

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY019011.D
 Acq On : 12 Aug 2024 18:50
 Operator : SY/MD
 Sample : P3518-17
 Misc : 4.58g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-09-080724RE

Quant Time: Aug 13 01:19:06 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)

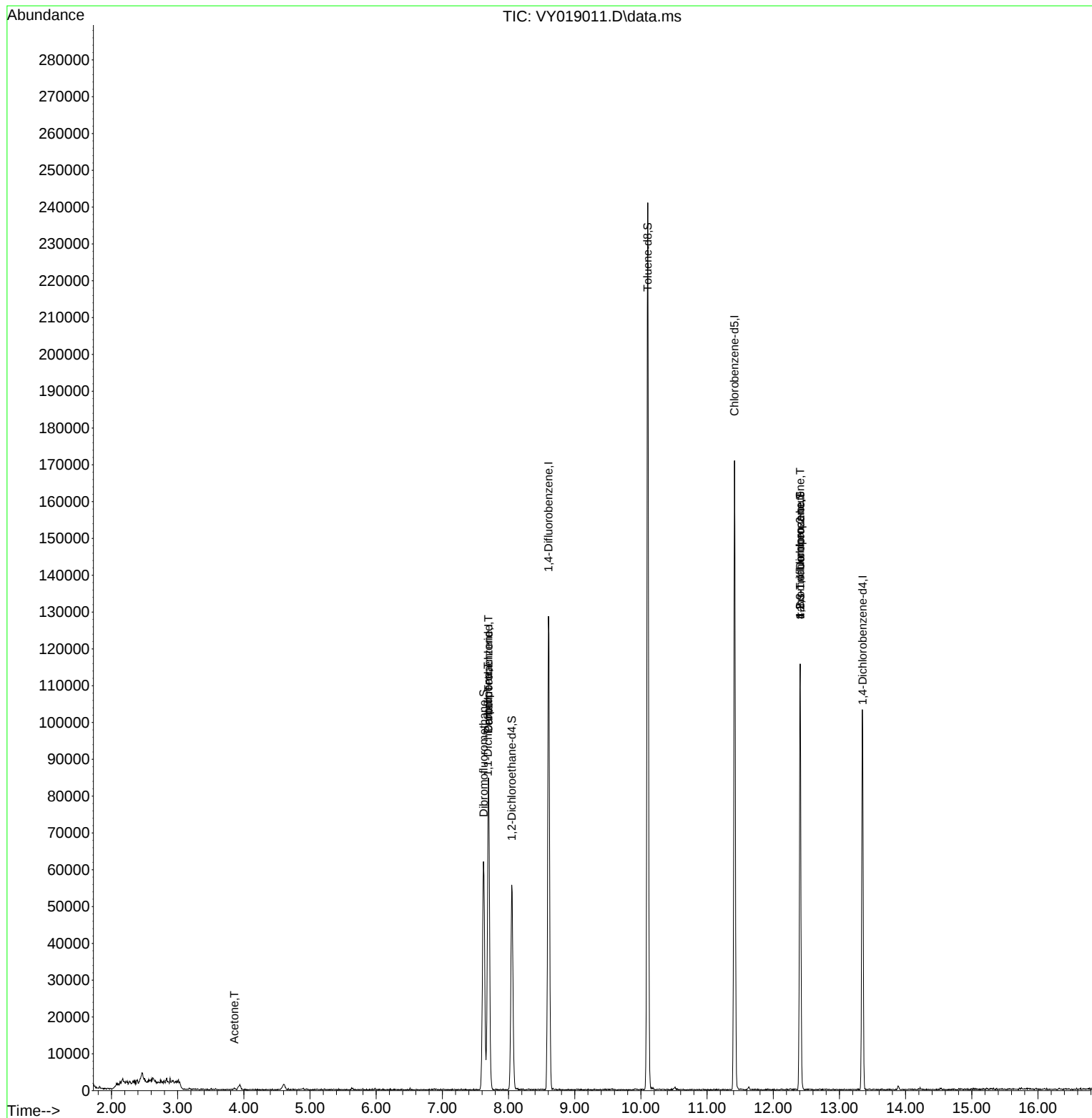
Internal Standards						
1) Pentafluorobenzene	7.695	168	67576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	109908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	81626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	23633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	34081	57.442	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.880%
35) Dibromofluoromethane	7.622	113	39185	55.822	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.640%
50) Toluene-d8	10.103	98	143465	53.208	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.420%
62) 4-Bromofluorobenzene	12.408	95	28548	35.688	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.380%
Target Compounds						
					Qvalue	
3) Chloromethane	2.062	50	100	Below Cal	#	43
11) Tert butyl alcohol	4.854	59	41	Below Cal	#	88
16) Acetone	3.854	43	488	15.547	ug/l #	36
20) Methylene Chloride	4.598	84	968	Below Cal	#	81
31) Cyclohexane	7.689	56	1771	Below Cal	#	59
36) 1,1-Dichloropropene	7.689	75	4900	5.200	ug/l #	43
38) Carbon Tetrachloride	7.695	117	6286	5.818	ug/l #	16
41) Methacrylonitrile	7.293	41	60	Below Cal	#	3
76) 1,2,3-Trichloropropane	12.408	75	16344	92.831	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	16344	191.286	ug/l #	16

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

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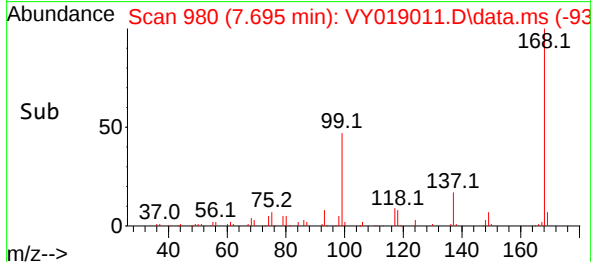
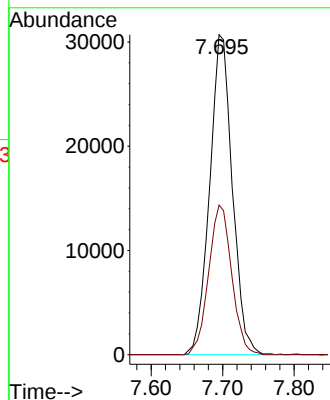
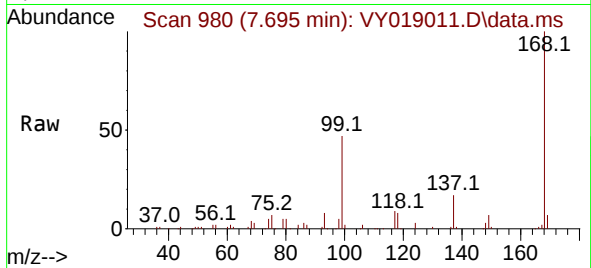




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019011.D
Acq: 12 Aug 2024 18:50

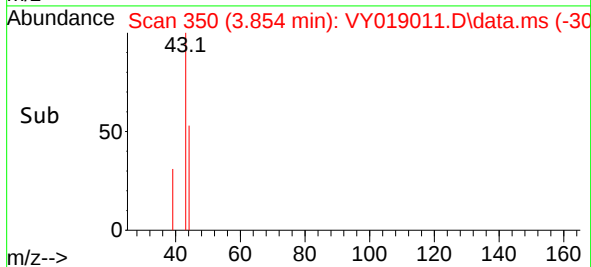
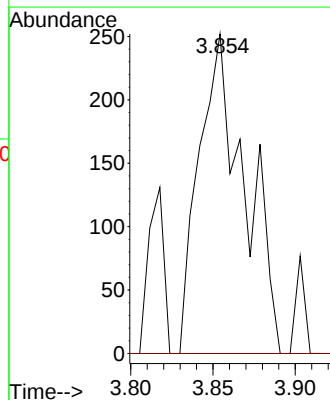
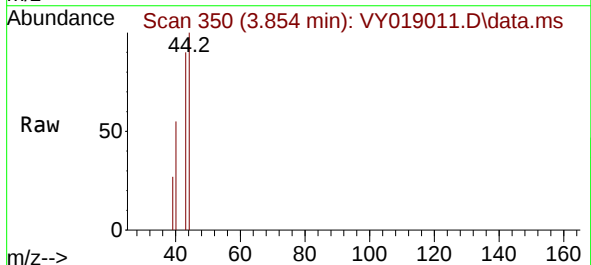
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-09-080724RE

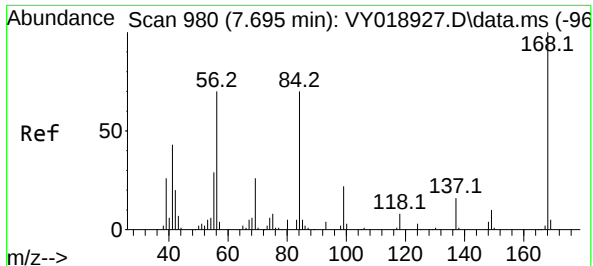
Tgt Ion:168 Resp: 67576
Ion Ratio Lower Upper
168 100
99 46.8 39.1 58.7



#16
Acetone
Concen: 15.547 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY019011.D
Acq: 12 Aug 2024 18:50

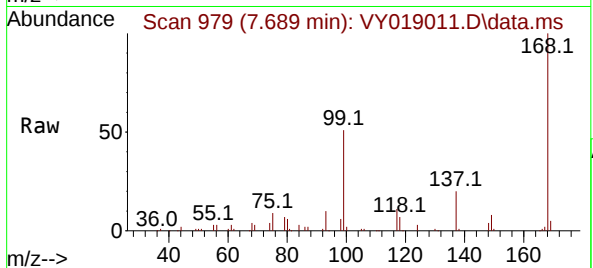
Tgt Ion: 43 Resp: 488
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



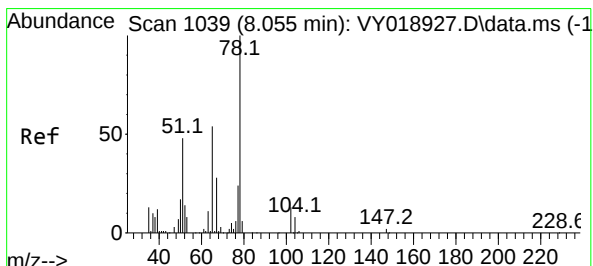
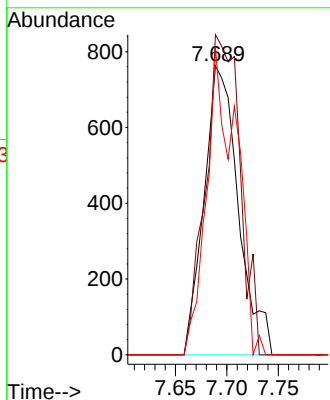
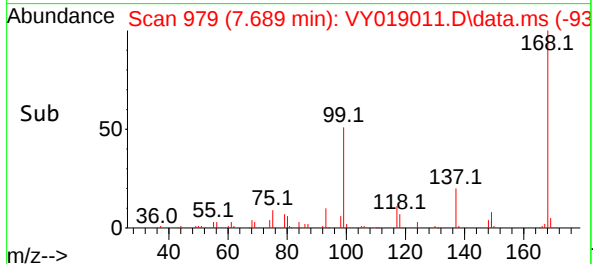


#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019011.D
Acq: 12 Aug 2024 18:50

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-09-080724RE

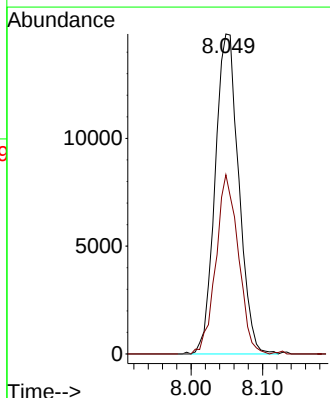
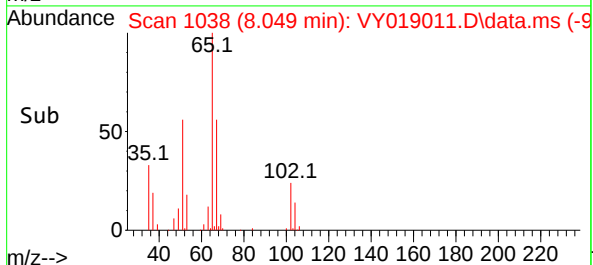
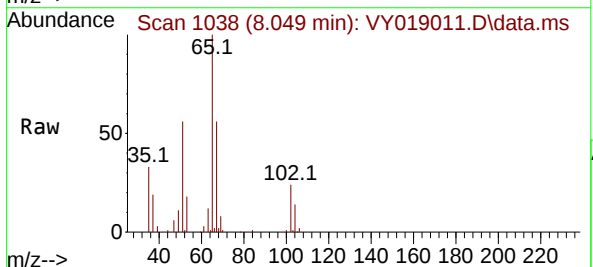


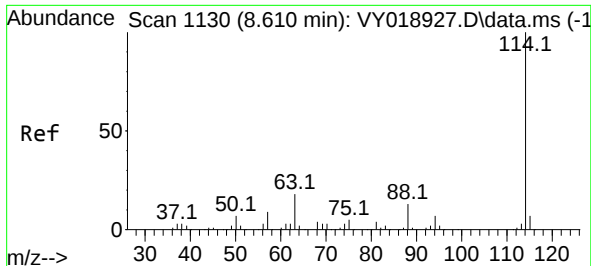
Tgt Ion: 56 Resp: 1771
Ion Ratio Lower Upper
56 100
69 110.7 28.7 43.1#
84 106.2 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 57.442 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019011.D
Acq: 12 Aug 2024 18:50

Tgt Ion: 65 Resp: 34081
Ion Ratio Lower Upper
65 100
67 53.2 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: VY019011.D

Acq: 12 Aug 2024 18:50

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-09-080724RE

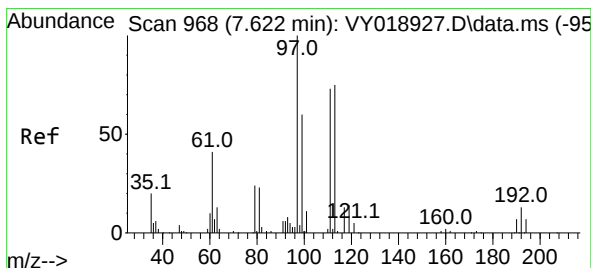
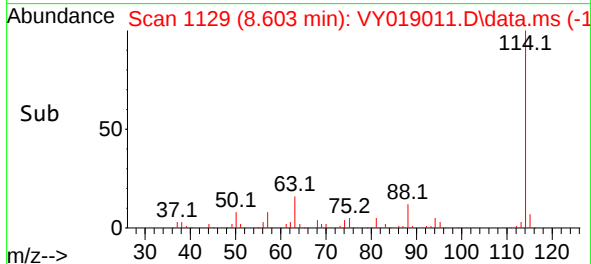
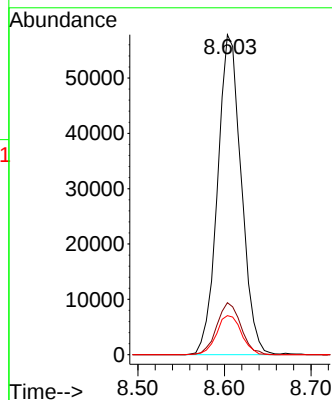
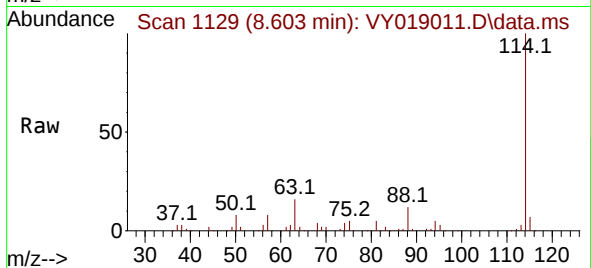
Tgt Ion:114 Resp: 109908

Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.0

88 12.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.822 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019011.D

Acq: 12 Aug 2024 18:50

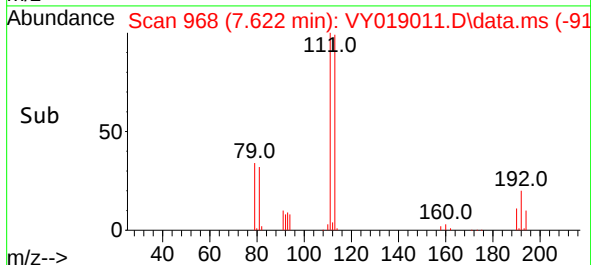
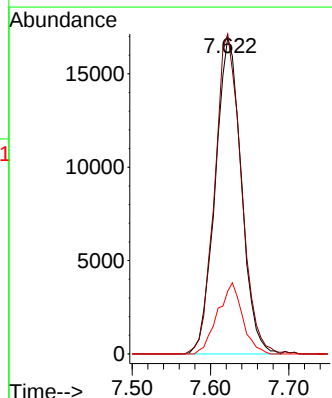
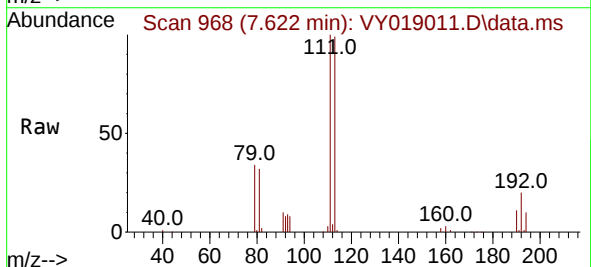
Tgt Ion:113 Resp: 39185

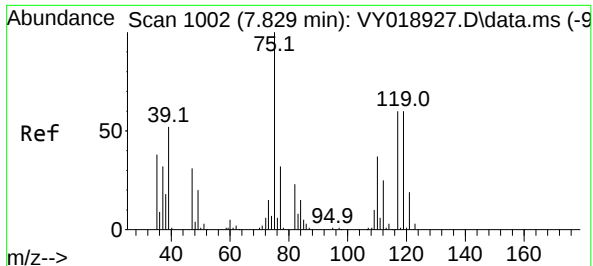
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 21.5 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.200 ug/l

RT: 7.689 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY019011.D

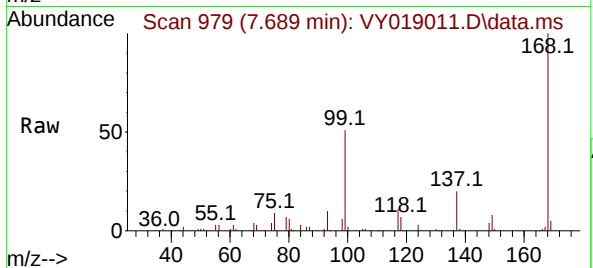
Acq: 12 Aug 2024 18:50

Instrument :

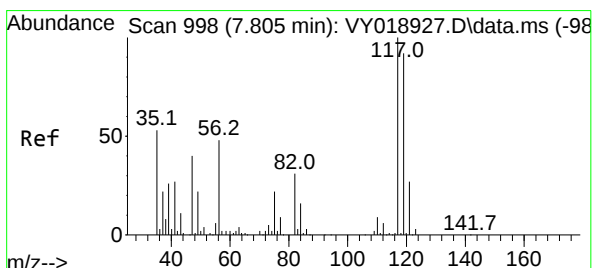
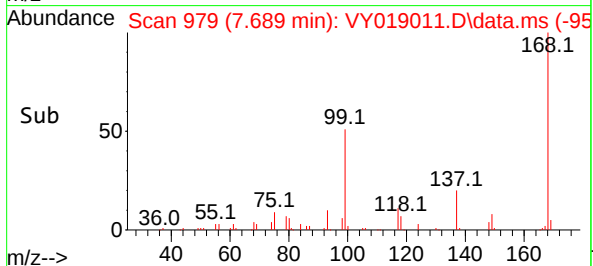
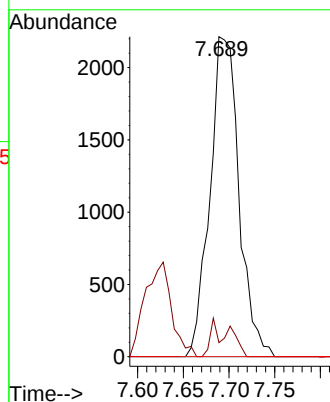
MSVOA_Y

ClientSampleId :

OU4-TS-09-080724RE



Tgt Ion: 75	Resp: 4900
Ion Ratio	Lower Upper
75	100
110	4.1 19.0 57.0#
77	0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.818 ug/l

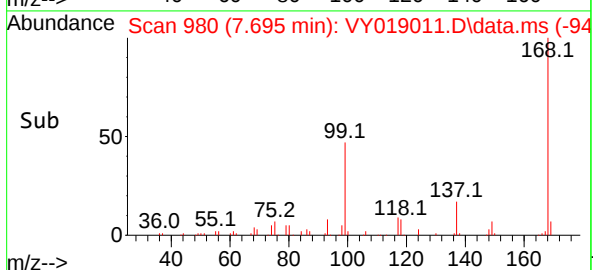
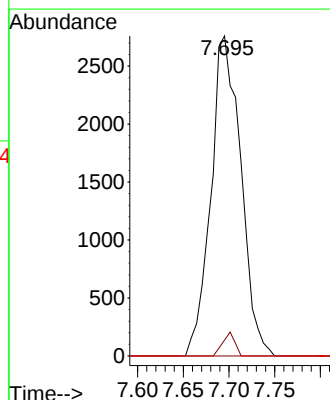
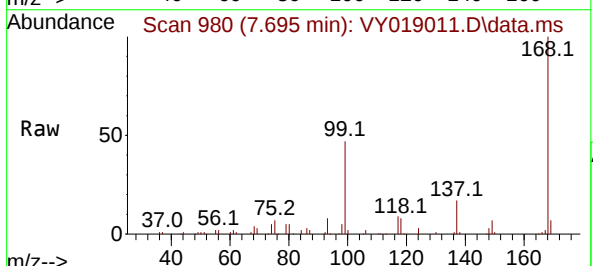
RT: 7.695 min Scan# 980

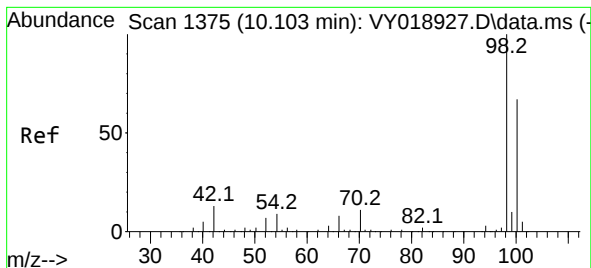
Delta R.T. -0.110 min

Lab File: VY019011.D

Acq: 12 Aug 2024 18:50

Tgt Ion: 117	Resp: 6286
Ion Ratio	Lower Upper
117	100
119	5.0 75.8 113.6#
121	0.0 24.0 36.0#





#50

Toluene-d8

Concen: 53.208 ug/l

RT: 10.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019011.D

Acq: 12 Aug 2024 18:50

Instrument :

MSVOA_Y

ClientSampleId :

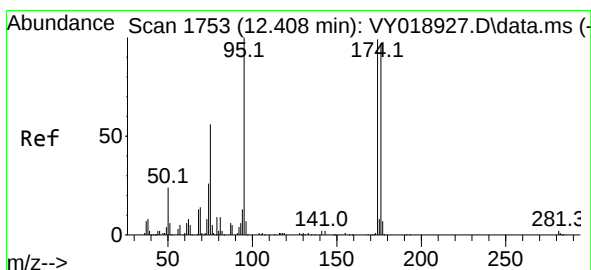
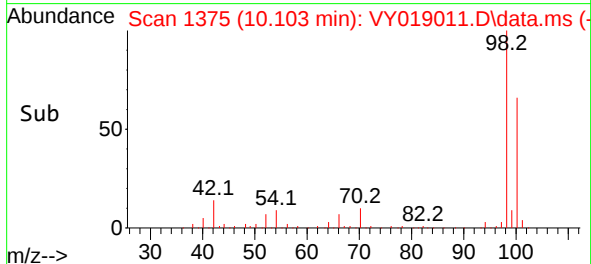
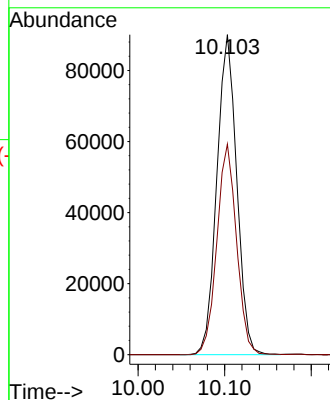
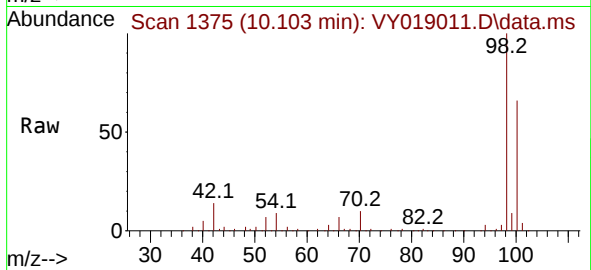
OU4-TS-09-080724RE

Tgt Ion: 98 Resp: 143465

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 35.688 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY019011.D

Acq: 12 Aug 2024 18:50

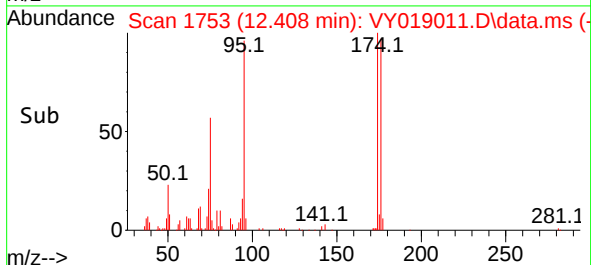
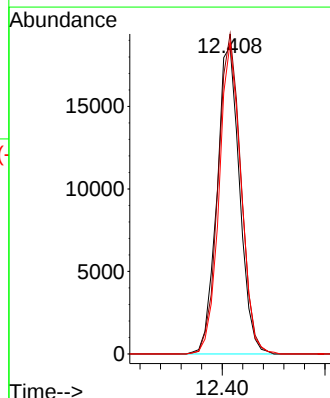
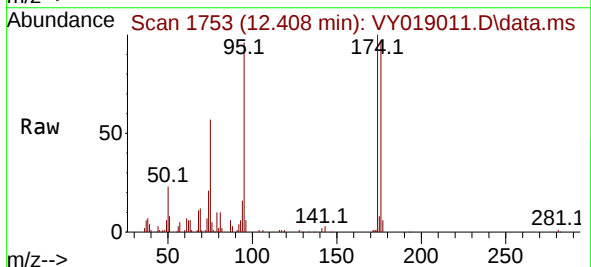
Tgt Ion: 95 Resp: 28548

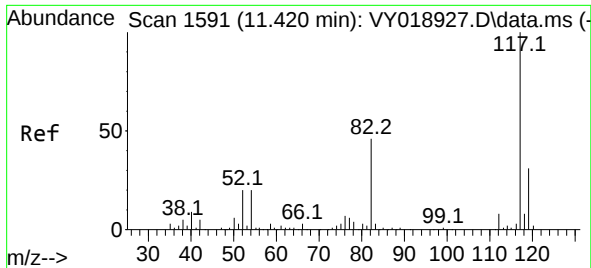
Ion Ratio Lower Upper

95 100

174 104.0 0.0 175.6

176 97.3 0.0 171.4

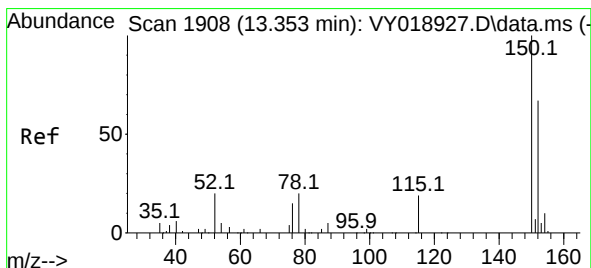
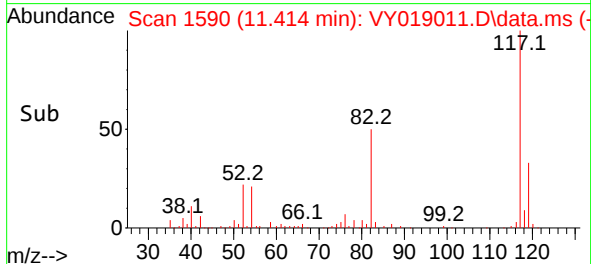
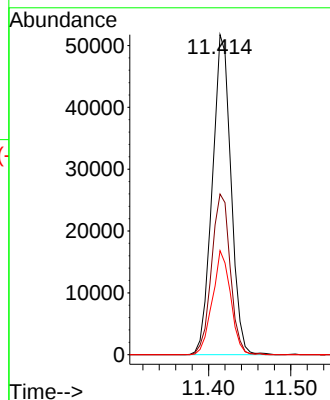
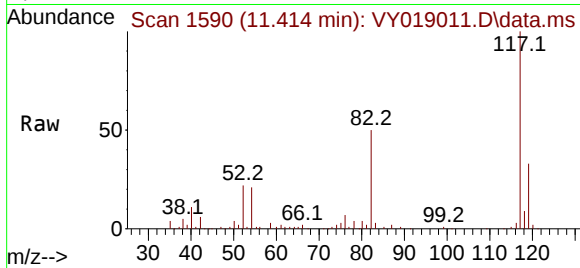




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019011.D
Acq: 12 Aug 2024 18:50

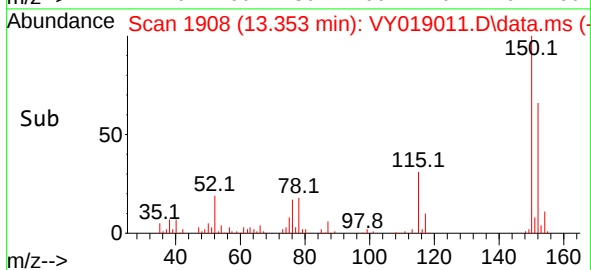
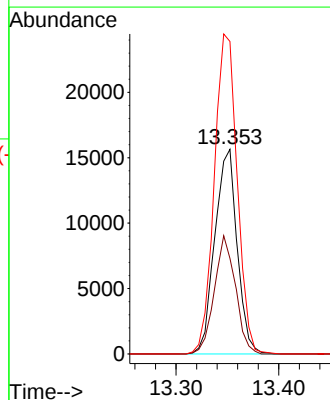
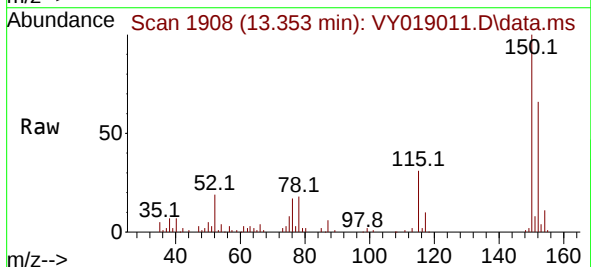
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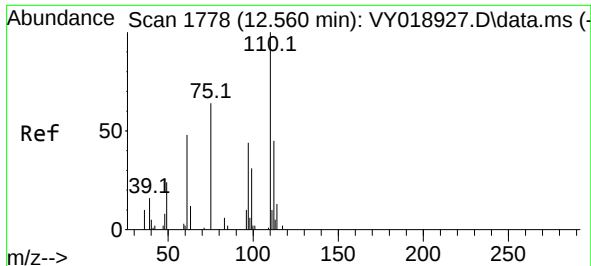
Tgt Ion:117 Resp: 81626
Ion Ratio Lower Upper
117 100
82 50.2 42.4 63.6
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY019011.D
Acq: 12 Aug 2024 18:50

Tgt Ion:152 Resp: 23633
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 160.2 0.0 345.6

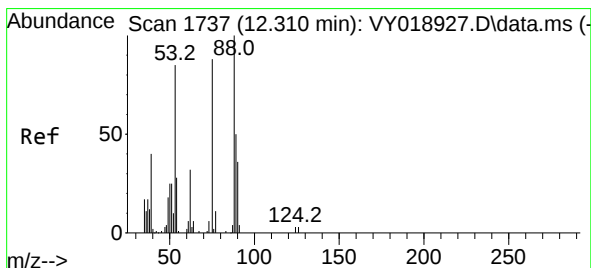
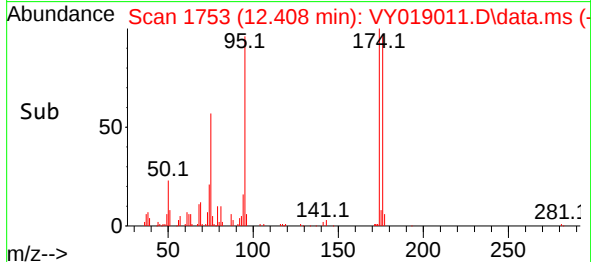
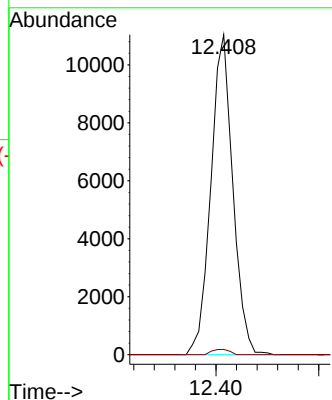
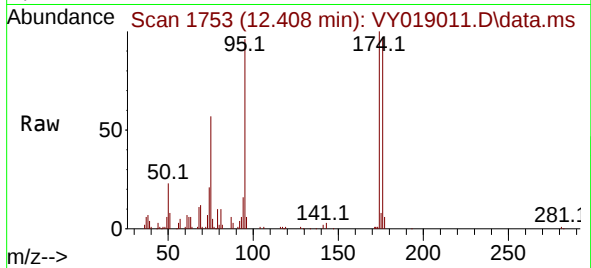




#76
1,2,3-Trichloropropane
Concen: 92.831 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019011.D
Acq: 12 Aug 2024 18:50

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-09-080724RE

Tgt Ion: 75 Resp: 16344
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 191.286 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY019011.D
Acq: 12 Aug 2024 18:50

Tgt Ion: 75 Resp: 16344
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

