

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY019003.D
 Acq On : 12 Aug 2024 15:34
 Operator : SY/MD
 Sample : P3519-19
 Misc : 5.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 13 01:16:02 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)

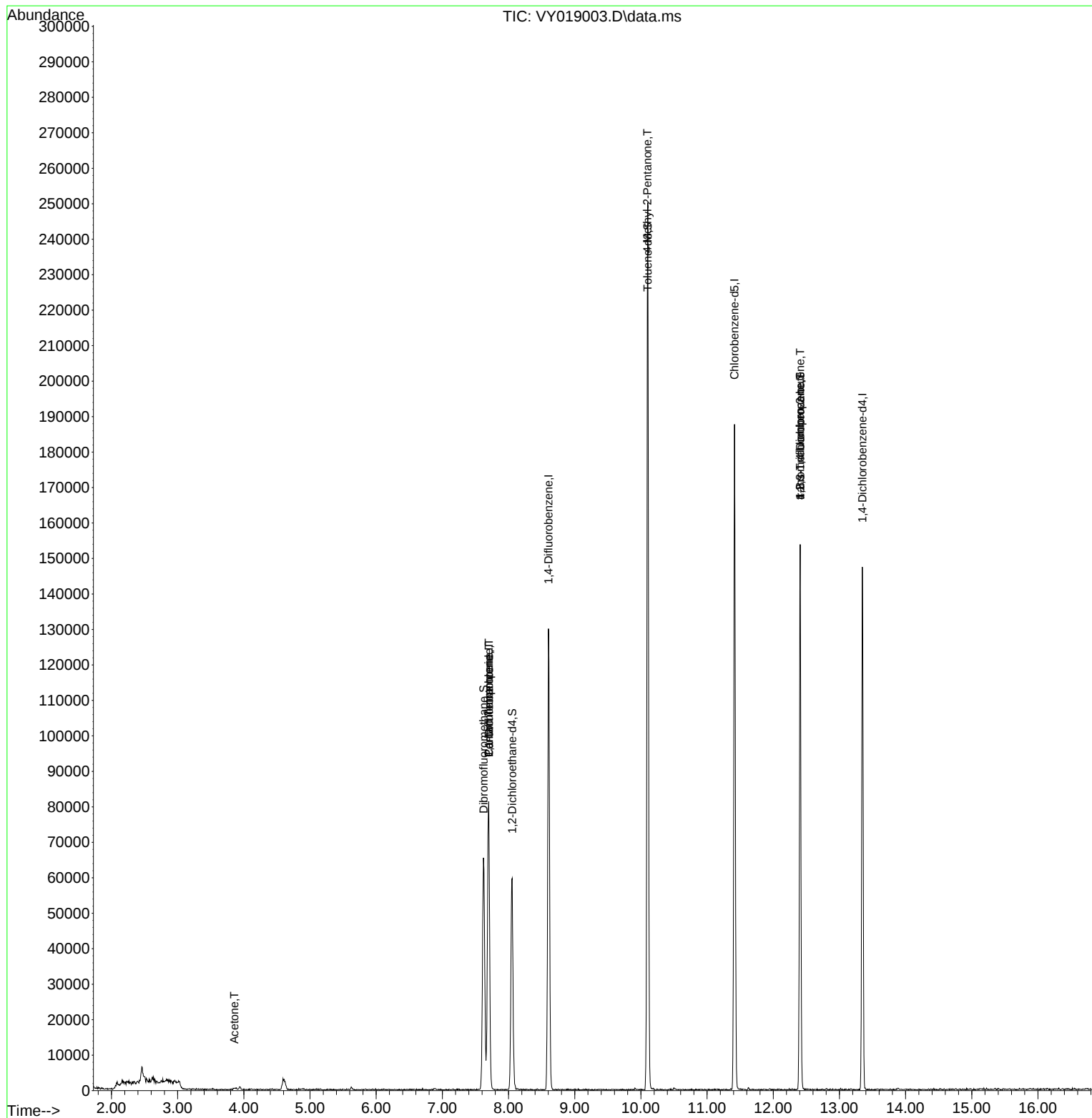
Internal Standards						
1) Pentafluorobenzene	7.701	168	66118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	108650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	92107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	33306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	36941	63.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.280%	
35) Dibromofluoromethane	7.622	113	41720	60.121	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.240%	
50) Toluene-d8	10.103	98	148481	55.706	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.420%	
62) 4-Bromofluorobenzene	12.407	95	36682	46.387	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.062	50	71	Below Cal	#	43
11) Tert butyl alcohol	4.848	59	173	Below Cal	#	88
16) Acetone	3.854	43	851	17.913	ug/l #	36
20) Methylene Chloride	4.610	84	2242	Below Cal		93
31) Cyclohexane	7.695	56	1689	Below Cal	#	56
36) 1,1-Dichloropropene	7.701	75	4499	4.830	ug/l #	52
38) Carbon Tetrachloride	7.701	117	6450	6.039	ug/l #	18
41) Methacrylonitrile	7.280	41	20	Below Cal	#	15
51) 4-Methyl-2-Pentanone	10.097	43	855	1.915	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	21770	87.738	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	21770	180.793	ug/l #	16

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

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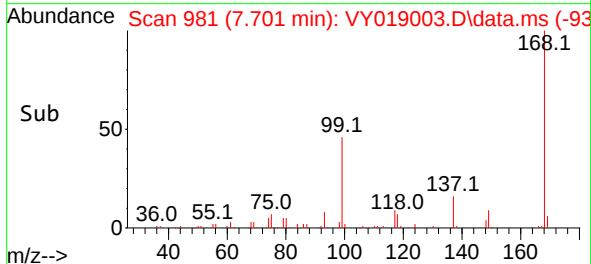
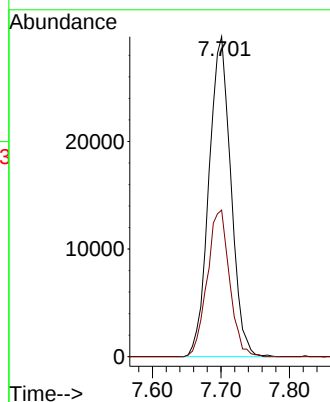
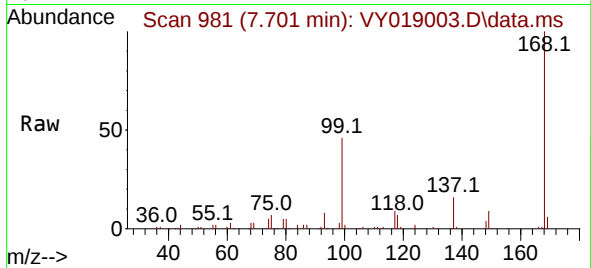




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019003.D
Acq: 12 Aug 2024 15:34

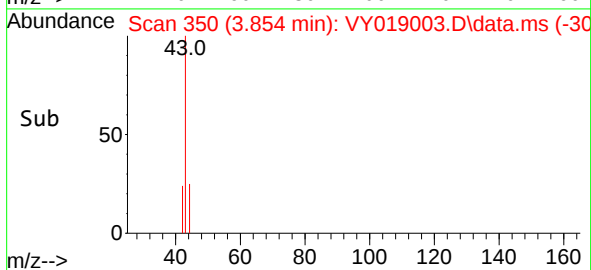
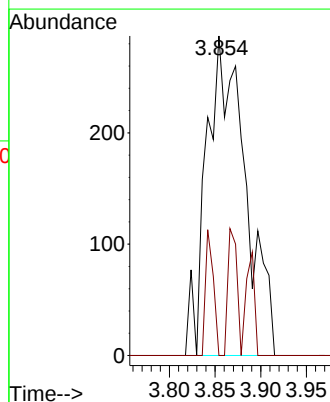
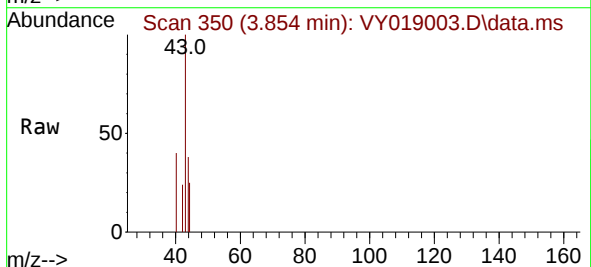
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-02-080624

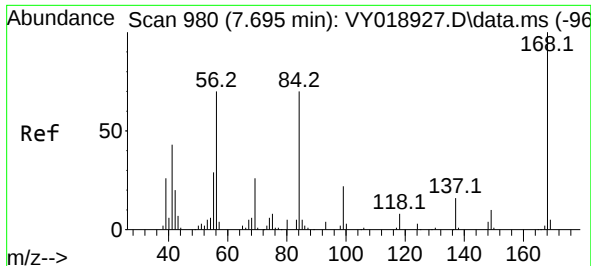
Tgt Ion:168 Resp: 66118
Ion Ratio Lower Upper
168 100
99 45.8 39.1 58.7



#16
Acetone
Concen: 17.913 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY019003.D
Acq: 12 Aug 2024 15:34

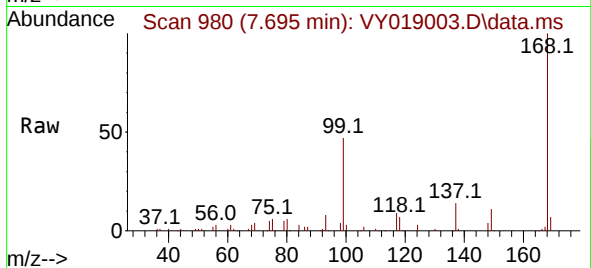
Tgt Ion: 43 Resp: 851
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



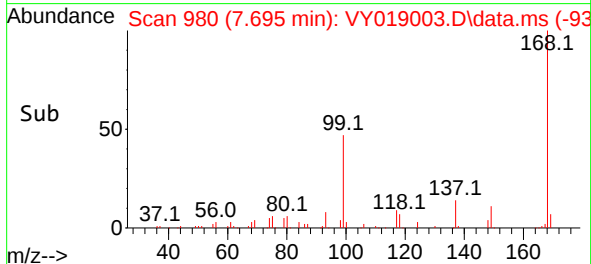
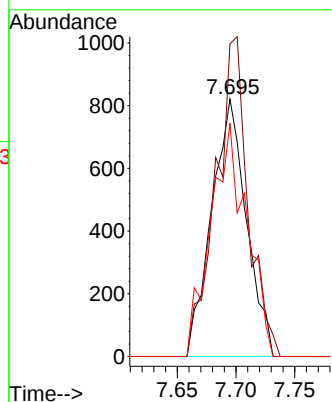


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019003.D
Acq: 12 Aug 2024 15:34

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

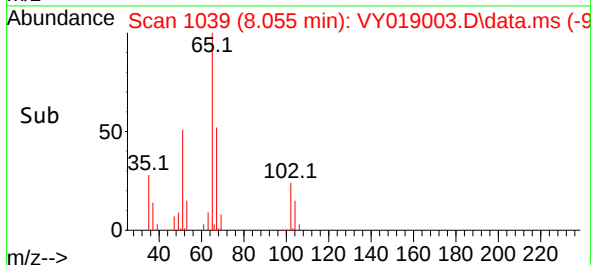
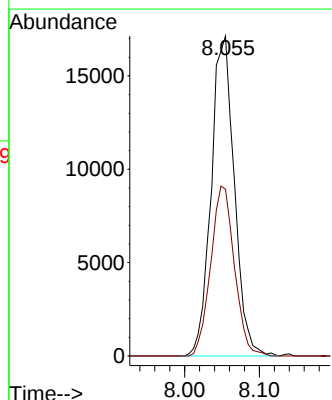
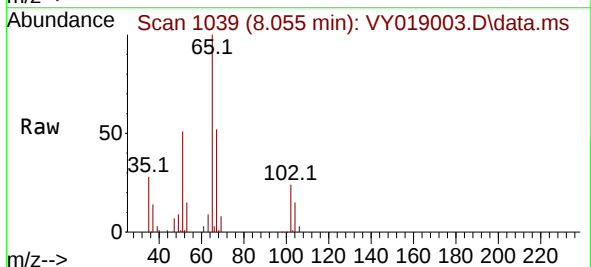


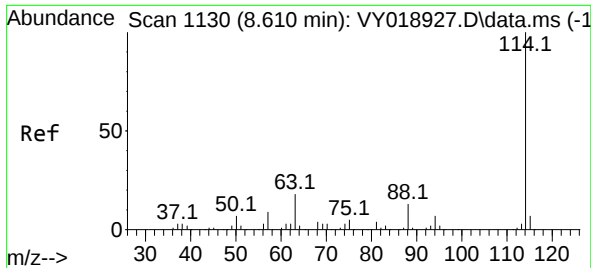
Tgt Ion: 56 Resp: 1689
Ion Ratio Lower Upper
56 100
69 121.4 28.7 43.1#
84 90.6 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 63.635 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019003.D
Acq: 12 Aug 2024 15:34

Tgt Ion: 65 Resp: 36941
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6

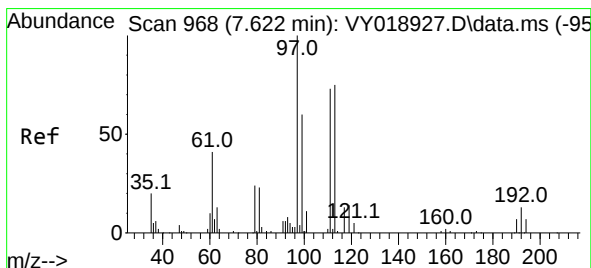
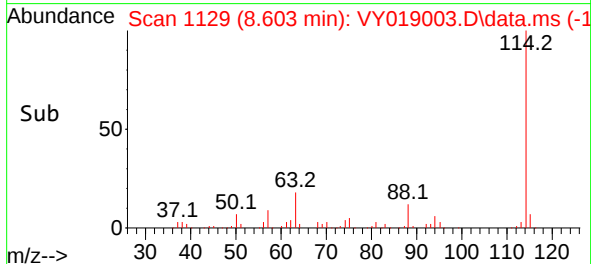
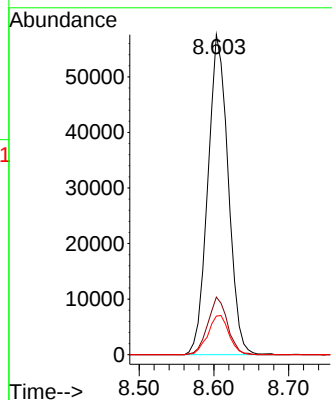
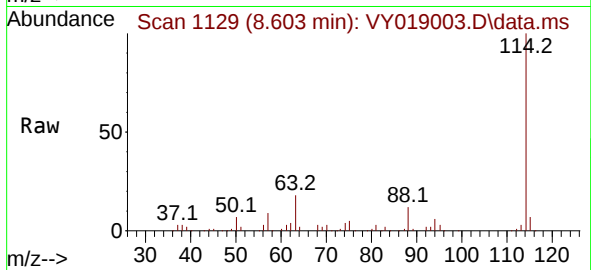




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VY019003.D
Acq: 12 Aug 2024 15:34

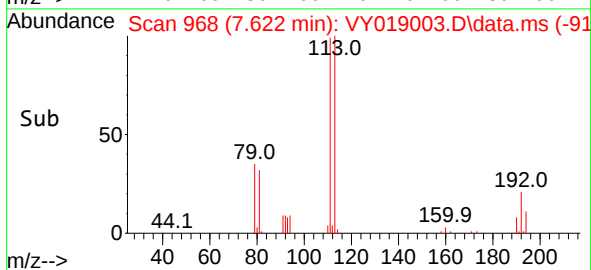
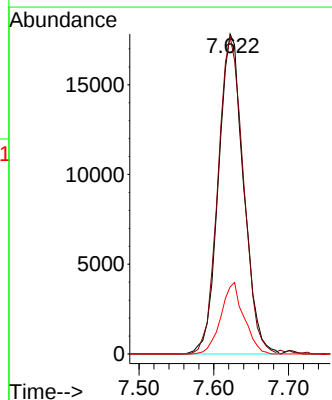
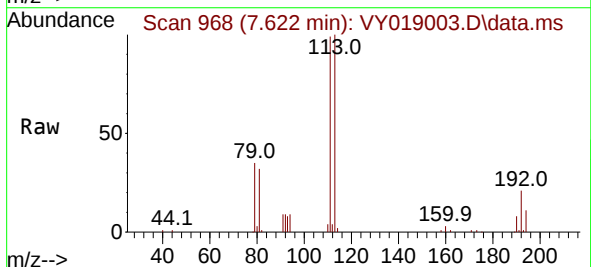
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-02-080624

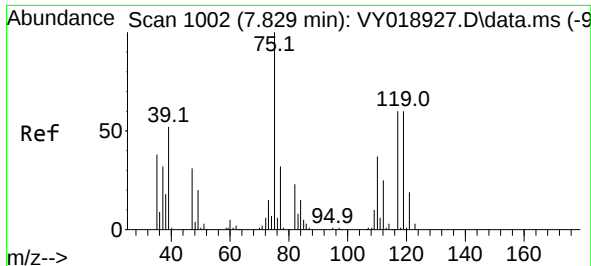
Tgt Ion:114 Resp: 108650
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.0
88 12.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 60.121 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY019003.D
Acq: 12 Aug 2024 15:34

Tgt Ion:113 Resp: 41720
Ion Ratio Lower Upper
113 100
111 100.4 82.2 123.4
192 20.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.830 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY019003.D

Acq: 12 Aug 2024 15:34

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-02-080624

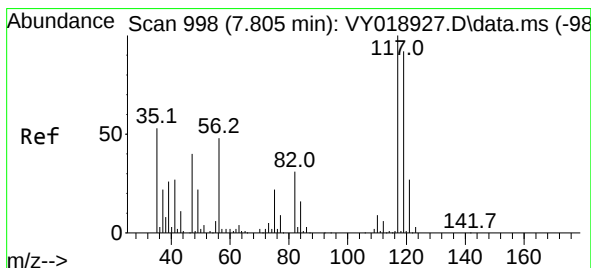
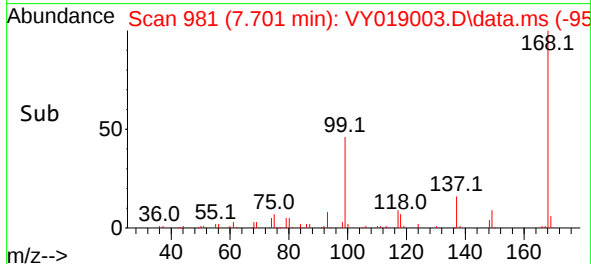
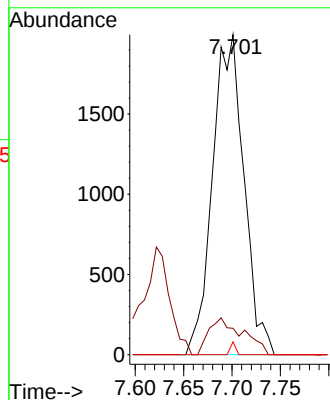
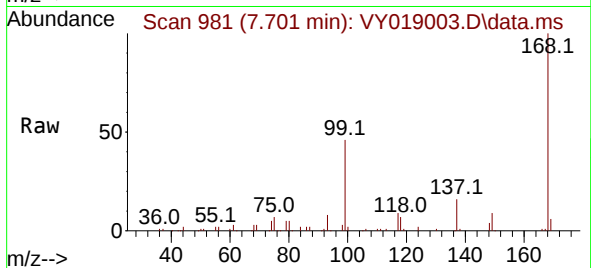
Tgt Ion: 75 Resp: 4499

Ion Ratio Lower Upper

75 100

110 12.5 19.0 57.0#

77 0.6 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.039 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY019003.D

Acq: 12 Aug 2024 15:34

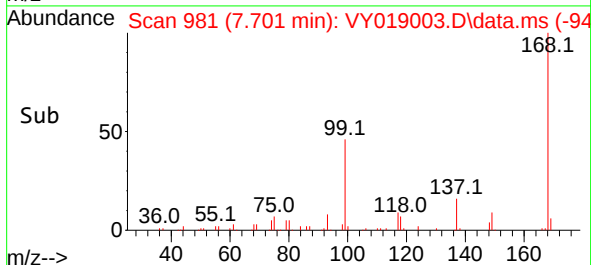
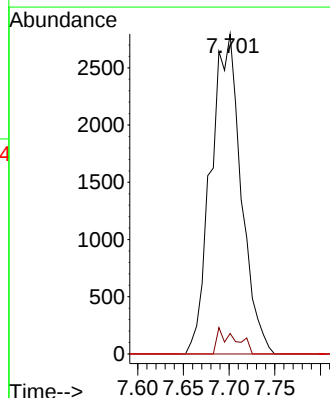
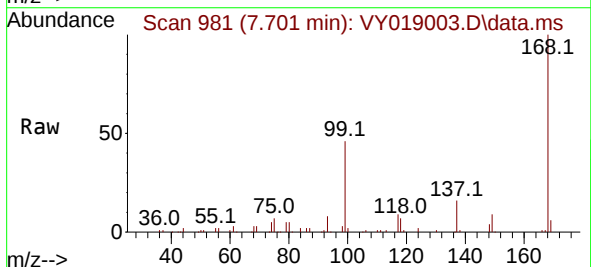
Tgt Ion: 117 Resp: 6450

Ion Ratio Lower Upper

117 100

119 6.4 75.8 113.6#

121 0.0 24.0 36.0#

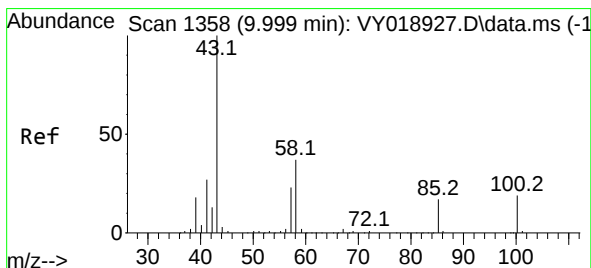
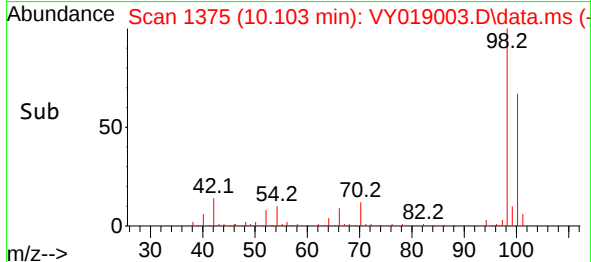
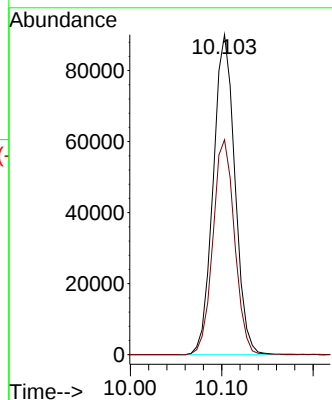
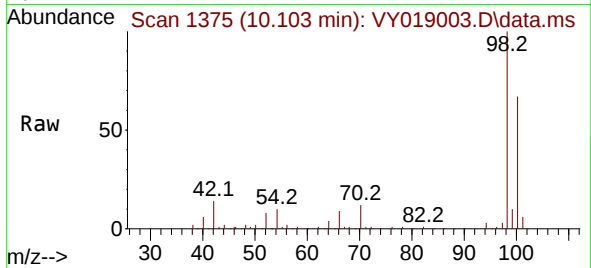




#50
Toluene-d8
Concen: 55.706 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019003.D
Acq: 12 Aug 2024 15:34

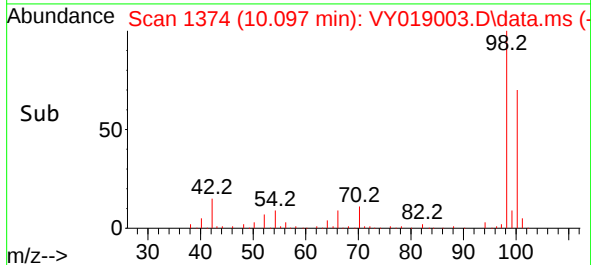
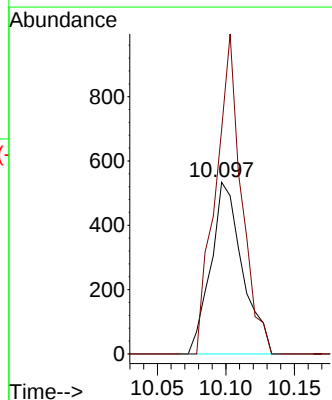
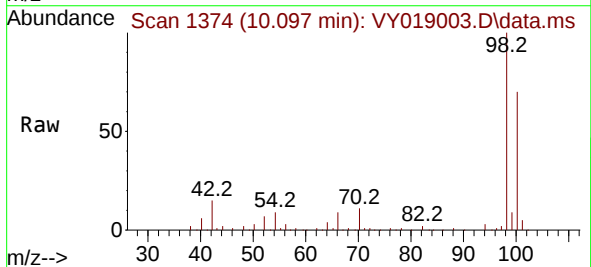
Instrument :
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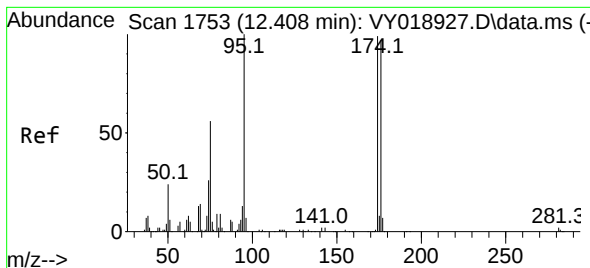
Tgt Ion: 98 Resp: 148481
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.915 ug/l
RT: 10.097 min Scan# 1374
Delta R.T. 0.097 min
Lab File: VY019003.D
Acq: 12 Aug 2024 15:34

Tgt Ion: 43 Resp: 855
Ion Ratio Lower Upper
43 100
58 152.9 35.7 53.5#

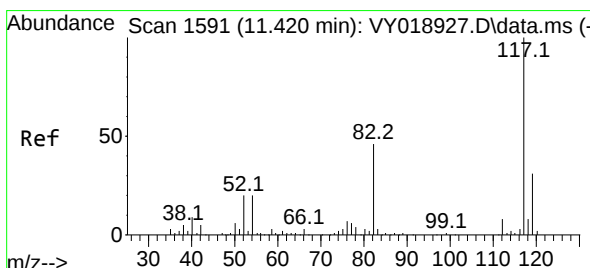
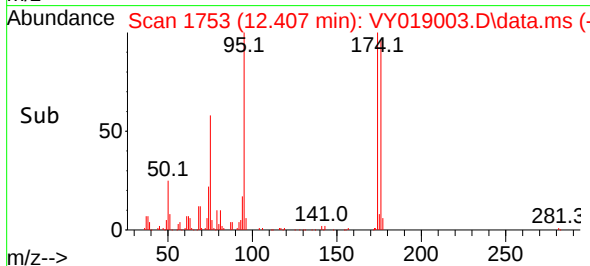
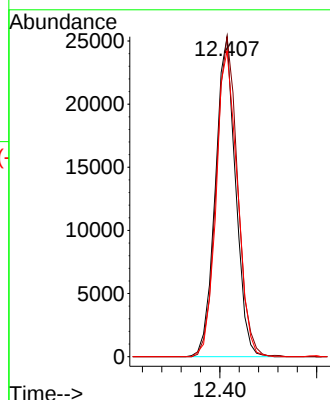
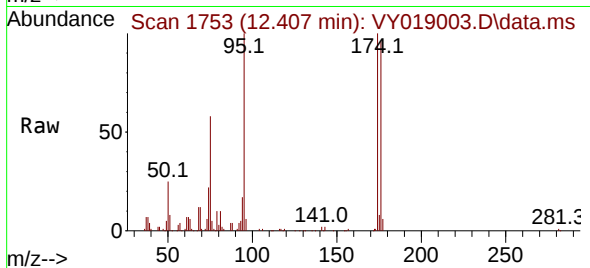




#62
4-Bromofluorobenzene
Concen: 46.387 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019003.D
Acq: 12 Aug 2024 15:34

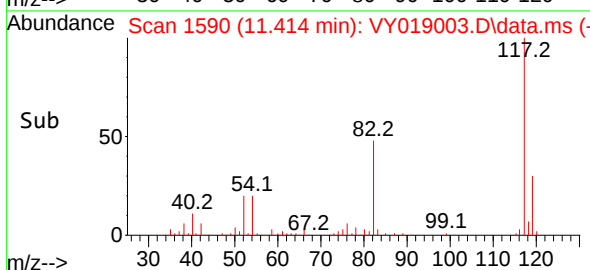
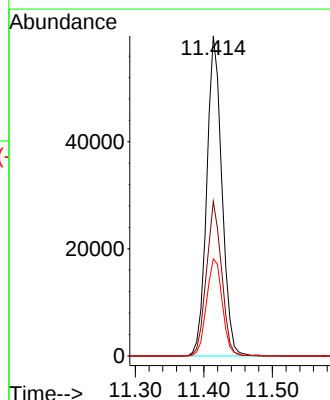
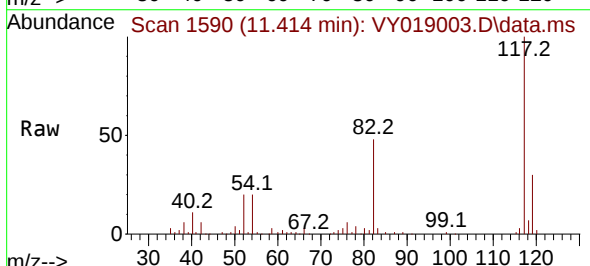
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Tgt Ion: 95 Resp: 36682
Ion Ratio Lower Upper
95 100
174 105.7 0.0 175.6
176 100.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019003.D
Acq: 12 Aug 2024 15:34

Tgt Ion: 117 Resp: 92107
Ion Ratio Lower Upper
117 100
82 48.3 42.4 63.6
119 30.4 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: VY019003.D

Acq: 12 Aug 2024 15:34

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-02-080624

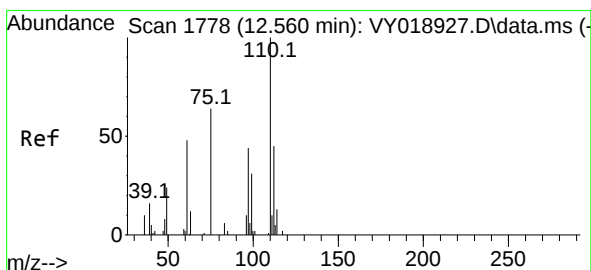
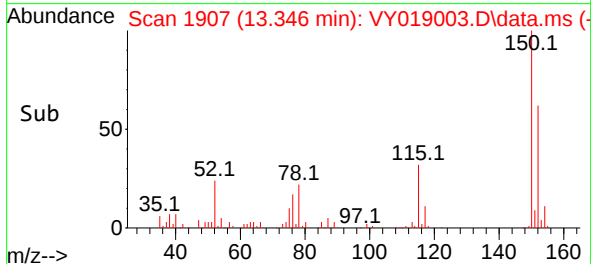
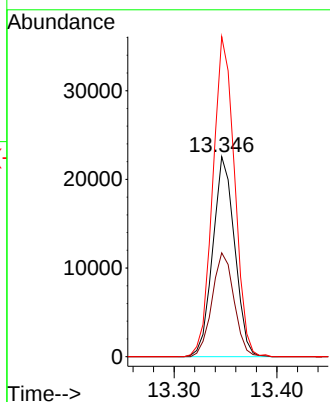
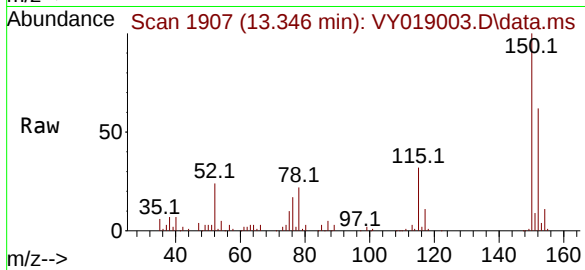
Tgt Ion:152 Resp: 33306

Ion Ratio Lower Upper

152 100

115 52.2 28.2 84.7

150 159.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 87.738 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.153 min

Lab File: VY019003.D

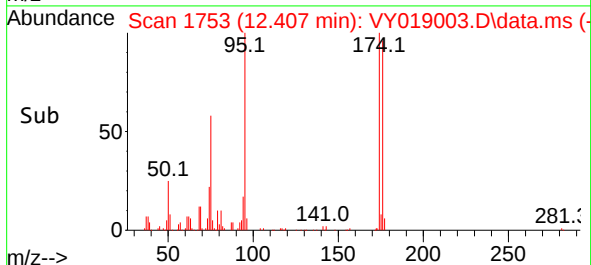
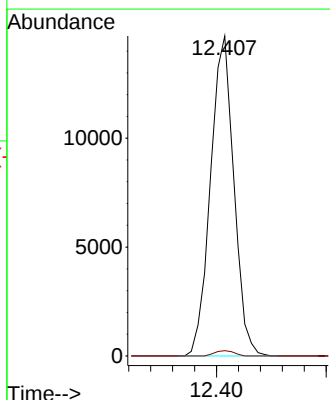
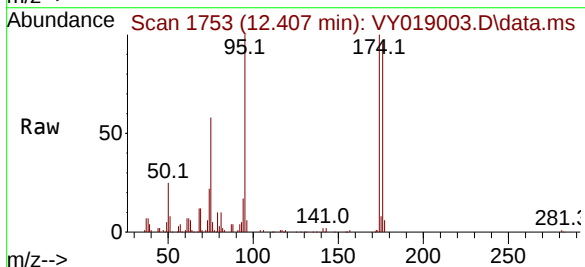
Acq: 12 Aug 2024 15:34

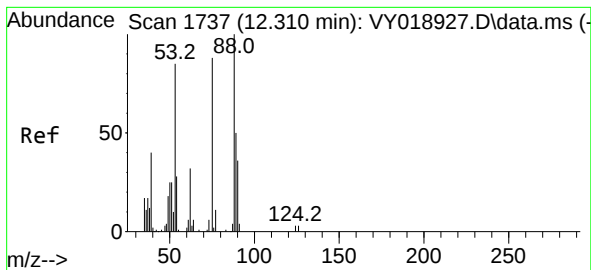
Tgt Ion: 75 Resp: 21770

Ion Ratio Lower Upper

75 100

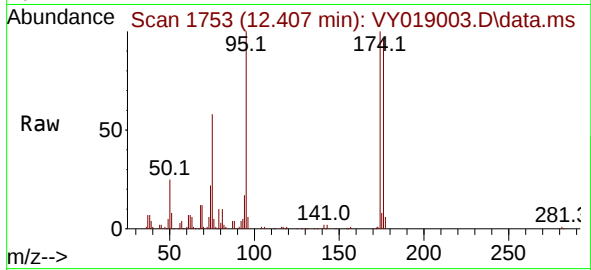
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 180.793 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY019003.D
Acq: 12 Aug 2024 15:34

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



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

