

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019033.D
 Acq On : 13 Aug 2024 16:44
 Operator : SY/MD
 Sample : P3519-19
 Misc : 6.70g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-02-080624

Quant Time: Aug 14 01:39:25 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

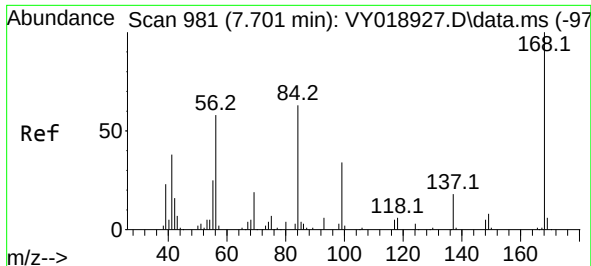
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	57539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	96322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	86328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	34244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	27794	55.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.040%
35) Dibromofluoromethane	7.622	113	30764	50.007	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.020%
50) Toluene-d8	10.103	98	115399	48.836	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.680%
62) 4-Bromofluorobenzene	12.408	95	30735	43.841	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.680%
Target Compounds						
					Qvalue	
3) Chloromethane	2.092	50	18	Below Cal	#	43
16) Acetone	3.879	43	150	13.617	ug/l #	36
20) Methylene Chloride	4.604	84	1713	Below Cal	#	79
31) Cyclohexane	7.701	56	1570	Below Cal	#	66
36) 1,1-Dichloropropene	7.695	75	4262	5.161	ug/l #	49
38) Carbon Tetrachloride	7.695	117	4943	5.220	ug/l #	16
51) 4-Methyl-2-Pentanone	10.103	43	750	1.894	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	18003	70.569	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	18003	145.414	ug/l #	16

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

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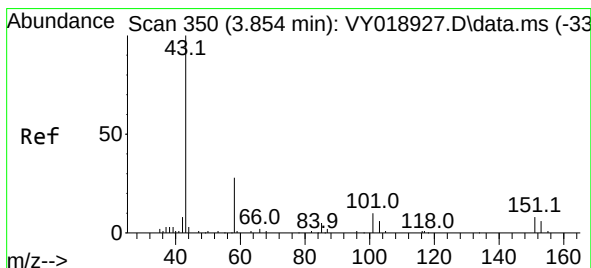
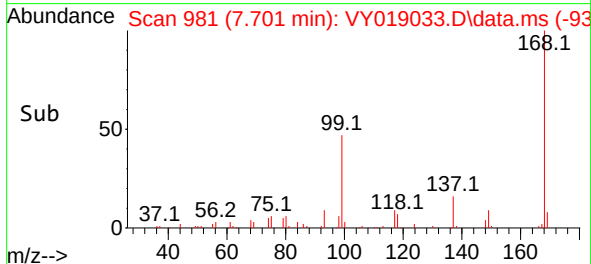
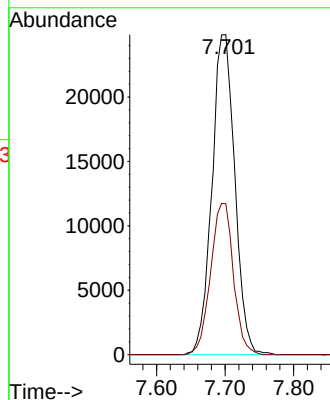
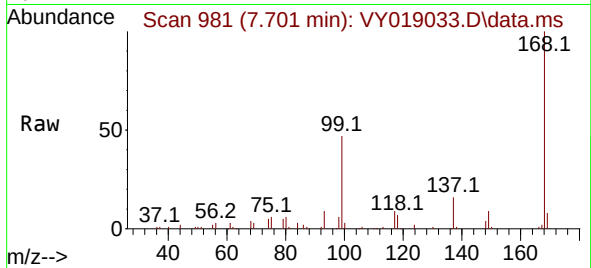




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019033.D
Acq: 13 Aug 2024 16:44

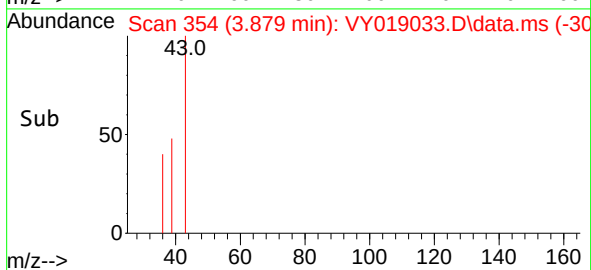
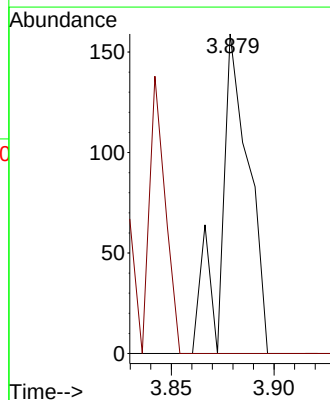
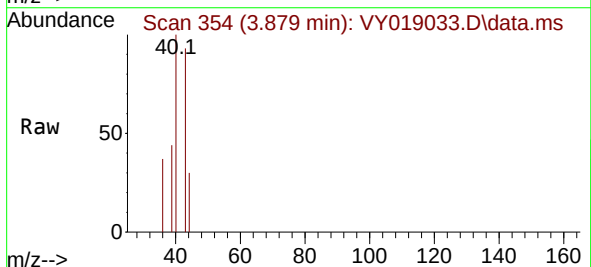
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-02-080624

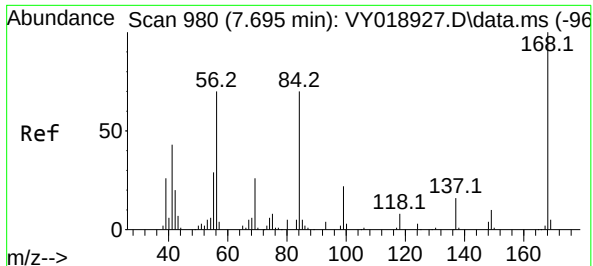
Tgt Ion:168 Resp: 57539
Ion Ratio Lower Upper
168 100
99 47.1 39.1 58.7



#16
Acetone
Concen: 13.617 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.024 min
Lab File: VY019033.D
Acq: 13 Aug 2024 16:44

Tgt Ion: 43 Resp: 150
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

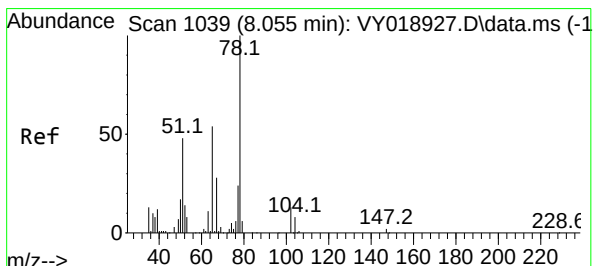
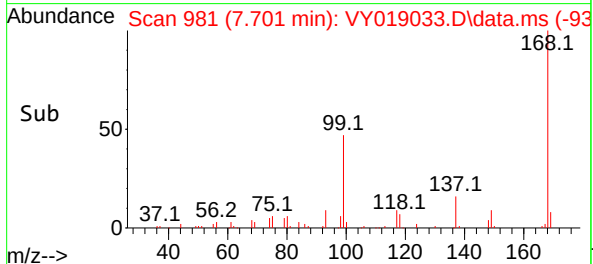
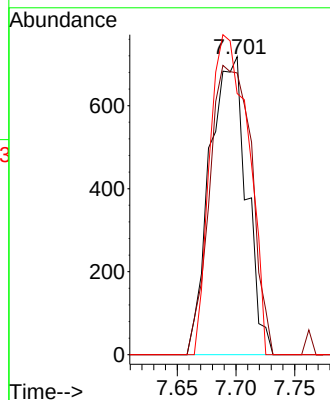
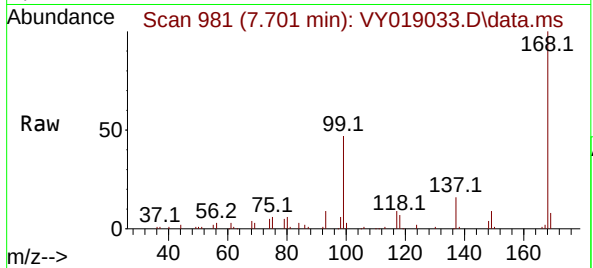




#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019033.D
Acq: 13 Aug 2024 16:44

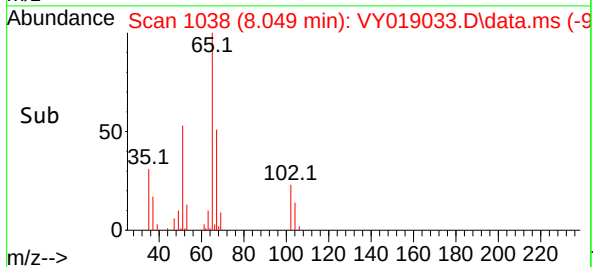
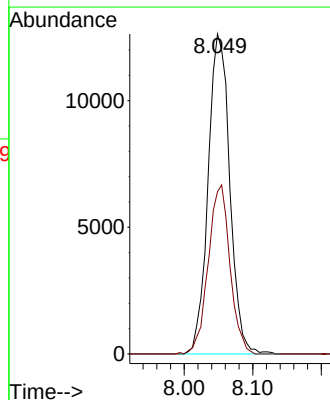
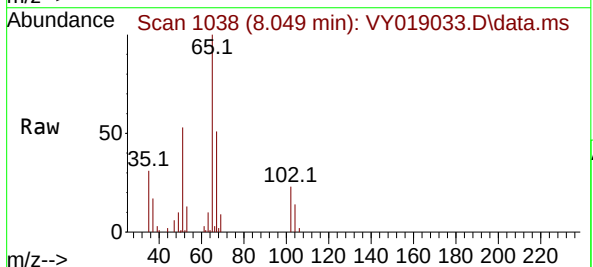
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-02-080624

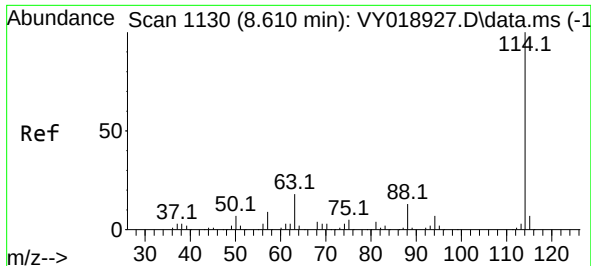
Tgt Ion: 56 Resp: 1570
Ion Ratio Lower Upper
56 100
69 94.6 28.7 43.1#
84 87.6 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 55.017 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019033.D
Acq: 13 Aug 2024 16:44

Tgt Ion: 65 Resp: 27794
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY019033.D

Acq: 13 Aug 2024 16:44

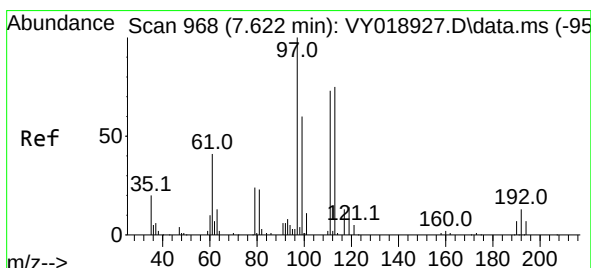
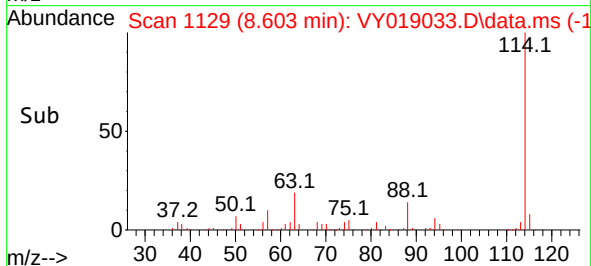
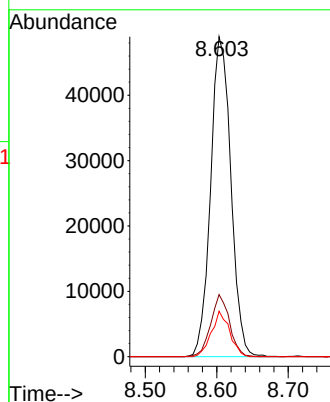
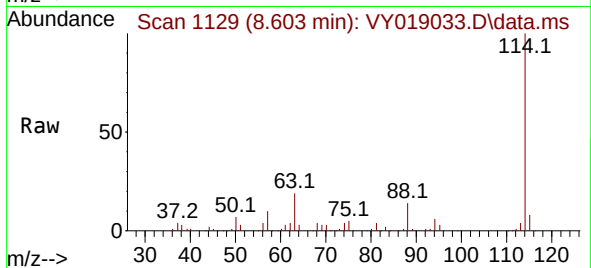
Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-02-080624

Tgt Ion:114	Resp:	96322
Ion Ratio	Lower	Upper
114	100	
63	19.4	0.0 35.0
88	14.2	0.0 27.2



#35

Dibromofluoromethane

Concen: 50.007 ug/l

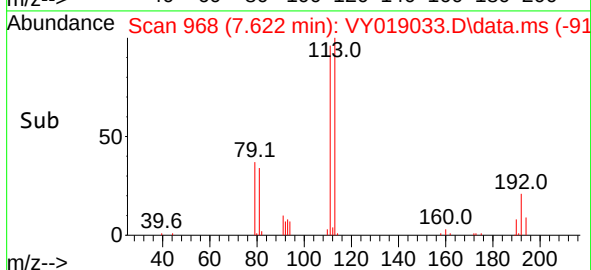
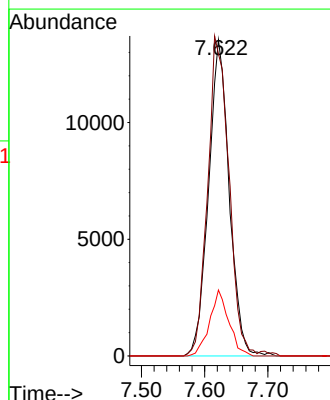
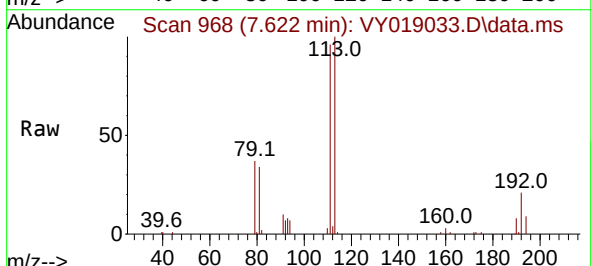
RT: 7.622 min Scan# 968

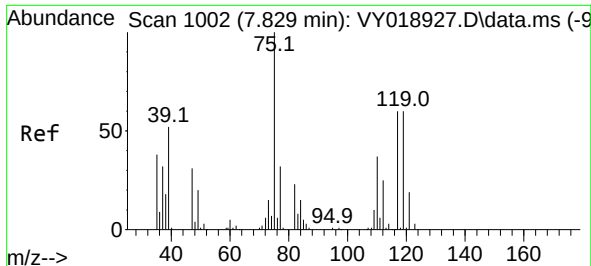
Delta R.T. -0.000 min

Lab File: VY019033.D

Acq: 13 Aug 2024 16:44

Tgt Ion:113	Resp:	30764
Ion Ratio	Lower	Upper
113	100	
111	103.4	82.2 123.4
192	19.4	15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.161 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY019033.D

Acq: 13 Aug 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-02-080624

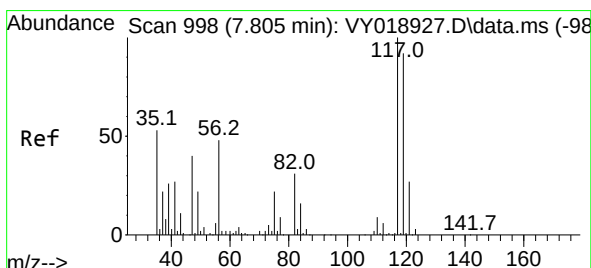
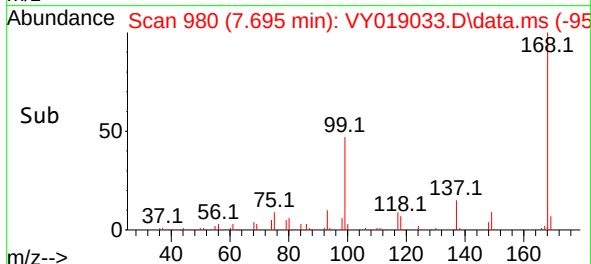
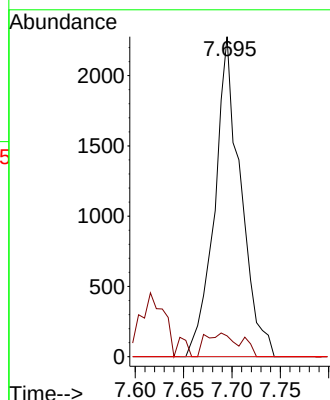
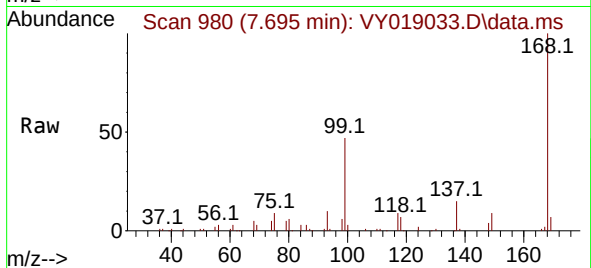
Tgt Ion: 75 Resp: 4262

Ion Ratio Lower Upper

75 100

110 9.9 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.220 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY019033.D

Acq: 13 Aug 2024 16:44

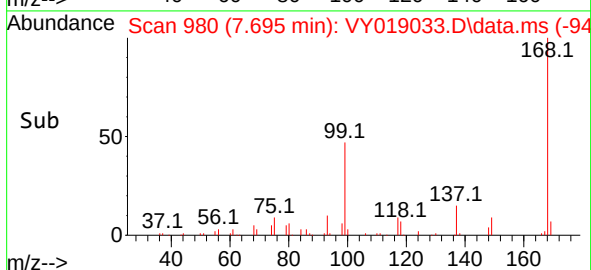
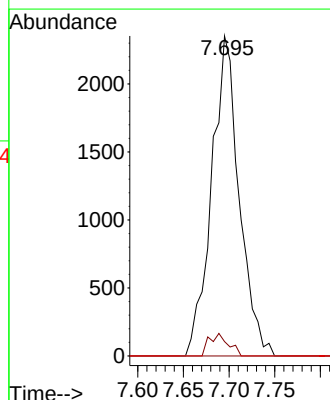
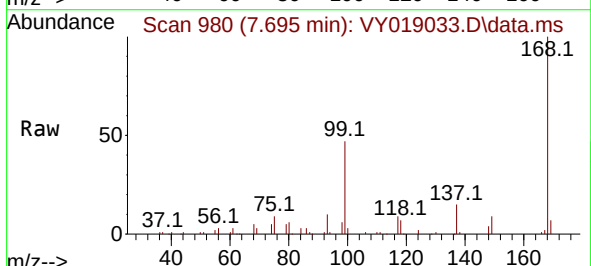
Tgt Ion: 117 Resp: 4943

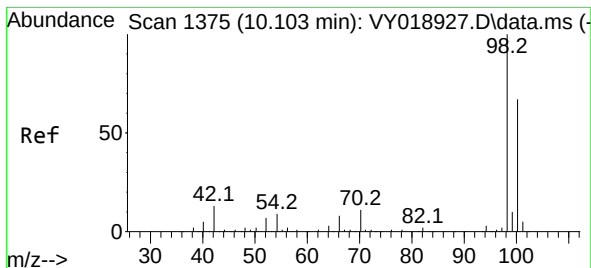
Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 48.836 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY019033.D

Acq: 13 Aug 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

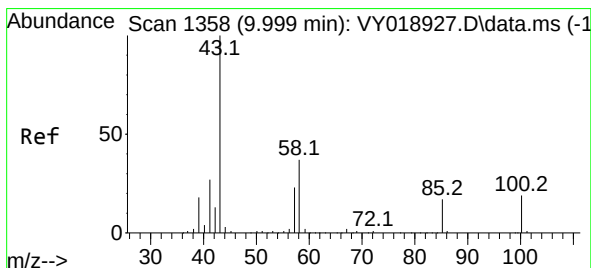
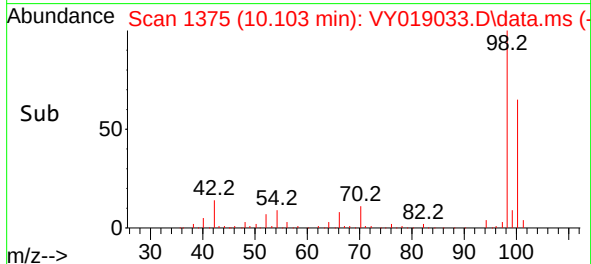
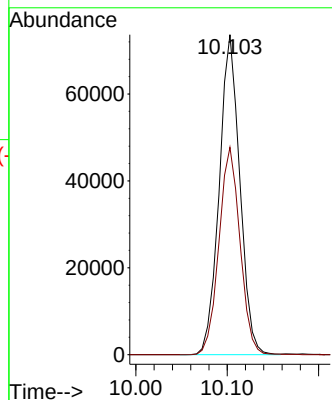
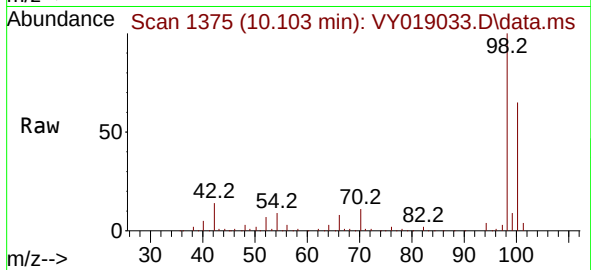
OU4-CF-02-080624

Tgt Ion: 98 Resp: 115399

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.894 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.104 min

Lab File: VY019033.D

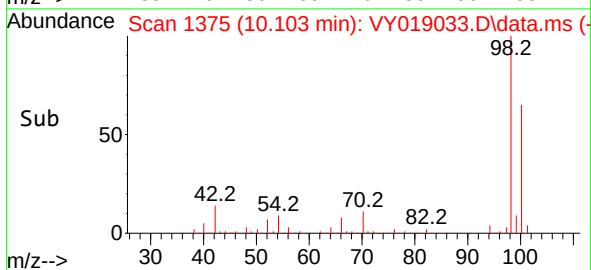
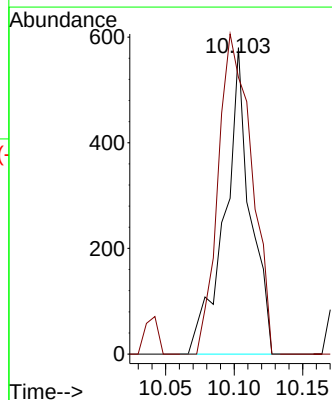
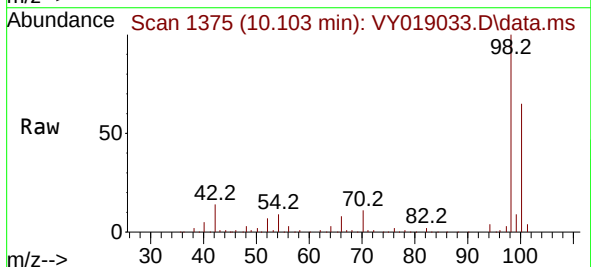
Acq: 13 Aug 2024 16:44

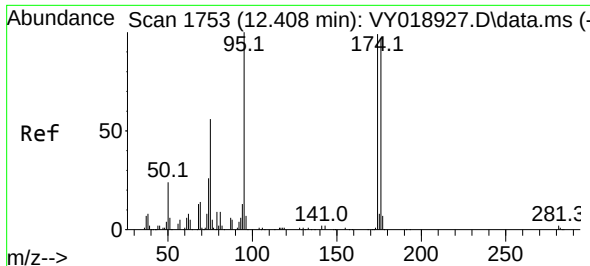
Tgt Ion: 43 Resp: 750

Ion Ratio Lower Upper

43 100

58 137.2 35.7 53.5#

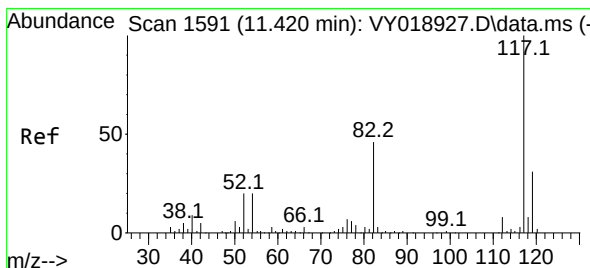
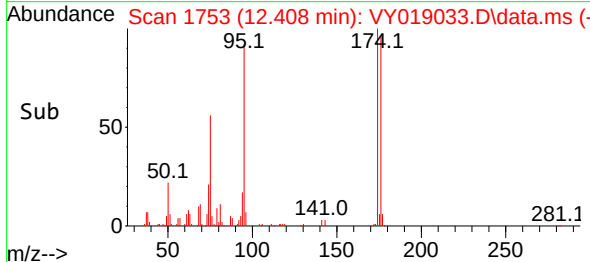
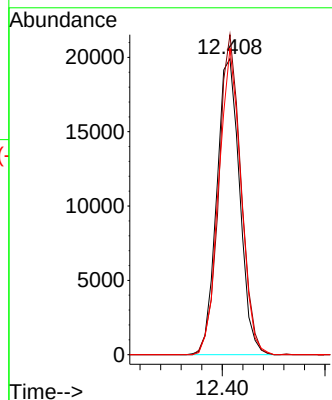
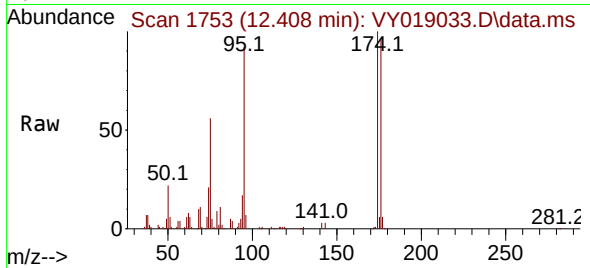




#62
4-Bromofluorobenzene
Concen: 43.841 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019033.D
Acq: 13 Aug 2024 16:44

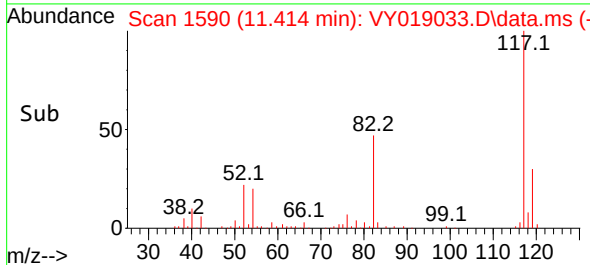
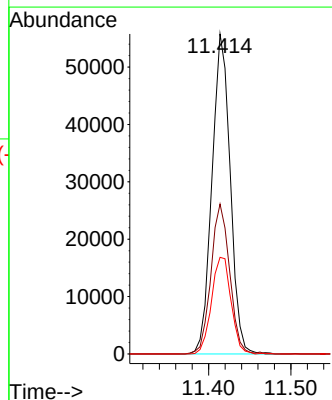
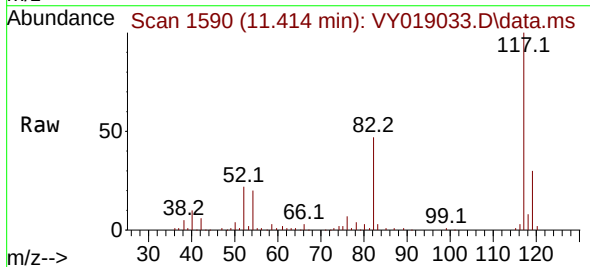
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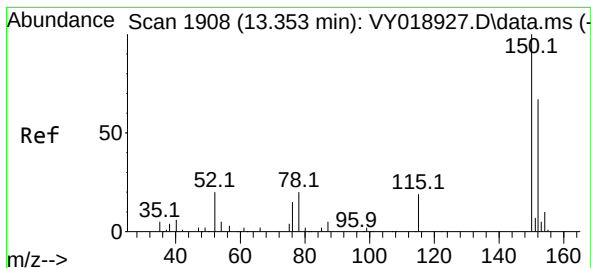
Tgt Ion: 95 Resp: 30735
Ion Ratio Lower Upper
95 100
174 104.4 0.0 175.6
176 100.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019033.D
Acq: 13 Aug 2024 16:44

Tgt Ion: 117 Resp: 86328
Ion Ratio Lower Upper
117 100
82 46.8 42.4 63.6
119 30.2 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: VY019033.D

Acq: 13 Aug 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-02-080624

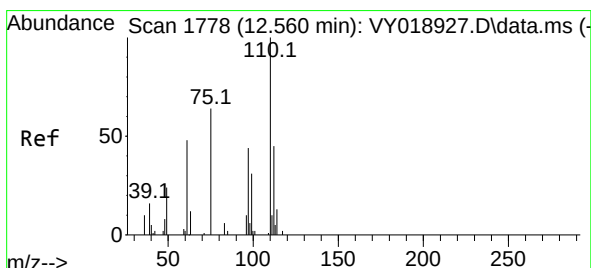
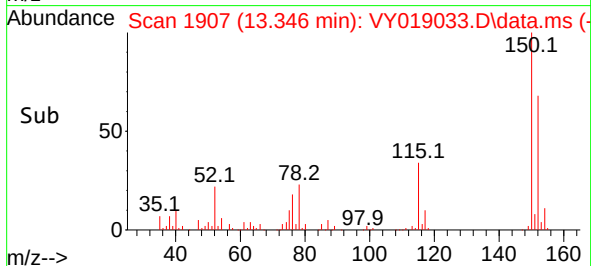
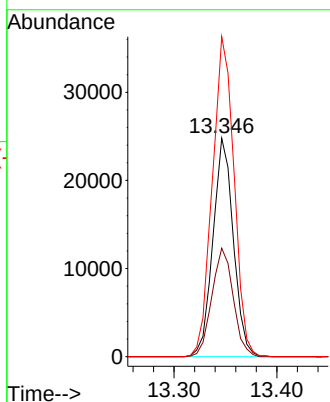
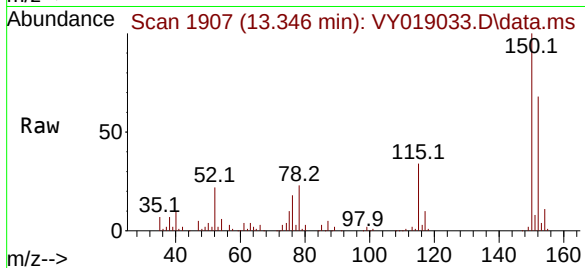
Tgt Ion:152 Resp: 34244

Ion Ratio Lower Upper

152 100

115 51.9 28.2 84.7

150 155.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 70.569 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019033.D

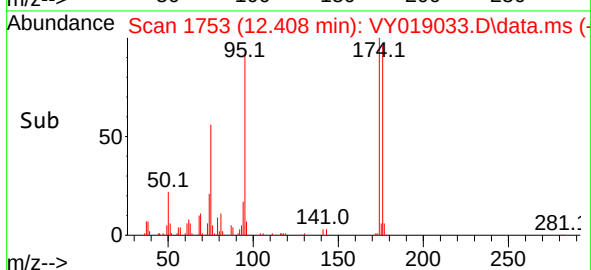
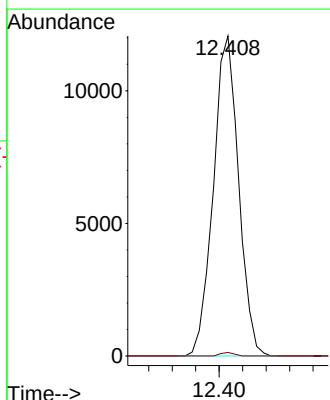
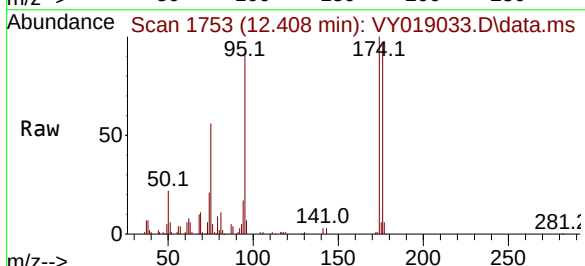
Acq: 13 Aug 2024 16:44

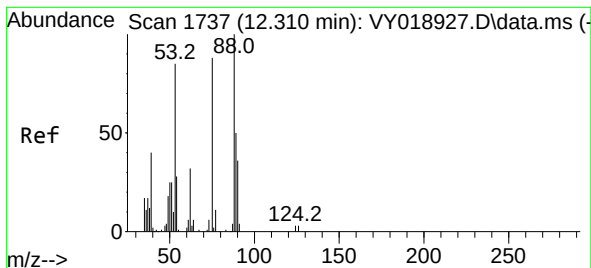
Tgt Ion: 75 Resp: 18003

Ion Ratio Lower Upper

75 100

77 0.6 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 145.414 ug/l

RT: 12.408 min Scan# 11

Delta R.T. 0.097 min

Lab File: VY019033.D

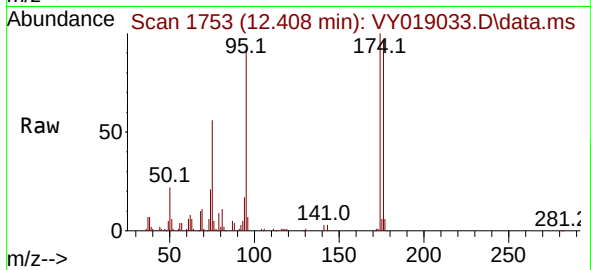
Acq: 13 Aug 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-02-080624



Tgt Ion: 75 Resp: 18003

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

