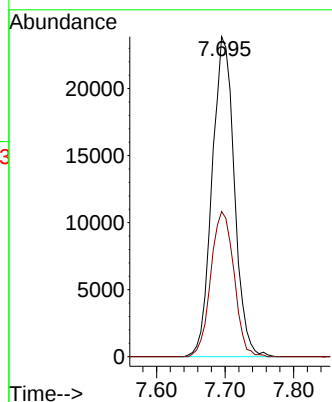
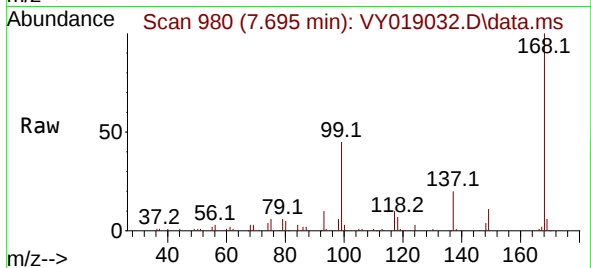




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019032.D
Acq: 13 Aug 2024 16:19

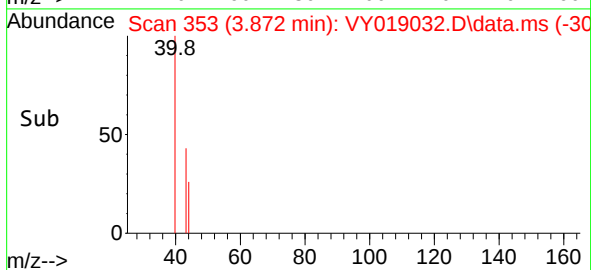
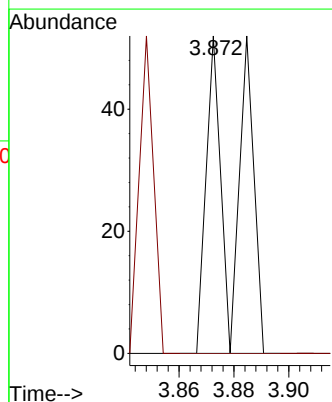
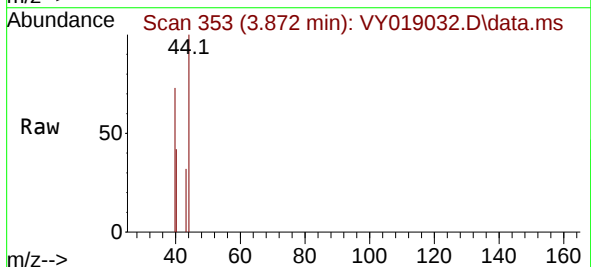
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-01-080624

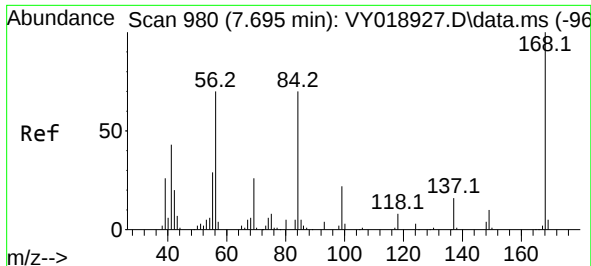
Tgt Ion:168 Resp: 53697
Ion Ratio Lower Upper
168 100
99 45.3 39.1 58.7



#16
Acetone
Concen: 12.823 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY019032.D
Acq: 13 Aug 2024 16:19

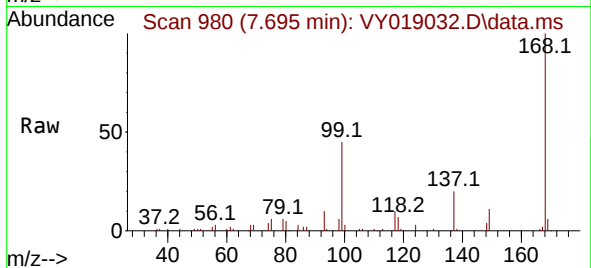
Tgt Ion: 43 Resp: 38
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



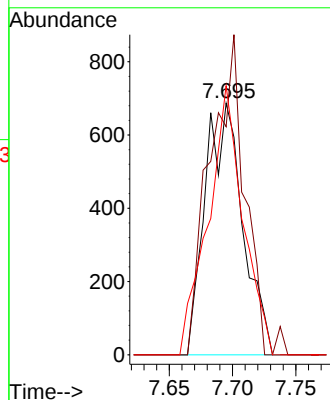
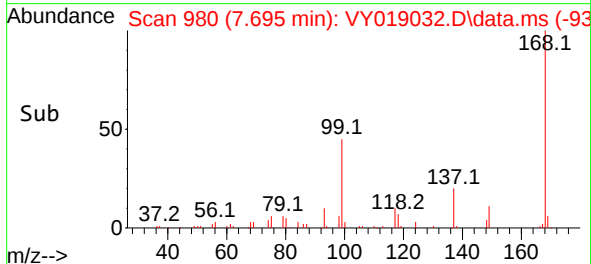


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019032.D
Acq: 13 Aug 2024 16:19

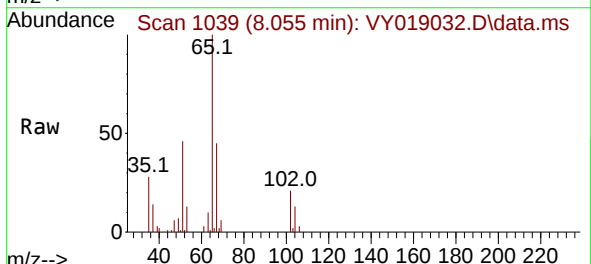
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-01-080624



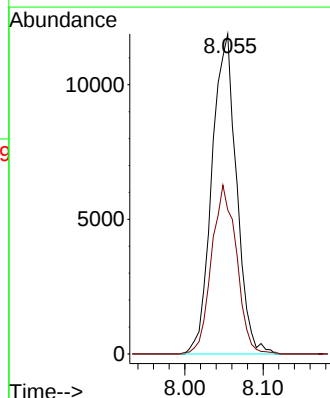
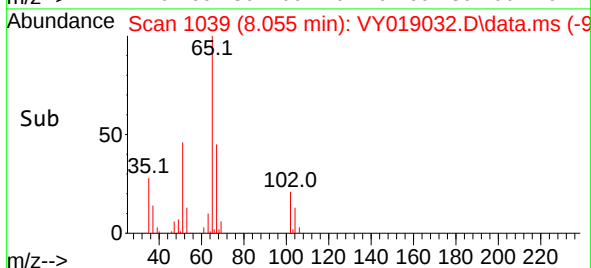
Tgt Ion: 56 Resp: 1415
Ion Ratio Lower Upper
56 100
69 90.7 28.7 43.1#
84 106.8 77.7 116.5

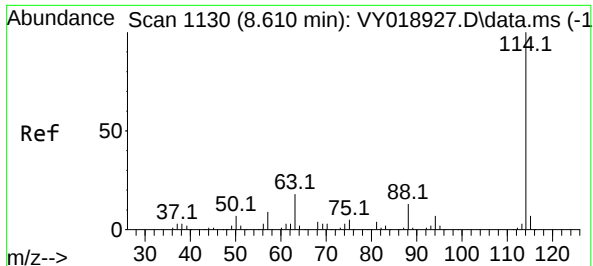


#33
1,2-Dichloroethane-d4
Concen: 54.964 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019032.D
Acq: 13 Aug 2024 16:19



Tgt Ion: 65 Resp: 25913
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019032.D

Acq: 13 Aug 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-01-080624

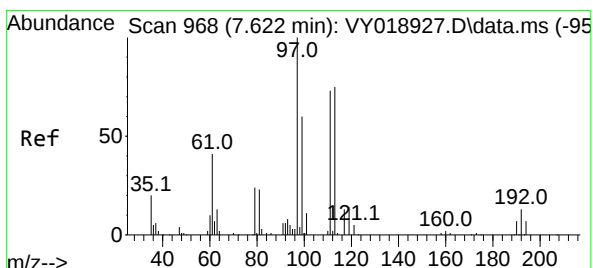
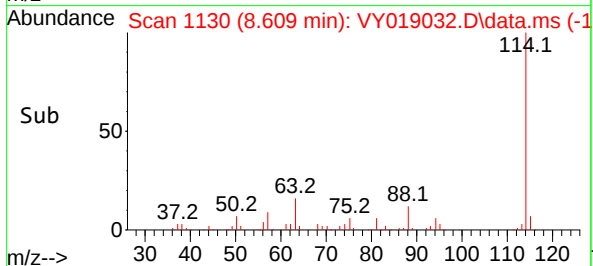
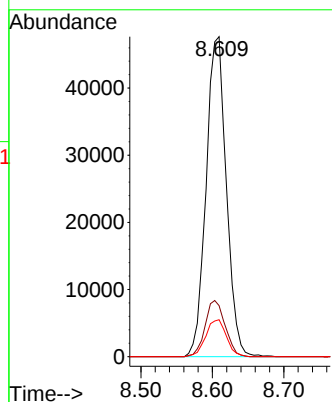
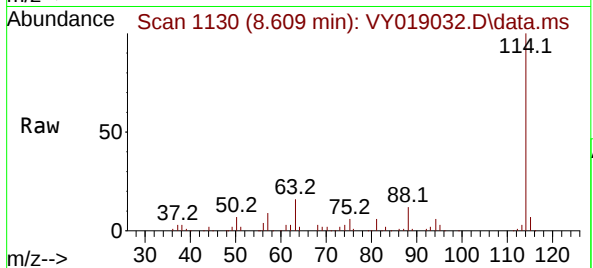
Tgt Ion:114 Resp: 93710

Ion Ratio Lower Upper

114 100

63 16.0 0.0 35.0

88 11.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.336 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019032.D

Acq: 13 Aug 2024 16:19

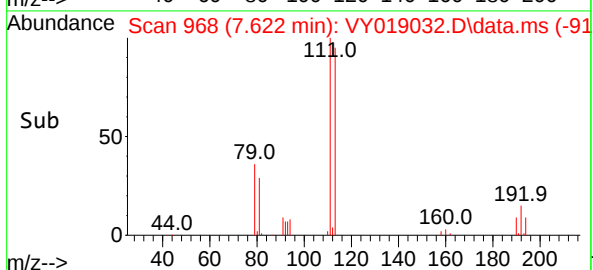
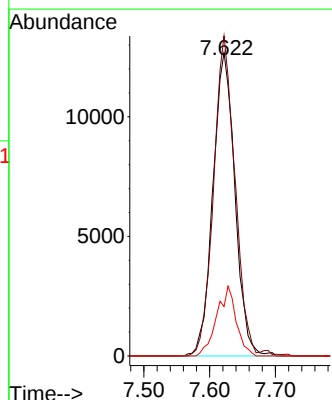
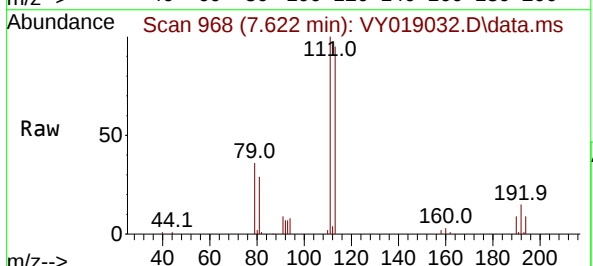
Tgt Ion:113 Resp: 29528

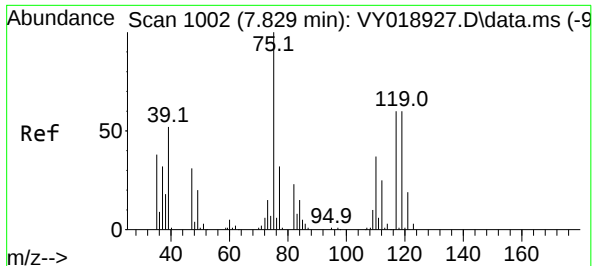
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 20.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.883 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY019032.D

Acq: 13 Aug 2024 16:19

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OU4-CF-01-080624

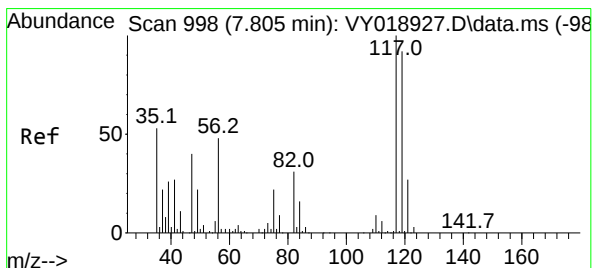
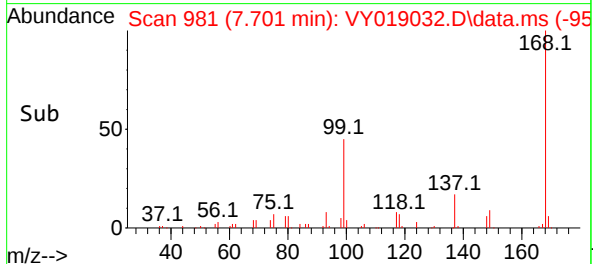
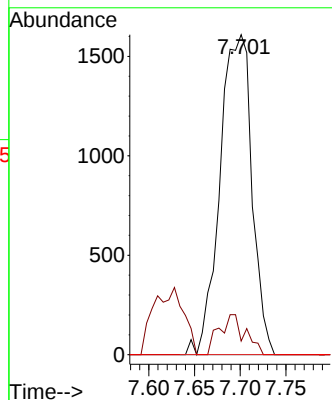
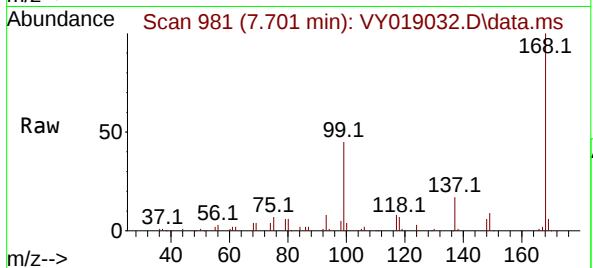
Tgt Ion: 75 Resp: 3923

Ion Ratio Lower Upper

75 100

110 10.1 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 4.928 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY019032.D

Acq: 13 Aug 2024 16:19

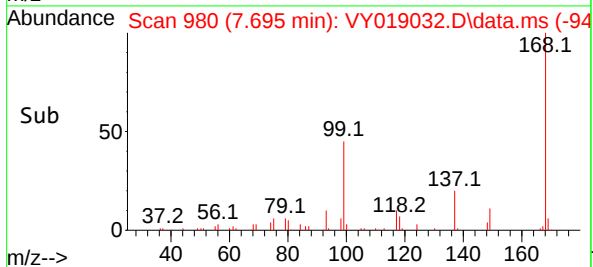
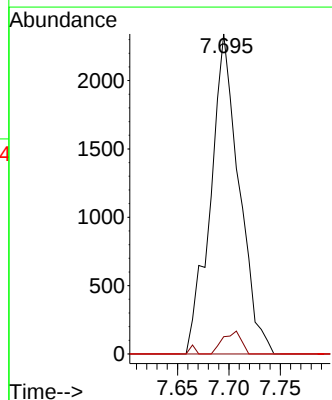
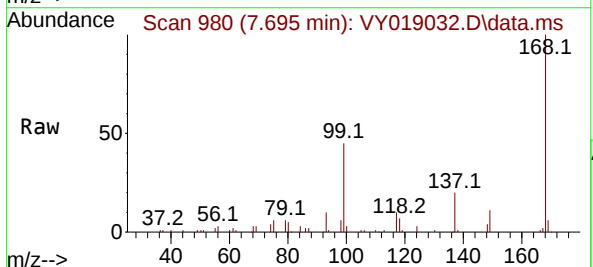
Tgt Ion: 117 Resp: 4540

Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.6#

121 0.0 24.0 36.0#

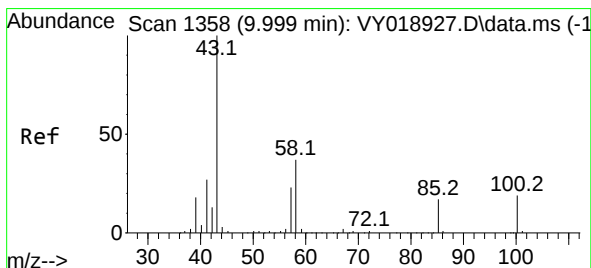
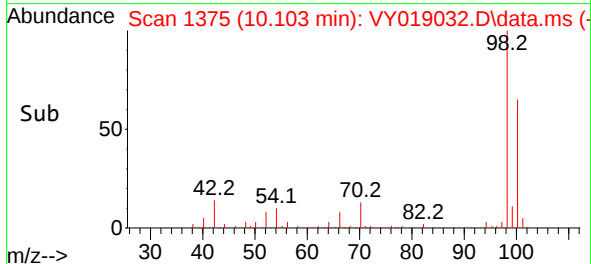
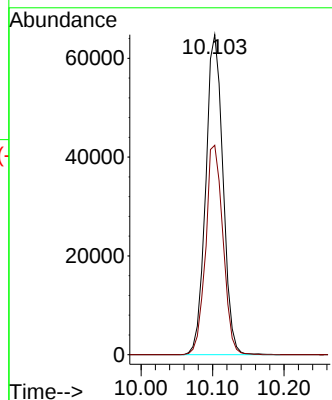
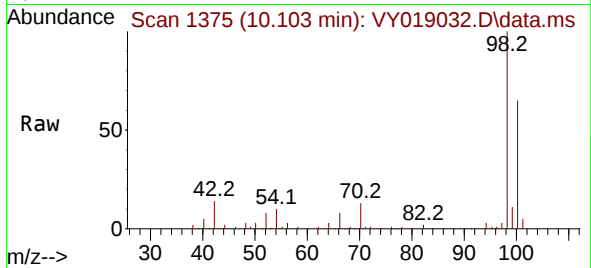




#50
Toluene-d8
Concen: 47.169 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019032.D
Acq: 13 Aug 2024 16:19

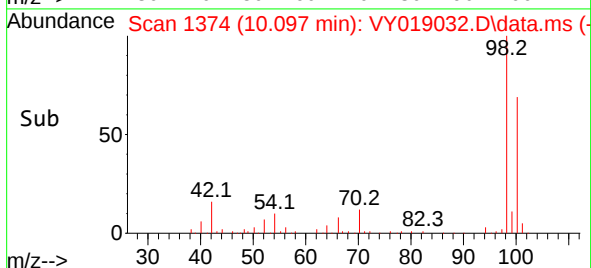
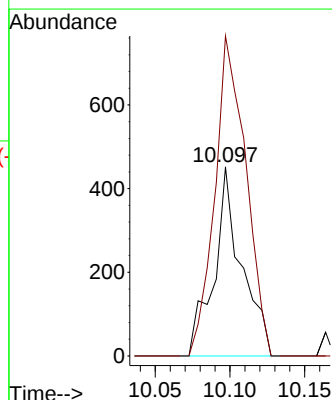
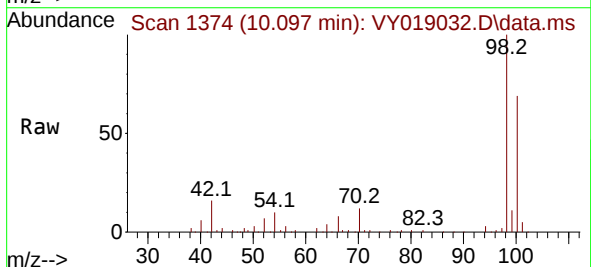
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-01-080624

Tgt Ion: 98 Resp: 108437
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.501 ug/l
RT: 10.097 min Scan# 1374
Delta R.T. 0.097 min
Lab File: VY019032.D
Acq: 13 Aug 2024 16:19

Tgt Ion: 43 Resp: 578
Ion Ratio Lower Upper
43 100
58 191.3 35.7 53.5#

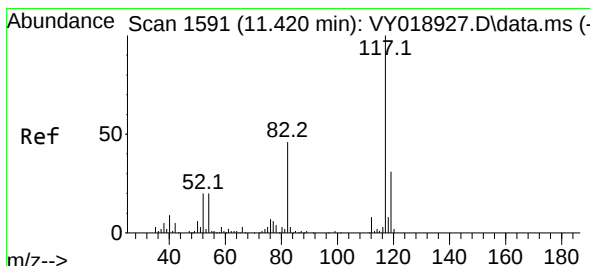
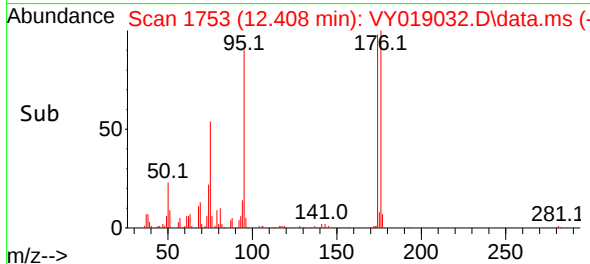
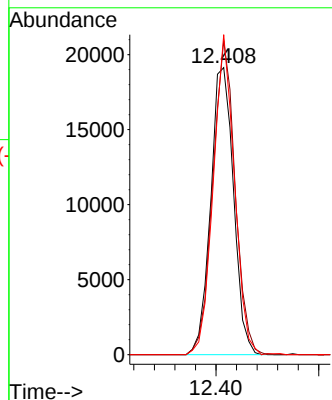
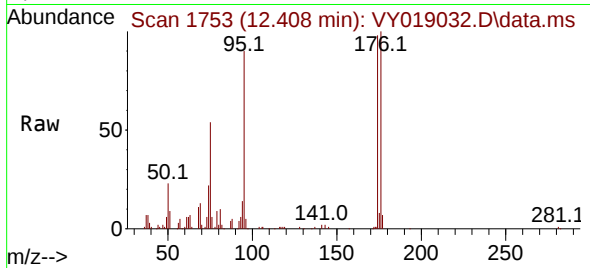




#62
4-Bromofluorobenzene
Concen: 43.458 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019032.D
Acq: 13 Aug 2024 16:19

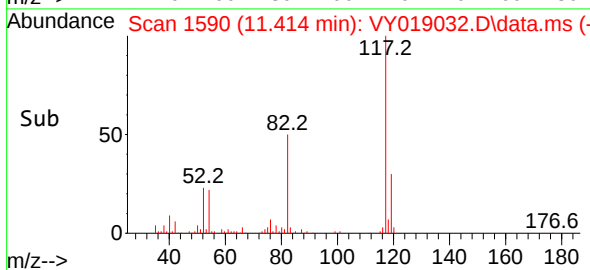
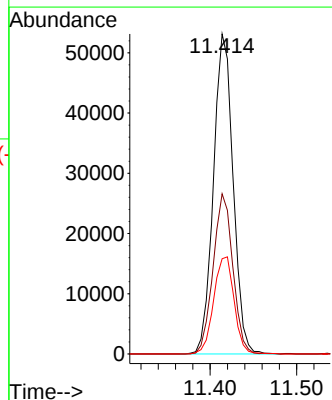
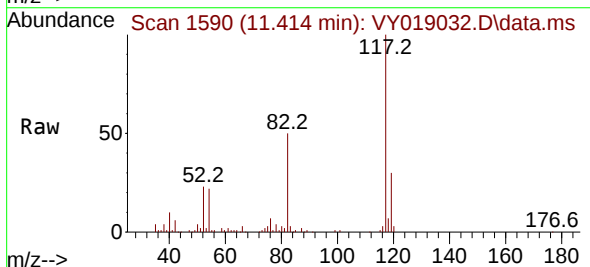
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-01-080624

Tgt Ion:	95	Resp:	29640
Ion Ratio	Lower	Upper	
95	100		
174	106.4	0.0	175.6
176	102.2	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019032.D
Acq: 13 Aug 2024 16:19

Tgt Ion:	117	Resp:	83842
Ion Ratio	Lower	Upper	
117	100		
82	50.0	42.4	63.6
119	29.8	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY019032.D

Acq: 13 Aug 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-01-080624

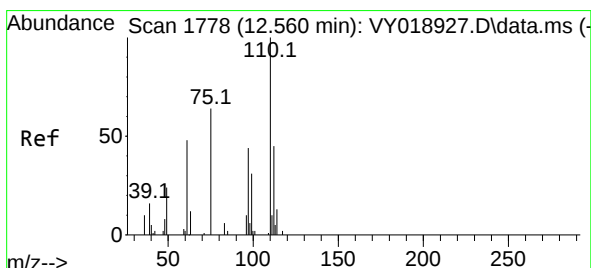
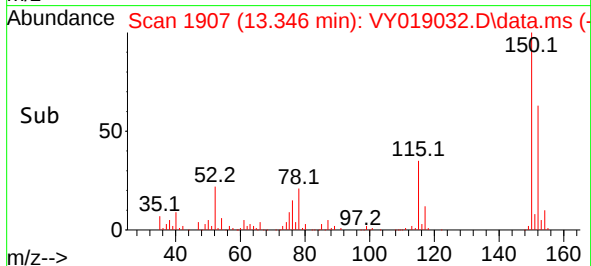
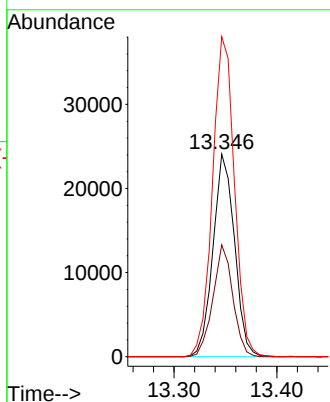
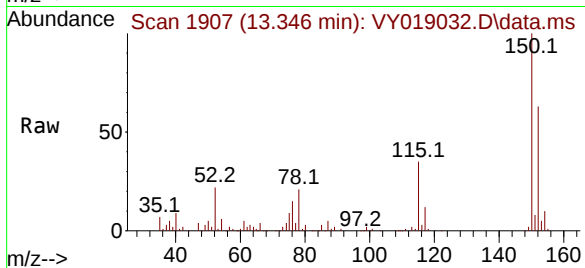
Tgt Ion:152 Resp: 34933

Ion Ratio Lower Upper

152 100

115 51.0 28.2 84.7

150 160.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 66.918 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019032.D

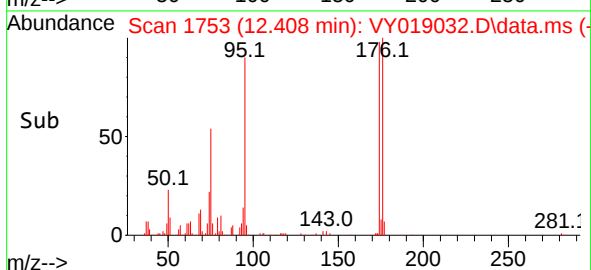
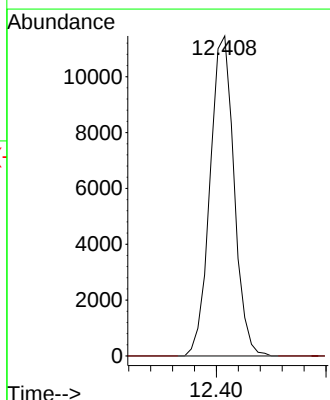
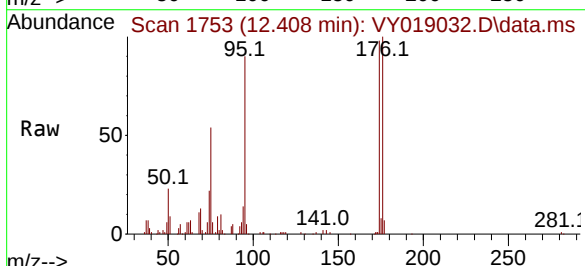
Acq: 13 Aug 2024 16:19

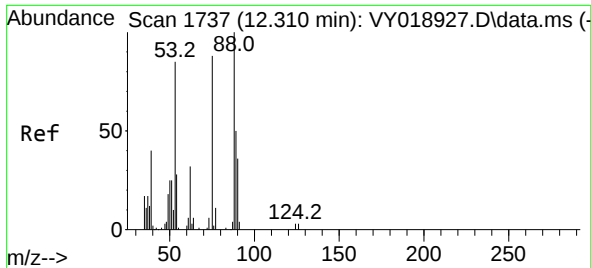
Tgt Ion: 75 Resp: 17415

Ion Ratio Lower Upper

75 100

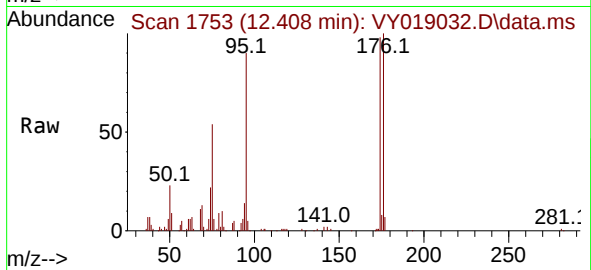
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.890 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY019032.D
 Acq: 13 Aug 2024 16:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-01-080624



Tgt Ion:	75	Resp:	17415
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

