

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY018997.D
 Acq On : 12 Aug 2024 13:08
 Operator : SY/MD
 Sample : P3519-07
 Misc : 4.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-19-080724

Quant Time: Aug 13 01:13:46 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)

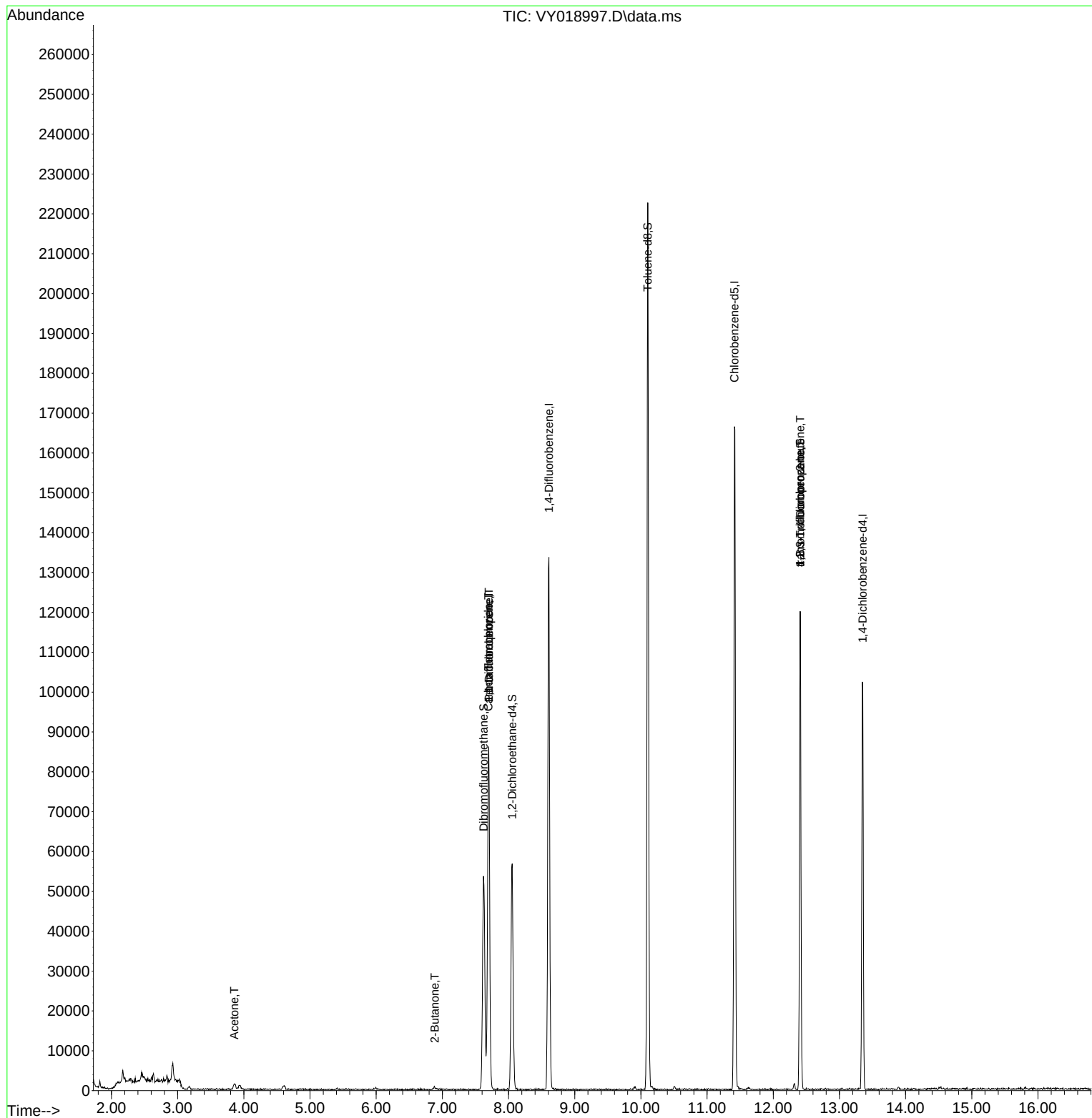
Internal Standards						
1) Pentafluorobenzene	7.701	168	68867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	113107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	84942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	24822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	35328	58.427	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.860%
35) Dibromofluoromethane	7.622	113	35149	48.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.320%
50) Toluene-d8	10.103	98	130439	47.009	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.020%
62) 4-Bromofluorobenzene	12.408	95	28884	35.087	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.180%
Target Compounds						
3) Chloromethane	2.068	50	56	Below Cal	#	43
13) Acrolein	3.421	56	68	Below Cal	#	15
16) Acetone	3.854	43	2486	27.666	ug/l #	62
20) Methylene Chloride	4.610	84	760	Below Cal	#	55
25) 2-Butanone	6.884	43	1109	5.665	ug/l #	67
31) Cyclohexane	7.701	56	1725	Below Cal	#	53
36) 1,1-Dichloropropene	7.701	75	4968	5.123	ug/l #	44
38) Carbon Tetrachloride	7.695	117	6405	5.761	ug/l #	16
41) Methacrylonitrile	7.274	41	20	Below Cal	#	15
76) 1,2,3-Trichloropropane	12.408	75	17199	93.008	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	17199	191.651	ug/l #	16

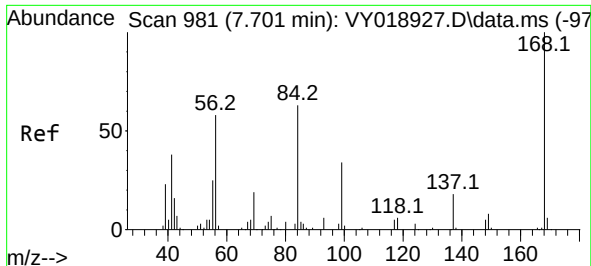
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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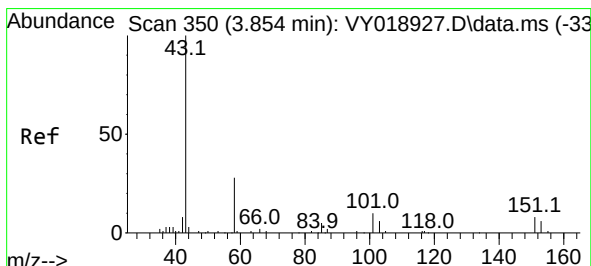
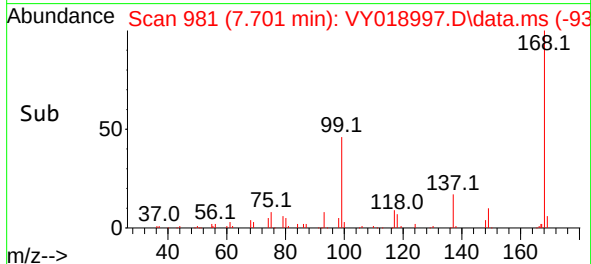
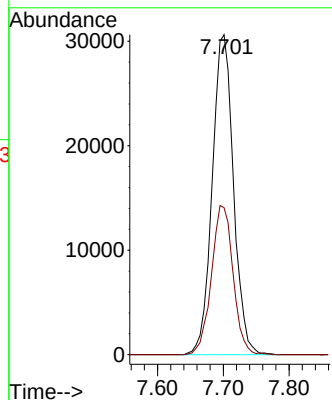
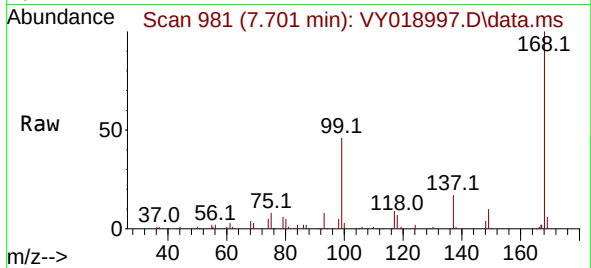




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018997.D
Acq: 12 Aug 2024 13:08

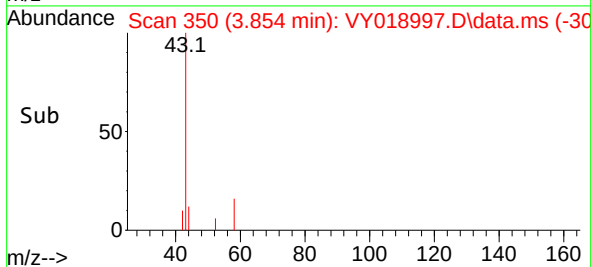
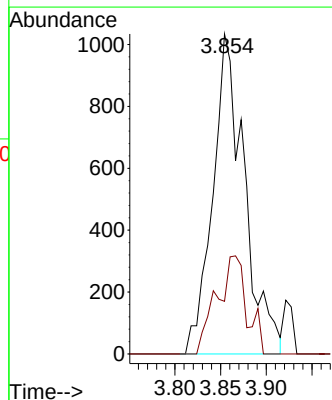
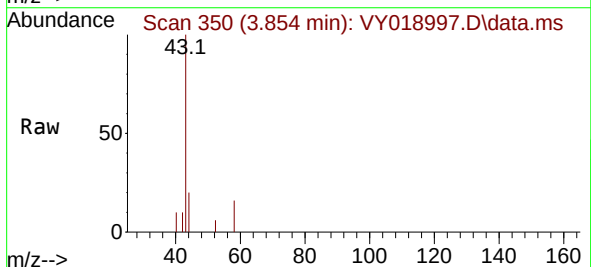
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-19-080724

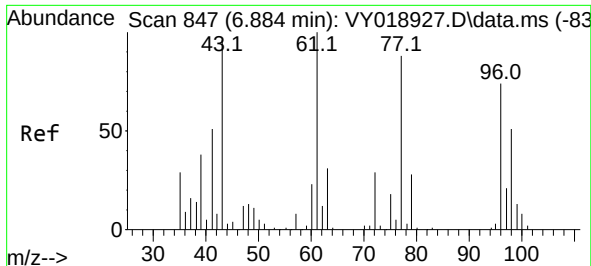
Tgt Ion:168 Resp: 68867
Ion Ratio Lower Upper
168 100
99 45.9 39.1 58.7



#16
Acetone
Concen: 27.666 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY018997.D
Acq: 12 Aug 2024 13:08

Tgt Ion: 43 Resp: 2486
Ion Ratio Lower Upper
43 100
58 16.4 31.7 47.5#





#25

2-Butanone

Concen: 5.665 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY018997.D

Acq: 12 Aug 2024 13:08

Instrument :

MSVOA_Y

ClientSampleId :

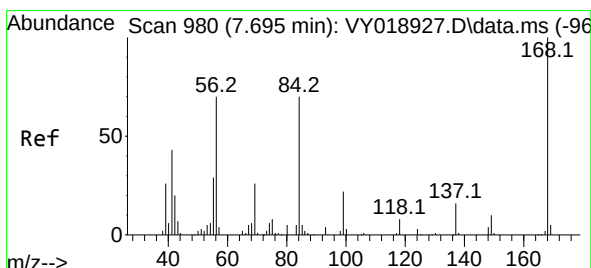
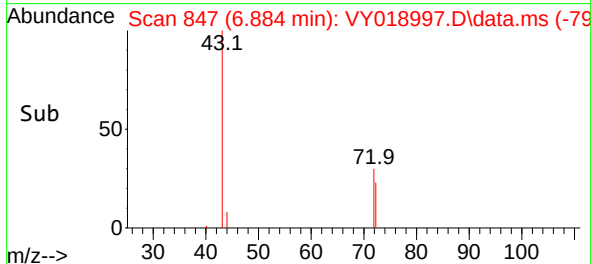
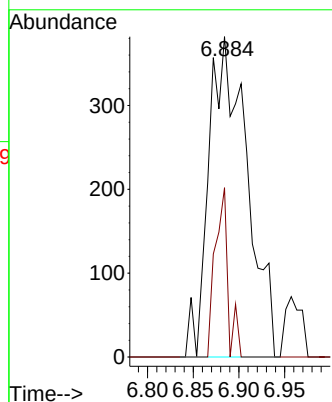
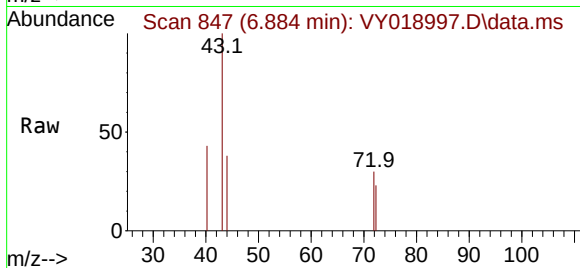
OU4-TS-19-080724

Tgt Ion: 43 Resp: 1109

Ion Ratio Lower Upper

43 100

72 52.9 27.3 40.9#



#31

Cyclohexane

Concen: Below Cal

RT: 7.701 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY018997.D

Acq: 12 Aug 2024 13:08

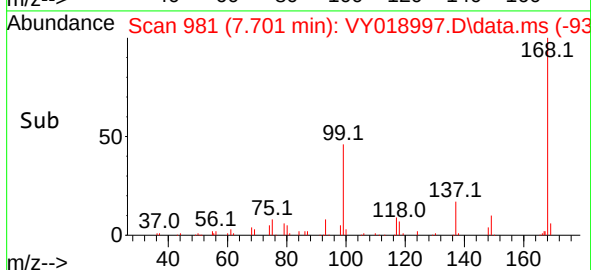
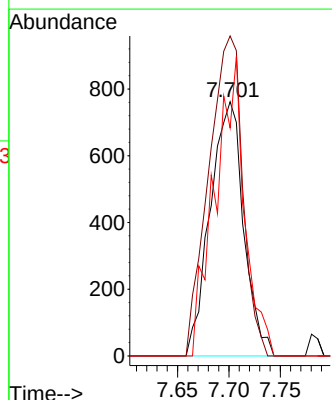
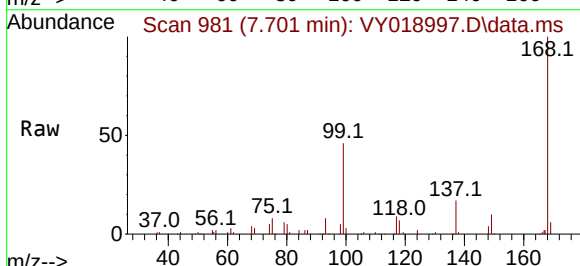
Tgt Ion: 56 Resp: 1725

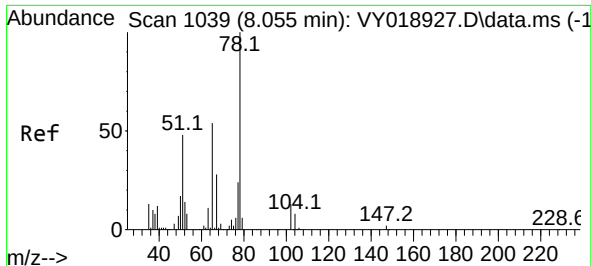
Ion Ratio Lower Upper

56 100

69 125.9 28.7 43.1#

84 89.6 77.7 116.5

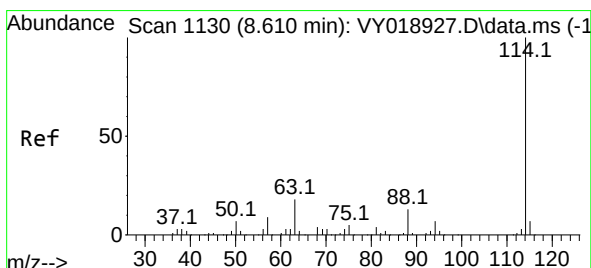
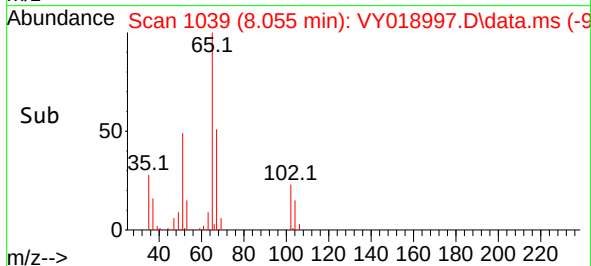
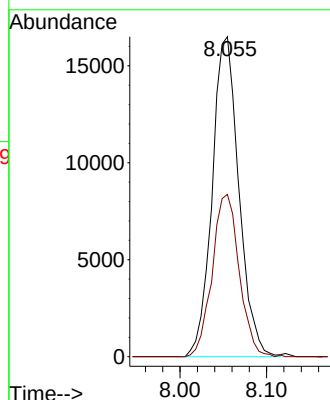
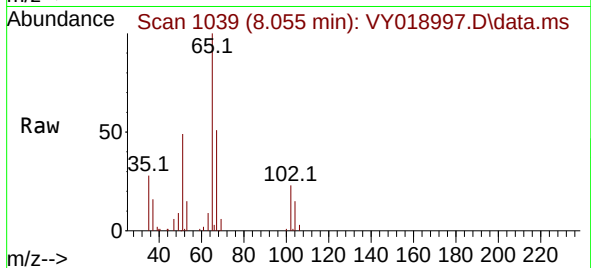




#33
 1,2-Dichloroethane-d4
 Concen: 58.427 ug/l
 RT: 8.055 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: VY018997.D
 Acq: 12 Aug 2024 13:08

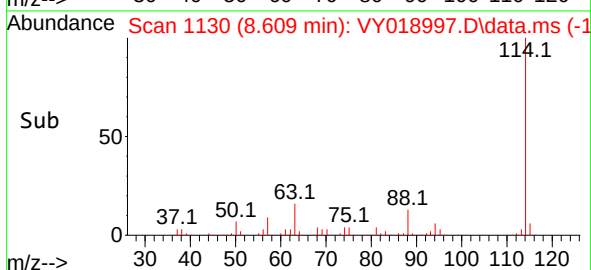
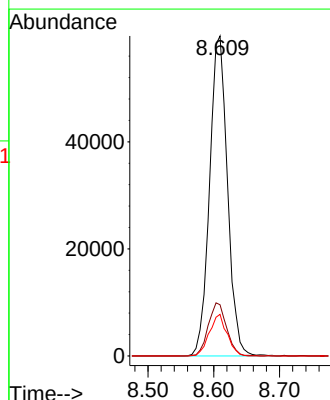
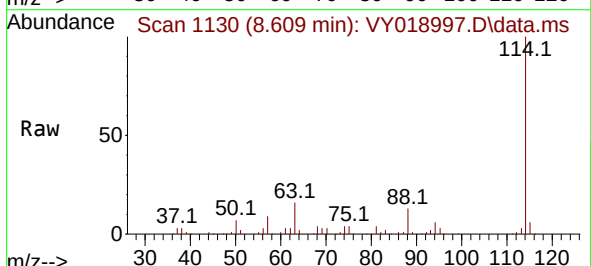
Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-19-080724

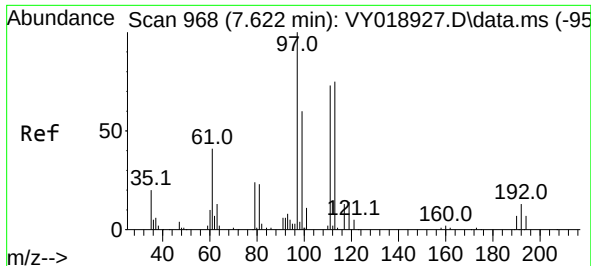
Tgt Ion: 65 Resp: 35328
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VY018997.D
 Acq: 12 Aug 2024 13:08

Tgt Ion: 114 Resp: 113107
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 35.0
 88 13.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 48.656 ug/l

RT: 7.622 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY018997.D

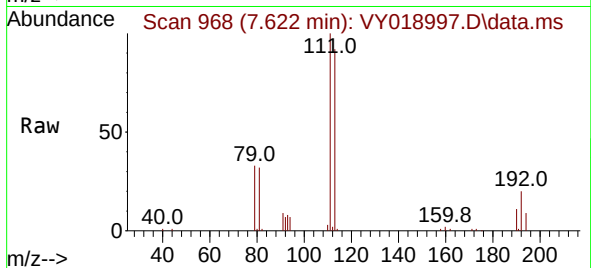
Acq: 12 Aug 2024 13:08

Instrument :

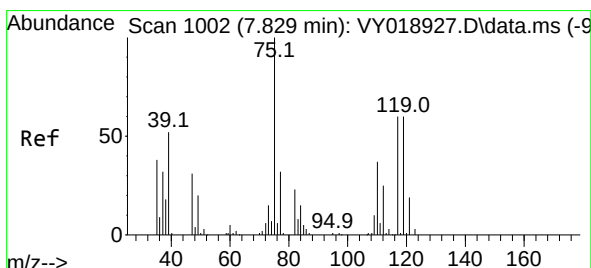
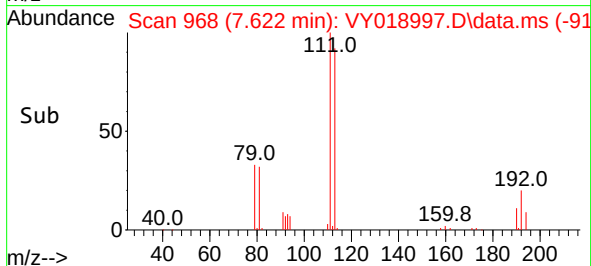
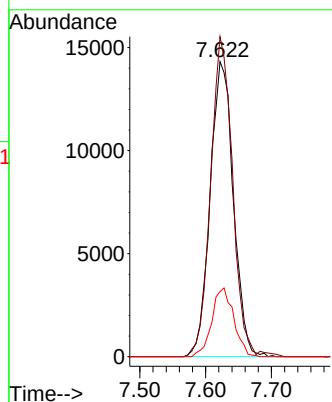
MSVOA_Y

ClientSampleId :

OU4-TS-19-080724



Tgt Ion:	113	Resp:	35149
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	22.0	15.9	23.9



#36

1,1-Dichloropropene

Concen: 5.123 ug/l

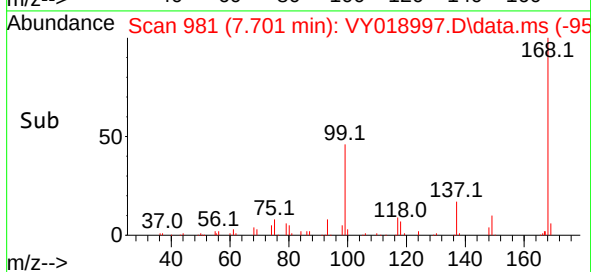
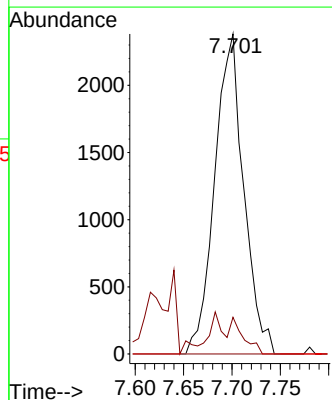
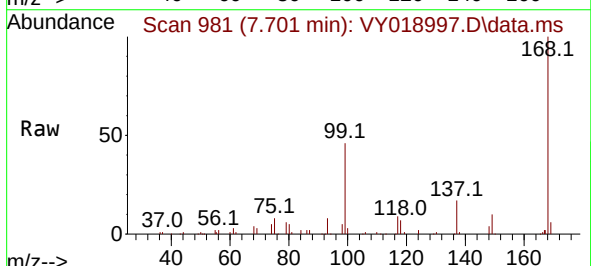
RT: 7.701 min Scan# 981

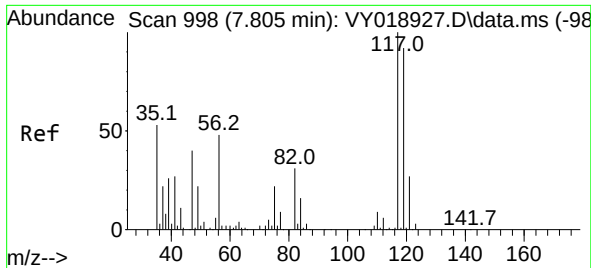
Delta R.T. -0.128 min

Lab File: VY018997.D

Acq: 12 Aug 2024 13:08

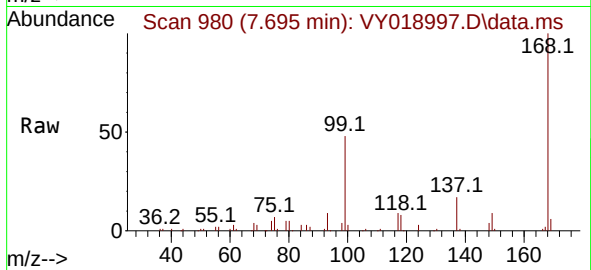
Tgt Ion:	75	Resp:	4968
Ion	Ratio	Lower	Upper
75	100		
110	5.2	19.0	57.0#
77	0.0	25.3	37.9#



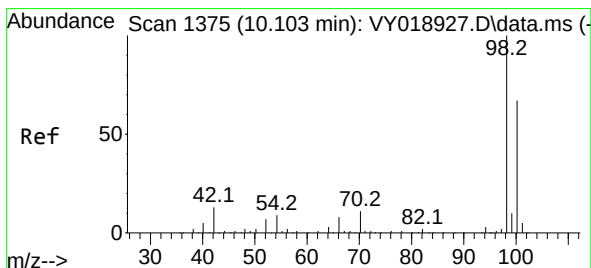
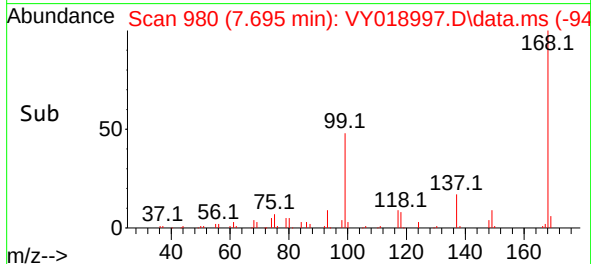
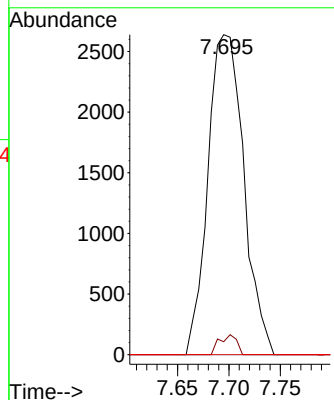


#38
Carbon Tetrachloride
Concen: 5.761 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018997.D
Acq: 12 Aug 2024 13:08

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-19-080724

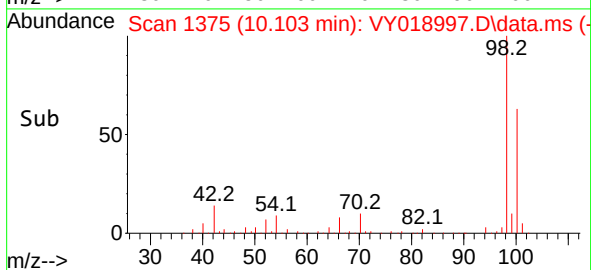
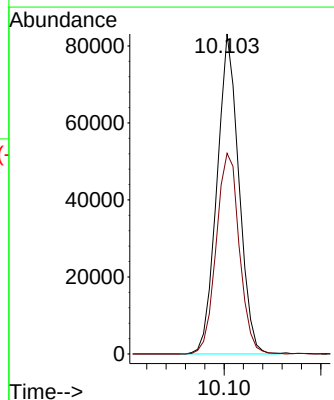
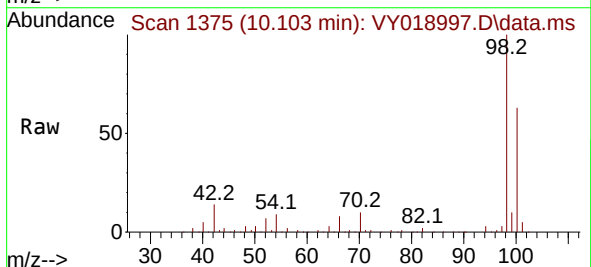


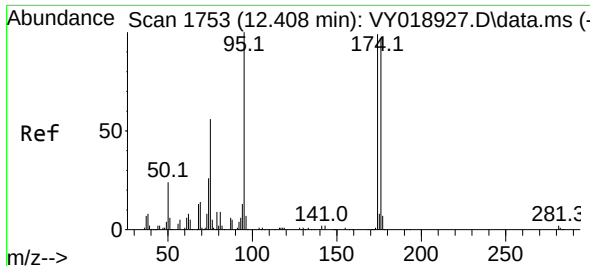
Tgt Ion:117 Resp: 6405
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.009 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY018997.D
Acq: 12 Aug 2024 13:08

Tgt Ion: 98 Resp: 130439
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0

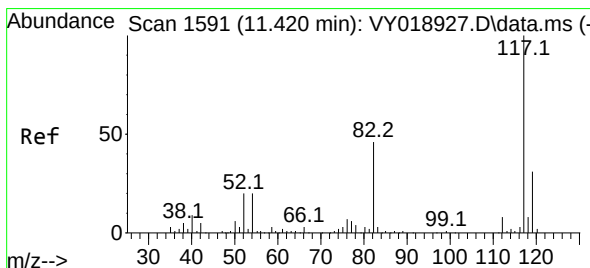
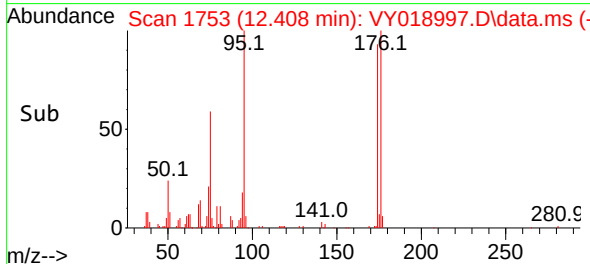
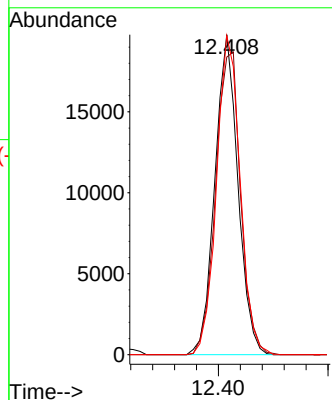
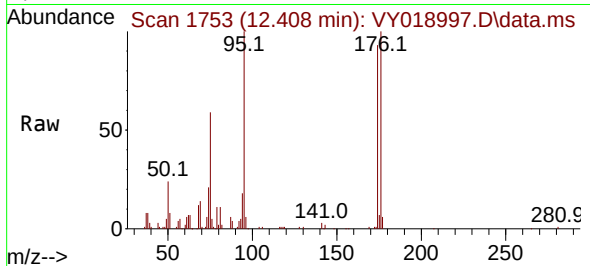




#62
4-Bromofluorobenzene
Concen: 35.087 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018997.D
Acq: 12 Aug 2024 13:08

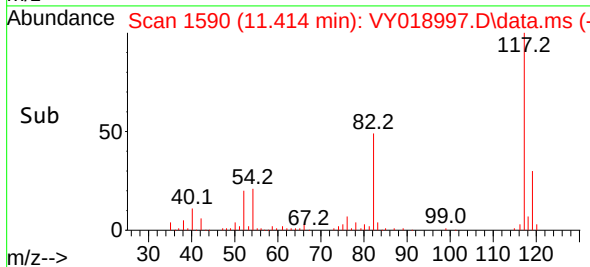
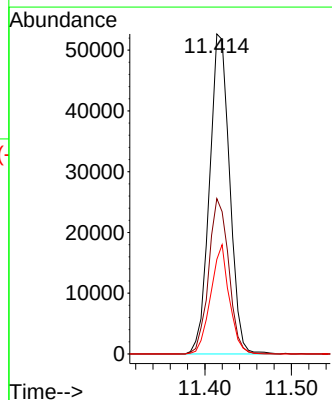
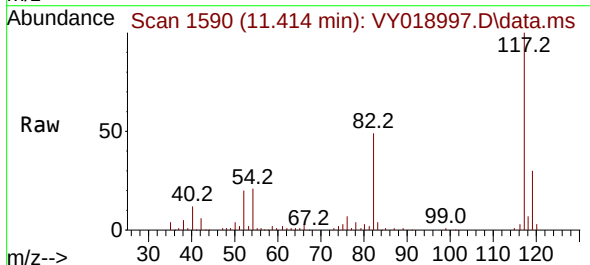
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-19-080724

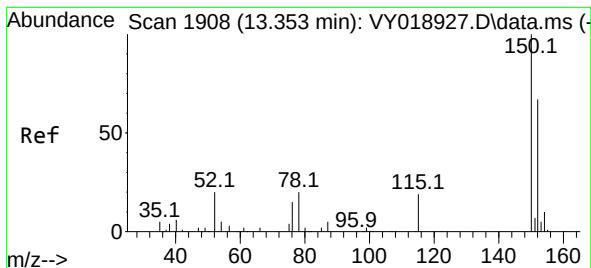
Tgt Ion:	95	Resp:	28884
Ion Ratio	Lower	Upper	
95	100		
174	102.6	0.0	175.6
176	101.7	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY018997.D
Acq: 12 Aug 2024 13:08

Tgt Ion:	117	Resp:	84942
Ion Ratio	Lower	Upper	
117	100		
82	48.5	42.4	63.6
119	29.6	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY018997.D

Acq: 12 Aug 2024 13:08

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-19-080724

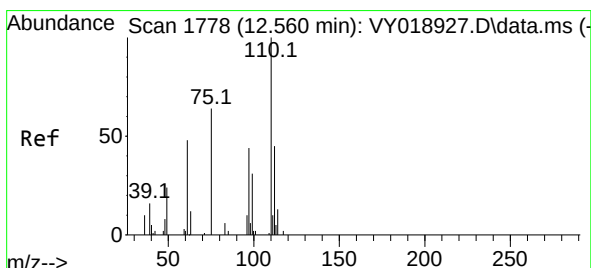
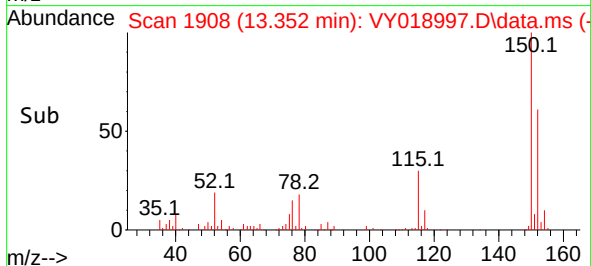
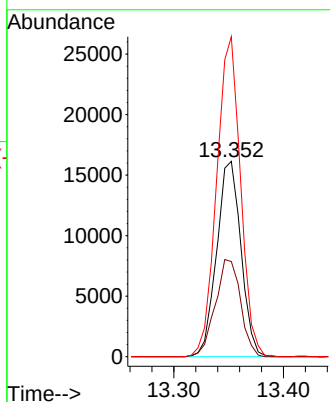
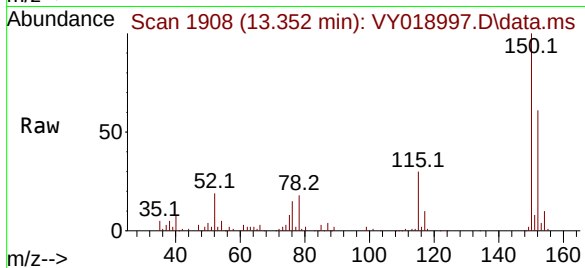
Tgt Ion:152 Resp: 24822

Ion Ratio Lower Upper

152 100

115 51.7 28.2 84.7

150 160.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 93.008 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY018997.D

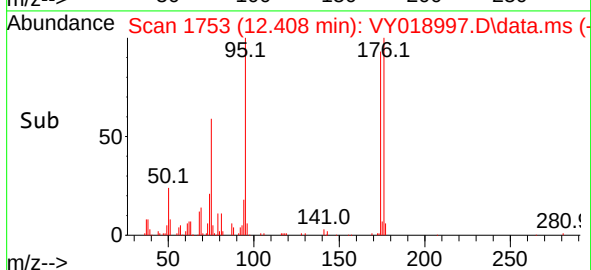
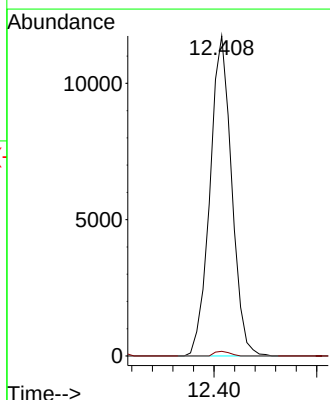
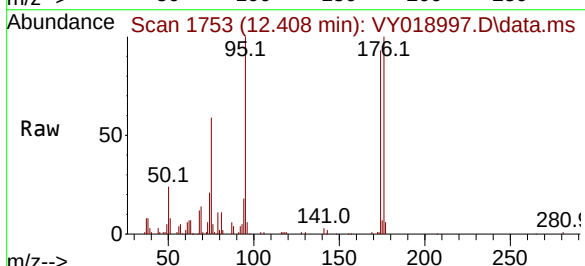
Acq: 12 Aug 2024 13:08

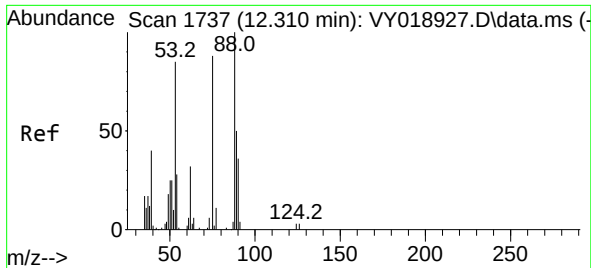
Tgt Ion: 75 Resp: 17199

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 191.651 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY018997.D
 Acq: 12 Aug 2024 13:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-19-080724

Tgt Ion: 75 Resp: 17199
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

